

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4900 Jan 09 j 10:01	13°♌04'44	-1°42'29	morning set	-4900 Dec 11 j 02:15	5°♍34'33	
minimum elong	-4900 Jan 09 j 12:36	13°♌17'34	1°42'33	max. Earth dist.	-4900 Dec 15 j 03:22	12°♍35'36	1.38798 AU
evening rise	-4900 Jan 17 j 14:49	29°♌34'32					
	-4900 Jan 17 j 19:53	0°♌		superior conj	-4900 Dec 22 j 11:44	26°♍00'58	-1°51'48
asc. node	-4900 Jan 22 j 11:29	9°♌06'39		minimum elong	-4900 Dec 22 j 12:48	26°♍06'01	1°51'59
evening max el	-4900 Feb 04 j 00:08	27°♌36'42	19°36'37		-4900 Dec 24 j 14:03	0°♌	
	-4900 Feb 06 j 23:36	0°♌		evening rise	-4900 Dec 31 j 11:33	13°♌23'58	
retrograde	-4900 Feb 13 j 11:45	2°♌06'15		asc. node	-4899 Jan 08 j 08:33	28°♌06'26	
evening set	-4900 Feb 15 j 20:22	1°♌50'50			-4899 Jan 09 j 11:34	0°♌	
	-4900 Feb 20 j 13:58	30°♌		evening max el	-4899 Jan 16 j 22:50	9°♌56'30	18°47'01
inferior conj	-4900 Feb 24 j 06:52	27°♌46'17	2°37'48	retrograde	-4899 Jan 25 j 01:09	13°♌50'48	
minimum elong	-4900 Feb 24 j 12:00	27°♌38'02	2°36'12	evening set	-4899 Jan 27 j 12:27	13°♌30'27	
min. Earth dist.	-4900 Feb 26 j 20:56	26°♌07'22	0.56274 AU	inferior conj	-4899 Feb 04 j 06:08	9°♌08'33	3°38'56
morning rise	-4900 Mar 04 j 01:06	23°♌02'56		minimum elong	-4899 Feb 04 j 09:54	9°♌01'34	3°38'06
desc. node	-4900 Mar 05 j 15:27	22°♌37'01		min. Earth dist.	-4899 Feb 07 j 12:56	6°♌43'53	0.57885 AU
direct	-4900 Mar 08 j 11:12	22°♌18'48		morning rise	-4899 Feb 12 j 04:56	3°♌57'43	
morning max el	-4900 Mar 22 j 11:14	29°♌23'04	24°30'59	direct	-4899 Feb 17 j 21:11	2°♌39'09	
	-4900 Mar 23 j 02:23	0°♌		desc. node	-4899 Feb 20 j 12:34	2°♌56'07	
	-4900 Apr 12 j 04:36	0°♌		morning max el	-4899 Mar 04 j 02:39	10°♌04'03	26°00'31
morning set	-4900 Apr 16 j 19:55	9°♌24'40			-4899 Mar 19 j 07:00	0°♌	
asc. node	-4900 Apr 19 j 11:05	15°♌00'29		morning set	-4899 Apr 01 j 07:44	24°♌26'38	
					-4899 Apr 03 j 22:26	0°♌	
superior conj	-4900 Apr 23 j 20:48	24°♌32'17	0°44'09	asc. node	-4899 Apr 06 j 08:03	5°♌12'20	
minimum elong	-4900 Apr 23 j 18:58	24°♌22'22	0°43'44				
max. Earth dist.	-4900 Apr 25 j 09:14	27°♌48'38	1.33240 AU	superior conj	-4899 Apr 08 j 07:51	9°♌33'22	0°20'33
	-4900 Apr 26 j 09:46	0°♌		minimum elong	-4899 Apr 08 j 06:58	9°♌28'30	0°20'15
evening rise	-4900 May 01 j 04:58	10°♌00'27		max. Earth dist.	-4899 Apr 08 j 21:00	10°♌45'05	1.32763 AU
	-4900 May 11 j 20:56	0°♌		evening rise	-4899 Apr 15 j 10:06	24°♌44'54	
desc. node	-4900 Jun 01 j 13:48	28°♌48'14			-4899 Apr 18 j 00:06	0°♌	
	-4900 Jun 02 j 18:42	0°♌			-4899 May 05 j 15:45	0°♌	
evening max el	-4900 Jun 02 j 22:18	0°♌08'41	27°23'56	evening max el	-4899 May 16 j 03:23	12°♌26'38	26°57'21
retrograde	-4900 Jun 16 j 17:48	7°♌33'57		desc. node	-4899 May 19 j 10:59	15°♌19'50	
evening set	-4900 Jun 23 j 20:33	5°♌02'33		retrograde	-4899 May 30 j 03:34	19°♌48'27	
min. Earth dist.	-4900 Jun 27 j 10:38	2°♌01'49	0.62816 AU	evening set	-4899 Jun 05 j 21:54	17°♌45'40	
	-4900 Jun 29 j 12:26	30°♌		min. Earth dist.	-4899 Jun 09 j 16:55	15°♌01'13	0.60884 AU
inferior conj	-4900 Jun 30 j 07:09	29°♌13'37	-3°58'46	inferior conj	-4899 Jun 12 j 23:36	12°♌11'44	-4°12'51
minimum elong	-4900 Jun 30 j 09:51	29°♌06'55	3°58'11	minimum elong	-4899 Jun 13 j 00:13	12°♌10'24	4°12'41
morning rise	-4900 Jul 07 j 00:17	24°♌04'30		morning rise	-4899 Jun 20 j 04:18	7°♌23'24	
direct	-4900 Jul 09 j 15:27	23°♌32'08		direct	-4899 Jun 22 j 17:30	6°♌57'15	
asc. node	-4900 Jul 16 j 10:49	27°♌06'47		morning max el	-4899 Jun 29 j 19:19	10°♌26'02	18°05'38
morning max el	-4900 Jul 16 j 06:30	26°♌56'04	17°57'04	asc. node	-4899 Jul 03 j 07:50	14°♌31'36	
	-4900 Jul 18 j 23:05	0°♌			-4899 Jul 12 j 17:20	0°♌	
morning set	-4900 Aug 01 j 20:19	22°♌44'25		morning set	-4899 Jul 15 j 20:16	5°♌45'28	
	-4900 Aug 05 j 23:00	0°♌					
superior conj	-4900 Aug 13 j 11:11	12°♌55'03	1°25'31	superior conj	-4899 Jul 25 j 23:00	24°♌13'01	1°43'56
minimum elong	-4900 Aug 13 j 16:37	13°♌17'55	1°25'17	minimum elong	-4899 Jul 26 j 01:49	24°♌25'29	1°44'02
max. Earth dist.	-4900 Aug 20 j 02:56	23°♌54'50	1.43251 AU		-4899 Jul 29 j 06:17	0°♌	
	-4900 Aug 23 j 21:56	0°♌		max. Earth dist.	-4899 Aug 02 j 11:30	7°♌10'36	1.41644 AU
evening rise	-4900 Aug 28 j 18:43	7°♌39'07		evening rise	-4899 Aug 08 j 08:08	16°♌46'54	
desc. node	-4900 Aug 28 j 12:50	7°♌16'13		desc. node	-4899 Aug 15 j 09:49	27°♌52'09	
	-4900 Sep 12 j 14:04	0°♌			-4899 Aug 16 j 19:20	0°♌	
evening max el	-4900 Sep 27 j 16:31	19°♌46'28	21°08'07		-4899 Sep 07 j 11:41	0°♌	
retrograde	-4900 Oct 06 j 04:37	24°♌48'24		evening max el	-4899 Sep 10 j 10:14	3°♌11'42	22°24'27
evening set	-4900 Oct 10 j 05:22	23°♌16'39		retrograde	-4899 Sep 19 j 23:34	8°♌51'56	
asc. node	-4900 Oct 12 j 09:47	21°♌11'32		evening set	-4899 Sep 24 j 13:19	7°♌00'48	
inferior conj	-4900 Oct 15 j 14:17	17°♌05'59	1°04'20	asc. node	-4899 Sep 29 j 06:55	1°♌31'53	
minimum elong	-4900 Oct 15 j 12:50	17°♌10'57	1°03'49	inferior conj	-4899 Sep 29 j 20:35	0°♌44'48	0°11'38
min. Earth dist.	-4900 Oct 16 j 00:36	16°♌30'41	0.67105 AU	minimum elong	-4899 Sep 29 j 20:18	0°♌45'45	0°11'40
morning rise	-4900 Oct 20 j 20:07	10°♌49'57		transit middle	-4899 Sep 29 j 20:18	0°♌45'45	0°11'40
direct	-4900 Oct 26 j 00:33	8°♌36'57		transit begin	-4899 Sep 29 j 18:25	0°♌52'18	
morning max el	-4900 Nov 05 j 17:30	15°♌00'51	23°48'26	transit end	-4899 Sep 29 j 22:12	0°♌39'13	
	-4900 Nov 17 j 23:22	0°♌		min. Earth dist.	-4899 Sep 29 j 20:29	0°♌45'07	0.67367 AU
desc. node	-4900 Nov 24 j 13:00	9°♌21'03			-4899 Sep 30 j 09:34	30°♌	
	-4900 Dec 07 j 18:28	0°♌		morning rise	-4899 Oct 05 j 03:10	24°♌30'22	
				direct	-4899 Oct 09 j 16:53	22°♌38'43	

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning max el	-4899 Oct 19 j 05:13	28°♎18'48	22°22'43	morning rise	-4898 Sep 19 j 12:04	8°♎16'20	
	-4899 Oct 20 j 19:24	0°♎		direct	-4898 Sep 23 j 12:29	6°♎45'18	
desc. node	-4899 Nov 11 j 09:54	29°♎33'15		morning max el	-4898 Oct 01 j 22:45	11°♎43'24	21°02'49
	-4899 Nov 11 j 16:57	0°♎			-4898 Oct 15 j 23:51	0°♎	
morning set	-4899 Nov 21 j 11:10	15°♎18'17		desc. node	-4898 Oct 29 j 06:47	19°♎59'15	
max. Earth dist.	-4899 Nov 27 j 01:39	24°♎33'49	1.40854 AU	morning set	-4898 Oct 31 j 18:42	23°♎52'11	
	-4899 Nov 30 j 06:05	0°♎			-4898 Nov 04 j 15:59	0°♎	
				max. Earth dist.	-4898 Nov 09 j 06:36	7°♎25'06	1.42674 AU
superior conj	-4899 Dec 04 j 19:38	8°♍01'35	-1°51'13	superior conj	-4898 Nov 16 j 03:51	18°♎51'32	-1°37'07
minimum elong	-4899 Dec 04 j 17:52	7°♍53'41	1°51'18	minimum elong	-4898 Nov 15 j 22:38	18°♎29'26	1°36'48
evening rise	-4899 Dec 14 j 22:20	26°♍40'04			-4898 Nov 22 j 14:36	0°♍	
	-4899 Dec 16 j 17:04	0°♍		evening rise	-4898 Nov 27 j 19:21	9°♍14'14	
asc. node	-4899 Dec 26 j 05:39	16°♍30'28			-4898 Dec 10 j 00:14	0°♍	
evening max el	-4899 Dec 31 j 05:00	22°♍43'12	18°17'27	asc. node	-4898 Dec 13 j 02:46	4°♍07'43	
retrograde	-4898 Jan 07 j 09:08	26°♍17'58		evening max el	-4898 Dec 14 j 15:51	5°♍48'55	18°07'49
evening set	-4898 Jan 09 j 23:01	25°♍51'17		retrograde	-4898 Dec 21 j 08:18	9°♍17'43	
inferior conj	-4898 Jan 17 j 01:41	21°♍07'50	4°03'59	evening set	-4898 Dec 24 j 00:47	8°♍43'50	
minimum elong	-4898 Jan 17 j 02:31	21°♍06'01	4°03'42	inferior conj	-4898 Dec 30 j 15:07	3°♍38'58	4°01'22
min. Earth dist.	-4898 Jan 20 j 09:11	18°♍18'05	0.59831 AU	minimum elong	-4898 Dec 30 j 13:31	3°♍42'55	4°01'00
morning rise	-4898 Jan 24 j 04:19	15°♍35'46		min. Earth dist.	-4897 Jan 02 j 13:14	0°♍47'08	0.61787 AU
direct	-4898 Jan 30 j 18:43	13°♍38'19			-4897 Jan 03 j 09:39	30°♍	
desc. node	-4898 Feb 07 j 09:40	16°♍01'21		morning rise	-4897 Jan 06 j 01:10	27°♍51'38	
morning max el	-4898 Feb 13 j 23:02	21°♍13'29	27°06'27	direct	-4897 Jan 13 j 01:56	25°♍22'12	
	-4898 Feb 21 j 15:06	0°♍			-4897 Jan 23 j 15:40	0°♍	
	-4898 Mar 12 j 01:46	0°♍		desc. node	-4897 Jan 25 j 06:44	1°♍22'42	
morning set	-4898 Mar 16 j 17:24	9°♍21'07		morning max el	-4897 Jan 27 j 01:55	3°♍03'37	27°38'55
					-4897 Feb 16 j 00:41	0°♍	
superior conj	-4898 Mar 23 j 19:37	24°♍35'01	-0°04'06	morning set	-4897 Feb 28 j 22:57	24°♍01'05	
minimum elong	-4898 Mar 23 j 19:49	24°♍36'03	0°04'13		-4897 Mar 03 j 20:02	0°♍	
behind sun begin	-4898 Mar 23 j 14:58	24°♍09'32		max. Earth dist.	-4897 Mar 06 j 22:20	6°♍37'19	1.32800 AU
behind sun end	-4898 Mar 24 j 00:39	25°♍02'34					
max. Earth dist.	-4898 Mar 23 j 10:40	23°♍46'00	1.32613 AU	superior conj	-4897 Mar 08 j 06:28	9°♍31'29	-0°28'51
asc. node	-4898 Mar 24 j 05:03	25°♍26'34		minimum elong	-4897 Mar 08 j 07:44	9°♍38'25	0°28'48
	-4898 Mar 26 j 07:05	0°♍		asc. node	-4897 Mar 11 j 02:03	15°♍39'09	
evening rise	-4898 Mar 30 j 19:18	9°♍39'56		evening rise	-4897 Mar 15 j 06:34	24°♍38'28	
	-4898 Apr 10 j 09:29	0°♍			-4897 Mar 17 j 20:43	0°♍	
evening max el	-4898 Apr 28 j 02:16	24°♍02'27	25°59'16		-4897 Apr 05 j 04:02	0°♍	
desc. node	-4898 May 06 j 08:11	29°♍57'28		evening max el	-4897 Apr 09 j 19:44	5°♍02'43	24°37'17
	-4898 May 06 j 10:27	0°♍		desc. node	-4897 Apr 23 j 05:23	12°♍05'07	
retrograde	-4898 May 12 j 04:27	1°♍18'37		retrograde	-4897 Apr 23 j 18:43	12°♍05'50	
	-4898 May 17 j 20:37	30°♍		evening set	-4897 Apr 28 j 10:51	11°♍16'16	
evening set	-4898 May 18 j 02:35	29°♍53'07		min. Earth dist.	-4897 May 04 j 07:50	8°♍16'34	0.57003 AU
min. Earth dist.	-4898 May 22 j 14:53	27°♍08'38	0.58850 AU	inferior conj	-4897 May 07 j 03:10	6°♍27'22	-3°19'55
inferior conj	-4898 May 25 j 23:12	24°♍38'52	-4°03'07	minimum elong	-4897 May 06 j 21:51	6°♍36'03	3°18'46
minimum elong	-4898 May 25 j 20:38	24°♍43'42	4°02'47	morning rise	-4897 May 15 j 12:04	2°♍19'34	
morning rise	-4898 Jun 02 j 17:18	20°♍12'15		direct	-4897 May 17 j 22:41	2°♍02'52	
direct	-4898 Jun 05 j 05:15	19°♍51'16		morning max el	-4897 May 27 j 04:11	6°♍20'36	19°22'25
morning max el	-4898 Jun 13 j 03:28	23°♍37'05	18°33'55	asc. node	-4897 Jun 07 j 01:53	21°♍41'21	
	-4898 Jun 18 j 09:21	0°♍			-4897 Jun 11 j 11:33	0°♍	
asc. node	-4898 Jun 20 j 04:52	2°♍46'58		morning set	-4897 Jun 13 j 07:59	3°♍39'23	
morning set	-4898 Jun 29 j 09:23	19°♍26'44					
	-4898 Jul 04 j 20:53	0°♍		superior conj	-4897 Jun 21 j 13:37	20°♍02'13	1°45'10
superior conj	-4898 Jul 08 j 09:43	6°♍40'32	1°49'28	minimum elong	-4897 Jun 21 j 11:54	19°♍53'48	1°45'17
minimum elong	-4898 Jul 08 j 09:49	6°♍41'01	1°49'42		-4897 Jun 26 j 18:57	0°♍	
max. Earth dist.	-4898 Jul 15 j 14:49	19°♍42'55	1.39749 AU	max. Earth dist.	-4897 Jun 27 j 16:23	1°♍39'14	1.37830 AU
evening rise	-4898 Jul 19 j 21:31	27°♍03'23		evening rise	-4897 Jul 01 j 13:10	8°♍38'13	
	-4898 Jul 21 j 15:51	0°♍			-4897 Jul 14 j 11:36	0°♍	
desc. node	-4898 Aug 02 j 06:51	18°♍17'51		desc. node	-4897 Jul 20 j 03:54	8°♍28'20	
	-4898 Aug 10 j 09:54	0°♍			-4897 Aug 06 j 07:33	0°♍	
evening max el	-4898 Aug 23 j 23:03	16°♍37'01	23°45'17	evening max el	-4897 Aug 06 j 09:38	0°♍05'10	25°03'38
retrograde	-4898 Sep 03 j 15:30	22°♍55'34		retrograde	-4897 Aug 18 j 03:33	6°♍55'49	
evening set	-4898 Sep 08 j 19:44	20°♍44'21		evening set	-4897 Aug 23 j 22:47	4°♍26'16	
min. Earth dist.	-4898 Sep 13 j 16:34	15°♍01'42	0.67330 AU		-4897 Aug 27 j 22:02	30°♍	
inferior conj	-4898 Sep 14 j 02:58	14°♍26'11	-0°41'34	min. Earth dist.	-4897 Aug 28 j 10:29	29°♍19'24	0.66985 AU
minimum elong	-4898 Sep 14 j 03:56	14°♍22'55	0°40'59	inferior conj	-4897 Aug 29 j 07:46	28°♍09'10	-1°33'38
asc. node	-4898 Sep 16 j 04:04	11°♍43'18		minimum elong	-4897 Aug 29 j 09:53	28°♍02'10	1°32'34

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4897 Sep 03 j 01:13	22° ☿ 44'38		direct	-4896 Aug 21 j 08:19	5° ☿ 01'50	
morning rise	-4897 Sep 03 j 21:01	22° ☿ 06'54		morning max el	-4896 Aug 28 j 06:39	8° ☿ 56'47	18°59'32
direct	-4897 Sep 07 j 10:10	20° ☿ 53'59			-4896 Sep 12 j 05:22	0° Ω	
morning max el	-4897 Sep 14 j 23:26	25° ☿ 16'31	19°53'58	morning set	-4896 Sep 19 j 06:37	11° Ω 08'49	
	-4897 Sep 19 j 00:50	0° Ω			-4896 Oct 01 j 05:17	0° ♊	
	-4897 Oct 09 j 08:36	0° ♊		desc. node	-4896 Oct 02 j 00:32	1° ♊ 15'49	
morning set	-4897 Oct 10 j 17:33	2° ♊ 07'39		max. Earth dist.	-4896 Oct 04 j 10:12	5° ♊ 03'09	1.44714 AU
desc. node	-4897 Oct 16 j 03:39	10° ♊ 34'37					
max. Earth dist.	-4897 Oct 22 j 18:04	20° ♊ 59'57	1.44015 AU	superior conj	-4896 Oct 05 j 13:54	6° ♊ 52'28	-0°22'17
				minimum elong	-4896 Oct 05 j 11:02	6° ♊ 41'09	0°21'47
superior conj	-4897 Oct 27 j 08:27	28° ♊ 23'06	-1°06'49		-4896 Oct 20 j 01:24	0° Ω	
minimum elong	-4897 Oct 27 j 01:51	27° ♊ 56'24	1°06'05	evening rise	-4896 Oct 21 j 01:39	1° Ω 38'14	
	-4897 Oct 28 j 08:21	0° Ω			-4896 Nov 08 j 11:20	0° ♋	
evening rise	-4897 Nov 09 j 22:02	20° Ω 56'51		evening max el	-4896 Nov 10 j 16:32	2° ♋ 31'17	18°44'57
	-4897 Nov 15 j 05:42	0° ♋		asc. node	-4896 Nov 15 j 21:02	6° ♋ 05'40	
evening max el	-4897 Nov 28 j 04:35	19° ♋ 06'45	18°17'21	retrograde	-4896 Nov 17 j 10:35	6° ♋ 19'15	
asc. node	-4897 Nov 29 j 23:54	20° ♋ 44'36		evening set	-4896 Nov 20 j 12:02	5° ♋ 26'14	
retrograde	-4897 Dec 04 j 18:06	22° ♋ 40'27		inferior conj	-4896 Nov 26 j 08:42	29° Ω 44'49	3°05'07
evening set	-4897 Dec 07 j 14:13	21° ♋ 58'01		minimum elong	-4896 Nov 26 j 05:26	29° Ω 54'39	3°04'08
inferior conj	-4897 Dec 13 j 18:39	16° ♋ 33'38	3°39'37		-4896 Nov 26 j 03:40	30° ♋	
minimum elong	-4897 Dec 13 j 15:44	16° ♋ 41'42	3°38'55	min. Earth dist.	-4896 Nov 28 j 02:33	27° Ω 38'42	0.64984 AU
min. Earth dist.	-4897 Dec 16 j 03:00	13° ♋ 58'38	0.63544 AU	morning rise	-4896 Dec 01 j 22:28	23° Ω 38'21	
morning rise	-4897 Dec 19 j 16:35	10° ♋ 35'14		direct	-4896 Dec 08 j 15:15	20° Ω 47'53	
direct	-4897 Dec 26 j 17:16	7° ♋ 47'44		morning max el	-4896 Dec 21 j 18:54	28° Ω 23'34	26°58'41
morning max el	-4896 Jan 09 j 09:27	15° ♋ 30'33	27°35'12		-4896 Dec 23 j 08:27	0° ♌	
desc. node	-4896 Jan 12 j 03:45	18° ♋ 23'49		desc. node	-4896 Dec 29 j 00:42	6° ♋ 35'39	
	-4896 Jan 21 j 08:48	0° ♌			-4895 Jan 14 j 02:45	0° ♌	
	-4896 Feb 08 j 15:11	0° ♌		morning set	-4895 Jan 26 j 10:46	21° ♌ 58'12	
morning set	-4896 Feb 12 j 21:47	8° ♌ 16'52			-4895 Jan 30 j 12:31	0° ♌	
max. Earth dist.	-4896 Feb 18 j 03:52	19° ♌ 03'53	1.33367 AU	max. Earth dist.	-4895 Jan 30 j 23:44	0° ♌ 56'44	1.34362 AU
superior conj	-4896 Feb 20 j 14:34	24° ♌ 15'45	-0°52'53	superior conj	-4895 Feb 03 j 17:58	8° ♌ 41'16	-1°15'03
minimum elong	-4896 Feb 20 j 16:48	24° ♌ 27'43	0°52'43	minimum elong	-4895 Feb 03 j 20:50	8° ♌ 56'18	1°14'53
	-4896 Feb 23 j 06:40	0° \approx		evening rise	-4895 Feb 11 j 04:04	24° ♌ 17'47	
asc. node	-4896 Feb 25 j 23:02	5° \approx 45'14		asc. node	-4895 Feb 11 j 20:03	25° ♌ 40'28	
evening rise	-4896 Feb 27 j 18:04	9° \approx 33'01			-4895 Feb 13 j 23:02	0° \approx	
	-4896 Mar 09 j 11:47	0° ♍		evening max el	-4895 Mar 03 j 09:40	26° \approx 42'47	21°32'42
evening max el	-4896 Mar 21 j 12:09	15° ♍ 47'10	23°03'54		-4895 Mar 07 j 13:16	0° ♍	
retrograde	-4896 Apr 03 j 20:17	22° ♍ 20'42		retrograde	-4895 Mar 15 j 11:17	2° ♍ 29'48	
evening set	-4896 Apr 07 j 05:55	21° ♍ 55'22		evening set	-4895 Mar 18 j 01:42	2° ♍ 14'33	
desc. node	-4896 Apr 09 j 02:36	21° ♍ 21'27			-4895 Mar 24 j 02:35	30° ♍	
min. Earth dist.	-4896 Apr 14 j 22:48	18° ♍ 28'49	0.55691 AU	desc. node	-4895 Mar 26 j 23:45	28° \approx 26'00	
inferior conj	-4896 Apr 16 j 11:56	17° ♍ 34'37	-1°57'34	inferior conj	-4895 Mar 27 j 08:38	28° \approx 13'29	-0°06'07
minimum elong	-4896 Apr 16 j 07:07	17° ♍ 41'40	1°56'10	minimum elong	-4895 Mar 27 j 08:21	28° \approx 13'54	0°06'11
morning rise	-4896 Apr 25 j 10:41	13° ♍ 36'23		transit middle	-4895 Mar 27 j 08:21	28° \approx 13'54	0°06'11
direct	-4896 Apr 27 j 22:01	13° ♍ 21'41		transit begin	-4895 Mar 27 j 04:34	28° \approx 19'13	
morning max el	-4896 May 08 j 18:53	18° ♍ 26'03	20°30'55	transit end	-4895 Mar 27 j 12:08	28° \approx 08'34	
	-4896 May 17 j 18:41	0° ♎		min. Earth dist.	-4895 Mar 27 j 13:05	28° \approx 07'14	0.55205 AU
asc. node	-4896 May 23 j 22:51	11° ♎ 04'11		morning rise	-4895 Apr 05 j 15:09	24° \approx 09'30	
morning set	-4896 May 27 j 13:07	18° ♎ 14'33		direct	-4895 Apr 08 j 11:17	23° \approx 51'41	
	-4896 Jun 02 j 06:14	0° ♏		morning max el	-4895 Apr 20 j 22:32	29° \approx 49'12	21°57'04
					-4895 Apr 21 j 03:06	0° ♏	
superior conj	-4896 Jun 04 j 05:45	4° ♏ 02'38	1°33'43		-4895 May 10 j 10:23	0° ♏	
minimum elong	-4896 Jun 04 j 03:09	3° ♏ 49'27	1°33'35	asc. node	-4895 May 10 j 19:48	0° ♏ 48'05	
max. Earth dist.	-4896 Jun 08 j 22:36	13° ♏ 24'07	1.36107 AU	morning set	-4895 May 11 j 22:30	3° ♏ 05'31	
evening rise	-4896 Jun 13 j 02:40	21° ♏ 19'36					
	-4896 Jun 17 j 22:13	0° ♐		superior conj	-4895 May 19 j 06:24	18° ♏ 30'40	1°17'08
desc. node	-4896 Jul 06 j 01:00	28° ♐ 16'07		minimum elong	-4895 May 19 j 03:42	18° ♏ 16'31	1°16'48
	-4896 Jul 07 j 07:39	0° ☿		max. Earth dist.	-4895 May 22 j 14:24	25° ♏ 24'32	1.34710 AU
evening max el	-4896 Jul 18 j 20:20	13° ☿ 35'16	26°11'35		-4895 May 24 j 21:02	0° ♑	
retrograde	-4896 Jul 31 j 10:57	20° ☿ 47'05		evening rise	-4895 May 27 j 08:33	4° ♑ 51'57	
evening set	-4896 Aug 06 j 20:23	18° ☿ 04'06			-4895 Jun 10 j 16:12	0° ♐	
min. Earth dist.	-4896 Aug 10 j 23:49	13° ☿ 35'12	0.66302 AU	desc. node	-4895 Jun 22 j 22:08	17° ♐ 31'19	
inferior conj	-4896 Aug 12 j 09:05	11° ☿ 51'17	-2°22'47	evening max el	-4895 Jul 01 j 07:46	27° ♐ 00'37	27°00'52
minimum elong	-4896 Aug 12 j 12:09	11° ☿ 41'43	2°21'29		-4895 Jul 04 j 16:42	0° ☿	
morning rise	-4896 Aug 18 j 04:05	5° ☿ 59'47		retrograde	-4895 Jul 14 j 13:06	4° ☿ 22'35	
asc. node	-4896 Aug 19 j 22:19	5° ☿ 13'20		evening set	-4895 Jul 21 j 10:01	1° ☿ 34'26	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4895 Jul 23 j 03:26	30° $\mathbb{R}\mathbb{I}$		min. Earth dist.	-4894 Jul 08 j 03:39	11° $\mathbb{I}\mathbb{I}$ 36'33	0.63812 AU
min. Earth dist.	-4895 Jul 25 j 06:11	27° $\mathbb{I}\mathbb{I}$ 43'48	0.65250 AU	inferior conj	-4894 Jul 10 j 16:29	8° $\mathbb{I}\mathbb{I}$ 57'12	-3°43'06
inferior conj	-4895 Jul 27 j 04:50	25° $\mathbb{I}\mathbb{I}$ 28'56	-3°06'55	minimum elong	-4894 Jul 10 j 19:49	8° $\mathbb{I}\mathbb{I}$ 48'27	3°42'15
minimum elong	-4895 Jul 27 j 08:24	25° $\mathbb{I}\mathbb{I}$ 18'36	3°05'40	morning rise	-4894 Jul 17 j 03:45	3° $\mathbb{I}\mathbb{I}$ 37'05	
morning rise	-4895 Aug 02 j 07:09	19° $\mathbb{I}\mathbb{I}$ 51'30		direct	-4894 Jul 19 j 20:51	3° $\mathbb{I}\mathbb{I}$ 00'15	
direct	-4895 Aug 05 j 04:47	19° $\mathbb{I}\mathbb{I}$ 05'25		asc. node	-4894 Jul 24 j 16:26	4° $\mathbb{I}\mathbb{I}$ 55'08	
asc. node	-4895 Aug 06 j 19:23	19° $\mathbb{I}\mathbb{I}$ 19'27		morning max el	-4894 Jul 26 j 09:14	6° $\mathbb{I}\mathbb{I}$ 25'33	18°00'46
morning max el	-4895 Aug 11 j 18:42	22° $\mathbb{I}\mathbb{I}$ 41'11	18°21'25		-4894 Aug 10 j 21:43	0° \mathbb{S}	
	-4895 Aug 17 j 13:08	0° \mathbb{S}		morning set	-4894 Aug 12 j 15:18	2° \mathbb{S} 59'27	
morning set	-4895 Aug 30 j 21:57	21° \mathbb{S} 26'53					
	-4895 Sep 05 j 03:18	0° \mathbb{Q}		superior conj	-4894 Aug 25 j 07:24	24° \mathbb{S} 22'31	1°08'11
				minimum elong	-4894 Aug 25 j 13:22	24° \mathbb{S} 46'59	1°07'46
superior conj	-4895 Sep 14 j 14:09	15° \mathbb{Q} 11'10	0°26'54		-4894 Aug 28 j 18:22	0° \mathbb{Q}	
minimum elong	-4895 Sep 14 j 17:30	15° \mathbb{Q} 24'25	0°26'41	max. Earth dist.	-4894 Aug 30 j 20:58	3° \mathbb{Q} 23'22	1.43962 AU
max. Earth dist.	-4895 Sep 17 j 04:22	19° \mathbb{Q} 17'31	1.44694 AU	desc. node	-4894 Sep 05 j 18:24	12° \mathbb{Q} 43'05	
desc. node	-4895 Sep 18 j 21:26	21° \mathbb{Q} 59'31		evening rise	-4894 Sep 10 j 11:17	20° \mathbb{Q} 02'16	
	-4895 Sep 23 j 23:44	0° \mathbb{P}			-4894 Sep 16 j 23:14	0° \mathbb{P}	
evening rise	-4895 Oct 01 j 04:02	11° \mathbb{P} 14'28		evening max el	-4894 Oct 08 j 04:34	29° \mathbb{P} 24'05	20°28'19
greatest brilliancy	-4895 Oct 12 j 02:49	28° \mathbb{P} 16'13	-0.7m		-4894 Oct 08 j 18:51	0° \mathbb{A}	
	-4895 Oct 13 j 06:01	0° \mathbb{A}		retrograde	-4894 Oct 16 j 03:49	4° \mathbb{A} 05'37	
evening max el	-4895 Oct 25 j 01:11	15° \mathbb{A} 57'48	19°29'14	evening set	-4894 Oct 19 j 22:09	2° \mathbb{A} 43'48	
retrograde	-4895 Nov 01 j 06:38	20° \mathbb{A} 08'33		asc. node	-4894 Oct 20 j 15:19	2° \mathbb{A} 09'44	
asc. node	-4895 Nov 02 j 18:11	19° \mathbb{A} 55'51			-4894 Oct 22 j 17:48	30° $\mathbb{R}\mathbb{P}$	
evening set	-4895 Nov 04 j 15:26	19° \mathbb{A} 02'28		inferior conj	-4894 Oct 25 j 08:43	26° \mathbb{P} 37'28	1°33'47
inferior conj	-4895 Nov 10 j 06:11	13° \mathbb{A} 06'58	2°22'10	minimum elong	-4894 Oct 25 j 06:40	26° \mathbb{P} 44'24	1°33'01
minimum elong	-4895 Nov 10 j 03:18	13° \mathbb{A} 16'16	2°21'10	min. Earth dist.	-4894 Oct 26 j 01:12	25° \mathbb{P} 41'53	0.66823 AU
min. Earth dist.	-4895 Nov 11 j 10:35	11° \mathbb{A} 35'22	0.66073 AU	morning rise	-4894 Oct 30 j 15:00	20° \mathbb{P} 22'03	
morning rise	-4895 Nov 15 j 14:56	6° \mathbb{A} 54'46		direct	-4894 Nov 05 j 04:05	17° \mathbb{P} 57'46	
direct	-4895 Nov 21 j 19:00	4° \mathbb{A} 13'35		morning max el	-4894 Nov 16 j 13:07	24° \mathbb{P} 44'10	24°37'31
morning max el	-4895 Dec 04 j 04:15	11° \mathbb{A} 30'45	25°56'27		-4894 Nov 21 j 07:26	0° \mathbb{A}	
desc. node	-4895 Dec 15 j 21:37	25° \mathbb{A} 36'40		desc. node	-4894 Dec 02 j 18:33	15° \mathbb{A} 12'50	
	-4895 Dec 19 j 01:09	0° \mathbb{M}			-4894 Dec 12 j 12:52	0° \mathbb{M}	
	-4894 Jan 06 j 17:25	0° \mathbb{X}		morning set	-4894 Dec 22 j 12:38	16° \mathbb{M} 40'58	
morning set	-4894 Jan 09 j 09:32	4° \mathbb{X} 51'11		max. Earth dist.	-4894 Dec 26 j 07:03	23° \mathbb{M} 25'13	1.37633 AU
max. Earth dist.	-4894 Jan 13 j 08:04	12° \mathbb{X} 16'53	1.35802 AU		-4894 Dec 29 j 20:12	0° \mathbb{X}	
superior conj	-4894 Jan 18 j 14:05	22° \mathbb{X} 39'25	-1°33'54	superior conj	-4893 Jan 01 j 23:41	6° \mathbb{X} 00'57	-1°47'27
minimum elong	-4894 Jan 18 j 17:02	22° \mathbb{X} 54'18	1°33'52	minimum elong	-4893 Jan 02 j 01:47	6° \mathbb{X} 11'09	1°47'33
	-4894 Jan 22 j 04:22	0° \mathbb{Z}		evening rise	-4893 Jan 10 j 11:46	22° \mathbb{X} 51'11	
evening rise	-4894 Jan 26 j 10:41	8° \mathbb{Z} 45'52			-4893 Jan 14 j 03:20	0° \mathbb{Z}	
asc. node	-4894 Jan 29 j 17:04	15° \mathbb{Z} 19'08		asc. node	-4893 Jan 16 j 14:08	4° \mathbb{Z} 35'05	
	-4894 Feb 07 j 01:40	0° \mathbb{A}		evening max el	-4893 Jan 27 j 09:34	20° \mathbb{Z} 07'28	19°13'02
evening max el	-4894 Feb 13 j 16:26	8° \mathbb{A} 07'35	20°13'55	retrograde	-4893 Feb 05 j 05:57	24° \mathbb{Z} 20'38	
retrograde	-4894 Feb 24 j 02:23	13° \mathbb{A} 03'34		evening set	-4893 Feb 07 j 15:31	24° \mathbb{Z} 03'23	
evening set	-4894 Feb 26 j 10:57	12° \mathbb{A} 49'31		inferior conj	-4893 Feb 15 j 18:43	19° \mathbb{Z} 51'57	3°08'32
inferior conj	-4894 Mar 07 j 06:38	8° \mathbb{A} 50'19	1°45'24	minimum elong	-4893 Feb 15 j 23:38	19° \mathbb{Z} 43'33	3°07'13
minimum elong	-4894 Mar 07 j 10:52	8° \mathbb{A} 43'59	1°43'52	min. Earth dist.	-4893 Feb 18 j 17:53	17° \mathbb{Z} 51'42	0.56889 AU
min. Earth dist.	-4894 Mar 09 j 03:02	7° \mathbb{A} 44'07	0.55640 AU	morning rise	-4893 Feb 24 j 05:12	14° \mathbb{Z} 56'15	
desc. node	-4894 Mar 13 j 20:53	5° \mathbb{A} 16'18		desc. node	-4893 Feb 28 j 18:00	13° \mathbb{Z} 59'34	
morning rise	-4894 Mar 16 j 09:01	4° \mathbb{A} 24'23		direct	-4893 Mar 01 j 04:16	13° \mathbb{Z} 59'08	
direct	-4894 Mar 20 j 02:21	3° \mathbb{A} 54'02		morning max el	-4893 Mar 15 j 08:08	21° \mathbb{Z} 13'47	25°11'18
morning max el	-4894 Apr 02 j 17:10	10° \mathbb{A} 37'44	23°34'30		-4893 Mar 22 j 22:24	0° \mathbb{A}	
	-4894 Apr 17 j 01:04	0° \mathbb{H}			-4893 Apr 09 j 10:00	0° \mathbb{H}	
morning set	-4894 Apr 26 j 10:12	18° \mathbb{H} 06'10		morning set	-4893 Apr 10 j 22:29	3° \mathbb{H} 09'36	
asc. node	-4894 Apr 27 j 16:45	20° \mathbb{H} 47'05		asc. node	-4893 Apr 14 j 13:42	10° \mathbb{H} 55'35	
	-4894 May 01 j 23:58	0° \mathbb{Y}					
				superior conj	-4893 Apr 17 j 22:40	18° \mathbb{H} 15'35	0°34'19
superior conj	-4894 May 03 j 12:47	3° \mathbb{Y} 17'38	0°56'57	minimum elong	-4893 Apr 17 j 21:13	18° \mathbb{H} 07'39	0°33'57
minimum elong	-4894 May 03 j 10:31	3° \mathbb{Y} 05'31	0°56'32	max. Earth dist.	-4893 Apr 19 j 01:06	20° \mathbb{H} 39'03	1.32990 AU
max. Earth dist.	-4894 May 05 j 16:07	7° \mathbb{Y} 51'05	1.33673 AU		-4893 Apr 23 j 10:16	0° \mathbb{Y}	
evening rise	-4894 May 11 j 02:10	19° \mathbb{Y} 01'15		evening rise	-4893 Apr 25 j 03:53	3° \mathbb{Y} 35'26	
	-4894 May 16 j 19:22	0° \mathbb{B}			-4893 May 09 j 14:12	0° \mathbb{B}	
	-4894 Jun 04 j 20:49	0° \mathbb{I}		evening max el	-4893 May 27 j 02:05	22° \mathbb{B} 48'09	27°16'36
desc. node	-4894 Jun 09 j 19:17	6° \mathbb{I} 00'04		desc. node	-4893 May 27 j 16:27	23° \mathbb{B} 22'05	
evening max el	-4894 Jun 13 j 18:29	10° \mathbb{I} 09'25	27°24'16		-4893 Jun 07 j 20:04	0° \mathbb{I}	
retrograde	-4894 Jun 27 j 09:31	17° \mathbb{I} 34'23		retrograde	-4893 Jun 09 j 23:40	0° \mathbb{I} 12'32	
evening set	-4894 Jul 04 j 12:38	14° \mathbb{I} 52'42			-4893 Jun 12 j 02:13	30° $\mathbb{R}\mathbb{B}$	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4893 Jun 17 j 00:26	27° $\text{851}'22$		desc. node	-4892 May 13 j 13:37	9° $\text{809}'45$	
min. Earth dist.	-4893 Jun 20 j 15:14	24° $\text{859}'50$	0.62024 AU	retrograde	-4892 May 22 j 06:19	12° $\text{808}'58$	
inferior conj	-4893 Jun 23 j 16:56	22° $\text{808}'26$	-4°07'03	evening set	-4892 May 28 j 17:23	10° $\text{821}'16$	
minimum elong	-4893 Jun 23 j 18:56	22° $\text{803}'47$	4°06'42	min. Earth dist.	-4892 Jun 01 j 17:49	7° $\text{838}'48$	0.60015 AU
morning rise	-4893 Jun 30 j 14:49	17° $\text{808}'18$		inferior conj	-4892 Jun 05 j 02:41	4° $\text{854}'37$	-4°12'14
direct	-4893 Jul 03 j 05:03	16° $\text{838}'45$		minimum elong	-4892 Jun 05 j 02:02	4° $\text{855}'57$	4°12'05
morning max el	-4893 Jul 09 j 23:32	20° $\text{803}'07$	17°58'23	morning rise	-4892 Jun 12 j 12:55	0° $\text{815}'44$	
asc. node	-4893 Jul 11 j 13:29	21° $\text{844}'33$			-4892 Jun 13 j 14:37	30° $\text{87}'$	
	-4893 Jul 17 j 09:01	0° II		direct	-4892 Jun 15 j 01:22	29° $\text{852}'03$	
morning set	-4893 Jul 26 j 05:34	15° $\text{II31}'39$			-4892 Jun 16 j 11:38	0° 8	
	-4893 Aug 03 j 07:55	0° 8		morning max el	-4892 Jun 22 j 10:48	3° $\text{826}'38$	18°15'09
				asc. node	-4892 Jun 27 j 10:31	9° $\text{832}'38$	
superior conj	-4893 Aug 06 j 03:49	4° $\text{854}'40$	1°35'05	morning set	-4892 Jul 08 j 11:38	28° $\text{850}'51$	
minimum elong	-4893 Aug 06 j 08:16	5° $\text{813}'49$	1°35'00		-4892 Jul 09 j 02:17	0° II	
max. Earth dist.	-4893 Aug 13 j 08:35	17° $\text{800}'07$	1.42619 AU				
evening rise	-4893 Aug 20 j 16:26	28° $\text{845}'51$		superior conj	-4892 Jul 18 j 02:06	16° $\text{II44}'12$	1°47'39
	-4893 Aug 21 j 11:20	0° 8		minimum elong	-4892 Jul 18 j 03:41	16° $\text{II51}'23$	1°47'52
desc. node	-4893 Aug 23 j 15:23	3° $\text{822}'40$		max. Earth dist.	-4892 Jul 25 j 14:08	29° $\text{II55}'20$	1.40861 AU
	-4893 Sep 10 j 16:51	0° 8			-4892 Jul 25 j 15:14	0° 8	
evening max el	-4893 Sep 21 j 01:38	12° $\text{848}'59$	21°39'35	evening rise	-4892 Jul 30 j 15:04	8° $\text{819}'49$	
retrograde	-4893 Sep 30 j 00:11	18° $\text{807}'25$		desc. node	-4892 Aug 09 j 12:24	23° $\text{854}'37$	
evening set	-4893 Oct 04 j 06:12	16° $\text{827}'33$			-4892 Aug 13 j 14:04	0° 8	
asc. node	-4893 Oct 07 j 12:28	13° $\text{800}'52$		evening max el	-4892 Sep 02 j 16:58	26° $\text{813}'38$	22°58'40
inferior conj	-4893 Oct 09 j 14:12	10° $\text{813}'55$	0°42'10		-4892 Sep 07 j 01:26	0° 8	
minimum elong	-4893 Oct 09 j 13:14	10° $\text{817}'14$	0°41'51	retrograde	-4892 Sep 12 j 18:05	2° $\text{811}'02$	
min. Earth dist.	-4893 Oct 09 j 19:58	9° $\text{853}'59$	0.67252 AU	evening set	-4892 Sep 17 j 13:43	0° $\text{811}'32$	
morning rise	-4893 Oct 14 j 20:07	3° $\text{858}'03$			-4892 Sep 17 j 19:05	30° $\text{88}'$	
direct	-4893 Oct 19 j 18:02	1° $\text{854}'18$		inferior conj	-4892 Sep 22 j 20:46	23° $\text{854}'05$	-0°10'57
morning max el	-4893 Oct 29 j 23:00	8° $\text{800}'20$	23°11'39	minimum elong	-4892 Sep 22 j 21:01	23° $\text{853}'14$	0°10'42
	-4893 Nov 16 j 02:05	0° 8		transit middle	-4892 Sep 22 j 21:01	23° $\text{853}'14$	0°10'42
desc. node	-4893 Nov 19 j 15:29	5° $\text{814}'08$		transit begin	-4892 Sep 22 j 18:59	24° $\text{800}'17$	
morning set	-4893 Dec 03 j 14:07	27° $\text{813}'15$		transit end	-4892 Sep 22 j 23:04	23° $\text{846}'12$	
	-4893 Dec 05 j 05:54	0° 8		min. Earth dist.	-4892 Sep 22 j 16:22	24° $\text{809}'16$	0.67387 AU
max. Earth dist.	-4893 Dec 08 j 03:08	4° $\text{855}'44$	1.39676 AU	asc. node	-4892 Sep 23 j 09:38	23° $\text{809}'50$	
				morning rise	-4892 Sep 28 j 04:12	17° $\text{840}'57$	
superior conj	-4893 Dec 15 j 18:30	18° $\text{835}'04$	-1°52'59	direct	-4892 Oct 02 j 12:00	15° $\text{858}'11$	
minimum elong	-4893 Dec 15 j 18:31	18° $\text{835}'10$	1°53'09	morning max el	-4892 Oct 11 j 12:51	21° $\text{820}'22$	21°47'30
	-4893 Dec 21 j 19:59	0° 8			-4892 Oct 18 j 19:42	0° 8	
evening rise	-4893 Dec 25 j 04:43	6° $\text{827}'33$		desc. node	-4892 Nov 05 j 12:23	25° $\text{832}'36$	
asc. node	-4892 Jan 03 j 11:13	23° $\text{821}'00$			-4892 Nov 08 j 09:41	0° 8	
	-4892 Jan 08 j 01:49	0° 8		morning set	-4892 Nov 12 j 11:06	6° $\text{823}'12$	
evening max el	-4892 Jan 10 j 11:46	2° $\text{839}'44$	18°32'01	max. Earth dist.	-4892 Nov 19 j 03:22	17° $\text{814}'00$	1.41669 AU
retrograde	-4892 Jan 18 j 03:32	6° $\text{824}'12$					
evening set	-4892 Jan 20 j 15:48	6° $\text{801}'26$		superior conj	-4892 Nov 26 j 17:02	0° $\text{807}'09$	-1°47'06
inferior conj	-4892 Jan 28 j 02:48	1° $\text{830}'47$	3°53'34	minimum elong	-4892 Nov 26 j 13:46	29° $\text{852}'55$	1°47'03
minimum elong	-4892 Jan 28 j 05:21	1° $\text{825}'43$	3°53'03		-4892 Nov 26 j 15:23	0° 8	
	-4892 Jan 30 j 00:32	30° $\text{88}'$		evening rise	-4892 Dec 07 j 10:09	19° $\text{826}'28$	
min. Earth dist.	-4892 Jan 31 j 11:38	28° $\text{852}'15$	0.58680 AU		-4892 Dec 13 j 05:27	0° 8	
morning rise	-4892 Feb 04 j 16:41	26° $\text{809}'40$		asc. node	-4892 Dec 20 j 08:20	11° $\text{826}'35$	
direct	-4892 Feb 10 j 19:33	24° $\text{834}'18$		evening max el	-4892 Dec 23 j 20:21	15° $\text{835}'38$	18°11'02
desc. node	-4892 Feb 15 j 15:07	25° $\text{831}'22$		retrograde	-4892 Dec 30 j 18:16	19° $\text{806}'04$	
	-4892 Feb 22 j 18:16	0° 8		evening set	-4891 Jan 02 j 09:14	18° $\text{836}'27$	
morning max el	-4892 Feb 25 j 01:29	2° $\text{805}'25$	26°32'18	inferior conj	-4891 Jan 09 j 06:21	13° $\text{844}'06$	4°05'41
	-4892 Mar 16 j 01:19	0° 8		minimum elong	-4891 Jan 09 j 06:02	13° $\text{844}'50$	4°05'25
morning set	-4892 Mar 25 j 09:39	18° $\text{809}'34$		min. Earth dist.	-4891 Jan 12 j 10:55	10° $\text{850}'31$	0.60677 AU
	-4892 Mar 30 j 22:02	0° 8		morning rise	-4891 Jan 16 j 01:24	8° $\text{805}'03$	
asc. node	-4892 Mar 31 j 10:42	1° $\text{809}'13$		direct	-4891 Jan 22 j 21:52	5° $\text{852}'11$	
				desc. node	-4891 Feb 01 j 12:12	9° $\text{838}'27$	
superior conj	-4892 Apr 01 j 10:16	3° $\text{818}'06$	0°10'12	morning max el	-4891 Feb 06 j 00:28	13° $\text{830}'49$	27°24'37
minimum elong	-4892 Apr 01 j 09:50	3° $\text{815}'40$	0°09'59		-4891 Feb 19 j 05:46	0° 8	
behind sun begin	-4892 Apr 01 j 05:56	2° $\text{854}'22$			-4891 Mar 08 j 06:57	0° 8	
behind sun end	-4892 Apr 01 j 13:43	3° $\text{836}'58$		morning set	-4891 Mar 09 j 17:47	2° $\text{858}'08$	
max. Earth dist.	-4892 Apr 01 j 14:01	3° $\text{838}'37$	1.32648 AU	max. Earth dist.	-4891 Mar 16 j 03:05	16° $\text{835}'38$	1.32645 AU
evening rise	-4892 Apr 08 j 11:01	18° $\text{825}'26$					
	-4892 Apr 14 j 06:17	0° 8		superior conj	-4891 Mar 16 j 21:50	18° $\text{817}'55$	-0°14'37
	-4892 May 03 j 16:16	0° 8		minimum elong	-4891 Mar 16 j 22:29	18° $\text{821}'30$	0°14'39
evening max el	-4892 May 08 j 04:31	4° $\text{848}'10$	26°36'15	behind sun begin	-4891 Mar 16 j 20:36	18° $\text{811}'13$	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

behind sun end	-4891 Mar 17 j 00:22	18° \approx 31'47		minimum elong	-4890 Mar 01 j 09:24	3° \approx 18'32	0°39'05
asc. node	-4891 Mar 18 j 07:41	21° \approx 22'53		asc. node	-4890 Mar 05 j 04:40	11° \approx 32'40	
	-4891 Mar 22 j 07:08	0° X		evening rise	-4890 Mar 08 j 08:52	18° \approx 19'31	
evening rise	-4891 Mar 23 j 21:18	3° X 22'21			-4890 Mar 14 j 03:59	0° X	
	-4891 Apr 07 j 07:34	0° Y		evening max el	-4890 Apr 01 j 17:18	26° X 57'09	23°58'04
evening max el	-4891 Apr 20 j 00:56	16° Y 07'21	25°26'49		-4890 Apr 05 j 07:46	0° Y	
desc. node	-4891 Apr 30 j 10:47	22° Y 47'18		retrograde	-4890 Apr 15 j 11:22	3° Y 49'10	
retrograde	-4891 May 04 j 03:00	23° Y 19'10		desc. node	-4890 Apr 17 j 07:59	3° Y 41'23	
evening set	-4891 May 09 j 12:56	22° Y 10'09		evening set	-4890 Apr 19 j 14:00	3° Y 11'46	
min. Earth dist.	-4891 May 14 j 13:31	19° Y 20'32	0.58018 AU	min. Earth dist.	-4890 Apr 26 j 05:04	0° Y 02'14	0.56361 AU
inferior conj	-4891 May 17 j 18:09	17° Y 05'56	-3°49'31		-4890 Apr 26 j 06:33	30° R X	
minimum elong	-4891 May 17 j 14:12	17° Y 12'56	3°48'52	inferior conj	-4890 Apr 28 j 13:27	28° X 35'30	-2°49'40
morning rise	-4891 May 25 j 18:23	12° Y 47'36		minimum elong	-4890 Apr 28 j 07:48	28° X 44'15	2°48'13
direct	-4891 May 28 j 05:39	12° Y 28'37		morning rise	-4890 May 07 j 04:32	24° X 33'12	
morning max el	-4891 Jun 05 j 16:03	16° Y 26'34	18°51'59	direct	-4890 May 09 j 15:16	24° X 17'34	
asc. node	-4891 Jun 14 j 07:33	28° Y 05'43		morning max el	-4890 May 19 j 12:33	28° X 53'27	19°49'15
	-4891 Jun 15 j 10:05	0° Z			-4890 May 20 j 15:38	0° Y	
morning set	-4891 Jun 22 j 05:12	12° Z 46'29		asc. node	-4890 Jun 01 j 04:31	17° Y 12'43	
				morning set	-4890 Jun 06 j 06:52	27° Y 09'16	
superior conj	-4891 Jun 30 j 20:46	29° Z 36'17	1°48'40		-4890 Jun 07 j 16:41	0° Z	
minimum elong	-4891 Jun 30 j 19:58	29° Z 32'30	1°48'53				
	-4891 Jul 01 j 01:45	0° II		superior conj	-4890 Jun 14 j 06:20	13° Z 15'17	1°41'03
max. Earth dist.	-4891 Jul 07 j 16:00	12° II 10'04	1.38926 AU	minimum elong	-4890 Jun 14 j 04:08	13° Z 04'21	1°41'04
evening rise	-4891 Jul 11 j 15:57	19° II 10'36		max. Earth dist.	-4890 Jun 19 j 19:12	23° Z 59'26	1.37061 AU
	-4891 Jul 18 j 04:00	0° E			-4890 Jun 23 j 00:59	0° II	
desc. node	-4891 Jul 27 j 09:25	14° E 14'34		evening rise	-4890 Jun 23 j 17:30	1° II 14'51	
	-4891 Aug 07 j 18:53	0° O			-4890 Jul 11 j 07:28	0° E	
evening max el	-4891 Aug 16 j 04:41	9° O 40'55	24°19'25	desc. node	-4890 Jul 14 j 06:29	4° E 16'14	
retrograde	-4891 Aug 27 j 08:21	16° O 13'45		evening max el	-4890 Jul 29 j 15:13	23° E 10'36	25°34'19
evening set	-4891 Sep 01 j 18:56	13° O 54'40			-4890 Aug 09 j 01:14	0° O	
min. Earth dist.	-4891 Sep 06 j 11:53	8° O 26'45	0.67226 AU	retrograde	-4890 Aug 10 j 18:18	0° O 10'52	
inferior conj	-4891 Sep 07 j 02:42	7° O 36'44	-1°03'53		-4890 Aug 12 j 09:52	30° R E	
minimum elong	-4891 Sep 07 j 04:10	7° O 31'47	1°03'04	evening set	-4890 Aug 16 j 19:54	27° E 34'47	
asc. node	-4891 Sep 10 j 06:47	3° O 36'26		min. Earth dist.	-4890 Aug 21 j 04:00	22° E 44'06	0.66743 AU
morning rise	-4891 Sep 12 j 13:22	1° O 29'34		inferior conj	-4890 Aug 22 j 06:14	21° E 19'25	-1°54'57
direct	-4891 Sep 16 j 08:48	0° O 06'22		minimum elong	-4890 Aug 22 j 08:47	21° E 11'10	1°53'44
morning max el	-4891 Sep 24 j 09:15	4° O 48'09	20°31'51	morning rise	-4890 Aug 27 j 21:45	15° E 21'30	
	-4891 Oct 12 j 21:45	0° P		asc. node	-4890 Aug 28 j 03:54	15° E 11'51	
morning set	-4891 Oct 22 j 12:07	14° P 40'53		direct	-4890 Aug 31 j 06:55	14° E 15'13	
desc. node	-4891 Oct 23 j 09:16	16° P 03'07		morning max el	-4890 Sep 07 j 12:52	18° E 24'30	19°28'57
	-4891 Nov 01 j 04:54	0° A			-4890 Sep 16 j 12:00	0° O	
max. Earth dist.	-4891 Nov 01 j 11:21	0° A 26'01	1.43321 AU	morning set	-4890 Oct 01 j 14:39	23° O 09'35	
					-4890 Oct 05 j 23:45	0° P	
superior conj	-4891 Nov 07 j 13:46	10° A 24'25	-1°26'18	desc. node	-4890 Oct 10 j 06:08	6° P 41'12	
minimum elong	-4891 Nov 07 j 07:29	9° A 58'21	1°25'46	max. Earth dist.	-4890 Oct 15 j 01:48	14° P 17'28	1.44406 AU
	-4891 Nov 19 j 01:08	0° M					
evening rise	-4891 Nov 19 j 23:57	1° M 39'47		superior conj	-4890 Oct 18 j 07:08	19° P 24'57	-0°49'16
asc. node	-4891 Dec 07 j 05:27	28° M 39'57		minimum elong	-4890 Oct 18 j 01:27	19° P 02'18	0°48'31
evening max el	-4891 Dec 07 j 08:25	28° M 47'29	18°09'34		-4890 Oct 24 j 20:41	0° A	
	-4891 Dec 08 j 15:49	0° J		evening rise	-4890 Nov 01 j 17:19	12° A 57'22	
retrograde	-4891 Dec 13 j 22:24	2° J 16'44			-4890 Nov 12 j 01:00	0° M	
evening set	-4891 Dec 16 j 16:25	1° J 39'15		evening max el	-4890 Nov 20 j 21:05	12° M 08'14	18°26'53
	-4891 Dec 19 j 07:29	30° R M		asc. node	-4890 Nov 24 j 02:34	14° M 46'18	
inferior conj	-4891 Dec 23 j 02:14	26° M 25'44	3°53'59	retrograde	-4890 Nov 27 j 11:35	15° M 46'57	
minimum elong	-4891 Dec 22 j 23:56	26° M 31'42	3°53'30	evening set	-4890 Nov 30 j 09:47	15° M 00'09	
min. Earth dist.	-4891 Dec 25 j 18:44	23° M 39'22	0.62578 AU	inferior conj	-4890 Dec 06 j 10:38	9° M 27'51	3°26'13
morning rise	-4891 Dec 29 j 06:39	20° M 33'36		minimum elong	-4890 Dec 06 j 07:28	9° M 36'57	3°25'22
direct	-4890 Jan 05 j 08:41	17° M 54'40		min. Earth dist.	-4890 Dec 08 j 12:38	7° M 04'24	0.64203 AU
morning max el	-4890 Jan 19 j 05:24	25° M 36'26	27°41'36	morning rise	-4890 Dec 12 j 04:41	3° M 25'41	
desc. node	-4890 Jan 19 j 09:15	25° M 45'55		direct	-4890 Dec 19 j 02:38	0° M 35'36	
	-4890 Jan 23 j 07:53	0° J		morning max el	-4889 Jan 01 j 14:13	8° M 16'04	27°23'21
	-4890 Feb 12 j 15:47	0° Z		desc. node	-4889 Jan 06 j 06:14	13° M 19'47	
morning set	-4890 Feb 21 j 20:44	17° Z 28'02			-4889 Jan 18 j 13:21	0° J	
max. Earth dist.	-4890 Feb 27 j 12:37	29° Z 17'26	1.32999 AU		-4889 Feb 04 j 21:21	0° Z	
	-4890 Feb 27 j 20:33	0° \approx		morning set	-4889 Feb 05 j 15:49	1° Z 30'21	
				max. Earth dist.	-4889 Feb 10 j 14:41	11° Z 31'28	1.33740 AU
superior conj	-4890 Mar 01 j 07:42	3° \approx 09'17	-0°39'12				

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4889 Feb 13 j 14:03	17° ♁ 46'06	-1°02'36		-4888 Jan 27 j 15:11	0° ♁	
minimum elong	-4889 Feb 13 j 16:36	17° ♁ 59'41	1°02'26				
	-4889 Feb 19 j 07:45	0° ♁		superior conj	-4888 Jan 28 j 14:40	2° ♁ 00'41	-1°23'35
asc. node	-4889 Feb 20 j 01:39	1° ♁ 34'34		minimum elong	-4888 Jan 28 j 17:40	2° ♁ 16'08	1°23'27
evening rise	-4889 Feb 20 j 19:57	3° ♁ 10'40		evening rise	-4888 Feb 05 j 04:45	17° ♁ 48'53	
	-4889 Mar 07 j 20:42	0° ♁		asc. node	-4888 Feb 06 j 22:40	21° ♁ 23'18	
evening max el	-4889 Mar 14 j 11:03	7° ♁ 42'42	22°24'02		-4888 Feb 11 j 08:45	0° ♁	
retrograde	-4889 Mar 27 j 07:49	13° ♁ 58'26		evening max el	-4888 Feb 24 j 12:04	18° ♁ 48'48	20°57'15
evening set	-4889 Mar 30 j 07:40	13° ♁ 38'41		retrograde	-4888 Mar 06 j 21:43	24° ♁ 14'28	
desc. node	-4889 Apr 04 j 05:10	11° ♁ 52'14		evening set	-4888 Mar 09 j 08:00	24° ♁ 00'37	
min. Earth dist.	-4889 Apr 07 j 19:20	9° ♁ 56'52	0.55369 AU	inferior conj	-4888 Mar 18 j 11:15	20° ♁ 02'19	0°43'11
inferior conj	-4889 Apr 08 j 15:44	9° ♁ 27'51	-1°12'24	minimum elong	-4888 Mar 18 j 13:12	19° ♁ 59'32	0°42'20
minimum elong	-4889 Apr 08 j 12:30	9° ♁ 32'28	1°11'27	min. Earth dist.	-4888 Mar 19 j 09:39	19° ♁ 30'16	0.55270 AU
morning rise	-4889 Apr 17 j 19:00	5° ♁ 29'50		desc. node	-4888 Mar 21 j 02:19	18° ♁ 33'19	
direct	-4889 Apr 20 j 08:42	5° ♁ 14'41		morning rise	-4888 Mar 27 j 17:36	15° ♁ 50'28	
morning max el	-4889 May 01 j 22:35	10° ♁ 40'59	21°05'50	direct	-4888 Mar 30 j 20:51	15° ♁ 29'01	
	-4889 May 15 j 13:09	0° ♁		morning max el	-4888 Apr 12 j 22:08	21° ♁ 48'16	22°37'48
asc. node	-4889 May 19 j 01:28	6° ♁ 45'20			-4888 Apr 19 j 22:48	0° ♁	
morning set	-4889 May 21 j 14:04	11° ♁ 52'12		asc. node	-4888 May 04 j 22:24	26° ♁ 36'02	
				morning set	-4888 May 05 j 00:39	26° ♁ 47'41	
superior conj	-4889 May 29 j 02:31	27° ♁ 28'58	1°27'13		-4888 May 06 j 13:18	0° ♁	
minimum elong	-4889 May 28 j 23:47	27° ♁ 14'58	1°26'59				
	-4889 May 30 j 07:58	0° ♁		superior conj	-4888 May 12 j 05:55	12° ♁ 06'02	1°08'56
max. Earth dist.	-4889 Jun 02 j 05:15	5° ♁ 48'58	1.35461 AU	minimum elong	-4888 May 12 j 03:20	11° ♁ 52'26	1°08'34
evening rise	-4889 Jun 06 j 14:35	14° ♁ 19'37		max. Earth dist.	-4888 May 15 j 01:05	17° ♁ 58'17	1.34217 AU
	-4889 Jun 15 j 08:59	0° ♁		evening rise	-4888 May 20 j 01:57	28° ♁ 08'57	
desc. node	-4889 Jul 01 j 03:35	23° ♁ 51'40			-4888 May 21 j 00:44	0° ♁	
	-4889 Jul 05 j 23:55	0° ♁			-4888 Jun 07 j 13:43	0° ♁	
evening max el	-4889 Jul 12 j 02:06	6° ♁ 39'11	26°35'12	desc. node	-4888 Jun 17 j 00:44	12° ♁ 48'56	
retrograde	-4889 Jul 24 j 23:31	13° ♁ 56'43		evening max el	-4888 Jun 23 j 13:16	19° ♁ 58'01	27°14'20
evening set	-4889 Jul 31 j 14:27	11° ♁ 09'57		retrograde	-4888 Jul 06 j 23:33	27° ♁ 22'54	
min. Earth dist.	-4889 Aug 04 j 14:32	6° ♁ 57'49	0.65904 AU	evening set	-4888 Jul 13 j 23:50	24° ♁ 35'41	
inferior conj	-4889 Aug 06 j 05:26	4° ♁ 59'56	-2°42'16	min. Earth dist.	-4888 Jul 17 j 17:19	21° ♁ 00'33	0.64679 AU
minimum elong	-4889 Aug 06 j 08:47	4° ♁ 49'47	2°40'57	inferior conj	-4888 Jul 19 j 22:04	18° ♁ 33'51	-3°23'28
	-4889 Aug 11 j 00:02	30° ♁ 11		minimum elong	-4888 Jul 20 j 01:38	18° ♁ 23'53	3°22'22
morning rise	-4889 Aug 12 j 03:24	29° ♁ 14'20		morning rise	-4888 Jul 26 j 04:00	13° ♁ 03'32	
direct	-4889 Aug 15 j 04:31	28° ♁ 21'53		direct	-4888 Jul 28 j 23:21	12° ♁ 21'50	
asc. node	-4889 Aug 15 j 00:59	28° ♁ 22'00		asc. node	-4888 Jul 31 j 22:03	13° ♁ 07'17	
	-4889 Aug 19 j 12:19	0° ♁		morning max el	-4888 Aug 04 j 11:56	15° ♁ 52'24	18°10'28
morning max el	-4889 Aug 21 j 22:30	2° ♁ 07'29	18°41'18		-4888 Aug 14 j 14:12	0° ♁	
	-4889 Sep 09 j 21:57	0° ♁		morning set	-4888 Aug 22 j 17:07	13° ♁ 32'51	
morning set	-4889 Sep 11 j 14:17	2° ♁ 42'10			-4888 Sep 01 j 15:34	0° ♁	
superior conj	-4889 Sep 27 j 07:30	27° ♁ 41'33	-0°01'11	superior conj	-4888 Sep 05 j 12:51	6° ♁ 16'55	0°45'57
minimum elong	-4889 Sep 27 j 07:22	27° ♁ 41'01	0°01'01	minimum elong	-4888 Sep 05 j 17:56	6° ♁ 37'18	0°45'32
behind sun begin	-4889 Sep 26 j 19:59	26° ♁ 56'06		max. Earth dist.	-4888 Sep 09 j 12:34	12° ♁ 38'42	1.44459 AU
behind sun end	-4889 Sep 27 j 18:46	28° ♁ 25'57		desc. node	-4888 Sep 12 j 23:58	18° ♁ 08'00	
desc. node	-4889 Sep 27 j 03:01	27° ♁ 23'49			-4888 Sep 20 j 14:14	0° ♁	
max. Earth dist.	-4889 Sep 27 j 19:15	28° ♁ 27'49	1.44797 AU	evening rise	-4888 Sep 22 j 03:01	2° ♁ 22'48	
	-4889 Sep 28 j 18:38	0° ♁		greatest brilliancy	-4888 Oct 05 j 01:05	22° ♁ 11'15	-0.7m
evening rise	-4889 Oct 13 j 10:12	23° ♁ 11'01			-4888 Oct 10 j 09:41	0° ♁	
	-4889 Oct 17 j 16:46	0° ♁		evening max el	-4888 Oct 17 j 14:26	9° ♁ 00'33	19°52'42
evening max el	-4889 Nov 04 j 07:48	25° ♁ 33'29	19°01'46	retrograde	-4888 Oct 25 j 02:54	13° ♁ 23'46	
asc. node	-4889 Nov 10 j 23:43	29° ♁ 30'10		asc. node	-4888 Oct 27 j 20:52	12° ♁ 39'48	
retrograde	-4889 Nov 11 j 06:03	29° ♁ 30'33		evening set	-4888 Oct 28 j 15:23	12° ♁ 11'31	
evening set	-4889 Nov 14 j 10:17	28° ♁ 32'23		inferior conj	-4888 Nov 03 j 04:10	6° ♁ 11'09	2°02'13
inferior conj	-4889 Nov 20 j 04:12	22° ♁ 44'23	2°47'44	minimum elong	-4888 Nov 03 j 01:36	6° ♁ 19'38	2°01'16
minimum elong	-4889 Nov 20 j 01:03	22° ♁ 54'15	2°46'42	min. Earth dist.	-4888 Nov 04 j 03:25	4° ♁ 54'30	0.66430 AU
min. Earth dist.	-4889 Nov 21 j 16:08	20° ♁ 52'30	0.65489 AU	morning rise	-4888 Nov 08 j 11:33	29° ♁ 57'02	
morning rise	-4889 Nov 25 j 15:28	16° ♁ 34'53			-4888 Nov 08 j 10:14	30° ♁ 11	
direct	-4889 Dec 02 j 03:07	13° ♁ 47'13		direct	-4888 Nov 14 j 09:26	27° ♁ 22'04	
morning max el	-4889 Dec 15 j 00:02	21° ♁ 17'14	26°34'49		-4888 Nov 21 j 05:06	0° ♁	
	-4889 Dec 22 j 15:28	0° ♁		morning max el	-4888 Nov 26 j 09:07	4° ♁ 28'16	25°24'16
desc. node	-4889 Dec 24 j 03:10	1° ♁ 54'33		desc. node	-4888 Dec 10 j 00:06	21° ♁ 12'29	
	-4888 Jan 11 j 16:55	0° ♁			-4888 Dec 16 j 01:22	0° ♁	
morning set	-4888 Jan 19 j 23:22	14° ♁ 52'59		morning set	-4887 Jan 01 j 14:36	27° ♁ 21'56	
max. Earth dist.	-4888 Jan 24 j 05:48	23° ♁ 09'32	1.34917 AU		-4887 Jan 03 j 01:19	0° ♁	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

max. Earth dist.	-4887 Jan 05 j 09:19	4° ♂ 20'06	1.36538 AU	morning set	-4887 Dec 14 j 07:27	8° ♂ 40'05	
				max. Earth dist.	-4887 Dec 18 j 05:54	15° ♂ 32'50	1.38496 AU
superior conj	-4887 Jan 11 j 06:50	15° ♂ 45'08	-1°40'28				
minimum elong	-4887 Jan 11 j 09:33	15° ♂ 58'40	1°40'28	superior conj	-4887 Dec 25 j 10:46	28° ♂ 48'23	-1°50'58
	-4887 Jan 18 j 08:00	0° ♂		minimum elong	-4887 Dec 25 j 12:09	28° ♂ 54'58	1°51'07
evening rise	-4887 Jan 19 j 09:20	2° ♂ 08'19			-4887 Dec 26 j 01:49	0° ♂	
asc. node	-4887 Jan 23 j 19:43	10° ♂ 53'20		evening rise	-4886 Jan 03 j 07:19	16° ♂ 02'05	
	-4887 Feb 05 j 11:23	0° ♂		asc. node	-4886 Jan 10 j 16:48	29° ♂ 57'27	
evening max el	-4887 Feb 05 j 23:27	0° ♂ 29'19	19°45'41		-4886 Jan 10 j 17:23	0° ♂	
retrograde	-4887 Feb 15 j 16:35	5° ♂ 05'08		evening max el	-4886 Jan 19 j 20:46	12° ♂ 44'00	18°53'04
evening set	-4887 Feb 18 j 01:05	4° ♂ 50'11		retrograde	-4886 Jan 28 j 03:21	16° ♂ 42'36	
inferior conj	-4887 Feb 26 j 14:05	0° ♂ 47'32	2°25'09	evening set	-4886 Jan 30 j 14:14	16° ♂ 23'03	
minimum elong	-4887 Feb 26 j 19:08	0° ♂ 39'36	2°23'32	inferior conj	-4886 Feb 07 j 10:20	12° ♂ 03'55	3°32'11
	-4887 Feb 27 j 20:18	30° ♂		minimum elong	-4886 Feb 07 j 14:28	11° ♂ 56'25	3°31'13
min. Earth dist.	-4887 Mar 01 j 00:09	29° ♂ 16'45	0.56087 AU	min. Earth dist.	-4886 Feb 10 j 15:41	9° ♂ 45'02	0.57616 AU
morning rise	-4887 Mar 07 j 10:45	26° ♂ 08'45		morning rise	-4886 Feb 15 j 12:14	6° ♂ 56'55	
desc. node	-4887 Mar 07 j 23:27	25° ♂ 59'30		direct	-4886 Feb 21 j 00:17	5° ♂ 44'11	
direct	-4887 Mar 11 j 16:27	25° ♂ 28'36		desc. node	-4886 Feb 22 j 20:34	5° ♂ 52'25	
	-4887 Mar 22 j 18:30	0° ♂		morning max el	-4886 Mar 07 j 05:30	13° ♂ 06'31	25°48'30
morning max el	-4887 Mar 25 j 14:25	2° ♂ 28'09	24°16'30		-4886 Mar 20 j 11:14	0° ♂	
	-4887 Apr 13 j 15:13	0° ♂		morning set	-4886 Apr 04 j 00:49	26° ♂ 52'23	
morning set	-4887 Apr 19 j 12:47	11° ♂ 49'47			-4886 Apr 05 j 12:18	0° ♂	
asc. node	-4887 Apr 21 j 19:23	16° ♂ 39'23		asc. node	-4886 Apr 08 j 16:22	6° ♂ 50'27	
superior conj	-4887 Apr 26 j 14:02	26° ♂ 58'16	0°47'35	superior conj	-4886 Apr 11 j 00:52	11° ♂ 58'43	0°24'13
minimum elong	-4887 Apr 26 j 12:05	26° ♂ 47'42	0°47'11	minimum elong	-4886 Apr 10 j 23:49	11° ♂ 53'01	0°23'54
	-4887 Apr 27 j 23:49	0° ♂		max. Earth dist.	-4886 Apr 11 j 17:25	13° ♂ 28'56	1.32810 AU
max. Earth dist.	-4887 Apr 28 j 06:09	0° ♂ 33'56	1.33343 AU	evening rise	-4886 Apr 18 j 03:46	27° ♂ 12'10	
evening rise	-4887 May 03 j 23:25	12° ♂ 30'03			-4886 Apr 19 j 12:35	0° ♂	
	-4887 May 13 j 05:43	0° ♂			-4886 May 06 j 16:23	0° ♂	
	-4887 Jun 03 j 02:28	0° ♂		evening max el	-4886 May 19 j 04:58	15° ♂ 19'32	27°03'25
desc. node	-4887 Jun 03 j 21:54	0° ♂ 51'52		desc. node	-4886 May 21 j 19:03	17° ♂ 37'51	
evening max el	-4887 Jun 05 j 23:05	2° ♂ 55'33	27°25'05	retrograde	-4886 Jun 02 j 04:25	22° ♂ 41'50	
retrograde	-4887 Jun 19 j 17:31	10° ♂ 20'38		evening set	-4886 Jun 09 j 00:52	20° ♂ 33'56	
evening set	-4887 Jun 26 j 20:38	7° ♂ 46'14		min. Earth dist.	-4886 Jun 12 j 18:26	17° ♂ 48'15	0.61185 AU
min. Earth dist.	-4887 Jun 30 j 10:49	4° ♂ 41'46	0.63083 AU	inferior conj	-4886 Jun 16 j 00:03	14° ♂ 57'39	-4°12'06
inferior conj	-4887 Jul 03 j 05:21	1° ♂ 55'31	-3°55'09	minimum elong	-4886 Jun 16 j 01:04	14° ♂ 55'24	4°11'53
minimum elong	-4887 Jul 03 j 08:16	1° ♂ 48'12	3°54'30	morning rise	-4886 Jun 23 j 02:56	10° ♂ 06'12	
	-4887 Jul 05 j 04:52	30° ♂		direct	-4886 Jun 25 j 16:26	9° ♂ 39'09	
morning rise	-4887 Jul 09 j 20:54	26° ♂ 43'22		morning max el	-4886 Jul 02 j 15:57	13° ♂ 06'19	18°03'08
direct	-4887 Jul 12 j 12:32	26° ♂ 09'53		asc. node	-4886 Jul 05 j 16:10	16° ♂ 31'54	
asc. node	-4887 Jul 18 j 19:07	29° ♂ 15'41			-4886 Jul 14 j 02:39	0° ♂	
morning max el	-4887 Jul 19 j 02:38	29° ♂ 33'55	17°57'26	morning set	-4886 Jul 18 j 17:40	8° ♂ 26'21	
	-4887 Jul 19 j 12:55	0° ♂					
morning set	-4887 Aug 04 j 20:02	25° ♂ 32'08		superior conj	-4886 Jul 29 j 01:06	27° ♂ 07'08	1°42'02
	-4887 Aug 07 j 09:01	0° ♂		minimum elong	-4886 Jul 29 j 04:22	27° ♂ 21'26	1°42'06
superior conj	-4887 Aug 16 j 17:08	16° ♂ 00'35	1°21'27		-4886 Jul 30 j 16:40	0° ♂	
minimum elong	-4887 Aug 16 j 22:49	16° ♂ 24'19	1°21'10	max. Earth dist.	-4886 Aug 05 j 12:42	9° ♂ 55'30	1.41910 AU
max. Earth dist.	-4887 Aug 23 j 03:07	26° ♂ 33'06	1.43452 AU	evening rise	-4886 Aug 11 j 17:26	20° ♂ 01'25	
	-4887 Aug 25 j 06:37	0° ♂		desc. node	-4886 Aug 17 j 17:57	29° ♂ 27'10	
desc. node	-4887 Aug 30 j 20:56	8° ♂ 50'08			-4886 Aug 18 j 02:30	0° ♂	
evening rise	-4887 Sep 01 j 06:41	11° ♂ 01'23			-4886 Sep 08 j 06:12	0° ♂	
	-4887 Sep 13 j 19:02	0° ♂		evening max el	-4886 Sep 13 j 09:51	5° ♂ 51'32	22°12'36
evening max el	-4887 Sep 30 j 15:17	22° ♂ 26'37	20°57'29	retrograde	-4886 Sep 22 j 19:11	11° ♂ 26'01	
retrograde	-4887 Oct 08 j 23:50	27° ♂ 22'55		evening set	-4886 Sep 27 j 06:56	9° ♂ 37'45	
evening set	-4887 Oct 12 j 22:53	25° ♂ 53'48		asc. node	-4886 Oct 01 j 15:12	4° ♂ 41'41	
asc. node	-4887 Oct 14 j 18:02	24° ♂ 15'06		inferior conj	-4886 Oct 02 j 14:20	3° ♂ 22'14	0°19'42
inferior conj	-4887 Oct 18 j 08:11	19° ♂ 44'14	1°12'12	minimum elong	-4886 Oct 02 j 13:52	3° ♂ 23'49	0°19'38
minimum elong	-4887 Oct 18 j 06:34	19° ♂ 49'45	1°11'36	min. Earth dist.	-4886 Oct 02 j 15:43	3° ♂ 17'26	0.67349 AU
min. Earth dist.	-4887 Oct 18 j 20:04	19° ♂ 03'43	0.67043 AU		-4886 Oct 05 j 02:59	30° ♂	
morning rise	-4887 Oct 23 j 14:04	13° ♂ 28'22		morning rise	-4886 Oct 07 j 20:41	27° ♂ 07'25	
direct	-4887 Oct 28 j 20:47	11° ♂ 12'20		direct	-4886 Oct 12 j 12:28	25° ♂ 12'43	
morning max el	-4887 Nov 08 j 17:53	17° ♂ 42'03	24°01'17		-4886 Oct 21 j 04:58	0° ♂	
	-4887 Nov 19 j 00:35	0° ♂		morning max el	-4886 Oct 22 j 05:03	0° ♂ 59'21	22°35'15
desc. node	-4887 Nov 26 j 21:02	11° ♂ 00'27			-4886 Nov 12 j 23:25	0° ♂	
	-4887 Dec 09 j 03:17	0° ♂		desc. node	-4886 Nov 13 j 17:58	1° ♂ 09'53	
				morning set	-4886 Nov 24 j 20:40	18° ♂ 36'02	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

max. Earth dist.	-4886 Nov 30 j 03:35	27° \mathfrak{A} 23'45	1.40556 AU	morning set	-4885 Nov 04 j 07:16	27° \mathfrak{M} 18'06	
	-4886 Dec 01 j 16:11	0° \mathfrak{M}			-4885 Nov 06 j 00:22	0° \mathfrak{A}	
				max. Earth dist.	-4885 Nov 12 j 07:12	10° \mathfrak{A} 06'28	1.42423 AU
superior conj	-4886 Dec 07 j 21:40	10° \mathfrak{M} 57'52	-1°52'06				
minimum elong	-4886 Dec 07 j 20:24	10° \mathfrak{M} 52'10	1°52'14	superior conj	-4885 Nov 19 j 09:45	21° \mathfrak{A} 59'11	-1°40'16
evening rise	-4886 Dec 17 j 19:48	29° \mathfrak{M} 23'35		minimum elong	-4885 Nov 19 j 05:01	21° \mathfrak{A} 38'56	1°40'02
	-4886 Dec 18 j 03:31	0° \mathfrak{A}			-4885 Nov 24 j 00:43	0° \mathfrak{M}	
asc. node	-4886 Dec 28 j 13:54	18° \mathfrak{A} 27'29		evening rise	-4885 Nov 30 j 19:09	12° \mathfrak{M} 04'43	
evening max el	-4885 Jan 03 j 01:58	25° \mathfrak{A} 26'57	18°20'33		-4885 Dec 11 j 02:08	0° \mathfrak{A}	
retrograde	-4885 Jan 10 j 08:48	29° \mathfrak{A} 03'55		asc. node	-4885 Dec 15 j 11:00	6° \mathfrak{A} 12'54	
evening set	-4885 Jan 12 j 22:15	28° \mathfrak{A} 38'17		evening max el	-4885 Dec 17 j 12:20	8° \mathfrak{A} 30'42	18°08'03
inferior conj	-4885 Jan 20 j 02:58	23° \mathfrak{A} 58'04	4°02'11	retrograde	-4885 Dec 24 j 05:58	11° \mathfrak{A} 59'37	
minimum elong	-4885 Jan 20 j 04:15	23° \mathfrak{A} 55'22	4°01'51	evening set	-4885 Dec 26 j 22:00	11° \mathfrak{A} 26'57	
min. Earth dist.	-4885 Jan 23 j 11:09	21° \mathfrak{A} 10'28	0.59529 AU	inferior conj	-4884 Jan 02 j 14:00	6° \mathfrak{A} 25'22	4°03'07
morning rise	-4885 Jan 27 j 08:25	18° \mathfrak{A} 28'32		minimum elong	-4884 Jan 02 j 12:42	6° \mathfrak{A} 28'31	4°02'49
direct	-4885 Feb 02 j 20:06	16° \mathfrak{A} 36'45		min. Earth dist.	-4884 Jan 05 j 14:00	3° \mathfrak{A} 32'18	0.61502 AU
desc. node	-4885 Feb 09 j 17:39	18° \mathfrak{A} 33'54		morning rise	-4884 Jan 09 j 02:13	0° \mathfrak{A} 39'56	
morning max el	-4885 Feb 17 j 01:05	24° \mathfrak{A} 11'04	26°58'42		-4884 Jan 10 j 03:13	30° \mathfrak{R} \mathfrak{M}	
	-4885 Feb 22 j 08:36	0° \mathfrak{Z}		direct	-4884 Jan 16 j 02:13	28° \mathfrak{M} 14'18	
	-4885 Mar 13 j 12:46	0° \mathfrak{A}			-4884 Jan 22 j 10:11	0° \mathfrak{A}	
morning set	-4885 Mar 19 j 10:56	11° \mathfrak{A} 48'31		desc. node	-4884 Jan 27 j 14:43	3° \mathfrak{A} 37'18	
				morning max el	-4884 Jan 30 j 03:05	5° \mathfrak{A} 55'29	27°36'22
superior conj	-4885 Mar 26 j 12:38	27° \mathfrak{A} 00'41	-0°00'18		-4884 Feb 17 j 07:10	0° \mathfrak{Z}	
minimum elong	-4885 Mar 26 j 12:38	27° \mathfrak{A} 00'46	0°00'27	morning set	-4884 Mar 02 j 17:12	26° \mathfrak{Z} 31'14	
behind sun begin	-4885 Mar 26 j 07:39	26° \mathfrak{A} 33'27			-4884 Mar 04 j 09:32	0° \mathfrak{A}	
behind sun end	-4885 Mar 26 j 17:38	27° \mathfrak{A} 28'05		max. Earth dist.	-4884 Mar 08 j 19:08	9° \mathfrak{A} 23'20	1.32748 AU
max. Earth dist.	-4885 Mar 26 j 07:02	26° \mathfrak{A} 30'05	1.32608 AU				
asc. node	-4885 Mar 26 j 13:20	27° \mathfrak{A} 04'32		superior conj	-4884 Mar 09 j 23:42	11° \mathfrak{A} 58'25	-0°25'06
	-4885 Mar 27 j 21:24	0° \mathfrak{H}		minimum elong	-4884 Mar 10 j 00:49	12° \mathfrak{A} 04'30	0°25'05
evening rise	-4885 Apr 02 j 12:29	12° \mathfrak{H} 06'00		asc. node	-4884 Mar 12 j 10:17	17° \mathfrak{A} 17'33	
	-4885 Apr 11 j 17:27	0° \mathfrak{Y}		evening rise	-4884 Mar 16 j 23:33	27° \mathfrak{A} 04'24	
evening max el	-4885 May 01 j 04:42	27° \mathfrak{Y} 01'19	26°09'45		-4884 Mar 18 j 09:12	0° \mathfrak{H}	
	-4885 May 04 j 15:26	0° \mathfrak{B}			-4884 Apr 04 j 20:54	0° \mathfrak{Y}	
desc. node	-4885 May 08 j 16:14	2° \mathfrak{B} 35'06		evening max el	-4884 Apr 11 j 22:43	8° \mathfrak{Y} 05'32	24°50'34
retrograde	-4885 May 15 j 06:52	4° \mathfrak{B} 19'03		desc. node	-4884 Apr 24 j 13:22	15° \mathfrak{Y} 07'01	
evening set	-4885 May 21 j 08:48	2° \mathfrak{B} 47'35		retrograde	-4884 Apr 25 j 22:56	15° \mathfrak{Y} 11'35	
min. Earth dist.	-4885 May 25 j 17:24	0° \mathfrak{B} 04'18	0.59148 AU	evening set	-4884 Apr 30 j 19:45	14° \mathfrak{Y} 17'19	
	-4885 May 25 j 19:45	30° \mathfrak{R} \mathfrak{Y}		min. Earth dist.	-4884 May 06 j 11:00	11° \mathfrak{Y} 20'30	0.57252 AU
inferior conj	-4885 May 29 j 02:23	27° \mathfrak{Y} 29'57	-4°06'37	inferior conj	-4884 May 09 j 09:17	9° \mathfrak{Y} 24'08	-3°29'00
minimum elong	-4885 May 29 j 00:20	27° \mathfrak{Y} 33'55	4°06'21	minimum elong	-4884 May 09 j 04:15	9° \mathfrak{Y} 32'33	3°28'00
morning rise	-4885 Jun 05 j 18:25	23° \mathfrak{Y} 00'21		morning rise	-4884 May 17 j 15:56	5° \mathfrak{Y} 13'51	
direct	-4885 Jun 08 j 06:28	22° \mathfrak{Y} 38'43		direct	-4884 May 20 j 02:37	4° \mathfrak{Y} 56'40	
morning max el	-4885 Jun 16 j 01:02	26° \mathfrak{Y} 21'02	18°28'25	morning max el	-4884 May 29 j 02:58	9° \mathfrak{Y} 08'52	19°13'53
	-4885 Jun 19 j 07:01	0° \mathfrak{B}		asc. node	-4884 Jun 08 j 10:10	23° \mathfrak{Y} 29'17	
asc. node	-4885 Jun 22 j 13:11	4° \mathfrak{B} 40'29			-4884 Jun 11 j 22:37	0° \mathfrak{B}	
morning set	-4885 Jul 02 j 05:04	22° \mathfrak{B} 02'14		morning set	-4884 Jun 15 j 02:25	6° \mathfrak{B} 10'16	
	-4885 Jul 06 j 08:41	0° \mathfrak{H}					
superior conj	-4885 Jul 11 j 08:48	9° \mathfrak{H} 25'31	1°49'20	superior conj	-4884 Jun 23 j 10:27	22° \mathfrak{B} 39'40	1°46'21
minimum elong	-4885 Jul 11 j 09:16	9° \mathfrak{H} 27'41	1°49'33	minimum elong	-4884 Jun 23 j 08:56	22° \mathfrak{B} 32'20	1°46'28
max. Earth dist.	-4885 Jul 18 j 16:31	22° \mathfrak{H} 33'44	1.40041 AU		-4884 Jun 27 j 06:45	0° \mathfrak{H}	
evening rise	-4885 Jul 23 j 02:51	0° \mathfrak{B} 06'22		max. Earth dist.	-4884 Jun 29 j 17:40	4° \mathfrak{H} 32'45	1.38109 AU
	-4885 Jul 23 j 01:19	0° \mathfrak{B}		evening rise	-4884 Jul 03 j 14:45	11° \mathfrak{H} 29'46	
desc. node	-4885 Aug 04 j 14:57	19° \mathfrak{B} 54'38			-4884 Jul 14 j 18:49	0° \mathfrak{B}	
	-4885 Aug 11 j 13:06	0° \mathfrak{Q}		desc. node	-4884 Jul 21 j 11:59	10° \mathfrak{B} 07'33	
evening max el	-4885 Aug 26 j 23:10	19° \mathfrak{Q} 16'19	23°33'11		-4884 Aug 05 j 19:11	0° \mathfrak{Q}	
retrograde	-4885 Sep 06 j 11:43	25° \mathfrak{Q} 29'43		evening max el	-4884 Aug 08 j 09:53	2° \mathfrak{Q} 43'54	24°52'28
evening set	-4885 Sep 11 j 13:41	23° \mathfrak{Q} 21'28		retrograde	-4884 Aug 20 j 00:22	9° \mathfrak{Q} 30'28	
inferior conj	-4885 Sep 16 j 20:49	17° \mathfrak{Q} 03'15	-0°33'34	evening set	-4884 Aug 25 j 17:19	7° \mathfrak{Q} 03'34	
minimum elong	-4885 Sep 16 j 21:35	17° \mathfrak{Q} 00'37	0°33'03	min. Earth dist.	-4884 Aug 30 j 06:22	1° \mathfrak{Q} 51'04	0.67056 AU
min. Earth dist.	-4885 Sep 16 j 11:57	17° \mathfrak{Q} 33'37	0.67355 AU	inferior conj	-4884 Aug 31 j 01:55	0° \mathfrak{Q} 46'05	-1°25'55
asc. node	-4885 Sep 18 j 12:21	14° \mathfrak{Q} 50'21		minimum elong	-4884 Aug 31 j 03:53	0° \mathfrak{Q} 39'35	1°24'54
morning rise	-4885 Sep 22 j 05:26	10° \mathfrak{Q} 52'28			-4884 Aug 31 j 15:51	30° \mathfrak{R} \mathfrak{B}	
direct	-4885 Sep 26 j 07:39	9° \mathfrak{Q} 18'33		asc. node	-4884 Sep 04 j 09:29	25° \mathfrak{B} 40'52	
morning max el	-4885 Oct 04 j 21:37	14° \mathfrak{Q} 22'50	21°14'03	morning rise	-4884 Sep 05 j 14:27	24° \mathfrak{B} 42'21	
	-4885 Oct 17 j 03:40	0° \mathfrak{M}		direct	-4884 Sep 09 j 05:08	23° \mathfrak{B} 26'52	
desc. node	-4885 Oct 31 j 14:52	21° \mathfrak{M} 34'09		morning max el	-4884 Sep 16 j 21:08	27° \mathfrak{B} 54'17	20°03'18
					-4884 Sep 18 j 19:04	0° \mathfrak{Q}	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4884 Oct 09 j 16:00	0°♎		desc. node	-4883 Oct 04 j 08:38	2°♎48'54	
morning set	-4884 Oct 13 j 05:50	5°♎31'28		max. Earth dist.	-4883 Oct 07 j 09:29	7°♎36'07	1.44660 AU
desc. node	-4884 Oct 17 j 11:45	12°♎08'14					
max. Earth dist.	-4884 Oct 24 j 17:33	23°♎34'45	1.43852 AU	superior conj	-4883 Oct 09 j 02:34	10°♎18'29	-0°29'37
	-4884 Oct 28 j 17:19	0°♏		minimum elong	-4883 Oct 08 j 22:50	10°♎03'41	0°29'02
					-4883 Oct 21 j 09:47	0°♏	
superior conj	-4884 Oct 29 j 18:28	1°♏42'09	-1°12'28	evening rise	-4883 Oct 24 j 08:06	4°♏46'13	
minimum elong	-4884 Oct 29 j 11:47	1°♏14'59	1°11'44		-4883 Nov 09 j 07:25	0°♎	
evening rise	-4884 Nov 12 j 00:48	23°♏55'11		evening max el	-4883 Nov 13 j 13:12	5°♎10'45	18°39'44
	-4884 Nov 15 j 13:50	0°♎		asc. node	-4883 Nov 18 j 05:16	8°♎33'11	
evening max el	-4884 Nov 30 j 00:57	21°♎47'01	18°14'48	retrograde	-4883 Nov 20 j 06:03	8°♎55'52	
asc. node	-4884 Dec 01 j 08:08	22°♎59'46		evening set	-4883 Nov 23 j 06:37	8°♎04'29	
retrograde	-4884 Dec 06 j 14:21	25°♎19'13		inferior conj	-4883 Nov 29 j 04:19	2°♎25'21	3°10'57
evening set	-4884 Dec 09 j 09:52	24°♎38'07		minimum elong	-4883 Nov 29 j 01:03	2°♎35'04	3°10'00
inferior conj	-4884 Dec 15 j 15:39	19°♎16'36	3°43'49	min. Earth dist.	-4883 Dec 01 j 00:15	0°♎14'35	0.64796 AU
minimum elong	-4884 Dec 15 j 12:51	19°♎24'11	3°43'10		-4883 Dec 01 j 05:15	30°♎♏	
min. Earth dist.	-4884 Dec 18 j 02:12	16°♎38'09	0.63302 AU	morning rise	-4883 Dec 04 j 19:06	26°♏20'01	
morning rise	-4884 Dec 21 j 15:08	13°♎19'49		direct	-4883 Dec 11 j 13:27	23°♏29'17	
direct	-4884 Dec 28 j 16:28	10°♎33'54			-4883 Dec 23 j 15:47	0°♎	
morning max el	-4883 Jan 11 j 09:55	18°♎16'46	27°37'56	morning max el	-4883 Dec 24 j 19:12	1°♎06'14	27°05'55
desc. node	-4883 Jan 13 j 11:44	20°♎25'07		desc. node	-4883 Dec 31 j 08:44	8°♎27'29	
	-4883 Jan 21 j 08:41	0°♏			-4882 Jan 15 j 10:07	0°♏	
	-4883 Feb 09 j 02:05	0°♏		morning set	-4882 Jan 29 j 07:50	24°♏37'36	
morning set	-4883 Feb 14 j 17:11	10°♏50'56			-4882 Feb 01 j 01:21	0°♏	
max. Earth dist.	-4883 Feb 20 j 01:45	21°♏53'52	1.33259 AU	max. Earth dist.	-4882 Feb 02 j 23:17	3°♏51'53	1.34188 AU
superior conj	-4883 Feb 22 j 08:18	26°♏44'46	-0°49'20	superior conj	-4882 Feb 06 j 12:31	11°♏13'08	-1°11'53
minimum elong	-4883 Feb 22 j 10:25	26°♏56'04	0°49'11	minimum elong	-4882 Feb 06 j 15:20	11°♏27'53	1°11'42
	-4883 Feb 23 j 20:36	0°♏		evening rise	-4882 Feb 13 j 21:25	26°♏46'09	
asc. node	-4883 Feb 27 j 07:15	7°♏24'45		asc. node	-4882 Feb 14 j 04:15	27°♏21'43	
evening rise	-4883 Mar 01 j 11:05	11°♏59'48			-4882 Feb 15 j 10:58	0°♏	
	-4883 Mar 10 j 17:51	0°♏		evening max el	-4882 Mar 06 j 11:21	29°♏42'52	21°45'38
evening max el	-4883 Mar 24 j 14:58	18°♏50'40	23°17'56		-4882 Mar 06 j 18:39	0°♏	
retrograde	-4883 Apr 07 j 02:11	25°♏29'22		retrograde	-4882 Mar 18 j 18:12	5°♏37'27	
evening set	-4883 Apr 10 j 15:53	25°♏01'27		evening set	-4882 Mar 21 j 10:40	5°♏21'20	
desc. node	-4883 Apr 11 j 10:32	24°♏48'20		desc. node	-4882 Mar 29 j 07:43	2°♏06'47	
min. Earth dist.	-4883 Apr 18 j 02:07	21°♏39'39	0.55843 AU	inferior conj	-4882 Mar 30 j 18:21	1°♏18'21	-0°23'49
inferior conj	-4883 Apr 19 j 20:36	20°♏36'55	-2°12'23	minimum elong	-4882 Mar 30 j 17:14	1°♏19'55	0°23'34
minimum elong	-4883 Apr 19 j 15:25	20°♏44'36	2°10'55	min. Earth dist.	-4882 Mar 30 j 16:16	1°♏21'17	0.55219 AU
morning rise	-4883 Apr 28 j 17:28	16°♏37'55			-4882 Apr 02 j 02:56	30°♎♏	
direct	-4883 May 01 j 04:30	16°♏23'03		morning rise	-4882 Apr 09 j 00:22	27°♏16'34	
morning max el	-4883 May 11 j 19:11	21°♏19'52	20°19'31	direct	-4882 Apr 11 j 18:33	26°♏59'39	
	-4883 May 18 j 21:28	0°♏			-4882 Apr 20 j 13:07	0°♏	
asc. node	-4883 May 26 j 07:07	12°♏48'08		morning max el	-4882 Apr 24 j 00:24	2°♏49'01	21°43'22
morning set	-4883 May 30 j 06:43	20°♏42'24			-4882 May 11 j 22:24	0°♏	
	-4883 Jun 03 j 19:31	0°♏		asc. node	-4882 May 13 j 04:03	2°♏29'16	
				morning set	-4882 May 14 j 15:35	5°♏31'31	
superior conj	-4883 Jun 07 j 00:59	6°♏34'47	1°35'49	superior conj	-4882 May 22 j 00:33	20°♏59'17	1°19'54
minimum elong	-4883 Jun 06 j 22:28	6°♏22'04	1°35'44	minimum elong	-4882 May 21 j 21:49	20°♏45'04	1°19'36
max. Earth dist.	-4883 Jun 11 j 22:55	16°♏17'53	1.36344 AU	max. Earth dist.	-4882 May 25 j 13:20	28°♏15'39	1.34893 AU
evening rise	-4883 Jun 16 j 01:20	24°♏02'09			-4882 May 26 j 10:01	0°♏	
	-4883 Jun 19 j 08:34	0°♏		evening rise	-4882 May 30 j 05:05	7°♏27'41	
desc. node	-4883 Jul 08 j 09:02	29°♏59'17			-4882 Jun 11 j 23:18	0°♏	
	-4883 Jul 08 j 09:15	0°♏		desc. node	-4882 Jun 25 j 06:09	19°♏20'06	
evening max el	-4883 Jul 21 j 20:37	16°♏14'38	26°02'30	evening max el	-4882 Jul 04 j 07:58	29°♏41'13	26°55'01
retrograde	-4883 Aug 03 j 08:27	23°♏23'38			-4882 Jul 04 j 15:47	0°♏	
evening set	-4883 Aug 09 j 15:52	20°♏42'21		retrograde	-4882 Jul 17 j 11:17	7°♏02'03	
min. Earth dist.	-4883 Aug 13 j 20:32	16°♏07'42	0.66426 AU	evening set	-4882 Jul 24 j 06:52	4°♏13'55	
inferior conj	-4883 Aug 15 j 03:54	14°♏28'49	-2°15'37	min. Earth dist.	-4882 Jul 28 j 04:01	0°♏17'51	0.65431 AU
minimum elong	-4883 Aug 15 j 06:50	14°♏19'32	2°14'20		-4882 Jul 28 j 10:12	30°♎♏	
morning rise	-4883 Aug 20 j 21:56	8°♏35'28		inferior conj	-4882 Jul 30 j 00:37	28°♏07'19	-3°00'40
asc. node	-4883 Aug 22 j 06:35	7°♏55'28		minimum elong	-4882 Jul 30 j 04:09	27°♏56'58	2°59'25
direct	-4883 Aug 24 j 03:24	7°♏35'23		morning rise	-4882 Aug 05 j 01:45	22°♏27'41	
morning max el	-4883 Aug 31 j 03:28	11°♏33'45	19°06'40	direct	-4882 Aug 08 j 00:15	21°♏39'59	
	-4883 Sep 13 j 11:41	0°♏		asc. node	-4882 Aug 09 j 03:40	21°♏47'08	
morning set	-4883 Sep 22 j 15:43	14°♏23'16		morning max el	-4882 Aug 14 j 14:58	25°♏17'55	18°26'05
	-4883 Oct 02 j 13:43	0°♏					

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4882 Aug 18 j 13:06	0°☿		morning set	-4881 Aug 15 j 16:39	5°☿51'32	
morning set	-4882 Sep 03 j 02:58	24°☿29'44					
	-4882 Sep 06 j 12:00	0°♌		superior conj	-4881 Aug 28 j 15:46	27°☿35'03	1°02'48
				minimum elong	-4881 Aug 28 j 21:39	27°☿59'03	1°02'22
superior conj	-4882 Sep 18 j 02:05	18°♌34'28	0°19'44		-4881 Aug 30 j 03:27	0°♌	
minimum elong	-4882 Sep 18 j 04:36	18°♌44'27	0°19'35	max. Earth dist.	-4881 Sep 02 j 20:38	5°♌58'23	1.44111 AU
max. Earth dist.	-4882 Sep 20 j 03:49	21°♌51'02	1.44746 AU	desc. node	-4881 Sep 08 j 02:30	14°♌16'14	
desc. node	-4882 Sep 21 j 05:33	23°♌32'34		evening rise	-4881 Sep 13 j 23:24	23°♌24'43	
	-4882 Sep 25 j 08:02	0°♍			-4881 Sep 18 j 06:10	0°♍	
evening rise	-4882 Oct 04 j 14:13	14°♍32'15			-4881 Oct 09 j 05:41	0°♎	
	-4882 Oct 14 j 11:23	0°♎		evening max el	-4881 Oct 11 j 02:42	2°♎03'30	20°18'41
greatest brilliancy	-4882 Oct 14 j 17:04	0°♎21'59	-0.8m	retrograde	-4881 Oct 18 j 23:02	6°♎40'16	
evening max el	-4882 Oct 27 j 22:28	18°♎37'07	19°21'35	evening set	-4881 Oct 22 j 15:46	5°♎21'01	
retrograde	-4882 Nov 04 j 01:48	22°♎44'03		asc. node	-4881 Oct 22 j 23:37	5°♎06'22	
asc. node	-4882 Nov 05 j 02:27	22°♎37'58			-4881 Oct 27 j 13:42	30°♏♍	
evening set	-4882 Nov 07 j 09:23	21°♎40'01		inferior conj	-4881 Oct 28 j 02:51	29°♏16'02	1°41'24
inferior conj	-4882 Nov 13 j 00:53	15°♎46'16	2°29'06	minimum elong	-4881 Oct 28 j 00:39	29°♏23'25	1°40'34
minimum elong	-4882 Nov 12 j 21:55	15°♎55'46	2°28'04	min. Earth dist.	-4881 Oct 28 j 21:01	28°♏15'00	0.66728 AU
min. Earth dist.	-4882 Nov 14 j 07:09	14°♎09'28	0.65936 AU	morning rise	-4881 Nov 02 j 09:19	23°♏00'46	
morning rise	-4882 Nov 18 j 10:13	9°♎34'42		direct	-4881 Nov 08 j 00:40	20°♏33'38	
direct	-4882 Nov 24 j 16:18	6°♎51'40		morning max el	-4881 Nov 19 j 13:45	27°♏25'45	24°49'56
morning max el	-4882 Dec 07 j 04:47	14°♎12'24	26°06'59		-4881 Nov 21 j 24:00	0°♏	
desc. node	-4882 Dec 18 j 05:42	27°♎22'15		desc. node	-4881 Dec 05 j 02:39	16°♎54'12	
	-4882 Dec 20 j 03:48	0°♏			-4881 Dec 13 j 20:17	0°♏	
	-4881 Jan 08 j 03:48	0°♐		morning set	-4881 Dec 25 j 15:34	19°♏39'44	
morning set	-4881 Jan 12 j 09:05	7°♐38'54		max. Earth dist.	-4881 Dec 29 j 09:31	26°♏25'05	1.37337 AU
max. Earth dist.	-4881 Jan 16 j 09:29	15°♐16'48	1.35559 AU		-4881 Dec 31 j 07:51	0°♐	
superior conj	-4881 Jan 21 j 09:56	25°♐15'57	-1°31'22	superior conj	-4880 Jan 04 j 21:23	8°♐43'56	-1°45'52
minimum elong	-4881 Jan 21 j 12:55	25°♐31'08	1°31'17	minimum elong	-4880 Jan 04 j 23:41	8°♐55'12	1°45'57
	-4881 Jan 23 j 17:26	0°♑		evening rise	-4880 Jan 13 j 06:49	25°♐26'49	
evening rise	-4881 Jan 29 j 04:42	11°♑17'22			-4880 Jan 15 j 13:59	0°♑	
asc. node	-4881 Feb 01 j 01:19	17°♑03'28		asc. node	-4880 Jan 18 j 22:24	6°♑23'35	
	-4881 Feb 08 j 03:59	0°♒		evening max el	-4880 Jan 30 j 08:15	22°♑57'43	19°20'52
evening max el	-4881 Feb 16 j 16:35	11°♒02'44	20°24'37	retrograde	-4880 Feb 08 j 09:51	27°♑16'28	
retrograde	-4881 Feb 27 j 08:45	16°♒06'28		evening set	-4880 Feb 10 j 18:59	26°♑59'57	
evening set	-4881 Mar 01 j 17:27	15°♒52'37		inferior conj	-4880 Feb 19 j 00:45	22°♑51'07	2°58'25
inferior conj	-4881 Mar 10 j 15:19	11°♒54'03	1°29'50	minimum elong	-4880 Feb 19 j 05:50	22°♑42'38	2°56'57
minimum elong	-4881 Mar 10 j 19:04	11°♒48'31	1°28'26	min. Earth dist.	-4880 Feb 21 j 21:05	20°♑58'00	0.56657 AU
min. Earth dist.	-4881 Mar 12 j 06:18	10°♒56'41	0.55513 AU	morning rise	-4880 Feb 27 j 14:04	17°♑59'36	
desc. node	-4881 Mar 16 j 04:52	8°♒50'35		desc. node	-4880 Mar 02 j 02:01	17°♑11'07	
morning rise	-4881 Mar 19 j 19:09	7°♒32'14		direct	-4880 Mar 03 j 08:31	17°♑07'20	
direct	-4881 Mar 23 j 08:23	7°♒04'43		morning max el	-4880 Mar 17 j 11:26	24°♑18'55	24°57'31
morning max el	-4881 Apr 05 j 20:14	13°♒42'26	23°19'44		-4880 Mar 22 j 15:53	0°♒	
	-4881 Apr 18 j 07:05	0°♓			-4880 Apr 09 j 22:25	0°♓	
morning set	-4881 Apr 29 j 03:07	20°♓31'39		morning set	-4880 Apr 12 j 15:26	5°♓35'06	
asc. node	-4881 Apr 30 j 01:01	22°♓26'39		asc. node	-4880 Apr 15 j 21:59	12°♓34'06	
	-4881 May 03 j 14:01	0°♈					
				superior conj	-4880 Apr 19 j 15:48	20°♓41'27	0°37'53
superior conj	-4881 May 06 j 06:17	5°♈44'30	1°00'11	minimum elong	-4880 Apr 19 j 14:12	20°♓32'47	0°37'30
minimum elong	-4881 May 06 j 03:56	5°♈31'55	0°59'48	max. Earth dist.	-4880 Apr 20 j 21:42	23°♓23'21	1.33068 AU
max. Earth dist.	-4881 May 08 j 13:41	10°♈38'27	1.33803 AU		-4880 Apr 23 j 23:54	0°♈	
evening rise	-4881 May 13 j 21:14	21°♈32'38		evening rise	-4880 Apr 26 j 21:58	6°♈03'53	
	-4881 May 18 j 06:21	0°♉			-4880 May 09 j 20:34	0°♉	
	-4881 Jun 05 j 19:43	0°♊		evening max el	-4880 May 29 j 03:02	25°♉36'59	27°19'48
desc. node	-4881 Jun 12 j 03:18	7°♊57'04		desc. node	-4880 May 29 j 00:27	25°♉30'47	
evening max el	-4881 Jun 16 j 18:49	12°♊52'57	27°22'34		-4880 Jun 03 j 11:30	0°♊	
retrograde	-4881 Jun 30 j 08:41	20°♊18'05		retrograde	-4880 Jun 11 j 23:59	3°♊01'53	
evening set	-4881 Jul 07 j 11:22	17°♊34'24		evening set	-4880 Jun 19 j 01:40	0°♊36'45	
min. Earth dist.	-4881 Jul 11 j 02:51	14°♊13'40	0.64052 AU		-4880 Jun 19 j 22:19	30°♋♉	
inferior conj	-4881 Jul 13 j 13:39	11°♊37'11	-3°38'19	min. Earth dist.	-4880 Jun 22 j 16:00	27°♋42'19	0.62309 AU
minimum elong	-4881 Jul 13 j 17:05	11°♊28'01	3°37'24	inferior conj	-4880 Jun 25 j 16:00	24°♋51'37	-4°04'33
morning rise	-4881 Jul 19 j 23:30	6°♊14'28		minimum elong	-4880 Jun 25 j 18:17	24°♋46'11	4°04'06
direct	-4881 Jul 22 j 17:08	5°♊36'27		morning rise	-4880 Jul 02 j 12:12	19°♋48'19	
asc. node	-4881 Jul 27 j 00:44	7°♊10'08		direct	-4880 Jul 05 j 02:41	19°♋17'53	
morning max el	-4881 Jul 29 j 05:19	9°♊02'44	18°02'42	morning max el	-4880 Jul 11 j 19:51	22°♋41'55	17°57'30
	-4881 Aug 12 j 06:35	0°♋		asc. node	-4880 Jul 12 j 21:46	23°♋49'33	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4880 Jul 17 j 12:54	0°♂		morning max el	-4879 Jun 25 j 07:42	6°♂07'51	18°11'23
morning set	-4880 Jul 28 j 04:09	18°♂15'47		asc. node	-4879 Jun 29 j 18:47	11°♂29'39	
	-4880 Aug 03 j 18:19	0°♂			-4879 Jul 10 j 13:10	0°♂	
				morning set	-4879 Jul 11 j 08:10	1°♂29'02	
superior conj	-4880 Aug 08 j 08:01	7°♂54'54	1°31'59				
minimum elong	-4880 Aug 08 j 12:51	8°♂15'32	1°31'51	superior conj	-4879 Jul 21 j 02:43	19°♂33'43	1°46'35
max. Earth dist.	-4880 Aug 15 j 08:51	19°♂39'38	1.42849 AU	minimum elong	-4879 Jul 21 j 04:44	19°♂42'46	1°46'45
	-4880 Aug 21 j 19:35	0°♂			-4879 Jul 27 j 01:20	0°♂	
evening rise	-4880 Aug 23 j 03:28	2°♂05'15		max. Earth dist.	-4879 Jul 28 j 15:23	2°♂42'03	1.41141 AU
desc. node	-4880 Aug 24 j 23:29	4°♂56'43		evening rise	-4879 Aug 02 j 22:38	11°♂29'31	
	-4880 Sep 10 j 19:16	0°♂		desc. node	-4879 Aug 11 j 20:27	25°♂30'11	
evening max el	-4880 Sep 23 j 00:44	15°♂28'53	21°28'26		-4879 Aug 14 j 20:00	0°♂	
retrograde	-4880 Oct 01 j 19:37	20°♂41'39		evening max el	-4879 Sep 05 j 16:51	28°♂53'40	22°46'40
evening set	-4880 Oct 05 j 23:44	19°♂04'43			-4879 Sep 06 j 20:03	0°♂	
asc. node	-4880 Oct 08 j 20:46	16°♂08'14		retrograde	-4879 Sep 15 j 13:51	4°♂45'03	
inferior conj	-4880 Oct 11 j 08:01	12°♂52'02	0°50'07	evening set	-4879 Sep 20 j 07:23	2°♂48'33	
minimum elong	-4880 Oct 11 j 06:52	12°♂55'58	0°49'44		-4879 Sep 22 j 23:49	30°♂♂	
min. Earth dist.	-4880 Oct 11 j 15:22	12°♂26'43	0.67204 AU	inferior conj	-4879 Sep 25 j 14:29	26°♂31'36	-0°02'55
morning rise	-4880 Oct 16 j 13:50	6°♂36'00		minimum elong	-4879 Sep 25 j 14:33	26°♂31'23	0°02'44
direct	-4880 Oct 21 j 14:01	4°♂28'56		transit middle	-4879 Sep 25 j 14:33	26°♂31'23	0°02'44
morning max el	-4880 Oct 31 j 23:15	10°♂41'32	23°24'31	transit begin	-4879 Sep 25 j 11:53	26°♂40'34	
	-4880 Nov 16 j 06:11	0°♂		transit end	-4879 Sep 25 j 17:13	26°♂22'12	
desc. node	-4880 Nov 20 j 23:35	6°♂52'32		min. Earth dist.	-4879 Sep 25 j 11:37	26°♂41'30	0.67387 AU
morning set	-4880 Dec 05 j 21:13	0°♂24'39		asc. node	-4879 Sep 25 j 17:55	26°♂19'46	
	-4880 Dec 05 j 15:20	0°♂		morning rise	-4879 Sep 30 j 21:35	20°♂17'56	
max. Earth dist.	-4880 Dec 10 j 05:20	7°♂49'36	1.39368 AU	direct	-4879 Oct 05 j 07:26	18°♂32'01	
				morning max el	-4879 Oct 14 j 12:11	24°♂00'20	21°59'37
superior conj	-4880 Dec 17 j 18:45	21°♂26'22	-1°52'48		-4879 Oct 19 j 17:36	0°♂	
minimum elong	-4880 Dec 17 j 19:10	21°♂28'21	1°53'00	desc. node	-4879 Nov 07 j 20:28	27°♂08'44	
	-4880 Dec 22 j 07:30	0°♂			-4879 Nov 09 j 17:06	0°♂	
evening rise	-4880 Dec 27 j 01:10	9°♂08'06		morning set	-4879 Nov 15 j 22:09	9°♂45'30	
asc. node	-4879 Jan 04 j 19:30	25°♂14'49		max. Earth dist.	-4879 Nov 22 j 04:40	20°♂00'10	1.41390 AU
	-4879 Jan 07 j 21:08	0°♂			-4879 Nov 28 j 01:32	0°♂	
evening max el	-4879 Jan 12 j 09:18	5°♂25'58	18°36'49				
retrograde	-4879 Jan 20 j 04:30	9°♂13'26		superior conj	-4879 Nov 29 j 20:36	3°♂08'30	-1°48'53
evening set	-4879 Jan 22 j 16:25	8°♂51'33		minimum elong	-4879 Nov 29 j 17:53	2°♂56'31	1°48'54
inferior conj	-4879 Jan 30 j 05:43	4°♂24'06	3°49'02	evening rise	-4879 Dec 10 j 08:29	22°♂12'53	
minimum elong	-4879 Jan 30 j 08:44	4°♂18'18	3°48'24		-4879 Dec 14 j 14:00	0°♂	
min. Earth dist.	-4879 Feb 02 j 14:13	1°♂49'52	0.58398 AU	asc. node	-4879 Dec 22 j 16:36	13°♂27'15	
	-4879 Feb 05 j 07:28	30°♂♂		evening max el	-4879 Dec 26 j 17:05	18°♂18'52	18°12'53
morning rise	-4879 Feb 06 j 22:43	29°♂06'23		retrograde	-4878 Jan 02 j 16:54	21°♂50'26	
direct	-4879 Feb 12 j 22:07	27°♂36'50		evening set	-4878 Jan 05 j 07:32	21°♂21'50	
desc. node	-4879 Feb 16 j 23:08	28°♂16'59		inferior conj	-4878 Jan 12 j 06:31	16°♂32'34	4°05'31
	-4879 Feb 20 j 16:28	0°♂		minimum elong	-4878 Jan 12 j 06:36	16°♂32'24	4°05'17
morning max el	-4879 Feb 27 j 03:59	5°♂06'06	26°21'45	min. Earth dist.	-4878 Jan 15 j 12:19	13°♂39'52	0.60383 AU
	-4879 Mar 17 j 09:19	0°♂		morning rise	-4878 Jan 19 j 04:09	10°♂55'56	
morning set	-4879 Mar 28 j 02:50	20°♂35'35		direct	-4878 Jan 25 j 22:47	8°♂48'13	
	-4879 Apr 01 j 12:20	0°♂		desc. node	-4878 Feb 03 j 20:13	12°♂02'48	
asc. node	-4879 Apr 02 j 18:57	2°♂46'57		morning max el	-4878 Feb 09 j 01:57	16°♂25'33	27°19'01
					-4878 Feb 20 j 06:49	0°♂	
superior conj	-4879 Apr 04 j 03:14	5°♂43'23	0°13'56		-4878 Mar 09 j 19:18	0°♂	
minimum elong	-4879 Apr 04 j 02:37	5°♂40'03	0°13'40	morning set	-4878 Mar 12 j 11:31	5°♂26'25	
behind sun begin	-4879 Apr 04 j 00:07	5°♂26'23		max. Earth dist.	-4878 Mar 18 j 23:32	19°♂20'15	1.32625 AU
behind sun end	-4879 Apr 04 j 05:07	5°♂53'44					
max. Earth dist.	-4879 Apr 04 j 10:11	6°♂21'21	1.32680 AU	superior conj	-4878 Mar 19 j 14:53	20°♂44'04	-0°10'50
evening rise	-4879 Apr 11 j 04:25	20°♂51'51		minimum elong	-4878 Mar 19 j 15:22	20°♂46'44	0°10'55
	-4879 Apr 15 j 17:25	0°♂		behind sun begin	-4878 Mar 19 j 11:43	20°♂26'46	
	-4879 May 04 j 08:28	0°♂		behind sun end	-4878 Mar 19 j 19:01	21°♂06'42	
evening max el	-4879 May 11 j 06:24	7°♂43'17	26°44'18	asc. node	-4878 Mar 20 j 15:56	23°♂01'00	
desc. node	-4879 May 15 j 21:36	11°♂34'46			-4878 Mar 23 j 20:57	0°♂	
retrograde	-4879 May 25 j 07:48	15°♂04'35		evening rise	-4878 Mar 26 j 14:21	5°♂48'28	
evening set	-4879 May 31 j 21:37	13°♂11'32			-4878 Apr 08 j 11:42	0°♂	
min. Earth dist.	-4879 Jun 04 j 19:53	10°♂28'40	0.60318 AU	evening max el	-4878 Apr 23 j 03:44	19°♂08'41	25°38'42
inferior conj	-4879 Jun 08 j 04:10	7°♂42'11	-4°13'07	desc. node	-4878 May 02 j 18:46	25°♂34'52	
minimum elong	-4879 Jun 08 j 03:59	7°♂42'33	4°12'58	retrograde	-4878 May 07 j 05:57	26°♂22'03	
morning rise	-4879 Jun 15 j 12:25	2°♂59'58		evening set	-4878 May 12 j 20:21	25°♂07'24	
direct	-4879 Jun 18 j 01:06	2°♂35'28		min. Earth dist.	-4878 May 17 j 16:18	22°♂19'55	0.58302 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

inferior conj	-4878 May 20 j 22:33	19° Υ 59'39	-3°55'12	inferior conj	-4877 May 01 j 20:49	1° Υ 35'42	-3°01'19
minimum elong	-4878 May 20 j 19:04	20° Υ 05'56	3°54'42	minimum elong	-4877 May 01 j 15:12	1° Υ 44'33	2°59'58
morning rise	-4878 May 28 j 20:35	15° Υ 38'25			-4877 May 04 j 11:46	30° \Re	
direct	-4878 May 31 j 08:06	15° Υ 18'44		morning rise	-4877 May 10 j 09:45	27° \Re 31'46	
morning max el	-4878 Jun 08 j 14:00	19° Υ 12'09	18°45'14	direct	-4877 May 12 j 20:26	27° \Re 15'47	
asc. node	-4878 Jun 16 j 15:46	29° Υ 56'52			-4877 May 20 j 09:34	0° Υ	
	-4878 Jun 16 j 16:32	0° \Re		morning max el	-4877 May 22 j 12:00	1° Υ 44'53	19°39'29
morning set	-4878 Jun 25 j 00:17	15° \Re 20'23		asc. node	-4877 Jun 03 j 12:44	18° Υ 59'22	
	-4878 Jul 02 j 13:40	0° Π		morning set	-4877 Jun 09 j 00:56	29° Υ 39'47	
					-4877 Jun 09 j 04:58	0° \Re	
superior conj	-4878 Jul 03 j 18:45	2° Π 18'03	1°49'09	superior conj	-4877 Jun 17 j 02:27	15° \Re 51'18	1°42'40
minimum elong	-4878 Jul 03 j 18:16	2° Π 15'44	1°49'21	minimum elong	-4877 Jun 17 j 00:24	15° \Re 41'11	1°42'43
max. Earth dist.	-4878 Jul 10 j 17:52	15° Π 03'55	1.39216 AU	max. Earth dist.	-4877 Jun 22 j 20:23	26° \Re 55'18	1.37325 AU
evening rise	-4878 Jul 14 j 19:35	22° Π 08'56			-4877 Jun 24 j 12:13	0° Π	
	-4878 Jul 19 j 12:34	0° \Re		evening rise	-4877 Jun 26 j 17:46	4° Π 03'06	
desc. node	-4878 Jul 29 j 17:27	15° \Re 52'39			-4877 Jul 12 j 12:43	0° \Re	
	-4878 Aug 08 j 18:25	0° Ω		desc. node	-4877 Jul 16 j 14:31	5° \Re 57'43	
evening max el	-4878 Aug 19 j 04:58	12° Ω 20'48	24°07'31	evening max el	-4877 Aug 01 j 15:26	25° \Re 50'01	25°23'47
retrograde	-4878 Aug 30 j 04:41	18° Ω 48'32			-4877 Aug 06 j 12:08	0° Ω	
evening set	-4878 Sep 04 j 13:03	16° Ω 32'10		retrograde	-4877 Aug 13 j 15:22	2° Ω 47'09	
inferior conj	-4878 Sep 09 j 20:37	10° Ω 14'08	-0°55'57	evening set	-4877 Aug 19 j 14:48	0° Ω 13'10	
minimum elong	-4878 Sep 09 j 21:54	10° Ω 09'47	0°55'12		-4877 Aug 19 j 20:43	30° \Re	
min. Earth dist.	-4878 Sep 09 j 07:20	10° Ω 59'06	0.67275 AU	min. Earth dist.	-4877 Aug 24 j 00:08	25° \Re 16'50	0.66838 AU
asc. node	-4878 Sep 12 j 15:02	6° Ω 40'13		inferior conj	-4877 Aug 25 j 00:37	23° \Re 57'09	-1°47'24
morning rise	-4878 Sep 15 j 06:42	4° Ω 06'01		minimum elong	-4877 Aug 25 j 03:02	23° \Re 49'18	1°46'14
direct	-4878 Sep 19 j 03:52	2° Ω 40'07		morning rise	-4877 Aug 30 j 15:20	17° \Re 57'42	
morning max el	-4878 Sep 27 j 07:33	7° Ω 27'15	20°42'22	asc. node	-4877 Aug 30 j 12:08	18° \Re 03'07	
	-4878 Oct 14 j 03:24	0° \Re		direct	-4877 Sep 03 j 01:50	16° \Re 49'12	
desc. node	-4878 Oct 25 j 17:20	17° \Re 37'51		morning max el	-4877 Sep 10 j 10:13	21° \Re 02'53	19°37'24
morning set	-4878 Oct 26 j 00:58	18° \Re 07'29			-4877 Sep 17 j 14:03	0° Ω	
	-4878 Nov 02 j 13:34	0° \Re		morning set	-4877 Oct 05 j 01:50	26° Ω 30'55	
max. Earth dist.	-4878 Nov 04 j 11:42	3° \Re 05'42	1.43109 AU		-4877 Oct 07 j 07:32	0° \Re	
superior conj	-4878 Nov 10 j 21:23	13° \Re 37'14	-1°30'31	desc. node	-4877 Oct 12 j 14:14	8° \Re 15'26	
minimum elong	-4878 Nov 10 j 15:24	13° \Re 12'17	1°30'02	max. Earth dist.	-4877 Oct 18 j 01:15	16° \Re 52'15	1.44284 AU
	-4878 Nov 20 j 10:39	0° \Re		superior conj	-4877 Oct 21 j 18:36	22° \Re 48'38	-0°55'48
evening rise	-4878 Nov 23 j 00:51	4° \Re 33'35		minimum elong	-4877 Oct 21 j 12:28	22° \Re 24'05	0°55'02
	-4878 Dec 08 j 20:06	0° \Re			-4877 Oct 26 j 05:24	0° \Re	
asc. node	-4878 Dec 09 j 13:42	0° \Re 49'25		evening rise	-4877 Nov 04 j 21:38	16° \Re 00'42	
evening max el	-4878 Dec 10 j 04:45	1° \Re 28'39	18°08'35		-4877 Nov 13 j 06:29	0° \Re	
retrograde	-4878 Dec 16 j 19:24	4° \Re 57'31		evening max el	-4877 Nov 23 j 17:29	14° \Re 48'44	18°23'10
evening set	-4878 Dec 19 j 12:53	4° \Re 21'17		asc. node	-4877 Nov 26 j 10:49	17° \Re 07'13	
	-4878 Dec 25 j 04:41	30° \Re		retrograde	-4877 Nov 30 j 07:33	18° \Re 25'37	
inferior conj	-4878 Dec 26 j 00:12	29° \Re 10'41	3°56'56	evening set	-4877 Dec 03 j 04:57	17° \Re 40'25	
minimum elong	-4878 Dec 25 j 22:08	29° \Re 15'58	3°56'30	inferior conj	-4877 Dec 09 j 07:01	12° \Re 10'47	3°31'15
min. Earth dist.	-4878 Dec 28 j 18:42	26° \Re 22'06	0.62306 AU	minimum elong	-4877 Dec 09 j 03:54	12° \Re 19'35	3°30'26
morning rise	-4877 Jan 01 j 06:30	23° \Re 20'08		min. Earth dist.	-4877 Dec 11 j 11:13	9° \Re 43'04	0.63977 AU
direct	-4877 Jan 08 j 08:17	20° \Re 44'20		morning rise	-4877 Dec 15 j 02:20	6° \Re 09'50	
desc. node	-4877 Jan 21 j 17:16	27° \Re 54'38		direct	-4877 Dec 22 j 01:21	3° \Re 20'23	
morning max el	-4877 Jan 22 j 06:13	28° \Re 25'58	27°41'27	morning max el	-4876 Jan 04 j 14:43	11° \Re 02'01	27°28'12
	-4877 Jan 23 j 19:15	0° \Re		desc. node	-4876 Jan 08 j 14:17	15° \Re 17'49	
	-4877 Feb 14 j 00:27	0° \Re			-4876 Jan 19 j 17:08	0° \Re	
morning set	-4877 Feb 24 j 15:25	20° \Re 00'04		morning set	-4876 Feb 06 j 09:03	0° \Re	
	-4877 Mar 01 j 10:24	0° \Re		max. Earth dist.	-4876 Feb 08 j 11:55	4° \Re 07'47	
max. Earth dist.	-4877 Mar 02 j 09:57	2° \Re 06'06	1.32921 AU		-4876 Feb 13 j 13:22	14° \Re 25'16	1.33600 AU
superior conj	-4877 Mar 04 j 01:05	5° \Re 37'22	-0°35'32	superior conj	-4876 Feb 16 j 08:07	20° \Re 17'13	-0°59'12
minimum elong	-4877 Mar 04 j 02:39	5° \Re 45'49	0°35'26	minimum elong	-4876 Feb 16 j 10:34	20° \Re 30'16	0°59'00
asc. node	-4877 Mar 07 j 12:54	13° \Re 12'01			-4876 Feb 20 j 21:05	0° \Re	
evening rise	-4877 Mar 11 j 01:50	20° \Re 46'22		asc. node	-4876 Feb 22 j 09:55	3° \Re 15'51	
	-4877 Mar 15 j 14:31	0° \Re		evening rise	-4876 Feb 23 j 13:07	5° \Re 39'09	
	-4877 Apr 04 j 19:43	0° Υ			-4876 Mar 07 j 19:24	0° \Re	
evening max el	-4877 Apr 04 j 20:21	0° Υ 01'33	24°11'58	evening max el	-4876 Mar 16 j 13:27	10° \Re 46'07	22°37'51
retrograde	-4877 Apr 18 j 16:18	6° Υ 57'48		retrograde	-4876 Mar 29 j 14:34	17° \Re 08'36	
desc. node	-4877 Apr 19 j 15:58	6° Υ 55'35		evening set	-4876 Apr 01 j 17:33	16° \Re 47'09	
evening set	-4877 Apr 22 j 23:43	6° Υ 16'22		desc. node	-4876 Apr 05 j 13:07	15° \Re 28'50	
min. Earth dist.	-4877 Apr 29 j 08:11	3° Υ 10'34	0.56572 AU				

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

min. Earth dist.	-4876 Apr 09 j 22:42	13° H 10'55	0.55465 AU	inferior conj	-4875 Mar 21 j 20:51	23° \approx 08'28	0°25'45
inferior conj	-4876 Apr 11 j 01:11	12° H 32'58	-1°29'05	minimum elong	-4875 Mar 21 j 22:01	23° \approx 06'48	0°25'11
minimum elong	-4876 Apr 10 j 21:18	12° H 38'32	1°27'54	min. Earth dist.	-4875 Mar 22 j 13:05	22° \approx 45'24	0.55228 AU
morning rise	-4876 Apr 20 j 03:01	8° H 35'15		desc. node	-4875 Mar 23 j 10:18	22° \approx 15'28	
direct	-4876 Apr 22 j 15:41	8° H 20'23		morning rise	-4875 Mar 31 j 03:30	18° \approx 59'37	
morning max el	-4876 May 03 j 23:42	13° H 38'53	20°53'16	direct	-4875 Apr 03 j 03:59	18° \approx 39'38	
	-4876 May 15 j 21:28	0° Y		morning max el	-4875 Apr 16 j 00:40	24° \approx 51'39	22°23'20
asc. node	-4876 May 20 j 09:43	8° Y 28'38			-4875 Apr 20 j 17:13	0° H	
morning set	-4876 May 23 j 07:27	14° Y 19'55		asc. node	-4875 May 07 j 06:42	28° H 17'09	
				morning set	-4875 May 07 j 17:39	29° H 13'59	
					-4875 May 08 j 02:29	0° Y	
superior conj	-4876 May 30 j 21:16	0° B 00'26	1°29'37				
minimum elong	-4876 May 30 j 18:35	29° Y 46'39	1°29'27				
	-4876 May 30 j 21:11	0° B		superior conj	-4875 May 14 j 23:47	14° Y 34'35	1°11'56
max. Earth dist.	-4876 Jun 04 j 04:52	8° B 41'49	1.35679 AU	minimum elong	-4875 May 14 j 21:09	14° Y 20'44	1°11'35
evening rise	-4876 Jun 08 j 12:17	16° B 59'43		max. Earth dist.	-4875 May 17 j 23:17	20° Y 47'52	1.34382 AU
	-4876 Jun 15 j 18:10	0° II		evening rise	-4875 May 22 j 21:50	0° B 43'31	
desc. node	-4876 Jul 02 j 11:36	25° II 37'32			-4875 May 22 j 12:56	0° B	
	-4876 Jul 05 j 20:07	0° E			-4875 Jun 08 j 18:16	0° II	
evening max el	-4876 Jul 14 j 02:12	9° E 18'56	26°27'22	desc. node	-4875 Jun 19 j 08:43	14° II 41'33	
retrograde	-4876 Jul 26 j 21:26	16° E 34'55		evening max el	-4875 Jun 26 j 13:33	22° II 40'36	27°10'15
evening set	-4876 Aug 02 j 10:29	13° E 49'15			-4875 Jul 08 j 17:02	0° E	
min. Earth dist.	-4876 Aug 06 j 11:41	9° E 31'16	0.66048 AU	retrograde	-4875 Jul 09 j 22:17	0° E 04'41	
inferior conj	-4876 Aug 08 j 00:37	7° E 38'08	-2°35'26		-4875 Jul 11 j 02:59	30° R II	
minimum elong	-4876 Aug 08 j 03:52	7° E 28'09	2°34'08	evening set	-4875 Jul 16 j 21:28	27° II 16'56	
morning rise	-4876 Aug 13 j 21:31	1° E 50'26		min. Earth dist.	-4875 Jul 20 j 15:52	23° II 36'23	0.64883 AU
asc. node	-4876 Aug 16 j 09:14	0° E 58'13		inferior conj	-4875 Jul 22 j 18:26	21° II 13'43	-3°17'48
direct	-4876 Aug 16 j 23:39	0° E 56'10		minimum elong	-4875 Jul 22 j 22:01	21° II 03'33	3°16'39
morning max el	-4876 Aug 23 j 19:04	4° E 44'58	18°47'22	morning rise	-4875 Jul 28 j 23:04	15° II 40'47	
	-4876 Sep 10 j 05:33	0° O		direct	-4875 Jul 31 j 19:09	14° II 57'37	
morning set	-4876 Sep 13 j 21:37	5° O 52'07		asc. node	-4875 Aug 03 j 06:19	15° II 29'53	
desc. node	-4876 Sep 28 j 11:08	28° O 57'43		morning max el	-4875 Aug 07 j 08:05	18° II 29'57	18°13'56
	-4876 Sep 29 j 02:56	0° P			-4875 Aug 15 j 19:43	0° E	
				morning set	-4875 Aug 25 j 20:30	16° E 31'40	
superior conj	-4876 Sep 29 j 20:21	1° P 08'38	-0°08'43		-4875 Sep 03 j 00:26	0° O	
minimum elong	-4876 Sep 29 j 19:13	1° P 04'11	0°08'27				
behind sun begin	-4876 Sep 29 j 09:20	0° P 25'12		superior conj	-4875 Sep 08 j 23:30	9° O 37'06	0°39'23
behind sun end	-4876 Sep 30 j 05:07	1° P 43'10		minimum elong	-4875 Sep 09 j 04:03	9° O 55'19	0°39'01
max. Earth dist.	-4876 Sep 29 j 18:15	1° P 00'21	1.44781 AU	max. Earth dist.	-4875 Sep 12 j 11:53	15° O 12'47	1.44555 AU
evening rise	-4876 Oct 15 j 18:20	26° P 24'15		desc. node	-4875 Sep 15 j 08:04	19° O 41'51	
	-4876 Oct 18 j 00:08	0° A			-4875 Sep 21 j 21:56	0° P	
evening max el	-4876 Nov 06 j 04:43	28° A 13'56	18°55'32	evening rise	-4875 Sep 25 j 14:21	5° P 44'16	
	-4876 Nov 08 j 02:34	0° M		greatest brilliancy	-4875 Oct 07 j 21:37	24° P 41'14	-0.7m
asc. node	-4876 Nov 12 j 07:59	2° M 04'43			-4875 Oct 11 j 11:27	0° A	
retrograde	-4876 Nov 13 j 01:23	2° M 07'41		evening max el	-4875 Oct 20 j 12:08	11° A 41'08	19°44'11
evening set	-4876 Nov 16 j 04:35	1° M 11'24		retrograde	-4875 Oct 27 j 22:01	15° A 59'46	
	-4876 Nov 17 j 19:29	30° R 11		asc. node	-4875 Oct 30 j 05:09	15° A 29'05	
inferior conj	-4876 Nov 21 j 23:26	25° A 25'44	2°54'07	evening set	-4875 Oct 31 j 09:10	14° A 49'45	
minimum elong	-4876 Nov 21 j 20:13	25° A 35'37	2°53'05	inferior conj	-4875 Nov 05 j 22:36	8° A 51'05	2°09'27
min. Earth dist.	-4876 Nov 23 j 13:27	23° A 28'40	0.65320 AU	minimum elong	-4875 Nov 05 j 19:55	8° A 59'53	2°08'29
morning rise	-4876 Nov 27 j 11:30	19° A 17'10		min. Earth dist.	-4875 Nov 06 j 23:38	7° A 29'09	0.66315 AU
direct	-4876 Dec 04 j 01:02	16° A 28'14		morning rise	-4875 Nov 11 j 06:25	2° A 37'38	
morning max el	-4876 Dec 17 j 00:30	24° A 00'41	26°43'39	direct	-4875 Nov 17 j 06:33	0° A 00'14	
	-4876 Dec 22 j 10:52	0° M		morning max el	-4875 Nov 29 j 09:38	7° A 10'28	25°35'47
desc. node	-4876 Dec 25 j 11:16	3° M 44'56		desc. node	-4875 Dec 12 j 08:15	22° A 57'21	
	-4875 Jan 12 j 01:35	0° X			-4875 Dec 17 j 06:19	0° M	
morning set	-4875 Jan 21 j 21:28	17° X 37'14		morning set	-4874 Jan 04 j 15:28	0° X 14'50	
max. Earth dist.	-4875 Jan 26 j 06:07	26° X 08'03	1.34713 AU		-4874 Jan 04 j 12:12	0° X	
	-4875 Jan 28 j 04:06	0° Z		max. Earth dist.	-4874 Jan 08 j 11:09	7° X 20'53	1.36275 AU
superior conj	-4875 Jan 30 j 09:46	4° Z 35'45	-1°20'39	superior conj	-4874 Jan 14 j 03:24	18° X 25'11	-1°38'16
minimum elong	-4875 Jan 30 j 12:44	4° Z 51'08	1°20'29	minimum elong	-4874 Jan 14 j 06:14	18° X 39'18	1°38'15
evening rise	-4875 Feb 06 j 22:23	20° Z 19'37			-4874 Jan 19 j 20:21	0° Z	
asc. node	-4875 Feb 08 j 06:57	23° Z 06'59		evening rise	-4874 Jan 22 j 03:44	4° Z 42'08	
	-4875 Feb 11 j 18:10	0° \approx		asc. node	-4874 Jan 26 j 04:00	12° Z 40'05	
evening max el	-4875 Feb 26 j 13:11	21° \approx 48'16	21°09'22		-4874 Feb 05 j 20:23	0° \approx	
retrograde	-4875 Mar 10 j 04:41	27° \approx 21'27		evening max el	-4874 Feb 08 j 22:59	3° \approx 23'10	19°55'09
evening set	-4875 Mar 12 j 16:03	27° \approx 07'18		retrograde	-4874 Feb 18 j 21:50	8° \approx 05'40	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4874 Feb 21 j 06:16	7° \approx 51'06		retrograde	-4873 Jan 31 j 06:03	19° \approx 36'28	
inferior conj	-4874 Mar 01 j 21:42	3° \approx 49'59	2°11'43	evening set	-4873 Feb 02 j 16:29	19° \approx 17'45	
minimum elong	-4874 Mar 02 j 02:33	3° \approx 42'30	2°10'05	inferior conj	-4873 Feb 10 j 15:01	15° \approx 01'22	3°24'31
min. Earth dist.	-4874 Mar 04 j 03:22	2° \approx 27'37	0.55916 AU	minimum elong	-4873 Feb 10 j 19:29	14° \approx 53'26	3°23'26
	-4874 Mar 08 j 19:25	30° \approx 8'3		min. Earth dist.	-4873 Feb 13 j 18:33	12° \approx 48'40	0.57351 AU
desc. node	-4874 Mar 10 j 07:29	29° \approx 32'04		morning rise	-4873 Feb 18 j 20:01	9° \approx 58'15	
morning rise	-4874 Mar 10 j 20:36	29° \approx 31'50		direct	-4873 Feb 24 j 03:36	8° \approx 51'16	
direct	-4874 Mar 14 j 21:54	28° \approx 39'23		desc. node	-4873 Feb 25 j 04:37	8° \approx 53'52	
	-4874 Mar 20 j 21:11	0° \approx		morning max el	-4873 Mar 10 j 08:31	16° \approx 11'01	25°35'55
morning max el	-4874 Mar 28 j 17:35	5° \approx 33'41	24°01'54		-4873 Mar 21 j 13:10	0° \approx	
	-4874 Apr 15 j 00:43	0° \approx		morning set	-4873 Apr 06 j 17:51	29° \approx 19'05	
morning set	-4874 Apr 22 j 05:41	14° \approx 15'39			-4873 Apr 07 j 01:38	0° \approx	
asc. node	-4874 Apr 24 j 03:39	18° \approx 19'00		asc. node	-4873 Apr 11 j 00:37	8° \approx 29'26	
superior conj	-4874 Apr 29 j 07:20	29° \approx 13'54	0°50'59	superior conj	-4873 Apr 13 j 17:53	14° \approx 25'07	0°27'52
minimum elong	-4874 Apr 29 j 05:15	29° \approx 13'54	0°50'34	minimum elong	-4873 Apr 13 j 16:41	14° \approx 18'34	0°27'32
	-4874 Apr 29 j 13:49	0° \approx		max. Earth dist.	-4873 Apr 14 j 13:54	16° \approx 14'07	1.32866 AU
max. Earth dist.	-4874 May 01 j 03:16	3° \approx 20'36	1.33452 AU	evening rise	-4873 Apr 20 j 21:32	29° \approx 40'38	
evening rise	-4874 May 06 j 18:01	15° \approx 00'45			-4873 Apr 21 j 01:17	0° \approx	
	-4874 May 14 j 15:02	0° \approx			-4873 May 07 j 18:45	0° \approx	
	-4874 Jun 03 j 16:16	0° \approx		evening max el	-4873 May 22 j 06:19	18° \approx 12'01	27°08'40
desc. node	-4874 Jun 06 j 05:52	2° \approx 54'08		desc. node	-4873 May 24 j 03:01	19° \approx 53'48	
evening max el	-4874 Jun 08 j 23:47	5° \approx 42'27	27°25'30	retrograde	-4873 Jun 05 j 05:03	25° \approx 34'54	
retrograde	-4874 Jun 22 j 17:03	13° \approx 07'22		evening set	-4873 Jun 12 j 03:19	23° \approx 22'02	
evening set	-4874 Jun 29 j 20:23	10° \approx 30'12		min. Earth dist.	-4873 Jun 15 j 19:40	20° \approx 34'43	0.61488 AU
min. Earth dist.	-4874 Jul 03 j 10:46	7° \approx 21'50	0.63346 AU	inferior conj	-4873 Jun 19 j 00:05	17° \approx 43'26	-4°10'50
inferior conj	-4874 Jul 06 j 03:19	4° \approx 37'48	-3°51'14	minimum elong	-4873 Jun 19 j 01:29	17° \approx 40'17	4°10'34
minimum elong	-4874 Jul 06 j 06:25	4° \approx 29'54	3°50'30	morning rise	-4873 Jun 26 j 01:12	12° \approx 48'55	
	-4874 Jul 11 j 12:14	30° \approx 8'3		direct	-4873 Jun 28 j 14:57	12° \approx 21'00	
morning rise	-4874 Jul 12 j 17:20	29° \approx 8'22'43		morning max el	-4873 Jul 05 j 12:29	15° \approx 46'49	18°01'02
direct	-4874 Jul 15 j 09:27	28° \approx 48'05		asc. node	-4873 Jul 08 j 00:25	18° \approx 33'50	
	-4874 Jul 19 j 05:24	0° \approx			-4873 Jul 15 j 10:52	0° \approx	
asc. node	-4874 Jul 21 j 03:23	1° \approx 26'47		morning set	-4873 Jul 21 j 15:18	11° \approx 08'29	
morning max el	-4874 Jul 21 j 22:45	2° \approx 12'19	17°58'11				
morning set	-4874 Aug 07 j 20:09	28° \approx 21'41		superior conj	-4873 Aug 01 j 03:42	0° \approx 03'15	1°39'51
	-4874 Aug 08 j 18:39	0° \approx		minimum elong	-4873 Aug 01 j 07:23	0° \approx 19'21	1°39'52
					-4873 Aug 01 j 02:57	0° \approx	
superior conj	-4874 Aug 19 j 23:41	19° \approx 08'33	1°17'03	max. Earth dist.	-4873 Aug 08 j 13:39	12° \approx 39'25	1.42169 AU
minimum elong	-4874 Aug 20 j 05:33	19° \approx 32'51	1°16'42	evening rise	-4873 Aug 15 j 03:11	23° \approx 17'39	
max. Earth dist.	-4874 Aug 26 j 03:14	29° \approx 11'26	1.43643 AU		-4873 Aug 19 j 09:53	0° \approx	
	-4874 Aug 26 j 15:19	0° \approx		desc. node	-4873 Aug 20 j 01:56	1° \approx 01'58	
desc. node	-4874 Sep 02 j 05:00	10° \approx 24'17			-4873 Sep 09 j 03:44	0° \approx	
evening rise	-4874 Sep 04 j 18:48	14° \approx 24'38		evening max el	-4873 Sep 16 j 09:15	8° \approx 31'35	22°00'55
	-4874 Sep 15 j 00:29	0° \approx		retrograde	-4873 Sep 25 j 14:45	14° \approx 00'26	
evening max el	-4874 Oct 03 j 13:54	25° \approx 07'10	20°47'04	evening set	-4873 Sep 30 j 00:28	12° \approx 15'03	
retrograde	-4874 Oct 11 j 19:02	29° \approx 58'05		asc. node	-4873 Oct 03 j 23:28	7° \approx 51'19	
evening set	-4874 Oct 15 j 16:26	28° \approx 31'31		inferior conj	-4873 Oct 05 j 08:02	6° \approx 00'03	0°27'43
asc. node	-4874 Oct 17 j 02:19	27° \approx 17'31		minimum elong	-4873 Oct 05 j 07:24	6° \approx 02'16	0°27'34
inferior conj	-4874 Oct 21 j 02:08	22° \approx 23'03	1°19'57	min. Earth dist.	-4873 Oct 05 j 10:55	5° \approx 50'05	0.67321 AU
minimum elong	-4874 Oct 21 j 00:21	22° \approx 29'05	1°19'18		-4873 Oct 10 j 07:12	30° \approx 8'02	
min. Earth dist.	-4874 Oct 21 j 15:35	21° \approx 37'19	0.66974 AU	morning rise	-4873 Oct 10 j 14:12	29° \approx 44'52	
morning rise	-4874 Oct 26 j 08:06	16° \approx 07'20		direct	-4873 Oct 15 j 08:05	27° \approx 47'04	
direct	-4874 Oct 31 j 17:04	13° \approx 48'22			-4873 Oct 21 j 00:22	0° \approx	
morning max el	-4874 Nov 11 j 18:20	20° \approx 23'54	24°14'04	morning max el	-4873 Oct 25 j 05:00	3° \approx 40'31	22°47'54
	-4874 Nov 20 j 00:03	0° \approx			-4873 Nov 14 j 05:12	0° \approx	
desc. node	-4874 Nov 29 j 05:10	12° \approx 41'18		desc. node	-4873 Nov 16 j 02:03	2° \approx 47'35	
	-4874 Dec 10 j 11:36	0° \approx		morning set	-4873 Nov 28 j 05:33	21° \approx 52'51	
morning set	-4874 Dec 17 j 12:03	11° \approx 44'30		max. Earth dist.	-4873 Dec 03 j 05:35	0° \approx 15'21	1.40247 AU
max. Earth dist.	-4874 Dec 21 j 08:32	18° \approx 31'55	1.38190 AU		-4873 Dec 03 j 01:59	0° \approx	
	-4874 Dec 27 j 13:26	0° \approx					
				superior conj	-4873 Dec 10 j 23:11	13° \approx 53'24	-1°52'41
superior conj	-4874 Dec 28 j 09:27	1° \approx 35'21	-1°49'54	minimum elong	-4873 Dec 10 j 22:24	13° \approx 49'50	1°52'51
minimum elong	-4874 Dec 28 j 11:07	1° \approx 43'22	1°50'04		-4873 Dec 19 j 14:12	0° \approx	
evening rise	-4873 Jan 06 j 02:52	18° \approx 40'23		evening rise	-4873 Dec 20 j 16:58	2° \approx 07'04	
	-4873 Jan 12 j 00:52	0° \approx		asc. node	-4873 Dec 30 j 22:10	20° \approx 24'39	
asc. node	-4873 Jan 13 j 01:05	1° \approx 48'48		evening max el	-4872 Jan 05 j 23:03	28° \approx 12'13	18°24'09
evening max el	-4873 Jan 22 j 18:53	15° \approx 33'03	18°59'37		-4872 Jan 08 j 02:22	0° \approx	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

retrograde	-4872 Jan 13 j 08:50	1° Z 51'37			-4872 Dec 11 j 06:40	0° Z	
evening set	-4872 Jan 15 j 21:50	1° Z 27'02		asc. node	-4872 Dec 16 j 19:17	8° Z 17'27	
	-4872 Jan 18 j 22:55	30° R Z		evening max el	-4872 Dec 19 j 08:51	11° Z 13'13	18°08'44
inferior conj	-4872 Jan 23 j 04:41	26° Z 50'09	3°59'43	retrograde	-4872 Dec 26 j 03:50	14° Z 42'27	
minimum elong	-4872 Jan 23 j 06:25	26° Z 46'35	3°59'20	evening set	-4872 Dec 28 j 19:27	14° Z 10'54	
min. Earth dist.	-4872 Jan 26 j 13:19	24° Z 05'15	0.59226 AU	inferior conj	-4871 Jan 04 j 13:11	9° Z 12'36	4°04'27
morning rise	-4872 Jan 30 j 13:02	21° Z 23'21		minimum elong	-4871 Jan 04 j 12:13	9° Z 14'54	4°04'10
direct	-4872 Feb 05 j 21:48	19° Z 37'18		min. Earth dist.	-4871 Jan 07 j 14:57	6° Z 18'49	0.61214 AU
desc. node	-4872 Feb 12 j 01:44	21° Z 10'54		morning rise	-4871 Jan 11 j 03:42	3° Z 29'15	
morning max el	-4872 Feb 20 j 03:19	27° Z 10'46	26°50'09	direct	-4871 Jan 18 j 02:42	1° Z 07'44	
	-4872 Feb 22 j 20:39	0° Z		desc. node	-4871 Jan 28 j 22:47	5° Z 54'48	
	-4872 Mar 13 j 22:52	0° \approx		morning max el	-4871 Feb 01 j 04:15	8° Z 48'20	27°32'59
morning set	-4872 Mar 21 j 04:21	14° \approx 16'36			-4871 Feb 17 j 12:23	0° Z	
asc. node	-4872 Mar 27 j 21:34	28° \approx 43'15		morning set	-4871 Mar 05 j 11:17	29° Z 01'15	
					-4871 Mar 05 j 22:41	0° \approx	
superior conj	-4872 Mar 28 j 05:36	29° \approx 27'12	0°03'30	max. Earth dist.	-4871 Mar 11 j 15:46	12° \approx 09'05	1.32704 AU
minimum elong	-4872 Mar 28 j 05:27	29° \approx 26'23	0°03'18				
behind sun begin	-4872 Mar 28 j 00:33	28° \approx 59'33		superior conj	-4871 Mar 12 j 16:51	14° \approx 25'35	-0°21'22
behind sun end	-4872 Mar 28 j 10:21	29° \approx 53'13		minimum elong	-4871 Mar 12 j 17:49	14° \approx 30'47	0°21'21
max. Earth dist.	-4872 Mar 28 j 03:19	29° \approx 14'45	1.32615 AU	asc. node	-4871 Mar 14 j 18:32	18° \approx 56'30	
	-4872 Mar 28 j 11:35	0° X		evening rise	-4871 Mar 19 j 16:30	29° \approx 30'46	
evening rise	-4872 Apr 04 j 05:42	14° X 33'03			-4871 Mar 19 j 22:04	0° X	
	-4872 Apr 12 j 02:18	0° Y			-4871 Apr 05 j 18:00	0° Y	
	-4872 May 03 j 07:01	0° Z		evening max el	-4871 Apr 15 j 01:40	11° Y 08'33	25°03'33
evening max el	-4872 May 03 j 06:54	29° Y 59'42	26°19'32	desc. node	-4871 Apr 26 j 21:24	18° Y 05'22	
desc. node	-4872 May 10 j 00:12	5° Z 09'39		retrograde	-4871 Apr 29 j 02:50	18° Y 16'59	
retrograde	-4872 May 17 j 09:01	7° Z 18'46		evening set	-4871 May 04 j 04:17	17° Y 17'48	
evening set	-4872 May 23 j 14:25	5° Z 41'28		min. Earth dist.	-4871 May 09 j 14:06	14° Y 23'40	0.57511 AU
min. Earth dist.	-4872 May 27 j 19:48	2° Z 58'51	0.59452 AU	inferior conj	-4871 May 12 j 14:57	12° Y 20'34	-3°37'10
inferior conj	-4872 May 31 j 05:02	0° Z 20'33	-4°09'19	minimum elong	-4871 May 12 j 10:15	12° Y 28'35	3°36'18
minimum elong	-4872 May 31 j 03:29	0° Z 23'36	4°09'07	morning rise	-4871 May 20 j 19:20	8° Y 07'34	
	-4872 May 31 j 15:32	30° R Y		direct	-4871 May 23 j 06:11	7° Y 49'48	
morning rise	-4872 Jun 07 j 19:01	25° Y 47'48		morning max el	-4871 Jun 01 j 01:30	11° Y 56'49	19°05'48
direct	-4872 Jun 10 j 07:12	25° Y 25'29		asc. node	-4871 Jun 10 j 18:22	25° Y 18'18	
morning max el	-4872 Jun 17 j 22:22	29° Y 04'46	18°23'21		-4871 Jun 13 j 08:41	0° Z	
	-4872 Jun 18 j 20:26	0° Z		morning set	-4871 Jun 17 j 20:59	8° Z 42'22	
asc. node	-4872 Jun 23 j 21:24	6° Z 35'12					
morning set	-4872 Jul 04 j 00:55	24° Z 38'42		superior conj	-4871 Jun 26 j 07:32	25° Z 18'34	1°47'20
	-4872 Jul 06 j 20:14	0° II		minimum elong	-4871 Jun 26 j 06:15	25° Z 12'26	1°47'30
					-4871 Jun 28 j 18:32	0° II	
superior conj	-4872 Jul 13 j 08:14	12° II 12'03	1°48'57	max. Earth dist.	-4871 Jul 02 j 19:05	7° II 26'49	1.38392 AU
minimum elong	-4872 Jul 13 j 09:05	12° II 15'58	1°49'11	evening rise	-4871 Jul 06 j 16:50	14° II 23'35	
max. Earth dist.	-4872 Jul 20 j 17:55	25° II 23'16	1.40331 AU		-4871 Jul 16 j 02:19	0° Z	
	-4872 Jul 23 j 10:52	0° Z		desc. node	-4871 Jul 23 j 19:58	11° Z 46'39	
evening rise	-4872 Jul 25 j 08:43	3° Z 11'30			-4871 Aug 06 j 11:32	0° Z	
desc. node	-4872 Aug 05 j 22:55	21° Z 31'06		evening max el	-4871 Aug 11 j 10:13	5° Z 23'43	24°41'05
	-4872 Aug 11 j 17:04	0° Z		retrograde	-4871 Aug 22 j 21:03	12° Z 05'43	
evening max el	-4872 Aug 28 j 23:10	21° Z 56'10	23°21'06	evening set	-4871 Aug 28 j 11:44	9° Z 41'34	
retrograde	-4872 Sep 08 j 07:47	28° Z 04'17		min. Earth dist.	-4871 Sep 02 j 02:09	4° Z 23'33	0.67122 AU
evening set	-4872 Sep 13 j 07:31	25° Z 59'04		inferior conj	-4871 Sep 02 j 20:02	3° Z 23'49	-1°18'05
inferior conj	-4872 Sep 18 j 14:35	19° Z 40'59	-0°25'31	minimum elong	-4871 Sep 02 j 21:49	3° Z 17'52	1°17'09
minimum elong	-4872 Sep 18 j 15:10	19° Z 38'59	0°25'05		-4871 Sep 05 j 12:04	30° R Z	
min. Earth dist.	-4872 Sep 18 j 07:17	20° Z 06'04	0.67371 AU	asc. node	-4871 Sep 06 j 17:43	28° Z 40'07	
asc. node	-4872 Sep 19 j 20:36	17° Z 59'00		morning rise	-4871 Sep 08 j 07:52	27° Z 18'45	
morning rise	-4872 Sep 23 j 22:45	13° Z 29'15		direct	-4871 Sep 12 j 00:10	26° Z 00'37	
direct	-4872 Sep 28 j 02:50	11° Z 52'20			-4871 Sep 19 j 05:50	0° Z	
morning max el	-4872 Oct 06 j 20:35	17° Z 02'53	21°25'32	morning max el	-4871 Sep 19 j 19:00	0° Z 32'56	20°12'58
	-4872 Oct 17 j 06:12	0° Z			-4871 Oct 10 j 22:53	0° Z	
desc. node	-4872 Nov 01 j 22:55	23° Z 09'41		morning set	-4871 Oct 16 j 18:22	8° Z 56'50	
	-4872 Nov 06 j 08:23	0° Z		desc. node	-4871 Oct 19 j 19:46	13° Z 42'21	
morning set	-4872 Nov 06 j 19:30	0° Z 43'45		max. Earth dist.	-4871 Oct 27 j 17:18	26° Z 11'23	1.43680 AU
max. Earth dist.	-4872 Nov 14 j 07:49	12° Z 48'55	1.42164 AU		-4871 Oct 30 j 02:08	0° Z	
superior conj	-4872 Nov 21 j 15:00	25° Z 05'29	-1°43'04	superior conj	-4871 Nov 02 j 03:54	5° Z 00'11	-1°17'45
minimum elong	-4872 Nov 21 j 10:46	24° Z 47'16	1°42'53	minimum elong	-4871 Nov 01 j 21:15	4° Z 33'00	1°17'04
	-4872 Nov 24 j 10:47	0° Z		evening rise	-4871 Nov 15 j 03:04	26° Z 52'36	
evening rise	-4872 Dec 02 j 18:30	14° Z 54'22			-4871 Nov 16 j 22:25	0° Z	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening max el	-4871 Dec 02 j 21:20	24° \mathbb{M} 27'51	18°12'38	retrograde	-4870 Nov 23 j 01:38	11° \mathbb{M} 33'12	
asc. node	-4871 Dec 03 j 16:25	25° \mathbb{M} 13'48		evening set	-4870 Nov 26 j 01:23	10° \mathbb{M} 43'24	
retrograde	-4871 Dec 09 j 10:44	27° \mathbb{M} 58'43		inferior conj	-4870 Dec 02 j 00:07	5° \mathbb{M} 06'34	3°16'33
evening set	-4871 Dec 12 j 05:44	27° \mathbb{M} 18'53		minimum elong	-4870 Dec 01 j 20:53	5° \mathbb{M} 16'06	3°15'38
inferior conj	-4871 Dec 18 j 12:53	22° \mathbb{M} 00'11	3°47'42	min. Earth dist.	-4870 Dec 03 j 22:08	2° \mathbb{M} 51'16	0.64599 AU
minimum elong	-4871 Dec 18 j 10:14	22° \mathbb{M} 07'14	3°47'07		-4870 Dec 06 j 14:19	30° \mathbb{R} $\underline{\mathbb{A}}$	
min. Earth dist.	-4871 Dec 21 j 01:35	19° \mathbb{M} 18'38	0.63056 AU	morning rise	-4870 Dec 07 j 15:59	29° $\underline{\mathbb{A}}$ 02'19	
morning rise	-4871 Dec 24 j 14:00	16° \mathbb{M} 05'01		direct	-4870 Dec 14 j 11:45	26° $\underline{\mathbb{A}}$ 11'35	
direct	-4871 Dec 31 j 15:49	13° \mathbb{M} 21'10			-4870 Dec 23 j 11:37	0° \mathbb{M}	
morning max el	-4870 Jan 14 j 10:25	21° \mathbb{M} 03'44	27°39'56	morning max el	-4870 Dec 27 j 19:35	3° \mathbb{M} 49'46	27°12'37
desc. node	-4870 Jan 15 j 19:48	22° \mathbb{M} 28'29		desc. node	-4869 Jan 02 j 16:48	10° \mathbb{M} 20'58	
	-4870 Jan 22 j 06:17	0° \mathbb{A}			-4869 Jan 16 j 16:39	0° \mathbb{A}	
	-4870 Feb 10 j 12:27	0° \mathbb{B}		morning set	-4869 Feb 01 j 04:40	27° \mathbb{A} 16'38	
morning set	-4870 Feb 17 j 12:22	13° \mathbb{B} 24'31			-4869 Feb 02 j 13:57	0° \mathbb{B}	
max. Earth dist.	-4870 Feb 22 j 23:27	24° \mathbb{B} 43'30	1.33157 AU	max. Earth dist.	-4869 Feb 05 j 22:39	6° \mathbb{B} 47'00	1.34020 AU
superior conj	-4870 Feb 25 j 01:57	29° \mathbb{B} 13'45	-0°45'45	superior conj	-4869 Feb 09 j 06:59	13° \mathbb{B} 45'01	-1°08'39
minimum elong	-4870 Feb 25 j 03:56	29° \mathbb{B} 24'21	0°45'36	minimum elong	-4869 Feb 09 j 09:43	13° \mathbb{B} 59'24	1°08'27
	-4870 Feb 25 j 10:33	0° \approx		evening rise	-4869 Feb 16 j 14:45	29° \mathbb{B} 14'52	
asc. node	-4870 Mar 01 j 15:34	9° \approx 04'51		asc. node	-4869 Feb 16 j 12:36	29° \mathbb{B} 03'38	
evening rise	-4870 Mar 04 j 04:06	14° \approx 26'52			-4869 Feb 16 j 23:25	0° \approx	
	-4870 Mar 12 j 01:29	0° \mathbb{H}			-4869 Mar 06 j 22:17	0° \mathbb{H}	
evening max el	-4870 Mar 27 j 17:58	21° \mathbb{H} 55'17	23°32'06	evening max el	-4869 Mar 09 j 13:18	2° \mathbb{H} 44'22	21°58'55
retrograde	-4870 Apr 10 j 07:54	28° \mathbb{H} 38'54		retrograde	-4869 Mar 22 j 01:13	8° \mathbb{H} 46'36	
desc. node	-4870 Apr 13 j 18:35	28° \mathbb{H} 12'46		evening set	-4869 Mar 24 j 20:01	8° \mathbb{H} 29'23	
evening set	-4870 Apr 14 j 01:57	28° \mathbb{H} 08'00		desc. node	-4869 Mar 31 j 15:46	5° \mathbb{H} 47'41	
min. Earth dist.	-4870 Apr 21 j 05:25	24° \mathbb{H} 50'48	0.56008 AU	inferior conj	-4869 Apr 03 j 04:08	4° \mathbb{H} 24'02	-0°41'25
inferior conj	-4870 Apr 23 j 05:03	23° \mathbb{H} 39'31	-2°26'31	minimum elong	-4869 Apr 03 j 02:13	4° \mathbb{H} 26'44	0°40'53
minimum elong	-4870 Apr 22 j 23:36	23° \mathbb{H} 47'43	2°25'01	min. Earth dist.	-4869 Apr 02 j 19:31	4° \mathbb{H} 36'10	0.55250 AU
morning rise	-4870 May 01 j 23:56	19° \mathbb{H} 39'34		morning rise	-4869 Apr 12 j 09:23	0° \mathbb{H} 24'03	
direct	-4870 May 04 j 10:48	19° \mathbb{H} 24'28		direct	-4869 Apr 15 j 01:48	0° \mathbb{H} 07'55	
morning max el	-4870 May 14 j 19:17	24° \mathbb{H} 13'46	20°08'30	morning max el	-4869 Apr 27 j 02:09	5° \mathbb{H} 49'04	21°29'58
	-4870 May 19 j 20:11	0° \mathbb{Y}			-4869 May 13 j 09:35	0° \mathbb{Y}	
asc. node	-4870 May 28 j 15:21	14° \mathbb{Y} 33'19		asc. node	-4869 May 15 j 12:20	4° \mathbb{Y} 11'38	
morning set	-4870 Jun 02 j 00:28	23° \mathbb{Y} 11'41		morning set	-4869 May 17 j 08:50	7° \mathbb{Y} 58'50	
	-4870 Jun 05 j 08:31	0° \mathbb{C}					
superior conj	-4870 Jun 09 j 20:28	9° \mathbb{C} 08'34	1°37'49	superior conj	-4869 May 24 j 18:55	23° \mathbb{Y} 29'25	1°22'37
minimum elong	-4870 Jun 09 j 18:02	8° \mathbb{C} 56'24	1°37'45	minimum elong	-4869 May 24 j 16:11	23° \mathbb{Y} 15'12	1°22'20
max. Earth dist.	-4870 Jun 14 j 23:40	19° \mathbb{C} 13'38	1.36591 AU	max. Earth dist.	-4869 May 27 j 23:03	0° \mathbb{C}	
evening rise	-4870 Jun 19 j 00:27	26° \mathbb{C} 46'49		evening rise	-4869 May 28 j 12:36	1° \mathbb{C} 08'24	1.35085 AU
	-4870 Jun 20 j 19:06	0° \mathbb{I}			-4869 Jun 02 j 01:58	10° \mathbb{C} 05'15	
	-4870 Jul 09 j 12:00	0° \mathbb{D}		desc. node	-4869 Jun 13 j 06:58	0° \mathbb{I}	
desc. node	-4870 Jul 10 j 17:04	1° \mathbb{D} 42'18			-4869 Jun 27 j 14:12	21° \mathbb{I} 08'30	
evening max el	-4870 Jul 24 j 20:57	18° \mathbb{D} 54'36	25°52'56	evening max el	-4869 Jul 05 j 00:30	0° \mathbb{D}	
retrograde	-4870 Aug 06 j 05:47	26° \mathbb{D} 00'33		retrograde	-4869 Jul 07 j 08:10	2° \mathbb{D} 21'58	26°48'31
evening set	-4870 Aug 12 j 11:12	23° \mathbb{D} 21'02		evening set	-4869 Jul 20 j 09:27	9° \mathbb{D} 41'40	
min. Earth dist.	-4870 Aug 16 j 17:06	18° \mathbb{D} 40'42	0.66548 AU	min. Earth dist.	-4869 Jul 27 j 03:32	6° \mathbb{D} 53'45	
inferior conj	-4870 Aug 17 j 22:36	17° \mathbb{D} 06'51	-2°08'18	inferior conj	-4869 Jul 31 j 01:40	2° \mathbb{D} 52'09	0.65608 AU
minimum elong	-4870 Aug 18 j 01:25	16° \mathbb{D} 57'53	2°07'03	minimum elong	-4869 Aug 01 j 20:16	0° \mathbb{D} 45'57	-2°54'16
morning rise	-4870 Aug 23 j 15:44	11° \mathbb{D} 11'47			-4869 Aug 01 j 23:45	0° \mathbb{D} 35'37	2°52'58
asc. node	-4870 Aug 24 j 14:48	10° \mathbb{D} 40'39			-4869 Aug 02 j 11:50	30° \mathbb{R} \mathbb{I}	
direct	-4870 Aug 26 j 22:28	10° \mathbb{D} 09'33		morning rise	-4869 Aug 07 j 20:16	25° \mathbb{I} 04'13	
morning max el	-4870 Sep 03 j 00:25	14° \mathbb{D} 11'29	19°14'07	direct	-4869 Aug 10 j 19:40	24° \mathbb{I} 14'54	
	-4870 Sep 14 j 17:07	0° \mathbb{Q}		asc. node	-4869 Aug 11 j 11:53	24° \mathbb{I} 17'26	
morning set	-4870 Sep 26 j 01:24	17° \mathbb{Q} 39'56		morning max el	-4869 Aug 17 j 11:20	27° \mathbb{I} 55'13	18°31'02
	-4870 Oct 03 j 21:59	0° \mathbb{P}			-4869 Aug 19 j 08:18	0° \mathbb{D}	
desc. node	-4870 Oct 06 j 16:41	4° \mathbb{P} 22'16		morning set	-4869 Sep 06 j 08:34	27° \mathbb{D} 34'27	
max. Earth dist.	-4870 Oct 10 j 08:55	10° \mathbb{P} 10'08	1.44591 AU		-4869 Sep 07 j 20:26	0° \mathbb{Q}	
superior conj	-4870 Oct 12 j 15:02	13° \mathbb{P} 44'24	-0°36'48	superior conj	-4869 Sep 21 j 14:22	21° \mathbb{Q} 59'11	0°12'23
minimum elong	-4870 Oct 12 j 10:30	13° \mathbb{P} 26'25	0°36'08	minimum elong	-4869 Sep 21 j 15:59	22° \mathbb{Q} 05'35	0°12'21
	-4870 Oct 22 j 18:14	0° $\underline{\mathbb{A}}$		behind sun begin	-4869 Sep 21 j 08:30	21° \mathbb{Q} 36'01	
evening rise	-4870 Oct 27 j 14:01	7° $\underline{\mathbb{A}}$ 53'15		behind sun end	-4869 Sep 21 j 23:28	22° \mathbb{Q} 35'08	
	-4870 Nov 10 j 07:39	0° \mathbb{M}		max. Earth dist.	-4869 Sep 23 j 03:06	24° \mathbb{Q} 24'11	1.44780 AU
evening max el	-4870 Nov 16 j 09:48	7° \mathbb{M} 50'36	18°34'51	desc. node	-4869 Sep 23 j 13:37	25° \mathbb{Q} 05'38	
asc. node	-4870 Nov 20 j 13:34	10° \mathbb{M} 59'08			-4869 Sep 26 j 16:22	0° \mathbb{P}	
				evening rise	-4869 Oct 07 j 23:55	17° \mathbb{P} 49'06	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4869 Oct 15 j 17:25	0°♌				-4868 Oct 08 j 23:34	0°♌	
greatest brilliancy	-4869 Oct 17 j 05:23	2°♌20'31	-0.8m	evening max el	-4868 Oct 13 j 00:42	4°♌43'09	20°09'20	
evening max el	-4869 Oct 30 j 19:39	21°♌16'53	19°14'18	retrograde	-4868 Oct 20 j 18:13	9°♌15'11		
retrograde	-4869 Nov 06 j 21:04	25°♌20'16		evening set	-4868 Oct 24 j 09:23	7°♌58'29		
asc. node	-4869 Nov 07 j 10:41	25°♌18'25		asc. node	-4868 Oct 24 j 07:50	8°♌01'13		
evening set	-4869 Nov 10 j 03:26	24°♌18'18		inferior conj	-4868 Oct 29 j 21:01	1°♌55'01	1°48'55	
inferior conj	-4869 Nov 15 j 19:44	18°♌26'25	2°35'53	minimum elong	-4868 Oct 29 j 18:41	2°♌02'49	1°48'03	
minimum elong	-4869 Nov 15 j 16:41	18°♌36'05	2°34'51	min. Earth dist.	-4868 Oct 30 j 16:57	0°♌48'31	0.66628 AU	
min. Earth dist.	-4869 Nov 17 j 03:56	16°♌44'21	0.65786 AU		-4868 Oct 31 j 07:39	30°♌		
morning rise	-4869 Nov 21 j 05:41	12°♌15'31		morning rise	-4868 Nov 04 j 03:46	25°♌40'02		
direct	-4869 Nov 27 j 13:44	9°♌30'44		direct	-4868 Nov 09 j 21:23	23°♌10'03		
morning max el	-4869 Dec 10 j 05:22	16°♌54'59	26°17'11		-4868 Nov 21 j 11:20	0°♌		
desc. node	-4869 Dec 20 j 13:48	29°♌09'18		morning max el	-4868 Nov 21 j 14:22	0°♌07'35	25°02'10	
	-4869 Dec 21 j 04:56	0°♌		desc. node	-4868 Dec 06 j 10:43	18°♌36'19		
	-4868 Jan 09 j 13:42	0°♌			-4868 Dec 14 j 03:08	0°♌		
morning set	-4868 Jan 15 j 08:17	10°♌26'06		morning set	-4868 Dec 27 j 17:55	22°♌36'57		
max. Earth dist.	-4868 Jan 19 j 10:44	18°♌17'11	1.35325 AU	max. Earth dist.	-4868 Dec 31 j 11:48	29°♌25'11	1.37051 AU	
					-4868 Dec 31 j 19:18	0°♌		
superior conj	-4868 Jan 24 j 05:37	27°♌52'21	-1°28'42	superior conj	-4867 Jan 06 j 18:45	11°♌26'03	-1°44'06	
minimum elong	-4868 Jan 24 j 08:37	28°♌07'43	1°28'36	minimum elong	-4867 Jan 06 j 21:14	11°♌38'14	1°44'10	
	-4868 Jan 25 j 06:31	0°♌		evening rise	-4867 Jan 15 j 01:39	28°♌01'47		
evening rise	-4868 Jan 31 j 22:39	13°♌48'57			-4867 Jan 16 j 01:18	0°♌		
asc. node	-4868 Feb 03 j 09:39	18°♌48'05		asc. node	-4867 Jan 20 j 06:41	8°♌11'38		
	-4868 Feb 09 j 09:03	0°♌		evening max el	-4867 Feb 01 j 07:08	25°♌48'45	19°29'07	
evening max el	-4868 Feb 19 j 16:58	13°♌58'59	20°35'39		-4867 Feb 08 j 11:41	0°♌		
retrograde	-4868 Mar 01 j 15:20	19°♌10'28		retrograde	-4867 Feb 10 j 14:04	0°♌13'09		
evening set	-4868 Mar 04 j 00:21	18°♌56'45		evening set	-4867 Feb 12 j 22:51	29°♌57'18		
inferior conj	-4868 Mar 13 j 00:16	14°♌58'33	1°13'40		-4867 Feb 12 j 17:41	30°♌		
minimum elong	-4868 Mar 13 j 03:27	14°♌53'55	1°12'25	inferior conj	-4867 Feb 21 j 07:11	25°♌50'51	2°47'19	
min. Earth dist.	-4868 Mar 14 j 09:37	14°♌10'01	0.55408 AU	minimum elong	-4867 Feb 21 j 12:20	25°♌42'27	2°45'47	
desc. node	-4868 Mar 17 j 12:56	12°♌27'21		min. Earth dist.	-4867 Feb 24 j 00:20	24°♌05'14	0.56445 AU	
morning rise	-4868 Mar 22 j 05:16	10°♌40'30		morning rise	-4867 Mar 01 j 23:14	21°♌03'40		
direct	-4868 Mar 25 j 14:43	10°♌15'26		desc. node	-4867 Mar 04 j 10:05	20°♌26'22		
morning max el	-4868 Apr 07 j 23:15	16°♌46'57	23°05'01	direct	-4867 Mar 06 j 13:11	20°♌15'54		
	-4868 Apr 18 j 11:03	0°♌		morning max el	-4867 Mar 20 j 14:41	27°♌23'48	24°43'24	
morning set	-4868 Apr 30 j 20:03	22°♌57'14			-4867 Mar 23 j 03:29	0°♌		
asc. node	-4868 May 01 j 09:20	24°♌06'48			-4867 Apr 11 j 10:17	0°♌		
	-4868 May 04 j 03:55	0°♌		morning set	-4867 Apr 15 j 08:19	8°♌00'00		
superior conj	-4868 May 07 j 23:53	8°♌11'44	1°03'23	asc. node	-4867 Apr 18 j 06:18	14°♌12'42		
minimum elong	-4868 May 07 j 21:26	7°♌58'44	1°02'59	superior conj	-4867 Apr 22 j 08:56	23°♌06'57	0°41'23	
max. Earth dist.	-4868 May 10 j 11:20	13°♌26'01	1.33939 AU	minimum elong	-4867 Apr 22 j 07:12	22°♌57'34	0°41'00	
evening rise	-4868 May 15 j 16:29	24°♌04'37		max. Earth dist.	-4867 Apr 23 j 18:17	26°♌07'10	1.33154 AU	
	-4868 May 18 j 17:46	0°♌			-4867 Apr 25 j 13:47	0°♌		
desc. node	-4868 Jun 05 j 20:37	0°♌		evening rise	-4867 Apr 29 j 16:07	8°♌32'16		
evening max el	-4868 Jun 13 j 11:18	9°♌52'48			-4867 May 11 j 04:02	0°♌		
retrograde	-4868 Jun 18 j 19:06	15°♌36'01	27°20'17	desc. node	-4867 May 31 j 08:27	27°♌37'28		
evening set	-4868 Jul 02 j 07:47	23°♌01'17		evening max el	-4867 Jun 01 j 03:53	28°♌24'57	27°22'24	
min. Earth dist.	-4868 Jul 09 j 09:49	20°♌15'57			-4867 Jun 02 j 21:22	0°♌		
inferior conj	-4868 Jul 13 j 01:53	16°♌50'26	0.64281 AU	retrograde	-4867 Jun 15 j 00:07	5°♌50'12		
minimum elong	-4868 Jul 15 j 10:36	14°♌17'04	-3°33'19	evening set	-4867 Jun 22 j 02:29	3°♌21'31		
morning rise	-4868 Jul 15 j 14:07	14°♌07'33	3°32'19	min. Earth dist.	-4867 Jun 25 j 16:35	0°♌23'50	0.62583 AU	
direct	-4868 Jul 21 j 19:05	8°♌51'42			-4867 Jun 26 j 02:44	30°♌		
asc. node	-4868 Jul 24 j 13:14	8°♌12'30		inferior conj	-4867 Jun 28 j 14:45	27°♌34'18	-4°01'39	
morning max el	-4868 Jul 28 j 08:58	9°♌27'02		minimum elong	-4867 Jun 28 j 17:17	27°♌28'08	4°01'07	
	-4868 Jul 31 j 01:26	11°♌40'04	18°05'00	morning rise	-4867 Jul 05 j 09:18	22°♌27'52		
morning set	-4868 Aug 12 j 14:49	0°♌		direct	-4867 Jul 08 j 00:06	21°♌56'26		
	-4868 Aug 17 j 18:29	8°♌45'11		morning max el	-4867 Jul 14 j 16:05	25°♌20'22	17°57'03	
	-4868 Aug 30 j 12:29	0°♌		asc. node	-4867 Jul 15 j 06:01	25°♌55'50		
superior conj	-4868 Aug 31 j 00:44	0°♌49'38	0°57'06		-4867 Jul 18 j 13:28	0°♌		
minimum elong	-4868 Aug 31 j 06:26	1°♌12'44	0°56'39	morning set	-4867 Jul 31 j 03:07	21°♌01'16		
max. Earth dist.	-4868 Sep 04 j 20:06	8°♌32'49	1.44245 AU		-4867 Aug 05 j 04:37	0°♌		
desc. node	-4868 Sep 09 j 10:32	15°♌49'14		superior conj	-4867 Aug 11 j 12:48	10°♌57'03	1°28'33	
evening rise	-4868 Sep 16 j 11:24	26°♌47'04		minimum elong	-4867 Aug 11 j 17:59	11°♌19'00	1°28'21	
	-4868 Sep 18 j 13:23	0°♌		max. Earth dist.	-4867 Aug 18 j 09:03	22°♌18'38	1.43071 AU	
greatest brilliancy	-4868 Sep 30 j 00:22	17°♌24'17	-0.6m					
























































































































Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4867 Aug 23 j 04:00	0°♌			-4866 Aug 16 j 02:28	0°♌	
evening rise	-4867 Aug 26 j 14:54	5°♌25'55			-4866 Sep 07 j 04:59	0°♍	
desc. node	-4867 Aug 27 j 07:27	6°♌30'22		evening max el	-4866 Sep 08 j 16:41	1°♍33'40	22°34'39
	-4867 Sep 11 j 22:50	0°♍		retrograde	-4866 Sep 18 j 09:32	7°♍18'57	
evening max el	-4867 Sep 25 j 23:42	18°♍08'42	21°17'24	evening set	-4866 Sep 23 j 01:01	5°♍25'23	
retrograde	-4867 Oct 04 j 14:55	23°♍15'40			-4866 Sep 27 j 17:23	30°♍♌	
evening set	-4867 Oct 08 j 17:12	21°♍41'34		inferior conj	-4866 Sep 28 j 08:12	29°♌08'55	0°05'11
asc. node	-4867 Oct 11 j 04:58	19°♍14'15		minimum elong	-4866 Sep 28 j 08:04	29°♌09'21	0°05'17
inferior conj	-4867 Oct 14 j 01:48	15°♍29'56	0°58'03	transit middle	-4866 Sep 28 j 08:04	29°♌09'21	0°05'17
minimum elong	-4867 Oct 14 j 00:30	15°♍34'27	0°57'35	transit begin	-4866 Sep 28 j 05:31	29°♌18'10	
min. Earth dist.	-4867 Oct 14 j 10:45	14°♍59'14	0.67156 AU	transit end	-4866 Sep 28 j 10:38	29°♌00'32	
morning rise	-4867 Oct 19 j 07:36	9°♍13'52		asc. node	-4866 Sep 28 j 02:07	29°♌29'55	
direct	-4867 Oct 24 j 10:04	7°♍03'32		min. Earth dist.	-4866 Sep 28 j 06:49	29°♌13'41	0.67384 AU
morning max el	-4867 Nov 03 j 23:27	13°♍22'16	23°37'19	morning rise	-4866 Oct 03 j 15:00	22°♌54'48	
	-4867 Nov 17 j 09:23	0°♎		direct	-4866 Oct 08 j 02:56	21°♌05'48	
desc. node	-4867 Nov 23 j 07:37	8°♎30'52		morning max el	-4866 Oct 17 j 11:41	26°♌40'17	22°11'53
	-4867 Dec 07 j 00:35	0°♏			-4866 Oct 20 j 12:30	0°♍	
morning set	-4867 Dec 09 j 03:31	3°♏33'19		desc. node	-4866 Nov 10 j 04:29	28°♍44'37	
max. Earth dist.	-4867 Dec 13 j 07:30	10°♏43'53	1.39064 AU		-4866 Nov 11 j 00:15	0°♎	
				morning set	-4866 Nov 19 j 08:41	13°♎05'59	
superior conj	-4867 Dec 20 j 18:28	24°♏15'42	-1°52'23	max. Earth dist.	-4866 Nov 25 j 06:13	22°♎47'29	1.41105 AU
minimum elong	-4867 Dec 20 j 19:15	24°♏19'26	1°52'34		-4866 Nov 29 j 11:44	0°♏	
	-4867 Dec 23 j 19:10	0°♐					
evening rise	-4867 Dec 29 j 21:17	11°♐47'11		superior conj	-4866 Dec 02 j 23:36	6°♏07'44	-1°50'21
asc. node	-4866 Jan 07 j 03:44	27°♐07'19		minimum elong	-4866 Dec 02 j 21:25	5°♏58'00	1°50'24
	-4866 Jan 08 j 22:01	0°♑		evening rise	-4866 Dec 13 j 06:27	24°♏57'54	
evening max el	-4866 Jan 15 j 06:55	8°♑12'14	18°42'05		-4866 Dec 15 j 23:28	0°♐	
retrograde	-4866 Jan 23 j 05:49	12°♑03'10		asc. node	-4866 Dec 25 j 00:49	15°♐26'12	
evening set	-4866 Jan 25 j 17:24	11°♑42'06		evening max el	-4866 Dec 29 j 13:52	21°♐02'00	18°15'11
inferior conj	-4866 Feb 02 j 09:02	7°♑17'42	3°43'44	retrograde	-4865 Jan 05 j 15:53	24°♐35'08	
minimum elong	-4866 Feb 02 j 12:28	7°♑11'12	3°42'59	evening set	-4865 Jan 08 j 06:08	24°♐07'33	
min. Earth dist.	-4866 Feb 05 j 16:49	4°♑48'20	0.58120 AU	inferior conj	-4865 Jan 15 j 07:04	19°♐21'26	4°04'53
morning rise	-4866 Feb 10 j 05:09	2°♑03'35		minimum elong	-4865 Jan 15 j 07:33	19°♐20'21	4°04'37
direct	-4866 Feb 16 j 00:49	0°♑39'56		min. Earth dist.	-4865 Jan 18 j 13:52	16°♐30'05	0.60082 AU
desc. node	-4866 Feb 19 j 07:12	1°♑06'01		morning rise	-4865 Jan 22 j 07:21	13°♐47'13	
morning max el	-4866 Mar 02 j 06:30	8°♑06'57	26°10'38	direct	-4865 Jan 28 j 23:49	11°♐45'00	
	-4866 Mar 18 j 16:06	0°♒		desc. node	-4865 Feb 06 j 04:17	14°♐29'59	
morning set	-4866 Mar 30 j 19:55	23°♒01'02		morning max el	-4865 Feb 12 j 03:38	19°♐21'14	27°12'39
	-4866 Apr 03 j 02:32	0°♓			-4865 Feb 21 j 05:37	0°♑	
asc. node	-4866 Apr 05 j 03:15	4°♓24'46			-4865 Mar 11 j 07:12	0°♒	
				morning set	-4865 Mar 15 j 05:11	7°♒54'16	
superior conj	-4866 Apr 06 j 20:09	8°♓08'16	0°17'37				
minimum elong	-4866 Apr 06 j 19:23	8°♓04'05	0°17'21	superior conj	-4865 Mar 22 j 07:54	23°♒09'53	-0°07'04
max. Earth dist.	-4866 Apr 07 j 06:22	9°♓04'04	1.32718 AU	minimum elong	-4865 Mar 22 j 08:13	23°♒11'39	0°07'10
evening rise	-4866 Apr 13 j 21:52	23°♓18'14		behind sun begin	-4865 Mar 22 j 03:43	22°♒47'03	
	-4866 Apr 17 j 05:10	0°♔		behind sun end	-4865 Mar 22 j 12:43	23°♒36'14	
	-4866 May 05 j 04:43	0°♕		max. Earth dist.	-4865 Mar 21 j 20:00	22°♒04'53	1.32614 AU
evening max el	-4866 May 14 j 08:12	10°♕37'29	26°51'41	asc. node	-4865 Mar 23 j 00:13	24°♒39'08	
desc. node	-4866 May 18 j 05:38	13°♕57'00			-4865 Mar 25 j 11:01	0°♔	
retrograde	-4866 May 28 j 09:00	17°♕59'04		evening rise	-4865 Mar 29 j 07:27	8°♔14'30	
evening set	-4866 Jun 04 j 01:22	16°♕00'44			-4865 Apr 09 j 17:33	0°♕	
min. Earth dist.	-4866 Jun 07 j 21:44	13°♕17'12	0.60621 AU	evening max el	-4865 Apr 26 j 06:25	22°♕08'50	25°50'01
inferior conj	-4866 Jun 11 j 05:14	10°♕28'53	-4°13'22	desc. node	-4865 May 05 j 02:50	28°♕18'32	
minimum elong	-4866 Jun 11 j 05:30	10°♕28'18	4°13'12	retrograde	-4865 May 10 j 08:37	29°♕23'40	
morning rise	-4866 Jun 18 j 11:33	5°♕43'21		evening set	-4865 May 16 j 03:19	28°♕03'09	
direct	-4866 Jun 21 j 00:31	5°♕17'58		min. Earth dist.	-4865 May 20 j 18:58	25°♕17'28	0.58597 AU
morning max el	-4866 Jun 28 j 04:27	8°♕48'22	18°08'06	inferior conj	-4865 May 24 j 02:29	22°♕51'55	-4°00'04
asc. node	-4866 Jul 02 j 03:02	13°♕27'28		minimum elong	-4865 May 23 j 23:29	22°♕57'26	3°59'40
	-4866 Jul 11 j 23:36	0°♖		morning rise	-4865 May 31 j 22:22	18°♕27'47	
morning set	-4866 Jul 14 j 05:01	4°♖08'04		direct	-4865 Jun 03 j 10:09	18°♕07'23	
				morning max el	-4865 Jun 11 j 11:47	21°♕56'31	18°38'57
superior conj	-4866 Jul 24 j 03:52	22°♖24'42	1°45'12		-4865 Jun 17 j 20:47	0°♕	
minimum elong	-4866 Jul 24 j 06:19	22°♖35'39	1°45'22	asc. node	-4865 Jun 19 j 00:03	1°♕48'19	
	-4866 Jul 28 j 11:38	0°♗		morning set	-4865 Jun 27 j 19:34	17°♕54'17	
max. Earth dist.	-4866 Jul 31 j 16:42	5°♗28'19	1.41416 AU		-4865 Jul 04 j 01:43	0°♖	
evening rise	-4866 Aug 06 j 06:52	14°♗40'59					
desc. node	-4866 Aug 14 j 04:26	27°♗05'10		superior conj	-4865 Jul 06 j 17:07	5°♖00'20	1°49'24

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4865 Jul 06 j 16:57	4° Π 59'33	1°49'38			-4864 Jun 24 j 23:51	0° Π	
max. Earth dist.	-4865 Jul 13 j 19:42	17° Π 56'12	1.39506 AU	max. Earth dist.	-4864 Jun 24 j 21:31	29° B 49'15	1.37594 AU	
evening rise	-4865 Jul 17 j 23:47	25° Π 08'14		evening rise	-4864 Jun 28 j 18:27	6° Π 51'39		
	-4865 Jul 20 j 21:40	0° C			-4864 Jul 12 j 18:58	0° C		
desc. node	-4865 Aug 01 j 01:28	17° C 29'33		desc. node	-4864 Jul 17 j 22:34	7° C 37'42		
	-4865 Aug 09 j 19:46	0° Ω		evening max el	-4864 Aug 03 j 15:40	28° C 28'29	25°13'05	
evening max el	-4865 Aug 22 j 05:10	14° Ω 59'54	23°55'33		-4864 Aug 05 j 06:16	0° Ω		
retrograde	-4865 Sep 02 j 00:57	21° Ω 22'40		retrograde	-4864 Aug 15 j 12:25	5° Ω 22'20		
evening set	-4865 Sep 07 j 07:06	19° Ω 09'01		evening set	-4864 Aug 21 j 09:36	2° Ω 50'42		
min. Earth dist.	-4865 Sep 12 j 02:45	13° Ω 30'49	0.67311 AU		-4864 Aug 24 j 02:35	30° R C		
inferior conj	-4865 Sep 12 j 14:30	12° Ω 50'54	-0°47'59	min. Earth dist.	-4864 Aug 25 j 20:11	27° C 48'41	0.66917 AU	
minimum elong	-4865 Sep 12 j 15:36	12° Ω 47'08	0°47'19	inferior conj	-4864 Aug 26 j 18:57	26° C 34'01	-1°39'48	
asc. node	-4865 Sep 14 j 23:15	9° Ω 44'55		minimum elong	-4864 Aug 26 j 21:12	26° C 26'38	1°38'42	
morning rise	-4865 Sep 18 j 00:03	6° Ω 41'51		asc. node	-4864 Aug 31 j 20:23	20° C 55'40		
direct	-4865 Sep 21 j 22:56	5° Ω 13'12		morning rise	-4864 Sep 01 j 08:52	20° C 33'05		
morning max el	-4865 Sep 30 j 06:05	10° Ω 06'04	20°53'12	direct	-4864 Sep 04 j 20:46	19° C 22'17		
	-4865 Oct 15 j 08:36	0° P		morning max el	-4864 Sep 12 j 07:43	23° C 40'38	19°46'12	
desc. node	-4865 Oct 28 j 01:21	19° P 12'00			-4864 Sep 17 j 14:09	0° Ω		
morning set	-4865 Oct 29 j 13:52	21° P 33'54		morning set	-4864 Oct 07 j 13:31	29° Ω 53'00		
	-4865 Nov 03 j 22:15	0° C			-4864 Oct 07 j 15:19	0° P		
max. Earth dist.	-4865 Nov 07 j 12:13	5° C 45'49	1.42880 AU	desc. node	-4864 Oct 13 j 22:15	9° P 48'40		
				max. Earth dist.	-4864 Oct 20 j 00:45	19° P 26'46	1.44145 AU	
superior conj	-4865 Nov 14 j 04:26	16° C 47'58	-1°34'21					
minimum elong	-4865 Nov 13 j 22:51	16° C 24'28	1°33'57	superior conj	-4864 Oct 24 j 05:39	26° P 10'34	-1°02'03	
	-4865 Nov 21 j 20:31	0° M		minimum elong	-4864 Oct 23 j 23:13	25° P 44'36	1°01'16	
evening rise	-4865 Nov 26 j 01:23	7° M 25'59			-4864 Oct 26 j 14:21	0° C		
	-4865 Dec 09 j 13:40	0° P		evening rise	-4864 Nov 07 j 01:27	19° C 02'01		
asc. node	-4865 Dec 11 j 21:56	2° P 56'51			-4864 Nov 13 j 13:17	0° M		
evening max el	-4865 Dec 13 j 01:08	4° P 09'37	18°08'01	evening max el	-4864 Nov 25 j 13:55	17° M 28'47	18°19'51	
retrograde	-4865 Dec 19 j 16:41	7° P 38'22		asc. node	-4864 Nov 27 j 19:05	19° M 25'37		
evening set	-4865 Dec 22 j 09:37	7° P 03'25		retrograde	-4864 Dec 02 j 03:38	21° M 03'54		
inferior conj	-4865 Dec 28 j 22:31	1° P 55'51	3°59'30	evening set	-4864 Dec 05 j 00:19	20° M 20'13		
minimum elong	-4865 Dec 28 j 20:42	2° P 00'24	3°59'07	inferior conj	-4864 Dec 11 j 03:38	14° M 53'23	3°35'56	
	-4865 Dec 30 j 20:39	30° R M		minimum elong	-4864 Dec 11 j 00:37	15° M 01'47	3°35'12	
min. Earth dist.	-4865 Dec 31 j 18:59	29° M 05'22	0.62026 AU	min. Earth dist.	-4864 Dec 13 j 10:05	12° M 21'34	0.63748 AU	
morning rise	-4864 Jan 04 j 06:47	26° M 06'59		morning rise	-4864 Dec 17 j 00:19	8° M 53'44		
direct	-4864 Jan 11 j 08:06	23° M 34'32		direct	-4864 Dec 24 j 00:17	6° M 05'10		
	-4864 Jan 23 j 23:03	0° P		morning max el	-4863 Jan 06 j 15:15	13° M 47'37	27°32'15	
desc. node	-4864 Jan 24 j 01:19	0° P 05'12		desc. node	-4863 Jan 09 j 22:19	17° M 16'27		
morning max el	-4864 Jan 25 j 07:12	1° P 16'08	27°40'29		-4863 Jan 19 j 19:52	0° P		
	-4864 Feb 15 j 08:26	0° C			-4863 Feb 06 j 20:37	0° C		
morning set	-4864 Feb 27 j 09:57	22° C 31'14		morning set	-4863 Feb 10 j 07:46	6° C 43'20		
	-4864 Mar 02 j 00:13	0° \approx		max. Earth dist.	-4863 Feb 15 j 11:44	17° C 16'51	1.33472 AU	
max. Earth dist.	-4864 Mar 04 j 07:07	4° \approx 53'40	1.32852 AU					
superior conj	-4864 Mar 05 j 18:26	8° \approx 04'44	-0°31'49	superior conj	-4863 Feb 18 j 02:04	22° C 46'54	-0°55'43	
minimum elong	-4864 Mar 05 j 19:51	8° \approx 12'21	0°31'45	minimum elong	-4863 Feb 18 j 04:25	22° C 59'22	0°55'32	
asc. node	-4864 Mar 08 j 21:11	14° \approx 50'55			-4863 Feb 21 j 10:51	0° \approx		
evening rise	-4864 Mar 12 j 18:49	23° \approx 12'36		asc. node	-4863 Feb 23 j 18:12	4° \approx 55'57		
	-4864 Mar 16 j 01:59	0° H		evening rise	-4863 Feb 25 j 06:14	8° \approx 06'15		
	-4864 Apr 04 j 00:13	0° Y			-4863 Mar 08 j 21:45	0° H		
evening max el	-4864 Apr 06 j 23:22	3° Y 04'58	24°25'40	evening max el	-4863 Mar 19 j 16:01	13° H 48'58	22°51'48	
retrograde	-4864 Apr 20 j 21:01	10° Y 05'07		retrograde	-4863 Apr 01 j 21:06	20° H 17'38		
desc. node	-4864 Apr 21 j 00:02	10° Y 05'05		evening set	-4863 Apr 05 j 03:31	19° H 54'15		
evening set	-4864 Apr 25 j 09:11	9° Y 19'22		desc. node	-4863 Apr 07 j 21:13	19° H 01'33		
min. Earth dist.	-4864 May 01 j 11:21	6° Y 16'59	0.56801 AU	min. Earth dist.	-4863 Apr 13 j 02:04	16° H 23'21	0.55579 AU	
inferior conj	-4864 May 04 j 03:46	4° Y 34'15	-3°12'06	inferior conj	-4863 Apr 14 j 10:24	15° H 36'35	-1°45'07	
minimum elong	-4864 May 03 j 22:16	4° Y 43'04	3°10'51	minimum elong	-4863 Apr 14 j 05:58	15° H 43'01	1°43'48	
morning rise	-4864 May 12 j 14:32	0° Y 28'22		morning rise	-4863 Apr 23 j 10:37	11° H 38'45		
direct	-4864 May 15 j 01:11	0° Y 12'00		direct	-4863 Apr 25 j 22:31	11° H 24'01		
morning max el	-4864 May 24 j 11:14	4° Y 34'45	19°30'07	morning max el	-4863 May 07 j 00:34	16° H 34'53	20°41'05	
asc. node	-4864 Jun 04 j 21:02	20° Y 46'05			-4863 May 17 j 04:16	0° Y		
	-4864 Jun 09 j 17:01	0° B		asc. node	-4863 May 22 j 18:01	10° Y 11'46		
morning set	-4864 Jun 10 j 19:07	2° B 09'43		morning set	-4863 May 26 j 00:53	16° Y 47'03		
					-4863 Jun 01 j 10:34	0° B		
superior conj	-4864 Jun 18 j 22:48	18° B 27'07	1°44'07	superior conj	-4863 Jun 02 j 16:11	2° B 31'34	1°31'57	
minimum elong	-4864 Jun 18 j 20:55	18° B 17'54	1°44'12	minimum elong	-4863 Jun 02 j 13:33	2° B 18'05	1°31'47	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

max. Earth dist.	-4863 Jun 07 j 04:42	11°  34'25	1.35904 AU	asc. node	-4862 May 09 j 15:00	29°  58'11	
evening rise	-4863 Jun 11 j 10:18	19°  40'05			-4862 May 09 j 15:21	0° 	
	-4863 Jun 17 j 03:58	0° 		morning set	-4862 May 10 j 10:41	1°  39'58	
desc. node	-4863 Jul 04 j 19:41	27°  22'07					
	-4863 Jul 06 j 18:56	0° 		superior conj	-4862 May 17 j 17:44	17°  02'56	1°14'52
evening max el	-4863 Jul 17 j 02:24	11°  58'05	26°19'07	minimum elong	-4862 May 17 j 15:04	16°  48'53	1°14'31
retrograde	-4863 Jul 29 j 19:15	19°  12'03		max. Earth dist.	-4862 May 20 j 21:47	23°  38'03	1.34553 AU
evening set	-4863 Aug 05 j 06:21	16°  27'44			-4862 May 24 j 01:30	0° 	
min. Earth dist.	-4863 Aug 09 j 08:45	12°  03'53	0.66184 AU	evening rise	-4862 May 25 j 17:56	3°  18'22	
inferior conj	-4863 Aug 10 j 19:42	10°  15'39	-2°28'32		-4862 Jun 09 j 23:58	0° 	
minimum elong	-4863 Aug 10 j 22:51	10°  05'52	2°27'13	desc. node	-4862 Jun 21 j 16:47	16°  23'46	
morning rise	-4863 Aug 16 j 15:33	4°  25'52		evening max el	-4862 Jun 29 j 13:49	25°  22'13	27°05'28
asc. node	-4863 Aug 18 j 17:30	3°  35'59			-4862 Jul 05 j 04:40	0° 	
direct	-4863 Aug 19 j 18:46	3°  29'40		retrograde	-4862 Jul 12 j 20:47	2°  45'12	
morning max el	-4863 Aug 26 j 15:44	7°  21'48	18°53'46	evening set	-4862 Jul 19 j 18:48	29°  25'10	
	-4863 Sep 11 j 12:53	0° 			-4862 Jul 19 j 17:24	30°  11'11	0.65085 AU
morning set	-4863 Sep 17 j 05:34	9°  03'04		min. Earth dist.	-4862 Jul 23 j 14:09	26°  11'11	0.65085 AU
	-4863 Sep 30 j 11:25	0° 		inferior conj	-4862 Jul 25 j 14:34	23°  22'42	-3°11'55
desc. node	-4863 Sep 30 j 19:10	0°  30'30		minimum elong	-4862 Jul 25 j 18:10	23°  22'42	3°10'42
max. Earth dist.	-4863 Oct 02 j 17:18	3°  32'22	1.44751 AU	morning rise	-4862 Jul 31 j 17:57	18°  21'16	
				direct	-4862 Aug 03 j 14:50	17°  23'33	
superior conj	-4863 Oct 03 j 09:13	4°  35'06	-0°16'15	asc. node	-4862 Aug 05 j 14:35	17°  23'33	
minimum elong	-4863 Oct 03 j 07:07	4°  26'48	0°15'50	morning max el	-4862 Aug 10 j 04:14	21°  06'39	18°17'46
behind sun begin	-4863 Oct 03 j 04:15	4°  15'32			-4862 Aug 16 j 23:49	0° 	
behind sun end	-4863 Oct 03 j 09:58	4°  38'03		morning set	-4862 Aug 29 j 00:23	19°  31'13	
evening rise	-4863 Oct 19 j 01:54	29°  35'12			-4862 Sep 04 j 09:23	0° 	
	-4863 Oct 19 j 08:03	0° 					
	-4863 Nov 08 j 05:33	0° 		superior conj	-4862 Sep 12 j 10:34	12°  57'44	0°32'36
evening max el	-4863 Nov 09 j 01:34	0°  53'40	18°49'39	minimum elong	-4862 Sep 12 j 14:30	13°  13'22	0°32'17
asc. node	-4863 Nov 14 j 16:14	4°  36'18		max. Earth dist.	-4862 Sep 15 j 11:10	17°  04'45	1.44639 AU
retrograde	-4863 Nov 15 j 20:46	4°  44'12		desc. node	-4862 Sep 17 j 16:06	21°  04'38	
evening set	-4863 Nov 18 j 22:59	3°  49'42			-4862 Sep 23 j 06:00	0° 	
	-4863 Nov 23 j 04:40	30°  04'40		evening rise	-4862 Sep 29 j 01:16	9°  03'47	
inferior conj	-4863 Nov 24 j 18:48	28°  06'20	3°00'15	greatest brilliancy	-4862 Oct 10 j 15:49	27°  01'50	-0.7m
minimum elong	-4863 Nov 24 j 15:34	28°  16'12	2°59'16		-4862 Oct 12 j 15:02	0° 	
min. Earth dist.	-4863 Nov 26 j 10:53	26°  04'18	0.65146 AU	evening max el	-4862 Oct 23 j 09:40	14°  20'38	19°35'59
morning rise	-4863 Nov 30 j 07:45	21°  08'51		retrograde	-4862 Oct 30 j 17:05	18°  34'54	
direct	-4863 Dec 06 j 23:06	19°  08'55		asc. node	-4862 Nov 01 j 13:22	18°  15'08	
morning max el	-4863 Dec 20 j 00:52	26°  04'31	26°51'55	evening set	-4862 Nov 03 j 02:58	17°  27'00	
	-4863 Dec 23 j 03:11	0° 		inferior conj	-4862 Nov 08 j 17:05	11°  30'01	2°16'34
desc. node	-4863 Dec 27 j 19:17	5°  35'12		minimum elong	-4862 Nov 08 j 14:17	11°  39'07	2°15'34
	-4862 Jan 13 j 09:56	0° 		min. Earth dist.	-4862 Nov 09 j 19:56	10°  02'53	0.66191 AU
morning set	-4862 Jan 24 j 19:12	20°  19'13		morning rise	-4862 Nov 14 j 01:23	5°  17'16	
max. Earth dist.	-4862 Jan 29 j 06:06	29°  04'26	1.34519 AU	direct	-4862 Nov 20 j 03:40	2°  37'43	
	-4862 Jan 29 j 17:06	0° 		morning max el	-4862 Dec 02 j 10:05	9°  51'41	25°47'02
				desc. node	-4862 Dec 14 j 16:15	24°  41'35	
superior conj	-4862 Feb 02 j 04:42	7°  09'12	-1°17'36		-4862 Dec 18 j 10:36	0° 	
minimum elong	-4862 Feb 02 j 07:37	7°  24'25	1°17'26		-4861 Jan 05 j 22:59	0° 	
evening rise	-4862 Feb 09 j 15:55	22°  34'58		morning set	-4861 Jan 07 j 15:50	3°  05'30	
asc. node	-4862 Feb 10 j 15:14	24°  34'18		max. Earth dist.	-4861 Jan 11 j 12:53	10°  21'16	1.36016 AU
	-4862 Feb 13 j 04:51	0° 					
evening max el	-4862 Mar 01 j 14:32	24°  47'32	21°21'47	superior conj	-4861 Jan 16 j 23:43	21°  03'41	-1°35'56
	-4862 Mar 10 j 01:13	0° 		minimum elong	-4861 Jan 17 j 02:37	21°  08'17	1°35'54
retrograde	-4862 Mar 13 j 11:38	0°  28'13			-4861 Jan 21 j 09:05	0° 	
evening set	-4862 Mar 16 j 00:25	0°  13'35		evening rise	-4861 Jan 24 j 21:59	7°  14'49	
	-4862 Mar 17 j 00:39	30°  00'00		asc. node	-4861 Jan 28 j 12:16	14°  25'40	
inferior conj	-4862 Mar 25 j 06:30	26°  13'48	0°08'09		-4861 Feb 06 j 14:55	0° 	
minimum elong	-4862 Mar 25 j 06:53	26°  13'16	0°07'52	evening max el	-4861 Feb 11 j 22:42	6°  17'09	20°05'03
transit middle	-4862 Mar 25 j 06:53	26°  13'16	0°07'52	retrograde	-4861 Feb 22 j 03:28	11°  06'49	
transit begin	-4862 Mar 25 j 03:19	26°  18'18		evening set	-4861 Feb 24 j 11:54	10°  52'34	
transit end	-4862 Mar 25 j 10:26	26°  08'14		inferior conj	-4861 Mar 05 j 05:42	6°  52'39	1°57'27
min. Earth dist.	-4862 Mar 25 j 16:26	25°  59'45	0.55202 AU	minimum elong	-4861 Mar 05 j 10:15	6°  45'45	1°55'52
desc. node	-4862 Mar 25 j 18:21	25° 57'03		min. Earth dist.	-4861 Mar 07 j 06:32	5° 38'55	0.55757 AU
morning rise	-4862 Apr 03 j 13:11	22° 07'45		desc. node	-4861 Mar 12 j 15:30	2° 55'22	
direct	-4862 Apr 06 j 11:11	21° 49'02		morning rise	-4861 Mar 14 j 06:34	2° 23'02	
morning max el	-4862 Apr 19 j 02:57	27° 53'24	22°09'08	direct	-4861 Mar 18 j 03:31	1° 50'01	
	-4862 Apr 21 j 04:59	0°		morning max el	-4861 Mar 31 j 20:43	8° 38'46	23°47'14

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4861 Apr 16 j 09:07	0° H			-4860 Apr 07 j 14:42	0° H	
morning set	-4861 Apr 24 j 22:34	16° H 41'15		morning set	-4860 Apr 08 j 10:49	1° H 44'57	
asc. node	-4861 Apr 26 j 11:57	19° H 58'35		asc. node	-4860 Apr 12 j 08:54	10° H 08'10	
	-4861 May 01 j 03:54	0° Y					
superior conj	-4861 May 02 j 00:41	1° Y 51'42	0°54'20	superior conj	-4860 Apr 15 j 10:54	16° H 50'49	0°31'29
minimum elong	-4861 May 01 j 22:30	1° Y 40'00	0°53'55	minimum elong	-4860 Apr 15 j 09:33	16° H 43'29	0°31'08
max. Earth dist.	-4861 May 04 j 00:34	6° Y 07'37	1.33566 AU	max. Earth dist.	-4860 Apr 16 j 10:23	18° H 58'27	1.32932 AU
evening rise	-4861 May 09 j 12:45	17° Y 31'31		evening rise	-4860 Apr 21 j 14:28	0° Y	
	-4861 May 16 j 01:03	0° B			-4860 Apr 22 j 15:21	2° Y 08'33	
	-4861 Jun 04 j 10:28	0° II		evening max el	-4860 May 07 j 22:57	0° B	
desc. node	-4861 Jun 08 j 13:55	4° II 54'32		desc. node	-4860 May 24 j 07:27	21° B 02'33	27°13'12
evening max el	-4861 Jun 12 j 00:20	8° II 28'03	27°25'07	retrograde	-4860 May 25 j 11:04	22° B 06'44	
retrograde	-4861 Jun 25 j 16:24	15° II 52'51		evening set	-4860 Jun 07 j 05:31	28° B 26'11	
evening set	-4861 Jul 02 j 19:43	13° II 13'07		min. Earth dist.	-4860 Jun 14 j 05:18	26° B 08'41	
min. Earth dist.	-4861 Jul 06 j 10:23	10° II 00'41	0.63604 AU	inferior conj	-4860 Jun 17 j 20:42	23° B 19'17	0.61782 AU
inferior conj	-4861 Jul 09 j 00:57	7° II 19'05	-3°46'56	minimum elong	-4860 Jun 20 j 23:43	20° B 27'46	-4°09'03
minimum elong	-4861 Jul 09 j 04:12	7° II 10'40	3°46'08	morning rise	-4860 Jun 21 j 01:28	20° B 23'46	4°08'44
morning rise	-4861 Jul 15 j 13:29	2° II 01'14		direct	-4860 Jun 27 j 23:06	15° B 30'15	
direct	-4861 Jul 18 j 06:07	1° II 25'25		morning max el	-4860 Jun 30 j 13:06	15° B 01'28	
asc. node	-4861 Jul 23 j 11:38	3° II 39'04		asc. node	-4860 Jul 07 j 08:53	18° B 26'21	17°59'23
morning max el	-4861 Jul 24 j 18:50	4° II 50'06	17°59'20		-4860 Jul 09 j 08:40	20° B 36'34	
	-4861 Aug 10 j 04:06	0° D		morning set	-4860 Jul 15 j 17:53	0° II	
morning set	-4861 Aug 10 j 20:39	1° D 11'50			-4860 Jul 23 j 13:14	13° II 50'59	
					-4860 Aug 01 j 13:20	0° D	
superior conj	-4861 Aug 23 j 06:52	22° D 17'49	1°12'18	superior conj	-4860 Aug 03 j 06:49	3° D 00'35	1°37'20
minimum elong	-4861 Aug 23 j 12:49	22° D 42'21	1°11'54	minimum elong	-4860 Aug 03 j 10:56	3° D 18'24	1°37'18
	-4861 Aug 28 j 00:15	0° O		max. Earth dist.	-4860 Aug 10 j 14:19	15° D 21'32	1.42416 AU
max. Earth dist.	-4861 Aug 29 j 03:13	1° O 48'26	1.43823 AU	evening rise	-4860 Aug 17 j 13:24	26° D 34'54	
desc. node	-4861 Sep 04 j 13:02	11° O 57'38			-4860 Aug 19 j 17:41	0° O	
evening rise	-4861 Sep 08 j 06:57	17° O 47'24		desc. node	-4860 Aug 21 j 09:59	2° O 36'28	
	-4861 Sep 16 j 06:37	0° np			-4860 Sep 09 j 03:34	0° np	
evening max el	-4861 Oct 06 j 12:18	27° np 46'52	20°36'56	evening max el	-4860 Sep 18 j 08:31	11° np 11'21	21°49'25
	-4861 Oct 08 j 21:41	0° u		retrograde	-4860 Sep 27 j 10:17	16° np 34'41	
retrograde	-4861 Oct 14 j 14:12	2° u 32'41		evening set	-4860 Oct 01 j 17:59	14° np 52'16	
evening set	-4861 Oct 18 j 09:57	1° u 08'40		asc. node	-4860 Oct 05 j 07:41	11° np 00'29	
asc. node	-4861 Oct 19 j 10:31	0° u 17'42		inferior conj	-4860 Oct 07 j 01:46	8° np 37'56	0°35'45
	-4861 Oct 19 j 17:59	30° R np		minimum elong	-4860 Oct 07 j 00:57	8° np 40'46	0°35'31
inferior conj	-4861 Oct 23 j 20:06	25° np 01'19	1°27'43	min. Earth dist.	-4860 Oct 07 j 06:11	8° np 22'40	0.67285 AU
minimum elong	-4861 Oct 23 j 18:10	25° np 07'52	1°26'58	morning rise	-4860 Oct 12 j 07:46	2° np 22'23	
min. Earth dist.	-4861 Oct 24 j 11:09	24° np 10'20	0.66892 AU	direct	-4860 Oct 17 j 03:48	0° np 21'23	
morning rise	-4861 Oct 29 j 02:12	18° np 45'48		morning max el	-4860 Oct 27 j 05:04	6° np 21'42	23°00'39
direct	-4861 Nov 03 j 13:23	16° np 23'57			-4860 Nov 14 j 10:29	0° u	
morning max el	-4861 Nov 14 j 18:52	23° np 05'26	24°26'49	desc. node	-4860 Nov 17 j 10:03	4° u 25'02	
	-4861 Nov 20 j 21:37	0° u		morning set	-4860 Nov 30 j 13:47	25° u 07'39	
desc. node	-4861 Dec 01 j 13:11	14° u 21'40			-4860 Dec 03 j 11:39	0° ml	
	-4861 Dec 11 j 19:37	0° ml		max. Earth dist.	-4860 Dec 05 j 07:36	3° ml 07'27	1.39938 AU
morning set	-4861 Dec 20 j 16:03	14° ml 46'50					
max. Earth dist.	-4861 Dec 24 j 11:14	21° ml 31'47	1.37885 AU	superior conj	-4860 Dec 13 j 00:12	16° ml 47'09	-1°53'01
	-4861 Dec 29 j 01:06	0° x		minimum elong	-4860 Dec 12 j 23:52	16° ml 45'39	1°53'11
					-4860 Dec 20 j 01:17	0° x	
superior conj	-4861 Dec 31 j 07:45	4° x 20'47	-1°48'40	evening rise	-4860 Dec 22 j 13:51	4° x 49'19	
minimum elong	-4861 Dec 31 j 09:41	4° x 30'04	1°48'48	asc. node	-4859 Jan 01 j 06:24	22° x 20'23	
evening rise	-4860 Jan 08 j 22:14	21° x 17'40			-4859 Jan 06 j 21:45	0° z	
	-4860 Jan 13 j 09:49	0° z		evening max el	-4859 Jan 07 j 20:18	0° z 57'42	18°28'13
asc. node	-4860 Jan 15 j 09:19	3° z 38'57		retrograde	-4859 Jan 15 j 09:14	4° z 39'43	
evening max el	-4860 Jan 25 j 17:12	18° z 22'26	19°06'38	evening set	-4859 Jan 17 j 21:48	4° z 16'09	
retrograde	-4860 Feb 03 j 09:12	22° z 30'59			-4859 Jan 24 j 22:13	30° R x	
evening set	-4860 Feb 05 j 19:10	22° z 13'05		inferior conj	-4859 Jan 25 j 06:52	29° x 42'38	3°56'32
inferior conj	-4860 Feb 13 j 20:13	17° z 59'23	3°15'58	minimum elong	-4859 Jan 25 j 09:03	29° x 38'13	3°56'05
minimum elong	-4860 Feb 14 j 00:58	17° z 51'08	3°14'45	min. Earth dist.	-4859 Jan 28 j 15:43	27° x 00'56	0.58930 AU
min. Earth dist.	-4860 Feb 16 j 21:31	15° z 53'17	0.57097 AU	morning rise	-4859 Feb 01 j 18:11	24° x 18'46	
morning rise	-4860 Feb 22 j 04:14	13° z 00'12		direct	-4859 Feb 07 j 23:50	22° x 38'27	
direct	-4860 Feb 27 j 07:15	11° z 58'42		desc. node	-4859 Feb 13 j 09:43	23° x 50'39	
desc. node	-4860 Feb 27 j 12:37	11° z 58'49		morning max el	-4859 Feb 22 j 05:39	0° z 10'48	26°40'48
morning max el	-4860 Mar 12 j 11:41	19° z 15'45	25°22'48		-4859 Feb 22 j 01:10	0° z	
	-4860 Mar 21 j 12:41	0° z			-4859 Mar 15 j 08:18	0° z	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning set	-4859 Mar 23 j 21:40	16° \approx 43'42		desc. node	-4858 Jan 31 j 06:47	8° \approx 14'13	
asc. node	-4859 Mar 30 j 05:52	0° X 21'46		morning max el	-4858 Feb 04 j 05:31	11° \approx 41'34	27°28'51
	-4859 Mar 30 j 01:53	0° X			-4858 Feb 18 j 16:17	0° \approx	
					-4858 Mar 07 j 11:36	0° \approx	
superior conj	-4859 Mar 30 j 22:34	1° X 53'06	0°07'14	morning set	-4858 Mar 08 j 05:17	1° \approx 30'39	
minimum elong	-4859 Mar 30 j 22:15	1° X 51'23	0°07'02	max. Earth dist.	-4858 Mar 14 j 12:20	14° \approx 54'22	1.32667 AU
behind sun begin	-4859 Mar 30 j 17:45	1° X 26'46					
behind sun end	-4859 Mar 31 j 02:45	2° X 16'00		superior conj	-4858 Mar 15 j 10:01	16° \approx 52'28	-0°17'36
max. Earth dist.	-4859 Mar 30 j 23:31	1° X 58'18	1.32631 AU	minimum elong	-4858 Mar 15 j 10:48	16° \approx 56'46	0°17'37
evening rise	-4859 Apr 06 j 22:59	16° X 59'36		asc. node	-4858 Mar 17 j 02:51	20° \approx 35'22	
	-4859 Apr 13 j 12:12	0° Y			-4858 Mar 21 j 11:22	0° X	
	-4859 May 03 j 12:11	0° B		evening rise	-4858 Mar 22 j 09:32	1° X 57'07	
evening max el	-4859 May 06 j 09:00	2° B 56'46	26°28'46		-4858 Apr 06 j 18:21	0° Y	
desc. node	-4859 May 12 j 08:14	7° B 40'32		evening max el	-4858 Apr 18 j 04:41	14° Y 11'26	25°16'15
retrograde	-4859 May 20 j 11:01	10° B 16'55		desc. node	-4858 Apr 29 j 05:26	21° Y 00'01	
evening set	-4859 May 26 j 19:35	8° B 33'57		retrograde	-4858 May 02 j 06:27	21° Y 21'48	
min. Earth dist.	-4859 May 30 j 22:08	5° B 51'35	0.59753 AU	evening set	-4858 May 07 j 12:30	20° Y 17'25	
inferior conj	-4859 Jun 03 j 07:17	3° B 09'54	-4°11'23	min. Earth dist.	-4858 May 12 j 17:11	17° Y 25'50	0.57780 AU
minimum elong	-4859 Jun 03 j 06:14	3° B 12'00	4°11'13	inferior conj	-4858 May 15 j 20:14	15° Y 16'21	-3°44'31
	-4859 Jun 07 j 16:03	30° R Y		minimum elong	-4858 May 15 j 15:55	15° Y 23'51	3°43'46
morning rise	-4859 Jun 10 j 19:14	28° Y 33'55		morning rise	-4858 May 23 j 22:21	11° Y 00'30	
direct	-4859 Jun 13 j 07:32	28° Y 10'54		direct	-4858 May 26 j 09:25	10° Y 42'05	
	-4859 Jun 18 j 15:04	0° B		morning max el	-4858 Jun 03 j 23:53	14° Y 44'10	18°58'11
morning max el	-4859 Jun 20 j 19:33	1° B 47'34	18°18'47	asc. node	-4858 Jun 13 j 02:42	27° Y 08'38	
asc. node	-4859 Jun 26 j 05:42	8° B 30'52			-4858 Jun 14 j 17:40	0° B	
morning set	-4859 Jul 06 j 21:01	27° B 15'49		morning set	-4858 Jun 20 j 15:48	11° B 15'21	
	-4859 Jul 08 j 07:37	0° II					
				superior conj	-4858 Jun 29 j 04:58	27° B 58'41	1°48'09
superior conj	-4859 Jul 16 j 08:06	14° II 59'44	1°48'20	minimum elong	-4858 Jun 29 j 03:57	27° B 53'49	1°48'20
minimum elong	-4859 Jul 16 j 09:21	15° II 05'26	1°48'33		-4858 Jun 30 j 06:26	0° II	
max. Earth dist.	-4859 Jul 23 j 19:16	28° II 11'51	1.40616 AU	max. Earth dist.	-4858 Jul 05 j 20:46	10° II 21'18	1.38678 AU
	-4859 Jul 24 j 20:38	0° B		evening rise	-4858 Jul 09 j 19:31	17° II 19'15	
evening rise	-4859 Jul 28 j 15:15	6° B 18'30			-4858 Jul 17 j 10:15	0° B	
desc. node	-4859 Aug 08 j 07:00	23° B 07'36		desc. node	-4858 Jul 26 j 04:04	13° B 25'47	
	-4859 Aug 12 j 21:52	0° B			-4858 Aug 07 j 07:17	0° B	
evening max el	-4859 Aug 31 j 23:11	24° B 36'20	23°08'59	evening max el	-4858 Aug 14 j 10:36	8° B 03'56	24°29'29
	-4859 Sep 08 j 03:57	0° B		retrograde	-4858 Aug 25 j 17:39	14° B 41'03	
retrograde	-4859 Sep 11 j 03:48	0° B 38'47		evening set	-4858 Aug 31 j 06:05	12° B 19'39	
	-4859 Sep 13 j 22:51	30° R B		min. Earth dist.	-4858 Sep 04 j 21:52	6° B 56'16	0.67183 AU
evening set	-4859 Sep 16 j 01:18	28° B 36'41		inferior conj	-4858 Sep 05 j 14:05	6° B 01'46	-1°10'14
inferior conj	-4859 Sep 21 j 08:21	22° B 18'53	-0°17'26	minimum elong	-4858 Sep 05 j 15:42	5° B 56'22	1°09'21
minimum elong	-4859 Sep 21 j 08:45	22° B 17'31	0°17'05	asc. node	-4858 Sep 09 j 01:58	1° B 41'32	
min. Earth dist.	-4859 Sep 21 j 02:37	22° B 38'39	0.67384 AU		-4858 Sep 10 j 22:50	30° R B	
asc. node	-4859 Sep 22 j 04:49	21° B 08'46		morning rise	-4858 Sep 11 j 01:17	29° B 55'32	
morning rise	-4859 Sep 26 j 16:06	16° B 06'19		direct	-4858 Sep 14 j 19:16	28° B 34'40	
direct	-4859 Sep 30 j 22:10	14° B 26'17			-4858 Sep 18 j 22:40	0° B	
morning max el	-4859 Oct 09 j 19:42	19° B 43'02	21°37'13	morning max el	-4858 Sep 22 j 17:02	3° B 11'59	20°22'57
	-4859 Oct 18 j 07:18	0° B			-4858 Oct 12 j 05:18	0° B	
desc. node	-4859 Nov 04 j 06:58	24° B 45'19		morning set	-4858 Oct 20 j 07:11	12° B 23'16	
	-4859 Nov 07 j 16:14	0° B		desc. node	-4858 Oct 22 j 03:52	15° B 17'00	
morning set	-4859 Nov 10 j 07:23	4° B 08'19		max. Earth dist.	-4858 Oct 30 j 17:19	28° B 49'24	1.43496 AU
max. Earth dist.	-4859 Nov 17 j 08:37	15° B 32'20	1.41903 AU		-4858 Oct 31 j 10:52	0° B	
superior conj	-4859 Nov 24 j 19:39	28° B 09'56	-1°45'28	superior conj	-4858 Nov 05 j 12:47	8° B 16'53	-1°22'38
minimum elong	-4859 Nov 24 j 15:57	27° B 53'52	1°45'22	minimum elong	-4858 Nov 05 j 06:18	7° B 50'07	1°22'02
	-4859 Nov 25 j 20:55	0° B		evening rise	-4858 Nov 18 j 04:54	29° B 49'05	
evening rise	-4859 Dec 05 j 17:29	17° B 42'41			-4858 Nov 18 j 07:24	0° B	
	-4859 Dec 12 j 13:10	0° B		evening max el	-4858 Dec 05 j 17:43	27° B 09'03	18°10'50
asc. node	-4859 Dec 19 j 03:31	10° B 20'14		asc. node	-4858 Dec 06 j 00:38	27° B 26'10	
evening max el	-4859 Dec 22 j 05:26	13° B 55'48	18°09'49		-4858 Dec 09 j 12:59	0° B	
retrograde	-4859 Dec 29 j 01:54	17° B 25'32		retrograde	-4858 Dec 12 j 07:21	0° B 38'52	
evening set	-4859 Dec 31 j 17:11	16° B 55'02		evening set	-4858 Dec 15 j 01:49	0° B 00'18	
inferior conj	-4858 Jan 07 j 12:42	12° B 00'00	4°05'15		-4858 Dec 15 j 02:05	30° R B	
minimum elong	-4858 Jan 07 j 12:05	12° B 01'26	4°05'00	inferior conj	-4858 Dec 21 j 10:22	24° B 44'24	3°51'16
min. Earth dist.	-4858 Jan 10 j 16:05	9° B 06'02	0.60925 AU	minimum elong	-4858 Dec 21 j 07:54	24° B 50'52	3°50'45
morning rise	-4858 Jan 14 j 05:37	6° B 18'52		min. Earth dist.	-4858 Dec 24 j 01:09	22° B 00'05	0.62799 AU
direct	-4858 Jan 21 j 03:21	4° B 01'52		morning rise	-4858 Dec 27 j 13:13	18° B 50'52	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

direct	-4857 Jan 03 j 15:16	16° \mathbb{M} 09'31				-4857 Dec 13 j 03:31	30° \mathbb{R} $\underline{\mathbf{A}}$	
morning max el	-4857 Jan 17 j 11:02	23° \mathbb{M} 51'47	27°41'16	direct		-4857 Dec 17 j 10:06	28° $\underline{\mathbf{A}}$ 55'06	
desc. node	-4857 Jan 18 j 03:50	24° \mathbb{M} 33'44				-4857 Dec 22 j 00:37	0° \mathbb{M}	
	-4857 Jan 23 j 00:55	0° \mathbb{A}		morning max el		-4857 Dec 30 j 20:00	6° \mathbb{M} 34'33	27°18'43
	-4857 Feb 11 j 22:11	0° \mathbb{B}		desc. node		-4856 Jan 05 j 00:50	12° \mathbb{M} 16'17	
morning set	-4857 Feb 20 j 07:26	15° \mathbb{B} 57'58				-4856 Jan 17 j 22:08	0° \mathbb{A}	
max. Earth dist.	-4857 Feb 25 j 21:04	27° \mathbb{B} 33'17	1.33062 AU	morning set		-4856 Feb 04 j 01:14	29° \mathbb{A} 55'30	
	-4857 Feb 27 j 00:28	0° \approx				-4856 Feb 04 j 02:09	0° \mathbb{B}	
				max. Earth dist.		-4856 Feb 08 j 21:51	9° \mathbb{B} 42'28	1.33863 AU
superior conj	-4857 Feb 27 j 19:34	1° \approx 42'52	-0°42'07					
minimum elong	-4857 Feb 27 j 21:24	1° \approx 52'43	0°41'59	superior conj		-4856 Feb 12 j 01:18	16° \mathbb{B} 16'59	-1°05'19
asc. node	-4857 Mar 03 j 23:50	10° \approx 44'53		minimum elong		-4856 Feb 12 j 03:56	16° \mathbb{B} 30'57	1°05'08
evening rise	-4857 Mar 06 j 21:08	16° \approx 54'19		asc. node		-4856 Feb 18 j 20:50	0° \approx 45'19	
	-4857 Mar 13 j 10:21	0° \mathbb{H}				-4856 Feb 18 j 12:13	0° \approx	
evening max el	-4857 Mar 30 j 21:02	25° \mathbb{H} 00'23	23°46'13	evening rise		-4856 Feb 19 j 08:02	1° \approx 43'56	
	-4857 Apr 06 j 14:40	0° \mathbb{Y}				-4856 Mar 06 j 12:06	0° \mathbb{H}	
retrograde	-4857 Apr 13 j 13:19	1° \mathbb{Y} 48'40		evening max el		-4856 Mar 11 j 15:23	5° \mathbb{H} 46'49	22°12'22
desc. node	-4857 Apr 16 j 02:36	1° \mathbb{Y} 34'07		retrograde		-4856 Mar 24 j 08:11	11° \mathbb{H} 56'34	
evening set	-4857 Apr 17 j 11:59	1° \mathbb{Y} 14'23		evening set		-4856 Mar 27 j 05:36	11° \mathbb{H} 38'04	
	-4857 Apr 20 j 17:35	30° \mathbb{R} \mathbb{H}		desc. node		-4856 Apr 01 j 23:47	9° \mathbb{H} 27'48	
min. Earth dist.	-4857 Apr 24 j 08:41	28° \mathbb{H} 01'30	0.56192 AU	min. Earth dist.		-4856 Apr 04 j 22:46	7° \mathbb{H} 51'13	0.55305 AU
inferior conj	-4857 Apr 26 j 13:13	26° \mathbb{H} 41'47	-2°39'48	inferior conj		-4856 Apr 05 j 13:50	7° \mathbb{H} 29'55	-0°58'46
minimum elong	-4857 Apr 26 j 07:36	26° \mathbb{H} 50'21	2°38'20	minimum elong		-4856 Apr 05 j 11:10	7° \mathbb{H} 33'42	0°57'59
morning rise	-4857 May 05 j 06:03	22° \mathbb{H} 40'40		morning rise		-4856 Apr 14 j 18:06	3° \mathbb{H} 31'15	
direct	-4857 May 07 j 16:50	22° \mathbb{H} 25'17		direct		-4856 Apr 17 j 08:58	3° \mathbb{H} 15'42	
morning max el	-4857 May 17 j 19:11	27° \mathbb{H} 07'09	19°57'53	morning max el		-4856 Apr 29 j 03:43	8° \mathbb{H} 48'46	21°16'49
	-4857 May 20 j 12:53	0° \mathbb{Y}				-4856 May 13 j 19:48	0° \mathbb{Y}	
asc. node	-4857 May 30 j 23:41	16° \mathbb{Y} 19'45		asc. node		-4856 May 16 j 20:39	5° \mathbb{Y} 54'52	
morning set	-4857 Jun 04 j 18:21	25° \mathbb{Y} 41'41		morning set		-4856 May 19 j 02:06	10° \mathbb{Y} 26'29	
	-4857 Jun 06 j 21:17	0° \mathbb{B}						
superior conj	-4857 Jun 12 j 16:09	11° \mathbb{B} 43'16	1°39'40	superior conj		-4856 May 26 j 13:24	26° \mathbb{Y} 00'13	1°25'12
minimum elong	-4857 Jun 12 j 13:51	11° \mathbb{B} 31'45	1°39'39	minimum elong		-4856 May 26 j 10:40	25° \mathbb{Y} 46'05	1°24'58
max. Earth dist.	-4857 Jun 18 j 00:37	22° \mathbb{B} 09'49	1.36847 AU	max. Earth dist.		-4856 May 28 j 12:07	0° \mathbb{B}	
evening rise	-4857 Jun 21 j 23:56	29° \mathbb{B} 32'48		evening rise		-4856 May 30 j 11:57	4° \mathbb{B} 01'25	1.35286 AU
	-4857 Jun 22 j 05:56	0° \mathbb{II}				-4856 Jun 03 j 23:05	12° \mathbb{B} 43'47	
	-4857 Jul 10 j 15:50	0° \mathbb{E}		desc. node		-4856 Jun 13 j 15:13	0° \mathbb{II}	
desc. node	-4857 Jul 13 j 01:08	3° \mathbb{E} 24'56				-4856 Jun 28 j 22:14	22° \mathbb{II} 56'19	
evening max el	-4857 Jul 27 j 21:15	21° \mathbb{E} 34'20	25°43'01	evening max el		-4856 Jul 04 j 14:56	0° \mathbb{E}	
retrograde	-4857 Aug 09 j 02:59	28° \mathbb{E} 37'11		retrograde		-4856 Jul 09 j 08:17	5° \mathbb{E} 02'27	26°41'33
evening set	-4857 Aug 15 j 06:23	25° \mathbb{E} 59'30		evening set		-4856 Jul 22 j 07:31	12° \mathbb{E} 21'00	
min. Earth dist.	-4857 Aug 19 j 13:30	21° \mathbb{E} 13'33	0.66660 AU	min. Earth dist.		-4856 Jul 28 j 23:57	9° \mathbb{E} 33'35	
inferior conj	-4857 Aug 20 j 17:13	19° \mathbb{E} 44'40	-2°00'58	inferior conj		-4856 Aug 01 j 23:06	5° \mathbb{E} 26'22	0.65772 AU
minimum elong	-4857 Aug 20 j 19:53	19° \mathbb{E} 36'05	1°59'43	minimum elong		-4856 Aug 03 j 15:43	3° \mathbb{E} 24'34	-2°47'43
morning rise	-4857 Aug 26 j 09:28	13° \mathbb{E} 48'01				-4856 Aug 03 j 19:08	3° \mathbb{E} 14'19	2°46'25
asc. node	-4857 Aug 26 j 23:05	13° \mathbb{E} 27'58				-4856 Aug 06 j 16:27	30° \mathbb{R} \mathbb{II}	
direct	-4857 Aug 29 j 17:29	12° \mathbb{E} 43'39		morning rise		-4856 Aug 09 j 14:37	27° \mathbb{II} 40'47	
morning max el	-4857 Sep 05 j 21:29	16° \mathbb{E} 49'21	19°21'54	direct		-4856 Aug 12 j 14:55	26° \mathbb{II} 49'49	
	-4857 Sep 15 j 21:31	0° \mathbb{Q}		asc. node		-4856 Aug 12 j 20:11	26° \mathbb{II} 50'05	
morning set	-4857 Sep 29 j 11:37	20° \mathbb{Q} 58'15				-4856 Aug 18 j 18:25	0° \mathbb{E}	
	-4857 Oct 05 j 06:02	0° \mathbb{P}		morning max el		-4856 Aug 19 j 07:45	0° \mathbb{E} 32'52	18°36'22
desc. node	-4857 Oct 09 j 00:46	5° \mathbb{P} 56'06				-4856 Sep 08 j 04:31	0° \mathbb{Q}	
max. Earth dist.	-4857 Oct 13 j 08:22	12° \mathbb{P} 44'40	1.44500 AU	morning set		-4856 Sep 08 j 14:41	0° \mathbb{Q} 41'05	
superior conj	-4857 Oct 16 j 03:10	17° \mathbb{P} 09'43	-0°43'47	superior conj		-4856 Sep 24 j 02:51	25° \mathbb{Q} 25'02	0°04'58
minimum elong	-4857 Oct 15 j 21:57	16° \mathbb{P} 48'58	0°43'03	minimum elong		-4856 Sep 24 j 03:31	25° \mathbb{Q} 27'38	0°05'02
	-4857 Oct 24 j 02:45	0° $\underline{\mathbf{A}}$		behind sun begin		-4856 Sep 23 j 16:36	24° \mathbb{Q} 44'35	
evening rise	-4857 Oct 30 j 19:21	10° $\underline{\mathbf{A}}$ 59'10		behind sun end		-4856 Sep 24 j 14:26	26° \mathbb{Q} 10'41	
	-4857 Nov 11 j 10:25	0° \mathbb{M}		desc. node		-4856 Sep 24 j 21:41	26° \mathbb{Q} 39'16	
evening max el	-4857 Nov 19 j 06:19	10° \mathbb{M} 30'57	18°30'23	max. Earth dist.		-4856 Sep 25 j 02:17	26° \mathbb{Q} 57'26	1.44794 AU
asc. node	-4857 Nov 22 j 21:46	13° \mathbb{M} 23'31				-4856 Sep 27 j 00:37	0° \mathbb{P}	
retrograde	-4857 Nov 25 j 21:21	14° \mathbb{M} 11'22		evening rise		-4856 Oct 10 j 09:02	21° \mathbb{P} 04'54	
evening set	-4857 Nov 28 j 20:16	13° \mathbb{M} 23'11				-4856 Oct 15 j 23:56	0° $\underline{\mathbf{A}}$	
inferior conj	-4857 Dec 04 j 20:07	7° \mathbb{M} 48'43	3°21'59	greatest brilliancy		-4856 Oct 18 j 11:31	3° $\underline{\mathbf{A}}$ 55'17	-0.8m
minimum elong	-4857 Dec 04 j 16:54	7° \mathbb{M} 58'03	3°21'06	evening max el		-4856 Nov 01 j 16:40	23° $\underline{\mathbf{A}}$ 57'00	19°07'23
min. Earth dist.	-4857 Dec 06 j 20:16	5° \mathbb{M} 28'59	0.64389 AU	retrograde		-4856 Nov 08 j 16:20	27° $\underline{\mathbf{A}}$ 56'57	
morning rise	-4857 Dec 10 j 13:06	1° \mathbb{M} 45'36		asc. node		-4856 Nov 08 j 18:55	27° $\underline{\mathbf{A}}$ 56'53	
				evening set		-4856 Nov 11 j 21:31	26° $\underline{\mathbf{A}}$ 57'03	

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

inferior conj	-4856 Nov 17 j 14:40	21° Ω 07'12	2°42'32	minimum elong	-4855 Nov 01 j 12:47	4° Ω 42'44	1°55'25
minimum elong	-4856 Nov 17 j 11:33	21° Ω 17'00	2°41'29	min. Earth dist.	-4855 Nov 02 j 12:57	3° Ω 22'34	0.66526 AU
min. Earth dist.	-4856 Nov 19 j 00:51	19° Ω 19'50	0.65630 AU		-4855 Nov 05 j 06:28	30° \mathbb{R} \mathbb{M}	
morning rise	-4856 Nov 23 j 01:17	14° Ω 57'00		morning rise	-4855 Nov 06 j 22:19	28° \mathbb{M} 19'59	
direct	-4856 Nov 29 j 11:18	12° Ω 10'35		direct	-4855 Nov 12 j 18:13	25° \mathbb{M} 47'13	
morning max el	-4856 Dec 12 j 05:53	19° Ω 38'08	26°26'52		-4855 Nov 21 j 13:46	0° Ω	
	-4856 Dec 21 j 04:11	0° \mathbb{M}		morning max el	-4855 Nov 24 j 14:53	2° Ω 49'37	25°14'07
desc. node	-4856 Dec 21 j 21:47	0° \mathbb{M} 57'29		desc. node	-4855 Dec 08 j 18:43	20° Ω 19'22	
	-4855 Jan 09 j 23:04	0° \mathbb{A}			-4855 Dec 15 j 09:17	0° \mathbb{M}	
morning set	-4855 Jan 17 j 07:00	13° \mathbb{A} 12'11		morning set	-4855 Dec 30 j 19:40	25° \mathbb{M} 32'40	
max. Earth dist.	-4855 Jan 21 j 11:35	21° \mathbb{A} 16'53	1.35104 AU		-4854 Jan 02 j 06:28	0° \mathbb{A}	
	-4855 Jan 25 j 19:30	0° \mathbb{B}		max. Earth dist.	-4854 Jan 03 j 13:48	2° \mathbb{A} 25'18	1.36773 AU
superior conj	-4855 Jan 26 j 01:00	0° \mathbb{B} 28'11	-1°25'55	superior conj	-4854 Jan 09 j 15:46	14° \mathbb{A} 07'29	-1°42'11
minimum elong	-4855 Jan 26 j 04:01	0° \mathbb{B} 43'39	1°25'48	minimum elong	-4854 Jan 09 j 18:24	14° \mathbb{A} 20'29	1°42'13
evening rise	-4855 Feb 02 j 16:26	16° \mathbb{B} 20'12		evening rise	-4854 Jan 17 j 20:16	0° \mathbb{B} 36'23	
asc. node	-4855 Feb 04 j 17:51	20° \mathbb{B} 32'03			-4854 Jan 17 j 13:03	0° \mathbb{B}	
	-4855 Feb 09 j 16:06	0° \approx		asc. node	-4854 Jan 22 j 14:53	9° \mathbb{B} 59'06	
evening max el	-4855 Feb 21 j 17:32	16° \approx 56'16	20°47'03	evening max el	-4854 Feb 04 j 06:11	28° \mathbb{B} 40'56	19°37'49
retrograde	-4855 Mar 04 j 22:03	22° \approx 15'25			-4854 Feb 05 j 18:19	0° \approx	
evening set	-4855 Mar 07 j 07:35	22° \approx 01'42		retrograde	-4854 Feb 13 j 18:35	3° \approx 11'20	
inferior conj	-4855 Mar 16 j 09:24	18° \approx 03'35	0°56'59	evening set	-4854 Feb 16 j 03:07	2° \approx 56'01	
minimum elong	-4855 Mar 16 j 11:55	17° \approx 59'57	0°55'57		-4854 Feb 22 j 18:24	30° \mathbb{R} \mathbb{B}	
min. Earth dist.	-4855 Mar 17 j 12:55	17° \approx 23'54	0.55325 AU	inferior conj	-4854 Feb 24 j 13:59	28° \mathbb{B} 51'45	2°35'26
desc. node	-4855 Mar 19 j 20:55	16° \approx 06'14		minimum elong	-4854 Feb 24 j 19:07	28° \mathbb{B} 43'33	2°33'50
morning rise	-4855 Mar 25 j 15:14	13° \approx 49'00		min. Earth dist.	-4854 Feb 27 j 03:33	27° \mathbb{B} 13'56	0.56244 AU
direct	-4855 Mar 28 j 21:13	13° \approx 26'00		morning rise	-4854 Mar 05 j 08:36	24° \mathbb{B} 09'03	
morning max el	-4855 Apr 11 j 02:03	19° \approx 51'06	22°50'23	desc. node	-4854 Mar 06 j 18:03	23° \mathbb{B} 46'01	
	-4855 Apr 19 j 12:13	0° \mathbb{H}		direct	-4854 Mar 09 j 18:04	23° \mathbb{B} 25'29	
morning set	-4855 May 03 j 12:58	25° \mathbb{H} 23'06			-4854 Mar 23 j 05:27	0° \approx	
asc. node	-4855 May 03 j 17:36	25° \mathbb{H} 47'19		morning max el	-4854 Mar 23 j 17:51	0° \approx 29'12	24°29'07
	-4855 May 05 j 17:32	0° \mathbb{Y}			-4854 Apr 12 j 21:16	0° \mathbb{H}	
superior conj	-4855 May 10 j 17:31	10° \mathbb{Y} 39'35	1°06'30	morning set	-4854 Apr 18 j 01:10	10° \mathbb{H} 25'40	
minimum elong	-4855 May 10 j 15:00	10° \mathbb{Y} 26'14	1°06'08	asc. node	-4854 Apr 20 j 14:33	15° \mathbb{H} 51'50	
max. Earth dist.	-4855 May 13 j 09:06	16° \mathbb{Y} 14'11	1.34082 AU	superior conj	-4854 Apr 25 j 02:06	25° \mathbb{H} 33'26	0°44'52
evening rise	-4855 May 18 j 11:55	26° \mathbb{Y} 37'39		minimum elong	-4854 Apr 25 j 00:15	25° \mathbb{H} 23'22	0°44'28
	-4855 May 20 j 05:28	0° \mathbb{B}		max. Earth dist.	-4854 Apr 26 j 15:02	28° \mathbb{H} 52'25	1.33248 AU
	-4855 Jun 06 j 23:00	0° \mathbb{I}			-4854 Apr 27 j 03:38	0° \mathbb{Y}	
desc. node	-4855 Jun 15 j 19:21	11° \mathbb{I} 47'58		evening rise	-4854 May 02 j 10:25	11° \mathbb{Y} 02'04	
evening max el	-4855 Jun 21 j 19:18	18° \mathbb{I} 19'08	27°17'23		-4854 May 12 j 12:11	0° \mathbb{B}	
retrograde	-4855 Jul 05 j 06:45	25° \mathbb{I} 44'21		desc. node	-4854 Jun 02 j 16:30	29° \mathbb{B} 43'14	
evening set	-4855 Jul 12 j 07:56	22° \mathbb{I} 57'50			-4854 Jun 02 j 23:03	0° \mathbb{I}	
min. Earth dist.	-4855 Jul 16 j 00:43	19° \mathbb{I} 27'13	0.64498 AU	evening max el	-4854 Jun 04 j 04:42	1° \mathbb{I} 13'11	27°24'13
inferior conj	-4855 Jul 18 j 07:18	16° \mathbb{I} 57'19	-3°28'02	retrograde	-4854 Jun 18 j 00:03	8° \mathbb{I} 38'26	
minimum elong	-4855 Jul 18 j 10:52	16° \mathbb{I} 47'31	3°26'59	evening set	-4854 Jun 25 j 02:54	6° \mathbb{I} 06'34	
morning rise	-4855 Jul 24 j 14:25	11° \mathbb{I} 29'16		min. Earth dist.	-4854 Jun 28 j 16:58	3° \mathbb{I} 05'21	0.62854 AU
direct	-4855 Jul 27 j 09:09	10° \mathbb{I} 48'48		inferior conj	-4854 Jul 01 j 13:12	0° \mathbb{I} 17'25	-3°58'19
asc. node	-4855 Jul 30 j 17:16	11° \mathbb{I} 46'27		minimum elong	-4854 Jul 01 j 15:58	0° \mathbb{I} 10'35	3°57'44
morning max el	-4855 Aug 02 j 21:32	14° \mathbb{I} 17'55	18°07'45		-4854 Jul 01 j 20:15	30° \mathbb{R} \mathbb{B}	
	-4855 Aug 13 j 22:07	0° \mathbb{B}		morning rise	-4854 Jul 08 j 06:08	25° \mathbb{B} 07'52	
morning set	-4855 Aug 20 j 20:50	11° \mathbb{B} 41'05		direct	-4854 Jul 10 j 21:21	24° \mathbb{B} 35'21	
	-4855 Aug 31 j 21:23	0° \mathbb{Q}		morning max el	-4854 Jul 17 j 12:15	27° \mathbb{B} 59'18	17°57'04
				asc. node	-4854 Jul 17 j 14:18	28° \mathbb{B} 04'23	
superior conj	-4855 Sep 03 j 10:19	4° \mathbb{Q} 06'47	0°51'04		-4854 Jul 19 j 08:24	0° \mathbb{I}	
minimum elong	-4855 Sep 03 j 15:44	4° \mathbb{Q} 28'34	0°50'38	morning set	-4854 Aug 03 j 02:31	23° \mathbb{I} 48'49	
max. Earth dist.	-4855 Sep 07 j 19:24	11° \mathbb{Q} 07'07	1.44368 AU		-4854 Aug 06 j 14:37	0° \mathbb{B}	
desc. node	-4855 Sep 11 j 18:36	17° \mathbb{Q} 23'06		superior conj	-4854 Aug 14 j 18:15	14° \mathbb{B} 01'52	1°24'45
evening rise	-4855 Sep 19 j 23:13	0° \mathbb{M} 09'40		minimum elong	-4854 Aug 14 j 23:44	14° \mathbb{B} 24'53	1°24'30
	-4855 Sep 19 j 20:43	0° \mathbb{M}		max. Earth dist.	-4854 Aug 21 j 09:14	24° \mathbb{B} 57'54	1.43285 AU
greatest brilliancy	-4855 Oct 03 j 07:44	20° \mathbb{M} 33'50	-0.7m		-4854 Aug 24 j 12:26	0° \mathbb{Q}	
	-4855 Oct 09 j 21:20	0° Ω		desc. node	-4854 Aug 29 j 15:33	8° \mathbb{Q} 05'00	
evening max el	-4855 Oct 15 j 22:33	7° Ω 23'21	20°00'16	evening rise	-4854 Aug 30 j 02:41	8° \mathbb{Q} 48'19	
retrograde	-4855 Oct 23 j 13:20	11° Ω 50'39			-4854 Sep 13 j 03:08	0° \mathbb{M}	
asc. node	-4855 Oct 26 j 16:05	10° Ω 54'12		evening max el	-4854 Sep 28 j 22:35	20° \mathbb{M} 49'20	21°06'34
evening set	-4855 Oct 27 j 03:01	10° Ω 36'23		retrograde	-4854 Oct 07 j 10:10	25° \mathbb{M} 50'27	
inferior conj	-4855 Nov 01 j 15:15	4° Ω 34'32	1°56'21				

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4854 Oct 11 j 10:41	24° M 19'04		inferior conj	-4853 Oct 01 j 01:57	1° M 47'05	0°13'16
asc. node	-4854 Oct 13 j 13:14	22° M 19'20		minimum elong	-4853 Oct 01 j 01:39	1° M 48'10	0°13'16
inferior conj	-4854 Oct 16 j 19:40	18° M 08'32	1°05'56	transit middle	-4853 Oct 01 j 01:39	1° M 48'10	0°13'16
minimum elong	-4854 Oct 16 j 18:11	18° M 13'37	1°05'23	transit begin	-4853 Oct 01 j 00:04	1° M 53'37	
min. Earth dist.	-4854 Oct 17 j 06:11	17° M 32'31	0.67103 AU	transit end	-4853 Oct 01 j 03:14	1° M 42'42	
morning rise	-4854 Oct 22 j 01:29	11° M 52'32		min. Earth dist.	-4853 Oct 01 j 02:03	1° M 46'45	0.67370 AU
direct	-4854 Oct 27 j 06:15	9° M 39'04			-4853 Oct 02 j 09:16	30° R 02	
morning max el	-4854 Nov 06 j 23:45	16° M 03'40	23°50'09	morning rise	-4853 Oct 06 j 08:30	25° O 32'37	
	-4854 Nov 18 j 11:18	0° A		direct	-4853 Oct 10 j 22:31	23° O 40'32	
desc. node	-4854 Nov 25 j 15:39	10° A 10'17		morning max el	-4853 Oct 20 j 11:25	29° O 21'28	22°24'23
	-4854 Dec 08 j 09:27	0° M			-4853 Oct 21 j 02:20	0° M	
morning set	-4854 Dec 12 j 09:13	6° M 40'46			-4853 Nov 12 j 06:47	0° A	
max. Earth dist.	-4854 Dec 16 j 09:52	13° M 40'16	1.38756 AU	desc. node	-4853 Nov 12 j 12:35	0° A 21'53	
				morning set	-4853 Nov 22 j 18:45	16° A 26'12	
superior conj	-4854 Dec 23 j 17:48	27° M 04'32	-1°51'44	max. Earth dist.	-4853 Nov 28 j 08:06	25° A 37'32	1.40810 AU
minimum elong	-4854 Dec 23 j 18:56	27° M 09'55	1°51'55		-4853 Nov 30 j 21:41	0° M	
	-4854 Dec 25 j 06:47	0° A					
evening rise	-4853 Jan 01 j 17:11	14° A 26'17		superior conj	-4853 Dec 06 j 02:09	9° M 06'28	-1°51'29
asc. node	-4853 Jan 09 j 11:58	28° A 59'37		minimum elong	-4853 Dec 06 j 00:29	8° M 58'59	1°51'36
	-4853 Jan 10 j 02:09	0° Z		evening rise	-4853 Dec 16 j 04:13	27° M 43'13	
evening max el	-4853 Jan 18 j 04:44	10° Z 59'58	18°47'50		-4853 Dec 17 j 09:24	0° A	
retrograde	-4853 Jan 26 j 07:37	14° Z 54'51		asc. node	-4853 Dec 27 j 09:05	17° A 25'02	
evening set	-4853 Jan 28 j 18:51	14° Z 34'36		evening max el	-4852 Jan 01 j 10:49	23° A 46'31	18°17'55
inferior conj	-4853 Feb 05 j 12:51	10° Z 13'06	3°37'38	retrograde	-4852 Jan 08 j 15:19	27° A 21'35	
minimum elong	-4853 Feb 05 j 16:41	10° Z 06'01	3°36'46	evening set	-4852 Jan 11 j 05:08	26° A 55'03	
min. Earth dist.	-4853 Feb 08 j 19:31	7° Z 49'10	0.57843 AU	inferior conj	-4852 Jan 18 j 08:04	22° A 12'05	4°03'33
morning rise	-4853 Feb 13 j 12:06	5° Z 02'46		minimum elong	-4852 Jan 18 j 09:00	22° A 10'06	4°03'16
direct	-4853 Feb 19 j 03:46	3° Z 45'03		min. Earth dist.	-4852 Jan 21 j 15:42	19° A 22'35	0.59782 AU
desc. node	-4853 Feb 21 j 15:10	3° Z 59'57		morning rise	-4852 Jan 25 j 11:08	16° A 40'20	
morning max el	-4853 Mar 05 j 09:14	11° Z 09'39	25°59'00	direct	-4852 Feb 01 j 01:07	14° A 43'45	
	-4853 Mar 19 j 21:11	0° A		desc. node	-4852 Feb 08 j 12:15	17° A 01'00	
morning set	-4853 Apr 02 j 13:00	25° A 27'31		morning max el	-4852 Feb 15 j 05:35	22° A 18'56	27°05'28
	-4853 Apr 04 j 16:22	0° H			-4852 Feb 22 j 01:15	0° Z	
asc. node	-4853 Apr 07 j 11:29	6° H 03'17			-4852 Mar 11 j 18:25	0° A	
				morning set	-4852 Mar 16 j 22:45	10° A 22'29	
superior conj	-4853 Apr 09 j 13:07	10° H 34'16	0°21'19	max. Earth dist.	-4852 Mar 23 j 16:26	24° A 49'51	1.32610 AU
minimum elong	-4853 Apr 09 j 12:12	10° H 29'13	0°21'01				
max. Earth dist.	-4853 Apr 10 j 02:43	11° H 48'31	1.32763 AU	superior conj	-4852 Mar 24 j 00:54	25° A 36'11	-0°03'18
evening rise	-4853 Apr 16 j 15:26	25° H 46'01		minimum elong	-4852 Mar 24 j 01:03	25° A 37'00	0°03'25
	-4853 Apr 18 j 17:14	0° Y		behind sun begin	-4852 Mar 23 j 20:09	25° A 10'10	
	-4853 May 06 j 03:40	0° B		behind sun end	-4852 Mar 24 j 05:57	26° A 03'50	
evening max el	-4853 May 17 j 09:55	13° B 31'53	26°58'20	asc. node	-4852 Mar 24 j 08:29	26° A 17'41	
desc. node	-4853 May 20 j 13:40	16° B 17'37			-4852 Mar 26 j 01:09	0° H	
retrograde	-4853 May 31 j 09:59	20° B 53'45		evening rise	-4852 Mar 31 j 00:36	10° H 41'05	
evening set	-4853 Jun 07 j 04:41	18° B 50'09			-4852 Apr 10 j 00:41	0° Y	
min. Earth dist.	-4853 Jun 10 j 23:26	16° B 05'39	0.60927 AU	evening max el	-4852 Apr 28 j 08:55	25° Y 08'26	26°00'48
inferior conj	-4853 Jun 14 j 05:59	13° B 15'58	-4°13'02		-4852 May 04 j 14:11	0° B	
minimum elong	-4853 Jun 14 j 06:41	13° B 14'26	4°12'51	desc. node	-4852 May 06 j 10:50	0° B 58'59	
morning rise	-4853 Jun 21 j 10:25	8° B 27'10		retrograde	-4852 May 12 j 11:03	2° B 24'48	
direct	-4853 Jun 23 j 23:40	8° B 00'54		evening set	-4852 May 18 j 09:49	0° B 58'21	
morning max el	-4853 Jul 01 j 01:09	11° B 29'28	18°05'15		-4852 May 20 j 05:26	30° R 00	
asc. node	-4853 Jul 04 j 11:19	15° B 27'17		min. Earth dist.	-4852 May 22 j 21:32	28° Y 14'06	0.58895 AU
	-4853 Jul 13 j 09:15	0° H		inferior conj	-4852 May 26 j 05:58	25° Y 43'39	-4°04'09
morning set	-4853 Jul 17 j 02:10	6° H 48'50		minimum elong	-4852 May 26 j 03:29	25° Y 48'20	4°03'50
				morning rise	-4852 Jun 02 j 23:45	21° Y 16'36	
superior conj	-4853 Jul 27 j 05:33	25° H 18'07	1°43'34	direct	-4852 Jun 05 j 11:44	20° Y 55'31	
minimum elong	-4853 Jul 27 j 08:26	25° H 30'56	1°43'40	morning max el	-4852 Jun 13 j 09:24	24° Y 40'47	18°33'05
	-4853 Jul 29 j 21:52	0° B			-4852 Jun 17 j 21:26	0° B	
max. Earth dist.	-4853 Aug 03 j 18:01	8° B 14'42	1.41688 AU	asc. node	-4852 Jun 20 j 08:19	3° B 41'04	
evening rise	-4853 Aug 09 j 15:43	17° B 54'54		morning set	-4852 Jun 29 j 15:02	20° B 29'09	
desc. node	-4853 Aug 16 j 12:33	28° B 41'02			-4852 Jul 04 j 13:35	0° H	
	-4853 Aug 17 j 09:12	0° O					
	-4853 Sep 07 j 20:29	0° M		superior conj	-4852 Jul 08 j 15:50	7° H 44'12	1°49'27
evening max el	-4853 Sep 11 j 16:26	4° M 14'24	22°22'44	minimum elong	-4852 Jul 08 j 16:01	7° H 45'01	1°49'40
retrograde	-4853 Sep 21 j 05:12	9° M 53'47		max. Earth dist.	-4852 Jul 15 j 21:22	20° H 47'37	1.39794 AU
evening set	-4853 Sep 25 j 18:40	8° M 03'04		evening rise	-4852 Jul 20 j 04:33	28° H 09'39	
asc. node	-4853 Sep 30 j 10:24	2° M 40'42			-4852 Jul 21 j 06:57	0° B	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

desc. node	-4852 Aug 02 j 09:35	19° ☿ 07'01		desc. node	-4851 Jul 20 j 06:37	9° ☿ 17'46	
	-4852 Aug 09 j 22:11	0° Ω			-4851 Aug 05 j 13:12	0° Ω	
evening max el	-4852 Aug 24 j 05:20	17° Ω 39'39	23°43'33	evening max el	-4851 Aug 06 j 15:55	1° Ω 07'41	25°02'07
retrograde	-4852 Sep 03 j 21:14	23° Ω 57'30		retrograde	-4851 Aug 18 j 09:22	7° Ω 57'50	
evening set	-4852 Sep 09 j 01:08	21° Ω 46'42		evening set	-4851 Aug 24 j 04:16	5° Ω 28'42	
inferior conj	-4852 Sep 14 j 08:22	15° Ω 28'30	-0°39'59	min. Earth dist.	-4851 Aug 28 j 16:09	0° Ω 21'03	0.66993 AU
minimum elong	-4852 Sep 14 j 09:17	15° Ω 25'22	0°39'24		-4851 Aug 28 j 22:32	30° ☿	
min. Earth dist.	-4852 Sep 13 j 22:10	16° Ω 03'20	0.67337 AU	inferior conj	-4851 Aug 29 j 13:12	29° ☿ 11'32	-1°32'07
asc. node	-4852 Sep 16 j 07:33	12° Ω 51'35		minimum elong	-4851 Aug 29 j 15:17	29° ☿ 04'37	1°31'04
morning rise	-4852 Sep 19 j 17:24	9° Ω 18'32		asc. node	-4851 Sep 03 j 04:40	23° ☿ 50'51	
direct	-4852 Sep 23 j 18:03	7° Ω 47'05		morning rise	-4851 Sep 04 j 02:21	23° ☿ 09'04	
morning max el	-4852 Oct 02 j 04:50	12° Ω 45'59	21°04'19	direct	-4851 Sep 07 j 15:43	21° ☿ 55'48	
	-4852 Oct 15 j 12:51	0° ☿		morning max el	-4851 Sep 15 j 05:21	26° ☿ 19'00	19°55'17
desc. node	-4852 Oct 29 j 09:29	20° ☿ 47'34			-4851 Sep 18 j 10:56	0° Ω	
morning set	-4852 Nov 01 j 02:42	25° ☿ 01'10			-4851 Oct 08 j 22:45	0° ☿	
	-4852 Nov 04 j 06:35	0° Ω		morning set	-4851 Oct 11 j 01:34	3° ☿ 16'40	
max. Earth dist.	-4852 Nov 09 j 12:52	8° Ω 27'35	1.42639 AU	desc. node	-4851 Oct 16 j 06:24	11° ☿ 22'59	
				max. Earth dist.	-4851 Oct 23 j 00:17	22° ☿ 02'01	1.43995 AU
superior conj	-4852 Nov 16 j 10:56	19° Ω 57'58	-1°37'49	superior conj	-4851 Oct 27 j 16:12	29° ☿ 31'36	-1°07'58
minimum elong	-4852 Nov 16 j 05:48	19° Ω 36'09	1°37'30	minimum elong	-4851 Oct 27 j 09:34	29° ☿ 04'44	1°07'13
	-4852 Nov 22 j 06:24	0° ☿			-4851 Oct 27 j 23:13	0° Ω	
evening rise	-4852 Nov 28 j 01:35	10° ☿ 18'15		evening rise	-4851 Nov 10 j 04:44	22° Ω 02'14	
	-4852 Dec 09 j 13:04	0° ☿			-4851 Nov 14 j 20:50	0° ☿	
asc. node	-4852 Dec 13 j 06:13	5° ☿ 03'44		evening max el	-4851 Nov 28 j 10:19	20° ☿ 09'18	18°16'54
evening max el	-4852 Dec 14 j 21:35	6° ☿ 51'39	18°07'49	asc. node	-4851 Nov 30 j 03:21	21° ☿ 42'33	
retrograde	-4852 Dec 21 j 14:12	10° ☿ 20'26		retrograde	-4851 Dec 04 j 23:46	23° ☿ 42'41	
evening set	-4852 Dec 24 j 06:37	9° ☿ 46'43		evening set	-4851 Dec 07 j 19:49	23° ☿ 00'25	
inferior conj	-4852 Dec 30 j 21:09	4° ☿ 42'19	4°01'35	inferior conj	-4851 Dec 14 j 00:26	17° ☿ 36'28	3°40'23
minimum elong	-4852 Dec 30 j 19:37	4° ☿ 46'06	4°01'16	minimum elong	-4851 Dec 13 j 21:32	17° ☿ 44'26	3°39'41
min. Earth dist.	-4851 Jan 02 j 19:34	1° ☿ 50'13	0.61747 AU	min. Earth dist.	-4851 Dec 16 j 09:08	15° ☿ 00'52	0.63515 AU
	-4851 Jan 04 j 21:25	30° ☿		morning rise	-4851 Dec 19 j 22:36	11° ☿ 38'15	
morning rise	-4851 Jan 06 j 07:31	28° ☿ 55'12		direct	-4851 Dec 26 j 23:23	8° ☿ 50'56	
direct	-4851 Jan 13 j 08:10	26° ☿ 26'18		morning max el	-4850 Jan 09 j 15:45	16° ☿ 33'47	27°35'35
	-4851 Jan 22 j 12:20	0° ☿		desc. node	-4850 Jan 12 j 06:22	19° ☿ 16'53	
desc. node	-4851 Jan 25 j 09:19	2° ☿ 18'26			-4850 Jan 20 j 20:54	0° ☿	
morning max el	-4851 Jan 27 j 08:18	4° ☿ 07'46	27°38'38		-4850 Feb 08 j 07:44	0° ☿	
	-4851 Feb 15 j 15:27	0° ☿		morning set	-4850 Feb 13 j 03:22	9° ☿ 18'16	
morning set	-4851 Mar 01 j 04:21	25° ☿ 02'13		max. Earth dist.	-4850 Feb 18 j 09:46	20° ☿ 07'24	1.33352 AU
	-4851 Mar 03 j 13:48	0° \approx					
max. Earth dist.	-4851 Mar 07 j 04:06	7° \approx 40'41	1.32793 AU	superior conj	-4850 Feb 20 j 19:55	25° ☿ 16'25	-0°52'12
				minimum elong	-4850 Feb 20 j 22:08	25° ☿ 28'16	0°52'02
superior conj	-4851 Mar 08 j 11:44	10° \approx 32'10	-0°28'06		-4850 Feb 23 j 00:43	0° \approx	
minimum elong	-4851 Mar 08 j 12:59	10° \approx 38'57	0°28'03	asc. node	-4850 Feb 26 j 02:27	6° \approx 35'51	
asc. node	-4851 Mar 11 j 05:28	16° \approx 29'48		evening rise	-4850 Feb 27 j 23:18	10° \approx 33'19	
evening rise	-4851 Mar 15 j 11:48	25° \approx 38'57			-4850 Mar 10 j 02:31	0° ☿	
	-4851 Mar 17 j 14:04	0° ☿		evening max el	-4850 Mar 22 j 18:43	16° ☿ 52'33	23°05'51
evening max el	-4851 Apr 04 j 13:16	0° ☿		retrograde	-4850 Apr 05 j 03:21	23° ☿ 26'51	
desc. node	-4851 Apr 10 j 02:21	6° ☿ 08'17	24°39'08	evening set	-4850 Apr 08 j 13:30	23° ☿ 01'12	
retrograde	-4851 Apr 23 j 07:59	13° ☿ 10'36		desc. node	-4850 Apr 10 j 05:09	22° ☿ 31'35	
evening set	-4851 Apr 28 j 18:21	12° ☿ 21'37		min. Earth dist.	-4850 Apr 16 j 05:26	19° ☿ 35'21	0.55710 AU
min. Earth dist.	-4851 May 04 j 14:29	9° ☿ 22'20	0.57038 AU	inferior conj	-4850 Apr 17 j 19:21	18° ☿ 39'55	-2°00'34
inferior conj	-4851 May 07 j 10:15	7° ☿ 32'05	-3°21'56	minimum elong	-4850 Apr 17 j 14:27	18° ☿ 47'06	1°59'08
minimum elong	-4851 May 07 j 04:58	7° ☿ 40'45	3°20'49	morning rise	-4850 Apr 26 j 17:48	14° ☿ 41'37	
morning rise	-4851 May 15 j 18:47	3° ☿ 23'58		direct	-4850 Apr 29 j 05:08	14° ☿ 26'51	
direct	-4851 May 18 j 05:28	3° ☿ 07'11		morning max el	-4850 May 10 j 01:07	19° ☿ 30'08	20°29'19
morning max el	-4851 May 27 j 10:14	7° ☿ 24'06	19°21'12		-4850 May 18 j 08:42	0° ☿	
asc. node	-4851 Jun 07 j 05:19	22° ☿ 33'47		asc. node	-4850 May 25 j 02:16	11° ☿ 55'41	
	-4851 Jun 11 j 04:25	0° ☿		morning set	-4850 May 28 j 18:25	19° ☿ 15'01	
morning set	-4851 Jun 13 j 13:25	4° ☿ 40'31			-4850 Jun 02 j 23:50	0° ☿	
				superior conj	-4850 Jun 05 j 11:15	5° ☿ 03'38	1°34'08
superior conj	-4851 Jun 21 j 19:22	21° ☿ 04'13	1°45'25	minimum elong	-4850 Jun 10 j 08:40	4° ☿ 50'33	1°34'02
minimum elong	-4851 Jun 21 j 17:41	20° ☿ 56'01	1°45'32	max. Earth dist.	-4850 Jun 10 j 04:50	14° ☿ 28'19	1.36136 AU
	-4851 Jun 26 j 11:30	0° ☿		evening rise	-4850 Jun 14 j 08:38	22° ☿ 22'02	
max. Earth dist.	-4851 Jun 27 j 22:45	2° ☿ 43'31	1.37866 AU		-4850 Jun 18 j 14:02	0° ☿	
evening rise	-4851 Jul 01 j 19:35	9° ☿ 42'14		desc. node	-4850 Jul 07 j 03:40	29° ☿ 06'04	
	-4851 Jul 14 j 01:42	0° ☿					

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4850 Jul 07 j 19:28	0°☿		max. Earth dist.	-4849 May 23 j 20:31	26°☿28'59	1.34735 AU
evening max el	-4850 Jul 20 j 02:36	14°☿37'33	26°10'23		-4849 May 25 j 14:17	0°☿	
retrograde	-4850 Aug 01 j 16:50	21°☿49'01		evening rise	-4849 May 28 j 14:16	5°☿53'56	
evening set	-4850 Aug 08 j 01:58	19°☿06'17			-4849 Jun 11 j 06:32	0°☿	
min. Earth dist.	-4850 Aug 12 j 05:36	14°☿36'34	0.66317 AU	desc. node	-4849 Jun 24 j 00:45	18°☿22'23	
inferior conj	-4850 Aug 13 j 14:35	12°☿53'22	-2°21'26	evening max el	-4849 Jul 02 j 14:02	28°☿03'13	27°00'02
minimum elong	-4850 Aug 13 j 17:38	12°☿43'50	2°20'09		-4849 Jul 04 j 16:55	0°☿	
morning rise	-4850 Aug 19 j 09:27	7°☿01'35		retrograde	-4849 Jul 15 j 19:03	5°☿24'55	
asc. node	-4850 Aug 21 j 01:45	6°☿16'19		evening set	-4849 Jul 22 j 15:49	2°☿36'47	
direct	-4850 Aug 22 j 13:50	6°☿03'21			-4849 Jul 25 j 09:13	30°☿☿	
morning max el	-4850 Aug 29 j 12:25	9°☿58'48	19°00'31	min. Earth dist.	-4849 Jul 26 j 12:08	28°☿45'21	0.65280 AU
	-4850 Sep 12 j 19:35	0°☿		inferior conj	-4849 Jul 28 j 10:29	26°☿31'07	-3°05'48
morning set	-4850 Sep 20 j 14:04	12°☿15'55		minimum elong	-4849 Jul 28 j 14:03	26°☿20'45	3°04'34
	-4850 Oct 01 j 19:50	0°☿		morning rise	-4849 Aug 03 j 12:39	20°☿53'21	
desc. node	-4850 Oct 03 j 03:17	2°☿03'52		direct	-4849 Aug 06 j 10:23	20°☿07'03	
max. Earth dist.	-4850 Oct 05 j 16:21	6°☿04'36	1.44710 AU	asc. node	-4849 Aug 07 j 22:50	20°☿19'36	
				morning max el	-4849 Aug 13 j 00:23	23°☿43'03	18°21'59
superior conj	-4850 Oct 06 j 21:57	8°☿01'26	-0°23'40		-4849 Aug 18 j 01:42	0°☿	
minimum elong	-4850 Oct 06 j 18:55	7°☿49'26	0°23'10	morning set	-4849 Sep 01 j 04:46	22°☿32'00	
	-4850 Oct 20 j 16:12	0°☿			-4849 Sep 05 j 18:14	0°☿	
evening rise	-4850 Oct 22 j 08:49	2°☿44'34					
	-4850 Nov 08 j 21:28	0°☿		superior conj	-4849 Sep 15 j 22:00	16°☿19'15	0°25'36
evening max el	-4850 Nov 11 j 22:17	3°☿33'27	18°44'09	minimum elong	-4849 Sep 16 j 01:11	16°☿31'54	0°25'22
asc. node	-4850 Nov 17 j 00:29	7°☿05'48		max. Earth dist.	-4849 Sep 18 j 10:26	20°☿18'32	1.44704 AU
retrograde	-4850 Nov 18 j 16:09	7°☿20'57		desc. node	-4849 Sep 20 j 00:09	22°☿47'20	
evening set	-4850 Nov 21 j 17:29	6°☿28'08			-4849 Sep 24 j 14:14	0°☿	
inferior conj	-4850 Nov 27 j 14:17	0°☿47'03	3°06'17	evening rise	-4849 Oct 02 j 11:40	12°☿21'50	
minimum elong	-4850 Nov 27 j 11:02	0°☿56'51	3°05'17	greatest brilliancy	-4849 Oct 13 j 07:59	29°☿14'49	-0.7m
	-4850 Nov 28 j 05:51	30°☿☿			-4849 Oct 13 j 19:48	0°☿	
min. Earth dist.	-4850 Nov 29 j 08:26	28°☿40'14	0.64962 AU	evening max el	-4849 Oct 26 j 07:02	16°☿59'55	19°28'10
morning rise	-4850 Dec 03 j 04:11	24°☿40'44		retrograde	-4849 Nov 02 j 12:10	21°☿10'10	
direct	-4850 Dec 09 j 21:14	21°☿50'11		asc. node	-4849 Nov 03 j 21:38	20°☿58'54	
morning max el	-4850 Dec 23 j 01:10	29°☿26'04	26°59'44	evening set	-4849 Nov 05 j 20:49	20°☿04'20	
	-4850 Dec 23 j 14:40	0°☿		inferior conj	-4849 Nov 11 j 11:40	14°☿09'05	2°23'35
desc. node	-4850 Dec 30 j 03:22	7°☿26'50		minimum elong	-4849 Nov 11 j 08:46	14°☿18'25	2°22'33
	-4849 Jan 14 j 17:35	0°☿		min. Earth dist.	-4849 Nov 12 j 16:20	12°☿36'45	0.66054 AU
morning set	-4849 Jan 27 j 16:36	23°☿00'23		morning rise	-4849 Nov 16 j 20:28	7°☿56'59	
	-4849 Jan 31 j 05:55	0°☿		direct	-4849 Nov 23 j 00:49	5°☿15'29	
max. Earth dist.	-4849 Feb 01 j 05:52	2°☿00'51	1.34334 AU	morning max el	-4849 Dec 05 j 10:33	12°☿33'11	25°57'59
				desc. node	-4849 Dec 17 j 00:19	26°☿26'51	
superior conj	-4849 Feb 04 j 23:27	9°☿42'23	-1°14'29		-4849 Dec 19 j 13:51	0°☿	
minimum elong	-4849 Feb 05 j 02:19	9°☿57'23	1°14'18		-4848 Jan 07 j 09:27	0°☿	
evening rise	-4849 Feb 12 j 09:22	25°☿18'24		morning set	-4848 Jan 10 j 15:46	5°☿54'53	
asc. node	-4849 Feb 12 j 23:28	26°☿31'25		max. Earth dist.	-4848 Jan 14 j 14:34	13°☿22'17	1.35765 AU
	-4849 Feb 14 j 16:16	0°☿					
evening max el	-4849 Mar 04 j 16:07	27°☿47'57	21°34'32	superior conj	-4848 Jan 19 j 19:47	23°☿41'28	-1°33'28
	-4849 Mar 07 j 06:03	0°☿		minimum elong	-4848 Jan 19 j 22:44	23°☿56'28	1°33'25
retrograde	-4849 Mar 16 j 18:33	3°☿36'11			-4848 Jan 22 j 21:57	0°☿	
evening set	-4849 Mar 19 j 09:11	3°☿20'50		evening rise	-4848 Jan 27 j 16:07	9°☿47'15	
	-4849 Mar 27 j 11:26	30°☿☿		asc. node	-4848 Jan 30 j 20:31	16°☿30'50	
desc. node	-4849 Mar 28 j 02:20	29°☿39'11			-4848 Feb 07 j 14:49	0°☿	
inferior conj	-4849 Mar 28 j 16:17	29°☿19'34	-0°09'36	evening max el	-4848 Feb 14 j 22:42	9°☿12'09	20°15'24
minimum elong	-4849 Mar 28 j 15:49	29°☿20'12	0°09'35	retrograde	-4848 Feb 25 j 09:33	14°☿09'19	
transit middle	-4849 Mar 28 j 15:49	29°☿20'12	0°09'35	evening set	-4848 Feb 27 j 18:04	13°☿55'19	
transit begin	-4849 Mar 28 j 12:33	29°☿24'49		inferior conj	-4848 Mar 07 j 14:07	9°☿56'14	1°42'26
transit end	-4849 Mar 28 j 19:05	29°☿15'36		minimum elong	-4848 Mar 07 j 18:16	9°☿50'02	1°40'55
min. Earth dist.	-4849 Mar 28 j 19:45	29°☿14'40	0.55200 AU	min. Earth dist.	-4848 Mar 09 j 09:44	8°☿51'19	0.55619 AU
morning rise	-4849 Apr 06 j 22:41	25°☿16'01		desc. node	-4848 Mar 13 j 23:30	6°☿27'54	
direct	-4849 Apr 09 j 18:32	24°☿58'20		morning rise	-4848 Mar 16 j 16:42	5°☿30'56	
	-4849 Apr 21 j 04:52	0°☿		direct	-4848 Mar 20 j 09:26	5°☿01'01	
morning max el	-4849 Apr 22 j 05:03	0°☿54'40	21°55'08	morning max el	-4848 Apr 02 j 23:52	11°☿43'51	23°32'25
	-4849 May 11 j 03:40	0°☿			-4848 Apr 16 j 16:08	0°☿	
asc. node	-4849 May 11 j 23:14	1°☿39'24		morning set	-4848 Apr 26 j 15:28	19°☿06'41	
morning set	-4849 May 13 j 03:46	4°☿06'16		asc. node	-4848 Apr 27 j 20:11	21°☿37'52	
					-4848 May 01 j 18:01	0°☿	
superior conj	-4849 May 20 j 11:48	19°☿31'42	1°17'42				
minimum elong	-4849 May 20 j 09:06	19°☿17'32	1°17'24	superior conj	-4848 May 03 j 18:07	4°☿18'19	0°57'38

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4848 May 03 j 15:50	4° Υ 06'06	0°57'13	max. Earth dist.	-4847 Apr 19 j 06:53	21° H 42'02	1.33004 AU
max. Earth dist.	-4848 May 05 j 22:02	8° Υ 54'42	1.33692 AU		-4847 Apr 23 j 04:04	0° Υ	
evening rise	-4848 May 11 j 07:42	20° Υ 02'28		evening rise	-4847 Apr 25 j 09:19	4° Υ 36'13	
	-4848 May 16 j 11:44	0° B			-4847 May 09 j 04:40	0° B	
	-4848 Jun 04 j 07:53	0° II		evening max el	-4847 May 27 j 08:27	23° B 51'40	27°17'03
desc. node	-4848 Jun 09 j 21:54	6° II 52'32		desc. node	-4847 May 27 j 19:04	24° B 16'49	
evening max el	-4848 Jun 14 j 00:47	11° II 12'15	27°24'01		-4847 Jun 04 j 20:11	0° II	
retrograde	-4848 Jun 27 j 15:37	18° II 37'07		retrograde	-4847 Jun 10 j 05:56	1° II 16'04	
evening set	-4848 Jul 04 j 18:42	15° II 55'05			-4847 Jun 15 j 09:33	30° R B	
min. Earth dist.	-4848 Jul 08 j 09:47	12° II 38'18	0.63851 AU	evening set	-4847 Jun 17 j 06:53	28° B 54'17	
inferior conj	-4848 Jul 10 j 22:19	9° II 59'24	-3°42'23	min. Earth dist.	-4847 Jun 20 j 21:36	26° B 02'22	0.62066 AU
minimum elong	-4848 Jul 11 j 01:41	9° II 50'32	3°41'31	inferior conj	-4847 Jun 23 j 23:03	23° B 11'06	-4°06'53
morning rise	-4848 Jul 17 j 09:25	4° II 38'53		minimum elong	-4847 Jun 24 j 01:06	23° B 06'16	4°06'30
direct	-4848 Jul 20 j 02:34	4° II 01'55		morning rise	-4847 Jun 30 j 20:43	18° B 10'31	
asc. node	-4848 Jul 24 j 19:54	5° II 52'38		direct	-4847 Jul 03 j 10:58	17° B 40'52	
morning max el	-4848 Jul 26 j 14:54	7° II 27'20	18°00'57	morning max el	-4847 Jul 10 j 05:16	21° B 05'11	17°58'13
	-4848 Aug 10 j 13:16	0° E		asc. node	-4847 Jul 11 j 16:56	22° B 40'08	
morning set	-4848 Aug 12 j 21:37	4° E 02'55			-4847 Jul 16 j 23:16	0° II	
				morning set	-4847 Jul 26 j 11:33	16° II 34'15	
superior conj	-4848 Aug 25 j 14:41	25° E 28'48	1°07'11		-4847 Aug 02 j 23:49	0° E	
minimum elong	-4848 Aug 25 j 20:39	25° E 53'12	1°06'47				
	-4848 Aug 28 j 09:19	0° Ω		superior conj	-4847 Aug 06 j 10:34	5° E 59'26	1°34'30
max. Earth dist.	-4848 Aug 31 j 03:06	4° Ω 24'34	1.43983 AU	minimum elong	-4847 Aug 06 j 15:05	6° E 18'50	1°34'24
desc. node	-4848 Sep 05 j 21:05	13° Ω 30'42		max. Earth dist.	-4847 Aug 13 j 14:49	18° E 02'06	1.42653 AU
evening rise	-4848 Sep 10 j 19:08	21° Ω 10'03		evening rise	-4847 Aug 21 j 00:09	29° E 53'19	
	-4848 Sep 16 j 13:15	0° H			-4847 Aug 21 j 01:51	0° Ω	
	-4848 Oct 08 j 00:29	0° $\underline{\text{A}}$		desc. node	-4847 Aug 23 j 18:03	4° Ω 10'24	
evening max el	-4848 Oct 08 j 10:32	0° $\underline{\text{A}}$ 26'14	20°27'02		-4847 Sep 10 j 05:10	0° H	
retrograde	-4848 Oct 16 j 09:24	5° $\underline{\text{A}}$ 07'10		evening max el	-4847 Sep 21 j 07:42	13° H 50'54	21°38'02
evening set	-4848 Oct 20 j 03:30	3° $\underline{\text{A}}$ 45'43		retrograde	-4847 Sep 30 j 05:45	19° H 08'37	
asc. node	-4848 Oct 20 j 18:48	3° $\underline{\text{A}}$ 15'41		evening set	-4847 Oct 04 j 11:30	17° H 29'09	
	-4848 Oct 23 j 19:29	30° R H		asc. node	-4847 Oct 07 j 15:58	14° H 08'24	
inferior conj	-4848 Oct 25 j 14:07	27° H 39'34	1°35'20	inferior conj	-4847 Oct 09 j 19:33	11° H 15'38	0°43'43
minimum elong	-4848 Oct 25 j 12:02	27° H 46'35	1°34'33	minimum elong	-4847 Oct 09 j 18:33	11° H 19'05	0°43'25
min. Earth dist.	-4848 Oct 26 j 06:50	26° H 43'15	0.66805 AU	min. Earth dist.	-4847 Oct 10 j 01:32	10° H 54'59	0.67246 AU
morning rise	-4848 Oct 30 j 20:24	21° H 24'12		morning rise	-4847 Oct 15 j 01:26	4° H 59'46	
direct	-4848 Nov 05 j 09:50	18° H 59'29		direct	-4847 Oct 19 j 23:40	2° H 55'31	
morning max el	-4848 Nov 16 j 19:28	25° H 46'50	24°39'22	morning max el	-4847 Oct 30 j 05:14	9° H 02'28	23°13'25
	-4848 Nov 20 j 16:29	0° $\underline{\text{A}}$			-4847 Nov 15 j 15:13	0° $\underline{\text{A}}$	
desc. node	-4848 Dec 02 j 21:15	16° $\underline{\text{A}}$ 02'23		desc. node	-4847 Nov 19 j 18:09	6° $\underline{\text{A}}$ 02'38	
	-4848 Dec 12 j 03:18	0° M		morning set	-4847 Dec 03 j 21:22	28° $\underline{\text{A}}$ 19'54	
morning set	-4848 Dec 22 j 19:24	17° M 46'43			-4847 Dec 04 j 21:18	0° M	
max. Earth dist.	-4848 Dec 26 j 13:46	24° M 31'11	1.37587 AU	max. Earth dist.	-4847 Dec 08 j 09:37	5° M 59'35	1.39631 AU
	-4848 Dec 29 j 12:48	0° X					
				superior conj	-4847 Dec 16 j 00:45	19° M 38'47	-1°53'03
superior conj	-4847 Jan 02 j 05:40	7° X 04'21	-1°47'13	minimum elong	-4847 Dec 16 j 00:51	19° M 39'15	1°53'14
minimum elong	-4847 Jan 02 j 07:50	7° X 14'48	1°47'20		-4847 Dec 21 j 12:46	0° X	
evening rise	-4847 Jan 10 j 17:23	23° X 53'37		evening rise	-4847 Dec 25 j 10:27	7° X 29'50	
	-4847 Jan 13 j 19:57	0° B		asc. node	-4846 Jan 03 j 14:42	24° X 14'33	
asc. node	-4847 Jan 16 j 17:36	5° B 27'57			-4846 Jan 07 j 11:51	0° B	
evening max el	-4847 Jan 27 j 15:40	21° B 11'45	19°14'06	evening max el	-4846 Jan 10 j 17:39	3° B 42'47	18°32'42
retrograde	-4847 Feb 05 j 12:47	25° B 25'41		retrograde	-4846 Jan 18 j 09:53	7° B 27'39	
evening set	-4847 Feb 07 j 22:15	25° B 08'34		evening set	-4846 Jan 20 j 22:05	7° B 05'01	
inferior conj	-4847 Feb 16 j 01:51	20° B 57'30	3°06'33	inferior conj	-4846 Jan 28 j 09:24	2° B 34'50	3°52'36
minimum elong	-4847 Feb 16 j 06:48	20° B 49'05	3°05'12	minimum elong	-4846 Jan 28 j 12:03	2° B 29'37	3°52'05
min. Earth dist.	-4847 Feb 19 j 00:36	18° B 58'17	0.56857 AU		-4846 Jan 31 j 16:34	30° R X	
morning rise	-4847 Feb 24 j 12:46	16° B 02'22		min. Earth dist.	-4846 Jan 31 j 18:14	29° X 56'51	0.58638 AU
desc. node	-4847 Feb 28 j 20:39	15° B 06'50		morning rise	-4846 Feb 04 j 23:46	27° X 14'10	
direct	-4847 Mar 01 j 11:10	15° B 05'58		direct	-4846 Feb 11 j 02:07	25° X 39'38	
morning max el	-4847 Mar 15 j 14:54	22° B 20'10	25°09'20	desc. node	-4846 Feb 15 j 17:46	26° X 32'56	
	-4847 Mar 22 j 09:02	0° \approx			-4846 Feb 21 j 16:36	0° B	
	-4847 Apr 09 j 03:28	0° H		morning max el	-4846 Feb 25 j 08:04	3° B 10'35	26°30'54
morning set	-4847 Apr 11 j 03:46	4° H 10'06			-4846 Mar 16 j 16:59	0° \approx	
asc. node	-4847 Apr 14 j 17:09	11° H 46'05		morning set	-4846 Mar 26 j 14:57	19° \approx 10'01	
					-4846 Mar 31 j 16:15	0° H	
superior conj	-4847 Apr 18 j 03:59	19° H 16'07	0°35'05	asc. node	-4846 Apr 01 j 14:08	1° H 59'33	
minimum elong	-4847 Apr 18 j 02:30	19° H 08'01	0°34'42				

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4846 Apr 02 j 15:33	4° X 18'31	0°11'00			-4845 Mar 09 j 00:15	0° \approx	
minimum elong	-4846 Apr 02 j 15:04	4° X 15'53	0°10'45	morning set		-4845 Mar 10 j 23:09	3° \approx 59'08	
behind sun begin	-4846 Apr 02 j 11:24	3° X 55'46		max. Earth dist.		-4845 Mar 17 j 08:51	17° \approx 39'02	1.32637 AU
behind sun end	-4846 Apr 02 j 18:45	4° X 36'01						
max. Earth dist.	-4846 Apr 02 j 19:43	4° X 41'18	1.32650 AU	superior conj		-4845 Mar 18 j 03:07	19° \approx 18'41	-0°13'50
evening rise	-4846 Apr 09 j 16:21	19° X 25'55		minimum elong		-4845 Mar 18 j 03:44	19° \approx 22'04	0°13'52
	-4846 Apr 14 j 22:57	0° Y		behind sun begin		-4845 Mar 18 j 01:19	19° \approx 08'53	
	-4846 May 04 j 00:58	0° Z		behind sun end		-4845 Mar 18 j 06:09	19° \approx 35'16	
evening max el	-4846 May 09 j 11:04	5° Z 52'57	26°37'27	asc. node		-4845 Mar 19 j 11:07	22° \approx 13'32	
desc. node	-4846 May 14 j 16:15	10° Z 08'07				-4845 Mar 23 j 01:04	0° X	
retrograde	-4846 May 23 j 12:50	13° Z 13'48		evening rise		-4845 Mar 25 j 02:34	4° X 23'04	
evening set	-4846 May 30 j 00:20	11° Z 25'19				-4845 Apr 07 j 21:16	0° Y	
min. Earth dist.	-4846 Jun 03 j 00:24	8° Z 42'52	0.60057 AU	evening max el		-4845 Apr 21 j 07:38	17° Y 13'30	25°28'35
inferior conj	-4846 Jun 06 j 09:11	5° Z 58'21	-4°12'45	desc. node		-4845 May 01 j 13:26	23° Y 50'37	
minimum elong	-4846 Jun 06 j 08:38	5° Z 59'30	4°12'36	retrograde		-4845 May 05 j 09:43	24° Y 25'32	
morning rise	-4846 Jun 13 j 19:08	1° Z 19'00		evening set		-4845 May 10 j 20:23	23° Y 15'38	
direct	-4846 Jun 16 j 07:37	0° Z 55'12		min. Earth dist.		-4845 May 15 j 20:12	20° Y 26'25	0.58061 AU
morning max el	-4846 Jun 23 j 16:39	4° Z 29'31	18°14'35	inferior conj		-4845 May 19 j 01:07	18° Y 10'57	-3°50'55
asc. node	-4846 Jun 28 j 13:57	10° Z 26'55		minimum elong		-4845 May 18 j 21:15	18° Y 17'50	3°50'19
morning set	-4846 Jul 09 j 17:24	29° Z 53'18		morning rise		-4845 May 27 j 01:01	13° Y 52'12	
	-4846 Jul 09 j 18:49	0° II		direct		-4845 May 29 j 12:19	13° Y 33'07	
				morning max el		-4845 Jun 06 j 22:03	17° Y 30'20	18°50'57
superior conj	-4846 Jul 19 j 08:25	17° II 48'09	1°47'28	asc. node		-4845 Jun 15 j 10:56	28° Y 58'55	
minimum elong	-4846 Jul 19 j 10:05	17° II 55'43	1°47'39			-4845 Jun 16 j 01:17	0° Z	
	-4846 Jul 26 j 06:44	0° D		morning set		-4845 Jun 23 j 10:45	13° Z 48'25	
max. Earth dist.	-4846 Jul 26 j 20:37	0° D 59'12	1.40901 AU			-4845 Jul 01 j 18:28	0° II	
evening rise	-4846 Jul 31 j 22:23	9° D 26'45						
desc. node	-4846 Aug 10 j 15:04	24° D 43'05		superior conj		-4845 Jul 02 j 02:42	0° II 39'11	1°48'46
	-4846 Aug 14 j 03:31	0° O		minimum elong		-4845 Jul 02 j 01:58	0° II 35'43	1°48'58
evening max el	-4846 Sep 03 j 23:11	27° O 16'08	22°56'55	max. Earth dist.		-4845 Jul 08 j 22:34	13° II 15'01	1.38971 AU
	-4846 Sep 06 j 22:44	0° P		evening rise		-4845 Jul 12 j 22:43	20° II 15'54	
retrograde	-4846 Sep 13 j 23:43	3° P 12'38				-4845 Jul 18 j 18:45	0° D	
evening set	-4846 Sep 18 j 19:03	1° P 13'36		desc. node		-4845 Jul 28 j 12:06	15° D 03'34	
	-4846 Sep 20 j 02:09	30° R 01				-4845 Aug 08 j 05:47	0° O	
inferior conj	-4846 Sep 24 j 02:07	24° O 56'11	-0°09'21	evening max el		-4845 Aug 17 j 10:58	10° O 43'21	24°17'42
minimum elong	-4846 Sep 24 j 02:20	24° O 55'28	0°09'06	retrograde		-4845 Aug 28 j 14:04	17° O 15'25	
transit middle	-4846 Sep 24 j 02:20	24° O 55'28	0°09'06	evening set		-4845 Sep 03 j 00:19	14° O 56'45	
transit begin	-4846 Sep 24 j 00:05	25° O 03'12		min. Earth dist.		-4845 Sep 07 j 17:28	9° O 28'07	0.67237 AU
transit end	-4846 Sep 24 j 04:35	24° O 47'43		inferior conj		-4845 Sep 08 j 08:05	8° O 38'47	-1°02'17
min. Earth dist.	-4846 Sep 23 j 21:55	25° O 10'40	0.67392 AU	minimum elong		-4845 Sep 08 j 09:31	8° O 33'57	1°01'30
asc. node	-4846 Sep 24 j 13:06	24° O 18'25		asc. node		-4845 Sep 11 j 10:12	4° O 43'46	
morning rise	-4846 Sep 29 j 09:30	18° O 42'58		morning rise		-4845 Sep 13 j 18:39	2° O 31'30	
direct	-4846 Oct 03 j 17:36	16° O 59'45		direct		-4845 Sep 17 j 14:20	1° O 07'56	
morning max el	-4846 Oct 12 j 18:57	22° O 22'40	21°49'07	morning max el		-4845 Sep 25 j 15:12	5° O 50'23	20°33'15
	-4846 Oct 19 j 06:45	0° P				-4845 Oct 13 j 11:25	0° P	
desc. node	-4846 Nov 06 j 15:04	26° P 20'50		morning set		-4845 Oct 23 j 20:06	15° P 49'39	
	-4846 Nov 08 j 23:59	0° Q		desc. node		-4845 Oct 24 j 11:59	16° P 51'21	
morning set	-4846 Nov 13 j 18:52	7° Q 31'14				-4845 Nov 01 j 19:40	0° Q	
max. Earth dist.	-4846 Nov 20 j 09:41	18° Q 16'37	1.41632 AU	max. Earth dist.		-4845 Nov 02 j 17:33	1° Q 28'00	1.43292 AU
	-4846 Nov 27 j 07:11	0° R						
superior conj	-4846 Nov 27 j 23:44	1° R 12'11	-1°47'33	superior conj		-4845 Nov 08 j 21:04	11° Q 31'24	-1°27'11
minimum elong	-4846 Nov 27 j 20:34	0° R 58'20	1°47'30	minimum elong		-4845 Nov 08 j 14:49	11° Q 05'28	1°26'39
evening rise	-4846 Dec 08 j 16:07	20° R 29'23				-4845 Nov 19 j 16:48	0° R	
	-4846 Dec 13 j 21:10	0° S		evening rise		-4845 Nov 21 j 06:17	2° R 44'03	
asc. node	-4846 Dec 21 j 11:48	12° S 21'25		asc. node		-4845 Dec 08 j 08:54	29° R 36'46	
evening max el	-4846 Dec 25 j 02:06	16° S 38'10	18°11'18	evening max el		-4845 Dec 08 j 14:06	29° R 50'04	18°09'26
retrograde	-4845 Jan 01 j 00:15	20° S 08'43				-4845 Dec 08 j 18:05	0° S	
evening set	-4845 Jan 03 j 15:11	19° S 39'15		retrograde		-4845 Dec 15 j 04:10	3° S 19'14	
inferior conj	-4845 Jan 10 j 12:33	14° S 47'22	4°05'33	evening set		-4845 Dec 17 j 22:07	2° S 41'54	
minimum elong	-4845 Jan 10 j 12:18	14° S 47'55	4°05'19			-4845 Dec 21 j 18:44	30° R 01	
min. Earth dist.	-4845 Jan 13 j 17:20	11° S 53'48	0.60631 AU	inferior conj		-4845 Dec 24 j 08:07	27° R 28'50	3°54'32
morning rise	-4845 Jan 17 j 07:58	9° S 08'37		minimum elong		-4845 Dec 24 j 05:52	27° R 34'39	3°54'03
direct	-4845 Jan 24 j 04:09	6° S 56'30		min. Earth dist.		-4845 Dec 27 j 00:56	24° R 42'04	0.62535 AU
desc. node	-4845 Feb 02 j 14:50	10° S 35'52		morning rise		-4845 Dec 30 j 12:47	21° R 36'54	
morning max el	-4845 Feb 07 j 06:53	14° S 35'05	27°23'59	direct		-4844 Jan 06 j 14:48	18° R 58'25	
	-4845 Feb 19 j 18:39	0° Z		desc. node		-4844 Jan 20 j 11:53	26° R 40'42	
				morning max el		-4844 Jan 20 j 11:44	26° R 40'19	27°41'46

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4844 Jan 23 j 15:43	0°♊		morning max el	-4843 Jan 01 j 20:30	9°♌19'33	27°24'08
	-4844 Feb 13 j 07:21	0°♊		desc. node	-4843 Jan 06 j 08:54	14°♌12'41	
morning set	-4844 Feb 23 j 02:15	18°♊30'01			-4843 Jan 18 j 02:45	0°♊	
	-4844 Feb 28 j 14:26	0°♊			-4843 Feb 04 j 14:10	0°♊	
max. Earth dist.	-4844 Feb 28 j 18:31	0°♊21'54	1.32982 AU	morning set	-4843 Feb 05 j 21:31	2°♊32'52	
				max. Earth dist.	-4843 Feb 10 j 20:46	12°♊36'21	1.33719 AU
superior conj	-4844 Mar 01 j 13:02	4°♊10'45	-0°38'28				
minimum elong	-4844 Mar 01 j 14:43	4°♊19'51	0°38'20	superior conj	-4843 Feb 13 j 19:27	18°♊47'42	-1°01'58
asc. node	-4844 Mar 05 j 08:06	12°♊24'04		minimum elong	-4843 Feb 13 j 22:00	19°♊01'11	1°01'45
evening rise	-4844 Mar 08 j 14:07	19°♊20'47			-4843 Feb 19 j 01:29	0°♊	
	-4844 Mar 13 j 20:26	0°♊		asc. node	-4843 Feb 20 j 05:06	2°♊26'11	
evening max el	-4844 Apr 02 j 00:02	28°♊04'05	24°00'08	evening rise	-4843 Feb 21 j 01:13	4°♊11'52	
	-4844 Apr 04 j 04:05	0°♊			-4843 Mar 07 j 08:18	0°♊	
retrograde	-4844 Apr 15 j 18:22	4°♊56'48		evening max el	-4843 Mar 14 j 17:34	8°♊48'44	22°25'58
desc. node	-4844 Apr 17 j 10:34	4°♊50'28		retrograde	-4843 Mar 27 j 15:01	15°♊05'33	
evening set	-4844 Apr 19 j 21:46	4°♊18'48		evening set	-4843 Mar 30 j 15:16	14°♊45'36	
min. Earth dist.	-4844 Apr 26 j 11:48	1°♊09'53	0.56394 AU	desc. node	-4843 Apr 04 j 07:45	13°♊04'55	
	-4844 Apr 28 j 09:12	30°♊		min. Earth dist.	-4843 Apr 08 j 02:00	11°♊04'38	0.55381 AU
inferior conj	-4844 Apr 28 j 20:52	29°♊41'53	-2°52'12	inferior conj	-4843 Apr 08 j 23:19	10°♊34'18	-1°15'45
minimum elong	-4844 Apr 28 j 15:12	29°♊50'41	2°50'47	minimum elong	-4843 Apr 08 j 19:56	10°♊39'06	1°14'43
morning rise	-4844 May 07 j 11:36	25°♊39'23		morning rise	-4843 Apr 18 j 02:20	6°♊36'24	
direct	-4844 May 09 j 22:23	25°♊23'41		direct	-4843 Apr 20 j 15:56	6°♊21'16	
	-4844 May 19 j 19:27	0°♊		morning max el	-4843 May 02 j 04:59	11°♊46'27	21°04'04
morning max el	-4844 May 19 j 18:47	29°♊58'27	19°47'45		-4843 May 15 j 05:03	0°♊	
asc. node	-4844 Jun 01 j 07:56	18°♊05'22		asc. node	-4843 May 19 j 04:54	7°♊37'17	
morning set	-4844 Jun 06 j 12:17	28°♊11'00		morning set	-4843 May 21 j 19:23	12°♊53'25	
	-4844 Jun 07 j 09:55	0°♊					
superior conj	-4844 Jun 14 j 12:02	14°♊17'41	1°41'23	superior conj	-4843 May 29 j 08:00	28°♊30'40	1°27'42
minimum elong	-4844 Jun 14 j 09:52	14°♊06'55	1°41'24	minimum elong	-4843 May 29 j 05:17	28°♊16'42	1°27'30
max. Earth dist.	-4844 Jun 20 j 01:38	25°♊04'45	1.37105 AU	max. Earth dist.	-4843 May 30 j 01:25	0°♊	
	-4844 Jun 22 j 17:13	0°♊		evening rise	-4843 Jun 02 j 11:26	6°♊53'44	1.35491 AU
evening rise	-4844 Jun 23 j 23:47	2°♊18'57			-4843 Jun 06 j 20:29	15°♊22'28	
	-4844 Jul 10 j 20:47	0°♊		desc. node	-4843 Jun 15 j 00:12	0°♊	
desc. node	-4844 Jul 14 j 09:07	5°♊05'56			-4843 Jul 01 j 06:11	24°♊42'22	
evening max el	-4844 Jul 29 j 21:29	24°♊13'04	25°32'47	evening max el	-4843 Jul 05 j 09:25	0°♊	
	-4844 Aug 06 j 10:05	0°♊		retrograde	-4843 Jul 12 j 08:22	7°♊42'03	26°34'07
retrograde	-4844 Aug 11 j 00:07	1°♊12'51		evening set	-4843 Jul 25 j 05:30	14°♊59'22	
	-4844 Aug 15 j 04:21	30°♊		min. Earth dist.	-4843 Jul 31 j 20:09	12°♊12'45	
evening set	-4844 Aug 17 j 01:24	28°♊37'06		inferior conj	-4843 Aug 04 j 20:24	7°♊59'47	0.65925 AU
min. Earth dist.	-4844 Aug 21 j 09:42	23°♊45'35	0.66760 AU	minimum elong	-4843 Aug 06 j 11:01	6°♊02'35	-2°41'01
inferior conj	-4844 Aug 22 j 11:41	22°♊21'37	-1°53'28	morning rise	-4843 Aug 06 j 14:22	5°♊52'27	2°39'42
minimum elong	-4844 Aug 22 j 14:13	22°♊13'25	1°52'18		-4843 Aug 12 j 08:51	0°♊16'41	
morning rise	-4844 Aug 28 j 03:05	16°♊23'29		direct	-4843 Aug 12 j 21:36	30°♊	
asc. node	-4844 Aug 28 j 07:19	16°♊16'45		asc. node	-4843 Aug 15 j 10:05	29°♊24'01	
direct	-4844 Aug 31 j 12:26	15°♊16'55			-4843 Aug 15 j 04:25	29°♊24'20	
morning max el	-4844 Sep 07 j 18:41	19°♊26'45	19°30'04	morning max el	-4843 Aug 17 j 23:53	0°♊	
	-4844 Sep 16 j 00:49	0°♊			-4843 Aug 22 j 04:16	3°♊10'05	18°42'06
morning set	-4844 Oct 01 j 22:22	24°♊17'38		morning set	-4843 Sep 09 j 12:29	0°♊	
	-4844 Oct 05 j 14:06	0°♊		desc. node	-4843 Sep 11 j 21:29	3°♊49'00	
desc. node	-4844 Oct 10 j 08:51	7°♊29'29			-4843 Sep 27 j 05:43	28°♊12'16	
max. Earth dist.	-4844 Oct 15 j 07:53	15°♊19'00	1.44389 AU	superior conj	-4843 Sep 27 j 15:34	28°♊51'05	-0°02'36
superior conj	-4844 Oct 18 j 14:59	20°♊33'39	-0°50'31	minimum elong	-4843 Sep 27 j 15:14	28°♊49'46	0°02'25
minimum elong	-4844 Oct 18 j 09:12	20°♊10'35	0°49'47	behind sun begin	-4843 Sep 27 j 03:54	28°♊05'06	
	-4844 Oct 24 j 11:32	0°♊		behind sun end	-4843 Sep 28 j 02:34	29°♊34'27	
evening rise	-4844 Nov 02 j 00:09	14°♊03'13		max. Earth dist.	-4843 Sep 28 j 01:21	29°♊29'39	1.44796 AU
	-4844 Nov 11 j 15:09	0°♊			-4843 Sep 28 j 09:03	0°♊	
evening max el	-4844 Nov 21 j 02:47	13°♊10'55	18°26'19	evening rise	-4843 Oct 13 j 17:36	24°♊18'36	
asc. node	-4844 Nov 24 j 06:02	15°♊45'33			-4843 Oct 17 j 07:09	0°♊	
retrograde	-4844 Nov 27 j 17:13	16°♊49'22		evening max el	-4843 Nov 04 j 13:37	26°♊36'29	19°00'51
evening set	-4844 Nov 30 j 15:19	16°♊02'47			-4843 Nov 09 j 00:45	0°♊	
inferior conj	-4844 Dec 06 j 16:19	10°♊30'52	3°27'12	retrograde	-4843 Nov 11 j 11:38	0°♊33'04	
minimum elong	-4844 Dec 06 j 13:09	10°♊39'55	3°26'21	asc. node	-4843 Nov 11 j 03:11	0°♊32'22	
min. Earth dist.	-4844 Dec 08 j 18:38	8°♊06'45	0.64171 AU		-4843 Nov 13 j 21:05	30°♊	
morning rise	-4844 Dec 12 j 10:31	4°♊28'52		evening set	-4843 Nov 14 j 15:43	29°♊35'09	
direct	-4844 Dec 19 j 08:37	1°♊38'49		inferior conj	-4843 Nov 20 j 09:46	23°♊47'30	2°49'01
				minimum elong	-4843 Nov 20 j 06:35	23°♊57'22	2°47'58

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

min. Earth dist.	-4843 Nov 21 j 21:59	21° Ω 54'52	0.65468 AU	morning rise	-4842 Nov 09 j 17:03	0° Ω 59'45	
morning rise	-4843 Nov 25 j 21:07	17° Ω 38'07			-4842 Nov 10 j 23:07	30° \mathbb{R} \mathbb{M}	
direct	-4843 Dec 02 j 09:03	14° Ω 50'13		direct	-4842 Nov 15 j 15:14	28° \mathbb{M} 24'22	
morning max el	-4843 Dec 15 j 06:21	22° Ω 20'39	26°36'05		-4842 Nov 20 j 19:59	0° Ω	
	-4843 Dec 22 j 01:30	0° \mathbb{M}		morning max el	-4842 Nov 27 j 15:24	5° Ω 31'09	25°25'51
desc. node	-4843 Dec 24 j 05:54	2° \mathbb{M} 46'17		desc. node	-4842 Dec 11 j 02:50	22° Ω 02'59	
	-4842 Jan 11 j 08:09	0° \mathbb{X}			-4842 Dec 16 j 14:51	0° \mathbb{M}	
morning set	-4842 Jan 20 j 05:21	15° \mathbb{X} 56'30		morning set	-4841 Jan 02 j 20:59	28° \mathbb{M} 26'39	
max. Earth dist.	-4842 Jan 24 j 12:05	24° \mathbb{X} 14'56	1.34890 AU		-4841 Jan 03 j 17:32	0° \mathbb{X}	
	-4842 Jan 27 j 08:35	0° \mathbb{Z}		max. Earth dist.	-4841 Jan 06 j 15:45	5° \mathbb{X} 25'35	1.36497 AU
superior conj	-4842 Jan 28 j 20:13	3° \mathbb{Z} 02'50	-1°23'03	superior conj	-4841 Jan 12 j 12:35	16° \mathbb{X} 48'00	-1°40'06
minimum elong	-4842 Jan 28 j 23:13	3° \mathbb{Z} 18'18	1°22'55	minimum elong	-4841 Jan 12 j 15:20	17° \mathbb{X} 01'42	1°40'07
evening rise	-4842 Feb 05 j 10:06	18° \mathbb{Z} 50'25			-4841 Jan 19 j 01:15	0° \mathbb{Z}	
asc. node	-4842 Feb 07 j 02:08	22° \mathbb{Z} 15'21		evening rise	-4841 Jan 20 j 14:48	3° \mathbb{Z} 10'23	
	-4842 Feb 11 j 00:52	0° \approx		asc. node	-4841 Jan 24 j 23:12	11° \mathbb{Z} 46'10	
evening max el	-4842 Feb 24 j 18:24	19° \approx 54'08	20°58'53		-4841 Feb 05 j 16:40	0° \approx	
retrograde	-4842 Mar 08 j 04:55	25° \approx 20'53		evening max el	-4841 Feb 07 j 05:36	1° \approx 34'16	19°47'02
evening set	-4842 Mar 10 j 15:15	25° \approx 07'02		retrograde	-4841 Feb 16 j 23:34	6° \approx 11'05	
inferior conj	-4842 Mar 19 j 18:47	21° \approx 08'41	0°39'53	evening set	-4841 Feb 19 j 08:00	5° \approx 56'12	
minimum elong	-4842 Mar 19 j 20:35	21° \approx 06'07	0°39'05	inferior conj	-4841 Feb 27 j 21:22	1° \approx 53'50	2°22'37
min. Earth dist.	-4842 Mar 20 j 16:19	20° \approx 37'54	0.55261 AU	minimum elong	-4841 Feb 28 j 02:23	1° \approx 45'58	2°20'58
desc. node	-4842 Mar 22 j 04:57	19° \approx 46'31		min. Earth dist.	-4841 Mar 02 j 06:51	0° \approx 24'14	0.56055 AU
morning rise	-4842 Mar 29 j 01:10	16° \approx 57'18			-4841 Mar 02 j 22:55	30° \mathbb{R} \mathbb{Z}	
direct	-4842 Apr 01 j 04:01	16° \approx 36'03		morning rise	-4841 Mar 08 j 18:22	27° \mathbb{Z} 15'45	
morning max el	-4842 Apr 14 j 04:41	22° \approx 54'19	22°35'50	desc. node	-4841 Mar 09 j 02:07	27° \mathbb{Z} 10'00	
	-4842 Apr 20 j 09:51	0° \mathbb{X}		direct	-4841 Mar 12 j 23:25	26° \mathbb{Z} 36'09	
morning set	-4842 May 06 j 05:54	27° \mathbb{X} 48'45			-4841 Mar 22 j 12:56	0° \approx	
asc. node	-4842 May 06 j 01:51	27° \mathbb{X} 27'38		morning max el	-4841 Mar 26 j 21:06	3° \approx 35'02	24°14'32
	-4842 May 07 j 06:59	0° \mathbb{Y}			-4841 Apr 14 j 07:25	0° \mathbb{X}	
superior conj	-4842 May 13 j 11:17	13° \mathbb{Y} 07'23	1°09'34	morning set	-4841 Apr 20 j 18:04	12° \mathbb{X} 51'23	
minimum elong	-4842 May 13 j 08:42	12° \mathbb{Y} 53'44	1°09'12	asc. node	-4841 Apr 22 j 22:49	17° \mathbb{X} 31'08	
max. Earth dist.	-4842 May 16 j 07:03	19° \mathbb{Y} 02'38	1.34236 AU	superior conj	-4841 Apr 27 j 19:22	28° \mathbb{X} 00'02	0°48'19
evening rise	-4842 May 21 j 07:34	29° \mathbb{Y} 11'06		minimum elong	-4841 Apr 27 j 17:23	27° \mathbb{X} 49'20	0°47'54
	-4842 May 21 j 17:34	0° \mathbb{Z}			-4841 Apr 28 j 17:39	0° \mathbb{Y}	
	-4842 Jun 08 j 02:55	0° \mathbb{I}		max. Earth dist.	-4841 Apr 29 j 12:02	1° \mathbb{Y} 38'33	1.33354 AU
desc. node	-4842 Jun 18 j 03:20	13° \mathbb{I} 41'15		evening rise	-4841 May 05 j 04:55	13° \mathbb{Y} 32'19	
evening max el	-4842 Jun 24 j 19:33	21° \mathbb{I} 01'34	27°13'50		-4841 May 13 j 21:10	0° \mathbb{Z}	
retrograde	-4842 Jul 08 j 05:38	28° \mathbb{I} 26'21			-4841 Jun 03 j 09:24	0° \mathbb{I}	
evening set	-4842 Jul 15 j 05:48	25° \mathbb{I} 39'03		desc. node	-4841 Jun 05 j 00:30	1° \mathbb{I} 46'41	
min. Earth dist.	-4842 Jul 18 j 23:24	22° \mathbb{I} 03'09	0.64709 AU	evening max el	-4841 Jun 07 j 05:29	4° \mathbb{I} 00'24	27°25'11
inferior conj	-4842 Jul 21 j 03:50	19° \mathbb{I} 37'02	-3°22'33	retrograde	-4841 Jun 20 j 23:45	11° \mathbb{I} 25'23	
minimum elong	-4842 Jul 21 j 07:25	19° \mathbb{I} 27'00	3°21'25	evening set	-4841 Jun 28 j 02:56	8° \mathbb{I} 50'33	
morning rise	-4842 Jul 27 j 09:37	14° \mathbb{I} 06'20		min. Earth dist.	-4841 Jul 01 j 17:08	5° \mathbb{I} 45'33	0.63125 AU
direct	-4842 Jul 30 j 05:01	13° \mathbb{I} 24'28		inferior conj	-4841 Jul 04 j 11:22	2° \mathbb{I} 59'38	-3°54'39
asc. node	-4842 Aug 02 j 01:30	14° \mathbb{I} 07'11		minimum elong	-4841 Jul 04 j 14:20	2° \mathbb{I} 52'10	3°53'58
morning max el	-4842 Aug 05 j 17:40	16° \mathbb{I} 55'16	18°10'53		-4841 Jul 07 j 15:46	30° \mathbb{R} \mathbb{Z}	
	-4842 Aug 15 j 04:30	0° \mathbb{Z}		morning rise	-4841 Jul 11 j 02:43	27° \mathbb{Z} 47'01	
morning set	-4842 Aug 23 j 23:46	14° \mathbb{Z} 38'15		direct	-4841 Jul 13 j 18:24	27° \mathbb{Z} 13'23	
	-4842 Sep 02 j 06:22	0° \mathbb{Q}		asc. node	-4841 Jul 19 j 22:33	0° \mathbb{I} 13'44	
					-4841 Jul 19 j 16:35	0° \mathbb{I}	
superior conj	-4842 Sep 06 j 20:31	7° \mathbb{Q} 25'17	0°44'43	morning max el	-4841 Jul 20 j 08:23	0° \mathbb{I} 37'26	17°57'28
minimum elong	-4842 Sep 07 j 01:30	7° \mathbb{Q} 45'16	0°44'20	morning set	-4841 Aug 06 j 02:17	26° \mathbb{I} 36'54	
max. Earth dist.	-4842 Sep 10 j 18:40	13° \mathbb{Q} 40'38	1.44479 AU		-4841 Aug 08 j 00:33	0° \mathbb{Z}	
desc. node	-4842 Sep 14 j 02:38	18° \mathbb{Q} 56'20		superior conj	-4841 Aug 18 j 00:18	17° \mathbb{Z} 07'50	1°20'38
	-4842 Sep 21 j 04:25	0° \mathbb{M}		minimum elong	-4841 Aug 18 j 06:00	17° \mathbb{Z} 31'40	1°20'19
evening rise	-4842 Sep 23 j 10:49	3° \mathbb{M} 31'18		max. Earth dist.	-4841 Aug 24 j 09:24	27° \mathbb{Z} 36'13	1.43488 AU
greatest brilliancy	-4842 Oct 06 j 06:57	23° \mathbb{M} 13'02	-0.7m		-4841 Aug 25 j 21:09	0° \mathbb{Q}	
	-4842 Oct 10 j 21:57	0° Ω					
evening max el	-4842 Oct 18 j 20:20	10° Ω 03'14	19°51'30	desc. node	-4841 Aug 31 j 23:34	9° \mathbb{Q} 38'42	
retrograde	-4842 Oct 26 j 08:26	14° Ω 25'50		evening rise	-4841 Sep 02 j 14:40	12° \mathbb{Q} 10'46	
asc. node	-4842 Oct 29 j 00:21	13° Ω 44'34			-4841 Sep 14 j 08:19	0° \mathbb{M}	
evening set	-4842 Oct 29 j 20:44	13° Ω 13'53		evening max el	-4841 Oct 01 j 21:20	23° \mathbb{M} 29'37	20°55'58
inferior conj	-4842 Nov 04 j 09:37	7° Ω 13'44	2°03'38	retrograde	-4841 Oct 10 j 05:24	28° \mathbb{M} 25'07	
minimum elong	-4842 Nov 04 j 07:01	7° Ω 22'17	2°02'42	evening set	-4841 Oct 14 j 04:13	26° \mathbb{M} 56'21	
min. Earth dist.	-4842 Nov 05 j 09:06	5° Ω 56'21	0.66418 AU	asc. node	-4841 Oct 15 j 21:31	25° \mathbb{M} 22'41	

































































































































Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

inferior conj	-4841 Oct 19 j 13:34	20° \mathbb{M} 46'54	1°13'44	min. Earth dist.	-4840 Oct 02 j 21:16	4° \mathbb{M} 19'40	0.67347 AU
minimum elong	-4841 Oct 19 j 11:55	20° \mathbb{M} 52'31	1°13'08		-4840 Oct 06 j 05:33	30° \mathbb{R} \mathcal{Q}	
min. Earth dist.	-4841 Oct 20 j 01:40	20° \mathbb{M} 05'41	0.67039 AU	morning rise	-4840 Oct 08 j 02:00	28° \mathcal{Q} 10'18	
morning rise	-4841 Oct 24 j 19:27	14° \mathbb{M} 31'05		direct	-4840 Oct 12 j 18:05	26° \mathcal{Q} 15'09	
direct	-4841 Oct 30 j 02:30	12° \mathbb{M} 14'36			-4840 Oct 20 j 07:32	0° \mathbb{M}	
morning max el	-4841 Nov 10 j 00:10	18° \mathbb{M} 45'05	24°03'00	morning max el	-4840 Oct 22 j 11:17	2° \mathbb{M} 02'44	22°37'01
	-4841 Nov 19 j 11:54	0° \mathcal{A}			-4840 Nov 12 j 12:53	0° \mathcal{A}	
desc. node	-4841 Nov 27 j 23:45	11° \mathcal{A} 50'15		desc. node	-4840 Nov 13 j 20:38	1° \mathcal{A} 59'17	
	-4841 Dec 09 j 18:03	0° \mathbb{M}		morning set	-4840 Nov 25 j 04:14	19° \mathcal{A} 44'40	
morning set	-4841 Dec 15 j 14:22	9° \mathbb{M} 46'31		max. Earth dist.	-4840 Nov 30 j 10:05	28° \mathcal{A} 28'30	1.40511 AU
max. Earth dist.	-4841 Dec 19 j 12:28	16° \mathbb{M} 38'14	1.38449 AU		-4840 Dec 01 j 07:33	0° \mathbb{M}	
superior conj	-4841 Dec 26 j 16:50	29° \mathbb{M} 52'21	-1°50'51	superior conj	-4840 Dec 08 j 04:09	12° \mathbb{M} 03'24	-1°52'20
minimum elong	-4841 Dec 26 j 18:16	29° \mathbb{M} 59'14	1°51'01	minimum elong	-4840 Dec 08 j 02:59	11° \mathbb{M} 58'06	1°52'27
	-4841 Dec 26 j 18:26	0° \mathcal{A}			-4840 Dec 17 j 19:51	0° \mathcal{A}	
evening rise	-4840 Jan 04 j 12:56	17° \mathcal{A} 04'55		evening rise	-4840 Dec 18 j 01:40	0° \mathcal{A} 27'27	
	-4840 Jan 11 j 08:38	0° \mathcal{B}		asc. node	-4840 Dec 28 j 17:23	19° \mathcal{A} 22'44	
asc. node	-4840 Jan 11 j 20:17	0° \mathcal{B} 51'23		evening max el	-4839 Jan 03 j 07:48	26° \mathcal{A} 31'00	18°21'02
evening max el	-4840 Jan 21 j 02:45	13° \mathcal{B} 48'26	18°54'01		-4839 Jan 09 j 04:49	0° \mathcal{B}	
retrograde	-4840 Jan 29 j 09:58	17° \mathcal{B} 47'45		retrograde	-4839 Jan 10 j 15:03	0° \mathcal{B} 08'16	
evening set	-4840 Jan 31 j 20:46	17° \mathcal{B} 28'20			-4839 Jan 12 j 01:45	30° \mathbb{R} \mathcal{A}	
inferior conj	-4840 Feb 08 j 17:12	13° \mathcal{B} 09'38	3°30'39	evening set	-4839 Jan 13 j 04:25	29° \mathcal{A} 42'49	
minimum elong	-4840 Feb 08 j 21:24	13° \mathcal{B} 02'02	3°29'40	inferior conj	-4839 Jan 20 j 09:25	25° \mathcal{A} 03'05	4°01'37
min. Earth dist.	-4840 Feb 11 j 22:19	10° \mathcal{B} 51'37	0.57572 AU	minimum elong	-4839 Jan 20 j 10:48	25° \mathcal{A} 00'12	4°01'18
morning rise	-4840 Feb 16 j 19:35	8° \mathcal{B} 03'10		min. Earth dist.	-4839 Jan 23 j 17:42	22° \mathcal{A} 15'49	0.59483 AU
direct	-4840 Feb 22 j 06:57	6° \mathcal{B} 51'20		morning rise	-4839 Jan 27 j 15:19	19° \mathcal{A} 33'54	
desc. node	-4840 Feb 23 j 23:15	6° \mathcal{B} 58'09		direct	-4839 Feb 03 j 02:33	17° \mathcal{A} 42'59	
morning max el	-4840 Mar 07 j 12:10	14° \mathcal{B} 13'22	25°46'48	desc. node	-4839 Feb 09 j 20:21	19° \mathcal{A} 34'58	
	-4840 Mar 20 j 00:30	0° \mathcal{A}		morning max el	-4839 Feb 17 j 07:39	25° \mathcal{A} 17'16	26°57'33
morning set	-4840 Apr 04 j 06:05	27° \mathcal{A} 54'01			-4839 Feb 21 j 16:56	0° \mathcal{B}	
	-4840 Apr 05 j 05:59	0° \mathcal{H}			-4839 Mar 13 j 05:03	0° \mathcal{A}	
asc. node	-4840 Apr 08 j 19:48	7° \mathcal{H} 42'04		morning set	-4839 Mar 19 j 16:15	12° \mathcal{A} 50'15	
superior conj	-4840 Apr 11 j 06:08	13° \mathcal{H} 00'19	0°25'00	superior conj	-4839 Mar 26 j 17:53	28° \mathcal{A} 02'11	0°00'29
minimum elong	-4840 Apr 11 j 05:04	12° \mathcal{H} 54'26	0°24'40	minimum elong	-4839 Mar 26 j 17:52	28° \mathcal{A} 02'06	0°00'20
max. Earth dist.	-4840 Apr 11 j 23:11	14° \mathcal{H} 33'17	1.32817 AU	behind sun begin	-4839 Mar 26 j 12:52	27° \mathcal{A} 34'48	
evening rise	-4840 Apr 18 j 09:08	28° \mathcal{H} 14'00		behind sun end	-4839 Mar 26 j 22:51	28° \mathcal{A} 29'25	
	-4840 Apr 19 j 05:47	0° \mathcal{Y}		max. Earth dist.	-4839 Mar 26 j 12:45	27° \mathcal{A} 34'08	1.32609 AU
	-4840 May 06 j 05:00	0° \mathcal{B}		asc. node	-4839 Mar 26 j 16:46	27° \mathcal{A} 56'06	
evening max el	-4840 May 19 j 11:25	16° \mathcal{B} 24'50	27°04'11		-4839 Mar 27 j 15:25	0° \mathcal{H}	
desc. node	-4840 May 21 j 21:41	18° \mathcal{B} 35'14		evening rise	-4839 Apr 02 j 17:45	13° \mathcal{H} 07'30	
retrograde	-4840 Jun 02 j 10:43	23° \mathcal{B} 47'07			-4839 Apr 11 j 09:00	0° \mathcal{Y}	
evening set	-4840 Jun 09 j 07:31	21° \mathcal{B} 38'24		evening max el	-4839 May 01 j 11:14	28° \mathcal{Y} 07'10	26°11'07
min. Earth dist.	-4840 Jun 13 j 00:53	18° \mathcal{B} 52'31	0.61232 AU		-4839 May 03 j 13:16	0° \mathcal{B}	
inferior conj	-4840 Jun 16 j 06:19	16° \mathcal{B} 01'52	-4°12'09	desc. node	-4839 May 08 j 18:52	3° \mathcal{B} 36'02	
minimum elong	-4840 Jun 16 j 07:25	15° \mathcal{B} 59'26	4°11'56	retrograde	-4839 May 15 j 13:23	5° \mathcal{B} 25'04	
morning rise	-4840 Jun 23 j 08:57	11° \mathcal{B} 09'58		evening set	-4839 May 21 j 15:52	3° \mathcal{B} 52'43	
direct	-4840 Jun 25 j 22:29	10° \mathcal{B} 42'48		min. Earth dist.	-4839 May 25 j 23:58	1° \mathcal{B} 09'33	0.59193 AU
morning max el	-4840 Jul 02 j 21:43	14° \mathcal{B} 09'45	18°02'48		-4839 May 27 j 12:53	30° \mathbb{R} \mathcal{Y}	
asc. node	-4840 Jul 05 j 19:34	17° \mathcal{B} 27'47		inferior conj	-4839 May 29 j 09:00	28° \mathcal{Y} 34'38	-4°07'27
	-4840 Jul 13 j 18:10	0° \mathbb{I}		minimum elong	-4839 May 29 j 07:02	28° \mathcal{Y} 38'26	4°07'13
morning set	-4840 Jul 18 j 23:33	9° \mathbb{I} 29'56		morning rise	-4839 Jun 06 j 00:43	24° \mathcal{Y} 04'36	
				direct	-4839 Jun 08 j 12:49	23° \mathcal{Y} 42'51	
superior conj	-4840 Jul 29 j 07:41	28° \mathbb{I} 12'37	1°41'37	morning max el	-4839 Jun 16 j 06:52	27° \mathcal{Y} 24'43	18°27'39
minimum elong	-4840 Jul 29 j 11:01	28° \mathbb{I} 27'16	1°41'41		-4839 Jun 18 j 16:25	0° \mathcal{B}	
	-4840 Jul 30 j 08:14	0° \mathcal{B}		asc. node	-4839 Jun 22 j 16:34	5° \mathcal{B} 34'49	
max. Earth dist.	-4840 Aug 05 j 19:07	10° \mathcal{B} 59'28	1.41949 AU	morning set	-4839 Jul 02 j 10:40	23° \mathcal{B} 04'50	
evening rise	-4840 Aug 12 j 01:03	21° \mathcal{B} 09'50			-4839 Jul 06 j 01:16	0° \mathbb{I}	
desc. node	-4840 Aug 17 j 20:34	0° \mathcal{Q} 15'59					
	-4840 Aug 17 j 16:24	0° \mathcal{Q}		superior conj	-4839 Jul 11 j 14:53	10° \mathbb{I} 29'26	1°49'16
	-4840 Sep 07 j 16:11	0° \mathbb{M}		minimum elong	-4839 Jul 11 j 15:26	10° \mathbb{I} 31'57	1°49'30
evening max el	-4840 Sep 13 j 16:00	6° \mathbb{M} 54'45	22°10'56	max. Earth dist.	-4839 Jul 18 j 22:54	23° \mathbb{I} 38'12	1.40081 AU
retrograde	-4840 Sep 23 j 00:48	12° \mathbb{M} 28'28			-4839 Jul 22 j 16:24	0° \mathcal{B}	
evening set	-4840 Sep 27 j 12:15	10° \mathbb{M} 40'36		evening rise	-4839 Jul 23 j 09:51	1° \mathcal{B} 12'58	
asc. node	-4840 Oct 01 j 18:38	5° \mathbb{M} 51'06		desc. node	-4839 Aug 04 j 17:34	20° \mathcal{B} 43'50	
inferior conj	-4840 Oct 02 j 19:41	4° \mathbb{M} 25'08	0°21'20		-4839 Aug 11 j 01:35	0° \mathcal{Q}	
minimum elong	-4840 Oct 02 j 19:11	4° \mathbb{M} 26'51	0°21'15	evening max el	-4839 Aug 27 j 05:23	20° \mathcal{Q} 19'29	23°31'29

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

retrograde	-4839 Sep 06 j 17:23	26° Ω 32'13		retrograde	-4838 Aug 21 j 06:09	10° Ω 33'20	
evening set	-4839 Sep 11 j 19:02	24° Ω 24'26		evening set	-4838 Aug 26 j 22:46	8° Ω 06'52	
min. Earth dist.	-4839 Sep 16 j 17:30	18° Ω 35'52	0.67357 AU	min. Earth dist.	-4838 Aug 31 j 12:00	2° Ω 53'34	0.67067 AU
inferior conj	-4839 Sep 17 j 02:09	18° Ω 06'12	-0°31'56	inferior conj	-4838 Sep 01 j 07:20	1° Ω 49'18	-1°24'21
minimum elong	-4839 Sep 17 j 02:53	18° Ω 03'41	0°31'26	minimum elong	-4838 Sep 01 j 09:16	1° Ω 42'55	1°23'22
asc. node	-4839 Sep 18 j 15:45	15° Ω 59'33			-4838 Sep 02 j 16:43	30° \mathbb{R} \mathfrak{E}	
morning rise	-4839 Sep 22 j 10:42	11° Ω 55'18		asc. node	-4838 Sep 05 j 12:51	26° \mathfrak{E} 48'30	
direct	-4839 Sep 26 j 13:11	10° Ω 20'57		morning rise	-4838 Sep 06 j 19:46	25° \mathfrak{E} 45'22	
morning max el	-4839 Oct 05 j 03:40	15° Ω 26'04	21°15'38	direct	-4838 Sep 10 j 10:40	24° \mathfrak{E} 29'31	
	-4839 Oct 16 j 16:04	0° \mathbb{M}		morning max el	-4838 Sep 18 j 03:03	28° \mathfrak{E} 57'36	20°04'37
desc. node	-4839 Oct 31 j 17:30	22° \mathbb{M} 23'02			-4838 Sep 19 j 02:34	0° Ω	
morning set	-4839 Nov 04 j 15:14	28° \mathbb{M} 27'44			-4838 Oct 10 j 05:49	0° \mathbb{M}	
	-4839 Nov 05 j 14:41	0° \mathfrak{L}		morning set	-4838 Oct 14 j 13:48	6° \mathbb{M} 41'10	
max. Earth dist.	-4839 Nov 12 j 13:30	11° \mathfrak{L} 09'52	1.42390 AU	desc. node	-4838 Oct 18 j 14:23	12° \mathbb{M} 57'04	
				max. Earth dist.	-4838 Oct 25 j 23:45	24° \mathbb{M} 37'35	1.43833 AU
					-4838 Oct 29 j 07:58	0° \mathfrak{L}	
superior conj	-4839 Nov 19 j 16:44	23° \mathfrak{L} 06'00	-1°40'55	superior conj	-4838 Oct 31 j 02:04	2° \mathfrak{L} 50'57	-1°13'31
minimum elong	-4839 Nov 19 j 12:04	22° \mathfrak{L} 46'05	1°40'40	minimum elong	-4838 Oct 30 j 19:23	2° \mathfrak{L} 23'42	1°12'49
	-4839 Nov 23 j 16:21	0° \mathbb{M}		evening rise	-4838 Nov 13 j 07:23	25° \mathfrak{L} 00'55	
evening rise	-4839 Dec 01 j 01:17	13° \mathbb{M} 09'08			-4838 Nov 16 j 05:00	0° \mathbb{M}	
	-4839 Dec 10 j 16:01	0° \mathfrak{J}		evening max el	-4838 Dec 01 j 06:40	22° \mathbb{M} 50'12	18°14'26
asc. node	-4839 Dec 15 j 14:28	7° \mathfrak{J} 09'16		asc. node	-4838 Dec 02 j 11:35	23° \mathbb{M} 58'05	
evening max el	-4839 Dec 17 j 18:02	9° \mathfrak{J} 33'52	18°08'05	retrograde	-4838 Dec 07 j 20:01	26° \mathbb{M} 22'06	
retrograde	-4839 Dec 24 j 11:50	13° \mathfrak{J} 02'46		evening set	-4838 Dec 10 j 15:30	25° \mathbb{M} 41'10	
evening set	-4839 Dec 27 j 03:49	12° \mathfrak{J} 30'14		inferior conj	-4838 Dec 16 j 21:26	20° \mathbb{M} 20'03	3°44'31
inferior conj	-4838 Jan 02 j 20:03	7° \mathfrak{J} 29'08	4°03'18	minimum elong	-4838 Dec 16 j 18:40	20° \mathbb{M} 27'32	3°43'53
minimum elong	-4838 Jan 02 j 18:49	7° \mathfrak{J} 32'06	4°03'00	min. Earth dist.	-4838 Dec 19 j 08:19	17° \mathbb{M} 41'05	0.63272 AU
min. Earth dist.	-4838 Jan 05 j 20:20	4° \mathfrak{J} 35'50	0.61464 AU	morning rise	-4838 Dec 22 j 21:09	14° \mathbb{M} 23'26	
morning rise	-4838 Jan 09 j 08:36	1° \mathfrak{J} 43'55		direct	-4838 Dec 29 j 22:36	11° \mathbb{M} 37'47	
	-4838 Jan 12 j 14:53	30° \mathbb{R} \mathbb{M}		morning max el	-4837 Jan 12 j 16:12	19° \mathbb{M} 20'39	27°38'15
direct	-4838 Jan 16 j 08:27	29° \mathbb{M} 18'52		desc. node	-4837 Jan 14 j 14:24	21° \mathbb{M} 19'20	
	-4838 Jan 20 j 05:39	0° \mathfrak{J}			-4837 Jan 21 j 19:48	0° \mathfrak{J}	
desc. node	-4838 Jan 27 j 17:23	4° \mathfrak{J} 34'04			-4837 Feb 09 j 18:16	0° \mathfrak{Z}	
morning max el	-4838 Jan 30 j 09:27	7° \mathfrak{J} 00'03	27°35'58	morning set	-4837 Feb 15 j 22:44	11° \mathfrak{Z} 53'03	
	-4838 Feb 16 j 21:25	0° \mathfrak{Z}		max. Earth dist.	-4837 Feb 21 j 07:37	22° \mathfrak{Z} 58'01	1.33241 AU
morning set	-4838 Mar 03 j 22:35	27° \mathfrak{Z} 32'48		superior conj	-4837 Feb 23 j 13:39	27° \mathfrak{Z} 46'18	-0°48'38
	-4838 Mar 05 j 03:06	0° \approx		minimum elong	-4837 Feb 23 j 15:44	27° \mathfrak{Z} 57'28	0°48'28
max. Earth dist.	-4838 Mar 10 j 00:52	10° \approx 27'02	1.32737 AU		-4837 Feb 24 j 14:31	0° \approx	
				asc. node	-4837 Feb 28 j 10:45	8° \approx 16'34	
superior conj	-4838 Mar 11 j 04:57	12° \approx 59'37	-0°24'22	evening rise	-4837 Mar 02 j 16:20	13° \approx 01'02	
minimum elong	-4838 Mar 11 j 06:02	13° \approx 05'31	0°24'19		-4837 Mar 11 j 09:04	0° \mathfrak{H}	
asc. node	-4838 Mar 13 j 13:45	18° \approx 09'05		evening max el	-4837 Mar 25 j 21:38	19° \mathfrak{H} 57'29	23°20'00
evening rise	-4838 Mar 18 j 04:45	28° \approx 05'26		retrograde	-4837 Apr 08 j 09:18	26° \mathfrak{H} 37'01	
	-4838 Mar 19 j 02:39	0° \mathfrak{Y}		evening set	-4837 Apr 11 j 23:36	26° \mathfrak{H} 08'42	
evening max el	-4838 Apr 05 j 07:39	0° \mathfrak{Y}		desc. node	-4837 Apr 12 j 13:13	25° \mathfrak{H} 59'17	
desc. node	-4838 Apr 13 j 05:22	9° \mathfrak{Y} 12'07	24°52'29	min. Earth dist.	-4837 Apr 19 j 08:50	22° \mathfrak{H} 47'40	0.55861 AU
retrograde	-4838 Apr 25 j 16:02	16° \mathfrak{Y} 12'49		inferior conj	-4837 Apr 21 j 04:06	21° \mathfrak{H} 43'40	-2°15'20
evening set	-4838 Apr 27 j 05:47	16° \mathfrak{Y} 18'36		minimum elong	-4837 Apr 20 j 22:50	21° \mathfrak{H} 51'28	2°13'51
min. Earth dist.	-4838 May 02 j 03:16	15° \mathfrak{Y} 23'38		morning rise	-4837 Apr 30 j 00:38	17° \mathfrak{H} 44'36	
inferior conj	-4838 May 07 j 17:39	12° \mathfrak{Y} 27'17	0.57285 AU	direct	-4837 May 02 j 11:40	17° \mathfrak{H} 29'42	
minimum elong	-4838 May 10 j 16:22	10° \mathfrak{Y} 29'54	-3°30'55	morning max el	-4837 May 13 j 01:28	22° \mathfrak{H} 25'24	20°17'56
morning rise	-4838 May 10 j 11:22	10° \mathfrak{Y} 38'15	3°29'55		-4837 May 19 j 09:49	0° \mathfrak{Y}	
morning set	-4838 May 18 j 22:39	6° \mathfrak{Y} 19'16		asc. node	-4837 May 27 j 10:33	13° \mathfrak{Y} 41'00	
direct	-4838 May 21 j 09:23	6° \mathfrak{Y} 01'58		morning set	-4837 May 31 j 12:05	21° \mathfrak{Y} 44'25	
morning max el	-4838 May 30 j 09:01	10° \mathfrak{Y} 13'27	19°12'42		-4837 Jun 04 j 12:52	0° \mathfrak{X}	
asc. node	-4838 Jun 09 j 13:33	24° \mathfrak{Y} 22'46		superior conj	-4837 Jun 08 j 06:34	7° \mathfrak{X} 37'20	1°36'14
	-4838 Jun 12 j 14:58	0° \mathfrak{X}		minimum elong	-4837 Jun 08 j 04:04	7° \mathfrak{X} 24'44	1°36'09
morning set	-4838 Jun 16 j 07:52	7° \mathfrak{X} 12'35		max. Earth dist.	-4837 Jun 13 j 05:19	17° \mathfrak{X} 23'53	1.36380 AU
				evening rise	-4837 Jun 17 j 07:26	25° \mathfrak{X} 06'14	
superior conj	-4838 Jun 24 j 16:14	23° \mathfrak{X} 42'52	1°46'33		-4837 Jun 20 j 00:18	0° \mathbb{I}	
minimum elong	-4838 Jun 24 j 14:46	23° \mathfrak{X} 35'46	1°46'41	desc. node	-4837 Jul 08 j 21:21	0° \mathfrak{E}	
	-4838 Jun 27 j 23:09	0° \mathbb{I}		evening max el	-4837 Jul 23 j 02:54	17° \mathfrak{E} 17'50	26°01'08
max. Earth dist.	-4838 Jul 01 j 00:08	5° \mathbb{I} 38'27	1.38147 AU	retrograde	-4837 Aug 04 j 14:18	24° \mathfrak{E} 26'20	
evening rise	-4838 Jul 04 j 21:15	12° \mathbb{I} 35'07					
	-4838 Jul 15 j 08:52	0° \mathfrak{E}					
desc. node	-4838 Jul 22 j 14:36	10° \mathfrak{E} 57'34					
	-4838 Aug 06 j 02:43	0° Ω					
evening max el	-4838 Aug 09 j 16:11	3° Ω 47'24	24°50'52				

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4837 Aug 10 j 21:26	21°  45'20		evening max el	-4836 Jul 04 j 14:16	0°  44'34	26°54'04
min. Earth dist.	-4837 Aug 15 j 02:18	17°  09'49	0.66447 AU	retrograde	-4836 Jul 17 j 17:16	8°  05'06	
inferior conj	-4837 Aug 16 j 09:23	15°  31'40	-2°14'14	evening set	-4836 Jul 24 j 12:39	5°  17'00	
minimum elong	-4837 Aug 16 j 12:19	15°  22'27	2°12'57	min. Earth dist.	-4836 Jul 28 j 09:57	1°  20'08	0.65461 AU
morning rise	-4837 Aug 22 j 03:19	9°  38'04			-4836 Jul 29 j 13:22	30°  R II	
asc. node	-4837 Aug 23 j 09:58	8°  59'47		inferior conj	-4836 Jul 30 j 06:16	29°  II 10'12	-2°59'33
direct	-4837 Aug 25 j 08:56	8°  37'42		minimum elong	-4836 Jul 30 j 09:47	28°  II 59'50	2°58'17
morning max el	-4837 Sep 01 j 09:14	12°  36'30	19°07'37	morning rise	-4836 Aug 05 j 07:16	23°  II 30'16	
	-4837 Sep 14 j 01:28	0°  Ω		direct	-4836 Aug 08 j 05:52	22°  II 42'22	
morning set	-4837 Sep 23 j 23:12	15°  Ω 31'09		asc. node	-4836 Aug 09 j 07:05	22°  II 48'26	
	-4837 Oct 03 j 04:03	0°  ♊		morning max el	-4836 Aug 14 j 20:41	26°  II 20'34	18°26'40
desc. node	-4837 Oct 05 j 11:17	3°  ♊ 37'23			-4836 Aug 17 j 23:56	0°  ♊	
max. Earth dist.	-4837 Oct 08 j 15:32	8°  ♊ 37'58	1.44650 AU	morning set	-4836 Sep 03 j 09:52	25°  ♊ 35'43	
					-4836 Sep 06 j 02:43	0°  Ω	
superior conj	-4837 Oct 10 j 10:33	11°  ♊ 28'00	-0°30'58	superior conj	-4836 Sep 18 j 09:58	19°  Ω 43'21	0°18'23
minimum elong	-4837 Oct 10 j 06:39	11°  ♊ 12'33	0°30'23	minimum elong	-4836 Sep 18 j 12:19	19°  Ω 52'41	0°18'15
	-4837 Oct 22 j 00:25	0°  ♊		max. Earth dist.	-4836 Sep 20 j 09:52	22°  Ω 52'41	1.44752 AU
evening rise	-4837 Oct 25 j 15:10	5°  ♊ 53'05		desc. node	-4836 Sep 21 j 08:11	24°  Ω 20'42	
	-4837 Nov 09 j 19:09	0°  ♊			-4836 Sep 24 j 22:24	0°  ♊	
evening max el	-4837 Nov 14 j 18:57	6°  ♊ 13'59	18°39'02	evening rise	-4836 Oct 04 j 21:45	15°  ♊ 40'06	
asc. node	-4837 Nov 19 j 08:42	9°  ♊ 34'02			-4836 Oct 14 j 01:15	0°  ♊	
retrograde	-4837 Nov 21 j 11:39	9°  ♊ 58'45		greatest brilliancy	-4836 Oct 14 j 22:13	1°  ♊ 21'18	-0.8m
evening set	-4837 Nov 24 j 12:08	9°  ♊ 07'33		evening max el	-4836 Oct 28 j 04:18	19°  ♊ 40'07	19°20'36
inferior conj	-4837 Nov 30 j 09:56	3°  ♊ 28'46	3°12'03	retrograde	-4836 Nov 04 j 07:23	23°  ♊ 46'35	
minimum elong	-4837 Nov 30 j 06:41	3°  ♊ 38'26	3°11'06	asc. node	-4836 Nov 05 j 05:52	23°  ♊ 41'31	
min. Earth dist.	-4837 Dec 02 j 06:10	1°  ♊ 17'19	0.64767 AU	evening set	-4836 Nov 07 j 14:48	22°  ♊ 42'49	
	-4837 Dec 03 j 09:21	30°  R ♊		inferior conj	-4836 Nov 13 j 06:24	16°  ♊ 49'19	2°30'27
morning rise	-4837 Dec 06 j 00:51	27°  ♊ 23'36		minimum elong	-4836 Nov 13 j 03:25	16°  ♊ 58'52	2°29'25
direct	-4837 Dec 12 j 19:26	24°  ♊ 32'49		min. Earth dist.	-4836 Nov 14 j 12:55	15°  ♊ 11'47	0.65911 AU
	-4837 Dec 23 j 18:03	0°  ♊		morning rise	-4836 Nov 18 j 15:47	10°  ♊ 37'53	
morning max el	-4837 Dec 26 j 01:30	2°  ♊ 10'00	27°06'59	direct	-4836 Nov 24 j 22:09	7°  ♊ 54'34	
desc. node	-4836 Jan 01 j 11:24	9°  ♊ 20'09		morning max el	-4836 Dec 07 j 11:07	15°  ♊ 15'54	26°08'32
	-4836 Jan 16 j 00:21	0°  ♊		desc. node	-4836 Dec 18 j 08:21	28°  ♊ 13'24	
morning set	-4836 Jan 30 j 13:42	25°  ♊ 41'11			-4836 Dec 19 j 15:44	0°  ♊	
	-4836 Feb 01 j 18:25	0°  ♊			-4835 Jan 07 j 19:27	0°  ♊	
max. Earth dist.	-4836 Feb 04 j 05:31	4°  ♊ 57'47	1.34162 AU	morning set	-4835 Jan 12 j 15:16	8°  ♊ 43'26	
				max. Earth dist.	-4835 Jan 16 j 16:01	16°  ♊ 23'26	1.35525 AU
superior conj	-4836 Feb 07 j 18:03	12°  ♊ 15'41	-1°11'16	superior conj	-4835 Jan 21 j 15:36	26°  ♊ 18'53	-1°30'53
minimum elong	-4836 Feb 07 j 20:51	12°  ♊ 30'23	1°11'05	minimum elong	-4835 Jan 21 j 18:36	26°  ♊ 34'09	1°30'48
evening rise	-4836 Feb 15 j 02:47	27°  ♊ 48'16			-4835 Jan 23 j 10:51	0°  ♊	
asc. node	-4836 Feb 15 j 07:47	28°  ♊ 14'16		evening rise	-4835 Jan 29 j 10:08	12°  ♊ 19'38	
	-4836 Feb 16 j 04:13	0°  ♊		asc. node	-4835 Feb 01 j 04:49	17°  ♊ 56'16	
	-4836 Mar 05 j 21:42	0°  ♊			-4835 Feb 07 j 18:08	0°  ♊	
evening max el	-4836 Mar 06 j 17:54	0°  ♊ 49'31	21°47'30	evening max el	-4835 Feb 16 j 22:52	12°  ♊ 08'12	20°26'07
retrograde	-4836 Mar 19 j 01:29	6°  ♊ 45'17		retrograde	-4835 Feb 27 j 15:55	17°  ♊ 13'01	
evening set	-4836 Mar 21 j 18:15	3°  ♊ 29'01		evening set	-4835 Mar 02 j 00:37	16°  ♊ 59'14	
desc. node	-4836 Mar 29 j 10:23	6°  ♊ 21'06		inferior conj	-4835 Mar 10 j 22:49	13°  ♊ 00'41	1°26'44
inferior conj	-4836 Mar 31 j 02:03	2°  ♊ 25'43	-0°27'17	minimum elong	-4835 Mar 11 j 02:28	12°  ♊ 55'18	1°25'22
minimum elong	-4836 Mar 31 j 00:46	2°  ♊ 27'30	0°26'59	min. Earth dist.	-4835 Mar 12 j 12:59	12°  ♊ 04'36	0.55500 AU
min. Earth dist.	-4836 Mar 30 j 22:59	2°  ♊ 30'01	0.55222 AU	desc. node	-4835 Mar 16 j 07:34	10°  ♊ 03'11	
	-4836 Apr 04 j 16:11	30°  R ♊		morning rise	-4835 Mar 20 j 02:50	8°  ♊ 39'24	
morning rise	-4836 Apr 09 j 07:56	28°  ♊ 24'17		direct	-4835 Mar 23 j 15:33	8°  ♊ 12'14	
direct	-4836 Apr 12 j 01:54	28°  ♊ 07'28		morning max el	-4835 Apr 06 j 02:56	14°  ♊ 49'00	23°17'40
	-4836 Apr 19 j 00:05	0°  ♊			-4835 Apr 17 j 21:19	0°  ♊	
morning max el	-4836 Apr 24 j 06:57	3°  ♊ 55'35	21°41'27	morning set	-4835 Apr 29 j 08:23	21°  ♊ 32'38	
	-4836 May 11 j 15:16	0°  ♊		asc. node	-4835 Apr 30 j 04:32	23°  ♊ 18'20	
asc. node	-4836 May 13 j 07:33	3°  ♊ 21'47			-4835 May 03 j 07:56	0°  ♊	
morning set	-4836 May 14 j 20:56	6°  ♊ 33'22		superior conj	-4835 May 06 j 11:38	6°  ♊ 45'41	1°00'52
				minimum elong	-4835 May 06 j 09:16	6°  ♊ 33'01	1°00'28
superior conj	-4836 May 22 j 06:02	22°  ♊ 01'27	1°20'28	max. Earth dist.	-4835 May 08 j 19:35	11°  ♊ 42'22	1.33821 AU
minimum elong	-4836 May 22 j 03:19	21°  ♊ 47'14	1°20'11	evening rise	-4835 May 14 j 02:48	22°  ♊ 34'23	
max. Earth dist.	-4836 May 25 j 19:31	29°  ♊ 21'06	1.34922 AU		-4835 May 17 j 22:49	0°  ♊	
	-4836 May 26 j 03:13	0°  ♊		desc. node	-4835 Jun 05 j 07:26	0°  ♊	
evening rise	-4836 May 30 j 10:54	8°  ♊ 30'50			-4835 Jun 12 j 05:58	8°  ♊ 50'04	
	-4836 Jun 11 j 13:46	0°  ♊					
desc. node	-4836 Jun 25 j 08:48	20°  ♊ 11'47					
	-4836 Jul 03 j 20:11	0°  ♊					

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening max el	-4835 Jun 17 j 01:08	13° Π 56'27	27°22'19		-4834 Jun 03 j 05:55	0° Π	
retrograde	-4835 Jun 30 j 14:49	21° Π 21'38		retrograde	-4834 Jun 13 j 06:16	4° Π 05'53	
evening set	-4835 Jul 07 j 17:26	18° Π 37'40		evening set	-4834 Jun 20 j 08:04	1° Π 40'12	
min. Earth dist.	-4835 Jul 11 j 09:00	15° Π 16'18	0.64084 AU		-4834 Jun 22 j 12:30	30° \mathbb{R} 8	
inferior conj	-4835 Jul 13 j 19:30	12° Π 40'16	-3°37'34	min. Earth dist.	-4834 Jun 23 j 22:21	28° \mathbb{R} 45'22	0.62347 AU
minimum elong	-4835 Jul 13 j 22:57	12° Π 31'01	3°36'37	inferior conj	-4834 Jun 26 j 22:05	25° \mathbb{R} 54'49	-4°04'15
morning rise	-4835 Jul 20 j 05:11	7° Π 17'10		minimum elong	-4834 Jun 27 j 00:26	25° \mathbb{R} 49'14	4°03'49
direct	-4835 Jul 22 j 22:50	6° Π 39'02		morning rise	-4834 Jul 03 j 18:04	20° \mathbb{R} 51'05	
asc. node	-4835 Jul 27 j 04:10	8° Π 08'52		direct	-4834 Jul 06 j 08:35	20° \mathbb{R} 20'31	
morning max el	-4835 Jul 29 j 11:02	10° Π 05'30	18°02'59	morning max el	-4834 Jul 13 j 01:35	23° \mathbb{R} 44'35	17°57'24
	-4835 Aug 11 j 21:45	0° \mathbb{S}		asc. node	-4834 Jul 14 j 01:12	24° \mathbb{R} 45'56	
morning set	-4835 Aug 15 j 23:07	6° \mathbb{S} 56'23			-4834 Jul 18 j 01:52	0° Π	
				morning set	-4834 Jul 29 j 10:13	19° Π 19'19	
superior conj	-4835 Aug 28 j 23:13	28° \mathbb{S} 42'50	1°01'45		-4834 Aug 04 j 10:05	0° \mathbb{S}	
minimum elong	-4835 Aug 29 j 05:05	29° \mathbb{S} 06'41	1°01'18				
	-4835 Aug 29 j 18:13	0° \mathbb{Q}		superior conj	-4834 Aug 09 j 14:53	9° \mathbb{S} 00'42	1°31'20
max. Earth dist.	-4835 Sep 03 j 02:49	7° \mathbb{Q} 00'42	1.44132 AU	minimum elong	-4834 Aug 09 j 19:47	9° \mathbb{S} 21'35	1°31'11
desc. node	-4835 Sep 08 j 05:08	15° \mathbb{Q} 04'27		max. Earth dist.	-4834 Aug 16 j 15:08	20° \mathbb{S} 42'23	1.42883 AU
evening rise	-4835 Sep 14 j 07:20	24° \mathbb{Q} 33'39			-4834 Aug 22 j 10:02	0° \mathbb{Q}	
	-4835 Sep 17 j 20:05	0° \mathbb{P}		evening rise	-4834 Aug 24 j 11:19	3° \mathbb{Q} 13'44	
	-4835 Oct 08 j 14:25	0° \mathbb{A}		desc. node	-4834 Aug 26 j 02:07	5° \mathbb{Q} 44'55	
evening max el	-4835 Oct 11 j 08:39	3° \mathbb{A} 06'21	20°17'21		-4834 Sep 11 j 07:52	0° \mathbb{P}	
retrograde	-4835 Oct 19 j 04:36	7° \mathbb{A} 42'29		evening max el	-4834 Sep 24 j 06:48	16° \mathbb{P} 31'20	21°26'49
evening set	-4835 Oct 22 j 21:06	6° \mathbb{A} 23'36		retrograde	-4834 Oct 03 j 01:10	21° \mathbb{P} 43'15	
asc. node	-4835 Oct 23 j 03:01	6° \mathbb{A} 12'41		evening set	-4834 Oct 07 j 05:01	20° \mathbb{P} 06'44	
inferior conj	-4835 Oct 28 j 08:15	0° \mathbb{A} 18'48	1°42'55	asc. node	-4834 Oct 10 j 00:10	17° \mathbb{P} 16'15	
minimum elong	-4835 Oct 28 j 06:02	0° \mathbb{A} 26'16	1°42'05	inferior conj	-4834 Oct 12 j 13:21	13° \mathbb{P} 54'11	0°51'44
	-4835 Oct 28 j 13:51	30° \mathbb{R} 7		minimum elong	-4834 Oct 12 j 12:10	13° \mathbb{P} 58'13	0°51'19
min. Earth dist.	-4835 Oct 29 j 02:40	29° \mathbb{P} 17'02	0.66716 AU	min. Earth dist.	-4834 Oct 12 j 20:55	13° \mathbb{P} 28'07	0.67203 AU
morning rise	-4835 Nov 02 j 14:45	24° \mathbb{P} 03'36		morning rise	-4834 Oct 17 j 19:09	7° \mathbb{P} 38'07	
direct	-4835 Nov 08 j 06:26	21° \mathbb{P} 36'00		direct	-4834 Oct 22 j 19:40	5° \mathbb{P} 30'34	
morning max el	-4835 Nov 19 j 20:04	28° \mathbb{P} 28'55	24°51'40	morning max el	-4834 Nov 02 j 05:27	11° \mathbb{P} 43'55	23°26'13
	-4835 Nov 21 j 07:08	0° \mathbb{A}			-4834 Nov 16 j 18:54	0° \mathbb{A}	
desc. node	-4835 Dec 05 j 05:17	17° \mathbb{A} 44'04		desc. node	-4834 Nov 22 j 02:12	7° \mathbb{A} 41'09	
	-4835 Dec 13 j 10:25	0° \mathbb{M}			-4834 Dec 06 j 06:33	0° \mathbb{M}	
morning set	-4835 Dec 25 j 22:10	20° \mathbb{M} 45'14		morning set	-4834 Dec 07 j 04:19	1° \mathbb{M} 30'59	
max. Earth dist.	-4835 Dec 29 j 16:04	27° \mathbb{M} 30'50	1.37296 AU	max. Earth dist.	-4834 Dec 11 j 11:43	8° \mathbb{M} 53'24	1.39323 AU
	-4835 Dec 31 j 00:18	0° \mathbb{X}					
superior conj	-4834 Jan 05 j 03:15	9° \mathbb{X} 47'10	-1°45'36	superior conj	-4834 Dec 19 j 00:54	22° \mathbb{M} 29'55	-1°52'50
minimum elong	-4834 Jan 05 j 05:36	9° \mathbb{X} 58'39	1°45'41	minimum elong	-4834 Dec 19 j 01:24	22° \mathbb{M} 32'15	1°53'01
evening rise	-4834 Jan 13 j 12:20	26° \mathbb{X} 29'06			-4834 Dec 23 j 00:16	0° \mathbb{X}	
	-4834 Jan 15 j 06:48	0° \mathbb{S}		evening rise	-4834 Dec 28 j 06:49	10° \mathbb{X} 10'17	
asc. node	-4834 Jan 19 j 01:52	7° \mathbb{S} 16'39		asc. node	-4833 Jan 05 j 22:55	26° \mathbb{X} 08'19	
evening max el	-4834 Jan 30 j 14:19	24° \mathbb{S} 02'08	19°22'01		-4833 Jan 08 j 09:34	0° \mathbb{S}	
retrograde	-4834 Feb 08 j 16:41	28° \mathbb{S} 21'39		evening max el	-4833 Jan 13 j 15:10	6° \mathbb{S} 29'18	18°37'36
evening set	-4834 Feb 11 j 01:43	28° \mathbb{S} 05'15		retrograde	-4833 Jan 21 j 10:52	10° \mathbb{S} 17'16	
inferior conj	-4834 Feb 19 j 07:52	23° \mathbb{S} 56'45	2°56'14	evening set	-4833 Jan 23 j 22:44	9° \mathbb{S} 55'30	
minimum elong	-4834 Feb 19 j 12:58	23° \mathbb{S} 48'17	2°54'47	inferior conj	-4833 Jan 31 j 12:22	5° \mathbb{S} 28'34	3°47'59
min. Earth dist.	-4834 Feb 22 j 03:47	22° \mathbb{S} 04'42	0.56626 AU	minimum elong	-4833 Jan 31 j 15:27	5° \mathbb{S} 22'37	3°47'20
morning rise	-4834 Feb 27 j 21:36	19° \mathbb{S} 05'49		min. Earth dist.	-4833 Feb 03 j 20:48	2° \mathbb{S} 54'56	0.58350 AU
desc. node	-4834 Mar 03 j 04:42	18° \mathbb{S} 19'06		morning rise	-4833 Feb 08 j 05:49	0° \mathbb{S} 11'20	
direct	-4834 Mar 04 j 15:23	18° \mathbb{S} 14'13			-4833 Feb 08 j 15:26	30° \mathbb{R} 8	
morning max el	-4834 Mar 18 j 18:07	25° \mathbb{S} 25'16	24°55'33	direct	-4833 Feb 14 j 04:39	28° \mathbb{X} 42'41	
	-4834 Mar 23 j 00:32	0° \mathbb{A}		desc. node	-4833 Feb 18 j 01:47	29° \mathbb{X} 19'40	
	-4834 Apr 10 j 15:35	0° \mathbb{X}			-4833 Feb 19 j 20:19	0° \mathbb{S}	
morning set	-4834 Apr 13 j 20:40	6° \mathbb{X} 35'45		morning max el	-4833 Feb 28 j 10:33	6° \mathbb{S} 11'49	26°20'20
asc. node	-4834 Apr 17 j 01:28	13° \mathbb{X} 25'17			-4833 Mar 18 j 00:22	0° \mathbb{A}	
				morning set	-4833 Mar 29 j 08:07	21° \mathbb{A} 36'42	
superior conj	-4834 Apr 20 j 21:05	21° \mathbb{X} 42'12	0°38'37		-4833 Apr 02 j 06:21	0° \mathbb{X}	
minimum elong	-4834 Apr 20 j 19:27	21° \mathbb{X} 33'23	0°38'14	asc. node	-4833 Apr 03 j 22:26	3° \mathbb{X} 38'15	
max. Earth dist.	-4834 Apr 22 j 03:26	24° \mathbb{X} 26'29	1.33080 AU				
	-4834 Apr 24 j 17:43	0° \mathbb{Y}		superior conj	-4833 Apr 05 j 08:29	6° \mathbb{X} 44'27	0°14'42
evening rise	-4834 Apr 28 j 03:21	7° \mathbb{Y} 04'56		minimum elong	-4833 Apr 05 j 07:51	6° \mathbb{X} 40'56	0°14'28
	-4834 May 10 j 11:21	0° \mathbb{R}		behind sun begin	-4833 Apr 05 j 05:51	6° \mathbb{X} 30'03	
desc. node	-4834 May 30 j 03:08	26° \mathbb{R} 25'51		behind sun end	-4833 Apr 05 j 09:51	6° \mathbb{X} 51'50	
evening max el	-4834 May 30 j 09:24	26° \mathbb{R} 40'57	27°20'14	max. Earth dist.	-4833 Apr 05 j 15:55	7° \mathbb{X} 25'04	1.32681 AU
				evening rise	-4833 Apr 12 j 09:44	21° \mathbb{X} 53'05	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4833 Apr 16 j 10:12	0°♄		behind sun begin	-4832 Mar 19 j 16:43	21°≈26'15	
	-4833 May 04 j 18:34	0°♄		behind sun end	-4832 Mar 20 j 00:28	22°≈08'40	
evening max el	-4833 May 12 j 12:58	8°♄48'45	26°45'24	asc. node	-4832 Mar 20 j 19:23	23°≈52'05	
desc. node	-4833 May 17 j 00:17	12°♄33'21			-4832 Mar 23 j 14:56	0°♄	
retrograde	-4833 May 26 j 14:15	16°♄09'58		evening rise	-4832 Mar 26 j 19:36	6°♄49'21	
evening set	-4833 Jun 02 j 04:31	14°♄16'03			-4832 Apr 08 j 02:03	0°♄	
min. Earth dist.	-4833 Jun 06 j 02:27	11°♄33'09	0.60367 AU	evening max el	-4832 Apr 23 j 10:22	20°♄14'34	25°40'20
inferior conj	-4833 Jun 09 j 10:37	8°♄46'24	-4°13'28	desc. node	-4832 May 02 j 21:27	26°♄37'24	
minimum elong	-4833 Jun 09 j 10:32	8°♄46'34	4°13'20	retrograde	-4832 May 07 j 12:33	27°♄28'06	
morning rise	-4833 Jun 16 j 18:36	4°♄03'39		evening set	-4832 May 13 j 03:40	26°♄12'32	
direct	-4833 Jun 19 j 07:19	3°♄39'01		min. Earth dist.	-4832 May 17 j 22:57	23°♄25'22	0.58350 AU
morning max el	-4833 Jun 26 j 13:31	7°♄11'06	18°10'50	inferior conj	-4832 May 21 j 05:24	21°♄04'17	-3°56'30
asc. node	-4833 Jun 30 j 22:14	12°♄24'35		minimum elong	-4832 May 21 j 02:00	21°♄10'27	3°56'00
	-4833 Jul 11 j 05:30	0°♄		morning rise	-4832 May 29 j 03:07	16°♄42'38	
morning set	-4833 Jul 12 j 13:58	2°♄31'48		direct	-4832 May 31 j 14:43	16°♄22'50	
				morning max el	-4832 Jun 08 j 19:57	20°♄15'32	18°44'15
superior conj	-4833 Jul 22 j 09:07	20°♄38'04	1°46'18		-4832 Jun 16 j 06:57	0°♄	
minimum elong	-4833 Jul 22 j 11:13	20°♄47'29	1°46'29	asc. node	-4832 Jun 16 j 19:14	0°♄50'16	
	-4833 Jul 27 j 16:54	0°♄		morning set	-4832 Jun 25 j 05:50	16°♄22'01	
max. Earth dist.	-4833 Jul 29 j 21:51	3°♄45'54	1.41186 AU		-4832 Jul 02 j 06:28	0°♄	
evening rise	-4833 Aug 04 j 06:04	12°♄36'50					
desc. node	-4833 Aug 12 j 23:06	26°♄18'37		superior conj	-4832 Jul 04 j 00:43	3°♄20'42	1°49'12
	-4833 Aug 15 j 09:39	0°♄		minimum elong	-4832 Jul 04 j 00:17	3°♄18'40	1°49'25
evening max el	-4833 Sep 06 j 23:04	29°♄56'11	22°44'55	max. Earth dist.	-4832 Jul 11 j 00:19	16°♄08'00	1.39262 AU
	-4833 Sep 07 j 00:35	0°♄		evening rise	-4832 Jul 15 j 02:23	23°♄13'58	
retrograde	-4833 Sep 16 j 19:28	5°♄46'41			-4832 Jul 19 j 03:33	0°♄	
evening set	-4833 Sep 21 j 12:43	3°♄50'37		desc. node	-4832 Jul 29 j 20:07	16°♄41'12	
	-4833 Sep 25 j 00:42	30°♄			-4832 Aug 08 j 06:04	0°♄	
inferior conj	-4833 Sep 26 j 19:50	27°♄33'41	-0°01'15	evening max el	-4832 Aug 19 j 11:13	13°♄22'51	24°05'51
minimum elong	-4833 Sep 26 j 19:51	27°♄33'37	0°01'06	retrograde	-4832 Aug 30 j 10:23	19°♄49'55	
transit middle	-4833 Sep 26 j 19:51	27°♄33'37	0°01'06	evening set	-4832 Sep 04 j 18:26	17°♄33'57	
transit begin	-4833 Sep 26 j 17:10	27°♄42'54		min. Earth dist.	-4832 Sep 09 j 12:55	12°♄00'11	0.67279 AU
transit end	-4833 Sep 26 j 22:33	27°♄24'19		inferior conj	-4832 Sep 10 j 01:59	11°♄15'54	-0°54'22
min. Earth dist.	-4833 Sep 26 j 17:10	27°♄42'56	0.67392 AU	minimum elong	-4832 Sep 10 j 03:14	11°♄11'39	0°53'39
asc. node	-4833 Sep 26 j 21:18	27°♄28'37		asc. node	-4832 Sep 12 j 18:27	7°♄47'37	
morning rise	-4833 Oct 02 j 02:52	21°♄19'59		morning rise	-4832 Sep 15 j 12:00	5°♄07'40	
direct	-4833 Oct 06 j 13:02	19°♄33'37		direct	-4832 Sep 19 j 09:23	3°♄41'24	
morning max el	-4833 Oct 15 j 18:18	25°♄02'43	22°01'16	morning max el	-4832 Sep 27 j 13:33	8°♄29'17	20°43'51
	-4833 Oct 20 j 03:36	0°♄			-4832 Oct 13 j 16:55	0°♄	
desc. node	-4833 Nov 08 j 23:05	27°♄56'55		desc. node	-4832 Oct 25 j 19:58	18°♄25'41	
	-4833 Nov 10 j 07:15	0°♄		morning set	-4832 Oct 26 j 09:02	19°♄16'25	
morning set	-4833 Nov 17 j 05:53	10°♄53'34			-4832 Nov 02 j 04:19	0°♄	
max. Earth dist.	-4833 Nov 23 j 11:01	21°♄03'09	1.41350 AU	max. Earth dist.	-4832 Nov 04 j 17:59	4°♄07'59	1.43075 AU
	-4833 Nov 28 j 17:16	0°♄					
superior conj	-4833 Dec 01 j 03:16	4°♄13'33	-1°49'17	superior conj	-4832 Nov 11 j 04:39	14°♄44'07	-1°31'20
minimum elong	-4833 Dec 01 j 00:38	4°♄01'58	1°49'18	minimum elong	-4832 Nov 10 j 22:44	14°♄19'21	1°30'53
evening rise	-4833 Dec 11 j 14:25	23°♄15'55			-4832 Nov 20 j 02:24	0°♄	
	-4833 Dec 15 j 06:01	0°♄		evening rise	-4832 Nov 23 j 07:11	5°♄37'52	
asc. node	-4833 Dec 23 j 20:00	14°♄21'48			-4832 Dec 08 j 05:06	0°♄	
evening max el	-4833 Dec 27 j 22:50	19°♄21'37	18°13'11	asc. node	-4832 Dec 09 j 17:07	1°♄45'44	
retrograde	-4832 Jan 03 j 22:56	22°♄53'22		evening max el	-4832 Dec 10 j 10:29	2°♄31'15	18°08'28
evening set	-4832 Jan 06 j 13:31	22°♄24'54		retrograde	-4832 Dec 17 j 01:14	6°♄00'05	
inferior conj	-4832 Jan 13 j 12:45	17°♄36'07	4°05'22	evening set	-4832 Dec 19 j 18:39	5°♄24'00	
minimum elong	-4832 Jan 13 j 12:54	17°♄35'46	4°05'07	inferior conj	-4832 Dec 26 j 06:10	0°♄13'50	3°57'22
min. Earth dist.	-4832 Jan 16 j 18:44	14°♄43'31	0.60335 AU	minimum elong	-4832 Dec 26 j 04:09	0°♄18'59	3°56'57
morning rise	-4832 Jan 20 j 10:46	11°♄59'47			-4832 Dec 26 j 11:36	30°♄	
direct	-4832 Jan 27 j 05:06	9°♄52'53		min. Earth dist.	-4832 Dec 29 j 00:58	27°♄24'54	0.62266 AU
desc. node	-4832 Feb 04 j 22:52	13°♄01'02		morning rise	-4831 Jan 01 j 12:44	24°♄23'30	
morning max el	-4832 Feb 10 j 08:23	17°♄30'12	27°18'18	direct	-4831 Jan 08 j 14:27	21°♄48'09	
	-4832 Feb 20 j 18:50	0°♄		desc. node	-4831 Jan 21 j 19:55	28°♄49'41	
	-4832 Mar 09 j 12:22	0°♄		morning max el	-4831 Jan 22 j 12:35	29°♄29'51	27°41'25
morning set	-4832 Mar 12 j 16:53	6°≈27'35			-4831 Jan 23 j 00:44	0°♄	
max. Earth dist.	-4832 Mar 19 j 05:18	20°≈23'53	1.32619 AU	morning set	-4831 Feb 13 j 15:48	0°♄	
					-4831 Feb 24 j 20:54	21°♄01'26	
superior conj	-4832 Mar 19 j 20:08	21°≈44'59	-0°10'04		-4831 Mar 01 j 04:20	0°≈	
minimum elong	-4832 Mar 19 j 20:35	21°≈47'28	0°10'08	max. Earth dist.	-4831 Mar 02 j 15:48	3°≈09'47	1.32909 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4831 Mar 04 j 06:24	6° \approx 38'11	-0°34'46	superior conj	-4830 Feb 16 j 13:30	21° \approx 17'50	-0°58'31
minimum elong	-4831 Mar 04 j 07:56	6° \approx 46'28	0°34'41	minimum elong	-4830 Feb 16 j 15:56	21° \approx 30'47	0°58'20
asc. node	-4831 Mar 07 j 16:22	14° \approx 02'55			-4830 Feb 20 j 15:06	0° \approx	
evening rise	-4831 Mar 11 j 07:05	21° \approx 46'58		asc. node	-4830 Feb 22 j 13:23	4° \approx 06'32	
	-4831 Mar 15 j 07:26	0° \approx		evening rise	-4830 Feb 23 j 18:23	6° \approx 39'23	
	-4831 Apr 03 j 23:45	0° \approx			-4830 Mar 08 j 08:38	0° \approx	
evening max el	-4831 Apr 05 j 03:00	1° \approx 07'25	24°13'55	evening max el	-4830 Mar 17 j 20:01	11° \approx 51'26	22°39'49
retrograde	-4831 Apr 18 j 23:13	8° \approx 04'18		retrograde	-4830 Mar 30 j 21:47	18° \approx 14'56	
desc. node	-4831 Apr 19 j 18:39	8° \approx 02'48		evening set	-4830 Apr 03 j 01:10	17° \approx 53'16	
evening set	-4831 Apr 23 j 07:20	7° \approx 22'14		desc. node	-4830 Apr 06 j 15:49	16° \approx 40'08	
min. Earth dist.	-4831 Apr 29 j 14:51	4° \approx 17'00	0.56606 AU	min. Earth dist.	-4830 Apr 11 j 05:23	14° \approx 17'52	0.55474 AU
inferior conj	-4831 May 02 j 04:04	2° \approx 40'55	-3°03'41	inferior conj	-4830 Apr 12 j 08:44	13° \approx 38'38	-1°32'15
minimum elong	-4831 May 01 j 22:27	2° \approx 49'48	3°02'21	minimum elong	-4830 Apr 12 j 04:44	13° \approx 44'23	1°31'03
	-4831 May 06 j 19:46	30° \approx 38'38		morning rise	-4830 Apr 21 j 10:17	9° \approx 41'00	
morning rise	-4831 May 10 j 16:40	28° \approx 36'45		direct	-4830 Apr 23 j 22:51	9° \approx 26'08	
direct	-4831 May 13 j 03:24	28° \approx 20'42		morning max el	-4830 May 05 j 06:04	14° \approx 43'35	20°51'37
	-4831 May 19 j 00:19	0° \approx			-4830 May 16 j 12:52	0° \approx	
morning max el	-4831 May 22 j 18:08	2° \approx 48'49	19°38'06	asc. node	-4830 May 21 j 13:12	9° \approx 20'22	
asc. node	-4831 Jun 03 j 16:13	19° \approx 51'46		morning set	-4830 May 24 j 12:48	15° \approx 20'48	
	-4831 Jun 08 j 22:11	0° \approx			-4830 May 31 j 14:45	0° \approx	
morning set	-4831 Jun 09 j 06:20	0° \approx 40'47					
				superior conj	-4830 Jun 01 j 02:48	1° \approx 01'51	1°30'08
superior conj	-4831 Jun 17 j 08:08	16° \approx 53'00	1°42'58	minimum elong	-4830 Jun 01 j 00:08	0° \approx 48'08	1°29'56
minimum elong	-4831 Jun 17 j 06:07	16° \approx 43'04	1°43'01	max. Earth dist.	-4830 Jun 05 j 11:09	9° \approx 46'35	1.35707 AU
max. Earth dist.	-4831 Jun 23 j 02:46	27° \approx 59'39	1.37364 AU	evening rise	-4830 Jun 09 j 18:14	18° \approx 02'26	
	-4831 Jun 24 j 04:40	0° \approx			-4830 Jun 16 j 09:41	0° \approx	
evening rise	-4831 Jun 27 j 00:03	5° \approx 06'31		desc. node	-4830 Jul 03 j 14:18	26° \approx 28'05	
	-4831 Jul 12 j 02:28	0° \approx			-4830 Jul 06 j 06:42	0° \approx	
desc. node	-4831 Jul 16 j 17:11	6° \approx 46'51		evening max el	-4830 Jul 15 j 08:30	10° \approx 21'33	26°26'12
evening max el	-4831 Aug 01 j 21:42	26° \approx 51'58	25°22'18	retrograde	-4830 Jul 28 j 03:24	17° \approx 37'15	
	-4831 Aug 05 j 09:33	0° \approx		evening set	-4830 Aug 03 j 16:11	14° \approx 51'47	
retrograde	-4831 Aug 13 j 21:12	3° \approx 04'37		min. Earth dist.	-4830 Aug 07 j 17:34	10° \approx 32'57	0.66071 AU
evening set	-4831 Aug 19 j 20:18	1° \approx 14'59		inferior conj	-4830 Aug 09 j 06:12	8° \approx 40'30	-2°34'11
	-4831 Aug 21 j 03:29	30° \approx 38'38		minimum elong	-4830 Aug 09 j 09:27	8° \approx 30'32	2°32'51
min. Earth dist.	-4831 Aug 24 j 05:49	26° \approx 17'52	0.66850 AU	morning rise	-4830 Aug 15 j 02:58	2° \approx 52'28	
inferior conj	-4831 Aug 25 j 06:04	24° \approx 58'49	-1°45'58	asc. node	-4830 Aug 17 j 12:41	2° \approx 00'40	
minimum elong	-4831 Aug 25 j 08:27	24° \approx 51'04	1°44'48	direct	-4830 Aug 18 j 05:13	1° \approx 57'58	
morning rise	-4831 Aug 30 j 20:40	18° \approx 59'12		morning max el	-4830 Aug 25 j 00:51	5° \approx 47'12	18°48'11
asc. node	-4831 Aug 30 j 15:35	19° \approx 07'55			-4830 Sep 10 j 20:06	0° \approx	
direct	-4831 Sep 03 j 07:21	17° \approx 50'24		morning set	-4830 Sep 15 j 04:54	6° \approx 58'33	
morning max el	-4831 Sep 10 j 16:04	22° \approx 04'42	19°38'33	desc. node	-4830 Sep 29 j 13:47	29° \approx 04'51	2
	-4831 Sep 17 j 02:17	0° \approx			-4830 Sep 29 j 17:32	0° \approx	
morning set	-4831 Oct 05 j 09:36	27° \approx 03'35					
	-4831 Oct 06 j 21:57	0° \approx		superior conj	-4830 Oct 01 j 04:23	2° \approx 17'21	-0°10'08
desc. node	-4831 Oct 12 j 16:51	9° \approx 02'48		minimum elong	-4830 Oct 01 j 03:04	2° \approx 12'10	0°09'49
max. Earth dist.	-4831 Oct 18 j 07:24	17° \approx 53'34	1.44266 AU	behind sun begin	-4830 Sep 30 j 17:50	1° \approx 35'45	
				behind sun end	-4830 Oct 01 j 12:18	2° \approx 48'34	
superior conj	-4831 Oct 22 j 02:22	23° \approx 56'32	-0°57'01	max. Earth dist.	-4830 Oct 01 j 00:19	2° \approx 01'18	1.44784 AU
minimum elong	-4831 Oct 21 j 20:09	23° \approx 31'37	0°56'14	evening rise	-4830 Oct 17 j 01:38	27° \approx 30'38	
	-4831 Oct 25 j 20:24	0° \approx			-4830 Oct 18 j 14:51	0° \approx	
evening rise	-4831 Nov 05 j 04:23	17° \approx 05'43		evening max el	-4830 Nov 07 j 10:30	29° \approx 15'50	18°54'40
	-4831 Nov 12 j 21:14	0° \approx			-4830 Nov 08 j 04:18	0° \approx	
evening max el	-4831 Nov 23 j 23:13	15° \approx 50'49	18°22'40	asc. node	-4830 Nov 13 j 11:26	3° \approx 05'24	
asc. node	-4831 Nov 26 j 14:16	18° \approx 05'25		retrograde	-4830 Nov 14 j 06:58	3° \approx 09'07	
retrograde	-4831 Nov 30 j 13:12	19° \approx 27'25		evening set	-4830 Nov 17 j 10:02	2° \approx 13'04	
evening set	-4831 Dec 03 j 10:32	18° \approx 42'25			-4830 Nov 20 j 03:12	30° \approx 38'38	
inferior conj	-4831 Dec 09 j 12:44	13° \approx 13'11	3°32'05	inferior conj	-4830 Nov 23 j 05:00	26° \approx 27'42	2°55'17
minimum elong	-4831 Dec 09 j 09:40	13° \approx 21'53	3°31'18	minimum elong	-4830 Nov 23 j 01:47	26° \approx 37'36	2°54'16
min. Earth dist.	-4831 Dec 11 j 17:17	10° \approx 44'49	0.63948 AU	min. Earth dist.	-4830 Nov 24 j 19:18	24° \approx 29'55	0.65300 AU
morning rise	-4831 Dec 15 j 08:15	7° \approx 12'22		morning rise	-4830 Nov 28 j 17:11	20° \approx 19'18	
direct	-4831 Dec 22 j 07:24	4° \approx 23'00		direct	-4830 Dec 05 j 06:59	17° \approx 30'09	
morning max el	-4830 Jan 04 j 21:02	12° \approx 04'50	27°28'47	morning max el	-4830 Dec 18 j 06:46	25° \approx 02'55	26°44'48
desc. node	-4830 Jan 08 j 16:55	16° \approx 10'05			-4830 Dec 22 j 20:06	0° \approx	
	-4830 Jan 19 j 06:18	0° \approx		desc. node	-4830 Dec 26 j 13:53	4° \approx 35'27	
	-4830 Feb 06 j 01:55	0° \approx			-4829 Jan 12 j 16:50	0° \approx	
morning set	-4830 Feb 08 j 17:34	5° \approx 09'12		morning set	-4829 Jan 23 j 03:24	18° \approx 39'34	
max. Earth dist.	-4830 Feb 13 j 19:21	15° \approx 32'46	1.33580 AU	max. Earth dist.	-4829 Jan 27 j 12:19	27° \approx 12'09	1.34683 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4829 Jan 28 j 21:38	0°♄		max. Earth dist.	-4828 Jan 09 j 17:41	8°♄26'14	1.36233 AU
superior conj	-4829 Jan 31 j 15:19	5°♄36'53	-1°20'05	superior conj	-4828 Jan 15 j 09:10	19°♄27'29	-1°37'53
minimum elong	-4829 Jan 31 j 18:17	5°♄52'16	1°19'56	minimum elong	-4828 Jan 15 j 12:01	19°♄41'45	1°37'51
evening rise	-4829 Feb 08 j 03:44	21°♄20'13			-4828 Jan 20 j 13:49	0°♄	
asc. node	-4829 Feb 09 j 10:25	23°♄58'02		evening rise	-4828 Jan 23 j 09:12	5°♄43'41	
	-4829 Feb 12 j 10:55	0°♄		asc. node	-4828 Jan 27 j 07:28	13°♄32'09	
evening max el	-4829 Feb 27 j 19:35	22°♄53'01	21°11'06		-4828 Feb 06 j 06:08	0°♄	
retrograde	-4829 Mar 11 j 11:53	28°♄27'20		evening max el	-4828 Feb 10 j 05:12	4°♄27'47	19°56'34
evening set	-4829 Mar 13 j 23:23	28°♄13'10		retrograde	-4828 Feb 20 j 04:54	9°♄11'22	
inferior conj	-4829 Mar 23 j 04:25	24°♄14'15	0°22'24	evening set	-4828 Feb 22 j 13:18	8°♄56'52	
minimum elong	-4829 Mar 23 j 05:27	24°♄12'48	0°21'53	inferior conj	-4828 Mar 02 j 05:07	4°♄55'58	2°08'56
min. Earth dist.	-4829 Mar 23 j 19:47	23°♄52'27	0.55217 AU	minimum elong	-4828 Mar 02 j 09:54	4°♄48'35	2°07'19
desc. node	-4829 Mar 24 j 12:59	23°♄28'10		min. Earth dist.	-4828 Mar 04 j 10:04	3°♄34'53	0.55888 AU
morning rise	-4829 Apr 01 j 11:03	20°♄05'52		desc. node	-4828 Mar 10 j 10:07	0°♄36'54	
direct	-4829 Apr 04 j 11:11	19°♄46'04		morning rise	-4828 Mar 11 j 04:18	0°♄22'30	
morning max el	-4829 Apr 17 j 07:13	25°♄57'02	22°21'25		-4828 Mar 12 j 18:17	30°♄♄	
	-4829 Apr 21 j 02:16	0°♄		direct	-4828 Mar 15 j 04:58	29°♄46'35	
asc. node	-4829 May 08 j 10:09	29°♄08'21			-4828 Mar 17 j 15:14	0°♄	
morning set	-4829 May 08 j 22:56	0°♄14'37		morning max el	-4828 Mar 29 j 00:18	6°♄40'06	23°59'49
	-4829 May 08 j 20:08	0°♄			-4828 Apr 14 j 16:38	0°♄	
				morning set	-4828 Apr 22 j 10:57	15°♄16'23	
superior conj	-4829 May 16 j 05:11	15°♄35'34	1°12'33	asc. node	-4828 Apr 24 j 07:08	19°♄10'08	
minimum elong	-4829 May 16 j 02:33	15°♄21'39	1°12'12		-4828 Apr 29 j 07:50	0°♄	
max. Earth dist.	-4829 May 19 j 05:20	21°♄52'01	1.34402 AU				
	-4829 May 23 j 06:01	0°♄		superior conj	-4828 Apr 29 j 12:39	0°♄25'56	0°51'41
evening rise	-4829 May 24 j 03:31	1°♄45'23		minimum elong	-4828 Apr 29 j 10:34	0°♄14'39	0°51'17
	-4829 Jun 09 j 08:03	0°♄		max. Earth dist.	-4828 May 01 j 09:10	4°♄24'25	1.33468 AU
desc. node	-4829 Jun 20 j 11:26	15°♄33'27		evening rise	-4828 May 06 j 23:31	16°♄02'07	
evening max el	-4829 Jun 27 j 19:51	23°♄43'31	27°09'35		-4828 May 14 j 06:58	0°♄	
	-4829 Jul 06 j 09:38	0°♄			-4828 Jun 03 j 01:22	0°♄	
retrograde	-4829 Jul 11 j 04:21	1°♄07'22		desc. node	-4828 Jun 06 j 08:34	3°♄47'45	
	-4829 Jul 15 j 14:53	30°♄♄		evening max el	-4828 Jun 09 j 06:08	6°♄45'57	27°25'27
evening set	-4829 Jul 18 j 03:22	28°♄19'35		retrograde	-4828 Jun 22 j 23:12	14°♄10'44	
min. Earth dist.	-4829 Jul 21 j 21:54	24°♄38'15	0.64916 AU	evening set	-4828 Jun 30 j 02:33	11°♄33'09	
inferior conj	-4829 Jul 24 j 00:09	22°♄16'11	-3°16'47	min. Earth dist.	-4828 Jul 03 j 16:59	8°♄24'12	0.63386 AU
minimum elong	-4829 Jul 24 j 03:45	22°♄05'59	3°15'37	inferior conj	-4828 Jul 06 j 09:14	5°♄40'34	-3°50'36
morning rise	-4829 Jul 30 j 04:38	16°♄42'52		minimum elong	-4828 Jul 06 j 12:22	5°♄32'33	3°49'52
direct	-4829 Aug 02 j 00:48	15°♄59'30		morning rise	-4828 Jul 12 j 23:03	0°♄25'04	
asc. node	-4829 Aug 04 j 09:46	16°♄29'28			-4828 Jul 14 j 05:31	30°♄♄	
morning max el	-4829 Aug 08 j 13:48	19°♄32'03	18°14'24	direct	-4828 Jul 15 j 15:14	29°♄50'17	
	-4829 Aug 16 j 09:40	0°♄			-4828 Jul 17 j 00:48	0°♄	
morning set	-4829 Aug 27 j 03:13	17°♄36'33		asc. node	-4828 Jul 21 j 06:49	2°♄24'03	
	-4829 Sep 03 j 15:25	0°♄		morning max el	-4828 Jul 22 j 04:27	3°♄14'34	17°58'17
				morning set	-4828 Aug 08 j 02:25	29°♄25'28	
superior conj	-4829 Sep 10 j 07:15	10°♄44'55	0°38'08		-4828 Aug 08 j 10:19	0°♄	
minimum elong	-4829 Sep 10 j 11:41	11°♄02'40	0°37'46				
max. Earth dist.	-4829 Sep 13 j 17:57	16°♄13'45	1.44573 AU	superior conj	-4828 Aug 20 j 06:54	20°♄14'58	1°16'10
desc. node	-4829 Sep 16 j 10:44	20°♄29'24		minimum elong	-4828 Aug 20 j 12:46	20°♄39'20	1°15'49
	-4829 Sep 22 j 12:22	0°♄			-4828 Aug 26 j 06:07	0°♄	
evening rise	-4829 Sep 26 j 22:05	6°♄51'50		max. Earth dist.	-4828 Aug 26 j 09:28	0°♄13'28	1.43672 AU
greatest brilliancy	-4829 Oct 09 j 03:09	25°♄41'02	-0.7m	desc. node	-4828 Sep 02 j 07:40	11°♄12'10	
	-4829 Oct 12 j 00:33	0°♄		evening rise	-4828 Sep 05 j 02:45	15°♄33'02	
evening max el	-4829 Oct 21 j 18:01	12°♄43'04	19°43'02		-4828 Sep 14 j 14:10	0°♄	
retrograde	-4829 Oct 29 j 03:32	17°♄01'04		evening max el	-4828 Oct 03 j 19:53	26°♄09'22	20°45'37
asc. node	-4829 Oct 31 j 08:34	16°♄32'42			-4828 Oct 08 j 13:41	0°♄	
evening set	-4829 Nov 01 j 14:31	15°♄51'20		retrograde	-4828 Oct 12 j 00:34	0°♄59'35	
inferior conj	-4829 Nov 07 j 04:03	9°♄52'54	2°10'53		-4828 Oct 15 j 06:08	30°♄♄	
minimum elong	-4829 Nov 07 j 01:20	10°♄01'46	2°09'54	evening set	-4828 Oct 15 j 21:44	29°♄33'22	
min. Earth dist.	-4829 Nov 08 j 05:20	8°♄30'14	0.66299 AU	asc. node	-4828 Oct 17 j 05:43	28°♄24'10	
morning rise	-4829 Nov 12 j 11:55	3°♄39'35		inferior conj	-4828 Oct 21 j 07:30	23°♄25'01	1°21'33
direct	-4829 Nov 18 j 12:22	1°♄01'51		minimum elong	-4828 Oct 21 j 05:41	23°♄31'10	1°20'52
morning max el	-4829 Nov 30 j 15:55	8°♄12'38	25°37'24	min. Earth dist.	-4828 Oct 21 j 21:09	22°♄38'36	0.66964 AU
desc. node	-4829 Dec 13 j 10:51	23°♄46'49		morning rise	-4828 Oct 26 j 13:28	17°♄09'23	
	-4829 Dec 17 j 19:40	0°♄		direct	-4828 Oct 31 j 22:46	14°♄49'59	
	-4828 Jan 05 j 04:26	0°♄		morning max el	-4828 Nov 12 j 00:38	21°♄26'20	24°15'52
morning set	-4828 Jan 05 j 21:49	1°♄18'54			-4828 Nov 19 j 10:51	0°♄	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

desc. node	-4828 Nov 29 j 07:45	13° ♄ 30'05		desc. node	-4827 Nov 16 j 04:40	3° ♄ 36'15	
	-4828 Dec 10 j 02:22	0° ♄		morning set	-4827 Nov 28 j 13:00	23° ♄ 00'30	
morning set	-4828 Dec 17 j 18:52	12° ♄ 50'04			-4827 Dec 02 j 17:25	0° ♄	
max. Earth dist.	-4828 Dec 21 j 15:09	19° ♄ 37'00	1.38146 AU	max. Earth dist.	-4827 Dec 03 j 12:05	1° ♄ 19'33	1.40207 AU
	-4828 Dec 27 j 06:09	0° ♄					
superior conj	-4828 Dec 28 j 15:26	2° ♄ 38'26	-1°49'47	superior conj	-4827 Dec 11 j 05:34	14° ♄ 57'51	-1°52'52
minimum elong	-4828 Dec 28 j 17:10	2° ♄ 46'43	1°49'54	minimum elong	-4827 Dec 11 j 04:52	14° ♄ 54'42	1°53'01
evening rise	-4827 Jan 06 j 08:28	19° ♄ 42'22			-4827 Dec 19 j 06:49	0° ♄	
	-4827 Jan 11 j 16:52	0° ♄		evening rise	-4827 Dec 20 j 22:46	3° ♄ 09'53	
asc. node	-4827 Jan 13 j 04:31	2° ♄ 41'34		asc. node	-4827 Dec 31 j 01:34	21° ♄ 18'28	
evening max el	-4827 Jan 23 j 00:52	16° ♄ 36'39	19°00'35	evening max el	-4826 Jan 06 j 04:52	29° ♄ 15'11	18°24'40
retrograde	-4827 Jan 31 j 12:43	20° ♄ 40'47			-4826 Jan 07 j 00:18	0° ♄	
evening set	-4827 Feb 02 j 23:03	20° ♄ 22'12		retrograde	-4826 Jan 13 j 15:04	2° ♄ 54'54	
inferior conj	-4827 Feb 10 j 21:57	16° ♄ 06'12	3°22'51	evening set	-4826 Jan 16 j 04:00	2° ♄ 30'29	
minimum elong	-4827 Feb 11 j 02:29	15° ♄ 58'12	3°21'43		-4826 Jan 20 j 18:56	30° ♄	
min. Earth dist.	-4827 Feb 14 j 01:10	13° ♄ 54'27	0.57313 AU	inferior conj	-4826 Jan 23 j 11:10	27° ♄ 54'05	3°59'02
morning rise	-4827 Feb 19 j 03:25	11° ♄ 03'38		minimum elong	-4826 Jan 23 j 12:59	27° ♄ 50'20	3°58'38
direct	-4827 Feb 24 j 10:19	9° ♄ 57'29		min. Earth dist.	-4826 Jan 26 j 19:53	25° ♄ 09'31	0.59185 AU
desc. node	-4827 Feb 25 j 07:13	9° ♄ 59'18		morning rise	-4826 Jan 30 j 19:57	22° ♄ 27'36	
morning max el	-4827 Mar 10 j 15:11	17° ♄ 16'51	25°34'05	direct	-4826 Feb 06 j 04:14	20° ♄ 42'23	
	-4827 Mar 21 j 01:51	0° ♄		desc. node	-4826 Feb 12 j 04:19	22° ♄ 11'13	
morning set	-4827 Apr 06 j 23:05	0° ♄		morning max el	-4826 Feb 20 j 09:51	28° ♄ 15'47	26°48'54
	-4827 Apr 06 j 19:23	0° ♄			-4826 Feb 22 j 03:02	0° ♄	
asc. node	-4827 Apr 11 j 04:05	9° ♄ 20'07			-4826 Mar 14 j 15:05	0° ♄	
				morning set	-4826 Mar 22 j 09:38	15° ♄ 17'04	
superior conj	-4827 Apr 13 j 23:07	15° ♄ 25'22	0°28'37	superior conj	-4826 Mar 29 j 10:50	0° ♄ 27'31	0°04'16
minimum elong	-4827 Apr 13 j 21:54	15° ♄ 18'39	0°28'17	minimum elong	-4826 Mar 29 j 10:39	0° ♄ 26'32	0°04'05
max. Earth dist.	-4827 Apr 14 j 19:37	17° ♄ 16'53	1.32876 AU	behind sun begin	-4826 Mar 29 j 05:48	0° ♄ 00'00	
	-4827 Apr 20 j 18:53	0° ♄		behind sun end	-4826 Mar 29 j 15:30	0° ♄ 53'04	
evening rise	-4827 Apr 21 j 02:51	0° ♄ 41'06		asc. node	-4826 Mar 29 j 01:02	29° ♄ 33'54	
	-4827 May 07 j 08:21	0° ♄			-4826 Mar 29 j 05:48	0° ♄	
evening max el	-4827 May 22 j 12:42	19° ♄ 15'50	27°09'22	max. Earth dist.	-4826 Mar 29 j 08:59	0° ♄ 17'27	1.32615 AU
desc. node	-4827 May 24 j 05:42	20° ♄ 49'35		evening rise	-4826 Apr 05 j 10:58	15° ♄ 33'24	
retrograde	-4827 Jun 05 j 11:20	26° ♄ 38'49			-4826 Apr 12 j 18:27	0° ♄	
evening set	-4827 Jun 12 j 09:53	24° ♄ 25'14			-4826 May 03 j 11:11	0° ♄	
min. Earth dist.	-4827 Jun 16 j 02:04	21° ♄ 37'40	0.61529 AU	evening max el	-4826 May 04 j 13:26	1° ♄ 04'37	26°20'54
inferior conj	-4827 Jun 19 j 06:17	18° ♄ 46'23	-4°10'47	desc. node	-4826 May 11 j 02:51	6° ♄ 09'07	
minimum elong	-4827 Jun 19 j 07:45	18° ♄ 43'03	4°10'31	retrograde	-4826 May 18 j 15:34	8° ♄ 23'51	
morning rise	-4827 Jun 26 j 07:09	13° ♄ 51'28		evening set	-4826 May 24 j 21:28	6° ♄ 45'41	
direct	-4827 Jun 28 j 20:56	13° ♄ 23'26		min. Earth dist.	-4826 May 29 j 02:22	4° ♄ 03'11	0.59494 AU
morning max el	-4827 Jul 05 j 18:12	16° ♄ 49'09	18°00'47	inferior conj	-4826 Jun 01 j 11:37	1° ♄ 24'22	-4°10'06
asc. node	-4827 Jul 08 j 03:51	19° ♄ 29'09		minimum elong	-4826 Jun 01 j 10:10	1° ♄ 27'14	4°09'54
	-4827 Jul 15 j 02:08	0° ♄			-4826 Jun 03 j 07:33	30° ♄	
morning set	-4827 Jul 21 j 21:12	12° ♄ 11'16		morning rise	-4826 Jun 09 j 01:18	26° ♄ 51'10	
	-4827 Jul 31 j 18:43	0° ♄		direct	-4826 Jun 11 j 13:29	26° ♄ 28'46	
				morning max el	-4826 Jun 19 j 04:13	0° ♄ 07'42	18°22'40
superior conj	-4827 Aug 01 j 10:19	1° ♄ 08'06	1°39'22		-4826 Jun 19 j 00:57	0° ♄	
minimum elong	-4827 Aug 01 j 14:05	1° ♄ 24'32	1°39'23	asc. node	-4826 Jun 25 j 00:52	7° ♄ 29'18	
max. Earth dist.	-4827 Aug 08 j 20:00	13° ♄ 42'26	1.42202 AU	morning set	-4826 Jul 05 j 06:34	25° ♄ 40'46	
evening rise	-4827 Aug 15 j 10:51	24° ♄ 25'31			-4826 Jul 07 j 12:55	0° ♄	
	-4827 Aug 19 j 00:06	0° ♄					
desc. node	-4827 Aug 20 j 04:39	1° ♄ 50'27		superior conj	-4826 Jul 14 j 14:23	13° ♄ 15'30	1°48'51
	-4827 Sep 08 j 14:51	0° ♄		minimum elong	-4826 Jul 14 j 15:19	13° ♄ 19'46	1°49'04
evening max el	-4827 Sep 16 j 15:23	9° ♄ 34'14	21°59'16	max. Earth dist.	-4826 Jul 22 j 00:22	26° ♄ 27'14	1.40370 AU
retrograde	-4827 Sep 25 j 20:21	15° ♄ 02'23			-4826 Jul 24 j 02:13	0° ♄	
evening set	-4827 Sep 30 j 05:47	13° ♄ 17'26		evening rise	-4826 Jul 26 j 15:50	4° ♄ 17'46	
asc. node	-4827 Oct 04 j 02:51	9° ♄ 00'18		desc. node	-4826 Aug 07 j 01:39	22° ♄ 19'59	
inferior conj	-4827 Oct 05 j 13:23	7° ♄ 02'30	0°29'23		-4826 Aug 12 j 06:04	0° ♄	
minimum elong	-4827 Oct 05 j 12:42	7° ♄ 04'51	0°29'12	evening max el	-4826 Aug 30 j 05:24	22° ♄ 58'45	23°19'23
min. Earth dist.	-4827 Oct 05 j 16:28	6° ♄ 51'50	0.67317 AU	retrograde	-4826 Sep 09 j 13:28	29° ♄ 06'06	
morning rise	-4827 Oct 10 j 19:30	0° ♄ 47'17		evening set	-4826 Sep 14 j 12:52	27° ♄ 01'22	
	-4827 Oct 11 j 20:48	30° ♄		inferior conj	-4826 Sep 19 j 19:56	20° ♄ 43'17	-0°23'53
direct	-4827 Oct 15 j 13:42	28° ♄ 49'00		minimum elong	-4826 Sep 19 j 20:29	20° ♄ 41'24	0°23'28
	-4827 Oct 19 j 14:59	0° ♄		min. Earth dist.	-4826 Sep 19 j 12:50	21° ♄ 07'41	0.67375 AU
morning max el	-4827 Oct 25 j 11:14	4° ♄ 43'23	22°49'41	asc. node	-4826 Sep 20 j 24:00	19° ♄ 07'46	
	-4827 Nov 13 j 18:37	0° ♄		morning rise	-4826 Sep 25 j 04:01	14° ♄ 31'27	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

direct	-4826 Sep 29 j 08:24	12° Ω 54'05				-4825 Sep 19 j 08:50	0° Ω	
morning max el	-4826 Oct 08 j 02:39	18° Ω 05'28	21°27'07	morning max el		-4825 Sep 21 j 00:55	1° Ω 35'26	20°14'17
	-4826 Oct 17 j 18:17	0° Π				-4825 Oct 11 j 12:45	0° Π	
desc. node	-4826 Nov 03 j 01:35	23° Π 58'07		morning set		-4825 Oct 18 j 02:22	10° Π 05'52	
	-4826 Nov 06 j 22:47	0° Ω		desc. node		-4825 Oct 20 j 22:28	14° Π 30'46	
morning set	-4826 Nov 08 j 03:26	1° Ω 52'37		max. Earth dist.		-4825 Oct 28 j 23:27	27° Π 13'23	1.43654 AU
max. Earth dist.	-4826 Nov 15 j 14:07	13° Ω 51'42	1.42130 AU			-4825 Oct 30 j 16:53	0° Ω	
superior conj	-4826 Nov 22 j 21:54	26° Ω 11'28	-1°43'36	superior conj		-4825 Nov 03 j 11:25	6° Ω 08'07	-1°18'44
minimum elong	-4826 Nov 22 j 17:45	25° Ω 53'37	1°43'28	minimum elong		-4825 Nov 03 j 04:46	5° Ω 40'55	1°18'05
	-4826 Nov 25 j 02:33	0° Π		evening rise		-4825 Nov 16 j 09:34	27° Ω 57'39	
evening rise	-4826 Dec 04 j 00:35	15° Π 58'03				-4825 Nov 17 j 13:51	0° Π	
	-4826 Dec 11 j 21:29	0° Σ		evening max el		-4825 Dec 04 j 03:04	25° Π 30'51	18°12'22
asc. node	-4826 Dec 17 j 22:40	9° Σ 12'45		asc. node		-4825 Dec 04 j 19:49	26° Π 11'25	
evening max el	-4826 Dec 20 j 14:34	12° Σ 15'58	18°08'51	retrograde		-4825 Dec 10 j 16:29	29° Π 01'32	
retrograde	-4826 Dec 27 j 09:43	15° Σ 45'11		evening set		-4825 Dec 13 j 11:25	28° Π 21'52	
evening set	-4826 Dec 30 j 01:18	15° Σ 13'47		inferior conj		-4825 Dec 19 j 18:44	23° Π 03'34	3°48'21
inferior conj	-4825 Jan 05 j 19:17	10° Σ 15'59	4°04'32	minimum elong		-4825 Dec 19 j 16:08	23° Π 10'30	3°47'47
minimum elong	-4825 Jan 05 j 18:23	10° Σ 18'08	4°04'15	min. Earth dist.		-4825 Dec 22 j 07:45	20° Π 21'33	0.63017 AU
min. Earth dist.	-4825 Jan 08 j 21:18	7° Σ 22'04	0.61172 AU	morning rise		-4825 Dec 25 j 20:06	17° Π 08'38	
morning rise	-4825 Jan 12 j 10:09	4° Σ 32'54		direct		-4824 Jan 01 j 21:57	14° Π 25'07	
direct	-4825 Jan 19 j 08:58	2° Σ 12'02		morning max el		-4824 Jan 15 j 16:44	22° Π 07'43	27°40'15
desc. node	-4825 Jan 30 j 01:23	6° Σ 51'29		desc. node		-4824 Jan 16 j 22:26	23° Π 22'52	
morning max el	-4825 Feb 02 j 10:39	9° Σ 52'39	27°32'33			-4824 Jan 22 j 16:24	0° Σ	
	-4825 Feb 18 j 02:13	0° Ξ				-4824 Feb 11 j 04:23	0° Ξ	
morning set	-4825 Mar 06 j 16:43	0° \approx 02'38		morning set		-4824 Feb 18 j 17:57	14° Ξ 26'48	
	-4825 Mar 06 j 16:12	0° \approx		max. Earth dist.		-4824 Feb 24 j 05:24	25° Ξ 48'06	1.33141 AU
max. Earth dist.	-4825 Mar 12 j 21:32	13° \approx 12'40	1.32693 AU					
superior conj	-4825 Mar 13 j 22:10	15° \approx 26'40	-0°20'35	superior conj		-4824 Feb 26 j 07:20	0° \approx 15'26	-0°45'01
minimum elong	-4825 Mar 13 j 23:05	15° \approx 31'42	0°20'35	minimum elong		-4824 Feb 26 j 09:17	0° \approx 25'54	0°44'52
	-4825 Mar 15 j 22:00	19° \approx 47'36				-4824 Feb 26 j 04:28	0° \approx	
asc. node	-4825 Mar 15 j 22:00	19° \approx 47'36		asc. node		-4824 Mar 01 j 18:59	9° \approx 56'14	
evening rise	-4825 Mar 20 j 21:46	0° X 31'43		evening rise		-4824 Mar 04 j 09:23	15° \approx 28'16	
	-4825 Mar 20 j 15:45	0° X				-4824 Mar 11 j 17:15	0° X	
	-4825 Apr 06 j 06:08	0° Υ		evening max el		-4824 Mar 28 j 00:39	23° X 02'02	23°34'06
evening max el	-4825 Apr 16 j 08:24	12° Υ 15'08	25°05'28	retrograde		-4824 Apr 10 j 14:57	29° X 46'22	
desc. node	-4825 Apr 28 j 00:02	19° Υ 10'23		desc. node		-4824 Apr 13 j 21:14	29° X 22'54	
retrograde	-4825 Apr 30 j 09:41	19° Υ 23'55		evening set		-4824 Apr 14 j 09:40	29° X 15'01	
evening set	-4825 May 05 j 11:50	18° Υ 23'57		min. Earth dist.		-4824 Apr 21 j 12:09	25° X 58'29	0.56035 AU
min. Earth dist.	-4825 May 10 j 20:51	15° Υ 30'18	0.57549 AU	inferior conj		-4824 Apr 23 j 12:31	24° X 45'58	-2°29'16
inferior conj	-4825 May 13 j 22:03	13° Υ 26'12	-3°38'58	minimum elong		-4824 Apr 23 j 07:01	24° X 54'15	2°27'47
minimum elong	-4825 May 13 j 17:24	13° Υ 34'09	3°38'07	morning rise		-4824 May 02 j 07:05	20° X 45'53	
morning rise	-4825 May 22 j 02:04	9° Υ 12'50		direct		-4824 May 04 j 17:59	20° X 30'44	
direct	-4825 May 24 j 12:59	8° Υ 54'57		morning max el		-4824 May 15 j 01:34	25° X 18'54	20°06'57
morning max el	-4825 Jun 02 j 07:35	13° Υ 01'13	19°04'39			-4824 May 19 j 06:40	0° Υ	
asc. node	-4825 Jun 11 j 21:53	26° Υ 12'03		asc. node		-4824 May 28 j 18:52	15° Υ 26'12	
	-4825 Jun 14 j 00:45	0° B		morning set		-4824 Jun 02 j 05:53	24° Υ 13'24	
morning set	-4825 Jun 19 j 02:32	9° B 44'33				-4824 Jun 05 j 01:55	0° B	
superior conj	-4825 Jun 27 j 13:25	26° B 21'39	1°47'30	superior conj		-4824 Jun 10 j 02:06	10° B 10'49	1°38'11
minimum elong	-4825 Jun 27 j 12:12	26° B 15'45	1°47'40	minimum elong		-4824 Jun 09 j 23:42	9° B 58'47	1°38'09
	-4825 Jun 29 j 11:08	0° Π		max. Earth dist.		-4824 Jun 15 j 06:03	20° B 18'58	1.36630 AU
max. Earth dist.	-4825 Jul 04 j 01:38	8° Π 32'10	1.38437 AU	evening rise		-4824 Jun 19 j 06:37	27° B 50'37	
evening rise	-4825 Jul 07 j 23:29	15° Π 28'51				-4824 Jun 20 j 11:07	0° Π	
	-4825 Jul 16 j 16:44	0° E				-4824 Jul 09 j 00:41	0° E	
desc. node	-4825 Jul 24 j 22:40	12° E 36'11		desc. node		-4824 Jul 10 j 19:45	2° E 32'31	
	-4825 Aug 06 j 20:47	0° Ω		evening max el		-4824 Jul 25 j 03:15	19° E 57'21	25°51'33
evening max el	-4825 Aug 12 j 16:31	6° Ω 26'27	24°39'25	retrograde		-4824 Aug 06 j 11:39	27° E 02'49	
retrograde	-4825 Aug 24 j 02:49	13° Ω 07'45		evening set		-4824 Aug 12 j 16:47	24° E 23'35	
evening set	-4825 Aug 29 j 17:11	10° Ω 44'01		min. Earth dist.		-4824 Aug 16 j 22:51	19° E 42'28	0.66565 AU
min. Earth dist.	-4825 Sep 03 j 07:48	5° Ω 25'13	0.67134 AU	inferior conj		-4824 Aug 18 j 04:07	18° E 09'18	-2°06'56
inferior conj	-4825 Sep 04 j 01:26	4° Ω 26'15	-1°16'34	minimum elong		-4824 Aug 18 j 06:54	18° E 00'24	2°05'41
minimum elong	-4825 Sep 04 j 03:12	4° Ω 20'23	1°15'37	morning rise		-4824 Aug 23 j 21:08	12° E 14'01	
asc. node	-4825 Sep 07 j 21:10	29° E 47'09		asc. node		-4824 Aug 24 j 18:18	11° E 44'58	
	-4825 Sep 07 j 16:07	30° RE		direct		-4824 Aug 27 j 04:02	11° E 11'32	
morning rise	-4825 Sep 09 j 13:11	28° E 21'00		morning max el		-4824 Sep 03 j 06:14	15° E 13'55	19°15'07
direct	-4825 Sep 13 j 05:43	27° E 02'29				-4824 Sep 14 j 06:40	0° Ω	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning set	-4824 Sep 26 j 08:58	18° Ω 47'45		morning set	-4823 Aug 18 j 16:21	0° \mathfrak{G}	
	-4824 Oct 03 j 12:20	0° \mathfrak{M}			-4823 Sep 06 j 15:33	28° \mathfrak{G} 40'48	
desc. node	-4824 Oct 06 j 19:22	5° \mathfrak{M} 10'37			-4823 Sep 07 j 11:05	0° Ω	
max. Earth dist.	-4824 Oct 10 j 15:01	11° \mathfrak{M} 11'58	1.44576 AU				
				superior conj	-4823 Sep 21 j 22:18	23° Ω 08'18	0°11'02
superior conj	-4824 Oct 12 j 22:58	14° \mathfrak{M} 53'32	-0°38'08	minimum elong	-4823 Sep 21 j 23:44	23° Ω 14'01	0°11'00
minimum elong	-4824 Oct 12 j 18:17	14° \mathfrak{M} 34'59	0°37'27	behind sun begin	-4823 Sep 21 j 15:17	22° Ω 40'35	
	-4824 Oct 22 j 08:58	0° \mathfrak{L}		behind sun end	-4823 Sep 22 j 08:12	23° Ω 47'27	
evening rise	-4824 Oct 27 j 21:00	8° \mathfrak{L} 59'43		max. Earth dist.	-4823 Sep 23 j 09:13	25° Ω 26'07	1.44785 AU
	-4824 Nov 09 j 20:34	0° \mathfrak{M}		desc. node	-4823 Sep 23 j 16:17	25° Ω 54'01	
evening max el	-4824 Nov 16 j 15:34	8° \mathfrak{M} 53'49	18°34'15		-4823 Sep 26 j 06:44	0° \mathfrak{M}	
asc. node	-4824 Nov 20 j 16:59	11° \mathfrak{M} 59'33		evening rise	-4823 Oct 08 j 07:24	18° \mathfrak{M} 56'51	
retrograde	-4824 Nov 23 j 07:16	12° \mathfrak{M} 36'07			-4823 Oct 15 j 07:30	0° \mathfrak{L}	
evening set	-4824 Nov 26 j 06:55	11° \mathfrak{M} 46'31		greatest brilliancy	-4823 Oct 17 j 09:50	3° \mathfrak{L} 17'06	-0.8m
inferior conj	-4824 Dec 02 j 05:48	6° \mathfrak{M} 10'02	3°17'38	evening max el	-4823 Oct 31 j 01:26	22° \mathfrak{L} 19'38	19°13'18
minimum elong	-4824 Dec 02 j 02:34	6° \mathfrak{M} 19'32	3°16'43	retrograde	-4823 Nov 07 j 02:37	26° \mathfrak{L} 22'33	
min. Earth dist.	-4824 Dec 04 j 04:07	3° \mathfrak{M} 54'05	0.64567 AU	asc. node	-4823 Nov 07 j 14:09	26° \mathfrak{L} 21'13	
morning rise	-4824 Dec 07 j 21:48	0° \mathfrak{M} 05'58		evening set	-4823 Nov 10 j 08:49	25° \mathfrak{L} 20'52	
	-4824 Dec 08 j 00:40	30° \mathfrak{R} \mathfrak{L}		inferior conj	-4823 Nov 16 j 01:13	19° \mathfrak{L} 29'15	2°37'12
direct	-4824 Dec 14 j 17:44	27° \mathfrak{L} 15'15		minimum elong	-4823 Nov 15 j 22:10	19° \mathfrak{L} 38'57	2°36'09
	-4824 Dec 22 j 06:23	0° \mathfrak{M}		min. Earth dist.	-4823 Nov 17 j 09:42	17° \mathfrak{L} 46'26	0.65766 AU
morning max el	-4824 Dec 28 j 01:54	4° \mathfrak{M} 53'42	27°13'35	morning rise	-4823 Nov 21 j 11:15	13° \mathfrak{L} 18'28	
desc. node	-4823 Jan 02 j 19:26	11° \mathfrak{M} 13'45		direct	-4823 Nov 27 j 19:35	10° \mathfrak{L} 33'24	
	-4823 Jan 16 j 06:32	0° \mathfrak{J}		morning max el	-4823 Dec 10 j 11:39	17° \mathfrak{L} 58'12	26°18'33
morning set	-4823 Feb 01 j 10:28	28° \mathfrak{J} 19'59		desc. node	-4823 Dec 20 j 16:23	0° \mathfrak{M} 00'14	
	-4823 Feb 02 j 06:54	0° \mathfrak{Z}			-4823 Dec 20 j 16:19	0° \mathfrak{M}	
max. Earth dist.	-4823 Feb 06 j 04:53	7° \mathfrak{Z} 52'58	1.33999 AU		-4822 Jan 09 j 05:13	0° \mathfrak{J}	
				morning set	-4822 Jan 15 j 14:19	11° \mathfrak{J} 29'53	
superior conj	-4823 Feb 09 j 12:28	14° \mathfrak{Z} 47'22	-1°08'00	max. Earth dist.	-4822 Jan 19 j 17:04	19° \mathfrak{J} 22'46	1.35292 AU
minimum elong	-4823 Feb 09 j 15:11	15° \mathfrak{Z} 01'43	1°07'49				
evening rise	-4823 Feb 16 j 20:05	0° \mathfrak{A} 16'49		superior conj	-4822 Jan 24 j 11:11	28° \mathfrak{J} 54'39	-1°28'13
asc. node	-4823 Feb 16 j 16:00	29° \mathfrak{Z} 55'31		minimum elong	-4822 Jan 24 j 14:12	29° \mathfrak{J} 10'05	1°28'06
	-4823 Feb 16 j 16:52	0° \mathfrak{A}			-4822 Jan 24 j 23:56	0° \mathfrak{Z}	
	-4823 Mar 06 j 06:00	0° \mathfrak{H}		evening rise	-4822 Feb 01 j 04:00	14° \mathfrak{Z} 50'41	
evening max el	-4823 Mar 09 j 19:50	3° \mathfrak{H} 50'47	22°00'45	asc. node	-4822 Feb 03 j 13:03	19° \mathfrak{Z} 40'13	
retrograde	-4823 Mar 22 j 08:27	9° \mathfrak{H} 54'07			-4822 Feb 09 j 00:07	0° \mathfrak{A}	
evening set	-4823 Mar 25 j 03:35	9° \mathfrak{H} 36'44		evening max el	-4822 Feb 19 j 23:14	15° \mathfrak{A} 04'20	20°37'15
desc. node	-4823 Mar 31 j 18:24	7° \mathfrak{H} 01'21		retrograde	-4822 Mar 02 j 22:32	20° \mathfrak{A} 16'59	
inferior conj	-4823 Apr 03 j 11:46	5° \mathfrak{H} 30'57	-0°44'49	evening set	-4822 Mar 05 j 07:32	20° \mathfrak{A} 03'19	
minimum elong	-4823 Apr 03 j 09:42	5° \mathfrak{H} 33'51	0°44'14	inferior conj	-4822 Mar 14 j 07:46	16° \mathfrak{A} 05'08	1°10'28
min. Earth dist.	-4823 Apr 03 j 02:11	5° \mathfrak{H} 44'27	0.55260 AU	minimum elong	-4822 Mar 14 j 10:49	16° \mathfrak{A} 00'41	1°09'16
morning rise	-4823 Apr 12 j 16:52	1° \mathfrak{H} 31'12		min. Earth dist.	-4822 Mar 15 j 16:16	15° \mathfrak{A} 17'54	0.55391 AU
direct	-4823 Apr 15 j 09:06	1° \mathfrak{H} 15'07		desc. node	-4822 Mar 18 j 15:31	13° \mathfrak{A} 40'21	
morning max el	-4823 Apr 27 j 08:38	6° \mathfrak{H} 55'00	21°28'05	morning rise	-4822 Mar 23 j 12:52	11° \mathfrak{A} 47'38	
	-4823 May 13 j 02:10	0° \mathfrak{Y}		direct	-4822 Mar 26 j 21:48	11° \mathfrak{A} 22'52	
asc. node	-4823 May 15 j 15:48	5° \mathfrak{Y} 03'45		morning max el	-4822 Apr 09 j 05:51	17° \mathfrak{A} 53'30	23°03'00
morning set	-4823 May 17 j 14:08	9° \mathfrak{Y} 00'07			-4822 Apr 19 j 00:15	0° \mathfrak{H}	
				morning set	-4822 May 02 j 01:18	23° \mathfrak{H} 58'33	
superior conj	-4823 May 25 j 00:23	24° \mathfrak{Y} 31'06	1°23'09	asc. node	-4822 May 02 j 12:45	24° \mathfrak{H} 58'29	
minimum elong	-4823 May 24 j 21:39	24° \mathfrak{Y} 16'55	1°22'53		-4822 May 04 j 21:41	0° \mathfrak{Y}	
	-4823 May 27 j 16:23	0° \mathfrak{B}					
max. Earth dist.	-4823 May 28 j 18:44	2° \mathfrak{B} 13'14	1.35114 AU	superior conj	-4822 May 09 j 05:13	9° \mathfrak{Y} 13'20	1°04'02
evening rise	-4823 Jun 02 j 07:47	11° \mathfrak{B} 07'58		minimum elong	-4822 May 09 j 02:46	9° \mathfrak{Y} 00'15	1°03'39
	-4823 Jun 12 j 21:47	0° \mathfrak{H}		max. Earth dist.	-4822 May 11 j 17:15	14° \mathfrak{Y} 30'28	1.33956 AU
desc. node	-4823 Jun 27 j 16:53	21° \mathfrak{H} 59'54		evening rise	-4822 May 16 j 22:04	25° \mathfrak{Y} 06'54	
	-4823 Jul 04 j 07:32	0° \mathfrak{G}			-4822 May 19 j 10:19	0° \mathfrak{B}	
evening max el	-4823 Jul 07 j 14:26	3° \mathfrak{G} 25'02	26°47'34		-4822 Jun 06 j 08:52	0° \mathfrak{H}	
retrograde	-4823 Jul 20 j 15:25	10° \mathfrak{G} 44'33		desc. node	-4822 Jun 14 j 13:59	10° \mathfrak{H} 46'07	
evening set	-4823 Jul 27 j 09:17	7° \mathfrak{G} 56'42		evening max el	-4822 Jun 20 j 01:23	16° \mathfrak{H} 39'56	27°19'55
min. Earth dist.	-4823 Jul 31 j 07:34	3° \mathfrak{G} 54'20	0.65632 AU	retrograde	-4822 Jul 03 j 13:54	24° \mathfrak{H} 05'14	
inferior conj	-4823 Aug 02 j 01:53	1° \mathfrak{G} 48'45	-2°53'06	evening set	-4822 Jul 10 j 15:50	21° \mathfrak{H} 19'43	
minimum elong	-4823 Aug 02 j 05:22	1° \mathfrak{G} 38'25	2°51'49	min. Earth dist.	-4822 Jul 14 j 08:00	17° \mathfrak{H} 53'29	0.64311 AU
	-4823 Aug 03 j 15:16	30° \mathfrak{R} \mathfrak{H}		inferior conj	-4822 Jul 16 j 16:24	15° \mathfrak{H} 20'37	-3°32'27
morning rise	-4823 Aug 08 j 01:45	26° \mathfrak{H} 06'44		minimum elong	-4822 Jul 16 j 19:56	15° \mathfrak{H} 11'01	3°31'27
direct	-4823 Aug 11 j 01:14	25° \mathfrak{H} 17'13		morning rise	-4822 Jul 23 j 00:42	9° \mathfrak{H} 54'53	
asc. node	-4823 Aug 11 j 15:23	25° \mathfrak{H} 19'08		direct	-4822 Jul 25 j 18:55	9° \mathfrak{H} 15'31	
morning max el	-4823 Aug 17 j 17:04	28° \mathfrak{H} 57'54	18°31'44	asc. node	-4822 Jul 29 j 12:25	10° \mathfrak{H} 26'39	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning max el	-4822 Aug 01 j 07:09	12° Π 43'19	18°05'22	minimum elong	-4821 Jun 29 j 23:23	28° \mathcal{B} 31'54	4°00'43
	-4822 Aug 13 j 05:38	0° \mathfrak{D}		morning rise	-4821 Jul 06 j 15:07	23° \mathcal{B} 31'18	
morning set	-4822 Aug 19 j 01:02	9° \mathfrak{D} 50'49		direct	-4821 Jul 09 j 05:58	22° \mathcal{B} 59'44	
	-4822 Aug 31 j 03:11	0° \mathcal{O}		morning max el	-4821 Jul 15 j 21:48	26° \mathcal{B} 23'41	17°56'59
				asc. node	-4821 Jul 16 j 09:27	26° \mathcal{B} 53'11	
superior conj	-4822 Sep 01 j 08:20	1° \mathcal{O} 58'18	0°55'58		-4821 Jul 19 j 00:26	0° Π	
minimum elong	-4822 Sep 01 j 13:59	2° \mathcal{O} 21'11	0°55'32	morning set	-4821 Aug 01 j 09:14	22° Π 05'29	
max. Earth dist.	-4822 Sep 06 j 02:16	9° \mathcal{O} 35'25	1.44268 AU		-4821 Aug 05 j 20:14	0° \mathfrak{D}	
desc. node	-4822 Sep 10 j 13:15	16° \mathcal{O} 38'11					
evening rise	-4822 Sep 17 j 19:22	27° \mathcal{O} 56'30		superior conj	-4821 Aug 12 j 19:45	12° \mathfrak{D} 03'38	1°27'50
	-4822 Sep 19 j 03:20	0° \mathfrak{M}		minimum elong	-4821 Aug 13 j 00:59	12° \mathfrak{D} 25'46	1°27'37
greatest brilliancy	-4822 Oct 01 j 08:43	18° \mathfrak{M} 35'33	-0.6m	max. Earth dist.	-4821 Aug 19 j 15:17	23° \mathfrak{D} 21'39	1.43106 AU
	-4822 Oct 09 j 10:03	0° \mathfrak{L}			-4821 Aug 23 j 18:25	0° \mathcal{O}	
evening max el	-4822 Oct 14 j 06:37	5° \mathfrak{L} 46'10	20°07'58	evening rise	-4821 Aug 27 j 22:47	6° \mathcal{O} 35'01	
retrograde	-4822 Oct 21 j 23:44	10° \mathfrak{L} 17'30		desc. node	-4821 Aug 28 j 10:12	7° \mathcal{O} 19'29	
asc. node	-4822 Oct 25 j 11:17	9° \mathfrak{L} 07'03			-4821 Sep 12 j 11:38	0° \mathfrak{M}	
evening set	-4822 Oct 25 j 14:42	9° \mathfrak{L} 01'09		evening max el	-4821 Sep 27 j 05:46	19° \mathfrak{M} 11'53	21°15'52
inferior conj	-4822 Oct 31 j 02:25	2° \mathfrak{L} 57'53	1°50'25	retrograde	-4821 Oct 05 j 20:29	24° \mathfrak{M} 18'02	
minimum elong	-4822 Oct 31 j 00:03	3° \mathfrak{L} 05'46	1°49'31	evening set	-4821 Oct 09 j 22:30	22° \mathfrak{M} 44'19	
min. Earth dist.	-4822 Oct 31 j 22:36	1° \mathfrak{L} 50'36	0.66621 AU	asc. node	-4821 Oct 12 j 08:25	20° \mathfrak{M} 22'38	
	-4822 Nov 02 j 08:42	30° \mathfrak{R} \mathfrak{M}		inferior conj	-4821 Oct 15 j 07:10	16° \mathfrak{M} 32'50	0°59'40
morning rise	-4822 Nov 05 j 09:11	26° \mathfrak{M} 42'57		minimum elong	-4821 Oct 15 j 05:49	16° \mathfrak{M} 37'28	0°59'10
direct	-4822 Nov 11 j 03:09	24° \mathfrak{M} 12'31		min. Earth dist.	-4821 Oct 15 j 16:19	16° \mathfrak{M} 01'25	0.67150 AU
	-4822 Nov 21 j 15:41	0° \mathfrak{L}		morning rise	-4821 Oct 20 j 12:57	10° \mathfrak{M} 16'48	
morning max el	-4822 Nov 22 j 20:38	1° \mathfrak{L} 10'42	25°03'47	direct	-4821 Oct 25 j 15:46	8° \mathfrak{M} 05'59	
desc. node	-4822 Dec 07 j 13:21	19° \mathfrak{L} 26'21		morning max el	-4821 Nov 05 j 05:43	14° \mathfrak{M} 25'33	23°39'07
	-4822 Dec 14 j 17:02	0° \mathfrak{M}			-4821 Nov 17 j 21:28	0° \mathfrak{L}	
morning set	-4822 Dec 29 j 00:24	23° \mathfrak{M} 42'04		desc. node	-4821 Nov 24 j 10:18	9° \mathfrak{L} 20'38	
	-4821 Jan 01 j 11:38	0° \mathfrak{X}			-4821 Dec 07 j 15:30	0° \mathfrak{M}	
max. Earth dist.	-4821 Jan 01 j 18:14	0° \mathfrak{X} 30'32	1.37009 AU	morning set	-4821 Dec 10 j 10:38	4° \mathfrak{M} 40'39	
				max. Earth dist.	-4821 Dec 14 j 14:02	11° \mathfrak{M} 49'14	1.39017 AU
superior conj	-4821 Jan 08 j 00:32	12° \mathfrak{X} 29'04	-1°43'49				
minimum elong	-4821 Jan 08 j 03:03	12° \mathfrak{X} 41'28	1°43'52	superior conj	-4821 Dec 22 j 00:38	25° \mathfrak{M} 20'18	-1°52'22
evening rise	-4821 Jan 16 j 07:06	29° \mathfrak{X} 03'55		minimum elong	-4821 Dec 22 j 01:30	25° \mathfrak{M} 24'23	1°52'33
	-4821 Jan 16 j 18:18	0° \mathfrak{Z}			-4821 Dec 24 j 11:45	0° \mathfrak{X}	
asc. node	-4821 Jan 21 j 10:06	9° \mathfrak{Z} 04'30		evening rise	-4821 Dec 31 j 02:58	12° \mathfrak{X} 50'27	
evening max el	-4821 Feb 02 j 13:11	26° \mathfrak{Z} 53'21	19°30'22	asc. node	-4820 Jan 08 j 07:10	28° \mathfrak{X} 01'32	
	-4821 Feb 06 j 18:31	0° \mathfrak{A}			-4820 Jan 09 j 11:44	0° \mathfrak{Z}	
retrograde	-4821 Feb 11 j 20:54	1° \mathfrak{A} 18'40		evening max el	-4820 Jan 16 j 12:51	9° \mathfrak{Z} 16'45	18°42'54
evening set	-4821 Feb 14 j 05:36	1° \mathfrak{A} 02'55		retrograde	-4820 Jan 24 j 12:18	13° \mathfrak{Z} 08'13	
	-4821 Feb 17 j 07:21	30° \mathfrak{R} \mathfrak{Z}		evening set	-4820 Jan 26 j 23:49	12° \mathfrak{Z} 47'18	
inferior conj	-4821 Feb 22 j 14:19	26° \mathfrak{Z} 56'52	2°45'04	inferior conj	-4820 Feb 03 j 15:48	8° \mathfrak{Z} 23'21	3°42'30
minimum elong	-4821 Feb 22 j 19:28	26° \mathfrak{Z} 48'29	2°43'31	minimum elong	-4820 Feb 03 j 19:18	8° \mathfrak{Z} 16'45	3°41'45
min. Earth dist.	-4821 Feb 25 j 07:00	25° \mathfrak{Z} 12'19	0.56408 AU	min. Earth dist.	-4820 Feb 06 j 23:27	5° \mathfrak{Z} 54'44	0.58074 AU
morning rise	-4821 Mar 03 j 06:44	22° \mathfrak{Z} 10'20		morning rise	-4820 Feb 11 j 12:23	3° \mathfrak{Z} 09'47	
desc. node	-4821 Mar 05 j 12:39	21° \mathfrak{Z} 35'30		direct	-4820 Feb 17 j 07:28	1° \mathfrak{Z} 47'03	
direct	-4821 Mar 07 j 20:01	21° \mathfrak{Z} 23'13		desc. node	-4820 Feb 20 j 09:46	2° \mathfrak{Z} 10'30	
morning max el	-4821 Mar 21 j 21:20	28° \mathfrak{Z} 30'40	24°41'29	morning max el	-4820 Mar 02 j 13:09	9° \mathfrak{Z} 13'51	26°09'05
	-4821 Mar 23 j 09:05	0° \mathfrak{A}			-4820 Mar 18 j 06:25	0° \mathfrak{A}	
	-4821 Apr 12 j 03:01	0° \mathfrak{H}		morning set	-4820 Mar 31 j 01:13	24° \mathfrak{A} 02'59	
morning set	-4821 Apr 16 j 13:32	9° \mathfrak{H} 01'30			-4820 Apr 02 j 20:20	0° \mathfrak{H}	
asc. node	-4821 Apr 19 j 09:42	15° \mathfrak{H} 04'17		asc. node	-4820 Apr 05 j 06:40	5° \mathfrak{H} 16'34	
superior conj	-4821 Apr 23 j 14:12	24° \mathfrak{H} 08'36	0°42'08	superior conj	-4820 Apr 07 j 01:25	9° \mathfrak{H} 10'09	0°18'25
minimum elong	-4821 Apr 23 j 12:26	23° \mathfrak{H} 59'04	0°41'45	minimum elong	-4820 Apr 07 j 00:37	9° \mathfrak{H} 05'47	0°18'08
max. Earth dist.	-4821 Apr 25 j 00:04	27° \mathfrak{H} 11'33	1.33164 AU	max. Earth dist.	-4820 Apr 07 j 12:08	10° \mathfrak{H} 08'41	1.32723 AU
	-4821 Apr 26 j 07:30	0° \mathfrak{Y}		evening rise	-4820 Apr 14 j 03:12	24° \mathfrak{H} 20'18	
evening rise	-4821 Apr 30 j 21:31	9° \mathfrak{Y} 34'18			-4820 Apr 16 j 22:01	0° \mathfrak{Y}	
	-4821 May 11 j 18:58	0° \mathcal{B}			-4820 May 04 j 15:50	0° \mathcal{B}	
desc. node	-4821 Jun 01 j 11:07	28° \mathcal{B} 32'59		evening max el	-4820 May 14 j 14:44	11° \mathcal{B} 43'25	26°52'39
evening max el	-4821 Jun 02 j 10:15	29° \mathcal{B} 29'44	27°22'41	desc. node	-4820 May 18 j 08:15	14° \mathcal{B} 55'34	
	-4821 Jun 02 j 23:03	0° Π		retrograde	-4820 May 28 j 15:23	19° \mathcal{B} 04'56	
retrograde	-4821 Jun 16 j 06:22	6° Π 54'53		evening set	-4820 Jun 04 j 08:10	17° \mathcal{B} 05'44	
evening set	-4821 Jun 23 j 08:50	4° Π 25'41		min. Earth dist.	-4820 Jun 08 j 04:17	14° \mathcal{B} 22'06	0.60671 AU
min. Earth dist.	-4821 Jun 26 j 22:55	1° Π 27'31	0.62626 AU	inferior conj	-4820 Jun 11 j 11:38	11° \mathcal{B} 33'36	-4°13'38
	-4821 Jun 28 j 11:23	30° \mathfrak{R} \mathcal{B}		minimum elong	-4820 Jun 11 j 11:59	11° \mathcal{B} 32'49	4°13'28
inferior conj	-4821 Jun 29 j 20:47	28° \mathcal{B} 38'13	-4°01'14	morning rise	-4820 Jun 18 j 17:42	6° \mathcal{B} 47'33	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

direct	-4820 Jun 21 j 06:41	6° U 22'02			-4819 May 14 j 03:19	30° R Y	
morning max el	-4820 Jun 28 j 10:15	9° U 52'07	18°07'35	evening set	-4819 May 16 j 10:33	29° Y 08'36	
asc. node	-4820 Jul 02 j 06:28	14° U 23'14		min. Earth dist.	-4819 May 21 j 01:34	26° Y 23'13	0.58639 AU
	-4820 Jul 11 j 15:35	0° II		inferior conj	-4819 May 24 j 09:14	23° Y 56'55	-4°01'14
morning set	-4820 Jul 14 j 10:48	5° II 11'23		minimum elong	-4819 May 24 j 06:20	24° Y 02'18	4°00'50
				morning rise	-4819 Jun 01 j 04:49	19° Y 32'25	
superior conj	-4820 Jul 24 j 10:16	23° II 29'39	1°44'55	direct	-4819 Jun 03 j 16:39	19° Y 11'54	
minimum elong	-4820 Jul 24 j 12:48	23° II 40'57	1°45'02	morning max el	-4819 Jun 11 j 17:42	23° Y 00'29	18°38'04
	-4820 Jul 28 j 03:07	0° U			-4819 Jun 17 j 09:48	0° U	
max. Earth dist.	-4820 Jul 31 j 23:04	6° U 32'18	1.41460 AU	asc. node	-4819 Jun 19 j 03:30	2° U 42'36	
evening rise	-4820 Aug 06 j 14:18	15° U 48'51		morning set	-4819 Jun 28 j 01:09	18° U 56'51	
desc. node	-4820 Aug 14 j 07:10	27° U 54'28			-4819 Jul 03 j 18:20	0° II	
	-4820 Aug 15 j 16:08	0° U					
	-4820 Sep 06 j 12:24	0° U		superior conj	-4819 Jul 06 j 23:08	6° II 04'03	1°49'25
evening max el	-4820 Sep 08 j 22:52	2° U 36'50	22°33'01	minimum elong	-4819 Jul 06 j 23:02	6° II 03'35	1°49'39
retrograde	-4820 Sep 18 j 15:09	8° U 21'20		max. Earth dist.	-4819 Jul 14 j 02:11	19° II 01'14	1.39547 AU
evening set	-4820 Sep 23 j 06:21	6° U 28'10		evening rise	-4819 Jul 18 j 06:40	26° II 14'28	
asc. node	-4820 Sep 28 j 05:35	0° U 39'19			-4819 Jul 20 j 12:34	0° U	
inferior conj	-4820 Sep 28 j 13:34	0° U 11'46	0°06'49	desc. node	-4819 Aug 01 j 04:10	18° U 19'11	
minimum elong	-4820 Sep 28 j 13:24	0° U 12'19	0°06'53		-4819 Aug 09 j 07:36	0° U	
transit middle	-4820 Sep 28 j 13:24	0° U 12'19	0°06'53	evening max el	-4819 Aug 22 j 11:26	16° U 03'08	23°53'52
transit begin	-4820 Sep 28 j 10:57	0° U 20'46		retrograde	-4819 Sep 02 j 06:41	22° U 25'13	
transit end	-4820 Sep 28 j 15:51	0° U 03'52		evening set	-4819 Sep 07 j 12:30	20° U 12'00	
min. Earth dist.	-4820 Sep 28 j 12:23	0° U 15'50	0.67382 AU	inferior conj	-4819 Sep 12 j 19:53	13° U 53'49	-0°46'23
	-4820 Sep 28 j 16:58	30° R U		minimum elong	-4819 Sep 12 j 20:57	13° U 50'11	0°45'44
morning rise	-4820 Oct 03 j 20:18	23° U 57'38		min. Earth dist.	-4819 Sep 12 j 08:21	14° U 33'05	0.67315 AU
direct	-4820 Oct 08 j 08:32	22° U 08'11		asc. node	-4819 Sep 15 j 02:43	10° U 53'38	
morning max el	-4820 Oct 17 j 17:51	27° U 43'32	22°13'38	morning rise	-4819 Sep 18 j 05:21	7° U 44'41	
	-4820 Oct 19 j 20:39	0° U		direct	-4819 Sep 22 j 04:29	6° U 15'39	
desc. node	-4820 Nov 10 j 07:12	29° U 34'06		morning max el	-4819 Sep 30 j 12:08	11° U 09'18	20°54'44
	-4820 Nov 10 j 14:00	0° U			-4819 Oct 14 j 21:35	0° U	
morning set	-4820 Nov 19 j 16:24	14° U 15'06		desc. node	-4819 Oct 28 j 04:06	20° U 01'18	
max. Earth dist.	-4820 Nov 25 j 12:43	23° U 52'07	1.41062 AU	morning set	-4819 Oct 29 j 21:56	22° U 43'52	
	-4820 Nov 29 j 03:11	0° U			-4819 Nov 03 j 12:42	0° U	
				max. Earth dist.	-4819 Nov 07 j 18:35	6° U 49'25	1.42847 AU
superior conj	-4820 Dec 03 j 06:15	7° U 13'46	-1°50'40				
minimum elong	-4820 Dec 03 j 04:09	7° U 04'27	1°50'45	superior conj	-4819 Nov 14 j 11:38	17° U 55'35	-1°35'06
evening rise	-4820 Dec 13 j 12:25	26° U 02'04		minimum elong	-4819 Nov 14 j 06:07	17° U 32'18	1°34'44
	-4820 Dec 15 j 15:32	0° U			-4819 Nov 21 j 12:06	0° U	
asc. node	-4820 Dec 25 j 04:17	16° U 21'41		evening rise	-4819 Nov 26 j 07:42	8° U 31'05	
evening max el	-4820 Dec 29 j 19:42	22° U 05'54	18°15'31		-4819 Dec 09 j 01:15	0° U	
retrograde	-4819 Jan 05 j 22:01	25° U 39'15		asc. node	-4819 Dec 12 j 01:25	3° U 53'52	
evening set	-4819 Jan 08 j 12:13	25° U 11'49		evening max el	-4819 Dec 13 j 06:54	5° U 13'07	18°07'56
inferior conj	-4819 Jan 15 j 13:24	20° U 26'07	4°04'30	retrograde	-4819 Dec 19 j 22:33	8° U 41'49	
minimum elong	-4819 Jan 15 j 13:59	20° U 24'52	4°04'15	evening set	-4819 Dec 22 j 15:26	8° U 07'00	
min. Earth dist.	-4819 Jan 18 j 20:22	17° U 34'58	0.60040 AU	inferior conj	-4819 Dec 29 j 04:32	2° U 59'54	3°59'49
morning rise	-4819 Jan 22 j 14:07	14° U 52'12		minimum elong	-4819 Dec 29 j 02:47	3° U 04'18	3°59'27
direct	-4819 Jan 29 j 06:13	12° U 50'48		min. Earth dist.	-4818 Jan 01 j 01:18	0° U 09'05	0.61990 AU
desc. node	-4819 Feb 06 j 06:53	15° U 29'36			-4818 Jan 01 j 05:07	30° R U	
morning max el	-4819 Feb 12 j 10:08	20° U 26'54	27°11'43	morning rise	-4818 Jan 04 j 13:07	27° U 11'12	
	-4819 Feb 20 j 16:27	0° U		direct	-4818 Jan 11 j 14:19	24° U 39'14	
	-4819 Mar 10 j 23:57	0° U			-4818 Jan 23 j 00:07	0° U	
morning set	-4819 Mar 15 j 10:31	8° U 55'51		desc. node	-4818 Jan 24 j 03:58	1° U 01'22	
max. Earth dist.	-4819 Mar 22 j 01:44	23° U 08'44	1.32612 AU	morning max el	-4818 Jan 25 j 13:36	2° U 20'52	27°40'16
					-4818 Feb 14 j 23:19	0° U	
superior conj	-4819 Mar 22 j 13:10	24° U 11'14	-0°06'17	morning set	-4818 Feb 27 j 15:26	23° U 33'01	
minimum elong	-4819 Mar 22 j 13:27	24° U 12'47	0°06'24		-4818 Mar 02 j 17:59	0° U	
behind sun begin	-4819 Mar 22 j 08:50	23° U 47'34		max. Earth dist.	-4818 Mar 05 j 12:56	5° U 57'35	1.32843 AU
behind sun end	-4819 Mar 22 j 18:03	24° U 38'00					
asc. node	-4819 Mar 23 j 03:39	25° U 30'30		superior conj	-4818 Mar 06 j 23:46	9° U 06'02	-0°31'04
	-4819 Mar 25 j 05:00	0° U		minimum elong	-4818 Mar 07 j 01:08	9° U 13'30	0°31'00
evening rise	-4819 Mar 29 j 12:43	9° U 15'47		asc. node	-4818 Mar 10 j 00:39	15° U 42'11	
	-4819 Apr 09 j 08:24	0° U		evening rise	-4818 Mar 14 j 00:05	24° U 13'42	
evening max el	-4819 Apr 26 j 13:01	23° U 14'56	25°51'35		-4818 Mar 16 j 19:06	0° U	
desc. node	-4819 May 05 j 05:25	29° U 20'40			-4818 Apr 04 j 07:43	0° U	
	-4819 May 07 j 02:23	0° U		evening max el	-4818 Apr 08 j 06:01	4° U 11'18	24°27'33
retrograde	-4819 May 10 j 15:13	0° U 30'00		retrograde	-4818 Apr 22 j 03:55	11° U 12'01	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

desc. node	-4818 Apr 22 j 02:37	11° Υ 12'01		desc. node	-4817 Apr 08 j 23:48	20° H 13'48	
evening set	-4818 Apr 26 j 16:45	10° Υ 25'39		min. Earth dist.	-4817 Apr 14 j 08:49	17° H 31'33	0.55593 AU
min. Earth dist.	-4818 May 02 j 18:00	7° Υ 23'45	0.56831 AU	inferior conj	-4817 Apr 15 j 17:59	16° H 43'30	-1°48'17
inferior conj	-4818 May 05 j 10:56	5° Υ 39'56	-3°14'15	minimum elong	-4817 Apr 15 j 13:27	16° H 50'05	1°46'56
minimum elong	-4818 May 05 j 05:27	5° Υ 48'45	3°13'02	morning rise	-4817 Apr 24 j 17:54	12° H 45'40	
morning rise	-4818 May 13 j 21:20	1° Υ 33'47		direct	-4817 Apr 27 j 05:44	12° H 30'55	
direct	-4818 May 16 j 08:01	1° Υ 17'22		morning max el	-4817 May 08 j 06:56	17° H 40'40	20°39'25
morning max el	-4818 May 25 j 17:20	5° Υ 39'16	19°28'53		-4817 May 17 j 18:37	0° Υ	
asc. node	-4818 Jun 06 j 00:29	21° Υ 39'17		asc. node	-4817 May 23 j 21:27	11° Υ 04'24	
	-4818 Jun 10 j 09:53	0° Z		morning set	-4817 May 27 j 06:16	17° Υ 49'01	
morning set	-4818 Jun 12 j 00:34	3° Z 11'46			-4817 Jun 02 j 03:58	0° Z	
superior conj	-4818 Jun 20 j 04:32	19° Z 29'59	1°44'23	superior conj	-4817 Jun 03 j 21:45	3° Z 34'02	1°32'24
minimum elong	-4818 Jun 20 j 02:42	19° Z 20'59	1°44'28	minimum elong	-4817 Jun 03 j 19:08	3° Z 20'38	1°32'16
	-4818 Jun 25 j 16:11	0° II		max. Earth dist.	-4817 Jun 08 j 11:01	12° Z 40'11	1.35937 AU
max. Earth dist.	-4818 Jun 26 j 04:00	0° II 54'59	1.37630 AU	evening rise	-4817 Jun 12 j 16:19	20° Z 43'57	
evening rise	-4818 Jun 30 j 00:49	7° II 56'26			-4817 Jun 17 j 19:28	0° II	
	-4818 Jul 13 j 08:43	0° E		desc. node	-4817 Jul 05 j 22:17	28° II 12'57	
desc. node	-4818 Jul 19 j 01:13	8° E 27'47			-4817 Jul 07 j 06:03	0° E	
evening max el	-4818 Aug 04 j 21:56	29° E 31'34	25°11'31	evening max el	-4817 Jul 18 j 08:40	13° E 01'20	26°17'49
	-4818 Aug 05 j 09:35	0° Ω		retrograde	-4817 Jul 31 j 01:09	20° E 14'52	
retrograde	-4818 Aug 16 j 18:14	6° Ω 24'54		evening set	-4817 Aug 06 j 11:58	17° E 30'49	
evening set	-4818 Aug 22 j 15:05	3° Ω 53'37		min. Earth dist.	-4817 Aug 10 j 14:33	13° E 06'06	0.66209 AU
	-4818 Aug 26 j 04:23	30° R E		inferior conj	-4817 Aug 12 j 01:13	11° E 18'35	-2°27'11
min. Earth dist.	-4818 Aug 27 j 01:51	28° E 50'49	0.66932 AU	minimum elong	-4817 Aug 12 j 04:22	11° E 08'50	2°25'53
inferior conj	-4818 Aug 28 j 00:23	27° E 36'51	-1°38'18	morning rise	-4817 Aug 17 j 20:57	5° E 28'29	
minimum elong	-4818 Aug 28 j 02:37	27° E 29'32	1°37'13	asc. node	-4817 Aug 19 j 20:57	4° E 39'28	
asc. node	-4818 Sep 01 j 23:51	22° E 01'58		direct	-4817 Aug 21 j 00:19	4° E 32'02	
morning rise	-4818 Sep 02 j 14:12	21° E 35'40		morning max el	-4817 Aug 27 j 21:29	8° E 24'33	18°54'37
direct	-4818 Sep 06 j 02:17	20° E 24'33			-4817 Sep 12 j 03:06	0° Ω	
morning max el	-4818 Sep 13 j 13:36	24° E 43'31	19°47'22	morning set	-4817 Sep 18 j 12:52	10° Ω 10'13	
	-4818 Sep 18 j 01:02	0° Ω			-4817 Oct 01 j 01:50	0° H	
	-4818 Oct 08 j 05:26	0° H		desc. node	-4817 Oct 01 j 21:52	1° H 18'54	
morning set	-4818 Oct 08 j 21:19	1° H 01'40		max. Earth dist.	-4817 Oct 03 j 23:16	4° H 33'36	1.44751 AU
desc. node	-4818 Oct 15 j 00:59	10° H 37'23		superior conj	-4817 Oct 04 j 17:11	5° H 44'13	-0°17'37
max. Earth dist.	-4818 Oct 21 j 06:49	20° H 28'36	1.44128 AU	minimum elong	-4817 Oct 04 j 14:53	5° H 35'12	0°17'12
superior conj	-4818 Oct 25 j 13:20	27° H 19'00	-1°03'12		-4817 Oct 19 j 22:41	0° E	
minimum elong	-4818 Oct 25 j 06:49	26° H 52'47	1°02'26	evening rise	-4817 Oct 20 j 09:02	0° E 41'47	
	-4818 Oct 27 j 05:08	0° E			-4817 Nov 08 j 13:38	0° H	
evening rise	-4818 Nov 08 j 08:06	20° E 07'29		evening max el	-4817 Nov 10 j 07:18	1° H 56'11	18°48'53
	-4818 Nov 14 j 04:10	0° H		asc. node	-4817 Nov 15 j 19:41	5° H 37'11	
evening max el	-4818 Nov 26 j 19:38	18° H 31'34	18°19'26	retrograde	-4817 Nov 17 j 02:18	5° H 46'16	
asc. node	-4818 Nov 28 j 22:33	20° H 24'12		evening set	-4817 Nov 20 j 04:25	4° H 51'59	
retrograde	-4818 Dec 03 j 09:18	22° H 06'25			-4817 Nov 25 j 07:28	30° R E	
evening set	-4818 Dec 06 j 05:55	21° H 22'55		inferior conj	-4817 Nov 26 j 00:21	29° E 08'57	3°01'27
inferior conj	-4818 Dec 12 j 09:23	15° H 56'30	3°36'47	minimum elong	-4817 Nov 25 j 21:06	29° E 18'48	3°00'26
minimum elong	-4818 Dec 12 j 06:23	16° H 04'50	3°36'03	min. Earth dist.	-4817 Nov 27 j 16:44	27° E 06'10	0.65120 AU
min. Earth dist.	-4818 Dec 14 j 16:10	13° H 24'06	0.63715 AU	morning rise	-4817 Dec 01 j 13:25	23° E 01'38	
morning rise	-4818 Dec 18 j 06:16	9° H 57'03		direct	-4817 Dec 08 j 05:01	20° E 11'33	
direct	-4818 Dec 25 j 06:21	7° H 08'37		morning max el	-4817 Dec 21 j 07:07	27° E 46'13	26°53'07
morning max el	-4817 Jan 07 j 21:33	14° H 51'16	27°32'50		-4817 Dec 23 j 10:34	0° H	
desc. node	-4817 Jan 11 j 01:00	18° H 10'01		desc. node	-4817 Dec 28 j 21:59	6° H 26'57	
	-4817 Jan 20 j 08:11	0° Z			-4816 Jan 14 j 00:43	0° Z	
	-4817 Feb 07 j 13:06	0° Z		morning set	-4816 Jan 26 j 01:06	21° Z 22'27	
morning set	-4817 Feb 11 j 13:25	7° Z 45'51			-4816 Jan 30 j 10:22	0° Z	
max. Earth dist.	-4817 Feb 16 j 17:43	18° Z 21'27	1.33449 AU	max. Earth dist.	-4816 Jan 30 j 12:20	0° Z 09'55	1.34488 AU
superior conj	-4817 Feb 19 j 07:29	23° Z 48'41	-0°55'02	superior conj	-4816 Feb 03 j 10:12	8° Z 11'19	-1°17'02
minimum elong	-4817 Feb 19 j 09:48	24° Z 01'03	0°54'51	minimum elong	-4816 Feb 03 j 13:07	8° Z 26'32	1°16'51
	-4817 Feb 22 j 04:44	0° \approx		evening rise	-4816 Feb 10 j 21:15	23° Z 50'35	
asc. node	-4817 Feb 24 j 21:39	5° \approx 47'32		asc. node	-4816 Feb 11 j 18:40	25° Z 41'15	
evening rise	-4817 Feb 26 j 11:31	9° \approx 07'41			-4816 Feb 13 j 21:44	0° \approx	
	-4817 Mar 09 j 11:44	0° H		evening max el	-4816 Mar 01 j 21:00	25° \approx 53'38	21°23'37
evening max el	-4817 Mar 20 j 22:39	14° H 55'43	22°53'49		-4816 Mar 07 j 11:47	0° H	
retrograde	-4817 Apr 03 j 04:19	21° H 25'20		retrograde	-4816 Mar 13 j 18:52	1° H 35'28	
evening set	-4817 Apr 06 j 11:13	21° H 01'39		evening set	-4816 Mar 16 j 07:54	1° H 20'45	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4816 Mar 20 j 12:01	30° $\text{R}\approx$		asc. node	-4815 Jan 28 j 15:42	15° Z 18'08	
inferior conj	-4816 Mar 25 j 14:11	27° \approx 20'46	0°04'41		-4815 Feb 06 j 02:54	0° \approx	
minimum elong	-4816 Mar 25 j 14:23	27° \approx 20'28	0°04'28	evening max el	-4815 Feb 12 j 04:56	7° \approx 22'13	20°06'31
transit middle	-4816 Mar 25 j 14:23	27° \approx 20'28	0°04'28	retrograde	-4815 Feb 22 j 10:35	12° \approx 12'58	
transit begin	-4816 Mar 25 j 10:27	27° \approx 26'02		evening set	-4815 Feb 24 j 18:58	11° \approx 58'47	
transit end	-4816 Mar 25 j 18:20	27° \approx 14'54		inferior conj	-4815 Mar 05 j 13:08	7° \approx 58'57	1°54'35
desc. node	-4816 Mar 25 j 20:59	27° \approx 11'10		minimum elong	-4815 Mar 05 j 17:36	7° \approx 52'11	1°53'00
min. Earth dist.	-4816 Mar 25 j 23:09	27° \approx 08'06	0.55200 AU	min. Earth dist.	-4815 Mar 07 j 13:12	6° \approx 46'32	0.55736 AU
morning rise	-4816 Apr 03 j 20:47	23° \approx 15'08		desc. node	-4815 Mar 12 j 18:07	4° \approx 07'00	
direct	-4816 Apr 06 j 18:32	22° \approx 56'32		morning rise	-4815 Mar 14 j 14:16	3° \approx 29'59	
morning max el	-4816 Apr 19 j 09:31	28° \approx 59'42	22°07'07	direct	-4815 Mar 18 j 10:36	2° \approx 57'26	
	-4816 Apr 20 j 10:14	0° H		morning max el	-4815 Apr 01 j 03:23	9° \approx 45'15	23°45'07
	-4816 May 09 j 08:41	0° Y			-4815 Apr 16 j 00:28	0° H	
asc. node	-4816 May 09 j 18:24	0° Y 49'47		morning set	-4815 Apr 25 j 03:48	17° H 41'58	
morning set	-4816 May 10 j 15:58	2° Y 41'07		asc. node	-4815 Apr 26 j 15:21	20° H 49'34	
					-4815 Apr 30 j 21:54	0° Y	
superior conj	-4816 May 17 j 23:08	18° Y 04'24	1°15'27	superior conj	-4815 May 02 j 05:59	2° Y 52'33	0°55'02
minimum elong	-4816 May 17 j 20:28	17° Y 50'19	1°15'08	minimum elong	-4815 May 02 j 03:47	2° Y 40'43	0°54'37
max. Earth dist.	-4816 May 21 j 03:50	24° Y 42'37	1.34580 AU	max. Earth dist.	-4815 May 04 j 06:26	7° Y 11'19	1.33585 AU
	-4816 May 23 j 18:37	0° B		evening rise	-4815 May 09 j 18:16	18° Y 32'54	
evening rise	-4816 May 25 j 23:38	4° B 20'43			-4815 May 15 j 17:14	0° B	
	-4816 Jun 09 j 14:02	0° II			-4815 Jun 03 j 20:50	0° II	
desc. node	-4816 Jun 21 j 19:24	17° II 24'21		desc. node	-4815 Jun 08 j 16:32	5° II 47'31	
evening max el	-4816 Jun 29 j 20:06	26° II 25'20	27°04'43	evening max el	-4815 Jun 12 j 06:39	9° II 31'17	27°25'00
	-4816 Jul 03 j 23:20	0° E		retrograde	-4815 Jun 25 j 22:30	16° II 56'03	
retrograde	-4816 Jul 13 j 02:47	3° E 48'03		evening set	-4815 Jul 03 j 01:50	14° II 15'56	
evening set	-4816 Jul 20 j 00:37	1° E 00'00		min. Earth dist.	-4815 Jul 06 j 16:34	11° II 02'53	0.63639 AU
	-4816 Jul 21 j 04:01	30° RII		inferior conj	-4815 Jul 09 j 06:49	8° II 21'42	-3°46'18
min. Earth dist.	-4816 Jul 23 j 20:07	27° II 13'13	0.65114 AU	minimum elong	-4815 Jul 09 j 10:06	8° II 13'11	3°45'28
inferior conj	-4816 Jul 25 j 20:14	24° II 55'22	-3°10'51	morning rise	-4815 Jul 15 j 19:10	3° II 03'29	
minimum elong	-4816 Jul 25 j 23:50	24° II 45'03	3°09'39	direct	-4815 Jul 18 j 11:51	2° II 27'32	
morning rise	-4816 Jul 31 j 23:27	19° II 19'36		asc. node	-4815 Jul 23 j 15:03	4° II 36'38	
direct	-4816 Aug 03 j 20:26	18° II 34'41		morning max el	-4815 Jul 25 j 00:30	5° II 52'18	17°59'32
asc. node	-4816 Aug 05 j 18:00	18° II 54'06			-4815 Aug 09 j 19:38	0° E	
morning max el	-4816 Aug 10 j 09:55	22° II 09'04	18°18'19	morning set	-4815 Aug 11 j 02:58	2° E 15'53	
	-4816 Aug 16 j 12:52	0° E					
morning set	-4816 Aug 29 j 07:10	20° E 36'49		superior conj	-4815 Aug 23 j 14:08	23° E 24'42	1°11'21
	-4816 Sep 04 j 00:12	0° O		minimum elong	-4815 Aug 23 j 20:06	23° E 49'13	1°10'58
superior conj	-4816 Sep 12 j 18:22	14° O 06'21	0°31'17		-4815 Aug 27 j 15:03	0° O	
minimum elong	-4816 Sep 12 j 22:10	14° O 21'28	0°31'00	max. Earth dist.	-4815 Aug 29 j 09:27	2° O 50'40	1.43846 AU
max. Earth dist.	-4816 Sep 15 j 17:17	18° O 47'36	1.44650 AU	desc. node	-4815 Sep 04 j 15:42	12° O 45'45	
desc. node	-4816 Sep 17 j 18:46	22° O 02'52		evening rise	-4815 Sep 08 j 14:54	18° O 56'07	
	-4816 Sep 22 j 20:19	0° np			-4815 Sep 15 j 20:23	0° np	
evening rise	-4816 Sep 29 j 08:57	10° np 11'58		evening max el	-4815 Oct 06 j 18:16	28° np 49'22	20°35'28
greatest brilliancy	-4816 Oct 10 j 21:03	28° np 01'17	-0.7m		-4815 Oct 07 j 23:05	0° E	
	-4816 Oct 12 j 04:23	0° E		retrograde	-4815 Oct 14 j 19:44	3° E 34'32	
evening max el	-4816 Oct 23 j 15:31	15° E 23'24	19°34'52	evening set	-4815 Oct 18 j 15:15	2° E 10'52	
retrograde	-4816 Oct 30 j 22:36	19° E 37'04		asc. node	-4815 Oct 19 j 13:58	1° E 24'11	
asc. node	-4816 Nov 01 j 16:49	19° E 19'07			-4815 Oct 20 j 23:03	30° Rnp	
evening set	-4816 Nov 03 j 08:19	18° E 29'27		inferior conj	-4815 Oct 24 j 01:27	26° np 03'40	1°29'13
inferior conj	-4816 Nov 08 j 22:32	12° E 32'42	2°17'59	minimum elong	-4815 Oct 23 j 23:30	26° np 10'18	1°28'30
minimum elong	-4816 Nov 08 j 19:43	12° E 41'51	2°16'58	min. Earth dist.	-4815 Oct 24 j 16:44	25° np 11'58	0.66884 AU
min. Earth dist.	-4816 Nov 10 j 01:37	11° E 04'50	0.66173 AU	morning rise	-4815 Oct 29 j 07:34	19° np 48'10	
morning rise	-4816 Nov 14 j 06:52	6° E 20'04		direct	-4815 Nov 03 j 19:05	17° np 25'53	
direct	-4816 Nov 20 j 09:29	3° E 40'12		morning max el	-4815 Nov 15 j 01:09	24° np 08'07	24°28'32
morning max el	-4816 Dec 02 j 16:22	10° E 54'44	25°48'37		-4815 Nov 20 j 07:22	0° E	
desc. node	-4816 Dec 14 j 18:55	25° E 32'14		desc. node	-4815 Dec 01 j 15:51	15° E 11'04	
	-4816 Dec 17 j 23:22	0° ml			-4815 Dec 11 j 10:10	0° ml	
	-4815 Jan 05 j 14:56	0° J		morning set	-4815 Dec 20 j 22:44	15° ml 52'00	
morning set	-4815 Jan 07 j 22:05	4° J 09'52		max. Earth dist.	-4815 Dec 24 j 17:45	22° ml 36'37	1.37846 AU
max. Earth dist.	-4815 Jan 11 j 19:23	11° J 27'16	1.35979 AU		-4815 Dec 28 j 17:46	0° J	
superior conj	-4815 Jan 17 j 05:24	22° J 06'21	-1°35'31	superior conj	-4815 Dec 31 j 13:39	5° J 23'30	-1°48'28
minimum elong	-4815 Jan 17 j 08:19	22° J 21'04	1°35'28	minimum elong	-4815 Dec 31 j 15:38	5° J 33'04	1°48'36
	-4815 Jan 21 j 02:28	0° Z		evening rise	-4814 Jan 09 j 03:45	22° J 19'22	
evening rise	-4815 Jan 25 j 03:24	8° Z 16'46			-4814 Jan 13 j 02:16	0° Z	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4814 Jan 15 j 12:46	4° Z 31'37		retrograde	-4813 Jan 16 j 15:29	5° Z 42'56	
evening max el	-4814 Jan 25 j 23:08	19° Z 25'43	19°07'38	evening set	-4813 Jan 19 j 04:00	5° Z 19'30	
retrograde	-4814 Feb 03 j 15:51	23° Z 35'02		inferior conj	-4813 Jan 26 j 13:22	0° Z 46'30	3°55'42
evening set	-4814 Feb 06 j 01:42	23° Z 17'16		minimum elong	-4813 Jan 26 j 15:39	0° Z 41'55	3°55'15
inferior conj	-4814 Feb 14 j 03:08	19° Z 03'57	3°14'10		-4813 Jan 27 j 12:23	30° R Z	
minimum elong	-4814 Feb 14 j 07:55	18° Z 55'41	3°12'55	min. Earth dist.	-4813 Jan 29 j 22:17	28° Z 05'12	0.58887 AU
min. Earth dist.	-4814 Feb 17 j 04:07	16° Z 58'45	0.57059 AU	morning rise	-4813 Feb 03 j 01:08	25° Z 23'01	
morning rise	-4814 Feb 22 j 11:34	14° Z 05'20		direct	-4813 Feb 09 j 06:19	23° Z 43'33	
direct	-4814 Feb 27 j 13:53	13° Z 04'36		desc. node	-4813 Feb 14 j 12:23	24° Z 51'35	
desc. node	-4814 Feb 27 j 15:15	13° Z 04'36			-4813 Feb 22 j 03:45	0° Z	
morning max el	-4814 Mar 13 j 18:19	20° Z 21'21	25°21'04	morning max el	-4813 Feb 23 j 12:12	1° Z 15'50	26°39'33
	-4814 Mar 22 j 00:16	0° \approx			-4813 Mar 16 j 00:10	0° \approx	
	-4814 Apr 08 j 08:16	0° H		morning set	-4813 Mar 25 j 02:58	17° \approx 44'22	
morning set	-4814 Apr 09 j 16:04	2° H 45'26			-4813 Mar 30 j 20:04	0° H	
asc. node	-4814 Apr 13 j 12:20	10° H 58'47		asc. node	-4813 Mar 31 j 09:18	1° H 12'21	
superior conj	-4814 Apr 16 j 16:10	17° H 51'22	0°32'15	superior conj	-4813 Apr 01 j 03:50	2° H 53'41	0°08'02
minimum elong	-4814 Apr 16 j 14:47	17° H 43'52	0°31'53	minimum elong	-4813 Apr 01 j 03:29	2° H 51'45	0°07'49
max. Earth dist.	-4814 Apr 17 j 16:07	20° H 01'30	1.32936 AU	behind sun begin	-4813 Mar 31 j 23:07	2° H 27'52	
	-4814 Apr 22 j 08:10	0° Y		behind sun end	-4813 Apr 01 j 07:51	3° H 15'39	
evening rise	-4814 Apr 23 j 20:43	3° Y 09'21		max. Earth dist.	-4813 Apr 01 j 05:13	3° H 01'18	1.32628 AU
	-4814 May 08 j 13:01	0° B		evening rise	-4813 Apr 08 j 04:16	18° H 00'13	
evening max el	-4814 May 25 j 13:52	22° B 06'48	27°13'51		-4813 Apr 14 j 04:38	0° Y	
desc. node	-4814 May 26 j 13:41	23° B 02'22			-4813 May 03 j 19:23	0° B	
retrograde	-4814 Jun 08 j 11:52	29° B 30'32		evening max el	-4813 May 07 j 15:35	4° B 02'03	26°30'07
evening set	-4814 Jun 15 j 11:51	27° B 12'20		desc. node	-4813 May 13 j 10:53	8° B 39'45	
min. Earth dist.	-4814 Jun 19 j 03:07	24° B 22'39	0.61822 AU	retrograde	-4813 May 21 j 17:34	11° B 22'19	
inferior conj	-4814 Jun 22 j 05:55	21° B 31'08	-4°08'57	evening set	-4813 May 28 j 02:38	9° B 38'28	
minimum elong	-4814 Jun 22 j 07:44	21° B 26'57	4°08'37	min. Earth dist.	-4813 Jun 01 j 04:45	6° B 56'11	0.59798 AU
morning rise	-4814 Jun 29 j 05:04	16° B 33'10		inferior conj	-4813 Jun 04 j 13:52	4° B 14'03	-4°11'59
direct	-4814 Jul 01 j 19:05	16° B 04'17		minimum elong	-4813 Jun 04 j 12:55	4° B 15'58	4°11'50
morning max el	-4814 Jul 08 j 14:39	19° B 29'07	17°59'11		-4813 Jun 11 j 00:25	30° R Y	
asc. node	-4814 Jul 10 j 12:06	21° B 32'21		morning rise	-4813 Jun 12 j 01:32	29° Y 37'34	
	-4814 Jul 16 j 08:31	0° II		direct	-4813 Jun 14 j 13:52	29° Y 14'26	
morning set	-4814 Jul 24 j 19:14	14° II 54'16			-4813 Jun 18 j 00:16	0° B	
	-4814 Aug 02 j 05:07	0° E		morning max el	-4813 Jun 22 j 01:27	2° B 50'45	18°18'06
superior conj	-4814 Aug 04 j 13:34	4° E 05'59	1°36'48	asc. node	-4813 Jun 27 j 09:08	9° B 25'04	
minimum elong	-4814 Aug 04 j 17:45	4° E 24'06	1°36'45	morning set	-4813 Jul 08 j 02:45	28° B 18'05	
max. Earth dist.	-4814 Aug 11 j 20:42	16° E 24'38	1.42451 AU		-4813 Jul 09 j 00:15	0° II	
evening rise	-4814 Aug 18 j 21:11	27° E 43'11		superior conj	-4813 Jul 17 j 14:21	16° II 03'22	1°48'10
	-4814 Aug 20 j 08:01	0° Q		minimum elong	-4813 Jul 17 j 15:41	16° II 09'26	1°48'22
desc. node	-4814 Aug 22 j 12:40	3° Q 24'47		max. Earth dist.	-4813 Jul 25 j 01:43	29° II 15'30	1.40661 AU
	-4814 Sep 09 j 15:22	0° P			-4813 Jul 25 j 12:08	0° E	
evening max el	-4814 Sep 19 j 14:40	12° P 14'00	21°47'45	evening rise	-4813 Jul 29 j 22:28	7° E 24'55	
retrograde	-4814 Sep 28 j 15:54	17° P 36'33		desc. node	-4813 Aug 09 j 09:40	23° E 55'51	
evening set	-4814 Oct 02 j 23:19	15° P 54'35			-4813 Aug 13 j 11:14	0° Q	
asc. node	-4814 Oct 06 j 11:07	12° P 09'05		evening max el	-4813 Sep 02 j 05:26	25° Q 38'36	23°07'19
inferior conj	-4814 Oct 08 j 07:08	9° P 40'18	0°37'23		-4813 Sep 07 j 10:44	0° P	
minimum elong	-4814 Oct 08 j 06:17	9° P 43'16	0°37'07	retrograde	-4813 Sep 12 j 09:29	1° P 40'15	
min. Earth dist.	-4814 Oct 08 j 11:46	9° P 24'20	0.67283 AU		-4813 Sep 16 j 20:03	30° R Q	
morning rise	-4814 Oct 13 j 13:07	3° P 24'43		evening set	-4813 Sep 17 j 06:40	29° Q 38'36	
direct	-4814 Oct 18 j 09:28	1° P 23'14		inferior conj	-4813 Sep 22 j 13:44	23° Q 20'50	-0°15'47
morning max el	-4814 Oct 28 j 11:20	7° P 24'26	23°02'24	minimum elong	-4813 Sep 22 j 14:06	23° Q 19'35	0°15'29
	-4814 Nov 14 j 23:42	0° L		transit middle	-4813 Sep 22 j 14:06	23° Q 19'35	0°15'29
desc. node	-4814 Nov 18 j 12:46	5° L 13'56		transit begin	-4813 Sep 22 j 13:13	23° Q 22'36	
morning set	-4814 Dec 01 j 21:09	26° L 14'51		transit end	-4813 Sep 22 j 14:58	23° Q 16'35	
	-4814 Dec 04 j 03:03	0° M		min. Earth dist.	-4813 Sep 22 j 08:12	23° Q 39'53	0.67385 AU
max. Earth dist.	-4814 Dec 06 j 14:06	4° M 11'31	1.39897 AU	asc. node	-4813 Sep 23 j 08:17	22° Q 17'15	
superior conj	-4814 Dec 14 j 06:32	17° M 51'15	-1°53'07	morning rise	-4813 Sep 27 j 21:25	17° Q 08'12	
minimum elong	-4814 Dec 14 j 06:17	17° M 50'08	1°53'18	direct	-4813 Oct 02 j 03:46	15° Q 27'42	
	-4814 Dec 20 j 18:00	0° Z		morning max el	-4813 Oct 11 j 01:49	20° Q 45'18	21°38'51
evening rise	-4814 Dec 23 j 19:37	5° Z 51'51		desc. node	-4813 Oct 18 j 18:52	0° P	
asc. node	-4813 Jan 02 j 09:52	23° Z 14'06			-4813 Nov 05 j 09:40	25° P 33'42	
	-4813 Jan 07 j 05:16	0° Z		morning set	-4813 Nov 08 j 06:35	0° L	
evening max el	-4813 Jan 09 j 02:07	2° Z 00'35	18°28'47	max. Earth dist.	-4813 Nov 11 j 15:19	5° L 17'03	
					-4813 Nov 18 j 14:58	16° L 35'14	1.41860 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4813 Nov 26 j 02:31	29° Ω 15'48	-1°45'59	superior conj	-4812 Nov 05 j 20:13	9° Ω 24'04	-1°23'35
minimum elong	-4813 Nov 25 j 22:55	29° Ω 00'07	1°45'54	minimum elong	-4812 Nov 05 j 13:44	8° Ω 57'22	1°22'59
	-4813 Nov 26 j 12:41	0° \mathbb{M}			-4812 Nov 17 j 23:02	0° \mathbb{M}	
evening rise	-4813 Dec 06 j 23:34	18° \mathbb{M} 46'22		evening rise	-4812 Nov 18 j 11:20	0° \mathbb{M} 53'33	
	-4813 Dec 13 j 04:33	0° \mathbb{A}		evening max el	-4812 Dec 05 j 23:29	28° \mathbb{M} 11'45	18°10'38
asc. node	-4813 Dec 20 j 06:59	11° \mathbb{A} 15'43		asc. node	-4812 Dec 06 j 04:07	28° \mathbb{M} 23'20	
evening max el	-4813 Dec 23 j 11:14	14° \mathbb{A} 58'56	18°10'01		-4812 Dec 08 j 00:59	0° \mathbb{A}	
retrograde	-4813 Dec 30 j 07:55	18° \mathbb{A} 28'44		retrograde	-4812 Dec 12 j 13:08	1° \mathbb{A} 41'27	
evening set	-4812 Jan 01 j 23:09	17° \mathbb{A} 58'23		evening set	-4812 Dec 15 j 07:34	1° \mathbb{A} 03'02	
inferior conj	-4812 Jan 08 j 18:55	13° \mathbb{A} 03'49	4°05'15		-4812 Dec 17 j 02:37	30° \mathbb{R} \mathbb{M}	
minimum elong	-4812 Jan 08 j 18:22	13° \mathbb{A} 05'04	4°05'00	inferior conj	-4812 Dec 21 j 16:17	25° \mathbb{M} 47'33	3°51'52
min. Earth dist.	-4812 Jan 11 j 22:31	10° \mathbb{A} 09'51	0.60880 AU	minimum elong	-4812 Dec 21 j 13:52	25° \mathbb{M} 53'53	3°51'20
morning rise	-4812 Jan 15 j 12:12	7° \mathbb{A} 23'01		min. Earth dist.	-4812 Dec 24 j 07:22	23° \mathbb{M} 02'49	0.62760 AU
direct	-4812 Jan 22 j 09:43	5° \mathbb{A} 06'43		morning rise	-4812 Dec 27 j 19:23	19° \mathbb{M} 54'13	
desc. node	-4812 Feb 01 j 09:28	9° \mathbb{A} 11'49		direct	-4811 Jan 03 j 21:25	17° \mathbb{M} 13'17	
morning max el	-4812 Feb 05 j 11:59	12° \mathbb{A} 46'19	27°28'15	morning max el	-4811 Jan 17 j 17:22	24° \mathbb{M} 55'33	27°41'24
	-4812 Feb 19 j 05:30	0° \mathbb{Z}		desc. node	-4811 Jan 18 j 06:30	25° \mathbb{M} 28'14	
	-4812 Mar 07 j 04:58	0° \approx			-4811 Jan 22 j 09:51	0° \mathbb{A}	
morning set	-4812 Mar 08 j 10:42	2° \approx 31'57			-4811 Feb 11 j 13:58	0° \mathbb{Z}	
max. Earth dist.	-4812 Mar 14 j 18:07	15° \approx 57'55	1.32663 AU	morning set	-4811 Feb 20 j 12:57	16° \mathbb{Z} 59'25	
				max. Earth dist.	-4811 Feb 26 j 02:59	28° \mathbb{Z} 37'11	1.33054 AU
					-4811 Feb 26 j 18:28	0° \approx	
superior conj	-4812 Mar 15 j 15:19	17° \approx 53'29	-0°16'49				
minimum elong	-4812 Mar 15 j 16:04	17° \approx 57'36	0°16'50	superior conj	-4811 Feb 28 j 00:54	2° \approx 43'44	-0°41'23
asc. node	-4812 Mar 17 j 06:18	21° \approx 26'18		minimum elong	-4811 Feb 28 j 02:42	2° \approx 53'27	0°41'15
	-4812 Mar 21 j 05:13	0° \mathbb{H}		asc. node	-4811 Mar 04 j 03:18	11° \approx 35'47	
evening rise	-4812 Mar 22 j 14:49	2° \mathbb{H} 58'00		evening rise	-4811 Mar 07 j 02:24	17° \approx 54'57	
	-4812 Apr 06 j 07:34	0° \mathbb{Y}			-4811 Mar 13 j 02:44	0° \mathbb{H}	
evening max el	-4812 Apr 18 j 11:23	15° \mathbb{Y} 17'30	25°18'01	evening max el	-4811 Mar 31 j 03:40	26° \mathbb{H} 05'59	23°48'05
desc. node	-4812 Apr 29 j 08:04	22° \mathbb{Y} 03'46			-4811 Apr 05 j 00:03	0° \mathbb{Y}	
retrograde	-4812 May 02 j 13:11	22° \mathbb{Y} 28'04		retrograde	-4811 Apr 13 j 20:15	2° \mathbb{Y} 54'54	
evening set	-4812 May 07 j 19:58	21° \mathbb{Y} 22'52		desc. node	-4811 Apr 16 j 05:14	2° \mathbb{Y} 42'17	
min. Earth dist.	-4812 May 12 j 23:54	18° \mathbb{Y} 31'41	0.57824 AU	evening set	-4811 Apr 17 j 19:35	2° \mathbb{Y} 20'06	
inferior conj	-4812 May 16 j 03:14	16° \mathbb{Y} 21'19	-3°46'04		-4811 Apr 23 j 03:20	30° \mathbb{R} \mathbb{H}	
minimum elong	-4812 May 15 j 23:00	16° \mathbb{Y} 28'43	3°45'21	min. Earth dist.	-4811 Apr 24 j 15:19	29° \mathbb{H} 07'48	0.56223 AU
morning rise	-4812 May 24 j 05:01	12° \mathbb{Y} 05'03		inferior conj	-4811 Apr 26 j 20:31	27° \mathbb{H} 46'53	-2°42'25
direct	-4812 May 26 j 16:10	11° \mathbb{Y} 46'31		minimum elong	-4811 Apr 26 j 14:52	27° \mathbb{H} 55'31	2°40'56
morning max el	-4812 Jun 04 j 05:54	15° \mathbb{Y} 47'50	18°57'05	morning rise	-4811 May 05 j 13:01	23° \mathbb{H} 45'36	
asc. node	-4812 Jun 13 j 06:07	28° \mathbb{Y} 01'37		direct	-4811 May 07 j 23:52	23° \mathbb{H} 30'09	
	-4812 Jun 14 j 09:19	0° \mathbb{B}		morning max el	-4811 May 18 j 01:21	28° \mathbb{H} 10'57	19°56'27
morning set	-4812 Jun 20 j 21:20	12° \mathbb{B} 16'59			-4811 May 19 j 20:28	0° \mathbb{Y}	
				asc. node	-4811 May 31 j 03:06	17° \mathbb{Y} 11'28	
superior conj	-4812 Jun 29 j 10:53	29° \mathbb{B} 01'13	1°48'16	morning set	-4811 Jun 04 j 23:44	26° \mathbb{Y} 42'28	
minimum elong	-4812 Jun 29 j 09:55	28° \mathbb{B} 56'38	1°48'28		-4811 Jun 06 j 14:44	0° \mathbb{B}	
	-4812 Jun 29 j 23:12	0° \mathbb{H}					
max. Earth dist.	-4812 Jul 06 j 03:16	11° \mathbb{H} 25'47	1.38724 AU	superior conj	-4811 Jun 12 j 21:47	12° \mathbb{B} 44'43	1°40'01
evening rise	-4812 Jul 10 j 02:12	18° \mathbb{H} 24'04		minimum elong	-4811 Jun 12 j 19:31	12° \mathbb{B} 33'21	1°40'01
	-4812 Jul 17 j 01:00	0° \mathbb{E}		max. Earth dist.	-4811 Jun 18 j 07:00	23° \mathbb{B} 14'17	1.36881 AU
desc. node	-4812 Jul 26 j 06:42	14° \mathbb{E} 14'21			-4811 Jun 21 j 22:14	0° \mathbb{H}	
	-4812 Aug 06 j 17:47	0° \mathbb{Q}		evening rise	-4811 Jun 22 j 06:07	0° \mathbb{H} 35'55	
evening max el	-4812 Aug 14 j 16:54	9° \mathbb{Q} 06'03	24°27'49		-4811 Jul 10 j 05:03	0° \mathbb{E}	
retrograde	-4812 Aug 25 j 23:23	15° \mathbb{Q} 42'24		desc. node	-4811 Jul 13 j 03:45	4° \mathbb{E} 14'13	
evening set	-4812 Aug 31 j 11:31	13° \mathbb{Q} 21'26		evening max el	-4811 Jul 28 j 03:32	22° \mathbb{E} 36'35	25°41'36
min. Earth dist.	-4812 Sep 05 j 03:30	7° \mathbb{Q} 57'18	0.67192 AU	retrograde	-4811 Aug 09 j 08:50	29° \mathbb{E} 39'02	
inferior conj	-4812 Sep 05 j 19:30	7° \mathbb{Q} 03'30	-1°08'39	evening set	-4811 Aug 15 j 11:56	27° \mathbb{E} 01'37	
minimum elong	-4812 Sep 05 j 21:05	6° \mathbb{Q} 58'13	1°07'48	min. Earth dist.	-4811 Aug 19 j 19:12	22° \mathbb{E} 14'54	0.66673 AU
asc. node	-4812 Sep 09 j 05:25	2° \mathbb{Q} 48'17		inferior conj	-4811 Aug 20 j 22:41	20° \mathbb{E} 46'42	-1°59'30
morning rise	-4812 Sep 11 j 06:36	0° \mathbb{Q} 57'08		minimum elong	-4811 Aug 21 j 01:20	20° \mathbb{E} 38'10	1°58'17
	-4812 Sep 12 j 23:23	30° \mathbb{R} \mathbb{E}		morning rise	-4811 Aug 26 j 14:49	14° \mathbb{E} 49'51	
direct	-4812 Sep 15 j 00:49	29° \mathbb{E} 35'54		asc. node	-4811 Aug 27 j 02:30	14° \mathbb{E} 32'24	
	-4812 Sep 17 j 04:16	0° \mathbb{Q}		direct	-4811 Aug 29 j 23:01	13° \mathbb{E} 45'11	
morning max el	-4812 Sep 22 j 22:58	4° \mathbb{Q} 13'50	20°24'20	morning max el	-4811 Sep 06 j 03:20	17° \mathbb{E} 51'26	19°23'01
	-4812 Oct 11 j 19:11	0° \mathbb{M}			-4811 Sep 15 j 10:46	0° \mathbb{Q}	
morning set	-4812 Oct 20 j 15:11	13° \mathbb{M} 31'49		morning set	-4811 Sep 29 j 19:19	22° \mathbb{Q} 06'01	
desc. node	-4812 Oct 22 j 06:32	16° \mathbb{M} 04'48			-4811 Oct 04 j 20:30	0° \mathbb{M}	
max. Earth dist.	-4812 Oct 30 j 23:31	29° \mathbb{M} 51'10	1.43464 AU	desc. node	-4811 Oct 09 j 03:26	6° \mathbb{M} 43'47	
	-4812 Oct 31 j 01:43	0° \mathbb{E}		max. Earth dist.	-4811 Oct 13 j 14:34	13° \mathbb{M} 46'15	1.44486 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4811 Oct 16 j 11:06	18° \mathbb{M} 18'19	-0°45'05	minimum elong	-4810 Sep 25 j 11:19	26° Ω 35'31	0°03'39
minimum elong	-4811 Oct 16 j 05:46	17° \mathbb{M} 57'04	0°44'22	behind sun begin	-4810 Sep 25 j 00:10	25° Ω 51'29	
	-4811 Oct 23 j 17:40	0° $\underline{\mathbf{A}}$		behind sun end	-4810 Sep 25 j 22:29	27° Ω 19'32	
evening rise	-4811 Oct 31 j 02:17	12° $\underline{\mathbf{A}}$ 04'53		desc. node	-4810 Sep 26 j 00:19	27° Ω 26'46	
	-4811 Nov 11 j 00:19	0° \mathbb{M}		max. Earth dist.	-4810 Sep 26 j 08:21	27° Ω 58'24	1.44800 AU
evening max el	-4811 Nov 19 j 12:04	11° \mathbb{M} 33'16	18°29'47		-4810 Sep 27 j 15:12	0° \mathbb{M}	
asc. node	-4811 Nov 23 j 01:14	14° \mathbb{M} 22'41		evening rise	-4810 Oct 11 j 16:26	22° \mathbb{M} 11'38	
retrograde	-4811 Nov 26 j 03:00	15° \mathbb{M} 13'22			-4810 Oct 16 j 14:25	0° $\underline{\mathbf{A}}$	
evening set	-4811 Nov 29 j 01:49	14° \mathbb{M} 25'23		evening max el	-4810 Nov 02 j 22:26	24° $\underline{\mathbf{A}}$ 58'49	19°06'26
inferior conj	-4811 Dec 05 j 01:48	8° \mathbb{M} 51'17	3°22'59	retrograde	-4810 Nov 09 j 21:52	28° $\underline{\mathbf{A}}$ 58'18	
minimum elong	-4811 Dec 04 j 22:36	9° \mathbb{M} 00'33	3°22'06	asc. node	-4810 Nov 09 j 22:21	28° $\underline{\mathbf{A}}$ 58'18	
min. Earth dist.	-4811 Dec 07 j 02:15	6° \mathbb{M} 30'53	0.64359 AU	evening set	-4810 Nov 13 j 02:55	27° $\underline{\mathbf{A}}$ 58'39	
morning rise	-4811 Dec 10 j 18:57	2° \mathbb{M} 48'18		inferior conj	-4810 Nov 18 j 20:10	22° $\underline{\mathbf{A}}$ 09'06	2°43'47
	-4811 Dec 16 j 20:58	30° \mathbb{R} $\underline{\mathbf{A}}$		minimum elong	-4810 Nov 18 j 17:03	22° $\underline{\mathbf{A}}$ 18'55	2°42'45
direct	-4811 Dec 17 j 16:07	29° $\underline{\mathbf{A}}$ 57'51		min. Earth dist.	-4810 Nov 20 j 06:39	20° $\underline{\mathbf{A}}$ 20'56	0.65609 AU
	-4811 Dec 18 j 11:32	0° \mathbb{M}		morning rise	-4810 Nov 24 j 06:53	15° $\underline{\mathbf{A}}$ 59'01	
morning max el	-4811 Dec 31 j 02:19	7° \mathbb{M} 37'34	27°19'33	direct	-4810 Nov 30 j 17:10	13° $\underline{\mathbf{A}}$ 12'19	
desc. node	-4810 Jan 05 j 03:31	13° \mathbb{M} 08'28		morning max el	-4810 Dec 13 j 12:10	20° $\underline{\mathbf{A}}$ 40'23	26°28'14
	-4810 Jan 17 j 11:54	0° \mathbb{A}			-4810 Dec 21 j 15:07	0° \mathbb{M}	
	-4810 Feb 03 j 19:10	0° \mathbb{Z}		desc. node	-4810 Dec 23 j 00:29	1° \mathbb{M} 47'57	
morning set	-4810 Feb 04 j 06:58	0° \mathbb{Z} 57'33			-4809 Jan 10 j 14:36	0° \mathbb{A}	
max. Earth dist.	-4810 Feb 09 j 03:57	10° \mathbb{Z} 46'52	1.33842 AU	morning set	-4809 Jan 18 j 13:02	14° \mathbb{A} 15'11	
				max. Earth dist.	-4809 Jan 22 j 17:53	22° \mathbb{A} 21'40	1.35065 AU
					-4809 Jan 26 j 13:03	0° \mathbb{Z}	
superior conj	-4810 Feb 12 j 06:43	17° \mathbb{Z} 18'04	-1°04'41				
minimum elong	-4810 Feb 12 j 09:21	17° \mathbb{Z} 31'59	1°04'29				
	-4810 Feb 18 j 05:59	0° \approx		superior conj	-4809 Jan 27 j 06:34	1° \mathbb{Z} 29'48	-1°25'25
asc. node	-4810 Feb 19 j 00:18	1° \approx 36'30		minimum elong	-4809 Jan 27 j 09:35	1° \mathbb{Z} 45'19	1°25'17
evening rise	-4810 Feb 19 j 13:18	2° \approx 44'37		evening rise	-4809 Feb 03 j 21:46	17° \mathbb{Z} 21'16	
	-4810 Mar 06 j 22:45	0° \mathbb{H}		asc. node	-4809 Feb 05 j 21:19	21° \mathbb{Z} 33'49	
evening max el	-4810 Mar 12 j 21:53	6° \mathbb{H} 52'11	22°14'15		-4809 Feb 10 j 07:58	0° \approx	
retrograde	-4810 Mar 25 j 15:24	13° \mathbb{H} 03'00		evening max el	-4809 Feb 22 j 23:54	18° \approx 01'31	20°48'50
evening set	-4810 Mar 28 j 13:09	12° \mathbb{H} 44'20		retrograde	-4809 Mar 06 j 05:21	23° \approx 21'56	
desc. node	-4810 Apr 03 j 02:25	10° \mathbb{H} 39'59		evening set	-4809 Mar 08 j 14:56	23° \approx 08'15	
min. Earth dist.	-4810 Apr 06 j 05:25	8° \mathbb{H} 58'20	0.55315 AU	inferior conj	-4809 Mar 17 j 17:03	19° \approx 10'10	0°53'40
inferior conj	-4810 Apr 06 j 21:25	8° \mathbb{H} 35'42	-1°02'07	minimum elong	-4809 Mar 17 j 19:26	19° \approx 06'44	0°52'41
minimum elong	-4810 Apr 06 j 18:35	8° \mathbb{H} 39'42	1°01'17	min. Earth dist.	-4809 Mar 18 j 19:40	18° \approx 31'51	0.55307 AU
morning rise	-4810 Apr 16 j 01:27	4° \mathbb{H} 37'12		desc. node	-4809 Mar 20 j 23:34	17° \approx 19'38	
direct	-4810 Apr 18 j 16:10	4° \mathbb{H} 21'42		morning rise	-4809 Mar 26 j 22:57	14° \approx 56'08	
morning max el	-4810 Apr 30 j 10:06	9° \mathbb{H} 53'33	21°15'00	direct	-4809 Mar 30 j 04:27	14° \approx 33'25	
	-4810 May 14 j 12:07	0° \mathbb{Y}		morning max el	-4809 Apr 12 j 08:43	20° \approx 57'34	22°48'17
asc. node	-4810 May 18 j 00:03	6° \mathbb{Y} 46'01			-4809 Apr 20 j 00:16	0° \mathbb{H}	
morning set	-4810 May 20 j 07:22	11° \mathbb{Y} 26'56		morning set	-4809 May 04 j 18:13	26° \mathbb{H} 24'07	
				asc. node	-4809 May 04 j 21:02	26° \mathbb{H} 38'44	
					-4809 May 06 j 11:18	0° \mathbb{Y}	
superior conj	-4810 May 27 j 18:50	27° \mathbb{Y} 01'06	1°25'44				
minimum elong	-4810 May 27 j 16:07	26° \mathbb{Y} 47'00	1°25'30				
	-4810 May 29 j 05:39	0° \mathbb{B}		superior conj	-4809 May 11 j 22:54	11° \mathbb{Y} 40'53	1°07'10
max. Earth dist.	-4810 May 31 j 18:05	5° \mathbb{B} 05'27	1.35314 AU	minimum elong	-4809 May 11 j 20:22	11° \mathbb{Y} 27'28	1°06'47
evening rise	-4810 Jun 05 j 04:54	13° \mathbb{B} 45'48		max. Earth dist.	-4809 May 14 j 15:05	17° \mathbb{Y} 18'35	1.34105 AU
	-4810 Jun 14 j 06:26	0° \mathbb{I}		evening rise	-4809 May 19 j 17:32	27° \mathbb{Y} 39'41	
desc. node	-4810 Jun 30 j 00:51	23° \mathbb{I} 46'38			-4809 May 20 j 22:16	0° \mathbb{B}	
	-4810 Jul 04 j 23:51	0° \mathbb{E}			-4809 Jun 07 j 12:00	0° \mathbb{I}	
evening max el	-4810 Jul 10 j 14:30	6° \mathbb{E} 04'40	26°40'31	desc. node	-4809 Jun 16 j 21:58	12° \mathbb{I} 40'04	
retrograde	-4810 Jul 23 j 13:27	13° \mathbb{E} 23'06		evening max el	-4809 Jun 23 j 01:36	19° \mathbb{I} 22'15	27°16'50
evening set	-4810 Jul 30 j 05:38	10° \mathbb{E} 35'48		retrograde	-4809 Jul 06 j 12:51	26° \mathbb{I} 47'17	
min. Earth dist.	-4810 Aug 03 j 04:57	6° \mathbb{E} 27'46	0.65794 AU	evening set	-4809 Jul 13 j 13:53	24° \mathbb{I} 00'38	
inferior conj	-4810 Aug 04 j 21:17	4° \mathbb{E} 26'37	-2°46'30	min. Earth dist.	-4809 Jul 17 j 06:48	20° \mathbb{I} 29'14	0.64535 AU
minimum elong	-4810 Aug 05 j 00:42	4° \mathbb{E} 16'22	2°45'12	inferior conj	-4809 Jul 19 j 13:04	17° \mathbb{I} 59'55	-3°27'09
	-4810 Aug 09 j 00:34	30° \mathbb{R} \mathbb{I}		minimum elong	-4809 Jul 19 j 16:39	17° \mathbb{I} 50'02	3°26'03
morning rise	-4810 Aug 10 j 20:03	28° \mathbb{I} 42'32		morning rise	-4809 Jul 25 j 20:01	12° \mathbb{I} 31'27	
direct	-4810 Aug 13 j 20:27	27° \mathbb{I} 51'22		direct	-4809 Jul 28 j 14:49	11° \mathbb{I} 50'48	
asc. node	-4810 Aug 13 j 23:34	27° \mathbb{I} 51'28		asc. node	-4809 Jul 31 j 20:38	12° \mathbb{I} 45'20	
	-4810 Aug 18 j 20:09	0° \mathbb{E}		morning max el	-4809 Aug 04 j 03:13	15° \mathbb{I} 20'09	18°08'05
morning max el	-4810 Aug 20 j 13:28	1° \mathbb{E} 34'50	18°37'09		-4809 Aug 14 j 12:50	0° \mathbb{E}	
	-4810 Sep 08 j 19:17	0° Ω		morning set	-4809 Aug 22 j 03:23	12° \mathbb{E} 45'38	
morning set	-4810 Sep 09 j 21:48	1° Ω 47'02			-4809 Sep 01 j 12:20	0° Ω	
superior conj	-4810 Sep 25 j 10:50	26° Ω 33'35	0°03'34	superior conj	-4809 Sep 04 j 17:56	5° Ω 14'22	0°49'54

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4809 Sep 04 j 23:15	5°Ω35'49	0°49'28	morning set	-4808 Aug 03 j 08:38	24°Π52'06	
max. Earth dist.	-4809 Sep 09 j 01:28	12°Ω08'17	1.44389 AU		-4808 Aug 06 j 06:25	0°Ϣ	
desc. node	-4809 Sep 12 j 21:14	18°Ω10'44					
	-4809 Sep 20 j 11:01	0°൬		superior conj	-4808 Aug 15 j 01:15	15°Ϣ07'35	1°24'00
evening rise	-4809 Sep 21 j 07:03	1°൬17'41		minimum elong	-4808 Aug 15 j 06:46	15°Ϣ30'45	1°23'43
greatest brilliancy	-4809 Oct 04 j 14:11	21°൬37'09	-0.7m	max. Earth dist.	-4808 Aug 21 j 15:25	25°Ϣ59'45	1.43317 AU
	-4809 Oct 10 j 09:14	0°♁			-4808 Aug 24 j 03:08	0°Ω	
evening max el	-4809 Oct 17 j 04:27	8°♁25'28	19°59'01	desc. node	-4808 Aug 29 j 18:11	8°Ω52'46	
retrograde	-4809 Oct 24 j 18:51	12°♁52'06		evening rise	-4808 Aug 30 j 10:33	9°Ω56'28	
asc. node	-4809 Oct 27 j 19:30	11°♁58'47			-4808 Sep 12 j 16:27	0°൬	
evening set	-4809 Oct 28 j 08:21	11°♁38'10		evening max el	-4808 Sep 29 j 04:37	21°൬51'43	21°05'06
inferior conj	-4809 Nov 02 j 20:40	5°♁36'32	1°57'48	retrograde	-4808 Oct 07 j 15:43	26°൬52'07	
minimum elong	-4809 Nov 02 j 18:11	5°♁44'49	1°56'53	evening set	-4808 Oct 11 j 16:00	25°൬21'06	
min. Earth dist.	-4809 Nov 03 j 18:37	4°♁23'49	0.66513 AU	asc. node	-4808 Oct 13 j 16:39	23°൬26'47	
	-4809 Nov 07 j 11:34	30°ꠕ൬		inferior conj	-4808 Oct 17 j 01:02	19°൬10'43	1°07'31
morning rise	-4809 Nov 08 j 03:45	29°൬22'05		minimum elong	-4808 Oct 16 j 23:31	19°൬15'54	1°06'58
direct	-4809 Nov 14 j 00:01	26°൬48'53		min. Earth dist.	-4808 Oct 17 j 11:46	18°൬34'00	0.67093 AU
	-4809 Nov 21 j 12:59	0°♁		morning rise	-4808 Oct 22 j 06:50	12°൬54'48	
morning max el	-4809 Nov 25 j 21:11	3°♁51'57	25°15'47	direct	-4808 Oct 27 j 11:57	10°൬40'51	
desc. node	-4809 Dec 09 j 21:25	21°♁09'01		morning max el	-4808 Nov 07 j 06:01	17°൬06'19	23°51'59
	-4809 Dec 15 j 23:06	0°൬			-4808 Nov 17 j 23:04	0°♁	
morning set	-4808 Jan 01 j 02:09	26°൬37'10		desc. node	-4808 Nov 25 j 18:20	10°♁59'33	
	-4808 Jan 02 j 22:51	0°ꠕ			-4808 Dec 08 j 00:23	0°൬	
max. Earth dist.	-4808 Jan 04 j 20:18	3°ꠕ30'23	1.36728 AU	morning set	-4808 Dec 12 j 16:17	7°൬47'21	
				max. Earth dist.	-4808 Dec 16 j 16:30	14°൬45'28	1.38712 AU
superior conj	-4808 Jan 10 j 21:35	15°ꠕ10'01	-1°41'51				
minimum elong	-4808 Jan 11 j 00:15	15°ꠕ23'12	1°41'53	superior conj	-4808 Dec 23 j 23:58	28°൬08'29	-1°51'40
	-4808 Jan 18 j 06:20	0°ꠕ		minimum elong	-4808 Dec 24 j 01:10	28°൬14'11	1°51'50
evening rise	-4808 Jan 19 j 01:45	1°ꠕ38'03			-4808 Dec 24 j 23:29	0°ꠕ	
asc. node	-4808 Jan 23 j 18:23	10°ꠕ51'37		evening rise	-4807 Jan 01 j 22:53	15°ꠕ28'58	
evening max el	-4808 Feb 05 j 12:22	29°ꠕ45'29	19°39'10	asc. node	-4807 Jan 09 j 15:28	29°ꠕ53'09	
	-4808 Feb 05 j 18:34	0°≈			-4807 Jan 09 j 17:03	0°ꠕ	
retrograde	-4808 Feb 15 j 01:33	4°≈16'50		evening max el	-4807 Jan 18 j 10:42	12°ꠕ03'52	18°48'39
evening set	-4808 Feb 17 j 10:02	4°≈01'37		retrograde	-4807 Jan 26 j 14:11	15°ꠕ59'20	
inferior conj	-4808 Feb 25 j 21:18	29°ꠕ57'41	2°32'56	evening set	-4807 Jan 29 j 01:20	15°ꠕ39'13	
minimum elong	-4808 Feb 26 j 02:24	29°ꠕ49'33	2°31'20	inferior conj	-4807 Feb 05 j 19:41	11°ꠕ18'06	3°36'13
	-4808 Feb 25 j 19:51	30°ꠕꠕ		minimum elong	-4807 Feb 05 j 23:35	11°ꠕ10'55	3°35'21
min. Earth dist.	-4808 Feb 28 j 10:16	28°ꠕ21'05	0.56209 AU	min. Earth dist.	-4807 Feb 09 j 02:09	8°ꠕ54'58	0.57802 AU
morning rise	-4808 Mar 05 j 16:16	25°ꠕ15'42		morning rise	-4807 Feb 13 j 19:25	6°ꠕ08'18	
desc. node	-4808 Mar 06 j 20:44	24°ꠕ55'46		direct	-4807 Feb 19 j 10:26	4°ꠕ51'28	
direct	-4808 Mar 10 j 01:05	24°ꠕ32'45		desc. node	-4807 Feb 21 j 17:53	5°ꠕ04'26	
	-4808 Mar 22 j 06:16	0°≈		morning max el	-4807 Mar 05 j 15:53	12°ꠕ15'43	25°57'21
morning max el	-4808 Mar 24 j 00:35	1°≈35'51	24°27'05		-4807 Mar 19 j 11:07	0°≈	
	-4808 Apr 12 j 13:49	0°ꠕ		morning set	-4807 Apr 02 j 18:19	26°≈28'28	
morning set	-4808 Apr 18 j 06:26	11°ꠕ26'38			-4807 Apr 04 j 10:17	0°ꠕ	
asc. node	-4808 Apr 20 j 18:00	16°ꠕ43'05		asc. node	-4807 Apr 07 j 14:59	6°ꠕ54'25	
superior conj	-4808 Apr 25 j 07:25	26°ꠕ34'30	0°45'37	superior conj	-4807 Apr 09 j 18:25	11°ꠕ35'11	0°22'06
minimum elong	-4808 Apr 25 j 05:32	26°ꠕ24'18	0°45'12	minimum elong	-4807 Apr 09 j 17:28	11°ꠕ29'57	0°21'48
	-4808 Apr 26 j 21:34	0°൬		max. Earth dist.	-4807 Apr 10 j 08:29	12°ꠕ51'57	1.32769 AU
max. Earth dist.	-4808 Apr 26 j 20:54	29°ꠕ56'24	1.33263 AU	evening rise	-4807 Apr 16 j 20:48	26°ꠕ47'06	
evening rise	-4808 May 02 j 15:53	12°൬03'34			-4807 Apr 18 j 10:30	0°൬	
	-4808 May 12 j 03:39	0°ꠕ			-4807 May 05 j 16:02	0°ꠕ	
	-4808 Jun 02 j 04:51	0°Π		evening max el	-4807 May 17 j 16:24	14°ꠕ36'36	26°59'12
desc. node	-4808 Jun 02 j 19:07	0°Π37'22		desc. node	-4807 May 20 j 16:19	17°ꠕ14'43	
evening max el	-4808 Jun 04 j 11:04	2°Π16'57	27°24'20	retrograde	-4807 May 31 j 16:20	21°ꠕ58'27	
retrograde	-4808 Jun 18 j 06:15	9°Π42'02		evening set	-4807 Jun 07 j 11:24	19°ꠕ54'03	
evening set	-4808 Jun 25 j 09:11	7°Π09'41		min. Earth dist.	-4807 Jun 11 j 05:54	17°ꠕ09'25	0.60973 AU
min. Earth dist.	-4808 Jun 28 j 23:17	4°Π07'55	0.62899 AU	inferior conj	-4807 Jun 14 j 12:18	14°ꠕ19'35	-4°13'10
inferior conj	-4808 Jul 01 j 19:12	1°Π20'19	-3°57'51	minimum elong	-4807 Jun 14 j 13:05	14°ꠕ17'52	4°13'00
minimum elong	-4808 Jul 01 j 22:01	1°Π13'20	3°57'14	morning rise	-4807 Jun 21 j 16:30	9°ꠕ30'21	
	-4808 Jul 03 j 04:12	30°ꠕꠕ		direct	-4807 Jun 24 j 05:47	9°ꠕ03'57	
morning rise	-4808 Jul 08 j 11:56	26°ꠕ10'17		morning max el	-4807 Jul 01 j 06:55	12°ꠕ32'16	18°04'49
direct	-4808 Jul 11 j 03:11	25°ꠕ37'39		asc. node	-4807 Jul 04 j 14:46	16°ꠕ22'25	
morning max el	-4808 Jul 17 j 17:57	29°ꠕ01'35	17°57'01		-4807 Jul 13 j 01:09	0°Π	
asc. node	-4808 Jul 17 j 17:43	29°ꠕ00'59		morning set	-4807 Jul 17 j 08:00	7°Π51'31	
	-4808 Jul 18 j 16:22	0°Π					

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4807 Jul 27 j 12:00	26° Π 22'31	1°43'12	direct	-4806 Jun 06 j 18:11	21° Υ 59'56	
minimum elong	-4807 Jul 27 j 14:59	26° Π 35'41	1°43'17	morning max el	-4806 Jun 14 j 15:21	25° Υ 44'43	18°32'18
	-4807 Jul 29 j 13:35	0° \mathfrak{C}			-4806 Jun 18 j 08:37	0° \mathfrak{C}	
max. Earth dist.	-4807 Aug 04 j 00:23	9° \mathfrak{C} 17'57	1.41728 AU	asc. node	-4806 Jun 21 j 11:46	4° \mathfrak{C} 35'23	
evening rise	-4807 Aug 09 j 23:13	19° \mathfrak{C} 02'13		morning set	-4806 Jun 30 j 20:42	21° \mathfrak{C} 31'56	
desc. node	-4807 Aug 16 j 15:10	29° \mathfrak{C} 29'09			-4806 Jul 05 j 06:13	0° Π	
	-4807 Aug 16 j 23:13	0° Ω					
	-4807 Sep 07 j 05:57	0° \mathfrak{M}		superior conj	-4806 Jul 09 j 21:57	8° Π 48'14	1°49'25
evening max el	-4807 Sep 11 j 22:35	5° \mathfrak{M} 16'47	22°21'04	minimum elong	-4806 Jul 09 j 22:12	8° Π 49'23	1°49'39
retrograde	-4807 Sep 21 j 10:48	10° \mathfrak{M} 55'24		max. Earth dist.	-4806 Jul 17 j 03:58	21° Π 53'00	1.39837 AU
evening set	-4807 Sep 25 j 23:58	9° \mathfrak{M} 05'05		evening rise	-4806 Jul 21 j 11:34	29° Π 16'18	
asc. node	-4807 Sep 30 j 13:49	3° \mathfrak{M} 49'20			-4806 Jul 21 j 22:00	0° \mathfrak{C}	
inferior conj	-4807 Oct 01 j 07:18	2° \mathfrak{M} 49'09	0°14'54	desc. node	-4806 Aug 03 j 12:12	19° \mathfrak{C} 56'06	
minimum elong	-4807 Oct 01 j 06:57	2° \mathfrak{M} 50'22	0°14'52		-4806 Aug 10 j 10:30	0° Ω	
transit middle	-4807 Oct 01 j 06:57	2° \mathfrak{M} 50'22	0°14'52	evening max el	-4806 Aug 25 j 11:35	18° Ω 42'35	23°41'46
transit begin	-4807 Oct 01 j 05:49	2° \mathfrak{M} 54'16		retrograde	-4806 Sep 05 j 02:56	24° Ω 59'41	
transit end	-4807 Oct 01 j 08:04	2° \mathfrak{M} 46'28		evening set	-4806 Sep 10 j 06:30	22° Ω 49'20	
min. Earth dist.	-4807 Oct 01 j 07:35	2° \mathfrak{M} 48'09	0.67370 AU	min. Earth dist.	-4806 Sep 15 j 03:44	17° Ω 05'14	0.67347 AU
	-4807 Oct 03 j 09:29	30° \mathfrak{R} Ω		inferior conj	-4806 Sep 15 j 13:44	16° Ω 31'05	-0°38'20
morning rise	-4807 Oct 06 j 13:48	26° Ω 34'40		minimum elong	-4806 Sep 15 j 14:37	16° Ω 28'03	0°37'47
direct	-4807 Oct 11 j 04:06	24° Ω 42'09		asc. node	-4806 Sep 17 j 10:57	14° Ω 00'19	
	-4807 Oct 20 j 08:03	0° \mathfrak{M}		morning rise	-4806 Sep 20 j 22:42	10° Ω 20'59	
morning max el	-4807 Oct 20 j 17:34	0° \mathfrak{M} 23'56	22°26'05	direct	-4806 Sep 24 j 23:37	8° Ω 49'08	
	-4807 Nov 11 j 20:34	0° $\underline{\Omega}$		morning max el	-4806 Oct 03 j 10:52	13° Ω 48'49	21°05'47
desc. node	-4807 Nov 12 j 15:13	1° $\underline{\Omega}$ 10'24			-4806 Oct 16 j 01:38	0° \mathfrak{M}	
morning set	-4807 Nov 23 j 02:19	17° $\underline{\Omega}$ 33'59		desc. node	-4806 Oct 30 j 12:05	21° \mathfrak{M} 35'50	
max. Earth dist.	-4807 Nov 28 j 14:34	26° $\underline{\Omega}$ 41'21	1.40770 AU	morning set	-4806 Nov 02 j 10:37	26° \mathfrak{M} 10'02	
	-4807 Nov 30 j 13:16	0° \mathfrak{M}			-4806 Nov 04 j 21:05	0° $\underline{\Omega}$	
				max. Earth dist.	-4806 Nov 10 j 19:05	9° $\underline{\Omega}$ 30'05	1.42609 AU
superior conj	-4807 Dec 06 j 08:39	10° \mathfrak{M} 11'10	-1°51'46				
minimum elong	-4807 Dec 06 j 07:04	10° \mathfrak{M} 04'05	1°51'52	superior conj	-4806 Nov 17 j 17:56	21° $\underline{\Omega}$ 04'14	-1°38'30
evening rise	-4807 Dec 16 j 10:05	28° \mathfrak{M} 46'11		minimum elong	-4806 Nov 17 j 12:52	20° $\underline{\Omega}$ 42'43	1°38'11
	-4807 Dec 17 j 01:49	0° \mathfrak{X}			-4806 Nov 22 j 22:07	0° \mathfrak{M}	
asc. node	-4807 Dec 27 j 12:33	18° \mathfrak{X} 19'24		evening rise	-4806 Nov 29 j 07:44	11° \mathfrak{M} 22'08	
evening max el	-4806 Jan 01 j 16:36	24° \mathfrak{X} 49'21	18°18'18		-4806 Dec 10 j 02:24	0° \mathfrak{X}	
retrograde	-4806 Jan 08 j 21:26	28° \mathfrak{X} 24'41		asc. node	-4806 Dec 14 j 09:39	5° \mathfrak{X} 59'41	
evening set	-4806 Jan 11 j 11:12	27° \mathfrak{X} 58'18		evening max el	-4806 Dec 16 j 03:17	7° \mathfrak{X} 54'18	18°07'51
inferior conj	-4806 Jan 18 j 14:25	23° \mathfrak{X} 15'48	4°03'07	retrograde	-4806 Dec 22 j 20:02	11° \mathfrak{X} 23'03	
minimum elong	-4806 Jan 18 j 15:25	23° \mathfrak{X} 13'38	4°02'50	evening set	-4806 Dec 25 j 12:25	10° \mathfrak{X} 49'30	
min. Earth dist.	-4806 Jan 21 j 22:10	20° \mathfrak{X} 26'29	0.59739 AU	inferior conj	-4805 Jan 01 j 03:09	5° \mathfrak{X} 45'36	4°01'52
morning rise	-4806 Jan 25 j 17:53	17° \mathfrak{X} 44'19		minimum elong	-4805 Jan 01 j 01:41	5° \mathfrak{X} 49'13	4°01'32
direct	-4806 Feb 01 j 07:28	15° \mathfrak{X} 48'34		min. Earth dist.	-4805 Jan 04 j 01:52	2° \mathfrak{X} 53'14	0.61706 AU
desc. node	-4806 Feb 08 j 14:58	18° \mathfrak{X} 00'22		morning rise	-4805 Jan 07 j 13:50	29° \mathfrak{M} 58'42	
morning max el	-4806 Feb 15 j 12:04	23° \mathfrak{X} 23'44	27°04'31		-4805 Jan 07 j 13:05	30° \mathfrak{R} \mathfrak{M}	
	-4806 Feb 21 j 11:03	0° \mathfrak{Z}		direct	-4805 Jan 14 j 14:23	27° \mathfrak{M} 30'19	
	-4806 Mar 12 j 11:04	0° \approx			-4805 Jan 22 j 04:25	0° \mathfrak{X}	
morning set	-4806 Mar 18 j 04:07	11° \approx 23'25		desc. node	-4805 Jan 26 j 12:00	3° \mathfrak{X} 14'31	
				morning max el	-4805 Jan 28 j 14:40	5° \mathfrak{X} 11'54	27°38'23
superior conj	-4806 Mar 25 j 06:11	26° \approx 36'54	-0°02'32		-4805 Feb 16 j 06:01	0° \mathfrak{Z}	
minimum elong	-4806 Mar 25 j 06:18	26° \approx 37'33	0°02'39	morning set	-4805 Mar 02 j 09:47	26° \mathfrak{Z} 03'41	
behind sun begin	-4806 Mar 25 j 01:21	26° \approx 10'29			-4805 Mar 04 j 07:29	0° \approx	
behind sun end	-4806 Mar 25 j 11:15	27° \approx 04'37		max. Earth dist.	-4805 Mar 08 j 09:52	8° \approx 44'18	1.32779 AU
max. Earth dist.	-4806 Mar 24 j 22:10	25° \approx 53'01	1.32603 AU				
asc. node	-4806 Mar 25 j 11:58	27° \approx 08'37		superior conj	-4805 Mar 09 j 17:02	11° \approx 33'16	-0°27'21
	-4806 Mar 26 j 19:18	0° \mathfrak{X}		minimum elong	-4805 Mar 09 j 18:14	11° \approx 39'52	0°27'17
evening rise	-4806 Apr 01 j 05:52	11° \mathfrak{X} 41'50		asc. node	-4805 Mar 12 j 08:56	17° \approx 21'06	
	-4806 Apr 10 j 16:08	0° Υ		evening rise	-4805 Mar 16 j 17:02	26° \approx 39'53	
evening max el	-4806 Apr 29 j 15:32	26° Υ 14'20	26°02'25		-4805 Mar 18 j 07:26	0° \mathfrak{X}	
	-4806 May 04 j 03:58	0° \mathfrak{C}			-4805 Apr 04 j 22:59	0° Υ	
desc. node	-4806 May 07 j 13:31	2° \mathfrak{C} 00'25		evening max el	-4805 Apr 11 j 09:02	7° Υ 14'54	24°41'07
retrograde	-4806 May 13 j 17:43	3° \mathfrak{C} 31'00		desc. node	-4805 Apr 24 j 10:42	14° Υ 17'07	
evening set	-4806 May 19 j 17:04	2° \mathfrak{C} 03'38		retrograde	-4805 Apr 25 j 08:26	14° Υ 19'02	
	-4806 May 23 j 05:10	30° \mathfrak{R} Υ		evening set	-4805 Apr 30 j 01:58	13° Υ 28'06	
min. Earth dist.	-4806 May 24 j 04:09	29° Υ 19'41	0.58934 AU	min. Earth dist.	-4805 May 05 j 21:12	10° Υ 29'20	0.57070 AU
inferior conj	-4806 May 27 j 12:43	26° Υ 48'32	-4°05'09	inferior conj	-4805 May 08 j 17:26	8° Υ 38'00	-3°24'00
minimum elong	-4806 May 27 j 10:20	26° Υ 53'03	4°04'51	minimum elong	-4805 May 08 j 12:11	8° Υ 46'38	3°22'54
morning rise	-4806 Jun 04 j 06:12	22° Υ 21'06		morning rise	-4805 May 17 j 01:37	4° Υ 29'35	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

direct	-4805 May 19 j 12:19	4° Υ 12'43		morning max el	-4804 May 10 j 07:26	20° X 35'47	20°27'40
morning max el	-4805 May 28 j 16:21	8° Υ 28'50	19°19'59		-4804 May 17 j 21:57	0° Υ	
asc. node	-4805 Jun 08 j 08:45	23° Υ 27'11		asc. node	-4804 May 25 j 05:44	12° Υ 48'30	
	-4805 Jun 11 j 21:01	0° B		morning set	-4804 May 28 j 23:47	20° Υ 16'54	
morning set	-4805 Jun 14 j 18:54	5° B 42'51			-4804 Jun 02 j 17:14	0° B	
superior conj	-4805 Jun 23 j 01:11	22° B 07'23	1°45'40	superior conj	-4804 Jun 05 j 16:50	6° B 06'05	1°34'35
minimum elong	-4805 Jun 22 j 23:33	21° B 59'25	1°45'46	minimum elong	-4804 Jun 05 j 14:17	5° B 53'06	1°34'28
	-4805 Jun 27 j 03:55	0° II		max. Earth dist.	-4804 Jun 10 j 11:09	15° B 33'52	1.36172 AU
max. Earth dist.	-4805 Jun 29 j 05:16	3° II 49'20	1.37907 AU	evening rise	-4804 Jun 14 j 14:43	23° B 25'57	
evening rise	-4805 Jul 03 j 02:05	10° II 47'28			-4804 Jun 18 j 05:43	0° II	
	-4805 Jul 14 j 15:43	0° B		desc. node	-4804 Jul 07 j 06:21	29° II 56'54	
desc. node	-4805 Jul 21 j 09:16	10° B 07'41			-4804 Jul 07 j 07:15	0° B	
	-4805 Aug 05 j 19:38	0° Ω		evening max el	-4804 Jul 20 j 08:55	15° B 40'52	26°09'04
evening max el	-4805 Aug 07 j 22:12	2° Ω 10'42	25°00'28	retrograde	-4804 Aug 01 j 22:45	22° B 51'51	
retrograde	-4805 Aug 19 j 15:10	9° Ω 00'15		evening set	-4804 Aug 08 j 07:35	20° B 09'23	
evening set	-4805 Aug 25 j 09:43	6° Ω 31'32		min. Earth dist.	-4804 Aug 12 j 11:23	15° B 38'50	0.66337 AU
min. Earth dist.	-4805 Aug 29 j 21:49	1° Ω 23'03	0.67009 AU	inferior conj	-4804 Aug 13 j 20:06	13° B 56'21	-2°20'06
inferior conj	-4805 Aug 30 j 18:37	0° Ω 14'15	-1°30'35	minimum elong	-4804 Aug 13 j 23:08	13° B 46'52	2°18'48
minimum elong	-4805 Aug 30 j 20:41	0° Ω 07'27	1°29'33	morning rise	-4804 Aug 19 j 14:51	8° B 04'19	
	-4805 Aug 30 j 22:56	30° R B		asc. node	-4804 Aug 21 j 05:09	7° B 20'23	
asc. node	-4805 Sep 04 j 08:03	24° B 57'36		direct	-4804 Aug 22 j 19:24	7° B 05'47	
morning rise	-4805 Sep 05 j 07:40	24° B 11'35		morning max el	-4804 Aug 29 j 18:12	11° B 01'41	19°01'28
direct	-4805 Sep 08 j 21:14	22° B 57'59			-4804 Sep 12 j 09:31	0° Ω	
morning max el	-4805 Sep 16 j 11:14	27° B 21'46	19°56'29	morning set	-4804 Sep 20 j 21:31	13° Ω 23'47	
	-4805 Sep 18 j 20:10	0° Ω			-4804 Oct 01 j 10:09	0° B	
	-4805 Oct 09 j 12:47	0° B		desc. node	-4804 Oct 03 j 05:53	2° B 52'14	
morning set	-4805 Oct 12 j 09:24	4° B 25'24		max. Earth dist.	-4804 Oct 05 j 22:27	7° B 06'40	1.44704 AU
desc. node	-4805 Oct 17 j 08:59	12° B 11'09					
max. Earth dist.	-4805 Oct 24 j 06:17	23° B 03'39	1.43975 AU	superior conj	-4804 Oct 07 j 05:58	9° B 11'08	-0°25'03
				minimum elong	-4804 Oct 07 j 02:46	8° B 58'27	0°24'32
superior conj	-4805 Oct 28 j 23:47	0° B 39'47	-1°09'04		-4804 Oct 20 j 06:48	0° B	
minimum elong	-4805 Oct 28 j 17:07	0° B 12'45	1°08'20	evening rise	-4804 Oct 22 j 15:57	3° B 51'38	
	-4805 Oct 28 j 13:58	0° B			-4804 Nov 08 j 08:09	0° B	
evening rise	-4805 Nov 11 j 11:17	23° B 07'28		evening max el	-4804 Nov 12 j 04:02	4° B 36'32	18°43'23
	-4805 Nov 15 j 11:57	0° B		asc. node	-4804 Nov 17 j 03:53	8° B 06'48	
evening max el	-4805 Nov 29 j 16:00	21° B 12'09	18°16'33	retrograde	-4804 Nov 18 j 21:43	8° B 23'36	
asc. node	-4805 Dec 01 j 06:45	22° B 40'49		evening set	-4804 Nov 21 j 22:56	7° B 31'00	
retrograde	-4805 Dec 06 j 05:26	24° B 45'20		inferior conj	-4804 Nov 27 j 19:51	1° B 50'14	3°07'22
evening set	-4805 Dec 09 j 01:25	24° B 03'14		minimum elong	-4804 Nov 27 j 16:36	2° B 00'01	3°06'24
inferior conj	-4805 Dec 15 j 06:11	18° B 39'43	3°41'08		-4804 Nov 29 j 08:29	30° R B	
minimum elong	-4805 Dec 15 j 03:19	18° B 47'35	3°40'28	min. Earth dist.	-4804 Nov 29 j 14:19	29° B 42'44	0.64937 AU
min. Earth dist.	-4805 Dec 17 j 15:13	16° B 03'33	0.63479 AU	morning rise	-4804 Dec 03 j 09:53	25° B 44'05	
morning rise	-4805 Dec 21 j 04:34	12° B 41'44		direct	-4804 Dec 10 j 03:11	22° B 53'28	
direct	-4805 Dec 28 j 05:26	9° B 54'37			-4804 Dec 22 j 19:23	0° B	
morning max el	-4804 Jan 10 j 22:01	17° B 37'35	27°36'05	morning max el	-4804 Dec 23 j 07:26	0° B 29'35	27°00'47
desc. node	-4804 Jan 13 j 08:59	20° B 10'48		desc. node	-4804 Dec 30 j 05:58	8° B 18'56	
	-4804 Jan 21 j 08:27	0° X			-4803 Jan 14 j 08:01	0° X	
	-4804 Feb 08 j 23:57	0° B		morning set	-4803 Jan 27 j 22:24	24° X 03'30	
morning set	-4804 Feb 14 j 08:57	10° B 20'51			-4803 Jan 30 j 23:02	0° B	
max. Earth dist.	-4804 Feb 19 j 15:44	21° B 12'21	1.33333 AU	max. Earth dist.	-4803 Feb 01 j 12:02	3° B 06'17	1.34311 AU
superior conj	-4804 Feb 22 j 01:17	26° B 18'21	-0°51'30	superior conj	-4803 Feb 05 j 04:54	10° B 44'28	-1°13'53
minimum elong	-4804 Feb 22 j 03:28	26° B 30'05	0°51'19	minimum elong	-4803 Feb 05 j 07:45	10° B 59'26	1°13'42
	-4804 Feb 23 j 18:33	0° \approx		evening rise	-4803 Feb 12 j 14:39	26° B 19'59	
asc. node	-4804 Feb 27 j 05:56	7° \approx 27'53		asc. node	-4803 Feb 13 j 02:56	27° B 23'39	
evening rise	-4804 Feb 29 j 04:33	11° \approx 34'56			-4803 Feb 14 j 09:24	0° \approx	
	-4804 Mar 09 j 17:15	0° X		evening max el	-4803 Mar 04 j 22:32	28° \approx 53'52	21°36'19
evening max el	-4804 Mar 23 j 01:23	17° X 59'34	23°07'53		-4803 Mar 06 j 03:47	0° X	
retrograde	-4804 Apr 05 j 10:29	24° X 34'41		retrograde	-4803 Mar 17 j 01:44	4° X 43'12	
evening set	-4804 Apr 08 j 21:13	24° X 08'40		evening set	-4803 Mar 19 j 16:36	4° X 27'45	
desc. node	-4804 Apr 10 j 07:50	23° X 43'14		desc. node	-4803 Mar 28 j 04:59	0° X 52'42	
min. Earth dist.	-4804 Apr 16 j 12:10	20° X 43'34	0.55732 AU	inferior conj	-4803 Mar 28 j 23:51	0° X 26'12	-0°13'00
inferior conj	-4804 Apr 18 j 02:54	19° X 46'51	-2°03'37	minimum elong	-4803 Mar 28 j 23:14	0° X 27'04	0°12'55
minimum elong	-4804 Apr 17 j 21:55	19° X 54'10	2°02'09	transit middle	-4803 Mar 28 j 23:14	0° X 27'04	0°12'55
morning rise	-4804 Apr 27 j 01:01	15° X 48'27		transit begin	-4803 Mar 28 j 20:52	0° X 30'24	
direct	-4804 Apr 29 j 12:23	15° X 33'39		transit end	-4803 Mar 29 j 01:36	0° X 23'44	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

min. Earth dist.	-4803 Mar 29 j 02:22	0° H 22'39	0.55203 AU	minimum elong	-4802 Mar 09 j 01:33	10° \approx 56'24	1°37'59
	-4803 Mar 29 j 18:29	30° R \approx		min. Earth dist.	-4802 Mar 10 j 16:22	9° \approx 58'46	0.55599 AU
morning rise	-4803 Apr 07 j 06:09	26° \approx 23'01		desc. node	-4802 Mar 15 j 02:09	7° \approx 39'44	
direct	-4803 Apr 10 j 01:47	26° \approx 05'26		morning rise	-4802 Mar 18 j 00:17	6° \approx 37'45	
	-4803 Apr 20 j 03:09	0° H		direct	-4802 Mar 21 j 16:25	6° \approx 08'15	
morning max el	-4803 Apr 22 j 11:30	2° H 00'32	21°53'14	morning max el	-4802 Apr 04 j 06:28	12° \approx 50'14	23°30'25
	-4803 May 10 j 20:45	0° Y			-4802 Apr 17 j 06:47	0° H	
asc. node	-4803 May 12 j 02:43	2° Y 31'32		morning set	-4802 Apr 27 j 20:41	20° H 07'45	
morning set	-4803 May 13 j 09:02	5° Y 07'28		asc. node	-4802 Apr 28 j 23:41	22° H 29'45	
					-4802 May 02 j 11:54	0° Y	
superior conj	-4803 May 20 j 17:12	20° Y 33'14	1°18'17	superior conj	-4802 May 04 j 23:25	5° Y 19'33	0°58'18
minimum elong	-4803 May 20 j 14:30	20° Y 19'03	1°17'58	minimum elong	-4802 May 04 j 21:06	5° Y 07'14	0°57'54
max. Earth dist.	-4803 May 24 j 02:35	27° Y 33'40	1.34759 AU	max. Earth dist.	-4802 May 07 j 03:53	9° Y 58'45	1.33706 AU
	-4803 May 25 j 07:30	0° B		evening rise	-4802 May 12 j 13:11	21° Y 04'15	
evening rise	-4803 May 28 j 19:59	6° B 56'27			-4802 May 17 j 04:01	0° B	
	-4803 Jun 10 j 20:52	0° II			-4802 Jun 04 j 19:01	0° II	
desc. node	-4803 Jun 24 j 03:26	19° II 14'21		desc. node	-4802 Jun 11 j 00:35	7° II 46'10	
evening max el	-4803 Jul 02 j 20:20	29° II 06'44	26°59'18	evening max el	-4802 Jun 15 j 07:04	12° II 16'06	27°23'52
	-4803 Jul 03 j 18:50	0° E		retrograde	-4802 Jun 28 j 21:45	19° II 41'01	
retrograde	-4803 Jul 16 j 01:04	6° E 28'19		evening set	-4802 Jul 06 j 00:49	16° II 58'40	
evening set	-4803 Jul 22 j 21:38	3° E 40'10		min. Earth dist.	-4802 Jul 09 j 15:56	13° II 41'17	0.63883 AU
	-4803 Jul 26 j 13:53	30° R II		inferior conj	-4802 Jul 12 j 04:11	11° II 02'46	-3°41'40
min. Earth dist.	-4803 Jul 26 j 18:07	29° II 47'59	0.65301 AU	minimum elong	-4802 Jul 12 j 07:35	10° II 53'49	3°40'47
inferior conj	-4803 Jul 28 j 16:09	27° II 34'23	-3°04'44	morning rise	-4802 Jul 18 j 15:06	5° II 41'54	
minimum elong	-4803 Jul 28 j 19:43	27° II 24'00	3°03'29	direct	-4802 Jul 21 j 08:18	5° II 04'48	
morning rise	-4803 Aug 03 j 18:10	21° II 56'19		asc. node	-4802 Jul 25 j 23:21	6° II 51'21	
direct	-4803 Aug 06 j 16:00	21° II 09'49		morning max el	-4802 Jul 27 j 20:37	8° II 30'22	18°01'12
asc. node	-4803 Aug 08 j 02:15	21° II 20'55			-4802 Aug 11 j 04:30	0° E	
morning max el	-4803 Aug 13 j 06:07	24° II 46'09	18°22'40	morning set	-4802 Aug 14 j 04:01	5° E 07'53	
	-4803 Aug 17 j 13:27	0° E					
morning set	-4803 Sep 01 j 11:44	23° E 38'50		superior conj	-4802 Aug 26 j 22:04	26° E 36'40	1°06'12
	-4803 Sep 05 j 08:52	0° Ω		minimum elong	-4802 Aug 27 j 04:01	27° E 00'58	1°05'46
superior conj	-4803 Sep 16 j 05:59	17° Ω 29'11	0°24'15		-4802 Aug 28 j 23:59	0° Ω	
minimum elong	-4803 Sep 16 j 09:01	17° Ω 41'13	0°24'01	max. Earth dist.	-4802 Sep 01 j 09:19	5° Ω 27'21	1.44006 AU
max. Earth dist.	-4803 Sep 18 j 16:41	21° Ω 21'28	1.44712 AU	desc. node	-4802 Sep 06 j 23:46	14° Ω 19'27	
desc. node	-4803 Sep 20 j 02:49	23° Ω 36'09		evening rise	-4802 Sep 12 j 03:05	22° Ω 19'23	
	-4803 Sep 24 j 04:26	0° H			-4802 Sep 17 j 03:00	0° H	
evening rise	-4803 Oct 02 j 19:25	13° H 31'01			-4802 Oct 08 j 07:21	0° E	
	-4803 Oct 13 j 09:19	0° E		evening max el	-4802 Oct 09 j 16:31	1° E 29'29	20°25'39
greatest brilliancy	-4803 Oct 13 j 12:57	0° E 13'55	-0.7m	retrograde	-4802 Oct 17 j 14:58	6° E 09'46	
evening max el	-4803 Oct 26 j 12:54	18° E 03'28	19°27'00	evening set	-4802 Oct 21 j 08:51	4° E 48'40	
retrograde	-4803 Nov 02 j 17:44	22° E 13'08		asc. node	-4802 Oct 21 j 22:12	4° E 22'45	
asc. node	-4803 Nov 04 j 01:02	22° E 03'18			-4802 Oct 25 j 20:24	30° R H	
evening set	-4803 Nov 06 j 02:13	21° E 07'35		inferior conj	-4802 Oct 26 j 19:33	28° H 42'40	1°36'54
inferior conj	-4803 Nov 11 j 17:09	15° E 12'33	2°24'58	minimum elong	-4802 Oct 26 j 17:26	28° H 49'47	1°36'05
minimum elong	-4803 Nov 11 j 14:14	15° E 21'56	2°23'56	min. Earth dist.	-4802 Oct 27 j 12:29	27° H 45'36	0.66795 AU
min. Earth dist.	-4803 Nov 12 j 22:04	13° E 39'30	0.66040 AU	morning rise	-4802 Nov 01 j 01:50	22° H 27'20	
morning rise	-4803 Nov 17 j 02:02	9° E 00'34		direct	-4802 Nov 06 j 15:35	20° H 02'11	
direct	-4803 Nov 23 j 06:42	6° E 18'46		morning max el	-4802 Nov 18 j 01:47	26° H 50'18	24°41'05
morning max el	-4803 Dec 05 j 16:53	13° E 36'55	25°59'27		-4802 Nov 21 j 00:39	0° E	
desc. node	-4803 Dec 17 j 02:57	27° E 17'56		desc. node	-4802 Dec 03 j 23:54	16° E 52'31	
	-4803 Dec 19 j 02:03	0° M			-4802 Dec 12 j 17:29	0° M	
	-4802 Jan 07 j 01:11	0° J		morning set	-4802 Dec 24 j 02:05	18° M 52'43	
morning set	-4802 Jan 10 j 21:56	6° J 59'11		max. Earth dist.	-4802 Dec 27 j 20:20	25° M 37'08	1.37545 AU
max. Earth dist.	-4802 Jan 14 j 20:59	14° J 28'12	1.35735 AU		-4802 Dec 30 j 05:14	0° J	
superior conj	-4802 Jan 20 j 01:25	24° J 44'07	-1°33'02	superior conj	-4801 Jan 03 j 11:35	8° J 08'01	-1°46'59
minimum elong	-4802 Jan 20 j 04:23	24° J 59'12	1°32'57	minimum elong	-4801 Jan 03 j 13:48	8° J 18'43	1°47'06
	-4802 Jan 22 j 15:20	0° B		evening rise	-4801 Jan 11 j 22:56	24° J 56'17	
evening rise	-4802 Jan 27 j 21:30	10° B 49'12			-4801 Jan 14 j 12:32	0° B	
asc. node	-4802 Jan 30 j 23:58	17° B 03'26		asc. node	-4801 Jan 17 j 21:02	6° B 21'19	
	-4802 Feb 07 j 04:19	0° \approx		evening max el	-4801 Jan 28 j 21:41	22° B 16'22	19°15'11
evening max el	-4802 Feb 15 j 04:52	10° \approx 17'05	20°16'49	retrograde	-4801 Feb 06 j 19:32	26° B 31'07	
retrograde	-4802 Feb 25 j 16:37	15° \approx 15'22		evening set	-4801 Feb 09 j 04:54	26° B 14'07	
evening set	-4802 Feb 28 j 01:05	15° \approx 01'26		inferior conj	-4801 Feb 17 j 08:53	22° B 03'28	3°04'33
inferior conj	-4802 Mar 08 j 21:29	11° \approx 02'26	1°39'27	minimum elong	-4801 Feb 17 j 13:52	21° B 55'02	3°03'11

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

min. Earth dist.	-4801 Feb 20 j 07:16	20° Z 05'14	0.56818 AU	min. Earth dist.	-4800 Feb 02 j 00:51	1° Z 02'55	0.58594 AU
morning rise	-4801 Feb 25 j 20:14	17° Z 08'56			-4800 Feb 03 j 12:01	30° R Z	
desc. node	-4801 Mar 01 j 23:18	16° Z 14'42		morning rise	-4800 Feb 06 j 06:52	28° Z 20'06	
direct	-4801 Mar 02 j 17:56	16° Z 13'17		direct	-4800 Feb 12 j 08:43	26° Z 46'27	
morning max el	-4801 Mar 16 j 21:36	23° Z 27'10	25°07'29	desc. node	-4800 Feb 16 j 20:25	27° Z 36'04	
	-4801 Mar 22 j 18:46	0° \approx			-4800 Feb 21 j 10:21	0° Z	
	-4801 Apr 09 j 20:37	0° X		morning max el	-4800 Feb 26 j 14:40	4° Z 17'11	26°29'27
morning set	-4801 Apr 12 j 09:02	5° X 11'45			-4800 Mar 16 j 08:10	0° \approx	
asc. node	-4801 Apr 15 j 20:39	12° X 38'11		morning set	-4800 Mar 26 j 20:15	20° \approx 11'42	
					-4800 Mar 31 j 10:12	0° X	
superior conj	-4801 Apr 19 j 09:16	20° X 17'50	0°35'49	asc. node	-4800 Apr 01 j 17:36	2° X 51'18	
minimum elong	-4801 Apr 19 j 07:45	20° X 09'35	0°35'28				
max. Earth dist.	-4801 Apr 20 j 12:40	22° X 46'27	1.33011 AU	superior conj	-4800 Apr 02 j 20:49	5° X 20'07	0°11'46
	-4801 Apr 23 j 21:40	0° Y		minimum elong	-4800 Apr 02 j 20:18	5° X 17'18	0°11'32
evening rise	-4801 Apr 26 j 14:42	5° Y 38'14		behind sun begin	-4800 Apr 02 j 16:53	4° X 58'33	
	-4801 May 09 j 18:58	0° Z		behind sun end	-4800 Apr 02 j 23:44	5° X 36'03	
evening max el	-4801 May 28 j 14:53	24° Z 56'49	27°17'33	max. Earth dist.	-4800 Apr 03 j 01:25	5° X 45'19	1.32656 AU
desc. node	-4801 May 28 j 21:45	25° Z 13'09		evening rise	-4800 Apr 09 j 21:39	20° X 27'35	
	-4801 Jun 04 j 00:59	0° II			-4800 Apr 14 j 15:30	0° Y	
retrograde	-4801 Jun 11 j 12:15	2° II 21'14			-4800 May 03 j 10:01	0° Z	
evening set	-4801 Jun 18 j 13:23	29° Z 58'48		evening max el	-4800 May 09 j 17:34	6° Z 58'33	26°38'33
	-4801 Jun 18 j 12:39	30° R Z		desc. node	-4800 May 14 j 18:56	11° Z 07'20	
min. Earth dist.	-4801 Jun 22 j 04:00	27° Z 06'30	0.62112 AU	retrograde	-4800 May 23 j 19:15	14° Z 19'23	
inferior conj	-4801 Jun 25 j 05:13	24° Z 15'20	-4°06'38	evening set	-4800 May 30 j 07:12	12° Z 30'05	
minimum elong	-4801 Jun 25 j 07:20	24° Z 10'20	4°06'15	min. Earth dist.	-4800 Jun 03 j 06:56	9° Z 47'36	0.60106 AU
morning rise	-4801 Jul 02 j 02:40	19° Z 14'16		inferior conj	-4800 Jun 06 j 15:38	7° Z 02'46	-4°13'13
direct	-4801 Jul 04 j 16:55	18° Z 44'31		minimum elong	-4800 Jun 06 j 15:10	7° Z 03'44	4°13'04
morning max el	-4801 Jul 11 j 11:02	22° Z 08'47	17°58'00	morning rise	-4800 Jun 14 j 01:18	2° Z 22'56	
asc. node	-4801 Jul 12 j 20:25	23° Z 37'12		direct	-4800 Jun 16 j 13:50	1° Z 59'01	
	-4801 Jul 17 j 12:48	0° II		morning max el	-4800 Jun 23 j 22:27	5° Z 33'01	18°13'59
morning set	-4801 Jul 27 j 17:34	17° II 38'14		asc. node	-4800 Jun 28 j 17:25	11° Z 22'10	
	-4801 Aug 03 j 15:28	0° Z			-4800 Jul 09 j 11:11	0° II	
superior conj	-4801 Aug 07 j 17:21	7° Z 05'34	1°33'54	morning set	-4800 Jul 09 j 23:07	0° II 56'10	
minimum elong	-4801 Aug 07 j 21:57	7° Z 25'15	1°33'48				
max. Earth dist.	-4801 Aug 14 j 21:05	19° Z 05'22	1.42690 AU	superior conj	-4800 Jul 19 j 14:41	18° II 52'29	1°47'14
	-4801 Aug 21 j 16:08	0° Z		minimum elong	-4800 Jul 19 j 16:26	19° II 00'23	1°47'26
evening rise	-4801 Aug 22 j 07:56	1° Z 02'09			-4800 Jul 25 j 22:09	0° Z	
desc. node	-4801 Aug 24 j 20:43	4° Z 59'16		max. Earth dist.	-4800 Jul 27 j 02:57	2° Z 03'02	1.40945 AU
	-4801 Sep 10 j 17:20	0° II		evening rise	-4800 Aug 01 j 05:39	10° Z 33'56	
evening max el	-4801 Sep 22 j 13:49	14° II 54'04	21°36'29	desc. node	-4800 Aug 10 j 17:43	25° Z 32'03	
retrograde	-4801 Oct 01 j 11:22	20° II 11'02			-4800 Aug 13 j 16:55	0° Z	
evening set	-4801 Oct 05 j 16:51	18° II 32'00		evening max el	-4800 Sep 04 j 05:23	28° Z 19'03	22°55'17
asc. node	-4801 Oct 08 j 19:23	15° II 17'28			-4800 Sep 05 j 23:37	0° II	
inferior conj	-4801 Oct 11 j 00:56	12° II 18'35	0°45'23	retrograde	-4800 Sep 14 j 05:21	4° II 14'45	
minimum elong	-4801 Oct 10 j 23:53	12° II 22'09	0°45'02	evening set	-4800 Sep 19 j 00:23	2° II 16'09	
min. Earth dist.	-4801 Oct 11 j 07:08	11° II 57'12	0.67240 AU		-4800 Sep 21 j 05:55	30° R Z	
morning rise	-4801 Oct 16 j 06:47	6° II 02'42		inferior conj	-4800 Sep 24 j 07:28	25° Z 58'48	-0°07'43
direct	-4801 Oct 21 j 05:21	3° II 57'57		minimum elong	-4800 Sep 24 j 07:39	25° Z 58'12	0°07'29
morning max el	-4801 Oct 31 j 11:30	10° II 05'50	23°15'13	transit middle	-4800 Sep 24 j 07:39	25° Z 58'12	0°07'29
	-4801 Nov 16 j 03:55	0° Z		transit begin	-4800 Sep 24 j 05:15	26° Z 06'29	
desc. node	-4801 Nov 20 j 20:48	6° Z 52'09		transit end	-4800 Sep 24 j 10:03	25° Z 49'56	
morning set	-4801 Dec 05 j 04:41	29° Z 27'57		min. Earth dist.	-4800 Sep 24 j 03:29	26° Z 12'33	0.67391 AU
	-4801 Dec 05 j 12:22	0° III		asc. node	-4800 Sep 24 j 16:32	25° Z 27'36	
max. Earth dist.	-4801 Dec 09 j 16:09	7° III 04'47	1.39584 AU	morning rise	-4800 Sep 29 j 14:47	19° Z 45'32	
				direct	-4800 Oct 03 j 23:11	18° Z 01'52	
superior conj	-4801 Dec 17 j 07:05	20° III 43'55	-1°53'07	morning max el	-4800 Oct 13 j 01:03	23° Z 25'36	21°50'49
minimum elong	-4801 Dec 17 j 07:15	20° III 44'46	1°53'18		-4800 Oct 18 j 17:15	0° II	
	-4801 Dec 22 j 05:19	0° Z		desc. node	-4800 Nov 06 j 17:41	27° II 09'43	
evening rise	-4801 Dec 26 j 16:15	8° Z 33'32			-4800 Nov 08 j 14:00	0° Z	
asc. node	-4800 Jan 04 j 18:07	25° Z 09'06		morning set	-4800 Nov 14 j 02:43	8° Z 40'37	
	-4800 Jan 07 j 22:39	0° Z		max. Earth dist.	-4800 Nov 20 j 16:04	19° Z 20'37	1.41587 AU
evening max el	-4800 Jan 11 j 23:34	4° Z 47'16	18°33'22		-4800 Nov 26 j 22:43	0° III	
retrograde	-4800 Jan 19 j 16:16	8° Z 32'30		superior conj	-4800 Nov 28 j 06:31	2° III 18'39	-1°47'59
evening set	-4800 Jan 22 j 04:24	8° Z 10'01		minimum elong	-4800 Nov 28 j 03:27	2° III 05'12	1°47'58
inferior conj	-4800 Jan 29 j 16:03	3° Z 40'19	3°51'41	evening rise	-4800 Dec 08 j 22:09	21° III 33'47	
minimum elong	-4800 Jan 29 j 18:46	3° Z 34'58	3°51'06		-4800 Dec 13 j 12:46	0° Z	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4800 Dec 21 j 15:13	13°♊17'17		asc. node	-4799 Dec 08 j 12:19	0°♊33'44	
evening max el	-4800 Dec 25 j 07:55	17°♊42'13	18°11'34	evening max el	-4799 Dec 08 j 19:49	0°♊52'57	18°09'18
retrograde	-4799 Jan 01 j 06:19	21°♊12'55		retrograde	-4799 Dec 15 j 09:57	4°♊22'01	
evening set	-4799 Jan 03 j 21:13	20°♊43'33		evening set	-4799 Dec 18 j 03:51	3°♊44'50	
inferior conj	-4799 Jan 10 j 18:49	15°♊52'08	4°05'27		-4799 Dec 23 j 03:17	30°♋	
minimum elong	-4799 Jan 10 j 18:39	15°♊52'30	4°05'13	inferior conj	-4799 Dec 24 j 14:02	28°♋32'11	3°54'59
min. Earth dist.	-4799 Jan 13 j 23:48	12°♊58'39	0.60586 AU	minimum elong	-4799 Dec 24 j 11:49	28°♋37'52	3°54'32
morning rise	-4799 Jan 17 j 14:37	10°♊13'41		min. Earth dist.	-4799 Dec 27 j 07:08	25°♋45'02	0.62496 AU
direct	-4799 Jan 24 j 10:32	8°♊02'21		morning rise	-4799 Dec 30 j 18:58	22°♋40'26	
desc. node	-4799 Feb 02 j 17:28	11°♊34'45		direct	-4798 Jan 06 j 20:56	20°♋02'24	
morning max el	-4799 Feb 07 j 13:21	15°♊40'46	27°23'14	desc. node	-4798 Jan 20 j 14:29	27°♋35'36	
	-4799 Feb 19 j 06:57	0°♋		morning max el	-4798 Jan 20 j 18:04	27°♋44'23	27°41'50
	-4799 Mar 08 j 17:18	0°♋			-4798 Jan 22 j 22:43	0°♋	
morning set	-4799 Mar 11 j 04:31	5°♋00'58			-4798 Feb 12 j 22:46	0°♋	
max. Earth dist.	-4799 Mar 17 j 14:36	18°♋43'10	1.32637 AU	morning set	-4798 Feb 23 j 07:45	19°♋31'50	
					-4798 Feb 28 j 08:18	0°♋	
superior conj	-4799 Mar 18 j 08:23	20°♋20'13	-0°13'02	max. Earth dist.	-4798 Mar 01 j 00:23	1°♋26'02	1.32967 AU
minimum elong	-4799 Mar 18 j 08:58	20°♋23'25	0°13'06				
behind sun begin	-4799 Mar 18 j 06:09	20°♋07'58		superior conj	-4798 Mar 02 j 18:20	5°♋12'04	-0°37'43
behind sun end	-4799 Mar 18 j 11:48	20°♋38'52		minimum elong	-4798 Mar 02 j 19:59	5°♋21'00	0°37'36
asc. node	-4799 Mar 19 j 14:33	23°♋05'04		asc. node	-4798 Mar 06 j 11:32	13°♋15'24	
	-4799 Mar 22 j 18:54	0°♋		evening rise	-4798 Mar 09 j 19:21	20°♋21'54	
evening rise	-4799 Mar 25 j 07:50	5°♋24'31			-4798 Mar 14 j 13:03	0°♋	
	-4799 Apr 07 j 11:09	0°♋		evening max el	-4798 Apr 03 j 06:42	29°♋10'42	24°02'09
evening max el	-4799 Apr 21 j 14:15	18°♋19'37	25°30'11		-4798 Apr 04 j 03:54	0°♋	
desc. node	-4799 May 01 j 16:06	24°♋53'50		retrograde	-4798 Apr 17 j 01:20	6°♋04'06	
retrograde	-4799 May 05 j 16:19	25°♋31'45		desc. node	-4798 Apr 18 j 13:15	5°♋59'01	
evening set	-4799 May 11 j 03:39	24°♋21'02		evening set	-4798 Apr 21 j 05:26	5°♋25'29	
min. Earth dist.	-4799 May 16 j 02:47	21°♋32'08	0.58105 AU	min. Earth dist.	-4798 Apr 27 j 18:28	2°♋17'11	0.56422 AU
inferior conj	-4799 May 19 j 07:56	19°♋15'52	-3°52'20	inferior conj	-4798 Apr 30 j 04:11	0°♋47'58	-2°54'41
minimum elong	-4799 May 19 j 04:09	19°♋22'37	3°51'44	minimum elong	-4798 Apr 29 j 22:30	0°♋56'48	2°53'16
morning rise	-4799 May 27 j 07:30	14°♋56'41			-4798 May 01 j 11:25	30°♌	
direct	-4799 May 29 j 18:53	14°♋37'29		morning rise	-4798 May 08 j 18:34	26°♌45'16	
morning max el	-4799 Jun 07 j 03:58	18°♋34'03	18°49'58	direct	-4798 May 11 j 05:22	26°♌29'30	
asc. node	-4799 Jun 15 j 14:24	29°♋52'43			-4798 May 19 j 20:03	0°♋	
	-4799 Jun 15 j 16:07	0°♋		morning max el	-4798 May 21 j 00:57	1°♋03'14	19°46'21
morning set	-4799 Jun 23 j 16:15	14°♋50'28		asc. node	-4798 Jun 02 j 11:22	18°♋58'21	
	-4799 Jul 01 j 11:08	0°♋		morning set	-4798 Jun 07 j 17:41	29°♋12'54	
					-4798 Jun 08 j 03:03	0°♋	
superior conj	-4799 Jul 02 j 08:36	1°♋42'14	1°48'52				
minimum elong	-4799 Jul 02 j 07:55	1°♋39'02	1°49'04	superior conj	-4798 Jun 15 j 17:42	15°♋20'16	1°41'44
max. Earth dist.	-4799 Jul 09 j 05:01	14°♋19'52	1.39012 AU	minimum elong	-4798 Jun 15 j 15:34	15°♋09'40	1°41'44
evening rise	-4799 Jul 13 j 05:23	21°♋21'17		max. Earth dist.	-4798 Jun 21 j 08:05	26°♋10'27	1.37141 AU
	-4799 Jul 18 j 09:29	0°♋			-4798 Jun 23 j 09:24	0°♋	
desc. node	-4799 Jul 28 j 14:45	15°♋52'59		evening rise	-4798 Jun 25 j 06:03	3°♋23'18	
	-4799 Aug 07 j 16:47	0°♋			-4798 Jul 11 j 10:06	0°♋	
evening max el	-4799 Aug 17 j 17:12	11°♋46'10	24°16'03	desc. node	-4798 Jul 15 j 11:50	5°♋56'20	
retrograde	-4799 Aug 28 j 19:46	18°♋17'31		evening max el	-4798 Jul 31 j 03:45	25°♋16'06	25°31'16
evening set	-4799 Sep 03 j 05:41	15°♋59'15			-4798 Aug 05 j 20:32	0°♋	
min. Earth dist.	-4799 Sep 07 j 23:01	10°♋29'55	0.67244 AU	retrograde	-4798 Aug 12 j 05:56	2°♋15'27	
inferior conj	-4799 Sep 08 j 13:26	9°♋41'15	-1°00'45		-4798 Aug 17 j 21:26	30°♌	
minimum elong	-4799 Sep 08 j 14:50	9°♋36'31	0°59'58	evening set	-4798 Aug 18 j 06:54	29°♋40'01	
asc. node	-4799 Sep 11 j 13:38	5°♋51'30		min. Earth dist.	-4798 Aug 22 j 15:23	24°♋47'42	0.66776 AU
morning rise	-4799 Sep 13 j 23:56	3°♋33'51		inferior conj	-4798 Aug 23 j 17:07	23°♋24'24	-1°52'02
direct	-4799 Sep 17 j 19:51	2°♋09'54		minimum elong	-4798 Aug 23 j 19:38	23°♋16'18	1°50'51
morning max el	-4799 Sep 25 j 21:09	6°♋53'03	20°34'41	morning rise	-4798 Aug 29 j 08:26	17°♋26'04	
	-4799 Oct 13 j 00:54	0°♋		asc. node	-4798 Aug 29 j 10:44	17°♋22'21	
morning set	-4799 Oct 24 j 04:04	16°♋58'46		direct	-4798 Sep 01 j 17:56	16°♋19'13	
desc. node	-4799 Oct 24 j 14:33	17°♋39'32		morning max el	-4798 Sep 09 j 00:32	20°♋29'37	19°31'11
	-4799 Nov 01 j 10:18	0°♋			-4798 Sep 16 j 13:16	0°♋	
max. Earth dist.	-4799 Nov 02 j 23:47	2°♋30'37	1.43264 AU	morning set	-4798 Oct 03 j 06:05	25°♋26'05	
					-4798 Oct 06 j 04:20	0°♋	
superior conj	-4799 Nov 09 j 04:19	12°♋38'38	-1°28'03	desc. node	-4798 Oct 11 j 11:28	8°♋17'41	
minimum elong	-4799 Nov 08 j 22:07	12°♋12'50	1°27'31	max. Earth dist.	-4798 Oct 16 j 13:59	16°♋20'52	1.44378 AU
	-4799 Nov 19 j 08:23	0°♋					
evening rise	-4799 Nov 21 j 12:35	3°♋48'35		superior conj	-4798 Oct 19 j 22:48	21°♋42'27	-0°51'47
	-4799 Dec 07 j 23:47	0°♋		minimum elong	-4798 Oct 19 j 16:55	21°♋18'57	0°51'01

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4798 Oct 25 j 02:20	0°♊		evening rise	-4797 Oct 15 j 00:57	25°♎25'37	
evening rise	-4798 Nov 03 j 06:57	15°♊08'59			-4797 Oct 17 j 21:39	0°♊	
	-4798 Nov 12 j 05:29	0°♋		evening max el	-4797 Nov 05 j 19:24	27°♊38'59	18°59'58
evening max el	-4798 Nov 22 j 08:29	14°♋13'21	18°25'46		-4797 Nov 08 j 11:27	0°♋	
asc. node	-4798 Nov 25 j 09:26	16°♋44'24		asc. node	-4797 Nov 12 j 06:35	1°♋33'59	
retrograde	-4798 Nov 28 j 22:50	17°♋51'30		retrograde	-4797 Nov 12 j 17:11	1°♋35'05	
evening set	-4798 Dec 01 j 20:50	17°♋05'07		evening set	-4797 Nov 15 j 21:08	0°♋37'25	
inferior conj	-4798 Dec 07 j 21:59	11°♋33'34	3°28'05		-4797 Nov 16 j 19:00	30°♋♊	
minimum elong	-4798 Dec 07 j 18:51	11°♋42'33	3°27'16	inferior conj	-4797 Nov 21 j 15:17	24°♊50'07	2°50'16
min. Earth dist.	-4798 Dec 10 j 00:38	9°♋08'46	0.64141 AU	minimum elong	-4797 Nov 21 j 12:07	24°♊59'59	2°49'13
morning rise	-4798 Dec 13 j 16:22	5°♋31'42		min. Earth dist.	-4797 Nov 23 j 03:49	22°♊56'41	0.65444 AU
direct	-4798 Dec 20 j 14:38	2°♋41'42		morning rise	-4797 Nov 27 j 02:44	18°♊40'52	
morning max el	-4797 Jan 03 j 02:47	10°♋22'41	27°24'52	direct	-4797 Dec 03 j 14:58	15°♊52'44	
desc. node	-4797 Jan 07 j 11:29	15°♋05'03		morning max el	-4797 Dec 16 j 12:39	23°♊23'37	26°37'24
	-4797 Jan 18 j 16:03	0°♌			-4797 Dec 22 j 11:16	0°♋	
	-4797 Feb 05 j 06:58	0°♌		desc. node	-4797 Dec 25 j 08:29	3°♋37'16	
morning set	-4797 Feb 07 j 03:12	3°♌35'08			-4796 Jan 11 j 23:22	0°♌	
max. Earth dist.	-4797 Feb 12 j 02:47	13°♌40'48	1.33692 AU	morning set	-4796 Jan 21 j 11:23	17°♌00'03	
				max. Earth dist.	-4796 Jan 25 j 18:24	25°♌20'25	1.34855 AU
superior conj	-4797 Feb 15 j 00:51	19°♌49'07	-1°01'18		-4796 Jan 28 j 01:59	0°♌	
minimum elong	-4797 Feb 15 j 03:23	20°♌02'32	1°01'06				
	-4797 Feb 19 j 19:18	0°♍		superior conj	-4796 Jan 30 j 01:49	4°♌05'05	-1°22'31
asc. node	-4797 Feb 21 j 08:33	3°♍17'38		minimum elong	-4796 Jan 30 j 04:49	4°♌20'34	1°22'21
evening rise	-4797 Feb 22 j 06:29	5°♍12'58		evening rise	-4796 Feb 06 j 15:29	19°♌52'05	
	-4797 Mar 07 j 20:29	0°♎		asc. node	-4796 Feb 08 j 05:35	23°♌07'20	
evening max el	-4797 Mar 16 j 00:10	9°♎55'07	22°28'01		-4796 Feb 11 j 17:11	0°♍	
retrograde	-4797 Mar 28 j 22:18	16°♎13'05		evening max el	-4796 Feb 26 j 00:50	21°♍00'01	21°00'39
evening set	-4797 Mar 31 j 22:58	15°♎52'55		retrograde	-4796 Mar 08 j 12:15	26°♍27'57	
desc. node	-4797 Apr 05 j 10:25	14°♎17'55		evening set	-4796 Mar 10 j 22:40	26°♍14'06	
min. Earth dist.	-4797 Apr 09 j 08:43	12°♎12'51	0.55389 AU	inferior conj	-4796 Mar 20 j 02:29	22°♍15'43	0°36'26
inferior conj	-4797 Apr 10 j 06:59	11°♎41'09	-1°19'04	minimum elong	-4796 Mar 20 j 04:07	22°♍13'22	0°35'43
minimum elong	-4797 Apr 10 j 03:28	11°♎46'09	1°18'00	min. Earth dist.	-4796 Mar 20 j 23:05	21°♍46'18	0.55249 AU
morning rise	-4797 Apr 19 j 09:44	7°♎43'23		desc. node	-4796 Mar 22 j 07:34	21°♍00'39	
direct	-4797 Apr 21 j 23:13	7°♎28'17		morning rise	-4796 Mar 29 j 08:52	18°♍04'50	
morning max el	-4797 May 03 j 11:25	12°♎52'18	21°02'15	direct	-4796 Apr 01 j 11:21	17°♍43'48	
	-4797 May 15 j 20:40	0°♏		morning max el	-4796 Apr 14 j 11:22	24°♍01'00	22°33'46
asc. node	-4797 May 20 j 08:21	8°♏29'35			-4796 Apr 19 j 20:06	0°♎	
morning set	-4797 May 23 j 00:43	13°♏54'55		morning set	-4796 May 06 j 11:13	28°♎50'03	
				asc. node	-4796 May 06 j 05:21	28°♎19'32	
superior conj	-4797 May 30 j 13:31	29°♏32'38	1°28'13		-4796 May 07 j 00:37	0°♏	
minimum elong	-4797 May 30 j 10:48	29°♏18'44	1°28'01				
	-4797 May 30 j 18:50	0°♐		superior conj	-4796 May 13 j 16:42	14°♏08'59	1°10'11
max. Earth dist.	-4797 Jun 03 j 17:40	7°♐58'57	1.35524 AU	minimum elong	-4796 May 13 j 14:06	13°♏55'16	1°09'51
evening rise	-4797 Jun 08 j 02:24	16°♐25'38		max. Earth dist.	-4796 May 16 j 13:07	20°♏07'22	1.34261 AU
	-4797 Jun 15 j 15:29	0°♑			-4796 May 21 j 10:31	0°♐	
desc. node	-4797 Jul 02 j 08:56	25°♑33'32		evening rise	-4796 May 21 j 13:16	0°♐13'28	
	-4797 Jul 05 j 19:19	0°♒			-4796 Jun 07 j 16:22	0°♑	
evening max el	-4797 Jul 13 j 14:37	8°♒44'50	26°32'57	desc. node	-4796 Jun 18 j 06:02	14°♑33'29	
retrograde	-4797 Jul 26 j 11:26	16°♒01'52		evening max el	-4796 Jun 25 j 01:52	22°♑04'44	27°13'12
evening set	-4797 Aug 02 j 01:49	13°♒15'25		retrograde	-4796 Jul 08 j 11:42	29°♑29'15	
min. Earth dist.	-4797 Aug 06 j 02:14	9°♒01'35	0.65950 AU	evening set	-4796 Jul 15 j 11:43	26°♑41'51	
inferior conj	-4797 Aug 07 j 16:35	7°♒05'03	-2°39'45	min. Earth dist.	-4796 Jul 19 j 05:29	23°♑05'08	0.64744 AU
minimum elong	-4797 Aug 07 j 19:54	6°♒54'57	2°38'26	inferior conj	-4796 Jul 21 j 09:34	20°♑39'38	-3°21'33
morning rise	-4797 Aug 13 j 14:16	1°♒18'51		minimum elong	-4796 Jul 21 j 13:11	20°♑29'33	3°20'26
asc. node	-4797 Aug 16 j 07:50	0°♒26'32		morning rise	-4796 Jul 27 j 15:11	15°♑08'31	
direct	-4797 Aug 16 j 15:38	0°♒25'57		direct	-4796 Jul 30 j 10:41	14°♑26'28	
morning max el	-4797 Aug 23 j 09:59	4°♒12'25	18°42'53	asc. node	-4796 Aug 02 j 04:57	15°♑06'35	
	-4797 Sep 10 j 03:02	0°♓		morning max el	-4796 Aug 05 j 23:21	17°♑57'30	18°11'16
morning set	-4797 Sep 13 j 04:38	4°♓55'27			-4796 Aug 14 j 18:46	0°♒	
desc. node	-4797 Sep 28 j 08:25	29°♓00'26		morning set	-4796 Aug 24 j 06:22	15°♒42'59	
					-4796 Sep 01 j 21:19	0°♓	
superior conj	-4797 Sep 28 j 23:33	0°♓00'04	-0°04'00				
minimum elong	-4797 Sep 28 j 23:03	29°♓58'04	0°03'48	superior conj	-4796 Sep 07 j 04:11	8°♓33'04	0°43'32
behind sun begin	-4797 Sep 28 j 11:52	29°♓14'01		minimum elong	-4796 Sep 07 j 09:04	8°♓52'39	0°43'07
behind sun end	-4797 Sep 29 j 10:14	0°♓42'08		max. Earth dist.	-4796 Sep 11 j 00:43	14°♓41'51	1.44494 AU
	-4797 Sep 28 j 23:32	0°♔		desc. node	-4796 Sep 14 j 05:21	19°♓44'24	
max. Earth dist.	-4797 Sep 29 j 07:21	0°♔30'50	1.44797 AU		-4796 Sep 20 j 18:44	0°♔	































































































































































Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening rise	-4796 Sep 23 j 18:35	4° \mathbb{M} 39'17		minimum elong	-4795 Aug 18 j 13:09	18° \mathfrak{G} 38'01	1°19'29
greatest brilliancy	-4796 Oct 06 j 13:03	24° \mathbb{M} 15'19	-0.7m	max. Earth dist.	-4795 Aug 24 j 15:38	28° \mathfrak{G} 38'26	1.43516 AU
	-4796 Oct 10 j 10:34	0° $\underline{\mathfrak{A}}$			-4795 Aug 25 j 11:54	0° Ω	
evening max el	-4796 Oct 19 j 02:14	11° $\underline{\mathfrak{A}}$ 05'41	19°50'19	desc. node	-4795 Sep 01 j 02:18	10° Ω 26'57	
retrograde	-4796 Oct 26 j 13:58	15° $\underline{\mathfrak{A}}$ 27'39		evening rise	-4795 Sep 02 j 22:36	13° Ω 19'16	
asc. node	-4796 Oct 29 j 03:46	14° $\underline{\mathfrak{A}}$ 49'05			-4795 Sep 13 j 21:50	0° \mathbb{M}	
evening set	-4796 Oct 30 j 02:05	14° $\underline{\mathfrak{A}}$ 16'00		evening max el	-4795 Oct 02 j 03:22	24° \mathbb{M} 32'04	20°54'29
inferior conj	-4796 Nov 04 j 15:03	8° $\underline{\mathfrak{A}}$ 16'06	2°05'08	retrograde	-4795 Oct 10 j 10:56	29° \mathbb{M} 26'50	
minimum elong	-4796 Nov 04 j 12:25	8° $\underline{\mathfrak{A}}$ 24'43	2°04'09	evening set	-4795 Oct 14 j 09:32	27° \mathbb{M} 58'25	
min. Earth dist.	-4796 Nov 05 j 14:47	6° $\underline{\mathfrak{A}}$ 58'00	0.66402 AU	asc. node	-4795 Oct 16 j 00:56	26° \mathbb{M} 29'50	
morning rise	-4796 Nov 09 j 22:31	2° $\underline{\mathfrak{A}}$ 02'15		inferior conj	-4795 Oct 19 j 18:57	21° \mathbb{M} 49'06	1°15'21
	-4796 Nov 13 j 01:42	30° \mathfrak{R} \mathbb{M}		minimum elong	-4795 Oct 19 j 17:16	21° \mathbb{M} 54'51	1°14'43
direct	-4796 Nov 15 j 21:03	29° \mathbb{M} 26'28		min. Earth dist.	-4795 Oct 20 j 07:15	21° \mathbb{M} 07'12	0.67031 AU
	-4796 Nov 18 j 20:53	0° $\underline{\mathfrak{A}}$		morning rise	-4795 Oct 25 j 00:49	15° \mathbb{M} 33'20	
morning max el	-4796 Nov 27 j 21:42	6° $\underline{\mathfrak{A}}$ 33'51	25°27'31	direct	-4795 Oct 30 j 08:12	13° \mathbb{M} 16'25	
desc. node	-4796 Dec 11 j 05:27	22° $\underline{\mathfrak{A}}$ 52'52		morning max el	-4795 Nov 10 j 06:26	19° \mathbb{M} 47'39	24°04'47
	-4796 Dec 16 j 04:17	0° \mathbb{M}			-4795 Nov 18 j 23:06	0° $\underline{\mathfrak{A}}$	
morning set	-4795 Jan 03 j 03:22	29° \mathbb{M} 31'06		desc. node	-4795 Nov 28 j 02:23	12° $\underline{\mathfrak{A}}$ 39'20	
	-4795 Jan 03 j 09:45	0° \mathfrak{A}			-4795 Dec 09 j 08:52	0° \mathbb{M}	
max. Earth dist.	-4795 Jan 06 j 22:16	6° \mathfrak{A} 31'04	1.36460 AU	morning set	-4795 Dec 15 j 21:16	10° \mathbb{M} 52'20	
				max. Earth dist.	-4795 Dec 19 j 19:04	17° \mathbb{M} 43'15	1.38409 AU
superior conj	-4795 Jan 12 j 18:21	17° \mathfrak{A} 50'34	-1°39'45		-4795 Dec 26 j 11:09	0° \mathfrak{A}	
minimum elong	-4795 Jan 12 j 21:08	18° \mathfrak{A} 04'24	1°39'44				
	-4795 Jan 18 j 18:38	0° \mathfrak{B}		superior conj	-4795 Dec 26 j 22:52	0° \mathfrak{A} 55'34	-1°50'45
evening rise	-4795 Jan 20 j 20:16	4° \mathfrak{B} 12'06		minimum elong	-4795 Dec 27 j 00:22	1° \mathfrak{A} 02'46	1°50'54
asc. node	-4795 Jan 25 j 02:38	12° \mathfrak{B} 38'18		evening rise	-4794 Jan 04 j 18:33	18° \mathfrak{A} 06'57	
	-4795 Feb 05 j 00:08	0° \approx			-4794 Jan 11 j 00:19	0° \mathfrak{B}	
evening max el	-4795 Feb 07 j 11:45	2° \approx 38'33	19°48'19	asc. node	-4794 Jan 11 j 23:41	1° \mathfrak{B} 44'03	
retrograde	-4795 Feb 17 j 06:31	7° \approx 16'17		evening max el	-4794 Jan 21 j 08:41	14° \mathfrak{B} 51'41	18°54'52
evening set	-4795 Feb 19 j 14:54	7° \approx 01'30		retrograde	-4794 Jan 29 j 16:30	18° \mathfrak{B} 51'38	
inferior conj	-4795 Feb 28 j 04:39	2° \approx 59'19	2°19'59	evening set	-4794 Feb 01 j 03:14	18° \mathfrak{B} 32'21	
minimum elong	-4795 Feb 28 j 09:38	2° \approx 51'33	2°18'22	inferior conj	-4794 Feb 09 j 00:01	14° \mathfrak{B} 14'01	3°29'09
min. Earth dist.	-4795 Mar 02 j 13:31	1° \approx 30'55	0.56031 AU	minimum elong	-4794 Feb 09 j 04:17	14° \mathfrak{B} 06'20	3°28'07
	-4795 Mar 05 j 05:05	30° \mathfrak{R} \mathfrak{B}		min. Earth dist.	-4794 Feb 12 j 04:54	11° \mathfrak{B} 56'49	0.57535 AU
morning rise	-4795 Mar 09 j 01:59	28° \mathfrak{B} 21'55		morning rise	-4794 Feb 17 j 02:52	9° \mathfrak{B} 08'02	
desc. node	-4795 Mar 09 j 04:43	28° \mathfrak{B} 19'51		direct	-4794 Feb 22 j 13:35	7° \mathfrak{B} 57'03	
direct	-4795 Mar 13 j 06:24	27° \mathfrak{B} 42'52		desc. node	-4794 Feb 24 j 01:51	8° \mathfrak{B} 02'33	
	-4795 Mar 21 j 01:48	0° \approx		morning max el	-4794 Mar 08 j 18:47	15° \mathfrak{B} 18'44	25°45'07
morning max el	-4795 Mar 27 j 03:46	4° \approx 40'58	24°12'32		-4794 Mar 20 j 13:49	0° \approx	
	-4795 Apr 13 j 23:40	0° \mathfrak{H}		morning set	-4794 Apr 05 j 11:21	28° \approx 54'12	
morning set	-4795 Apr 20 j 23:20	13° \mathfrak{H} 51'51			-4794 Apr 05 j 23:51	0° \mathfrak{H}	
asc. node	-4795 Apr 23 j 02:19	18° \mathfrak{H} 22'07		asc. node	-4794 Apr 09 j 23:15	8° \mathfrak{H} 32'30	
superior conj	-4795 Apr 28 j 00:41	29° \mathfrak{H} 00'37	0°49'01	superior conj	-4794 Apr 12 j 11:23	14° \mathfrak{H} 00'30	0°25'45
minimum elong	-4795 Apr 27 j 22:40	28° \mathfrak{H} 49'48	0°48'38	minimum elong	-4794 Apr 12 j 10:17	13° \mathfrak{H} 54'26	0°25'26
	-4795 Apr 28 j 11:42	0° \mathfrak{Y}		max. Earth dist.	-4794 Apr 13 j 04:54	15° \mathfrak{H} 35'56	1.32821 AU
max. Earth dist.	-4795 Apr 29 j 17:51	2° \mathfrak{Y} 41'49	1.33366 AU	evening rise	-4794 Apr 19 j 14:28	29° \mathfrak{H} 14'24	
evening rise	-4795 May 05 j 10:22	14° \mathfrak{Y} 33'22			-4794 Apr 19 j 23:19	0° \mathfrak{Y}	
	-4795 May 13 j 12:59	0° \mathfrak{B}			-4794 May 06 j 18:12	0° \mathfrak{B}	
	-4795 Jun 02 j 17:30	0° \mathbb{I}		evening max el	-4794 May 20 j 17:53	17° \mathfrak{B} 29'05	27°05'02
desc. node	-4795 Jun 05 j 03:10	2° \mathbb{I} 40'27		desc. node	-4794 May 23 j 00:20	19° \mathfrak{B} 31'34	
evening max el	-4795 Jun 07 j 11:51	5° \mathbb{I} 03'58	27°25'19	retrograde	-4794 Jun 03 j 17:05	24° \mathfrak{B} 51'28	
retrograde	-4795 Jun 21 j 05:57	12° \mathbb{I} 28'53		evening set	-4794 Jun 10 j 14:11	22° \mathfrak{B} 41'59	
evening set	-4795 Jun 28 j 09:12	9° \mathbb{I} 53'37		min. Earth dist.	-4794 Jun 14 j 07:19	19° \mathfrak{B} 55'58	0.61272 AU
min. Earth dist.	-4795 Jul 01 j 23:24	6° \mathbb{I} 48'07	0.63161 AU	inferior conj	-4794 Jun 17 j 12:36	17° \mathfrak{B} 05'12	-4°12'13
inferior conj	-4795 Jul 04 j 17:22	4° \mathbb{I} 02'31	-3°54'05	minimum elong	-4794 Jun 17 j 13:47	17° \mathfrak{B} 02'35	4°11'59
minimum elong	-4795 Jul 04 j 20:22	3° \mathbb{I} 54'56	3°53'25	morning rise	-4794 Jun 24 j 14:59	12° \mathfrak{B} 12'52	
	-4795 Jul 09 j 06:16	30° \mathfrak{R} \mathfrak{B}		direct	-4794 Jun 27 j 04:32	11° \mathfrak{B} 45'36	
morning rise	-4795 Jul 11 j 08:31	28° \mathfrak{B} 49'29		morning max el	-4794 Jul 04 j 03:30	15° \mathfrak{B} 12'23	18°02'28
direct	-4795 Jul 14 j 00:15	28° \mathfrak{B} 15'43		asc. node	-4794 Jul 06 j 23:03	18° \mathfrak{B} 23'07	
	-4795 Jul 18 j 15:52	0° \mathbb{I}			-4794 Jul 14 j 09:44	0° \mathbb{I}	
asc. node	-4795 Jul 20 j 02:02	1° \mathbb{I} 10'53		morning set	-4794 Jul 20 j 05:27	10° \mathbb{I} 32'43	
morning max el	-4795 Jul 20 j 14:06	1° \mathbb{I} 39'47	17°57'31				
morning set	-4795 Aug 06 j 08:30	27° \mathbb{I} 40'37		superior conj	-4794 Jul 30 j 14:15	29° \mathbb{I} 17'16	1°41'12
	-4795 Aug 07 j 16:15	0° \mathfrak{G}		minimum elong	-4794 Jul 30 j 17:40	29° \mathbb{I} 32'14	1°41'14
					-4794 Jul 31 j 00:01	0° \mathfrak{G}	
superior conj	-4795 Aug 18 j 07:24	18° \mathfrak{G} 14'05	1°19'47	max. Earth dist.	-4794 Aug 07 j 01:34	12° \mathfrak{G} 02'50	1.41989 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening rise	-4794 Aug 13 j 08:40	22° \mathbb{D} 17'23		-4793 Jul 06 j 18:00	0° \mathbb{I}	
	-4794 Aug 18 j 06:36	0° \mathbb{Q}				
desc. node	-4794 Aug 18 j 23:17	1° \mathbb{Q} 04'17		superior conj	-4793 Jul 12 j 21:05	11° \mathbb{I} 33'05 1°49'11
	-4794 Sep 08 j 02:54	0° \mathbb{P}		minimum elong	-4793 Jul 12 j 21:42	11° \mathbb{I} 35'56 1°49'24
evening max el	-4794 Sep 14 j 22:08	7° \mathbb{P} 56'50 22°09'15		max. Earth dist.	-4793 Jul 20 j 05:26	24° \mathbb{I} 42'29 1.40127 AU
retrograde	-4794 Sep 24 j 06:24	13° \mathbb{P} 29'45			-4793 Jul 23 j 07:44	0° \mathbb{D}
evening set	-4794 Sep 28 j 17:33	11° \mathbb{P} 42'18		evening rise	-4793 Jul 24 j 16:59	2° \mathbb{D} 19'19
asc. node	-4794 Oct 02 j 22:05	6° \mathbb{P} 59'13		desc. node	-4793 Aug 05 j 20:16	21° \mathbb{D} 32'30
inferior conj	-4794 Oct 04 j 01:01	5° \mathbb{P} 26'51 0°22'57			-4793 Aug 11 j 14:28	0° \mathbb{Q}
minimum elong	-4794 Oct 04 j 00:29	5° \mathbb{P} 28'41 0°22'51		evening max el	-4793 Aug 28 j 11:37	21° \mathbb{Q} 21'41 23°29'42
min. Earth dist.	-4794 Oct 04 j 02:47	5° \mathbb{P} 20'43 0.67349 AU		retrograde	-4793 Sep 07 j 23:04	27° \mathbb{Q} 33'39
	-4794 Oct 08 j 10:12	30° \mathbb{R} \mathbb{Q}		evening set	-4793 Sep 13 j 00:23	25° \mathbb{Q} 26'19
morning rise	-4794 Oct 09 j 07:18	29° \mathbb{Q} 11'59		inferior conj	-4793 Sep 18 j 07:31	19° \mathbb{Q} 08'04 -0°30'20
direct	-4794 Oct 13 j 23:42	27° \mathbb{Q} 16'22		minimum elong	-4793 Sep 18 j 08:13	19° \mathbb{Q} 05'40 0°29'51
	-4794 Oct 20 j 07:43	0° \mathbb{P}		min. Earth dist.	-4793 Sep 17 j 23:04	19° \mathbb{Q} 37'01 0.67365 AU
morning max el	-4794 Oct 23 j 17:27	3° \mathbb{P} 04'49 22°38'40		asc. node	-4793 Sep 19 j 19:12	17° \mathbb{Q} 07'34
	-4794 Nov 13 j 02:35	0° \mathbb{D}		morning rise	-4793 Sep 23 j 16:00	12° \mathbb{Q} 57'00
desc. node	-4794 Nov 14 j 23:18	2° \mathbb{D} 47'30		direct	-4793 Sep 27 j 18:44	11° \mathbb{Q} 22'15
morning set	-4794 Nov 26 j 11:39	20° \mathbb{D} 51'37		morning max el	-4793 Oct 06 j 09:44	16° \mathbb{Q} 28'09 21°17'09
max. Earth dist.	-4794 Dec 01 j 16:29	29° \mathbb{D} 31'40 1.40468 AU			-4793 Oct 17 j 04:38	0° \mathbb{P}
	-4794 Dec 01 j 23:09	0° \mathbb{M}		desc. node	-4793 Nov 01 j 20:11	23° \mathbb{P} 10'57
				morning set	-4793 Nov 05 j 23:08	29° \mathbb{P} 35'57
superior conj	-4794 Dec 09 j 10:32	13° \mathbb{M} 07'19 -1°52'32			-4793 Nov 06 j 05:15	0° \mathbb{D}
minimum elong	-4794 Dec 09 j 09:27	13° \mathbb{M} 02'26 1°52'41		max. Earth dist.	-4793 Nov 13 j 19:40	12° \mathbb{D} 11'35 1.42354 AU
	-4794 Dec 18 j 12:28	0° \mathbb{X}				
evening rise	-4794 Dec 19 j 07:28	1° \mathbb{X} 29'47		superior conj	-4793 Nov 20 j 23:40	24° \mathbb{D} 11'30 -1°41'31
asc. node	-4794 Dec 29 j 20:46	20° \mathbb{X} 16'21		minimum elong	-4793 Nov 20 j 19:05	23° \mathbb{D} 51'55 1°41'18
evening max el	-4793 Jan 04 j 13:35	27° \mathbb{X} 33'39 18°21'34			-4793 Nov 24 j 08:13	0° \mathbb{M}
	-4793 Jan 07 j 17:03	0° \mathbb{Z}		evening rise	-4793 Dec 02 j 07:23	14° \mathbb{M} 12'20
retrograde	-4793 Jan 11 j 21:14	1° \mathbb{Z} 11'16			-4793 Dec 11 j 06:29	0° \mathbb{X}
evening set	-4793 Jan 14 j 10:32	0° \mathbb{Z} 45'57		asc. node	-4793 Dec 16 j 17:52	8° \mathbb{X} 04'25
	-4793 Jan 16 j 05:49	30° \mathbb{R} \mathbb{X}		evening max el	-4793 Dec 18 j 23:45	10° \mathbb{X} 36'11 18°08'12
inferior conj	-4793 Jan 21 j 15:50	26° \mathbb{X} 06'43 4°01'04		retrograde	-4793 Dec 25 j 17:44	14° \mathbb{X} 05'06
minimum elong	-4793 Jan 21 j 17:17	26° \mathbb{X} 03'41 4°00'44		evening set	-4793 Dec 28 j 09:39	13° \mathbb{X} 32'44
min. Earth dist.	-4793 Jan 25 j 00:11	23° \mathbb{X} 19'46 0.59435 AU		inferior conj	-4792 Jan 04 j 02:06	8° \mathbb{X} 32'08 4°03'27
morning rise	-4793 Jan 28 j 22:08	20° \mathbb{X} 37'53		minimum elong	-4792 Jan 04 j 00:56	8° \mathbb{X} 34'56 4°03'10
direct	-4793 Feb 04 j 08:56	18° \mathbb{X} 47'49		min. Earth dist.	-4792 Jan 07 j 02:41	5° \mathbb{X} 38'39 0.61418 AU
desc. node	-4793 Feb 10 j 22:56	20° \mathbb{X} 34'41		morning rise	-4792 Jan 10 j 15:00	2° \mathbb{X} 47'11
morning max el	-4793 Feb 18 j 14:10	26° \mathbb{X} 22'08 26°56'29		direct	-4792 Jan 17 j 14:41	0° \mathbb{X} 22'43
	-4793 Feb 22 j 00:55	0° \mathbb{Z}		desc. node	-4792 Jan 28 j 19:59	5° \mathbb{X} 30'06
	-4793 Mar 13 j 21:25	0° \mathbb{A}		morning max el	-4792 Jan 31 j 15:49	8° \mathbb{X} 03'59 27°35'37
morning set	-4793 Mar 20 j 21:34	13° \mathbb{A} 51'02			-4792 Feb 17 j 11:36	0° \mathbb{Z}
				morning set	-4792 Mar 04 j 03:59	28° \mathbb{Z} 33'52
superior conj	-4793 Mar 27 j 23:08	29° \mathbb{A} 02'47 0°01'17			-4792 Mar 04 j 20:43	0° \mathbb{A}
minimum elong	-4793 Mar 27 j 23:05	29° \mathbb{A} 02'32 0°01'08		max. Earth dist.	-4792 Mar 10 j 06:39	11° \mathbb{A} 30'26 1.32729 AU
behind sun begin	-4793 Mar 27 j 18:06	28° \mathbb{A} 35'15				
behind sun end	-4793 Mar 28 j 04:04	29° \mathbb{A} 29'49		superior conj	-4792 Mar 11 j 10:14	14° \mathbb{A} 00'20 -0°23'35
asc. node	-4793 Mar 27 j 20:11	28° \mathbb{A} 46'35		minimum elong	-4792 Mar 11 j 11:17	14° \mathbb{A} 06'03 0°23'34
max. Earth dist.	-4793 Mar 27 j 18:29	28° \mathbb{A} 37'18 1.32606 AU		asc. node	-4792 Mar 13 j 17:09	18° \mathbb{A} 59'34
	-4793 Mar 28 j 09:35	0° \mathbb{H}		evening rise	-4792 Mar 18 j 09:59	29° \mathbb{A} 06'00
evening rise	-4793 Apr 03 j 23:02	14° \mathbb{H} 08'09			-4792 Mar 18 j 20:17	0° \mathbb{H}
	-4793 Apr 12 j 00:54	0° \mathbb{Y}			-4792 Apr 04 j 19:09	0° \mathbb{Y}
evening max el	-4793 May 02 j 17:50	29° \mathbb{Y} 12'39 26°12'36		evening max el	-4792 Apr 13 j 12:01	10° \mathbb{Y} 17'53 24°54'19
	-4793 May 03 j 14:05	0° \mathbb{B}		desc. node	-4792 Apr 25 j 18:38	17° \mathbb{Y} 17'33
desc. node	-4793 May 09 j 21:29	4° \mathbb{B} 36'21		retrograde	-4792 Apr 27 j 12:34	17° \mathbb{Y} 24'41
retrograde	-4793 May 16 j 19:58	6° \mathbb{B} 30'46		evening set	-4792 May 02 j 10:46	16° \mathbb{Y} 28'59
evening set	-4793 May 22 j 23:02	4° \mathbb{B} 57'29		min. Earth dist.	-4792 May 08 j 00:20	13° \mathbb{Y} 33'04 0.57326 AU
min. Earth dist.	-4793 May 27 j 06:36	2° \mathbb{B} 14'30 0.59237 AU		inferior conj	-4792 May 10 j 23:26	11° \mathbb{Y} 34'40 -3°32'45
	-4793 May 30 j 04:50	30° \mathbb{R} \mathbb{Y}		minimum elong	-4792 May 10 j 18:29	11° \mathbb{Y} 42'58 3°31'47
inferior conj	-4793 May 30 j 15:41	29° \mathbb{Y} 38'59 -4°08'21		morning rise	-4792 May 19 j 05:22	7° \mathbb{Y} 23'39
minimum elong	-4793 May 30 j 13:48	29° \mathbb{Y} 42'36 4°08'06		direct	-4792 May 21 j 16:11	7° \mathbb{Y} 06'15
morning rise	-4793 Jun 07 j 07:06	25° \mathbb{Y} 08'30		morning max el	-4792 May 30 j 15:04	11° \mathbb{Y} 16'57 19°11'31
direct	-4793 Jun 09 j 19:13	24° \mathbb{Y} 46'40		asc. node	-4792 Jun 09 j 17:00	25° \mathbb{Y} 15'23
morning max el	-4793 Jun 17 j 12:47	28° \mathbb{Y} 28'05 18°26'55			-4792 Jun 12 j 07:26	0° \mathbb{B}
	-4793 Jun 19 j 00:28	0° \mathbb{B}		morning set	-4792 Jun 16 j 13:21	8° \mathbb{B} 13'47
asc. node	-4793 Jun 23 j 20:02	6° \mathbb{B} 28'56				
morning set	-4793 Jul 03 j 16:22	24° \mathbb{B} 07'08		superior conj	-4792 Jun 24 j 22:03	24° \mathbb{B} 44'56 1°46'45

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4792 Jun 24 j 20:38	24°  38'05	1°46'53	minimum elong	-4791 Jun 08 j 09:39	8°  25'58	1°36'34
	-4792 Jun 27 j 15:53	0°  II		max. Earth dist.	-4791 Jun 13 j 11:37	18°  28'08	1.36415 AU
max. Earth dist.	-4792 Jul 01 j 06:33	6°  II42'34	1.38189 AU	evening rise	-4791 Jun 17 j 13:29	26°  08'52	
evening rise	-4792 Jul 05 j 03:47	13°  II39'20			-4791 Jun 19 j 16:24	0°  II	
	-4792 Jul 14 j 23:21	0°  ☿			-4791 Jul 08 j 09:57	0°  ☿	
desc. node	-4792 Jul 22 j 17:18	11°  ☿46'31		desc. node	-4791 Jul 09 j 14:22	1°  ☿39'35	
	-4792 Aug 05 j 11:19	0°  ♊		evening max el	-4791 Jul 23 j 09:12	18°  ☿20'01	25°59'52
evening max el	-4792 Aug 09 j 22:29	4°  ♊49'36	24°49'16	retrograde	-4791 Aug 04 j 20:11	25°  ☿28'08	
retrograde	-4792 Aug 21 j 11:57	11°  ♊34'54		evening set	-4791 Aug 11 j 03:02	22°  ☿47'24	
evening set	-4792 Aug 27 j 04:13	9°  ♊08'52		min. Earth dist.	-4791 Aug 15 j 08:04	18°  ☿11'06	0.66461 AU
min. Earth dist.	-4792 Aug 31 j 17:40	3°  ♊54'48	0.67075 AU	inferior conj	-4791 Aug 16 j 14:54	16°  ☿33'40	-2°12'52
inferior conj	-4792 Sep 01 j 12:45	2°  ♊51'16	-1°22'50	minimum elong	-4791 Aug 16 j 17:48	16°  ☿24'29	2°11'35
minimum elong	-4792 Sep 01 j 14:39	2°  ♊44'58	1°21'51	morning rise	-4791 Aug 22 j 08:42	10°  ☿39'50	
	-4792 Sep 03 j 18:04	30°  ♊  ☿		asc. node	-4791 Aug 23 j 13:27	10°  ☿03'16	
asc. node	-4792 Sep 05 j 16:20	27°  ☿54'44		direct	-4791 Aug 25 j 14:29	9°  ☿39'11	
morning rise	-4792 Sep 07 j 01:05	26°  ☿47'09		morning max el	-4791 Sep 01 j 15:02	13°  ☿38'29	19°08'40
direct	-4792 Sep 10 j 16:13	25°  ☿30'56			-4791 Sep 13 j 15:22	0°  ♊	
	-4792 Sep 18 j 09:06	0°  ♊		morning set	-4791 Sep 24 j 06:46	16°  ♊38'31	
morning max el	-4792 Sep 18 j 08:59	29°  ☿59'41	20°05'58		-4791 Oct 02 j 18:35	0°  ♊	
	-4792 Oct 09 j 19:55	0°  ♊		desc. node	-4791 Oct 05 j 13:59	4°  ♊25'14	
morning set	-4792 Oct 14 j 21:49	7°  ♊49'50		max. Earth dist.	-4791 Oct 08 j 21:44	9°  ♊39'37	1.44643 AU
desc. node	-4792 Oct 18 j 17:05	13°  ♊45'00					
max. Earth dist.	-4792 Oct 26 j 05:56	25°  ♊39'18	1.43808 AU	superior conj	-4791 Oct 10 j 18:34	12°  ♊36'53	-0°32'21
	-4792 Oct 28 j 22:51	0°  ♊		minimum elong	-4791 Oct 10 j 14:30	12°  ♊20'48	0°31'44
					-4791 Oct 21 j 15:16	0°  ♊	
superior conj	-4792 Oct 31 j 09:41	3°  ♊58'45	-1°14'36	evening rise	-4791 Oct 25 j 22:15	6°  ♊59'14	
minimum elong	-4792 Oct 31 j 02:59	3°  ♊31'24	1°13'53		-4791 Nov 09 j 07:39	0°  ♊	
evening rise	-4792 Nov 13 j 13:57	26°  ♊05'42		evening max el	-4791 Nov 15 j 00:43	7°  ♊16'12	18°38'17
	-4792 Nov 15 j 20:26	0°  ♊		asc. node	-4791 Nov 19 j 12:11	10°  ♊33'47	
evening max el	-4792 Dec 01 j 12:24	23°  ♊52'39	18°14'06	retrograde	-4791 Nov 21 j 17:15	11°  ♊00'33	
asc. node	-4792 Dec 02 j 15:01	24°  ♊55'30		evening set	-4791 Nov 24 j 17:37	10°  ♊09'33	
retrograde	-4792 Dec 08 j 01:44	27°  ♊24'19		inferior conj	-4791 Nov 30 j 15:34	4°  ♊31'04	3°13'07
evening set	-4792 Dec 10 j 21:09	26°  ♊43'32		minimum elong	-4791 Nov 30 j 12:19	4°  ♊40'42	3°12'11
inferior conj	-4792 Dec 17 j 03:16	21°  ♊22'52	3°45'13	min. Earth dist.	-4791 Dec 02 j 12:06	2°  ♊18'58	0.64745 AU
minimum elong	-4792 Dec 17 j 00:32	21°  ♊30'14	3°44'36		-4791 Dec 04 j 14:31	30°  ♊  ♊	
min. Earth dist.	-4792 Dec 19 j 14:28	18°  ♊43'21	0.63237 AU	morning rise	-4791 Dec 06 j 06:38	28°  ♊26'03	
morning rise	-4792 Dec 23 j 03:13	15°  ♊26'27		direct	-4791 Dec 13 j 01:25	25°  ♊35'13	
direct	-4792 Dec 30 j 04:44	12°  ♊41'05			-4791 Dec 22 j 18:47	0°  ♊	
morning max el	-4791 Jan 12 j 22:31	20°  ♊23'59	27°38'36	morning max el	-4791 Dec 26 j 07:46	3°  ♊12'34	27°07'54
desc. node	-4791 Jan 14 j 17:02	22°  ♊12'49		desc. node	-4790 Jan 01 j 14:03	10°  ♊11'31	
	-4791 Jan 21 j 06:45	0°  ♊  ♊			-4790 Jan 15 j 14:46	0°  ♊  ♊	
	-4791 Feb 09 j 10:28	0°  ♊		morning set	-4790 Jan 30 j 19:28	26°  ♊  ♊43'00	
morning set	-4791 Feb 16 j 04:18	12°  ♊54'35			-4790 Feb 01 j 11:41	0°  ♊	
max. Earth dist.	-4791 Feb 21 j 13:33	24°  ♊01'55	1.33227 AU	max. Earth dist.	-4790 Feb 04 j 11:36	6°  ♊01'38	1.34138 AU
superior conj	-4791 Feb 23 j 19:00	28°  ♊47'10	-0°47'55	superior conj	-4790 Feb 07 j 23:29	13°  ♊16'31	-1°10'40
minimum elong	-4791 Feb 23 j 21:03	28°  ♊58'13	0°47'45	minimum elong	-4790 Feb 08 j 02:16	13°  ♊31'10	1°10'28
	-4791 Feb 24 j 08:33	0°  ♊  ♊		evening rise	-4790 Feb 15 j 08:03	28°  ♊48'39	
asc. node	-4791 Feb 28 j 14:09	9°  ♊  ♊07'12		asc. node	-4790 Feb 15 j 11:12	29°  ♊05'03	
evening rise	-4791 Mar 02 j 21:35	14°  ♊  ♊01'35			-4790 Feb 15 j 21:47	0°  ♊  ♊	
	-4791 Mar 11 j 00:40	0°  ♊  ♊			-4790 Mar 06 j 03:20	0°  ♊  ♊	
evening max el	-4791 Mar 26 j 04:16	21°  ♊  ♊03'17	23°21'58	evening max el	-4790 Mar 08 j 00:21	1°  ♊  ♊54'34	21°49'22
retrograde	-4791 Apr 08 j 16:20	27°  ♊  ♊43'30		retrograde	-4790 Mar 20 j 08:42	7°  ♊  ♊51'33	
evening set	-4791 Apr 12 j 07:15	27°  ♊  ♊14'46		evening set	-4790 Mar 23 j 01:45	7°  ♊  ♊35'10	
desc. node	-4791 Apr 12 j 15:49	27°  ♊  ♊08'57		desc. node	-4790 Mar 30 j 12:59	4°  ♊  ♊33'49	
min. Earth dist.	-4791 Apr 19 j 15:30	23°  ♊  ♊54'25	0.55888 AU	inferior conj	-4790 Apr 01 j 09:39	3°  ♊  ♊31'35	-0°30'43
inferior conj	-4791 Apr 21 j 11:32	22°  ♊  ♊49'10	-2°18'11	minimum elong	-4790 Apr 01 j 08:13	3°  ♊  ♊33'35	0°30'20
minimum elong	-4791 Apr 21 j 06:13	22°  ♊  ♊57'05	2°16'41	min. Earth dist.	-4790 Apr 01 j 05:38	3°  ♊  ♊37'13	0.55221 AU
morning rise	-4791 Apr 30 j 07:45	18°  ♊  ♊49'57			-4790 Apr 08 j 18:18	30°  ♊  ♊  ♊	
direct	-4791 May 02 j 18:49	18°  ♊  ♊35'00		morning rise	-4790 Apr 10 j 15:23	29°  ♊  ♊30'29	
morning max el	-4791 May 13 j 07:42	23°  ♊  ♊29'32	20°16'20	direct	-4790 Apr 13 j 09:06	29°  ♊  ♊13'47	
	-4791 May 18 j 21:51	0°  ♊  ♊			-4790 Apr 17 j 19:44	0°  ♊  ♊	
asc. node	-4791 May 27 j 13:59	14°  ♊  ♊32'41		morning max el	-4790 Apr 25 j 13:24	5°  ♊  ♊00'43	21°39'36
morning set	-4791 May 31 j 17:25	22° ♊ ♊44'59			-4790 May 12 j 08:10	0° ♊ ♊	
	-4791 Jun 04 j 06:27	0° ♊ ♊		asc. node	-4790 May 14 j 10:58	4° ♊ ♊13'06	
				morning set	-4790 May 16 j 02:13	7° ♊ ♊34'07	
superior conj	-4791 Jun 08 j 12:07	8° ♊ ♊38'27	1°36'38				

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4790 May 23 j 11:28	23° Υ 02'33	1°21'02	superior conj	-4789 May 07 j 16:59	7° Υ 46'44	1°01'32
minimum elong	-4790 May 23 j 08:44	22° Υ 48'20	1°20'45	minimum elong	-4789 May 07 j 14:35	7° Υ 33'58	1°01'09
	-4790 May 26 j 20:37	0° B		max. Earth dist.	-4789 May 10 j 01:31	12° Υ 46'28	1.33836 AU
max. Earth dist.	-4790 May 27 j 01:41	0° B 25'37	1.34946 AU	evening rise	-4789 May 15 j 08:21	23° Υ 36'03	
evening rise	-4790 May 31 j 16:40	9° B 32'58			-4789 May 18 j 15:23	0° B	
	-4790 Jun 12 j 04:31	0° II			-4789 Jun 05 j 19:28	0° II	
desc. node	-4790 Jun 26 j 11:28	21° II 02'53		desc. node	-4789 Jun 13 j 08:36	9° II 42'48	
	-4790 Jul 04 j 01:57	0° E		evening max el	-4789 Jun 18 j 07:24	14° II 59'43	27°21'59
evening max el	-4790 Jul 05 j 20:34	1° E 47'22	26°53'11	retrograde	-4789 Jul 01 j 20:55	22° II 24'51	
retrograde	-4790 Jul 18 j 23:17	9° E 07'45		evening set	-4789 Jul 08 j 23:29	19° II 40'36	
evening set	-4790 Jul 25 j 18:27	6° E 19'40		min. Earth dist.	-4789 Jul 12 j 15:07	16° II 18'33	0.64121 AU
min. Earth dist.	-4790 Jul 29 j 15:54	2° E 22'01	0.65487 AU	inferior conj	-4789 Jul 15 j 01:19	13° II 42'59	-3°36'45
inferior conj	-4790 Jul 31 j 11:55	0° E 12'43	-2°58'23	minimum elong	-4789 Jul 15 j 04:48	13° II 33'38	3°35'48
minimum elong	-4790 Jul 31 j 15:27	0° E 02'20	2°57'07	morning rise	-4789 Jul 21 j 10:50	8° II 19'29	
	-4790 Jul 31 j 16:14	30° R II		direct	-4789 Jul 24 j 04:32	7° II 41'12	
morning rise	-4790 Aug 06 j 12:46	24° II 32'29		asc. node	-4789 Jul 28 j 07:36	9° II 07'17	
direct	-4790 Aug 09 j 11:29	23° II 44'23		morning max el	-4789 Jul 30 j 16:44	11° II 07'51	18°03'13
asc. node	-4790 Aug 10 j 10:33	23° II 49'28			-4789 Aug 12 j 12:58	0° E	
morning max el	-4790 Aug 16 j 02:25	27° II 22'54	18°27'20	morning set	-4789 Aug 17 j 05:31	8° E 00'34	
	-4790 Aug 18 j 10:00	0° E					
morning set	-4790 Sep 04 j 16:51	26° E 41'41		superior conj	-4789 Aug 30 j 06:39	29° E 49'56	1°00'41
	-4790 Sep 06 j 17:32	0° Ω		minimum elong	-4789 Aug 30 j 12:28	0° Ω 13'37	1°00'15
					-4789 Aug 30 j 09:07	0° Ω	
superior conj	-4790 Sep 19 j 17:57	20° Ω 52'17	0°17'01	max. Earth dist.	-4789 Sep 04 j 08:54	8° Ω 02'09	1.44154 AU
minimum elong	-4790 Sep 19 j 20:08	21° Ω 00'56	0°16'54	desc. node	-4789 Sep 09 j 07:51	15° Ω 52'32	
max. Earth dist.	-4790 Sep 21 j 16:02	23° Ω 54'19	1.44760 AU	evening rise	-4789 Sep 15 j 15:12	25° Ω 41'50	
desc. node	-4790 Sep 22 j 10:55	25° Ω 08'49			-4789 Sep 18 j 10:11	0° H	
	-4790 Sep 25 j 12:53	0° H			-4789 Oct 09 j 00:07	0° E	
evening rise	-4790 Oct 06 j 05:24	16° H 47'55		evening max el	-4789 Oct 12 j 14:36	4° E 08'47	20°16'04
	-4790 Oct 14 j 15:19	0° E		retrograde	-4789 Oct 20 j 10:10	8° E 44'19	
greatest brilliancy	-4790 Oct 16 j 03:09	2° E 19'13	-0.8m	evening set	-4789 Oct 24 j 02:27	7° E 25'47	
evening max el	-4790 Oct 29 j 10:10	20° E 42'31	19°19'30	asc. node	-4789 Oct 24 j 06:30	7° E 18'26	
retrograde	-4790 Nov 05 j 12:57	24° E 48'28		inferior conj	-4789 Oct 29 j 13:40	1° E 21'12	1°44'27
asc. node	-4790 Nov 06 j 09:21	24° E 44'18		minimum elong	-4789 Oct 29 j 11:25	1° E 28'45	1°43'36
evening set	-4790 Nov 08 j 20:12	23° E 44'59		min. Earth dist.	-4789 Oct 30 j 08:19	0° E 18'40	0.66700 AU
inferior conj	-4790 Nov 14 j 11:54	17° E 51'44	2°31'49		-4789 Oct 30 j 13:56	30° R H	
minimum elong	-4790 Nov 14 j 08:54	18° E 01'18	2°30'46	morning rise	-4789 Nov 03 j 20:11	25° H 06'04	
min. Earth dist.	-4790 Nov 15 j 18:42	16° E 13'26	0.65896 AU	direct	-4789 Nov 09 j 12:12	22° H 38'02	
morning rise	-4790 Nov 19 j 21:21	11° E 40'23		morning max el	-4789 Nov 21 j 02:25	29° H 31'51	24°53'27
direct	-4790 Nov 26 j 04:01	8° E 56'46			-4789 Nov 21 j 13:29	0° E	
morning max el	-4790 Dec 08 j 17:26	16° E 18'35	26°09'56	desc. node	-4789 Dec 06 j 07:59	18° E 34'01	
desc. node	-4790 Dec 19 j 11:02	29° E 03'50			-4789 Dec 14 j 00:30	0° H	
	-4790 Dec 20 j 03:42	0° H		morning set	-4789 Dec 27 j 04:51	21° H 50'56	
	-4789 Jan 08 j 11:14	0° J		max. Earth dist.	-4789 Dec 30 j 22:43	28° H 36'49	1.37250 AU
morning set	-4789 Jan 13 j 21:25	9° J 46'47			-4789 Dec 31 j 16:42	0° J	
max. Earth dist.	-4789 Jan 17 j 22:24	17° J 28'26	1.35491 AU				
				superior conj	-4788 Jan 06 j 09:11	10° J 50'39	-1°45'20
superior conj	-4789 Jan 22 j 21:15	27° J 20'41	-1°30'26	minimum elong	-4788 Jan 06 j 11:35	11° J 02'21	1°45'24
minimum elong	-4789 Jan 23 j 00:15	27° J 36'01	1°30'20	evening rise	-4788 Jan 14 j 17:55	27° J 31'38	
	-4789 Jan 24 j 04:25	0° B			-4788 Jan 15 j 23:42	0° B	
evening rise	-4789 Jan 30 j 15:32	13° B 20'47		asc. node	-4788 Jan 20 j 05:19	8° B 09'40	
asc. node	-4789 Feb 02 j 08:15	18° B 47'50		evening max el	-4788 Jan 31 j 20:25	25° B 06'50	19°23'10
	-4789 Feb 08 j 08:53	0° \approx		retrograde	-4788 Feb 09 j 23:34	29° B 27'10	
evening max el	-4789 Feb 18 j 05:07	13° \approx 12'40	20°27'38	evening set	-4788 Feb 12 j 08:29	29° B 10'54	
retrograde	-4789 Feb 28 j 23:04	18° \approx 18'41		inferior conj	-4788 Feb 20 j 15:03	25° B 02'46	2°54'03
evening set	-4789 Mar 03 j 07:44	18° \approx 04'57		minimum elong	-4788 Feb 20 j 20:09	24° B 54'19	2°52'35
inferior conj	-4789 Mar 12 j 06:16	14° \approx 06'30	1°23'40	min. Earth dist.	-4788 Feb 23 j 10:30	23° B 11'48	0.56592 AU
minimum elong	-4789 Mar 12 j 09:48	14° \approx 01'18	1°22'19	morning rise	-4788 Feb 29 j 05:12	20° B 12'28	
min. Earth dist.	-4789 Mar 13 j 19:39	13° \approx 11'41	0.55477 AU	desc. node	-4788 Mar 03 j 07:18	19° B 27'42	
desc. node	-4789 Mar 17 j 10:10	11° \approx 15'08		direct	-4788 Mar 04 j 22:19	19° B 21'32	
morning rise	-4789 Mar 21 j 10:26	9° \approx 45'50		morning max el	-4788 Mar 19 j 00:51	26° B 32'06	24°53'34
direct	-4789 Mar 24 j 22:36	9° \approx 19'02			-4788 Mar 22 j 08:12	0° \approx	
morning max el	-4789 Apr 07 j 09:34	15° \approx 55'01	23°15'41		-4788 Apr 10 j 08:35	0° H	
	-4789 Apr 18 j 11:16	0° H		morning set	-4788 Apr 14 j 01:56	7° H 36'51	
morning set	-4789 Apr 30 j 13:39	22° H 33'28		asc. node	-4788 Apr 17 j 04:53	14° H 16'24	
asc. node	-4789 May 01 j 07:56	24° H 09'24					
	-4789 May 04 j 01:51	0° Υ		superior conj	-4788 Apr 21 j 02:22	22° H 43'23	0°39'22

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4788 Apr 21 j 00:43	22° H 34'24	0°38'59	superior conj	-4787 Apr 05 j 13:44	7° H 45'15	0°15'29
max. Earth dist.	-4788 Apr 22 j 09:12	25° H 30'14	1.33092 AU	minimum elong	-4787 Apr 05 j 13:04	7° H 41'33	0°15'14
	-4788 Apr 24 j 11:31	0° Y		behind sun begin	-4787 Apr 05 j 11:47	7° H 34'33	
evening rise	-4788 Apr 28 j 08:46	8° Y 06'25		behind sun end	-4787 Apr 05 j 14:20	7° H 48'33	
	-4788 May 10 j 02:14	0° B		max. Earth dist.	-4787 Apr 05 j 21:35	8° H 28'10	1.32689 AU
desc. node	-4788 May 30 j 05:44	27° B 20'51		evening rise	-4787 Apr 12 j 15:02	22° H 53'59	
evening max el	-4788 May 30 j 15:46	27° B 45'07	27°20'36		-4787 Apr 16 j 03:07	0° Y	
	-4788 Jun 02 j 03:58	0° II			-4787 May 04 j 05:17	0° B	
retrograde	-4788 Jun 13 j 12:30	5° II 10'02		evening max el	-4787 May 12 j 19:27	9° B 53'36	26°46'27
evening set	-4788 Jun 20 j 14:27	2° II 43'48		desc. node	-4787 May 17 j 02:53	13° B 31'15	
	-4788 Jun 23 j 23:40	30° R B		retrograde	-4787 May 26 j 20:40	17° B 14'48	
min. Earth dist.	-4788 Jun 24 j 04:42	29° B 48'30	0.62391 AU	evening set	-4787 Jun 02 j 11:18	15° B 20'06	
inferior conj	-4788 Jun 27 j 04:09	26° B 58'09	-4°03'57	min. Earth dist.	-4787 Jun 06 j 08:57	12° B 37'10	0.60409 AU
minimum elong	-4788 Jun 27 j 06:33	26° B 52'24	4°03'29	inferior conj	-4787 Jun 09 j 17:00	9° B 50'10	-4°13'51
morning rise	-4788 Jul 03 j 23:55	21° B 53'57		minimum elong	-4787 Jun 09 j 17:00	9° B 50'09	4°13'42
direct	-4788 Jul 06 j 14:28	21° B 23'17		morning rise	-4787 Jun 17 j 00:42	5° B 06'58	
morning max el	-4788 Jul 13 j 07:17	24° B 47'18	17°57'15	direct	-4787 Jun 19 j 13:28	4° B 42'12	
asc. node	-4788 Jul 14 j 04:38	25° B 42'27		morning max el	-4787 Jun 26 j 19:18	8° B 14'04	18°10'22
	-4788 Jul 17 j 14:13	0° II		asc. node	-4787 Jul 01 j 01:38	13° B 19'25	
morning set	-4788 Jul 29 j 16:15	20° II 22'41			-4787 Jul 10 j 21:44	0° II	
	-4788 Aug 04 j 01:51	0° B		morning set	-4787 Jul 12 j 19:44	3° II 34'37	
superior conj	-4788 Aug 09 j 21:42	10° B 06'19	1°30'41	superior conj	-4787 Jul 22 j 15:27	21° II 42'29	1°46'04
minimum elong	-4788 Aug 10 j 02:40	10° B 27'25	1°30'31	minimum elong	-4787 Jul 22 j 17:38	21° II 52'16	1°46'12
max. Earth dist.	-4788 Aug 16 j 21:18	21° B 44'38	1.42918 AU		-4787 Jul 27 j 08:25	0° B	
	-4788 Aug 22 j 00:33	0° Q		max. Earth dist.	-4787 Jul 30 j 04:16	4° B 49'56	1.41223 AU
evening rise	-4788 Aug 24 j 19:05	4° Q 21'55		evening rise	-4787 Aug 04 j 13:26	13° B 44'16	
desc. node	-4788 Aug 26 j 04:47	6° Q 33'13		desc. node	-4787 Aug 13 j 01:46	27° B 07'33	
	-4788 Sep 10 j 20:36	0° np			-4787 Aug 14 j 23:15	0° Q	
evening max el	-4788 Sep 24 j 12:51	17° np 33'50	21°25'19		-4787 Sep 06 j 06:21	0° np	
retrograde	-4788 Oct 03 j 06:43	22° np 45'01		evening max el	-4787 Sep 07 j 05:16	0° np 59'15	22°43'14
evening set	-4788 Oct 07 j 10:19	21° np 08'53		retrograde	-4787 Sep 17 j 01:06	6° np 48'53	
asc. node	-4788 Oct 10 j 03:38	18° np 24'09		evening set	-4787 Sep 21 j 18:01	4° np 53'15	
inferior conj	-4788 Oct 12 j 18:42	14° np 56'28	0°53'19		-4787 Sep 26 j 00:49	30° R Q	
minimum elong	-4788 Oct 12 j 17:29	15° np 00'39	0°52'54	inferior conj	-4787 Sep 27 j 01:10	28° Q 36'22	0°00'22
min. Earth dist.	-4788 Oct 13 j 02:29	14° np 29'41	0.67195 AU	minimum elong	-4787 Sep 27 j 01:09	28° Q 36'25	0°00'31
morning rise	-4788 Oct 18 j 00:29	8° np 40'28		transit middle	-4787 Sep 27 j 01:09	28° Q 36'25	0°00'31
direct	-4788 Oct 23 j 01:19	6° np 32'25		transit begin	-4787 Sep 26 j 22:28	28° Q 45'44	
morning max el	-4788 Nov 02 j 11:41	12° np 46'39	23°28'02	transit end	-4787 Sep 27 j 03:51	28° Q 27'07	
	-4788 Nov 16 j 07:21	0° Q		min. Earth dist.	-4787 Sep 26 j 22:42	28° Q 44'56	0.67392 AU
desc. node	-4788 Nov 22 j 04:52	8° Q 30'27		asc. node	-4787 Sep 27 j 00:44	28° Q 37'52	
	-4788 Dec 05 j 21:37	0° ml		morning rise	-4787 Oct 02 j 08:10	22° Q 22'38	
morning set	-4788 Dec 07 j 11:30	2° ml 38'13		direct	-4787 Oct 06 j 18:38	20° Q 35'48	
max. Earth dist.	-4788 Dec 11 j 18:16	9° ml 58'25	1.39277 AU	morning max el	-4787 Oct 16 j 00:26	26° Q 05'42	22°02'58
					-4787 Oct 19 j 12:52	0° np	
superior conj	-4788 Dec 19 j 07:07	23° ml 34'20	-1°52'51	desc. node	-4787 Nov 09 j 01:47	28° np 46'00	
minimum elong	-4788 Dec 19 j 07:41	23° ml 37'01	1°53'02		-4787 Nov 09 j 21:10	0° Q	
	-4788 Dec 22 j 16:54	0° Z		morning set	-4787 Nov 17 j 13:36	12° Q 02'20	
evening rise	-4788 Dec 28 j 12:32	11° Z 13'19		max. Earth dist.	-4787 Nov 23 j 17:27	22° Q 07'10	1.41311 AU
asc. node	-4787 Jan 06 j 02:23	27° Z 02'25			-4787 Nov 28 j 08:48	0° ml	
	-4787 Jan 07 j 22:32	0° B					
evening max el	-4787 Jan 13 j 21:05	7° B 33'19	18°38'20	superior conj	-4787 Dec 01 j 09:54	5° ml 19'14	-1°49'39
retrograde	-4787 Jan 21 j 17:18	11° B 21'46		minimum elong	-4787 Dec 01 j 07:22	5° ml 08'03	1°49'41
evening set	-4787 Jan 24 j 05:07	11° B 00'07		evening rise	-4787 Dec 11 j 20:21	24° ml 19'37	
inferior conj	-4787 Jan 31 j 19:05	6° B 33'37	3°46'49		-4787 Dec 14 j 21:59	0° Z	
minimum elong	-4787 Jan 31 j 22:14	6° B 27'32	3°46'10	asc. node	-4787 Dec 23 j 23:28	15° Z 17'07	
min. Earth dist.	-4787 Feb 04 j 03:26	4° B 00'41	0.58311 AU	evening max el	-4787 Dec 28 j 04:37	20° Z 25'04	18°13'31
morning rise	-4787 Feb 08 j 13:01	1° B 16'52		retrograde	-4786 Jan 04 j 05:01	23° Z 56'59	
	-4787 Feb 12 j 09:26	30° R Z		evening set	-4786 Jan 06 j 19:33	23° Z 28'39	
direct	-4787 Feb 14 j 11:17	29° Z 49'07		inferior conj	-4786 Jan 13 j 19:02	18° Z 40'19	4°05'05
	-4787 Feb 16 j 13:32	0° B		minimum elong	-4786 Jan 13 j 19:17	18° Z 39'48	4°04'51
desc. node	-4787 Feb 18 j 04:24	0° B 22'58		min. Earth dist.	-4786 Jan 17 j 01:11	15° Z 47'52	0.60292 AU
morning max el	-4787 Feb 28 j 17:09	7° B 17'53	26°18'44	morning rise	-4786 Jan 20 j 17:28	13° Z 04'16	
	-4787 Mar 17 j 15:13	0° B		direct	-4786 Jan 27 j 11:27	10° Z 58'13	
morning set	-4787 Mar 29 j 13:23	22° B 37'32		desc. node	-4786 Feb 05 j 01:29	13° Z 59'53	
	-4787 Apr 02 j 00:23	0° H		morning max el	-4786 Feb 10 j 14:52	18° Z 35'26	27°17'26
asc. node	-4787 Apr 04 j 01:51	4° H 29'04			-4786 Feb 20 j 06:25	0° B	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4786 Mar 10 j 05:18	0°♊		morning max el	-4785 Jan 23 j 18:57	0°♊34'16	27°41'26
morning set	-4786 Mar 13 j 22:13	7°♊28'52			-4785 Feb 14 j 06:50	0°♊	
max. Earth dist.	-4786 Mar 20 j 11:02	21°♊27'32	1.32618 AU	morning set	-4785 Feb 26 j 02:25	22°♊03'44	
					-4785 Mar 01 j 22:03	0°♊	
superior conj	-4786 Mar 21 j 01:24	22°♊46'02	-0°09'17	max. Earth dist.	-4785 Mar 03 j 21:41	4°♊14'27	1.32894 AU
minimum elong	-4786 Mar 21 j 01:49	22°♊48'20	0°09'21				
behind sun begin	-4786 Mar 20 j 21:45	22°♊26'04		superior conj	-4785 Mar 05 j 11:45	7°♊40'01	-0°34'02
behind sun end	-4786 Mar 21 j 05:53	23°♊10'36		minimum elong	-4785 Mar 05 j 13:15	7°♊48'09	0°33'55
asc. node	-4786 Mar 21 j 22:49	24°♊43'10		asc. node	-4785 Mar 08 j 19:50	14°♊54'41	
	-4786 Mar 24 j 08:55	0°♋		evening rise	-4785 Mar 12 j 12:21	22°♊48'38	
evening rise	-4786 Mar 28 j 00:52	7°♋50'23			-4785 Mar 16 j 00:18	0°♋	
	-4786 Apr 08 j 16:38	0°♋			-4785 Apr 04 j 04:53	0°♋	
evening max el	-4786 Apr 24 j 17:00	21°♋20'33	25°41'57	evening max el	-4785 Apr 06 j 09:44	2°♋14'43	24°15'56
desc. node	-4786 May 04 j 00:03	27°♋39'50		retrograde	-4785 Apr 20 j 06:13	9°♋12'17	
retrograde	-4786 May 08 j 19:10	28°♋34'16		desc. node	-4785 Apr 20 j 21:14	9°♋11'23	
evening set	-4786 May 14 j 10:57	27°♋17'48		evening set	-4785 Apr 24 j 15:04	8°♋29'35	
min. Earth dist.	-4786 May 19 j 05:34	24°♋30'58	0.58391 AU	min. Earth dist.	-4785 Apr 30 j 21:35	5°♋24'54	0.56639 AU
inferior conj	-4786 May 22 j 12:12	22°♋09'08	-3°57'44	inferior conj	-4785 May 03 j 11:25	3°♋47'37	-3°06'03
minimum elong	-4786 May 22 j 08:53	22°♋15'10	3°57'16	minimum elong	-4785 May 03 j 05:49	3°♋56'31	3°04'43
morning rise	-4786 May 30 j 09:36	17°♋47'05			-4785 May 10 j 21:45	30°♋	
direct	-4786 Jun 01 j 21:15	17°♋27'10		morning rise	-4785 May 11 j 23:40	29°♋43'13	
morning max el	-4786 Jun 10 j 01:52	21°♋19'15	18°43'21	direct	-4785 May 14 j 10:26	29°♋27'06	
	-4786 Jun 16 j 20:49	0°♌			-4785 May 17 j 19:53	0°♋	
asc. node	-4786 Jun 17 j 22:38	1°♌43'59		morning max el	-4785 May 24 j 00:21	3°♋54'13	19°36'42
morning set	-4786 Jun 26 j 11:24	17°♌24'20		asc. node	-4785 Jun 04 j 19:39	20°♋45'10	
	-4786 Jul 02 j 23:09	0°♌			-4785 Jun 09 j 15:07	0°♌	
				morning set	-4785 Jun 10 j 11:48	1°♌43'10	
superior conj	-4786 Jul 05 j 06:41	4°♌24'07	1°49'15				
minimum elong	-4786 Jul 05 j 06:20	4°♌22'24	1°49'28	superior conj	-4785 Jun 18 j 13:53	17°♌56'07	1°43'15
max. Earth dist.	-4786 Jul 12 j 06:52	17°♌13'13	1.39302 AU	minimum elong	-4785 Jun 18 j 11:54	17°♌46'23	1°43'19
evening rise	-4786 Jul 16 j 09:11	24°♌19'53		max. Earth dist.	-4785 Jun 24 j 09:14	29°♌05'31	1.37407 AU
	-4786 Jul 19 j 18:25	0°♍			-4785 Jun 24 j 20:56	0°♌	
desc. node	-4786 Jul 30 j 22:47	17°♍30'39		evening rise	-4785 Jun 28 j 06:25	6°♌11'27	
	-4786 Aug 08 j 17:38	0°♍			-4785 Jul 12 j 16:04	0°♍	
evening max el	-4786 Aug 20 j 17:28	14°♍25'52	24°04'08	desc. node	-4785 Jul 17 j 19:49	7°♍36'56	
retrograde	-4786 Aug 31 j 16:05	20°♍52'15		evening max el	-4785 Aug 03 j 03:59	27°♍55'00	25°20'43
evening set	-4786 Sep 05 j 23:48	18°♍36'41			-4785 Aug 05 j 09:41	0°♍	
inferior conj	-4786 Sep 11 j 07:21	12°♍18'36	-0°52'46	retrograde	-4785 Aug 15 j 03:01	4°♍51'09	
minimum elong	-4786 Sep 11 j 08:34	12°♍14'29	0°52'04	evening set	-4785 Aug 21 j 01:47	2°♍17'53	
min. Earth dist.	-4786 Sep 10 j 18:29	13°♍02'13	0.67288 AU		-4785 Aug 23 j 07:47	30°♍	
asc. node	-4786 Sep 13 j 21:52	8°♍55'56		min. Earth dist.	-4785 Aug 25 j 11:29	27°♍19'55	0.66865 AU
morning rise	-4786 Sep 16 j 17:17	6°♍10'15		inferior conj	-4785 Aug 26 j 11:30	26°♍01'35	-1°44'27
direct	-4786 Sep 20 j 14:55	4°♍43'36		minimum elong	-4785 Aug 26 j 13:51	25°♍53'54	1°43'20
morning max el	-4786 Sep 28 j 19:32	9°♍32'13	20°45'19	asc. node	-4785 Aug 31 j 19:01	20°♍13'53	
	-4786 Oct 14 j 06:08	0°♎		morning rise	-4785 Sep 01 j 02:00	20°♍01'45	
desc. node	-4786 Oct 26 j 22:41	19°♎14'33		direct	-4785 Sep 04 j 12:52	18°♍52'39	
morning set	-4786 Oct 27 j 17:01	20°♎25'47		morning max el	-4785 Sep 11 j 21:55	23°♍07'31	19°39'43
	-4786 Nov 02 j 18:52	0°♏			-4785 Sep 17 j 13:53	0°♎	
max. Earth dist.	-4786 Nov 06 j 00:13	5°♏10'40	1.43046 AU	morning set	-4785 Oct 06 j 17:23	28°♎47'18	
					-4785 Oct 07 j 12:05	0°♎	
superior conj	-4786 Nov 12 j 11:51	15°♏51'16	-1°32'08	desc. node	-4785 Oct 13 j 19:35	9°♎51'36	
minimum elong	-4786 Nov 12 j 05:59	15°♏26'43	1°31'41	max. Earth dist.	-4785 Oct 19 j 13:27	18°♎55'28	1.44247 AU
	-4786 Nov 20 j 18:00	0°♐					
evening rise	-4786 Nov 24 j 13:27	6°♐42'24		superior conj	-4785 Oct 23 j 10:08	25°♎05'25	-0°58'13
	-4786 Dec 08 j 15:16	0°♑		minimum elong	-4785 Oct 23 j 03:51	24°♎40'11	0°57'27
asc. node	-4786 Dec 10 j 20:34	2°♑42'35			-4785 Oct 26 j 11:08	0°♏	
evening max el	-4786 Dec 11 j 16:10	3°♑34'14	18°08'23	evening rise	-4785 Nov 06 j 11:07	18°♏11'39	
retrograde	-4786 Dec 18 j 07:02	7°♑03'01			-4785 Nov 13 j 11:52	0°♐	
evening set	-4786 Dec 21 j 00:23	6°♑27'06		evening max el	-4785 Nov 25 j 04:56	16°♐53'51	18°22'12
inferior conj	-4786 Dec 27 j 12:06	1°♑17'24	3°57'48	asc. node	-4785 Nov 27 j 17:43	19°♐04'31	
minimum elong	-4786 Dec 27 j 10:08	1°♑22'23	3°57'23	retrograde	-4785 Dec 01 j 18:51	20°♐30'11	
	-4786 Dec 28 j 18:28	30°♑		evening set	-4785 Dec 04 j 16:05	19°♐45'22	
min. Earth dist.	-4786 Dec 30 j 07:13	28°♑28'06	0.62223 AU	inferior conj	-4785 Dec 10 j 18:27	14°♐16'33	3°33'01
morning rise	-4785 Jan 02 j 18:58	25°♑27'16		minimum elong	-4785 Dec 10 j 15:23	14°♐25'11	3°32'13
direct	-4785 Jan 09 j 20:35	22°♑52'24		min. Earth dist.	-4785 Dec 12 j 23:20	11°♐47'31	0.63913 AU
desc. node	-4785 Jan 22 j 22:34	29°♑45'22		morning rise	-4785 Dec 16 j 14:08	8°♑15'55	
	-4785 Jan 23 j 04:46	0°♑		direct	-4785 Dec 23 j 13:25	5°♑26'37	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning max el	-4784 Jan 06 j 03:20	13° \mathbb{M} 08'44	27°29'30	direct	-4784 Dec 05 j 12:56	18° \mathbb{A} 33'37	
desc. node	-4784 Jan 09 j 19:37	17° \mathbb{M} 03'46		morning max el	-4784 Dec 18 j 13:04	26° \mathbb{A} 06'46	26°46'04
	-4784 Jan 19 j 18:54	0° \mathbb{A}			-4784 Dec 22 j 04:16	0° \mathbb{M}	
	-4784 Feb 06 j 18:24	0° \mathbb{B}		desc. node	-4784 Dec 26 j 16:36	5° \mathbb{M} 27'53	
morning set	-4784 Feb 09 j 23:15	6° \mathbb{B} 12'13			-4783 Jan 12 j 07:37	0° \mathbb{A}	
max. Earth dist.	-4784 Feb 15 j 01:25	16° \mathbb{B} 34'10	1.33557 AU	morning set	-4783 Jan 23 j 09:21	19° \mathbb{A} 43'34	
				max. Earth dist.	-4783 Jan 27 j 18:35	28° \mathbb{A} 18'13	1.34655 AU
					-4783 Jan 28 j 14:50	0° \mathbb{B}	
superior conj	-4784 Feb 17 j 18:55	22° \mathbb{B} 20'02	-0°57'51				
minimum elong	-4784 Feb 17 j 21:20	22° \mathbb{B} 32'54	0°57'39				
	-4784 Feb 21 j 08:52	0° \mathbb{A}		superior conj	-4783 Jan 31 j 20:51	6° \mathbb{B} 39'39	-1°19'31
asc. node	-4784 Feb 23 j 16:50	4° \mathbb{A} 58'38		minimum elong	-4783 Jan 31 j 23:49	6° \mathbb{B} 55'01	1°19'21
evening rise	-4784 Feb 24 j 23:40	7° \mathbb{A} 41'13		evening rise	-4783 Feb 08 j 09:05	22° \mathbb{B} 22'23	
	-4784 Mar 07 j 21:54	0° \mathbb{H}		asc. node	-4783 Feb 09 j 13:52	24° \mathbb{B} 50'32	
evening max el	-4784 Mar 18 j 02:38	12° \mathbb{H} 58'32	22°41'51		-4783 Feb 12 j 03:31	0° \mathbb{A}	
retrograde	-4784 Mar 31 j 05:03	19° \mathbb{H} 23'01		evening max el	-4783 Feb 28 j 02:00	23° \mathbb{A} 59'19	21°12'50
evening set	-4784 Apr 03 j 08:54	19° \mathbb{H} 01'06		retrograde	-4783 Mar 11 j 19:08	29° \mathbb{A} 34'44	
desc. node	-4784 Apr 06 j 18:26	17° \mathbb{H} 53'15		evening set	-4783 Mar 14 j 06:46	29° \mathbb{A} 20'30	
min. Earth dist.	-4784 Apr 11 j 12:07	15° \mathbb{H} 26'34	0.55491 AU	inferior conj	-4783 Mar 23 j 12:03	25° \mathbb{A} 21'28	0°18'59
inferior conj	-4784 Apr 12 j 16:23	14° \mathbb{H} 45'58	-1°35'33	minimum elong	-4783 Mar 23 j 12:55	25° \mathbb{A} 20'14	0°18'31
minimum elong	-4784 Apr 12 j 12:15	14° \mathbb{H} 51'54	1°34'17	min. Earth dist.	-4783 Mar 24 j 02:29	25° \mathbb{A} 01'00	0.55214 AU
morning rise	-4784 Apr 21 j 17:39	10° \mathbb{H} 48'22		desc. node	-4783 Mar 24 j 15:38	24° \mathbb{A} 42'25	
direct	-4784 Apr 24 j 06:10	10° \mathbb{H} 33'30		morning rise	-4783 Apr 01 j 18:39	21° \mathbb{A} 13'31	
morning max el	-4784 May 05 j 12:30	15° \mathbb{H} 49'47	20°49'48	direct	-4783 Apr 04 j 18:27	20° \mathbb{A} 53'53	
	-4784 May 16 j 03:44	0° \mathbb{Y}		morning max el	-4783 Apr 17 j 13:47	27° \mathbb{A} 03'41	22°19'24
asc. node	-4784 May 21 j 16:39	10° \mathbb{Y} 13'02			-4783 Apr 20 j 09:50	0° \mathbb{H}	
morning set	-4784 May 24 j 18:08	16° \mathbb{Y} 22'39		asc. node	-4783 May 08 j 13:36	0° \mathbb{Y} 00'25	
	-4784 May 31 j 08:09	0° \mathbb{B}			-4783 May 08 j 13:31	0° \mathbb{Y}	
				morning set	-4783 May 09 j 04:13	1° \mathbb{Y} 16'08	
superior conj	-4784 Jun 01 j 08:20	2° \mathbb{B} 04'10	1°30'35				
minimum elong	-4784 Jun 01 j 05:40	1° \mathbb{B} 50'31	1°30'26	superior conj	-4783 May 16 j 10:34	16° \mathbb{Y} 37'22	1°13'10
max. Earth dist.	-4784 Jun 05 j 17:23	10° \mathbb{B} 51'58	1.35743 AU	minimum elong	-4783 May 16 j 07:56	16° \mathbb{Y} 23'25	1°12'49
evening rise	-4784 Jun 10 j 00:12	19° \mathbb{B} 05'59		max. Earth dist.	-4783 May 19 j 11:22	22° \mathbb{Y} 56'53	1.34427 AU
	-4784 Jun 16 j 01:06	0° \mathbb{H}			-4783 May 22 j 23:01	0° \mathbb{B}	
desc. node	-4784 Jul 03 j 16:54	27° \mathbb{H} 18'52		evening rise	-4783 May 24 j 09:11	2° \mathbb{B} 48'02	
	-4784 Jul 05 j 17:26	0° \mathbb{B}			-4783 Jun 08 j 21:48	0° \mathbb{H}	
evening max el	-4784 Jul 15 j 14:46	11° \mathbb{B} 24'38	26°25'01	desc. node	-4783 Jun 20 j 14:02	16° \mathbb{H} 25'34	
retrograde	-4784 Jul 28 j 09:20	18° \mathbb{B} 39'59		evening max el	-4783 Jun 28 j 02:08	24° \mathbb{H} 47'04	27°08'55
evening set	-4784 Aug 03 j 21:50	15° \mathbb{B} 54'44			-4783 Jul 04 j 15:28	0° \mathbb{B}	
min. Earth dist.	-4784 Aug 07 j 23:24	11° \mathbb{B} 35'02	0.66092 AU	retrograde	-4783 Jul 11 j 10:22	2° \mathbb{B} 10'43	
inferior conj	-4784 Aug 09 j 11:45	9° \mathbb{B} 43'18	-2°32'53		-4783 Jul 17 j 13:48	30° \mathbb{R} \mathbb{H}	
minimum elong	-4784 Aug 09 j 14:59	9° \mathbb{B} 33'22	2°31'34	evening set	-4783 Jul 18 j 09:14	29° \mathbb{H} 22'53	
morning rise	-4784 Aug 15 j 08:23	3° \mathbb{B} 54'58		min. Earth dist.	-4783 Jul 22 j 03:55	25° \mathbb{H} 40'47	0.64946 AU
asc. node	-4784 Aug 17 j 16:08	3° \mathbb{B} 03'39		inferior conj	-4783 Jul 24 j 05:52	23° \mathbb{H} 19'20	-3°15'48
direct	-4784 Aug 18 j 10:46	3° \mathbb{B} 00'14		minimum elong	-4783 Jul 24 j 09:28	23° \mathbb{H} 09'05	3°14'37
morning max el	-4784 Aug 25 j 06:36	6° \mathbb{B} 49'55	18°49'00	morning rise	-4783 Jul 30 j 10:11	17° \mathbb{H} 45'39	
	-4784 Sep 10 j 10:24	0° \mathbb{H}		direct	-4783 Aug 02 j 06:27	17° \mathbb{H} 02'06	
morning set	-4784 Sep 15 j 12:08	8° \mathbb{H} 05'40		asc. node	-4783 Aug 04 j 13:12	17° \mathbb{H} 29'51	
	-4784 Sep 29 j 07:52	0° \mathbb{H}		morning max el	-4783 Aug 08 j 19:29	20° \mathbb{H} 34'53	18°14'51
desc. node	-4784 Sep 29 j 16:28	0° \mathbb{H} 33'51			-4783 Aug 15 j 23:08	0° \mathbb{B}	
				morning set	-4783 Aug 27 j 09:54	18° \mathbb{B} 42'10	
					-4783 Sep 03 j 06:11	0° \mathbb{H}	
superior conj	-4784 Oct 01 j 12:23	3° \mathbb{H} 26'55	-0°11'31				
minimum elong	-4784 Oct 01 j 10:53	3° \mathbb{H} 21'01	0°11'12	superior conj	-4783 Sep 10 j 14:56	11° \mathbb{H} 53'31	0°36'52
behind sun begin	-4784 Oct 01 j 02:28	2° \mathbb{H} 47'50		minimum elong	-4783 Sep 10 j 19:16	12° \mathbb{H} 10'48	0°36'32
behind sun end	-4784 Oct 01 j 19:18	3° \mathbb{H} 54'12		max. Earth dist.	-4783 Sep 14 j 00:02	17° \mathbb{H} 15'45	1.44588 AU
max. Earth dist.	-4784 Oct 01 j 06:20	3° \mathbb{H} 03'06	1.44778 AU	desc. node	-4783 Sep 16 j 13:21	21° \mathbb{H} 17'49	
evening rise	-4784 Oct 17 j 08:53	28° \mathbb{H} 38'06			-4783 Sep 22 j 02:34	0° \mathbb{H}	
	-4784 Oct 18 j 05:17	0° \mathbb{B}			-4783 Sep 27 j 05:48	8° \mathbb{H} 00'17	
	-4784 Nov 07 j 08:57	0° \mathbb{M}		evening rise	-4783 Sep 27 j 05:48	8° \mathbb{H} 00'17	
evening max el	-4784 Nov 07 j 16:17	0° \mathbb{M} 19'13	18°53'51	greatest brilliancy	-4783 Oct 09 j 08:48	26° \mathbb{H} 42'18	-0.7m
asc. node	-4784 Nov 13 j 14:53	4° \mathbb{M} 07'28			-4783 Oct 11 j 13:33	0° \mathbb{B}	
retrograde	-4784 Nov 14 j 12:32	4° \mathbb{M} 12'03		evening max el	-4783 Oct 21 j 23:52	13° \mathbb{B} 45'59	19°41'52
evening set	-4784 Nov 17 j 15:29	3° \mathbb{M} 16'14		retrograde	-4783 Oct 29 j 09:02	18° \mathbb{B} 03'22	
	-4784 Nov 21 j 08:26	30° \mathbb{R} \mathbb{B}		asc. node	-4783 Oct 31 j 12:02	17° \mathbb{B} 37'08	
inferior conj	-4784 Nov 23 j 10:34	27° \mathbb{B} 31'13	2°56'31	evening set	-4783 Nov 01 j 19:51	16° \mathbb{B} 53'54	
minimum elong	-4784 Nov 23 j 07:21	27° \mathbb{B} 41'06	2°55'30	inferior conj	-4783 Nov 07 j 09:28	10° \mathbb{B} 55'42	2°12'16
min. Earth dist.	-4784 Nov 25 j 01:10	25° \mathbb{B} 32'42	0.65274 AU	minimum elong	-4783 Nov 07 j 06:44	11° \mathbb{B} 04'37	2°11'17
morning rise	-4784 Nov 28 j 22:51	21° \mathbb{B} 22'58		min. Earth dist.	-4783 Nov 08 j 11:00	9° \mathbb{B} 32'19	0.66285 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning rise	-4783 Nov 12 j 17:23	4° Ω 42'30	direct	-4782 Nov 02 j 04:28	15° Π 52'18	
direct	-4783 Nov 18 j 18:08	2° Ω 04'24	morning max el	-4782 Nov 13 j 06:54	22° Π 29'24	24°17'33
morning max el	-4783 Nov 30 j 22:09	9° Ω 15'41 25°38'57		-4782 Nov 19 j 21:06	0° Ω	
desc. node	-4783 Dec 13 j 13:32	24° Ω 37'36	desc. node	-4782 Nov 30 j 10:26	14° Ω 19'56	
	-4783 Dec 17 j 08:36	0° Π		-4782 Dec 10 j 16:53	0° Π	
	-4782 Jan 04 j 20:24	0° \mathcal{A}	morning set	-4782 Dec 19 j 01:38	13° Π 55'59	
morning set	-4782 Jan 06 j 04:04	2° \mathcal{A} 23'21	max. Earth dist.	-4782 Dec 22 j 21:40	20° Π 42'19	1.38102 AU
max. Earth dist.	-4782 Jan 10 j 00:05	9° \mathcal{A} 31'51 1.36197 AU		-4782 Dec 27 j 22:42	0° \mathcal{A}	
superior conj	-4782 Jan 15 j 14:50	20° \mathcal{A} 30'12 -1°37'29	superior conj	-4782 Dec 29 j 21:23	3° \mathcal{A} 41'56 -1°49'37	
minimum elong	-4782 Jan 15 j 17:42	20° \mathcal{A} 44'35 1°37'28	minimum elong	-4782 Dec 29 j 23:10	3° \mathcal{A} 50'30 1°49'45	
	-4782 Jan 20 j 07:09	0° \mathcal{B}	evening rise	-4781 Jan 07 j 14:00	20° \mathcal{A} 44'49	
evening rise	-4782 Jan 23 j 14:36	6° \mathcal{B} 45'37		-4781 Jan 12 j 08:54	0° \mathcal{B}	
asc. node	-4782 Jan 27 j 10:55	14° \mathcal{B} 24'52	asc. node	-4781 Jan 14 j 07:58	3° \mathcal{B} 35'07	
	-4782 Feb 05 j 16:45	0° \approx	evening max el	-4781 Jan 24 j 06:49	17° \mathcal{B} 40'47 19°01'35	
evening max el	-4782 Feb 10 j 11:19	5° \approx 32'34 19°57'56	retrograde	-4781 Feb 01 j 19:20	21° \mathcal{B} 45'39	
retrograde	-4782 Feb 20 j 11:51	10° \approx 17'12	evening set	-4781 Feb 04 j 05:34	21° \mathcal{B} 27'12	
evening set	-4782 Feb 22 j 20:12	10° \approx 02'46	inferior conj	-4781 Feb 12 j 04:50	17° \mathcal{B} 11'36 3°21'09	
inferior conj	-4782 Mar 03 j 12:22	6° \approx 02'03 2°06'15	minimum elong	-4781 Feb 12 j 09:24	17° \mathcal{B} 03'33 3°20'01	
minimum elong	-4782 Mar 03 j 17:07	5° \approx 54'47 2°04'38	min. Earth dist.	-4781 Feb 15 j 07:45	15° \mathcal{B} 00'45 0.57270 AU	
min. Earth dist.	-4782 Mar 05 j 16:41	4° \approx 42'10 0.55861 AU	morning rise	-4781 Feb 20 j 10:43	12° \mathcal{B} 09'35	
desc. node	-4782 Mar 11 j 12:46	1° \approx 47'46	direct	-4781 Feb 25 j 16:58	11° \mathcal{B} 04'14	
morning rise	-4782 Mar 12 j 11:51	1° \approx 29'16	desc. node	-4781 Feb 26 j 09:54	11° \mathcal{B} 05'26	
direct	-4782 Mar 16 j 11:53	0° \approx 53'51	morning max el	-4781 Mar 11 j 21:49	18° \mathcal{B} 23'21 25°32'24	
morning max el	-4782 Mar 30 j 06:54	7° \approx 46'37 23°57'54		-4781 Mar 21 j 13:55	0° \approx	
	-4782 Apr 15 j 08:12	0° \mathcal{H}		-4781 Apr 07 j 12:52	0° \mathcal{H}	
morning set	-4782 Apr 23 j 16:12	16° \mathcal{H} 17'48	morning set	-4781 Apr 08 j 04:20	1° \mathcal{H} 20'49	
asc. node	-4782 Apr 25 j 10:32	20° \mathcal{H} 01'45	asc. node	-4781 Apr 12 j 07:29	10° \mathcal{H} 11'34	
	-4782 Apr 30 j 01:43	0° \mathcal{Y}				
superior conj	-4782 Apr 30 j 17:58	1° \mathcal{Y} 27'32 0°52'25	superior conj	-4781 Apr 15 j 04:23	16° \mathcal{H} 26'50 0°29'24	
minimum elong	-4782 Apr 30 j 15:51	1° \mathcal{Y} 16'08 0°52'00	minimum elong	-4781 Apr 15 j 03:07	16° \mathcal{H} 19'57 0°29'03	
max. Earth dist.	-4782 May 02 j 15:02	5° \mathcal{Y} 28'53 1.33478 AU	max. Earth dist.	-4781 Apr 16 j 01:22	18° \mathcal{H} 21'04 1.32879 AU	
evening rise	-4782 May 08 j 05:00	17° \mathcal{Y} 04'16	evening rise	-4781 Apr 21 j 12:19	0° \mathcal{Y}	
	-4782 May 14 j 22:49	0° \mathcal{B}		-4781 May 07 j 21:51	0° \mathcal{B}	
	-4782 Jun 03 j 10:39	0° Π	evening max el	-4781 May 23 j 19:08	20° \mathcal{B} 21'06 27°10'05	
desc. node	-4782 Jun 07 j 11:10	4° Π 42'09	desc. node	-4781 May 25 j 08:20	21° \mathcal{B} 46'35	
evening max el	-4782 Jun 10 j 12:30	7° Π 50'37 27°25'28	retrograde	-4781 Jun 06 j 17:39	27° \mathcal{B} 44'10	
retrograde	-4782 Jun 24 j 05:23	15° Π 15'20	evening set	-4781 Jun 13 j 16:29	25° \mathcal{B} 29'50	
evening set	-4782 Jul 01 j 08:46	12° Π 37'20	min. Earth dist.	-4781 Jun 17 j 08:29	22° \mathcal{B} 42'01 0.61573 AU	
min. Earth dist.	-4782 Jul 04 j 23:13	9° Π 27'52 0.63424 AU	inferior conj	-4781 Jun 20 j 12:30	19° \mathcal{B} 50'42 -4°10'43	
inferior conj	-4782 Jul 07 j 15:11	6° Π 44'35 -3°50'00	minimum elong	-4781 Jun 20 j 14:02	19° \mathcal{B} 47'11 4°10'27	
minimum elong	-4782 Jul 07 j 18:22	6° Π 36'26 3°49'14	morning rise	-4781 Jun 27 j 13:08	14° \mathcal{B} 55'20	
morning rise	-4782 Jul 14 j 04:49	1° Π 28'40	direct	-4781 Jun 30 j 02:56	14° \mathcal{B} 27'12	
direct	-4782 Jul 16 j 21:03	0° Π 53'44	morning max el	-4781 Jul 06 j 23:58	17° \mathcal{B} 52'46 18°00'31	
asc. node	-4782 Jul 22 j 10:14	3° Π 22'31	asc. node	-4781 Jul 09 j 07:14	20° \mathcal{B} 25'27	
morning max el	-4782 Jul 23 j 10:11	4° Π 18'06 17°58'25		-4781 Jul 15 j 16:59	0° Π	
morning set	-4782 Aug 09 j 08:43	0° \mathcal{E} 30'31	morning set	-4781 Jul 23 j 03:10	13° Π 15'09	
	-4782 Aug 09 j 01:43	0° \mathcal{E}		-4781 Aug 01 j 10:21	0° \mathcal{E}	
superior conj	-4782 Aug 21 j 14:09	21° \mathcal{E} 22'40 1°15'16	superior conj	-4781 Aug 02 j 17:00	2° \mathcal{E} 14'00 1°38'53	
minimum elong	-4782 Aug 21 j 20:02	21° \mathcal{E} 47'02 1°14'53	minimum elong	-4781 Aug 02 j 20:51	2° \mathcal{E} 30'45 1°38'52	
	-4782 Aug 26 j 20:43	0° \mathcal{O}	max. Earth dist.	-4781 Aug 10 j 02:22	14° \mathcal{E} 46'13 1.42243 AU	
max. Earth dist.	-4782 Aug 27 j 15:46	1° \mathcal{O} 16'44 1.43705 AU	evening rise	-4781 Aug 16 j 18:34	25° \mathcal{E} 34'14	
desc. node	-4782 Sep 03 j 10:18	12° \mathcal{O} 00'49		-4781 Aug 19 j 14:13	0° \mathcal{O}	
evening rise	-4782 Sep 06 j 10:44	16° \mathcal{O} 42'35	desc. node	-4781 Aug 21 j 07:16	2° \mathcal{O} 39'13	
	-4782 Sep 15 j 03:40	0° Π		-4781 Sep 09 j 02:05	0° Π	
evening max el	-4782 Oct 05 j 01:53	27° Π 12'23 20°44'07	evening max el	-4781 Sep 17 j 21:30	10° Π 37'14 21°57'37	
	-4782 Oct 08 j 04:51	0° Ω	retrograde	-4781 Sep 27 j 01:58	16° Π 04'37	
retrograde	-4782 Oct 13 j 06:06	2° Ω 01'49	evening set	-4781 Oct 01 j 11:06	14° Π 20'06	
evening set	-4782 Oct 17 j 03:02	0° Ω 35'58	asc. node	-4781 Oct 05 j 06:17	10° Π 09'22	
	-4782 Oct 17 j 20:45	30° \mathcal{R} Π	inferior conj	-4781 Oct 06 j 18:45	8° Π 05'13 0°31'00	
asc. node	-4782 Oct 18 j 09:10	29° Π 31'21	minimum elong	-4781 Oct 06 j 18:02	8° Π 07'42 0°30'48	
inferior conj	-4782 Oct 22 j 12:51	24° Π 27'44 1°23'04	min. Earth dist.	-4781 Oct 06 j 22:02	7° Π 53'51 0.67316 AU	
minimum elong	-4782 Oct 22 j 11:01	24° Π 33'59 1°22'23	morning rise	-4781 Oct 12 j 00:50	1° Π 49'58	
min. Earth dist.	-4782 Oct 23 j 02:44	23° Π 40'37 0.66960 AU		-4781 Oct 15 j 11:27	30° \mathcal{R} \mathcal{O}	
morning rise	-4782 Oct 27 j 18:50	18° Π 12'08	direct	-4781 Oct 16 j 19:21	29° \mathcal{O} 51'14	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4781 Oct 18 j 04:18	0°♍		inferior conj	-4780 Sep 20 j 01:18	21°♌46'04	-0°22'13
morning max el	-4781 Oct 26 j 17:28	5°♍46'32	22°51'25	minimum elong	-4780 Sep 20 j 01:49	21°♌44'19	0°21'51
	-4781 Nov 14 j 07:51	0°♌		min. Earth dist.	-4780 Sep 19 j 18:25	22°♌09'45	0.67377 AU
desc. node	-4781 Nov 17 j 07:21	4°♌25'30		asc. node	-4780 Sep 21 j 03:25	20°♌17'03	
morning set	-4781 Nov 29 j 20:25	24°♌08'30		morning rise	-4780 Sep 25 j 09:20	15°♌34'08	
	-4781 Dec 03 j 08:42	0°♍		direct	-4780 Sep 29 j 14:00	13°♌56'19	
max. Earth dist.	-4781 Dec 04 j 18:32	2°♍23'56	1.40160 AU	morning max el	-4780 Oct 08 j 08:46	19°♌08'31	21°28'44
					-4780 Oct 17 j 06:04	0°♍	
superior conj	-4781 Dec 12 j 11:56	16°♍02'48	-1°53'01	desc. node	-4780 Nov 03 j 04:14	24°♍46'53	
minimum elong	-4781 Dec 12 j 11:20	16°♍00'02	1°53'11		-4780 Nov 06 j 13:02	0°♌	
	-4781 Dec 19 j 23:18	0°♌		morning set	-4780 Nov 08 j 11:23	3°♌02'00	
evening rise	-4781 Dec 22 j 04:34	4°♌13'18		max. Earth dist.	-4780 Nov 15 j 20:28	14°♌55'08	1.42093 AU
asc. node	-4780 Jan 01 j 05:03	22°♌13'21					
	-4780 Jan 07 j 02:59	0°♌		superior conj	-4780 Nov 23 j 04:49	27°♌17'58	-1°44'11
evening max el	-4780 Jan 07 j 10:43	0°♌19'09	18°25'16	minimum elong	-4780 Nov 23 j 00:46	27°♌00'30	1°44'02
retrograde	-4780 Jan 14 j 21:23	3°♌59'15			-4780 Nov 24 j 18:11	0°♍	
evening set	-4780 Jan 17 j 10:13	3°♌34'59		evening rise	-4780 Dec 04 j 06:42	17°♍02'16	
	-4780 Jan 23 j 11:30	30°♌♌			-4780 Dec 11 j 12:25	0°♌	
inferior conj	-4780 Jan 24 j 17:41	28°♌59'06	3°58'18	asc. node	-4780 Dec 18 j 02:10	10°♌08'50	
minimum elong	-4780 Jan 24 j 19:36	28°♌55'11	3°57'55	evening max el	-4780 Dec 20 j 20:20	13°♌19'17	18°08'58
min. Earth dist.	-4780 Jan 28 j 02:28	26°♌14'57	0.59137 AU	retrograde	-4780 Dec 27 j 15:40	16°♌48'31	
morning rise	-4780 Feb 01 j 02:56	23°♌33'01		evening set	-4780 Dec 30 j 07:13	16°♌17'14	
direct	-4780 Feb 07 j 10:44	21°♌48'40		inferior conj	-4779 Jan 06 j 01:26	11°♌19'56	4°04'35
desc. node	-4780 Feb 13 j 06:59	23°♌12'56		minimum elong	-4779 Jan 06 j 00:36	11°♌21'53	4°04'19
morning max el	-4780 Feb 21 j 16:25	29°♌22'01	26°47'40	min. Earth dist.	-4779 Jan 09 j 03:43	8°♌25'53	0.61132 AU
	-4780 Feb 22 j 07:49	0°♌		morning rise	-4779 Jan 12 j 16:39	5°♌37'06	
	-4780 Mar 14 j 06:55	0°♌		direct	-4779 Jan 19 j 15:17	3°♌16'53	
morning set	-4780 Mar 22 j 14:56	16°♌18'47		desc. node	-4779 Jan 30 j 04:03	7°♌48'47	
	-4780 Mar 28 j 23:48	0°♌		morning max el	-4779 Feb 02 j 17:04	10°♌57'26	27°32'00
asc. node	-4780 Mar 29 j 04:29	0°♌25'33			-4779 Feb 17 j 15:45	0°♌	
					-4779 Mar 06 j 09:36	0°♌	
superior conj	-4780 Mar 29 j 16:06	1°♌29'07	0°05'03	morning set	-4779 Mar 06 j 22:05	1°♌03'58	
minimum elong	-4780 Mar 29 j 15:53	1°♌27'55	0°04'53	max. Earth dist.	-4779 Mar 13 j 03:16	14°♌16'12	1.32688 AU
behind sun begin	-4780 Mar 29 j 11:06	1°♌01'47					
behind sun end	-4780 Mar 29 j 20:39	1°♌54'03		superior conj	-4779 Mar 14 j 03:26	16°♌27'40	-0°19'50
max. Earth dist.	-4780 Mar 29 j 14:43	1°♌21'32	1.32616 AU	minimum elong	-4779 Mar 14 j 04:19	16°♌32'30	0°19'49
evening rise	-4780 Apr 05 j 16:15	16°♌34'58		asc. node	-4779 Mar 16 j 01:29	20°♌38'56	
	-4780 Apr 12 j 10:32	0°♍			-4779 Mar 20 j 09:29	0°♌	
	-4780 May 02 j 16:19	0°♌		evening rise	-4779 Mar 21 j 03:00	1°♌32'34	
evening max el	-4780 May 04 j 19:59	2°♌10'35	26°22'14		-4779 Apr 05 j 18:43	0°♍	
desc. node	-4780 May 11 j 05:30	7°♌09'27		evening max el	-4779 Apr 16 j 15:03	13°♍21'12	25°07'16
retrograde	-4780 May 18 j 22:05	9°♌29'55		desc. node	-4779 Apr 28 j 02:40	20°♍14'41	
evening set	-4780 May 25 j 04:31	7°♌50'51		retrograde	-4779 Apr 30 j 16:26	20°♍30'13	
min. Earth dist.	-4780 May 29 j 08:58	5°♌08'26	0.59540 AU	evening set	-4779 May 05 j 19:16	19°♍29'29	
inferior conj	-4780 Jun 01 j 18:12	2°♌29'06	-4°10'46	min. Earth dist.	-4779 May 11 j 03:30	16°♍36'14	0.57588 AU
minimum elong	-4780 Jun 01 j 16:51	2°♌31'48	4°10'35	inferior conj	-4779 May 14 j 05:02	14°♍31'14	-3°40'39
	-4780 Jun 05 j 02:44	30°♍♍		minimum elong	-4779 May 14 j 00:27	14°♍39'05	3°39'49
morning rise	-4780 Jun 09 j 07:35	27°♍55'26		morning rise	-4779 May 22 j 08:42	10°♍17'26	
direct	-4780 Jun 11 j 19:49	27°♍32'55		direct	-4779 May 24 j 19:40	9°♍59'27	
	-4780 Jun 18 j 01:10	0°♌		morning max el	-4779 Jun 02 j 13:35	14°♍05'01	19°03'33
morning max el	-4780 Jun 19 j 10:05	1°♌11'27	18°21'58	asc. node	-4779 Jun 12 j 01:17	27°♍05'09	
asc. node	-4780 Jun 25 j 04:15	8°♌23'51			-4779 Jun 13 j 16:39	0°♌	
morning set	-4780 Jul 05 j 12:15	26°♌43'35		morning set	-4779 Jun 19 j 08:01	10°♌46'22	
	-4780 Jul 07 j 05:28	0°♍					
				superior conj	-4779 Jun 27 j 19:15	27°♌24'23	1°47'40
superior conj	-4780 Jul 14 j 20:35	14°♍19'43	1°48'43	minimum elong	-4779 Jun 27 j 18:05	27°♌18'46	1°47'50
minimum elong	-4780 Jul 14 j 21:35	14°♍24'20	1°48'56		-4779 Jun 29 j 03:47	0°♍	
max. Earth dist.	-4780 Jul 22 j 06:46	27°♍31'32	1.40413 AU	max. Earth dist.	-4779 Jul 04 j 08:07	9°♍37'11	1.38474 AU
	-4780 Jul 23 j 17:30	0°♌		evening rise	-4779 Jul 08 j 06:03	16°♍33'53	
evening rise	-4780 Jul 26 j 22:59	5°♌24'46			-4779 Jul 16 j 07:13	0°♌	
desc. node	-4780 Aug 07 j 04:17	23°♌09'00		desc. node	-4779 Jul 25 j 01:19	13°♌25'39	
	-4780 Aug 11 j 19:04	0°♌			-4779 Aug 06 j 06:23	0°♌	
evening max el	-4780 Aug 30 j 11:39	24°♌01'49	23°17'41	evening max el	-4779 Aug 12 j 22:50	7°♌29'36	24°37'49
	-4780 Sep 08 j 10:19	0°♍		retrograde	-4779 Aug 24 j 08:37	14°♌10'14	
retrograde	-4780 Sep 09 j 19:10	0°♍08'24		evening set	-4779 Aug 29 j 22:38	11°♌46'56	
	-4780 Sep 11 j 02:57	30°♍♍		min. Earth dist.	-4779 Sep 03 j 13:27	6°♌27'24	0.67141 AU
evening set	-4780 Sep 14 j 18:13	28°♌04'08		inferior conj	-4779 Sep 04 j 06:52	5°♌29'07	-1°14'57

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4779 Sep 04 j 08:35	5°Ω23'22	1°14'03	evening set	-4778 Aug 13 j 22:19	25°☿26'04	
asc. node	-4779 Sep 08 j 00:33	0°Ω54'58		min. Earth dist.	-4778 Aug 18 j 04:35	20°☿44'09	0.66581 AU
	-4779 Sep 09 j 00:01	30°☿☿		inferior conj	-4778 Aug 19 j 09:35	19°☿11'40	-2°05'31
morning rise	-4779 Sep 09 j 18:30	29°☿23'44		minimum elong	-4778 Aug 19 j 12:21	19°☿02'50	2°04'16
direct	-4779 Sep 13 j 11:17	28°☿04'50		morning rise	-4778 Aug 25 j 02:29	13°☿16'11	
	-4779 Sep 18 j 07:35	0°Ω		asc. node	-4778 Aug 25 j 21:40	12°☿49'23	
morning max el	-4779 Sep 21 j 06:53	2°Ω38'28	20°15'43	direct	-4778 Aug 28 j 09:33	12°☿13'24	
	-4779 Oct 11 j 02:30	0°☿		morning max el	-4778 Sep 04 j 12:01	16°☿16'16	19°16'11
morning set	-4779 Oct 18 j 10:28	11°☿15'42			-4778 Sep 14 j 20:06	0°Ω	
desc. node	-4779 Oct 21 j 01:09	15°☿19'26		morning set	-4778 Sep 27 j 16:35	19°Ω55'34	
max. Earth dist.	-4779 Oct 29 j 05:46	28°☿16'25	1.43631 AU		-4778 Oct 04 j 02:44	0°☿	
	-4779 Oct 30 j 07:33	0°☿		desc. node	-4778 Oct 07 j 22:02	5°☿58'40	
				max. Earth dist.	-4778 Oct 11 j 21:08	12°☿13'38	1.44566 AU
superior conj	-4779 Nov 03 j 19:00	7°☿16'39	-1°19'44	superior conj	-4778 Oct 14 j 06:55	16°☿02'32	-0°39'27
minimum elong	-4779 Nov 03 j 12:22	6°☿49'28	1°19'06	minimum elong	-4778 Oct 14 j 02:06	15°☿43'25	0°38'47
evening rise	-4779 Nov 16 j 16:08	29°☿03'11			-4778 Oct 22 j 23:46	0°☿	
	-4779 Nov 17 j 05:16	0°☿		evening rise	-4778 Oct 29 j 03:59	10°☿05'54	
evening max el	-4779 Dec 04 j 08:50	26°☿33'56	18°12'01		-4778 Nov 10 j 09:56	0°☿	
asc. node	-4779 Dec 04 j 23:17	27°☿09'10		evening max el	-4778 Nov 17 j 21:19	9°☿56'24	18°33'35
	-4779 Dec 10 j 00:13	0°☿		asc. node	-4778 Nov 21 j 20:25	12°☿59'15	
retrograde	-4779 Dec 10 j 22:13	0°☿04'21		retrograde	-4778 Nov 24 j 12:53	13°☿38'22	
	-4779 Dec 11 j 20:15	30°☿☿		evening set	-4778 Nov 27 j 12:26	12°☿48'58	
evening set	-4779 Dec 13 j 17:06	29°☿24'50		inferior conj	-4778 Dec 03 j 11:26	7°☿12'50	3°18'40
inferior conj	-4779 Dec 20 j 00:35	24°☿06'57	3°48'59	minimum elong	-4778 Dec 03 j 08:13	7°☿22'17	3°17'45
minimum elong	-4779 Dec 19 j 22:02	24°☿13'45	3°48'24	min. Earth dist.	-4778 Dec 05 j 10:05	4°☿56'11	0.64538 AU
min. Earth dist.	-4779 Dec 22 j 13:55	21°☿24'28	0.62987 AU	morning rise	-4778 Dec 09 j 03:35	1°☿08'55	
morning rise	-4779 Dec 26 j 02:13	18°☿12'10			-4778 Dec 10 j 16:31	30°☿☿	
direct	-4778 Jan 02 j 04:08	15°☿29'00		direct	-4778 Dec 15 j 23:42	28°☿18'11	
morning max el	-4778 Jan 15 j 23:04	23°☿11'33	27°40'25		-4778 Dec 21 j 19:18	0°☿	
desc. node	-4778 Jan 17 j 01:07	24°☿17'12		morning max el	-4778 Dec 29 j 08:12	5°☿56'53	27°14'31
	-4778 Jan 22 j 02:09	0°☿		desc. node	-4777 Jan 03 j 22:08	12°☿06'04	
	-4778 Feb 10 j 20:20	0°☿			-4777 Jan 16 j 20:28	0°☿	
morning set	-4778 Feb 18 j 23:30	15°☿28'21		morning set	-4777 Feb 02 j 16:16	29°☿22'38	
max. Earth dist.	-4778 Feb 24 j 11:15	26°☿51'45	1.33129 AU		-4777 Feb 02 j 23:55	0°☿	
	-4778 Feb 25 j 22:28	0°☿		max. Earth dist.	-4777 Feb 07 j 11:02	8°☿57'51	1.33973 AU
superior conj	-4778 Feb 26 j 12:40	1°☿16'25	-0°44'19	superior conj	-4777 Feb 10 j 17:56	15°☿49'02	-1°07'22
minimum elong	-4778 Feb 26 j 14:36	1°☿26'45	0°44'09	minimum elong	-4777 Feb 10 j 20:39	16°☿03'18	1°07'10
asc. node	-4778 Mar 02 j 22:30	10°☿47'34			-4777 Feb 17 j 10:29	0°☿	
evening rise	-4778 Mar 05 j 14:38	16°☿28'58		asc. node	-4777 Feb 17 j 19:30	0°☿47'15	
	-4778 Mar 12 j 09:20	0°☿		evening rise	-4777 Feb 18 j 01:24	1°☿18'03	
evening max el	-4778 Mar 29 j 07:17	24°☿08'01	23°36'04		-4777 Mar 06 j 15:00	0°☿	
	-4778 Apr 07 j 01:42	0°☿		evening max el	-4777 Mar 11 j 02:22	4°☿56'47	22°02'40
retrograde	-4778 Apr 11 j 21:55	0°☿53'05		retrograde	-4777 Mar 23 j 15:44	11°☿01'20	
desc. node	-4778 Apr 14 j 23:52	0°☿32'05		evening set	-4777 Mar 26 j 11:12	10°☿43'49	
evening set	-4778 Apr 15 j 17:18	0°☿21'15		desc. node	-4777 Apr 01 j 21:04	8°☿14'45	
	-4778 Apr 16 j 20:40	30°☿☿		inferior conj	-4777 Apr 04 j 19:27	6°☿37'40	-0°48'15
min. Earth dist.	-4778 Apr 22 j 18:48	27°☿05'24	0.56058 AU	minimum elong	-4777 Apr 04 j 17:14	6°☿40'47	0°47'37
inferior conj	-4778 Apr 24 j 19:54	25°☿51'40	-2°32'04	min. Earth dist.	-4777 Apr 04 j 08:53	6°☿52'32	0.55263 AU
minimum elong	-4778 Apr 24 j 14:20	26°☿00'03	2°30'32	morning rise	-4777 Apr 14 j 00:21	2°☿38'13	
morning rise	-4778 May 03 j 14:07	21°☿51'29		direct	-4777 Apr 16 j 16:24	2°☿22'12	
direct	-4778 May 06 j 01:03	21°☿36'16		morning max el	-4777 Apr 28 j 15:08	8°☿00'54	21°26'12
morning max el	-4778 May 16 j 07:45	26°☿23'19	20°05'28		-4777 May 13 j 18:37	0°☿	
	-4778 May 19 j 16:15	0°☿		asc. node	-4777 May 16 j 19:16	5°☿55'53	
asc. node	-4778 May 29 j 22:17	16°☿18'31		morning set	-4777 May 18 j 19:27	10°☿01'30	
morning set	-4778 Jun 03 j 11:14	25°☿14'39					
	-4778 Jun 05 j 19:19	0°☿		superior conj	-4777 May 26 j 05:51	25°☿32'50	1°23'42
superior conj	-4778 Jun 11 j 07:41	11°☿12'38	1°38'34	minimum elong	-4777 May 26 j 03:07	25°☿18'40	1°23'26
minimum elong	-4778 Jun 11 j 05:19	11°☿00'44	1°38'32		-4777 May 28 j 09:46	0°☿	
max. Earth dist.	-4778 Jun 16 j 12:25	21°☿24'05	1.36663 AU	max. Earth dist.	-4777 May 30 j 00:57	3°☿18'21	1.35142 AU
evening rise	-4778 Jun 20 j 12:43	28°☿54'02		evening rise	-4777 Jun 03 j 13:36	12°☿10'43	
	-4778 Jun 21 j 03:13	0°☿			-4777 Jun 13 j 12:43	0°☿	
	-4778 Jun 09 j 13:33	0°☿		desc. node	-4777 Jun 28 j 19:29	22°☿50'50	
desc. node	-4778 Jul 11 j 22:23	3°☿22'27			-4777 Jul 04 j 15:21	0°☿	
evening max el	-4778 Jul 26 j 09:31	21°☿00'00	25°50'11	evening max el	-4777 Jul 08 j 20:42	4°☿27'49	26°46'32
retrograde	-4778 Aug 07 j 17:28	28°☿05'02		retrograde	-4777 Jul 21 j 21:22	11°☿47'04	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4777 Jul 28 j 15:00	8° ☿ 59'16		evening max el	-4776 Jun 20 j 07:38	17° ♊ 42'43	27°19'30
min. Earth dist.	-4777 Aug 01 j 13:27	4° ☿ 56'04	0.65661 AU	retrograde	-4776 Jul 03 j 19:58	25° ♊ 07'57	
inferior conj	-4777 Aug 03 j 07:29	2° ☿ 51'07	-2°51'56	evening set	-4776 Jul 10 j 21:48	22° ♊ 22'15	
minimum elong	-4777 Aug 03 j 10:57	2° ☿ 40'47	2°50'37	min. Earth dist.	-4776 Jul 14 j 14:05	18° ♊ 55'16	0.64346 AU
	-4777 Aug 05 j 19:43	30° ♊		inferior conj	-4776 Jul 16 j 22:10	16° ♊ 22'56	-3°31'38
morning rise	-4777 Aug 09 j 07:12	27° ♊ 08'47		minimum elong	-4776 Jul 17 j 01:43	16° ♊ 13'15	3°30'36
direct	-4777 Aug 12 j 06:48	26° ♊ 19'04		morning rise	-4776 Jul 23 j 06:18	10° ♊ 56'47	
asc. node	-4777 Aug 12 j 18:47	26° ♊ 20'26		direct	-4776 Jul 26 j 00:34	10° ♊ 17'18	
	-4777 Aug 18 j 22:44	0° ☿		asc. node	-4776 Jul 29 j 15:50	11° ♊ 25'03	
morning max el	-4777 Aug 18 j 22:46	0° ☿ 00'05	18°32'23	morning max el	-4776 Aug 01 j 12:49	13° ♊ 45'18	18°05'40
morning set	-4777 Sep 07 j 22:31	29° ☿ 46'29			-4776 Aug 12 j 20:37	0° ☿	
	-4777 Sep 08 j 01:51	0° ♊		morning set	-4776 Aug 19 j 07:29	10° ☿ 54'54	
					-4776 Aug 30 j 18:09	0° ♊	
superior conj	-4777 Sep 23 j 06:11	24° ♊ 16'46	0°09'39	superior conj	-4776 Sep 01 j 15:48	3° ♊ 05'22	0°54'52
minimum elong	-4777 Sep 23 j 07:28	24° ♊ 21'47	0°09'39	minimum elong	-4776 Sep 01 j 21:24	3° ♊ 27'59	0°54'25
behind sun begin	-4777 Sep 22 j 22:13	23° ♊ 45'17		max. Earth dist.	-4776 Sep 06 j 08:17	10° ♊ 36'24	1.44286 AU
behind sun end	-4777 Sep 23 j 16:42	24° ♊ 58'16		desc. node	-4776 Sep 10 j 15:50	17° ♊ 25'35	
max. Earth dist.	-4777 Sep 24 j 15:14	26° ♊ 27'08	1.44789 AU	evening rise	-4776 Sep 18 j 03:09	29° ♊ 04'20	
desc. node	-4777 Sep 24 j 18:54	26° ♊ 41'37			-4776 Sep 18 j 17:33	0° ♊	
	-4777 Sep 26 j 21:16	0° ♊		greatest brilliancy	-4776 Oct 01 j 16:52	19° ♊ 45'12	-0.6m
evening rise	-4777 Oct 09 j 14:50	20° ♊ 03'52			-4776 Oct 08 j 21:16	0° ♊	
	-4777 Oct 15 j 21:46	0° ♊		evening max el	-4776 Oct 14 j 12:31	6° ♊ 48'20	20°06'45
greatest brilliancy	-4777 Oct 18 j 14:28	4° ♊ 13'51	-0.8m	retrograde	-4776 Oct 22 j 05:16	11° ♊ 19'05	
evening max el	-4777 Nov 01 j 07:14	23° ♊ 21'57	19°12'23	evening set	-4776 Oct 25 j 20:02	10° ♊ 03'03	
retrograde	-4777 Nov 08 j 08:10	27° ♊ 24'25		asc. node	-4776 Oct 25 j 14:41	10° ♊ 12'10	
asc. node	-4777 Nov 08 j 17:33	27° ♊ 23'32		inferior conj	-4776 Oct 31 j 07:49	4° ♊ 00'01	1°51'54
evening set	-4777 Nov 11 j 14:13	26° ♊ 23'00		minimum elong	-4776 Oct 31 j 05:26	4° ♊ 07'59	1°51'01
inferior conj	-4777 Nov 17 j 06:44	20° ♊ 31'40	2°38'30	min. Earth dist.	-4776 Nov 01 j 04:14	2° ♊ 51'58	0.66604 AU
minimum elong	-4777 Nov 17 j 03:39	20° ♊ 41'24	2°37'28		-4776 Nov 03 j 10:38	30° ♊	
min. Earth dist.	-4777 Nov 18 j 15:29	18° ♊ 48'05	0.65741 AU	morning rise	-4776 Nov 05 j 14:36	27° ♊ 45'11	
morning rise	-4777 Nov 22 j 16:49	14° ♊ 21'00		direct	-4776 Nov 11 j 08:54	25° ♊ 14'18	
direct	-4777 Nov 29 j 01:27	11° ♊ 35'39			-4776 Nov 20 j 18:39	0° ♊	
morning max el	-4777 Dec 11 j 17:58	19° ♊ 01'04	26°20'02	morning max el	-4776 Nov 23 j 02:56	2° ♊ 13'16	25°05'33
	-4777 Dec 21 j 03:33	0° ♊		desc. node	-4776 Dec 07 j 15:58	20° ♊ 15'59	
desc. node	-4777 Dec 21 j 19:04	0° ♊ 51'05			-4776 Dec 14 j 06:55	0° ♊	
	-4776 Jan 09 j 20:43	0° ♊		morning set	-4776 Dec 29 j 06:57	24° ♊ 47'07	
morning set	-4776 Jan 16 j 20:27	12° ♊ 33'41			-4775 Jan 01 j 03:59	0° ♊	
max. Earth dist.	-4776 Jan 20 j 23:30	20° ♊ 28'38	1.35257 AU	max. Earth dist.	-4775 Jan 02 j 00:48	1° ♊ 36'12	1.36966 AU
superior conj	-4776 Jan 25 j 16:49	29° ♊ 56'59	-1°27'42	superior conj	-4775 Jan 08 j 06:23	13° ♊ 32'01	-1°43'30
minimum elong	-4776 Jan 25 j 19:50	0° ♊ 12'28	1°27'35	minimum elong	-4775 Jan 08 j 08:56	13° ♊ 44'36	1°43'33
	-4776 Jan 25 j 17:24	0° ♊			-4775 Jan 16 j 11:26	0° ♊	
evening rise	-4776 Feb 02 j 09:24	15° ♊ 52'24		evening rise	-4775 Jan 16 j 12:37	0° ♊ 05'58	
asc. node	-4776 Feb 04 j 16:31	20° ♊ 32'21		asc. node	-4775 Jan 21 j 13:33	9° ♊ 57'09	
	-4776 Feb 09 j 15:32	0° ♊		evening max el	-4775 Feb 02 j 19:19	27° ♊ 57'52	19°31'36
evening max el	-4776 Feb 21 j 05:35	16° ♊ 09'41	20°38'52		-4775 Feb 05 j 06:23	0° ♊	
retrograde	-4776 Mar 03 j 05:47	21° ♊ 23'29		retrograde	-4775 Feb 12 j 03:49	2° ♊ 24'03	
evening set	-4776 Mar 05 j 14:48	21° ♊ 09'51		evening set	-4775 Feb 14 j 12:27	2° ♊ 08'23	
inferior conj	-4776 Mar 14 j 15:22	17° ♊ 11'41	1°07'14		-4775 Feb 19 j 17:29	30° ♊	
minimum elong	-4776 Mar 14 j 18:17	17° ♊ 07'25	1°06'04	inferior conj	-4775 Feb 22 j 21:34	28° ♊ 02'38	2°42'40
min. Earth dist.	-4776 Mar 15 j 22:59	16° ♊ 25'46	0.55379 AU	minimum elong	-4775 Feb 23 j 02:42	27° ♊ 54'17	2°41'08
desc. node	-4776 Mar 18 j 18:14	14° ♊ 53'22		min. Earth dist.	-4775 Feb 25 j 13:43	26° ♊ 19'14	0.56380 AU
morning rise	-4776 Mar 23 j 20:35	12° ♊ 54'42		morning rise	-4775 Mar 03 j 14:23	23° ♊ 16'44	
direct	-4776 Mar 27 j 05:01	12° ♊ 30'14		desc. node	-4775 Mar 05 j 15:21	22° ♊ 44'27	
morning max el	-4776 Apr 09 j 12:32	18° ♊ 59'53	23°00'52	direct	-4775 Mar 08 j 02:59	22° ♊ 30'14	
	-4776 Apr 18 j 13:09	0° ♊		morning max el	-4775 Mar 22 j 04:03	29° ♊ 37'00	24°39'24
morning set	-4776 May 02 j 06:33	24° ♊ 59'15			-4775 Mar 22 j 13:33	0° ♊	
asc. node	-4776 May 02 j 16:13	25° ♊ 49'49			-4775 Apr 11 j 19:50	0° ♊	
	-4776 May 04 j 15:34	0° ♊		morning set	-4775 Apr 16 j 18:47	10° ♊ 01'55	
superior conj	-4776 May 09 j 10:34	10° ♊ 14'16	1°04'43	asc. node	-4775 Apr 19 j 13:10	15° ♊ 55'07	
minimum elong	-4776 May 09 j 08:06	10° ♊ 01'07	1°04'19	superior conj	-4775 Apr 23 j 19:30	25° ♊ 09'08	0°42'52
max. Earth dist.	-4776 May 11 j 23:11	15° ♊ 34'16	1.33979 AU	minimum elong	-4775 Apr 23 j 17:43	24° ♊ 59'28	0°42'29
evening rise	-4776 May 17 j 03:39	26° ♊ 08'28		max. Earth dist.	-4775 Apr 25 j 05:50	28° ♊ 14'32	1.33181 AU
	-4776 May 19 j 03:06	0° ♊			-4775 Apr 26 j 01:29	0° ♊	
	-4776 Jun 05 j 21:37	0° ♊		evening rise	-4775 May 01 j 02:58	10° ♊ 35'13	
desc. node	-4776 Jun 14 j 16:37	11° ♊ 38'14					

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4775 May 11 j 10:22	0°♄			-4774 May 05 j 03:43	0°♄	
desc. node	-4775 Jun 01 j 13:47	29°♄27'03		evening max el	-4774 May 15 j 21:16	12°♄48'12	26°53'40
	-4775 Jun 02 j 03:00	0°♄		desc. node	-4774 May 19 j 10:57	15°♄53'03	
evening max el	-4775 Jun 02 j 16:37	0°♄33'04	27°22'55	retrograde	-4774 May 29 j 21:48	20°♄09'41	
retrograde	-4775 Jun 16 j 12:35	7°♄58'08		evening set	-4774 Jun 05 j 14:59	18°♄09'39	
evening set	-4775 Jun 23 j 15:08	5°♄28'27		min. Earth dist.	-4774 Jun 09 j 10:49	15°♄25'57	0.60716 AU
min. Earth dist.	-4775 Jun 27 j 05:13	2°♄29'47	0.62666 AU	inferior conj	-4774 Jun 12 j 18:02	12°♄37'15	-4°13'50
	-4775 Jun 29 j 18:57	30°♄		minimum elong	-4774 Jun 12 j 18:29	12°♄36'18	4°13'41
inferior conj	-4775 Jun 30 j 02:48	29°♄40'46	-4°00'50	morning rise	-4774 Jun 19 j 23:50	7°♄50'44	
minimum elong	-4775 Jun 30 j 05:27	29°♄34'18	4°00'18	direct	-4774 Jun 22 j 12:52	7°♄25'06	
morning rise	-4775 Jul 06 j 20:55	24°♄33'24		morning max el	-4774 Jun 29 j 16:04	10°♄54'56	18°07'08
direct	-4775 Jul 09 j 11:49	24°♄01'42		asc. node	-4774 Jul 03 j 09:55	15°♄18'03	
morning max el	-4775 Jul 16 j 03:29	27°♄25'41	17°56'57		-4774 Jul 12 j 07:42	0°♄	
asc. node	-4775 Jul 16 j 12:52	27°♄49'19		morning set	-4774 Jul 15 j 16:40	6°♄14'06	
	-4775 Jul 18 j 10:44	0°♄					
morning set	-4775 Aug 01 j 15:20	23°♄08'34		superior conj	-4774 Jul 25 j 16:45	24°♄34'04	1°44'34
	-4775 Aug 05 j 12:07	0°♄		minimum elong	-4774 Jul 25 j 19:22	24°♄45'44	1°44'42
					-4774 Jul 28 j 18:51	0°♄	
superior conj	-4775 Aug 13 j 02:41	13°♄09'05	1°27'07	max. Earth dist.	-4774 Aug 02 j 05:35	7°♄36'03	1.41502 AU
minimum elong	-4775 Aug 13 j 07:59	13°♄31'25	1°26'54	evening rise	-4774 Aug 07 j 21:51	16°♄56'17	
max. Earth dist.	-4775 Aug 19 j 21:31	24°♄23'40	1.43137 AU	desc. node	-4774 Aug 15 j 09:48	28°♄42'37	
	-4775 Aug 23 j 09:07	0°♄			-4774 Aug 16 j 06:05	0°♄	
evening rise	-4775 Aug 28 j 06:38	7°♄43'01			-4774 Sep 06 j 20:54	0°♄	
desc. node	-4775 Aug 28 j 12:48	8°♄07'00		evening max el	-4774 Sep 10 j 05:04	3°♄39'10	22°31'15
	-4775 Sep 12 j 00:49	0°♄		retrograde	-4774 Sep 19 j 20:46	9°♄22'48	
evening max el	-4775 Sep 27 j 11:48	20°♄13'53	21°14'19	evening set	-4774 Sep 24 j 11:40	7°♄30'03	
retrograde	-4775 Oct 06 j 02:00	25°♄19'11		asc. node	-4774 Sep 29 j 08:59	1°♄47'57	
evening set	-4775 Oct 10 j 03:47	23°♄45'52		inferior conj	-4774 Sep 29 j 18:55	1°♄13'40	0°08'29
asc. node	-4775 Oct 12 j 11:49	21°♄29'46		minimum elong	-4774 Sep 29 j 18:43	1°♄14'22	0°08'31
inferior conj	-4775 Oct 15 j 12:30	17°♄34'31	1°01'15	transit middle	-4774 Sep 29 j 18:43	1°♄14'22	0°08'31
minimum elong	-4775 Oct 15 j 11:07	17°♄39'15	1°00'44	transit begin	-4774 Sep 29 j 16:24	1°♄22'19	
min. Earth dist.	-4775 Oct 15 j 21:52	17°♄02'23	0.67146 AU	transit end	-4774 Sep 29 j 21:01	1°♄06'25	
morning rise	-4775 Oct 20 j 18:16	11°♄18'30		min. Earth dist.	-4774 Sep 29 j 17:55	1°♄17'05	0.67387 AU
direct	-4775 Oct 25 j 21:26	9°♄07'13			-4774 Sep 30 j 16:21	30°♄	
morning max el	-4775 Nov 05 j 11:55	15°♄27'31	23°40'51	morning rise	-4774 Oct 05 j 01:37	24°♄59'31	
	-4775 Nov 17 j 09:43	0°♄		direct	-4774 Oct 09 j 14:09	23°♄09'37	
desc. node	-4775 Nov 24 j 12:53	10°♄08'55		morning max el	-4774 Oct 19 j 00:00	28°♄45'45	22°15'17
	-4775 Dec 07 j 06:38	0°♄			-4774 Oct 20 j 04:18	0°♄	
morning set	-4775 Dec 10 j 17:38	5°♄46'20		desc. node	-4774 Nov 11 j 09:48	0°♄21'59	
max. Earth dist.	-4775 Dec 14 j 20:31	12°♄53'07	1.38973 AU		-4774 Nov 11 j 04:00	0°♄	
				morning set	-4774 Nov 21 j 00:00	15°♄22'29	
superior conj	-4775 Dec 22 j 06:43	26°♄23'18	-1°52'21	max. Earth dist.	-4774 Nov 26 j 19:06	24°♄54'56	1.41024 AU
minimum elong	-4775 Dec 22 j 07:40	26°♄27'42	1°52'31		-4774 Nov 29 j 18:54	0°♄	
	-4775 Dec 24 j 04:34	0°♄					
evening rise	-4775 Dec 31 j 08:35	13°♄52'08		superior conj	-4774 Dec 04 j 12:47	8°♄18'03	-1°51'00
asc. node	-4774 Jan 08 j 10:37	28°♄54'25		minimum elong	-4774 Dec 04 j 10:47	8°♄09'08	1°51'04
	-4774 Jan 09 j 02:12	0°♄		evening rise	-4774 Dec 14 j 18:18	27°♄04'29	
evening max el	-4774 Jan 16 j 18:44	10°♄19'41	18°43'44		-4774 Dec 16 j 07:56	0°♄	
retrograde	-4774 Jan 24 j 18:44	14°♄11'43		asc. node	-4774 Dec 26 j 07:43	17°♄15'35	
evening set	-4774 Jan 27 j 06:12	13°♄50'55		evening max el	-4774 Dec 31 j 01:27	23°♄08'11	18°15'54
inferior conj	-4774 Feb 03 j 22:30	9°♄27'25	3°41'15	retrograde	-4773 Jan 07 j 04:06	26°♄41'46	
minimum elong	-4774 Feb 04 j 02:05	9°♄20'41	3°40'29	evening set	-4773 Jan 09 j 18:14	26°♄14'29	
min. Earth dist.	-4774 Feb 07 j 06:01	6°♄59'30	0.58029 AU	inferior conj	-4773 Jan 16 j 19:41	21°♄29'15	4°04'12
morning rise	-4774 Feb 11 j 19:34	4°♄14'21		minimum elong	-4773 Jan 16 j 20:20	21°♄27'49	4°03'56
direct	-4774 Feb 17 j 14:02	2°♄52'31		min. Earth dist.	-4773 Jan 20 j 02:48	18°♄38'16	0.59992 AU
desc. node	-4774 Feb 20 j 12:26	3°♄13'33		morning rise	-4773 Jan 23 j 20:48	15°♄55'38	
morning max el	-4774 Mar 03 j 19:44	10°♄19'04	26°07'34	direct	-4773 Jan 30 j 12:32	13°♄55'04	
	-4774 Mar 18 j 20:52	0°♄		desc. node	-4773 Feb 07 j 09:32	16°♄28'02	
morning set	-4774 Apr 01 j 06:30	25°♄03'28		morning max el	-4773 Feb 13 j 16:36	21°♄31'11	27°10'54
	-4774 Apr 03 j 14:22	0°♄			-4773 Feb 21 j 03:12	0°♄	
asc. node	-4774 Apr 06 j 10:09	6°♄07'15			-4773 Mar 11 j 16:46	0°♄	
				morning set	-4773 Mar 16 j 15:52	9°♄56'38	
superior conj	-4774 Apr 08 j 06:42	10°♄10'38	0°19'11				
minimum elong	-4774 Apr 08 j 05:52	10°♄06'04	0°18'55	superior conj	-4773 Mar 23 j 18:26	25°♄11'48	-0°05'31
max. Earth dist.	-4774 Apr 08 j 17:53	11°♄11'45	1.32725 AU	minimum elong	-4773 Mar 23 j 18:41	25°♄13'10	0°05'36
evening rise	-4774 Apr 15 j 08:33	25°♄20'59		behind sun begin	-4773 Mar 23 j 13:58	24°♄47'24	
	-4774 Apr 17 j 15:14	0°♄		behind sun end	-4773 Mar 23 j 23:23	25°♄38'57	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

max. Earth dist.	-4773 Mar 23 j 07:29	24° \approx 11'58	1.32604 AU	superior conj	-4772 Mar 07 j 05:04	10° \approx 06'59	-0°30'19
asc. node	-4773 Mar 24 j 07:08	26° \approx 21'17		minimum elong	-4772 Mar 07 j 06:25	10° \approx 14'16	0°30'14
	-4773 Mar 25 j 23:09	0° H		asc. node	-4772 Mar 10 j 04:07	16° \approx 33'15	
evening rise	-4773 Mar 30 j 17:58	10° H 16'23		evening rise	-4772 Mar 14 j 05:20	25° \approx 14'28	
	-4773 Apr 09 j 23:36	0° Y			-4772 Mar 16 j 12:23	0° H	
evening max el	-4773 Apr 27 j 19:40	24° Y 20'43	25°53'14		-4772 Apr 03 j 16:13	0° Y	
	-4773 May 05 j 12:37	0° B		evening max el	-4772 Apr 08 j 12:43	5° Y 17'38	24°29'33
desc. node	-4773 May 06 j 08:08	0° B 22'27		retrograde	-4772 Apr 22 j 10:53	12° Y 18'55	
retrograde	-4773 May 11 j 21:52	1° B 36'02		desc. node	-4772 Apr 22 j 05:18	12° Y 18'47	
evening set	-4773 May 17 j 17:52	0° B 13'42		evening set	-4772 Apr 27 j 00:25	11° Y 31'52	
	-4773 May 18 j 05:22	30° R Y		min. Earth dist.	-4772 May 03 j 00:42	8° Y 30'31	0.56867 AU
min. Earth dist.	-4773 May 22 j 08:14	27° Y 28'38	0.58684 AU	inferior conj	-4772 May 05 j 18:12	6° Y 45'30	-3°16'29
inferior conj	-4773 May 25 j 16:05	25° Y 01'33	-4°02'20	minimum elong	-4772 May 05 j 12:44	6° Y 54'19	3°15'16
minimum elong	-4773 May 25 j 13:16	25° Y 06'46	4°01'58	morning rise	-4772 May 14 j 04:15	2° Y 39'04	
morning rise	-4773 Jun 02 j 11:21	20° Y 36'39		direct	-4772 May 16 j 14:58	2° Y 22'33	
direct	-4773 Jun 04 j 23:14	20° Y 16'02		morning max el	-4772 May 25 j 23:30	6° Y 43'34	19°27'31
morning max el	-4773 Jun 12 j 23:40	24° Y 03'59	18°37'09	asc. node	-4772 Jun 06 j 03:57	22° Y 32'04	
	-4773 Jun 17 j 22:23	0° B			-4772 Jun 10 j 02:47	0° B	
asc. node	-4773 Jun 20 j 06:57	3° B 36'13		morning set	-4772 Jun 12 j 06:01	4° B 13'12	
morning set	-4773 Jun 29 j 06:47	19° B 58'47					
	-4773 Jul 04 j 11:09	0° II		superior conj	-4772 Jun 20 j 10:17	20° B 32'11	1°44'39
superior conj	-4773 Jul 08 j 05:11	7° II 07'06	1°49'25	minimum elong	-4772 Jun 20 j 08:30	20° B 23'23	1°44'44
minimum elong	-4773 Jul 08 j 05:09	7° II 06'57	1°49'39		-4772 Jun 25 j 08:44	0° II	
max. Earth dist.	-4773 Jul 15 j 08:42	20° II 05'30	1.39595 AU	max. Earth dist.	-4772 Jun 26 j 10:27	1° II 59'42	1.37674 AU
evening rise	-4773 Jul 19 j 13:36	27° II 20'00		evening rise	-4772 Jun 30 j 07:14	9° II 00'31	
	-4773 Jul 21 j 03:46	0° B			-4772 Jul 12 j 22:49	0° B	
desc. node	-4773 Aug 02 j 06:51	19° B 07'44		desc. node	-4772 Jul 19 j 03:54	9° B 17'01	
	-4773 Aug 09 j 19:56	0° Q		evening max el	-4772 Aug 04 j 14:45	0° Q	
evening max el	-4773 Aug 23 j 17:42	17° Q 05'11	23°52'08		-4772 Aug 05 j 04:13	0° Q 33'41	25°09'56
retrograde	-4773 Sep 03 j 12:24	23° Q 26'36		retrograde	-4772 Aug 17 j 00:03	7° Q 26'27	
evening set	-4773 Sep 08 j 17:54	21° Q 13'49		evening set	-4772 Aug 22 j 20:34	4° Q 55'34	
min. Earth dist.	-4773 Sep 13 j 13:56	15° Q 34'10	0.67323 AU		-4772 Aug 27 j 05:04	30° R B	
inferior conj	-4773 Sep 14 j 01:16	14° Q 55'36	-0°44'46	min. Earth dist.	-4772 Aug 27 j 07:32	29° B 51'57	0.66946 AU
minimum elong	-4773 Sep 14 j 02:18	14° Q 52'04	0°44'09	inferior conj	-4772 Aug 28 j 05:50	28° B 38'40	-1°36'49
asc. node	-4773 Sep 16 j 06:08	12° Q 01'22		minimum elong	-4772 Aug 28 j 08:01	28° B 31'27	1°35'44
morning rise	-4773 Sep 19 j 10:39	8° Q 46'20		asc. node	-4772 Sep 02 j 03:16	23° B 07'27	
direct	-4773 Sep 23 j 10:02	7° Q 16'55		morning rise	-4772 Sep 02 j 19:32	22° B 37'18	
morning max el	-4773 Oct 01 j 18:09	12° Q 11'22	20°56'12	direct	-4772 Sep 06 j 07:49	21° B 25'51	
	-4773 Oct 15 j 10:47	0° P		morning max el	-4772 Sep 13 j 19:29	25° B 45'27	19°48'33
desc. node	-4773 Oct 29 j 06:43	20° P 49'01			-4772 Sep 17 j 11:39	0° Q	
morning set	-4773 Oct 31 j 05:56	23° P 52'30			-4772 Oct 07 j 19:42	0° P	
	-4773 Nov 04 j 03:22	0° A		morning set	-4772 Oct 09 j 05:09	2° P 09'40	
max. Earth dist.	-4773 Nov 09 j 00:49	7° A 51'24	1.42813 AU	desc. node	-4772 Oct 15 j 03:36	11° P 24'59	
				max. Earth dist.	-4772 Oct 21 j 12:56	21° P 29'59	1.44106 AU
superior conj	-4773 Nov 15 j 18:47	19° A 01'52	-1°35'50	superior conj	-4772 Oct 25 j 21:02	28° P 26'57	-1°04'21
minimum elong	-4773 Nov 15 j 13:19	18° A 38'51	1°35'29	minimum elong	-4772 Oct 25 j 14:28	28° P 00'29	1°03'36
	-4773 Nov 22 j 03:54	0° M			-4772 Oct 26 j 20:03	0° A	
evening rise	-4773 Nov 27 j 13:56	9° M 34'54		evening rise	-4772 Nov 08 j 14:47	21° A 12'32	
	-4773 Dec 09 j 13:48	0° J			-4772 Nov 13 j 19:15	0° M	
asc. node	-4773 Dec 13 j 04:50	4° J 49'40		evening max el	-4772 Nov 27 j 01:21	19° M 33'56	18°18'59
evening max el	-4773 Dec 14 j 12:37	6° J 15'32	18°07'53	asc. node	-4772 Nov 29 j 01:58	21° M 22'11	
retrograde	-4773 Dec 21 j 04:24	9° J 44'13		retrograde	-4772 Dec 03 j 14:57	23° M 08'29	
evening set	-4773 Dec 23 j 21:13	9° J 09'34		evening set	-4772 Dec 06 j 11:29	22° M 25'10	
inferior conj	-4773 Dec 30 j 10:31	4° J 02'56	4°00'10	inferior conj	-4772 Dec 12 j 15:07	16° M 59'11	3°37'34
minimum elong	-4773 Dec 30 j 08:49	4° J 07'11	3°59'48	minimum elong	-4772 Dec 12 j 12:09	17° M 07'25	3°36'51
min. Earth dist.	-4772 Jan 02 j 07:36	1° J 11'47	0.61946 AU	min. Earth dist.	-4772 Dec 14 j 22:14	14° M 26'10	0.63683 AU
	-4772 Jan 03 j 14:45	30° R M		morning rise	-4772 Dec 18 j 12:12	10° M 59'54	
morning rise	-4772 Jan 05 j 19:24	28° M 14'27		direct	-4772 Dec 25 j 12:25	8° M 11'36	
direct	-4772 Jan 12 j 20:29	25° M 42'59		morning max el	-4771 Jan 08 j 03:50	15° M 54'24	27°33'20
	-4772 Jan 22 j 23:08	0° J		desc. node	-4771 Jan 11 j 03:36	19° M 02'52	
desc. node	-4772 Jan 25 j 06:35	1° J 56'44			-4771 Jan 19 j 20:25	0° J	
morning max el	-4772 Jan 26 j 19:59	3° J 24'46	27°40'09		-4771 Feb 07 j 05:38	0° B	
	-4772 Feb 15 j 14:10	0° B		morning set	-4771 Feb 11 j 19:01	8° B 47'23	
morning set	-4772 Feb 28 j 20:54	24° B 34'27		max. Earth dist.	-4771 Feb 16 j 23:38	19° B 25'06	1.33433 AU
	-4772 Mar 02 j 11:46	0° \approx					
max. Earth dist.	-4772 Mar 05 j 18:47	7° \approx 01'23	1.32829 AU	superior conj	-4771 Feb 19 j 12:50	24° B 49'29	-0°54'20

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4771 Feb 19 j 15:08	25° Z 01'44	0°54'10	minimum elong	-4770 Feb 03 j 18:35	9° Z 27'47	1°16'16
	-4771 Feb 21 j 22:45	0° \approx		evening rise	-4770 Feb 11 j 02:32	24° Z 51'19	
asc. node	-4771 Feb 25 j 01:06	6° \approx 38'26		asc. node	-4770 Feb 11 j 22:06	26° Z 32'27	
evening rise	-4771 Feb 26 j 16:46	10° \approx 08'05			-4770 Feb 13 j 14:53	0° \approx	
	-4771 Mar 09 j 02:16	0° X		evening max el	-4770 Mar 03 j 03:21	26° \approx 58'26	21°25'19
evening max el	-4771 Mar 21 j 05:12	16° X 01'11	22°55'46		-4770 Mar 06 j 21:34	0° X	
retrograde	-4771 Apr 03 j 11:24	22° X 31'39		retrograde	-4770 Mar 15 j 01:59	2° X 41'21	
evening set	-4771 Apr 06 j 18:48	22° X 07'41		evening set	-4770 Mar 17 j 15:12	2° X 26'35	
desc. node	-4771 Apr 09 j 02:27	21° X 24'23			-4770 Mar 24 j 01:40	30° $\text{R}\approx$	
min. Earth dist.	-4771 Apr 14 j 15:28	18° X 38'20	0.55609 AU	inferior conj	-4770 Mar 26 j 21:41	28° \approx 26'25	0°01'20
inferior conj	-4771 Apr 16 j 01:27	17° X 49'03	-1°51'21	minimum elong	-4770 Mar 26 j 21:44	28° \approx 26'21	0°01'10
minimum elong	-4771 Apr 15 j 20:48	17° X 55'48	1°49'58	transit middle	-4770 Mar 26 j 21:44	28° \approx 26'21	0°01'10
morning rise	-4771 Apr 25 j 01:03	13° X 51'12		transit begin	-4770 Mar 26 j 17:38	28° \approx 32'07	
direct	-4771 Apr 27 j 12:51	13° X 36'25		transit end	-4770 Mar 27 j 01:50	28° \approx 20'34	
morning max el	-4771 May 08 j 13:12	18° X 45'06	20°37'48	desc. node	-4770 Mar 26 j 23:37	28° \approx 23'41	
	-4771 May 17 j 08:50	0° Y		min. Earth dist.	-4770 Mar 27 j 05:46	28° \approx 15'01	0.55196 AU
asc. node	-4771 May 24 j 00:56	11° Y 56'18		morning rise	-4770 Apr 05 j 04:13	24° \approx 21'11	
morning set	-4771 May 27 j 11:35	18° Y 49'51		direct	-4770 Apr 08 j 01:42	24° \approx 02'44	
	-4771 Jun 01 j 21:33	0° Z		morning max el	-4770 Apr 20 j 15:57	0° X 04'47	22°05'16
					-4770 Apr 20 j 13:55	0° X	
superior conj	-4771 Jun 04 j 03:17	4° Z 35'25	1°32'52		-4770 May 10 j 02:02	0° Y	
minimum elong	-4771 Jun 04 j 00:40	4° Z 22'06	1°32'43	asc. node	-4770 May 10 j 21:52	1° Y 41'13	
max. Earth dist.	-4771 Jun 08 j 17:17	13° Z 44'48	1.35967 AU	morning set	-4770 May 11 j 21:13	3° Y 41'43	
evening rise	-4771 Jun 12 j 22:18	21° Z 46'44					
	-4771 Jun 17 j 11:14	0° II		superior conj	-4770 May 19 j 04:31	19° Y 05'20	1°16'03
desc. node	-4771 Jul 06 j 00:58	29° II 03'18		minimum elong	-4770 May 19 j 01:49	18° Y 51'14	1°15'44
	-4771 Jul 06 j 17:40	0° E		max. Earth dist.	-4770 May 22 j 09:51	25° Y 46'42	1.34599 AU
evening max el	-4771 Jul 18 j 14:57	14° E 03'57	26°16'38		-4770 May 24 j 11:51	0° Z	
retrograde	-4771 Jul 31 j 07:05	21° E 17'09		evening rise	-4770 May 27 j 05:18	5° Z 22'35	
evening set	-4771 Aug 06 j 17:37	18° E 33'21			-4770 Jun 10 j 04:16	0° II	
min. Earth dist.	-4771 Aug 10 j 20:23	14° E 07'48	0.66228 AU	desc. node	-4770 Jun 22 j 22:05	18° II 16'04	
inferior conj	-4771 Aug 12 j 06:46	12° E 21'00	-2°25'53	evening max el	-4770 Jul 01 j 02:22	27° II 28'20	27°04'01
minimum elong	-4771 Aug 12 j 09:53	12° E 11'17	2°24'34		-4770 Jul 03 j 21:46	0° E	
morning rise	-4771 Aug 18 j 02:22	6° E 30'37		retrograde	-4770 Jul 14 j 08:47	4° E 50'52	
asc. node	-4771 Aug 20 j 00:22	5° E 42'33		evening set	-4770 Jul 21 j 06:27	2° E 02'48	
direct	-4771 Aug 21 j 05:53	5° E 33'54			-4770 Jul 23 j 11:22	30° RII	
morning max el	-4771 Aug 28 j 03:16	9° E 26'52	18°55'31	min. Earth dist.	-4770 Jul 25 j 02:05	28° II 15'17	0.65141 AU
	-4771 Sep 11 j 17:21	0° O		inferior conj	-4770 Jul 27 j 01:54	25° II 58'02	-3°09'48
morning set	-4771 Sep 18 j 20:15	11° O 17'18		minimum elong	-4770 Jul 27 j 05:30	25° II 47'41	3°08'35
	-4771 Sep 30 j 16:20	0° P		morning rise	-4770 Aug 02 j 04:59	20° II 21'55	
desc. node	-4771 Oct 02 j 00:31	2° P 06'46		direct	-4770 Aug 05 j 02:04	19° II 36'49	
max. Earth dist.	-4771 Oct 04 j 05:21	5° P 35'01	1.44749 AU	asc. node	-4770 Aug 06 j 21:26	19° II 54'26	
				morning max el	-4770 Aug 11 j 15:37	23° II 11'27	18°18'53
superior conj	-4771 Oct 05 j 01:14	6° P 53'24	-0°19'02		-4770 Aug 17 j 01:34	0° E	
minimum elong	-4771 Oct 04 j 22:46	6° P 43'40	0°18'35	morning set	-4770 Aug 30 j 13:58	21° E 42'19	
	-4771 Oct 19 j 13:23	0° E			-4770 Sep 04 j 15:05	0° O	
evening rise	-4771 Oct 20 j 16:16	1° E 48'29					
	-4771 Nov 07 j 23:04	0° M		superior conj	-4770 Sep 14 j 02:11	15° O 14'44	0°30'00
evening max el	-4771 Nov 10 j 13:04	2° M 58'38	18°48'03	minimum elong	-4770 Sep 14 j 05:50	15° O 29'17	0°29'43
asc. node	-4771 Nov 15 j 23:05	6° M 37'52		max. Earth dist.	-4770 Sep 16 j 23:24	19° O 49'11	1.44665 AU
retrograde	-4771 Nov 17 j 07:52	6° M 48'16		desc. node	-4770 Sep 18 j 21:25	22° O 50'45	
evening set	-4771 Nov 20 j 09:53	5° M 54'11			-4770 Sep 23 j 10:43	0° P	
inferior conj	-4771 Nov 26 j 05:55	0° M 11'28	3°02'35	evening rise	-4770 Sep 30 j 16:37	11° P 19'42	
minimum elong	-4771 Nov 26 j 02:41	0° M 21'18	3°01'35	greatest brilliancy	-4770 Oct 12 j 02:07	28° P 59'44	-0.7m
	-4771 Nov 26 j 09:41	30° RE			-4770 Oct 12 j 17:58	0° E	
min. Earth dist.	-4771 Nov 27 j 22:37	28° E 08'01	0.65100 AU	evening max el	-4770 Oct 24 j 21:21	16° E 25'36	19°33'45
morning rise	-4771 Dec 01 j 19:07	24° E 04'20		retrograde	-4770 Nov 01 j 04:07	20° E 38'41	
direct	-4771 Dec 08 j 10:58	21° E 14'07		asc. node	-4770 Nov 02 j 20:13	20° E 22'29	
morning max el	-4771 Dec 21 j 13:22	28° E 48'59	26°54'10	evening set	-4770 Nov 04 j 13:40	19° E 31'20	
	-4771 Dec 22 j 17:13	0° M		inferior conj	-4770 Nov 10 j 03:59	13° E 34'49	2°19'22
desc. node	-4771 Dec 29 j 00:35	7° M 18'11		minimum elong	-4770 Nov 10 j 01:09	13° E 44'01	2°18'21
	-4770 Jan 13 j 15:31	0° X		min. Earth dist.	-4770 Nov 11 j 07:19	12° E 06'13	0.66158 AU
morning set	-4770 Jan 26 j 06:56	22° X 24'51		morning rise	-4770 Nov 15 j 12:23	7° E 22'17	
	-4770 Jan 30 j 03:42	0° Z		direct	-4770 Nov 21 j 15:17	4° E 42'07	
max. Earth dist.	-4770 Jan 30 j 18:28	1° Z 14'16	1.34464 AU	morning max el	-4770 Dec 03 j 22:39	11° E 57'12	25°50'08
				desc. node	-4770 Dec 15 j 21:32	26° E 22'12	
superior conj	-4770 Feb 03 j 15:40	9° Z 12'35	-1°16'26		-4770 Dec 18 j 12:06	0° M	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4769 Jan 06 j 06:54	0°♊		morning set	-4769 Dec 22 j 05:29	16°♌57'45	
morning set	-4769 Jan 09 j 04:19	5°♊13'42		max. Earth dist.	-4769 Dec 26 j 00:20	23°♌42'05	1.37800 AU
max. Earth dist.	-4769 Jan 13 j 01:50	12°♊32'40	1.35940 AU		-4769 Dec 29 j 10:17	0°♊	
superior conj	-4769 Jan 18 j 11:04	23°♊08'35	-1°35'06	superior conj	-4768 Jan 01 j 19:36	6°♊26'55	-1°48'17
minimum elong	-4769 Jan 18 j 14:01	23°♊23'25	1°35'03	minimum elong	-4768 Jan 01 j 21:38	6°♊36'44	1°48'24
	-4769 Jan 21 j 19:56	0°♋		evening rise	-4768 Jan 10 j 09:20	23°♊21'49	
evening rise	-4769 Jan 26 j 08:48	9°♋18'19			-4768 Jan 13 j 18:43	0°♋	
asc. node	-4769 Jan 29 j 19:08	16°♋10'13		asc. node	-4768 Jan 16 j 16:12	5°♋24'46	
	-4769 Feb 06 j 15:37	0°♌		evening max el	-4768 Jan 27 j 05:10	20°♋30'10	19°08'43
evening max el	-4769 Feb 13 j 11:08	8°♌27'01	20°07'59	retrograde	-4768 Feb 04 j 22:39	24°♋40'17	
retrograde	-4769 Feb 23 j 17:40	13°♌18'56		evening set	-4768 Feb 07 j 08:23	24°♋22'40	
evening set	-4769 Feb 26 j 02:02	13°♌04'48		inferior conj	-4768 Feb 15 j 10:11	20°♋09'45	3°12'17
inferior conj	-4769 Mar 06 j 20:32	9°♌05'08	1°51'39	minimum elong	-4768 Feb 15 j 15:00	20°♋01'26	3°11'01
minimum elong	-4769 Mar 07 j 00:56	8°♌58'30	1°50'06	min. Earth dist.	-4768 Feb 18 j 10:48	18°♋05'34	0.57021 AU
min. Earth dist.	-4769 Mar 08 j 19:51	7°♌54'01	0.55710 AU	morning rise	-4768 Feb 23 j 19:04	15°♋11'42	
desc. node	-4769 Mar 13 j 20:46	5°♌18'35		direct	-4768 Feb 28 j 20:40	14°♋11'45	
morning rise	-4769 Mar 15 j 21:55	4°♌36'51		desc. node	-4768 Feb 28 j 17:53	14°♋11'47	
direct	-4769 Mar 19 j 17:38	4°♌04'46		morning max el	-4768 Mar 14 j 01:01	21°♋28'09	25°19'09
morning max el	-4769 Apr 02 j 10:04	10°♌51'46	23°43'06		-4768 Mar 21 j 11:06	0°♌	
	-4769 Apr 16 j 15:32	0°♍			-4768 Apr 08 j 01:37	0°♍	
morning set	-4769 Apr 26 j 09:03	18°♍43'05		morning set	-4768 Apr 09 j 21:19	3°♍46'32	
asc. node	-4769 Apr 27 j 18:49	21°♍41'11		asc. node	-4768 Apr 13 j 15:47	11°♍50'10	
	-4769 May 01 j 15:50	0°♎					
superior conj	-4769 May 03 j 11:18	3°♎53'50	0°55'43	superior conj	-4768 Apr 16 j 21:26	18°♍52'29	0°32'59
minimum elong	-4769 May 03 j 09:05	3°♎41'54	0°55'19	minimum elong	-4768 Apr 16 j 20:02	18°♍44'49	0°32'39
max. Earth dist.	-4769 May 05 j 12:21	8°♎15'38	1.33600 AU	max. Earth dist.	-4768 Apr 17 j 21:52	21°♍05'12	1.32949 AU
evening rise	-4769 May 10 j 23:46	19°♎34'45			-4768 Apr 22 j 01:49	0°♎	
	-4769 May 16 j 09:25	0°♏		evening rise	-4768 Apr 24 j 02:05	4°♎10'43	
	-4769 Jun 04 j 07:26	0°♐			-4768 May 08 j 03:12	0°♏	
desc. node	-4769 Jun 09 j 19:13	6°♐41'16		evening max el	-4768 May 25 j 20:14	23°♏11'04	27°14'22
evening max el	-4769 Jun 13 j 12:59	10°♐35'12	27°24'52	desc. node	-4768 May 26 j 16:22	23°♏58'15	
retrograde	-4769 Jun 27 j 04:38	17°♐59'55			-4768 Jun 05 j 03:00	0°♐	
evening set	-4769 Jul 04 j 07:58	15°♐19'26		retrograde	-4768 Jun 08 j 18:08	0°♐34'52	
min. Earth dist.	-4769 Jul 07 j 22:45	12°♐05'46	0.63677 AU		-4768 Jun 12 j 06:29	30°♑	
inferior conj	-4769 Jul 10 j 12:42	9°♐25'01	-3°45'35	evening set	-4768 Jun 15 j 18:20	28°♑16'00	
minimum elong	-4769 Jul 10 j 16:01	9°♐16'23	3°44'46	min. Earth dist.	-4768 Jun 19 j 09:29	25°♑25'57	0.61865 AU
morning rise	-4769 Jul 17 j 00:52	4°♐06'23		inferior conj	-4768 Jun 22 j 12:03	22°♑34'32	-4°08'47
direct	-4769 Jul 19 j 17:36	3°♐30'17		minimum elong	-4768 Jun 22 j 13:56	22°♑30'10	4°08'27
asc. node	-4769 Jul 24 j 18:30	5°♐34'55		morning rise	-4768 Jun 29 j 10:58	17°♑36'08	
morning max el	-4769 Jul 26 j 06:12	6°♐55'10	17°59'43	direct	-4768 Jul 02 j 01:00	17°♑07'09	
	-4769 Aug 10 j 11:02	0°♑		morning max el	-4768 Jul 08 j 20:22	20°♑31'54	17°58'59
morning set	-4769 Aug 12 j 09:18	3°♑20'27		asc. node	-4768 Jul 10 j 15:33	22°♑28'30	
					-4768 Jul 15 j 22:46	0°♒	
superior conj	-4769 Aug 24 j 21:28	24°♑32'02	1°10'24	morning set	-4768 Jul 25 j 01:11	15°♒57'36	
minimum elong	-4769 Aug 25 j 03:25	24°♑56'31	1°09'59		-4768 Aug 01 j 20:52	0°♑	
	-4769 Aug 28 j 05:48	0°♓		superior conj	-4768 Aug 04 j 20:17	5°♑11'30	1°36'15
max. Earth dist.	-4769 Aug 30 j 15:40	3°♓53'08	1.43874 AU	minimum elong	-4768 Aug 05 j 00:33	5°♑29'55	1°36'12
desc. node	-4769 Sep 05 j 18:22	13°♓34'04		max. Earth dist.	-4768 Aug 12 j 02:57	17°♑27'35	1.42484 AU
evening rise	-4769 Sep 09 j 22:51	20°♓05'01		evening rise	-4768 Aug 19 j 04:55	28°♑51'34	
	-4769 Sep 16 j 10:09	0°♑			-4768 Aug 19 j 22:19	0°♓	
evening max el	-4769 Oct 08 j 00:14	29°♑52'00	20°34'04	desc. node	-4768 Aug 22 j 15:22	4°♓13'30	
	-4769 Oct 08 j 03:22	0°♒			-4768 Sep 09 j 03:16	0°♑	
retrograde	-4769 Oct 16 j 01:17	4°♒36'29		evening max el	-4768 Sep 19 j 20:46	13°♑17'00	21°46'10
evening set	-4769 Oct 19 j 20:35	3°♒13'10		retrograde	-4768 Sep 28 j 21:30	18°♑38'50	
asc. node	-4769 Oct 20 j 17:23	2°♒30'51		evening set	-4768 Oct 03 j 04:38	16°♑57'18	
	-4769 Oct 23 j 01:39	30°♒		asc. node	-4768 Oct 06 j 14:32	13°♑18'11	
inferior conj	-4769 Oct 25 j 06:51	27°♒06'05	1°30'48	inferior conj	-4768 Oct 08 j 12:30	10°♑43'08	0°39'02
minimum elong	-4769 Oct 25 j 04:52	27°♒12'50	1°30'02	minimum elong	-4768 Oct 08 j 11:36	10°♑46'13	0°38'45
min. Earth dist.	-4769 Oct 25 j 22:21	26°♒13'41	0.66875 AU	min. Earth dist.	-4768 Oct 08 j 17:20	10°♑26'26	0.67277 AU
morning rise	-4769 Oct 30 j 12:58	20°♒50'39		morning rise	-4768 Oct 13 j 18:26	4°♒27'31	
direct	-4769 Nov 05 j 00:49	18°♒27'56		direct	-4768 Oct 18 j 15:07	2°♒25'33	
morning max el	-4769 Nov 16 j 07:28	25°♒11'00	24°30'16	morning max el	-4768 Oct 28 j 17:35	8°♒27'41	23°04'13
	-4769 Nov 20 j 16:37	0°♓			-4768 Nov 14 j 12:38	0°♒	
desc. node	-4769 Dec 02 j 18:28	16°♓00'29		desc. node	-4768 Nov 18 j 15:24	6°♓03'10	
	-4769 Dec 12 j 00:33	0°♑		morning set	-4768 Dec 02 j 04:32	27°♓22'52	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4768 Dec 03 j 18:13	0°♄		morning rise	-4767 Sep 28 j 02:41	18°♄10'54	
max. Earth dist.	-4768 Dec 06 j 20:39	5°♄16'28	1.39853 AU	direct	-4767 Oct 02 j 09:20	16°♄29'55	
				morning max el	-4767 Oct 11 j 07:54	21°♄48'23	21°40'31
superior conj	-4768 Dec 14 j 12:53	18°♄56'12	-1°53'14		-4767 Oct 18 j 05:54	0°♄	
minimum elong	-4768 Dec 14 j 12:44	18°♄55'29	1°53'24	desc. node	-4767 Nov 05 j 12:18	26°♄22'34	
	-4768 Dec 20 j 10:34	0°♄			-4767 Nov 07 j 20:42	0°♄	
evening rise	-4768 Dec 24 j 01:26	6°♄55'16		morning set	-4767 Nov 11 j 23:11	6°♄26'20	
asc. node	-4767 Jan 02 j 13:18	24°♄08'26		max. Earth dist.	-4767 Nov 18 j 21:21	17°♄38'59	1.41825 AU
	-4767 Jan 06 j 14:14	0°♄					
evening max el	-4767 Jan 09 j 08:00	3°♄04'30	18°29'23	superior conj	-4767 Nov 26 j 09:20	0°♄22'03	-1°46'28
retrograde	-4767 Jan 16 j 21:49	6°♄47'13		minimum elong	-4767 Nov 26 j 05:49	0°♄06'45	1°46'24
evening set	-4767 Jan 19 j 10:15	6°♄23'56			-4767 Nov 26 j 04:16	0°♄	
inferior conj	-4767 Jan 26 j 19:57	1°♄51'25	3°54'52	evening rise	-4767 Dec 07 j 05:37	19°♄50'24	
minimum elong	-4767 Jan 26 j 22:19	1°♄46'41	3°54'23		-4767 Dec 12 j 19:59	0°♄	
	-4767 Jan 29 j 03:27	30°♄♄		asc. node	-4767 Dec 20 j 10:24	12°♄11'12	
min. Earth dist.	-4767 Jan 30 j 04:54	29°♄10'35	0.58845 AU	evening max el	-4767 Dec 23 j 16:59	16°♄02'07	18°10'10
morning rise	-4767 Feb 03 j 08:11	26°♄28'20		retrograde	-4767 Dec 30 j 13:51	19°♄31'57	
direct	-4767 Feb 09 j 12:52	24°♄49'45		evening set	-4766 Jan 02 j 05:03	19°♄01'43	
desc. node	-4767 Feb 14 j 15:00	25°♄53'38		inferior conj	-4766 Jan 09 j 01:03	14°♄07'37	4°05'11
	-4767 Feb 21 j 03:47	0°♄		minimum elong	-4766 Jan 09 j 00:35	14°♄08'42	4°04'57
morning max el	-4767 Feb 23 j 18:47	2°♄21'53	26°38'10	min. Earth dist.	-4766 Jan 12 j 04:54	11°♄13'36	0.60840 AU
	-4767 Mar 15 j 15:43	0°♄		morning rise	-4766 Jan 15 j 18:43	8°♄27'05	
morning set	-4767 Mar 25 j 08:16	18°♄45'35		direct	-4766 Jan 22 j 16:01	6°♄11'29	
	-4767 Mar 30 j 14:08	0°♄		desc. node	-4766 Feb 01 j 12:04	10°♄09'24	
asc. node	-4767 Mar 31 j 12:46	2°♄03'40		morning max el	-4766 Feb 05 j 18:23	13°♄51'02	27°27'40
					-4766 Feb 18 j 18:25	0°♄	
superior conj	-4767 Apr 01 j 09:05	3°♄54'47	0°08'48		-4766 Mar 07 j 22:12	0°♄	
minimum elong	-4767 Apr 01 j 08:42	3°♄52'41	0°08'36	morning set	-4766 Mar 09 j 16:04	3°♄33'24	
behind sun begin	-4767 Apr 01 j 04:29	3°♄29'37		max. Earth dist.	-4766 Mar 15 j 23:50	17°♄01'31	1.32654 AU
behind sun end	-4767 Apr 01 j 12:55	4°♄15'45					
max. Earth dist.	-4767 Apr 01 j 10:55	4°♄04'49	1.32632 AU	superior conj	-4766 Mar 16 j 20:35	18°♄54'41	-0°16'03
evening rise	-4767 Apr 08 j 09:34	19°♄01'22		minimum elong	-4766 Mar 16 j 21:19	18°♄58'37	0°16'04
	-4767 Apr 13 j 21:07	0°♄		asc. node	-4766 Mar 18 j 09:45	22°♄17'36	
	-4767 May 03 j 03:23	0°♄			-4766 Mar 21 j 23:02	0°♄	
evening max el	-4767 May 07 j 22:05	5°♄07'17	26°31'18	evening rise	-4766 Mar 23 j 20:03	3°♄59'06	
desc. node	-4767 May 13 j 13:32	9°♄38'54			-4766 Apr 06 j 20:58	0°♄	
retrograde	-4767 May 22 j 00:02	12°♄27'33		evening max el	-4766 Apr 19 j 18:03	16°♄24'06	25°19'51
evening set	-4767 May 28 j 09:33	10°♄42'52		desc. node	-4766 Apr 30 j 10:42	23°♄08'01	
min. Earth dist.	-4767 Jun 01 j 11:17	8°♄00'36	0.59843 AU	retrograde	-4766 May 03 j 19:55	23°♄34'58	
inferior conj	-4767 Jun 04 j 20:21	5°♄18'05	-4°12'35	evening set	-4766 May 09 j 03:25	22°♄28'57	
minimum elong	-4767 Jun 04 j 19:30	5°♄19'49	4°12'25	min. Earth dist.	-4766 May 14 j 06:35	19°♄38'12	0.57862 AU
morning rise	-4767 Jun 12 j 07:44	0°♄41'07		inferior conj	-4766 May 17 j 10:13	17°♄26'57	-3°47'39
direct	-4767 Jun 14 j 20:05	0°♄17'53		minimum elong	-4766 May 17 j 06:03	17°♄34'15	3°46'57
morning max el	-4767 Jun 22 j 07:15	3°♄53'53	18°17'29	morning rise	-4766 May 25 j 11:40	13°♄10'18	
asc. node	-4767 Jun 27 j 12:35	10°♄19'46		direct	-4766 May 27 j 22:51	12°♄51'40	
morning set	-4767 Jul 08 j 08:25	29°♄20'32		morning max el	-4766 Jun 05 j 11:55	16°♄52'17	18°56'00
	-4767 Jul 08 j 16:45	0°♄		asc. node	-4766 Jun 14 j 09:36	28°♄55'47	
					-4766 Jun 15 j 00:31	0°♄	
superior conj	-4767 Jul 17 j 20:33	17°♄07'17	1°48'00	morning set	-4766 Jun 22 j 02:51	13°♄19'31	
minimum elong	-4767 Jul 17 j 21:58	17°♄13'42	1°48'12				
	-4767 Jul 25 j 03:33	0°♄		superior conj	-4766 Jun 30 j 16:45	0°♄04'41	1°48'24
max. Earth dist.	-4767 Jul 25 j 08:06	0°♄19'27	1.40699 AU	minimum elong	-4766 Jun 30 j 15:51	0°♄00'23	1°48'35
evening rise	-4767 Jul 30 j 05:38	8°♄31'43			-4766 Jun 30 j 15:47	0°♄	
desc. node	-4767 Aug 09 j 12:22	24°♄44'59		max. Earth dist.	-4766 Jul 07 j 09:48	12°♄31'29	1.38766 AU
	-4767 Aug 13 j 00:30	0°♄		evening rise	-4766 Jul 11 j 08:52	19°♄29'53	
evening max el	-4767 Sep 02 j 11:38	26°♄41'39	23°05'39		-4766 Jul 17 j 15:33	0°♄	
	-4767 Sep 06 j 04:39	0°♄		desc. node	-4766 Jul 27 j 09:23	15°♄04'19	
retrograde	-4767 Sep 12 j 15:09	2°♄42'31			-4766 Aug 07 j 04:13	0°♄	
evening set	-4767 Sep 17 j 12:00	0°♄41'20		evening max el	-4766 Aug 15 j 23:11	10°♄09'20	24°26'09
	-4767 Sep 18 j 06:14	30°♄♄		retrograde	-4766 Aug 27 j 05:07	16°♄44'59	
inferior conj	-4767 Sep 22 j 19:05	24°♄23'35	-0°14'10	evening set	-4766 Sep 01 j 16:55	14°♄24'26	
minimum elong	-4767 Sep 22 j 19:24	24°♄22'29	0°13'52	min. Earth dist.	-4766 Sep 06 j 09:06	8°♄59'33	0.67202 AU
transit middle	-4767 Sep 22 j 19:24	24°♄22'29	0°13'52	inferior conj	-4766 Sep 07 j 00:53	8°♄06'28	-1°07'06
transit begin	-4767 Sep 22 j 17:58	24°♄27'25		minimum elong	-4766 Sep 07 j 02:26	8°♄01'17	1°06'15
transit end	-4767 Sep 22 j 20:50	24°♄17'33		asc. node	-4766 Sep 10 j 08:51	3°♄56'18	
min. Earth dist.	-4767 Sep 22 j 13:45	24°♄41'57	0.67386 AU	morning rise	-4766 Sep 12 j 11:54	1°♄59'57	
asc. node	-4767 Sep 23 j 11:42	23°♄26'32		direct	-4766 Sep 16 j 06:21	0°♄38'21	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning max el	-4766 Sep 24 j 04:55	5°Ω16'55	20°25'43	morning rise	-4765 Aug 27 j 20:10	15°Ω52'21	
	-4766 Oct 12 j 08:41	0°ྐ		asc. node	-4765 Aug 28 j 05:57	15°Ω37'30	
morning set	-4766 Oct 21 j 23:11	14°ྐ41'29		direct	-4765 Aug 31 j 04:31	14°Ω47'25	
desc. node	-4766 Oct 23 j 09:12	16°ྐ53'40		morning max el	-4765 Sep 07 j 09:07	18°Ω54'10	19°24'04
	-4766 Oct 31 j 16:17	0°Ω			-4765 Sep 15 j 23:36	0°Ω	
max. Earth dist.	-4766 Nov 01 j 05:43	0°Ω53'58	1.43438 AU	morning set	-4765 Oct 01 j 02:55	23°Ω14'14	
					-4765 Oct 05 j 10:43	0°ྐ	
superior conj	-4766 Nov 07 j 03:36	10°Ω32'08	-1°24'31	desc. node	-4765 Oct 10 j 06:06	7°ྐ32'28	
minimum elong	-4766 Nov 06 j 21:09	10°Ω05'31	1°23'56	max. Earth dist.	-4765 Oct 14 j 20:36	14°ྐ48'13	1.44469 AU
	-4766 Nov 18 j 14:28	0°ྐ					
evening rise	-4766 Nov 19 j 17:45	1°ྐ58'47		superior conj	-4765 Oct 17 j 18:56	19°ྐ27'27	-0°46'22
evening max el	-4766 Dec 07 j 05:11	29°ྐ14'57	18°10'25	minimum elong	-4765 Oct 17 j 13:28	19°ྐ05'42	0°45'38
asc. node	-4766 Dec 07 j 07:31	29°ྐ20'49			-4765 Oct 24 j 08:20	0°Ω	
	-4766 Dec 07 j 23:57	0°𐌶		evening rise	-4765 Nov 01 j 09:07	13°Ω11'16	
retrograde	-4766 Dec 13 j 18:52	2°𐌶44'31			-4765 Nov 11 j 14:09	0°ྐ	
evening set	-4766 Dec 16 j 13:14	2°𐌶06'15		evening max el	-4765 Nov 20 j 17:48	12°ྐ36'38	18°29'15
	-4766 Dec 19 j 16:37	30°ꠕྐ		asc. node	-4765 Nov 24 j 04:38	15°ྐ22'46	
inferior conj	-4766 Dec 22 j 22:08	26°ྐ51'09	3°52'24	retrograde	-4765 Nov 27 j 08:38	16°ྐ16'28	
minimum elong	-4766 Dec 22 j 19:46	26°ྐ57'21	3°51'54	evening set	-4765 Nov 30 j 07:21	15°ྐ28'41	
min. Earth dist.	-4766 Dec 25 j 13:32	24°ྐ06'01	0.62724 AU	inferior conj	-4765 Dec 06 j 07:28	9°ྐ54'58	3°23'59
morning rise	-4766 Dec 29 j 01:30	20°ྐ58'01		minimum elong	-4765 Dec 06 j 04:17	10°ྐ04'11	3°23'07
direct	-4765 Jan 05 j 03:32	18°ྐ17'28		min. Earth dist.	-4765 Dec 08 j 08:15	7°ྐ33'53	0.64324 AU
morning max el	-4765 Jan 18 j 23:40	25°ྐ59'43	27°41'33	morning rise	-4765 Dec 12 j 00:46	3°ྐ52'09	
desc. node	-4765 Jan 19 j 09:06	26°ྐ23'08		direct	-4765 Dec 18 j 22:05	1°ྐ01'44	
	-4765 Jan 22 j 17:59	0°𐌶		morning max el	-4764 Jan 01 j 08:37	8°ྐ41'47	27°20'27
	-4765 Feb 12 j 05:30	0°𐌶		desc. node	-4764 Jan 06 j 06:06	14°ྐ01'42	
morning set	-4765 Feb 21 j 18:28	18°𐌶01'34			-4764 Jan 18 j 01:11	0°𐌶	
max. Earth dist.	-4765 Feb 27 j 08:51	29°𐌶41'34	1.33038 AU		-4764 Feb 04 j 11:50	0°𐌶	
	-4765 Feb 27 j 12:18	0°𐌶		morning set	-4764 Feb 05 j 12:43	2°𐌶01'05	
				max. Earth dist.	-4764 Feb 10 j 10:07	11°𐌶52'57	1.33819 AU
superior conj	-4765 Mar 01 j 06:13	3°𐌶45'22	-0°40'39				
minimum elong	-4765 Mar 01 j 08:00	3°𐌶54'56	0°40'31	superior conj	-4764 Feb 13 j 12:10	18°𐌶20'41	-1°04'01
asc. node	-4765 Mar 05 j 06:43	12°𐌶27'19		minimum elong	-4764 Feb 13 j 14:47	18°𐌶34'31	1°03'49
evening rise	-4765 Mar 08 j 07:39	18°𐌶56'22			-4764 Feb 18 j 23:33	0°𐌶	
	-4765 Mar 13 j 19:04	0°𐌶		asc. node	-4764 Feb 20 j 03:43	2°𐌶28'43	
evening max el	-4765 Apr 01 j 10:21	27°𐌶12'58	23°50'08	evening rise	-4764 Feb 20 j 18:37	3°𐌶46'52	
	-4765 Apr 04 j 16:24	0°ྐ			-4764 Mar 06 j 09:42	0°𐌶	
retrograde	-4765 Apr 15 j 03:16	4°ྐ02'39		evening max el	-4764 Mar 13 j 04:28	7°𐌶59'13	22°16'11
desc. node	-4765 Apr 17 j 07:53	3°ྐ51'53		retrograde	-4764 Mar 25 j 22:40	14°𐌶11'06	
evening set	-4765 Apr 19 j 03:17	3°ྐ27'19		evening set	-4764 Mar 28 j 20:48	13°𐌶52'15	
min. Earth dist.	-4765 Apr 25 j 22:00	0°ྐ15'42	0.56249 AU	desc. node	-4764 Apr 03 j 05:01	11°𐌶53'54	
	-4765 Apr 26 j 08:26	30°ꠕ𐌶		min. Earth dist.	-4764 Apr 06 j 12:07	10°𐌶07'08	0.55327 AU
inferior conj	-4765 Apr 28 j 03:55	28°𐌶53'32	-2°45'01	inferior conj	-4764 Apr 07 j 05:04	9°𐌶43'08	-1°05'30
minimum elong	-4765 Apr 27 j 22:14	29°𐌶02'13	2°43'33	minimum elong	-4764 Apr 07 j 02:06	9°𐌶47'20	1°04'36
morning rise	-4765 May 06 j 20:04	24°𐌶52'08		morning rise	-4764 Apr 16 j 08:53	5°𐌶44'46	
direct	-4765 May 09 j 06:58	24°𐌶36'37		direct	-4764 Apr 18 j 23:28	5°𐌶29'19	
morning max el	-4765 May 19 j 07:34	29°𐌶16'22	19°54'59	morning max el	-4764 Apr 30 j 16:34	10°𐌶59'56	21°13'09
	-4765 May 20 j 01:39	0°ྐ			-4764 May 14 j 03:59	0°ྐ	
asc. node	-4765 Jun 01 j 06:33	18°ྐ04'50		asc. node	-4764 May 18 j 03:31	7°ྐ38'41	
morning set	-4765 Jun 06 j 05:08	27°ྐ44'43		morning set	-4764 May 20 j 12:41	12°ྐ28'50	
	-4765 Jun 07 j 07:53	0°𐌶					
superior conj	-4765 Jun 14 j 03:26	13°𐌶47'33	1°40'23	superior conj	-4764 May 28 j 00:20	28°ྐ03'27	1°26'15
minimum elong	-4765 Jun 14 j 01:11	13°𐌶36'21	1°40'22	minimum elong	-4764 May 27 j 21:37	27°ྐ49'24	1°26'02
max. Earth dist.	-4765 Jun 19 j 13:26	24°𐌶20'19	1.36921 AU		-4764 May 28 j 23:00	0°𐌶	
	-4765 Jun 22 j 14:19	0°𐌶		max. Earth dist.	-4764 Jun 01 j 00:18	6°𐌶10'58	1.35345 AU
evening rise	-4765 Jun 23 j 12:20	1°𐌶40'23		evening rise	-4764 Jun 05 j 10:47	14°𐌶49'15	
	-4765 Jul 10 j 18:08	0°𐌶			-4764 Jun 13 j 21:31	0°𐌶	
desc. node	-4765 Jul 14 j 06:27	5°𐌶04'51		desc. node	-4764 Jun 30 j 03:33	24°𐌶38'14	
evening max el	-4765 Jul 29 j 09:48	23°𐌶39'39	25°40'07		-4764 Jul 04 j 08:56	0°𐌶	
	-4765 Aug 07 j 04:18	0°Ω		evening max el	-4764 Jul 10 j 20:45	7°𐌶07'58	26°39'26
retrograde	-4765 Aug 10 j 14:39	0°Ω41'34		retrograde	-4764 Jul 23 j 19:24	14°𐌶26'08	
	-4765 Aug 13 j 19:21	30°ꠕ𐌶		evening set	-4764 Jul 30 j 11:20	11°𐌶38'57	
evening set	-4765 Aug 16 j 17:26	28°𐌶04'27		min. Earth dist.	-4764 Aug 03 j 10:49	7°𐌶30'05	0.65820 AU
min. Earth dist.	-4765 Aug 21 j 00:53	23°𐌶16'56	0.66692 AU	inferior conj	-4764 Aug 05 j 02:52	5°𐌶29'36	-2°45'16
inferior conj	-4765 Aug 22 j 04:08	21°𐌶49'24	-1°58'06	minimum elong	-4764 Aug 05 j 06:16	5°𐌶19'22	2°43'58
minimum elong	-4765 Aug 22 j 06:45	21°𐌶40'57	1°56'53		-4764 Aug 10 j 15:36	30°ꠕ𐌶	
				morning rise	-4764 Aug 11 j 01:29	29°𐌶45'12	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

direct	-4764 Aug 14 j 02:00	28° Π 53'50		minimum elong	-4763 Jul 19 j 22:26	18° Π 53'19	3°25'08
asc. node	-4764 Aug 14 j 03:02	28° Π 53'50		morning rise	-4763 Jul 26 j 01:36	13° Π 34'26	
	-4764 Aug 17 j 14:34	0° \mathfrak{S}		direct	-4763 Jul 28 j 20:29	12° Π 53'37	
morning max el	-4764 Aug 20 j 19:12	2° \mathfrak{S} 37'41	18°37'52	asc. node	-4763 Aug 01 j 00:06	13° Π 45'14	
	-4764 Sep 08 j 09:48	0° Ω		morning max el	-4763 Aug 04 j 08:56	16° Π 23'14	18°08'32
morning set	-4764 Sep 10 j 04:52	2° Ω 53'42			-4763 Aug 14 j 03:12	0° \mathfrak{S}	
				morning set	-4763 Aug 22 j 10:02	13° \mathfrak{S} 51'26	
superior conj	-4764 Sep 25 j 18:47	27° Ω 42'57	0°02'11		-4763 Sep 01 j 03:04	0° Ω	
minimum elong	-4764 Sep 25 j 19:05	27° Ω 44'09	0°02'17				
behind sun begin	-4764 Sep 25 j 07:46	26° Ω 59'30		superior conj	-4763 Sep 05 j 01:37	6° Ω 23'15	0°48'43
behind sun end	-4764 Sep 26 j 06:24	28° Ω 28'46		minimum elong	-4763 Sep 05 j 06:52	6° Ω 44'23	0°48'17
desc. node	-4764 Sep 26 j 03:01	28° Ω 15'27		max. Earth dist.	-4763 Sep 09 j 07:37	13° Ω 10'49	1.44406 AU
max. Earth dist.	-4764 Sep 26 j 14:21	29° Ω 00'06	1.44801 AU	desc. node	-4763 Sep 12 j 23:58	18° Ω 59'45	
	-4764 Sep 27 j 05:33	0° \mathfrak{M}			-4763 Sep 20 j 01:03	0° \mathfrak{M}	
evening rise	-4764 Oct 11 j 23:49	23° \mathfrak{M} 19'15		evening rise	-4763 Sep 21 j 14:58	2° \mathfrak{M} 27'00	
	-4764 Oct 16 j 04:39	0° \mathfrak{L}		greatest brilliancy	-4763 Oct 04 j 20:30	22° \mathfrak{M} 41'01	-0.7m
evening max el	-4764 Nov 03 j 04:13	26° \mathfrak{L} 01'54	19°05'33		-4763 Oct 09 j 21:08	0° \mathfrak{L}	
	-4764 Nov 09 j 17:38	0° \mathfrak{M}		evening max el	-4763 Oct 17 j 10:22	9° \mathfrak{L} 28'42	19°57'44
retrograde	-4764 Nov 10 j 03:26	0° \mathfrak{M} 00'57		retrograde	-4763 Oct 25 j 00:23	13° \mathfrak{L} 54'38	
asc. node	-4764 Nov 10 j 01:47	0° \mathfrak{M} 00'55		asc. node	-4763 Oct 27 j 22:56	13° \mathfrak{L} 04'21	
	-4764 Nov 10 j 13:10	30° \mathfrak{R} \mathfrak{L}		evening set	-4763 Oct 28 j 13:42	12° \mathfrak{L} 41'01	
evening set	-4764 Nov 13 j 08:19	29° \mathfrak{L} 01'34		inferior conj	-4763 Nov 03 j 02:06	6° \mathfrak{L} 39'39	1°59'18
inferior conj	-4764 Nov 19 j 01:41	23° \mathfrak{L} 12'20	2°45'05	minimum elong	-4763 Nov 02 j 23:35	6° \mathfrak{L} 47'59	1°58'21
minimum elong	-4764 Nov 18 j 22:33	23° \mathfrak{L} 22'09	2°44'02	min. Earth dist.	-4763 Nov 04 j 00:18	5° \mathfrak{L} 26'08	0.66502 AU
min. Earth dist.	-4764 Nov 20 j 12:27	21° \mathfrak{L} 23'25	0.65584 AU	morning rise	-4763 Nov 08 j 09:14	0° \mathfrak{L} 25'16	
morning rise	-4764 Nov 24 j 12:28	17° \mathfrak{L} 02'23			-4763 Nov 08 j 21:05	30° \mathfrak{R} \mathfrak{M}	
direct	-4764 Nov 30 j 23:03	14° \mathfrak{L} 15'26		direct	-4763 Nov 14 j 05:50	27° \mathfrak{M} 51'39	
morning max el	-4764 Dec 13 j 18:27	21° \mathfrak{L} 44'00	26°29'36		-4763 Nov 20 j 07:21	0° \mathfrak{L}	
	-4764 Dec 21 j 01:17	0° \mathfrak{M}		morning max el	-4763 Nov 26 j 03:28	4° \mathfrak{L} 55'17	25°17'24
desc. node	-4764 Dec 23 j 03:04	2° \mathfrak{M} 39'28		desc. node	-4763 Dec 10 j 00:03	21° \mathfrak{L} 59'25	
	-4763 Jan 10 j 05:44	0° \mathfrak{J}			-4763 Dec 15 j 12:33	0° \mathfrak{M}	
morning set	-4763 Jan 18 j 19:03	15° \mathfrak{J} 19'20		morning set	-4762 Jan 01 j 08:34	27° \mathfrak{M} 42'15	
max. Earth dist.	-4763 Jan 23 j 00:13	23° \mathfrak{J} 27'50	1.35035 AU		-4762 Jan 02 j 14:59	0° \mathfrak{J}	
	-4763 Jan 26 j 06:20	0° \mathfrak{Z}		max. Earth dist.	-4762 Jan 05 j 02:46	4° \mathfrak{J} 36'13	1.36689 AU
superior conj	-4763 Jan 27 j 12:08	2° \mathfrak{Z} 32'32	-1°24'54	superior conj	-4762 Jan 11 j 03:21	16° \mathfrak{J} 13'07	-1°41'32
minimum elong	-4763 Jan 27 j 15:09	2° \mathfrak{Z} 48'04	1°24'45	minimum elong	-4762 Jan 11 j 06:02	16° \mathfrak{J} 26'28	1°41'32
evening rise	-4763 Feb 04 j 03:07	18° \mathfrak{Z} 23'24			-4762 Jan 17 j 23:30	0° \mathfrak{Z}	
asc. node	-4763 Feb 06 j 00:44	22° \mathfrak{Z} 16'14		evening rise	-4762 Jan 19 j 07:12	2° \mathfrak{Z} 40'16	
	-4763 Feb 09 j 23:52	0° \mathfrak{A}		asc. node	-4762 Jan 23 j 21:48	11° \mathfrak{Z} 44'26	
evening max el	-4763 Feb 23 j 06:13	19° \mathfrak{A} 07'20	20°50'27		-4762 Feb 04 j 22:09	0° \mathfrak{A}	
retrograde	-4763 Mar 06 j 12:33	24° \mathfrak{A} 28'51		evening max el	-4762 Feb 05 j 18:28	0° \mathfrak{A} 50'17	19°40'27
evening set	-4763 Mar 08 j 22:10	24° \mathfrak{A} 15'10		retrograde	-4762 Feb 15 j 08:26	5° \mathfrak{A} 22'34	
inferior conj	-4763 Mar 18 j 00:35	20° \mathfrak{A} 17'02	0°50'20	evening set	-4762 Feb 17 j 16:53	5° \mathfrak{A} 07'26	
minimum elong	-4763 Mar 18 j 02:50	20° \mathfrak{A} 13'48	0°49'25	inferior conj	-4762 Feb 26 j 04:32	1° \mathfrak{A} 03'47	2°30'28
min. Earth dist.	-4763 Mar 19 j 02:21	19° \mathfrak{A} 39'59	0.55299 AU	minimum elong	-4762 Feb 26 j 09:37	0° \mathfrak{A} 55'42	2°28'52
desc. node	-4763 Mar 21 j 02:09	18° \mathfrak{A} 33'17			-4762 Feb 27 j 20:40	30° \mathfrak{R} \mathfrak{Z}	
morning rise	-4763 Mar 27 j 06:33	16° \mathfrak{A} 03'26		min. Earth dist.	-4762 Feb 28 j 16:56	29° \mathfrak{Z} 28'20	0.56180 AU
direct	-4763 Mar 30 j 11:37	15° \mathfrak{A} 40'58		morning rise	-4762 Mar 06 j 23:51	26° \mathfrak{Z} 22'28	
morning max el	-4763 Apr 12 j 15:18	22° \mathfrak{A} 04'04	22°46'15	desc. node	-4762 Mar 07 j 23:18	26° \mathfrak{Z} 05'44	
	-4763 Apr 19 j 11:38	0° \mathfrak{H}		direct	-4762 Mar 11 j 08:02	25° \mathfrak{Z} 40'06	
morning set	-4763 May 04 j 23:29	27° \mathfrak{H} 25'21			-4762 Mar 22 j 04:05	0° \mathfrak{A}	
asc. node	-4763 May 05 j 00:28	27° \mathfrak{H} 30'32		morning max el	-4762 Mar 25 j 07:15	2° \mathfrak{A} 42'32	24°25'05
	-4763 May 06 j 04:58	0° \mathfrak{Y}			-4762 Apr 13 j 06:08	0° \mathfrak{H}	
superior conj	-4763 May 12 j 04:16	12° \mathfrak{Y} 42'24	1°07'48	morning set	-4762 Apr 19 j 11:40	12° \mathfrak{H} 27'44	
minimum elong	-4763 May 12 j 01:43	12° \mathfrak{Y} 28'55	1°07'26	asc. node	-4762 Apr 21 j 21:26	17° \mathfrak{H} 34'31	
max. Earth dist.	-4763 May 14 j 21:00	18° \mathfrak{Y} 22'48	1.34126 AU	superior conj	-4762 Apr 26 j 12:42	27° \mathfrak{H} 35'46	0°46'19
evening rise	-4763 May 19 j 23:09	28° \mathfrak{Y} 41'55		minimum elong	-4762 Apr 26 j 10:47	27° \mathfrak{H} 25'26	0°45'56
	-4763 May 20 j 15:06	0° \mathfrak{B}			-4762 Apr 27 j 15:27	0° \mathfrak{Y}	
	-4763 Jun 07 j 01:06	0° \mathfrak{I}		max. Earth dist.	-4762 Apr 28 j 02:41	1° \mathfrak{Y} 00'22	1.33275 AU
desc. node	-4763 Jun 17 j 00:39	13° \mathfrak{I} 32'55		evening rise	-4762 May 03 j 21:19	13° \mathfrak{Y} 05'17	
evening max el	-4763 Jun 23 j 07:53	20° \mathfrak{I} 25'56	27°16'23		-4762 May 12 j 19:08	0° \mathfrak{B}	
retrograde	-4763 Jul 06 j 18:58	27° \mathfrak{I} 50'56			-4762 Jun 02 j 11:24	0° \mathfrak{I}	
evening set	-4763 Jul 13 j 19:51	25° \mathfrak{I} 04'10		desc. node	-4762 Jun 03 j 21:48	1° \mathfrak{I} 32'08	
min. Earth dist.	-4763 Jul 17 j 12:53	21° \mathfrak{I} 32'02	0.64562 AU	evening max el	-4762 Jun 05 j 17:27	3° \mathfrak{I} 21'21	27°24'32
inferior conj	-4763 Jul 19 j 18:50	19° \mathfrak{I} 03'16	-3°26'12	retrograde	-4762 Jun 19 j 12:28	10° \mathfrak{I} 46'20	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4762 Jun 26 j 15:29	8° Π 13'30		min. Earth dist.	-4761 Jun 12 j 12:25	18° \mathcal{B} 14'01	0.61023 AU
min. Earth dist.	-4762 Jun 30 j 05:35	5° Π 11'14	0.62937 AU	inferior conj	-4761 Jun 15 j 18:40	15° \mathcal{B} 24'02	-4°13'20
inferior conj	-4762 Jul 03 j 01:13	2° Π 23'57	-3°57'21	minimum elong	-4761 Jun 15 j 19:32	15° \mathcal{B} 22'08	4°13'07
minimum elong	-4762 Jul 03 j 04:05	2° Π 16'49	3°56'45	morning rise	-4761 Jun 22 j 22:37	10° \mathcal{B} 34'19	
	-4762 Jul 05 j 13:53	30° \mathcal{R} 8		direct	-4761 Jun 25 j 11:56	10° \mathcal{B} 07'48	
morning rise	-4762 Jul 09 j 17:44	27° \mathcal{B} 13'27		morning max el	-4761 Jul 02 j 12:43	13° \mathcal{B} 35'49	18°04'22
direct	-4762 Jul 12 j 09:02	26° \mathcal{B} 40'41		asc. node	-4761 Jul 05 j 18:13	17° \mathcal{B} 18'19	
asc. node	-4762 Jul 18 j 21:10	29° \mathcal{B} 58'31			-4761 Jul 13 j 16:48	0° Π	
	-4762 Jul 18 j 21:47	0° Π		morning set	-4761 Jul 18 j 13:51	8° Π 54'50	
morning max el	-4762 Jul 18 j 23:40	0° Π 04'40	17°57'02				
morning set	-4762 Aug 04 j 14:49	25° Π 56'25		superior conj	-4761 Jul 28 j 18:31	27° Π 27'36	1°42'49
	-4762 Aug 06 j 22:03	0° \mathcal{E}		minimum elong	-4761 Jul 28 j 21:35	27° Π 41'06	1°42'54
					-4761 Jul 30 j 05:13	0° \mathcal{E}	
superior conj	-4762 Aug 16 j 08:18	16° \mathcal{E} 14'22	1°23'13	max. Earth dist.	-4761 Aug 05 j 06:47	10° \mathcal{E} 21'42	1.41772 AU
minimum elong	-4762 Aug 16 j 13:52	16° \mathcal{E} 37'41	1°22'56	evening rise	-4761 Aug 11 j 06:47	20° \mathcal{E} 10'13	
max. Earth dist.	-4762 Aug 22 j 21:44	27° \mathcal{E} 02'55	1.43349 AU	desc. node	-4761 Aug 17 j 17:53	0° \mathcal{Q} 18'06	
	-4762 Aug 24 j 17:42	0° \mathcal{Q}			-4761 Aug 17 j 13:11	0° \mathcal{Q}	
desc. node	-4762 Aug 30 j 20:56	9° \mathcal{Q} 41'45			-4761 Sep 07 j 15:47	0° \mathcal{M}	
evening rise	-4762 Aug 31 j 18:29	11° \mathcal{Q} 05'38		evening max el	-4761 Sep 13 j 04:45	6° \mathcal{M} 19'35	22°19'23
	-4762 Sep 13 j 05:40	0° \mathcal{M}		retrograde	-4761 Sep 22 j 16:24	11° \mathcal{M} 57'25	
evening max el	-4762 Sep 30 j 10:41	22° \mathcal{M} 54'43	21°03'34	evening set	-4761 Sep 27 j 05:18	10° \mathcal{M} 07'32	
retrograde	-4762 Oct 08 j 21:17	27° \mathcal{M} 54'18		asc. node	-4761 Oct 01 j 17:17	4° \mathcal{M} 58'17	
evening set	-4762 Oct 12 j 21:19	26° \mathcal{M} 23'39		inferior conj	-4761 Oct 02 j 12:39	3° \mathcal{M} 51'38	0°16'31
asc. node	-4762 Oct 14 j 20:07	24° \mathcal{M} 34'35		minimum elong	-4761 Oct 02 j 12:16	3° \mathcal{M} 52'58	0°16'29
inferior conj	-4762 Oct 18 j 06:24	20° \mathcal{M} 13'23	1°09'07	min. Earth dist.	-4761 Oct 02 j 13:08	3° \mathcal{M} 49'57	0.67369 AU
minimum elong	-4762 Oct 18 j 04:51	20° \mathcal{M} 18'41	1°08'32		-4761 Oct 05 j 11:02	30° \mathcal{R} 8	
min. Earth dist.	-4762 Oct 18 j 17:20	19° \mathcal{M} 36'00	0.67090 AU	morning rise	-4761 Oct 07 j 19:06	27° \mathcal{Q} 37'07	
morning rise	-4762 Oct 23 j 12:12	13° \mathcal{M} 57'31		direct	-4761 Oct 12 j 09:42	25° \mathcal{Q} 44'09	
direct	-4762 Oct 28 j 17:40	11° \mathcal{M} 43'07			-4761 Oct 20 j 11:58	0° \mathcal{M}	
morning max el	-4762 Nov 08 j 12:18	18° \mathcal{M} 09'20	23°53'43	morning max el	-4761 Oct 21 j 23:45	1° \mathcal{M} 26'47	22°27'48
	-4762 Nov 18 j 10:33	0° \mathcal{L}			-4761 Nov 12 j 10:11	0° \mathcal{L}	
desc. node	-4762 Nov 26 j 21:01	11° \mathcal{L} 49'08		desc. node	-4761 Nov 13 j 17:56	1° \mathcal{L} 59'34	
	-4762 Dec 08 j 15:11	0° \mathcal{M}		morning set	-4761 Nov 24 j 09:55	18° \mathcal{L} 42'17	
morning set	-4762 Dec 13 j 23:14	8° \mathcal{M} 53'49		max. Earth dist.	-4761 Nov 29 j 21:01	27° \mathcal{L} 45'21	1.40726 AU
max. Earth dist.	-4762 Dec 17 j 23:00	15° \mathcal{M} 50'26	1.38667 AU		-4761 Dec 01 j 04:43	0° \mathcal{M}	
superior conj	-4762 Dec 25 j 06:02	29° \mathcal{M} 12'22	-1°51'35	superior conj	-4761 Dec 07 j 15:11	11° \mathcal{M} 16'23	-1°52'00
minimum elong	-4762 Dec 25 j 07:18	29° \mathcal{M} 18'22	1°51'46	minimum elong	-4761 Dec 07 j 13:41	11° \mathcal{M} 09'43	1°52'08
	-4762 Dec 25 j 16:06	0° \mathcal{J}		evening rise	-4761 Dec 17 j 15:59	29° \mathcal{M} 49'40	
evening rise	-4761 Jan 03 j 04:30	16° \mathcal{J} 31'36			-4761 Dec 17 j 18:11	0° \mathcal{J}	
	-4761 Jan 10 j 08:10	0° \mathcal{Z}		asc. node	-4761 Dec 28 j 15:59	19° \mathcal{J} 14'07	
asc. node	-4761 Jan 10 j 18:53	0° \mathcal{Z} 46'44		evening max el	-4760 Jan 02 j 22:24	25° \mathcal{J} 52'50	18°18'43
evening max el	-4761 Jan 19 j 16:38	13° \mathcal{Z} 07'59	18°49'34	retrograde	-4760 Jan 10 j 03:37	29° \mathcal{J} 28'28	
retrograde	-4761 Jan 27 j 20:44	17° \mathcal{Z} 04'06		evening set	-4760 Jan 12 j 17:18	29° \mathcal{J} 02'14	
evening set	-4761 Jan 30 j 07:47	16° \mathcal{Z} 44'07		inferior conj	-4760 Jan 19 j 20:47	24° \mathcal{J} 20'12	4°02'38
inferior conj	-4761 Feb 07 j 02:29	12° \mathcal{Z} 23'27	3°34'50	minimum elong	-4760 Jan 19 j 21:53	24° \mathcal{J} 17'52	4°02'21
minimum elong	-4761 Feb 07 j 06:28	12° \mathcal{Z} 16'10	3°33'56	min. Earth dist.	-4760 Jan 23 j 04:40	21° \mathcal{J} 31'08	0.59692 AU
min. Earth dist.	-4761 Feb 10 j 08:46	10° \mathcal{Z} 01'08	0.57755 AU	morning rise	-4760 Jan 27 j 00:40	18° \mathcal{J} 49'04	
morning rise	-4761 Feb 15 j 02:41	7° \mathcal{Z} 14'13		direct	-4760 Feb 02 j 13:50	16° \mathcal{J} 54'09	
direct	-4761 Feb 20 j 17:04	5° \mathcal{Z} 58'17		desc. node	-4760 Feb 09 j 17:34	19° \mathcal{J} 00'27	
desc. node	-4761 Feb 22 j 20:27	6° \mathcal{Z} 09'25		morning max el	-4760 Feb 16 j 18:34	24° \mathcal{J} 29'18	27°03'31
morning max el	-4761 Mar 06 j 22:32	13° \mathcal{Z} 22'17	25°55'46		-4760 Feb 21 j 20:01	0° \mathcal{Z}	
	-4761 Mar 20 j 00:36	0° \approx			-4760 Mar 12 j 03:28	0° \approx	
morning set	-4761 Apr 03 j 23:36	27° \approx 30'07		morning set	-4760 Mar 18 j 09:26	12° \approx 24'55	
	-4761 Apr 05 j 04:00	0° \mathcal{H}					
asc. node	-4761 Apr 08 j 18:25	7° \mathcal{H} 46'00		superior conj	-4760 Mar 25 j 11:26	27° \approx 38'09	-0°01'44
				minimum elong	-4760 Mar 25 j 11:31	27° \approx 38'37	0°01'52
superior conj	-4761 Apr 10 j 23:41	12° \mathcal{H} 36'48	0°22'52	behind sun begin	-4760 Mar 25 j 06:33	27° \approx 11'24	
minimum elong	-4761 Apr 10 j 22:42	12° \mathcal{H} 31'23	0°22'35	behind sun end	-4760 Mar 25 j 16:30	28° \approx 05'51	
max. Earth dist.	-4761 Apr 11 j 14:16	13° \mathcal{H} 56'22	1.32773 AU	max. Earth dist.	-4760 Mar 25 j 03:54	26° \approx 56'55	1.32601 AU
evening rise	-4761 Apr 18 j 02:09	27° \mathcal{H} 48'57		asc. node	-4760 Mar 25 j 15:24	27° \approx 59'53	
	-4761 Apr 19 j 03:41	0° \mathcal{Y}			-4760 Mar 26 j 13:21	0° \mathcal{H}	
	-4761 May 06 j 04:28	0° \mathcal{B}		evening rise	-4760 Apr 01 j 11:08	12° \mathcal{H} 43'04	
evening max el	-4761 May 18 j 22:55	15° \mathcal{B} 42'13	27°00'05		-4760 Apr 10 j 07:39	0° \mathcal{Y}	
desc. node	-4761 May 21 j 18:55	18° \mathcal{B} 12'29		evening max el	-4760 Apr 29 j 22:07	27° \mathcal{Y} 20'11	26°03'52
retrograde	-4761 Jun 01 j 22:42	23° \mathcal{B} 04'02			-4760 May 02 j 23:11	0° \mathcal{B}	
evening set	-4761 Jun 08 j 18:09	20° \mathcal{B} 58'49		desc. node	-4760 May 07 j 16:05	3° \mathcal{B} 01'31	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

retrograde	-4760 May 14 j 00:16	4°♄37'00		desc. node	-4759 Apr 24 j 13:16	15°♃22'40	
evening set	-4760 May 20 j 00:13	3°♄08'43		retrograde	-4759 Apr 25 j 15:15	15°♃25'24	
min. Earth dist.	-4760 May 24 j 10:44	0°♄25'00	0.58981 AU	evening set	-4759 Apr 30 j 09:28	14°♃33'47	
	-4760 May 25 j 00:25	30°♄♂		min. Earth dist.	-4759 May 06 j 03:50	11°♃35'28	0.57106 AU
inferior conj	-4760 May 27 j 19:24	27°♃53'09	-4°06'08	inferior conj	-4759 May 09 j 00:31	9°♃43'06	-3°25'58
minimum elong	-4760 May 27 j 17:07	27°♃57'31	4°05'50	minimum elong	-4759 May 08 j 19:18	9°♃51'42	3°24'54
morning rise	-4760 Jun 04 j 12:35	23°♃25'18		morning rise	-4759 May 17 j 08:20	5°♃34'20	
direct	-4760 Jun 07 j 00:37	23°♃04'01		direct	-4759 May 19 j 19:05	5°♃17'23	
morning max el	-4760 Jun 14 j 21:15	26°♃48'17	18°31'27	morning max el	-4759 May 28 j 22:23	9°♃32'42	19°18'46
	-4760 Jun 17 j 18:48	0°♄		asc. node	-4759 Jun 08 j 12:10	24°♃19'58	
asc. node	-4760 Jun 21 j 15:13	5°♄29'30			-4759 Jun 11 j 13:37	0°♄	
morning set	-4760 Jul 01 j 02:17	22°♄34'05		morning set	-4759 Jun 15 j 00:20	6°♄44'15	
	-4760 Jul 04 j 22:56	0°♄					
				superior conj	-4759 Jun 23 j 06:55	23°♄09'37	1°45'52
superior conj	-4760 Jul 10 j 04:00	9°♄51'36	1°49'23	minimum elong	-4759 Jun 23 j 05:20	23°♄01'52	1°46'00
minimum elong	-4760 Jul 10 j 04:19	9°♄53'05	1°49'36		-4759 Jun 26 j 20:31	0°♄	
max. Earth dist.	-4760 Jul 17 j 10:22	22°♄57'05	1.39881 AU	max. Earth dist.	-4759 Jun 29 j 11:40	4°♄53'59	1.37947 AU
evening rise	-4760 Jul 21 j 18:31	0°♄22'12		evening rise	-4759 Jul 03 j 08:29	11°♄51'41	
	-4760 Jul 21 j 13:13	0°♄			-4759 Jul 14 j 05:58	0°♄	
desc. node	-4760 Aug 03 j 14:52	20°♄44'58		desc. node	-4759 Jul 21 j 11:53	10°♄56'53	
	-4760 Aug 09 j 23:05	0°♄			-4759 Aug 05 j 03:06	0°♄	
evening max el	-4760 Aug 25 j 17:48	19°♄45'05	23°40'06	evening max el	-4759 Aug 08 j 04:26	3°♄13'01	24°58'55
retrograde	-4760 Sep 05 j 08:37	26°♄01'29		retrograde	-4759 Aug 19 j 20:55	10°♄02'00	
evening set	-4760 Sep 10 j 11:52	23°♄51'36		evening set	-4759 Aug 25 j 15:09	7°♄33'41	
inferior conj	-4760 Sep 15 j 19:06	17°♄33'17	-0°36'46	min. Earth dist.	-4759 Aug 30 j 03:26	2°♄24'25	0.67020 AU
minimum elong	-4760 Sep 15 j 19:57	17°♄30'24	0°36'13	inferior conj	-4759 Aug 31 j 00:01	1°♄16'20	-1°29'05
min. Earth dist.	-4760 Sep 15 j 09:18	18°♄06'46	0.67349 AU	minimum elong	-4759 Aug 31 j 02:03	1°♄09'37	1°28'03
asc. node	-4760 Sep 17 j 14:25	15°♄08'30			-4759 Aug 31 j 23:17	30°♄♂	
morning rise	-4760 Sep 21 j 03:59	11°♄23'06		asc. node	-4759 Sep 04 j 11:31	26°♄03'34	
direct	-4760 Sep 25 j 05:09	9°♄50'51		morning rise	-4759 Sep 05 j 12:58	25°♄13'26	
morning max el	-4760 Oct 03 j 16:55	14°♄51'22	21°07'21	direct	-4759 Sep 09 j 02:44	23°♄59'29	
	-4760 Oct 15 j 14:19	0°♄		morning max el	-4759 Sep 16 j 17:06	28°♄23'55	19°57'44
desc. node	-4760 Oct 30 j 14:49	22°♄24'35			-4759 Sep 18 j 04:40	0°♄	
morning set	-4760 Nov 02 j 18:39	27°♄19'25			-4759 Oct 09 j 02:54	0°♄	
	-4760 Nov 04 j 11:31	0°♄		morning set	-4759 Oct 12 j 17:15	5°♄33'38	
max. Earth dist.	-4760 Nov 11 j 01:25	10°♄33'09	1.42571 AU	desc. node	-4759 Oct 17 j 11:41	12°♄59'11	
				max. Earth dist.	-4759 Oct 24 j 12:23	24°♄05'07	1.43955 AU
superior conj	-4760 Nov 18 j 01:02	22°♄11'06	-1°39'10		-4759 Oct 28 j 04:49	0°♄	
minimum elong	-4760 Nov 17 j 20:02	21°♄49'52	1°38'53				
	-4760 Nov 22 j 13:48	0°♄		superior conj	-4759 Oct 29 j 07:21	1°♄47'26	-1°10'10
evening rise	-4760 Nov 29 j 13:57	12°♄26'35		minimum elong	-4759 Oct 29 j 00:39	1°♄20'15	1°09'25
	-4760 Dec 09 j 16:06	0°♄		evening rise	-4759 Nov 11 j 17:50	24°♄12'10	
asc. node	-4760 Dec 14 j 13:06	6°♄55'57			-4759 Nov 15 j 03:15	0°♄	
evening max el	-4760 Dec 16 j 09:02	8°♄57'29	18°07'51	evening max el	-4759 Nov 29 j 21:42	22°♄14'25	18°16'12
retrograde	-4760 Dec 23 j 01:55	12°♄26'11		asc. node	-4759 Dec 01 j 10:13	23°♄38'29	
evening set	-4760 Dec 25 j 18:15	11°♄52'47		retrograde	-4759 Dec 06 j 11:06	25°♄47'20	
inferior conj	-4759 Jan 01 j 09:12	6°♄49'23	4°02'06	evening set	-4759 Dec 09 j 07:02	25°♄05'24	
minimum elong	-4759 Jan 01 j 07:48	6°♄52'51	4°01'47	inferior conj	-4759 Dec 15 j 11:57	19°♄42'17	3°41'53
min. Earth dist.	-4759 Jan 04 j 08:12	3°♄56'45	0.61666 AU	minimum elong	-4759 Dec 15 j 09:07	19°♄50'03	3°41'13
morning rise	-4759 Jan 07 j 20:12	1°♄02'41		min. Earth dist.	-4759 Dec 17 j 21:19	17°♄05'36	0.63447 AU
	-4759 Jan 09 j 12:51	30°♄♄		morning rise	-4759 Dec 21 j 10:33	13°♄44'30	
direct	-4759 Jan 14 j 20:38	28°♄34'52		direct	-4759 Dec 28 j 11:32	10°♄57'35	
	-4759 Jan 20 j 11:57	0°♄		morning max el	-4758 Jan 11 j 04:17	18°♄40'36	27°36'30
desc. node	-4759 Jan 26 j 14:38	4°♄10'56		desc. node	-4758 Jan 13 j 11:39	21°♄04'02	
morning max el	-4759 Jan 28 j 21:04	6°♄16'30	27°38'03		-4758 Jan 20 j 19:59	0°♄	
	-4759 Feb 15 j 20:23	0°♄			-4758 Feb 08 j 16:18	0°♄	
morning set	-4759 Mar 02 j 15:13	27°♄05'09		morning set	-4758 Feb 14 j 14:32	11°♄22'19	
	-4759 Mar 04 j 01:06	0°♄		max. Earth dist.	-4758 Feb 19 j 21:37	22°♄15'49	1.33314 AU
max. Earth dist.	-4759 Mar 08 j 15:39	9°♄47'56	1.32772 AU				
				superior conj	-4758 Feb 22 j 06:38	27°♄19'10	-0°50'48
superior conj	-4759 Mar 09 j 22:19	12°♄34'17	-0°26'34	minimum elong	-4758 Feb 22 j 08:48	27°♄30'46	0°50'37
minimum elong	-4759 Mar 09 j 23:30	12°♄40'43	0°26'32		-4758 Feb 23 j 12:35	0°♄	
asc. node	-4759 Mar 12 j 12:21	18°♄11'56		asc. node	-4758 Feb 27 j 09:20	8°♄18'34	
evening rise	-4759 Mar 16 j 22:16	27°♄40'41		evening rise	-4758 Mar 01 j 09:48	12°♄35'26	
	-4759 Mar 18 j 00:55	0°♄			-4758 Mar 10 j 08:29	0°♄	
	-4759 Apr 04 j 09:29	0°♄		evening max el	-4758 Mar 24 j 08:00	19°♄05'26	23°09'54
evening max el	-4759 Apr 11 j 15:40	8°♄20'53	24°42'58	retrograde	-4758 Apr 06 j 17:34	25°♄41'26	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4758 Apr 10 j 04:53	25° H 15'03		evening set	-4757 Mar 21 j 00:06	5° H 34'15	
desc. node	-4758 Apr 11 j 10:27	24° H 53'43		desc. node	-4757 Mar 29 j 07:37	2° H 05'56	
min. Earth dist.	-4758 Apr 17 j 18:52	21° H 50'43	0.55748 AU	inferior conj	-4757 Mar 30 j 07:30	1° H 32'26	-0°16'27
inferior conj	-4758 Apr 19 j 10:23	20° H 52'46	-2°06'36	minimum elong	-4757 Mar 30 j 06:43	1° H 33'31	0°16'19
minimum elong	-4758 Apr 19 j 05:19	21° H 00'13	2°05'08	min. Earth dist.	-4757 Mar 30 j 09:03	1° H 30'15	0.55200 AU
morning rise	-4758 Apr 28 j 08:10	16° H 54'20			-4757 Apr 02 j 02:37	30° R \approx	
direct	-4758 Apr 30 j 19:32	16° H 39'29		morning rise	-4757 Apr 08 j 13:41	27° \approx 29'38	
morning max el	-4758 May 11 j 13:43	21° H 40'33	20°26'06	direct	-4757 Apr 11 j 09:05	27° \approx 12'10	
	-4758 May 18 j 10:51	0° Y			-4757 Apr 19 j 20:52	0° H	
asc. node	-4758 May 26 j 09:08	13° Y 40'30		morning max el	-4757 Apr 23 j 18:01	3° H 06'05	21°51'20
morning set	-4758 May 30 j 05:09	21° Y 18'16			-4757 May 11 j 13:49	0° Y	
	-4758 Jun 03 j 10:44	0° B		asc. node	-4757 May 13 j 06:06	3° Y 22'43	
				morning set	-4757 May 14 j 14:20	6° Y 08'22	
superior conj	-4758 Jun 06 j 22:25	7° B 07'59	1°35'01	superior conj	-4757 May 21 j 22:38	21° Y 34'29	1°18'52
minimum elong	-4758 Jun 06 j 19:52	6° B 55'06	1°34'55	minimum elong	-4757 May 21 j 19:56	21° Y 20'17	1°18'34
max. Earth dist.	-4758 Jun 11 j 17:30	16° B 39'10	1.36204 AU	max. Earth dist.	-4757 May 25 j 08:44	28° Y 38'19	1.34784 AU
evening rise	-4758 Jun 15 j 20:46	24° B 29'23			-4757 May 26 j 00:51	0° B	
	-4758 Jun 18 j 21:35	0° II		evening rise	-4757 May 30 j 01:45	7° B 58'40	
	-4758 Jul 07 j 19:22	0° B			-4757 Jun 11 j 11:27	0° II	
desc. node	-4758 Jul 08 j 08:58	0° B 47'08		desc. node	-4757 Jun 25 j 06:05	20° II 05'31	
evening max el	-4758 Jul 21 j 15:12	16° B 43'43	26°07'44		-4757 Jul 03 j 22:42	0° B	
retrograde	-4758 Aug 03 j 04:38	23° B 54'13		evening max el	-4757 Jul 04 j 02:38	0° B 09'32	26°58'25
evening set	-4758 Aug 09 j 13:10	21° B 12'03		retrograde	-4757 Jul 17 j 07:03	7° B 30'50	
min. Earth dist.	-4758 Aug 13 j 17:10	16° B 40'40	0.66360 AU	evening set	-4757 Jul 24 j 03:26	4° B 42'41	
inferior conj	-4758 Aug 15 j 01:37	14° B 58'53	-2°18'42	min. Earth dist.	-4757 Jul 28 j 00:04	0° B 49'42	0.65332 AU
minimum elong	-4758 Aug 15 j 04:38	14° B 49'26	2°17'25		-4757 Jul 28 j 17:18	30° R II	
morning rise	-4758 Aug 20 j 20:15	9° B 06'34		inferior conj	-4757 Jul 29 j 21:48	28° II 36'46	-3°03'35
asc. node	-4758 Aug 22 j 08:36	8° B 24'01		minimum elong	-4757 Jul 30 j 01:22	28° II 26'21	3°02'21
direct	-4758 Aug 24 j 00:58	8° B 07'45		morning rise	-4757 Aug 04 j 23:40	22° II 58'21	
morning max el	-4758 Aug 30 j 23:58	12° B 04'02	19°02'23	direct	-4757 Aug 07 j 21:36	22° II 11'39	
	-4758 Sep 12 j 23:33	0° Q		asc. node	-4757 Aug 09 j 05:40	22° II 21'24	
morning set	-4758 Sep 22 j 04:57	14° Q 30'51		morning max el	-4757 Aug 14 j 11:50	25° II 48'17	18°23'16
	-4758 Oct 02 j 00:40	0° P			-4757 Aug 18 j 00:51	0° B	
desc. node	-4758 Oct 04 j 08:34	3° P 40'05		morning set	-4757 Sep 02 j 18:37	24° B 44'14	
max. Earth dist.	-4758 Oct 07 j 04:29	8° P 07'45	1.44703 AU		-4757 Sep 05 j 23:47	0° Q	
superior conj	-4758 Oct 08 j 13:56	10° P 19'47	-0°26'25	superior conj	-4757 Sep 17 j 13:52	18° Q 37'29	0°22'54
minimum elong	-4758 Oct 08 j 10:33	10° P 06'26	0°25'53	minimum elong	-4757 Sep 17 j 16:45	18° Q 48'55	0°22'42
	-4758 Oct 20 j 21:37	0° Q		max. Earth dist.	-4757 Sep 19 j 22:48	22° Q 22'43	1.44723 AU
evening rise	-4758 Oct 23 j 23:00	4° Q 57'32		desc. node	-4757 Sep 21 j 05:31	24° Q 23'55	
	-4758 Nov 08 j 19:50	0° M			-4757 Sep 24 j 18:57	0° P	
evening max el	-4758 Nov 13 j 09:46	5° M 38'31	18°42'40	evening rise	-4757 Oct 04 j 03:03	14° P 38'25	
asc. node	-4758 Nov 18 j 07:22	9° M 06'41			-4757 Oct 13 j 23:17	0° Q	
retrograde	-4758 Nov 20 j 03:16	9° M 25'09		greatest brilliancy	-4757 Oct 14 j 17:51	1° Q 11'30	-0.8m
evening set	-4758 Nov 23 j 04:24	8° M 32'44		evening max el	-4757 Oct 27 j 18:44	19° Q 05'32	19°25'56
inferior conj	-4758 Nov 29 j 01:26	2° M 52'18	3°08'29	retrograde	-4757 Nov 03 j 23:16	23° Q 14'41	
minimum elong	-4758 Nov 28 j 22:12	3° M 02'03	3°07'30	asc. node	-4757 Nov 05 j 04:30	23° Q 06'06	
min. Earth dist.	-4758 Nov 30 j 20:12	0° M 44'06	0.64913 AU	evening set	-4757 Nov 07 j 07:35	22° Q 09'23	
	-4758 Dec 01 j 11:21	30° R Q		inferior conj	-4757 Nov 12 j 22:37	16° Q 14'36	2°26'20
morning rise	-4758 Dec 04 j 15:36	26° Q 46'18		minimum elong	-4757 Nov 12 j 19:42	16° Q 24'01	2°25'18
direct	-4758 Dec 11 j 09:07	23° Q 55'36		min. Earth dist.	-4757 Nov 14 j 03:48	14° Q 40'49	0.66020 AU
	-4758 Dec 22 j 23:13	0° M		morning rise	-4757 Nov 18 j 07:34	10° Q 02'43	
morning max el	-4758 Dec 24 j 13:40	1° M 31'55	27°01'49	direct	-4757 Nov 24 j 12:32	7° Q 20'37	
desc. node	-4758 Dec 31 j 08:39	9° M 10'13		morning max el	-4757 Dec 06 j 23:12	14° Q 39'22	26°00'59
	-4757 Jan 14 j 22:36	0° J		desc. node	-4757 Dec 18 j 05:37	28° Q 08'06	
morning set	-4757 Jan 29 j 04:14	25° J 05'42			-4757 Dec 19 j 14:23	0° M	
	-4757 Jan 31 j 16:19	0° B			-4756 Jan 07 j 17:02	0° J	
max. Earth dist.	-4757 Feb 02 j 18:12	4° B 10'40	1.34282 AU	morning set	-4756 Jan 12 j 04:09	8° J 02'53	
superior conj	-4757 Feb 06 j 10:22	11° B 45'40	-1°13'18	max. Earth dist.	-4756 Jan 16 j 03:27	15° J 33'38	1.35696 AU
minimum elong	-4757 Feb 06 j 13:13	12° B 00'36	1°13'05	superior conj	-4756 Jan 21 j 07:06	25° J 46'14	-1°32'35
evening rise	-4757 Feb 13 j 19:58	27° B 20'45		minimum elong	-4756 Jan 21 j 10:05	26° J 01'25	1°32'30
asc. node	-4757 Feb 14 j 06:22	28° B 14'46			-4756 Jan 23 j 08:52	0° B	
	-4757 Feb 15 j 02:48	0° \approx		evening rise	-4756 Jan 29 j 02:56	11° B 50'40	
evening max el	-4757 Mar 06 j 05:01	29° \approx 59'16	21°38'11	asc. node	-4756 Feb 01 j 03:27	17° B 55'27	
	-4757 Mar 06 j 05:20	0° H			-4756 Feb 07 j 18:24	0° \approx	
retrograde	-4757 Mar 18 j 08:59	5° H 49'48					

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening max el	-4756 Feb 16 j 11:10	11° \approx 21'59	20°18'22	retrograde	-4755 Feb 07 j 02:17	27° \approx 35'18	
retrograde	-4756 Feb 26 j 23:50	16° \approx 21'26		evening set	-4755 Feb 09 j 11:33	27° \approx 18'26	
evening set	-4756 Feb 29 j 08:15	16° \approx 07'34		inferior conj	-4755 Feb 17 j 15:55	23° \approx 08'09	3°02'31
inferior conj	-4756 Mar 09 j 05:01	12° \approx 08'38	1°36'25	minimum elong	-4755 Feb 17 j 20:55	22° \approx 59'42	3°01'08
minimum elong	-4756 Mar 09 j 08:58	12° \approx 02'45	1°34'57	min. Earth dist.	-4755 Feb 20 j 13:56	21° \approx 10'53	0.56785 AU
min. Earth dist.	-4756 Mar 10 j 23:05	11° \approx 06'18	0.55579 AU	morning rise	-4755 Feb 26 j 03:42	18° \approx 14'10	
desc. node	-4756 Mar 15 j 04:46	8° \approx 51'52		desc. node	-4755 Mar 02 j 01:55	17° \approx 21'21	
morning rise	-4756 Mar 18 j 08:01	7° \approx 44'34		direct	-4755 Mar 03 j 00:42	17° \approx 19'14	
direct	-4756 Mar 21 j 23:34	7° \approx 15'29		morning max el	-4755 Mar 17 j 04:16	24° \approx 32'42	25°05'35
morning max el	-4756 Apr 04 j 13:11	13° \approx 56'33	23°28'19		-4755 Mar 22 j 04:15	0° \approx	
	-4756 Apr 16 j 21:16	0° \approx			-4755 Apr 09 j 13:58	0° \approx	
morning set	-4756 Apr 28 j 01:58	21° \approx 08'25		morning set	-4755 Apr 12 j 14:16	6° \approx 11'45	
asc. node	-4756 Apr 29 j 03:06	23° \approx 20'36		asc. node	-4755 Apr 16 j 00:06	13° \approx 28'30	
	-4756 May 02 j 05:55	0° \approx					
superior conj	-4756 May 05 j 04:46	6° \approx 20'23	0°58'59	superior conj	-4755 Apr 19 j 14:32	21° \approx 17'54	0°36'34
minimum elong	-4756 May 05 j 02:27	6° \approx 07'58	0°58'35	minimum elong	-4755 Apr 19 j 12:59	21° \approx 09'30	0°36'12
max. Earth dist.	-4756 May 07 j 09:48	11° \approx 02'29	1.33726 AU	max. Earth dist.	-4755 Apr 20 j 18:23	23° \approx 48'56	1.33019 AU
evening rise	-4756 May 12 j 18:45	22° \approx 05'39		evening rise	-4755 Apr 23 j 15:36	0° \approx	
	-4756 May 16 j 20:34	0° \approx			-4755 Apr 26 j 20:04	6° \approx 38'34	
	-4756 Jun 04 j 06:43	0° \approx			-4755 May 09 j 09:49	0° \approx	
desc. node	-4756 Jun 11 j 03:13	8° \approx 38'41		evening max el	-4755 May 28 j 21:15	26° \approx 00'16	27°18'04
evening max el	-4756 Jun 15 j 13:22	13° \approx 19'03	27°23'36	desc. node	-4755 May 29 j 00:21	26° \approx 07'40	
retrograde	-4756 Jun 29 j 03:52	20° \approx 43'58			-4755 Jun 02 j 16:12	0° \approx	
evening set	-4756 Jul 06 j 06:53	18° \approx 01'19		retrograde	-4755 Jun 11 j 18:33	3° \approx 24'46	
min. Earth dist.	-4756 Jul 09 j 22:05	14° \approx 43'15	0.63918 AU	evening set	-4755 Jun 18 j 19:50	1° \approx 01'43	
inferior conj	-4756 Jul 12 j 10:02	12° \approx 05'11	-3°40'55		-4755 Jun 20 j 05:54	30° \approx	
minimum elong	-4756 Jul 12 j 13:27	11° \approx 56'08	3°40'01	min. Earth dist.	-4755 Jun 22 j 10:22	28° \approx 09'04	0.62149 AU
morning rise	-4756 Jul 18 j 20:46	6° \approx 43'57		inferior conj	-4755 Jun 25 j 11:19	25° \approx 18'00	-4°06'26
direct	-4756 Jul 21 j 14:01	6° \approx 06'42		minimum elong	-4755 Jun 25 j 13:30	25° \approx 12'51	4°06'01
asc. node	-4756 Jul 26 j 02:45	7° \approx 49'07		morning rise	-4755 Jul 02 j 08:32	20° \approx 16'30	
morning max el	-4756 Jul 28 j 02:18	9° \approx 32'25	18°01'27	direct	-4755 Jul 04 j 22:48	19° \approx 46'38	
	-4756 Aug 10 j 19:54	0° \approx		morning max el	-4755 Jul 11 j 16:45	23° \approx 10'55	17°57'52
	-4756 Aug 14 j 10:24	6° \approx 11'53		asc. node	-4755 Jul 12 j 23:49	24° \approx 32'48	
superior conj	-4756 Aug 27 j 05:28	27° \approx 43'37	1°05'11		-4755 Jul 17 j 02:11	0° \approx	
minimum elong	-4756 Aug 27 j 11:24	28° \approx 07'49	1°04'44	morning set	-4755 Jul 27 j 23:35	18° \approx 41'08	
	-4756 Aug 28 j 14:56	0° \approx			-4755 Aug 03 j 07:21	0° \approx	
max. Earth dist.	-4756 Sep 01 j 15:28	6° \approx 28'55	1.44028 AU	superior conj	-4755 Aug 08 j 00:09	8° \approx 10'45	1°33'19
desc. node	-4756 Sep 07 j 02:27	15° \approx 07'15		minimum elong	-4755 Aug 08 j 04:48	8° \approx 30'42	1°33'11
evening rise	-4756 Sep 12 j 11:02	23° \approx 27'45		max. Earth dist.	-4755 Aug 15 j 03:23	20° \approx 07'54	1.42721 AU
	-4756 Sep 16 j 17:03	0° \approx			-4755 Aug 21 j 06:40	0° \approx	
	-4756 Oct 07 j 15:44	0° \approx		evening rise	-4755 Aug 22 j 15:44	2° \approx 10'13	
evening max el	-4756 Oct 09 j 22:28	2° \approx 31'41	20°24'15	desc. node	-4755 Aug 24 j 23:24	5° \approx 47'20	
retrograde	-4756 Oct 17 j 20:31	7° \approx 11'20			-4755 Sep 10 j 05:51	0° \approx	
evening set	-4756 Oct 21 j 14:10	5° \approx 50'35		evening max el	-4755 Sep 22 j 19:56	15° \approx 56'36	21°34'52
asc. node	-4756 Oct 22 j 01:39	5° \approx 28'32		retrograde	-4755 Oct 01 j 16:58	21° \approx 12'46	
	-4756 Oct 26 j 20:24	30° \approx		evening set	-4755 Oct 05 j 22:10	19° \approx 34'10	
inferior conj	-4756 Oct 27 j 00:56	29° \approx 44'47	1°38'24	asc. node	-4755 Oct 08 j 22:48	16° \approx 25'46	
minimum elong	-4756 Oct 26 j 22:47	29° \approx 51'59	1°37'36	inferior conj	-4755 Oct 11 j 06:17	13° \approx 20'52	0°47'00
min. Earth dist.	-4756 Oct 27 j 18:06	28° \approx 46'58	0.66784 AU	minimum elong	-4755 Oct 11 j 05:13	13° \approx 24'34	0°46'39
morning rise	-4756 Nov 01 j 07:14	23° \approx 29'29		min. Earth dist.	-4755 Oct 11 j 12:41	12° \approx 58'47	0.67236 AU
direct	-4756 Nov 06 j 21:19	21° \approx 03'52		morning rise	-4755 Oct 16 j 12:06	7° \approx 04'59	
morning max el	-4756 Nov 18 j 08:06	27° \approx 52'48	24°42'49	direct	-4755 Oct 21 j 11:01	4° \approx 59'44	
	-4756 Nov 20 j 08:29	0° \approx		morning max el	-4755 Oct 31 j 17:45	11° \approx 08'29	23°16'59
desc. node	-4756 Dec 04 j 02:34	17° \approx 41'47			-4755 Nov 15 j 16:42	0° \approx	
	-4756 Dec 12 j 07:49	0° \approx		desc. node	-4755 Nov 20 j 23:30	7° \approx 41'04	
morning set	-4756 Dec 24 j 08:44	19° \approx 57'36		morning set	-4755 Dec 05 j 11:56	0° \approx 34'46	
max. Earth dist.	-4756 Dec 28 j 02:54	26° \approx 42'06	1.37505 AU		-4755 Dec 05 j 03:36	0° \approx	
	-4756 Dec 29 j 21:49	0° \approx		max. Earth dist.	-4755 Dec 09 j 22:41	8° \approx 09'02	1.39544 AU
superior conj	-4755 Jan 03 j 17:29	9° \approx 10'33	-1°46'45	superior conj	-4755 Dec 17 j 13:19	21° \approx 47'42	-1°53'09
minimum elong	-4755 Jan 03 j 19:44	9° \approx 21'29	1°46'51	minimum elong	-4755 Dec 17 j 13:35	21° \approx 48'55	1°53'21
evening rise	-4755 Jan 12 j 04:28	25° \approx 57'50			-4755 Dec 21 j 22:04	0° \approx	
	-4755 Jan 14 j 05:26	0° \approx		evening rise	-4755 Dec 26 j 21:58	9° \approx 35'48	
asc. node	-4755 Jan 18 j 00:31	7° \approx 13'46		asc. node	-4754 Jan 04 j 21:35	26° \approx 20'28	
evening max el	-4755 Jan 29 j 03:42	23° \approx 19'45	19°16'15		-4754 Jan 07 j 10:45	0° \approx	
				evening max el	-4754 Jan 12 j 05:24	5° \approx 50'03	18°33'59

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

retrograde	-4754 Jan 19 j 22:33	9° Z 35'38		superior conj	-4754 Nov 29 j 13:15	3° M 23'58	-1°48'25
evening set	-4754 Jan 22 j 10:38	9° Z 13'16		minimum elong	-4754 Nov 29 j 10:16	3° M 10'55	1°48'24
inferior conj	-4754 Jan 29 j 22:37	4° Z 44'03	3°50'38	evening rise	-4754 Dec 10 j 04:08	22° M 37'02	
minimum elong	-4754 Jan 30 j 01:25	4° Z 38'33	3°50'05		-4754 Dec 14 j 04:41	0° Z	
min. Earth dist.	-4754 Feb 02 j 07:24	2° Z 07'11	0.58555 AU	asc. node	-4754 Dec 22 j 18:39	14° Z 12'09	
	-4754 Feb 05 j 11:25	30° R Z		evening max el	-4754 Dec 26 j 13:40	18° Z 45'01	18°11'49
morning rise	-4754 Feb 06 j 13:54	29° Z 24'14		retrograde	-4753 Jan 02 j 12:19	22° Z 15'49	
direct	-4754 Feb 12 j 15:15	27° Z 51'27		evening set	-4753 Jan 05 j 03:10	21° Z 46'37	
desc. node	-4754 Feb 16 j 23:03	28° Z 37'32		inferior conj	-4753 Jan 12 j 01:01	16° Z 55'39	4°05'19
	-4754 Feb 19 j 23:05	0° Z		minimum elong	-4753 Jan 12 j 00:56	16° Z 55'50	4°05'05
morning max el	-4754 Feb 26 j 21:12	5° Z 21'59	26°28'02	min. Earth dist.	-4753 Jan 15 j 06:12	14° Z 02'13	0.60542 AU
	-4754 Mar 16 j 23:32	0° \approx		morning rise	-4753 Jan 18 j 21:13	11° Z 17'31	
morning set	-4754 Mar 28 j 01:30	21° \approx 11'45		direct	-4753 Jan 25 j 16:50	9° Z 06'56	
	-4754 Apr 01 j 04:23	0° H		desc. node	-4753 Feb 03 j 20:08	12° Z 32'40	
asc. node	-4754 Apr 02 j 21:03	3° H 41'34		morning max el	-4753 Feb 08 j 19:46	16° Z 45'15	27°22'32
					-4753 Feb 19 j 19:12	0° Z	
superior conj	-4754 Apr 04 j 02:02	6° H 20'07	0°12'32		-4753 Mar 09 j 10:26	0° \approx	
minimum elong	-4754 Apr 04 j 01:30	6° H 17'07	0°12'18	morning set	-4753 Mar 12 j 09:53	6° \approx 01'58	
behind sun begin	-4754 Apr 03 j 22:21	5° H 59'55		max. Earth dist.	-4753 Mar 18 j 20:21	19° \approx 46'28	1.32632 AU
behind sun end	-4754 Apr 04 j 04:38	6° H 34'18					
max. Earth dist.	-4754 Apr 04 j 07:05	6° H 47'39	1.32656 AU	superior conj	-4753 Mar 19 j 13:40	21° \approx 20'59	-0°12'16
evening rise	-4754 Apr 11 j 02:55	21° H 27'40		minimum elong	-4753 Mar 19 j 14:13	21° \approx 24'00	0°12'19
	-4754 Apr 15 j 08:25	0° Y		behind sun begin	-4753 Mar 19 j 11:03	21° \approx 06'41	
	-4754 May 03 j 20:01	0° B		behind sun end	-4753 Mar 19 j 17:23	21° \approx 41'19	
evening max el	-4754 May 11 j 00:05	8° B 03'07	26°39'47	asc. node	-4753 Mar 20 j 18:00	23° \approx 55'52	
desc. node	-4754 May 15 j 21:31	12° B 05'15			-4753 Mar 23 j 12:54	0° H	
retrograde	-4754 May 25 j 01:42	15° B 24'01		evening rise	-4753 Mar 26 j 13:05	6° H 25'14	
evening set	-4754 May 31 j 14:07	13° B 33'52			-4753 Apr 08 j 01:25	0° Y	
min. Earth dist.	-4754 Jun 04 j 13:29	10° B 51'24	0.60148 AU	evening max el	-4753 Apr 22 j 20:55	19° Y 25'34	25°31'55
inferior conj	-4754 Jun 07 j 22:06	8° B 06'15	-4°13'42	desc. node	-4753 May 02 j 18:41	25° Y 56'43	
minimum elong	-4754 Jun 07 j 21:44	8° B 07'01	4°13'33	retrograde	-4753 May 06 j 23:00	26° Y 37'56	
morning rise	-4754 Jun 15 j 07:30	3° B 25'56		evening set	-4753 May 12 j 11:03	25° Y 26'22	
direct	-4754 Jun 17 j 20:02	3° B 01'54		min. Earth dist.	-4753 May 17 j 09:27	22° Y 37'51	0.58148 AU
morning max el	-4754 Jun 25 j 04:16	6° B 35'35	18°13'25	inferior conj	-4753 May 20 j 14:51	20° Y 20'44	-3°53'43
asc. node	-4754 Jun 29 j 20:50	12° B 16'16		minimum elong	-4753 May 20 j 11:09	20° Y 27'22	3°53'09
	-4754 Jul 10 j 03:40	0° II		morning rise	-4753 May 28 j 14:06	16° Y 01'10	
morning set	-4754 Jul 11 j 04:50	1° II 58'13		direct	-4753 May 31 j 01:33	15° Y 41'50	
				morning max el	-4753 Jun 08 j 09:57	19° Y 37'43	18°48'58
superior conj	-4754 Jul 20 j 20:57	19° II 56'01	1°47'01		-4753 Jun 16 j 06:43	0° B	
minimum elong	-4754 Jul 20 j 22:47	20° II 04'17	1°47'12	asc. node	-4753 Jun 16 j 17:49	0° B 46'04	
	-4754 Jul 26 j 13:48	0° B		morning set	-4753 Jun 24 j 21:50	15° B 52'22	
max. Earth dist.	-4754 Jul 28 j 09:23	3° B 06'29	1.40986 AU		-4753 Jul 02 j 03:56	0° II	
evening rise	-4754 Aug 02 j 12:55	11° B 40'24					
desc. node	-4754 Aug 11 j 20:22	26° B 20'12		superior conj	-4753 Jul 03 j 14:33	2° II 45'06	1°48'56
	-4754 Aug 14 j 06:36	0° B		minimum elong	-4753 Jul 03 j 13:57	2° II 42'12	1°49'09
evening max el	-4754 Sep 05 j 11:35	29° B 21'16	22°53'35	max. Earth dist.	-4753 Jul 10 j 11:33	15° II 24'32	1.39059 AU
	-4754 Sep 06 j 03:15	0° B		evening rise	-4753 Jul 14 j 12:10	22° II 26'31	
retrograde	-4754 Sep 15 j 10:59	5° B 16'09			-4753 Jul 19 j 00:25	0° B	
evening set	-4754 Sep 20 j 05:42	3° B 18'00		desc. node	-4753 Jul 29 j 17:22	16° B 41'30	
	-4754 Sep 23 j 07:26	30° R B			-4753 Aug 08 j 04:15	0° B	
inferior conj	-4754 Sep 25 j 12:48	27° B 00'42	-0°06'05	evening max el	-4753 Aug 18 j 23:28	12° B 48'19	24°14'21
minimum elong	-4754 Sep 25 j 12:57	27° B 00'13	0°05'52	retrograde	-4753 Aug 30 j 01:28	19° B 18'55	
transit middle	-4754 Sep 25 j 12:57	27° B 00'13	0°05'52	evening set	-4753 Sep 04 j 11:04	17° B 01'04	
transit begin	-4754 Sep 25 j 10:26	27° B 08'55		min. Earth dist.	-4753 Sep 09 j 04:36	11° B 31'00	0.67254 AU
transit end	-4754 Sep 25 j 15:28	26° B 51'32		inferior conj	-4753 Sep 09 j 18:49	10° B 43'00	-0°59'10
min. Earth dist.	-4754 Sep 25 j 09:01	27° B 13'45	0.67393 AU	minimum elong	-4753 Sep 09 j 20:10	10° B 38'24	0°58'24
asc. node	-4754 Sep 25 j 19:56	26° B 36'07		asc. node	-4753 Sep 12 j 17:04	6° B 58'38	
morning rise	-4754 Sep 30 j 20:03	20° B 47'23		morning rise	-4753 Sep 15 j 05:13	4° B 35'30	
direct	-4754 Oct 05 j 04:45	19° B 03'15		direct	-4753 Sep 19 j 01:23	3° B 11'11	
morning max el	-4754 Oct 14 j 07:09	24° B 27'48	21°52'28	morning max el	-4753 Sep 27 j 03:06	7° B 54'59	20°36'05
	-4754 Oct 19 j 03:34	0° B			-4753 Oct 13 j 14:30	0° B	
desc. node	-4754 Nov 07 j 20:24	27° B 58'10		morning set	-4753 Oct 25 j 12:03	18° B 07'22	
	-4754 Nov 09 j 04:10	0° B		desc. node	-4753 Oct 25 j 17:15	18° B 27'33	
morning set	-4754 Nov 15 j 10:31	9° B 48'54			-4753 Nov 02 j 01:03	0° B	
max. Earth dist.	-4754 Nov 21 j 22:25	20° B 23'32	1.41547 AU	max. Earth dist.	-4753 Nov 04 j 05:59	3° B 32'30	1.43230 AU
	-4754 Nov 27 j 14:24	0° M					
				superior conj	-4753 Nov 10 j 11:36	13° B 45'28	-1°28'55

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4753 Nov 10 j 05:26	13° ♁ 19'49	1°28'24	max. Earth dist.	-4752 Oct 16 j 20:07	17° ♁ 22'24	1.44358 AU
	-4753 Nov 20 j 00:04	0° ♁					
evening rise	-4753 Nov 22 j 18:56	4° ♁ 52'50		superior conj	-4752 Oct 20 j 06:38	22° ♁ 50'57	-0°53'02
	-4753 Dec 08 j 07:48	0° ♁		minimum elong	-4752 Oct 20 j 00:39	22° ♁ 27'03	0°52'16
asc. node	-4753 Dec 09 j 15:46	1° ♁ 30'29			-4752 Oct 24 j 17:12	0° ♁	
evening max el	-4753 Dec 10 j 01:32	1° ♁ 55'39	18°09'11	evening rise	-4752 Nov 03 j 13:46	16° ♁ 14'38	
retrograde	-4753 Dec 16 j 15:45	5° ♁ 24'42			-4752 Nov 11 j 19:58	0° ♁	
evening set	-4753 Dec 19 j 09:36	4° ♁ 47'40		evening max el	-4752 Nov 22 j 14:14	15° ♁ 16'08	18°25'17
	-4753 Dec 25 j 10:23	30° ♁		asc. node	-4752 Nov 25 j 12:54	17° ♁ 43'33	
inferior conj	-4753 Dec 25 j 19:57	29° ♁ 35'28	3°55'31	retrograde	-4752 Nov 29 j 04:31	18° ♁ 54'02	
minimum elong	-4753 Dec 25 j 17:48	29° ♁ 41'01	3°55'04	evening set	-4752 Dec 02 j 02:26	18° ♁ 07'51	
min. Earth dist.	-4753 Dec 28 j 13:22	26° ♁ 47'56	0.62453 AU	inferior conj	-4752 Dec 08 j 03:43	12° ♁ 36'43	3°29'03
morning rise	-4752 Jan 01 j 01:10	23° ♁ 43'55		minimum elong	-4752 Dec 08 j 00:36	12° ♁ 45'37	3°28'14
direct	-4752 Jan 08 j 03:03	21° ♁ 06'21		min. Earth dist.	-4752 Dec 10 j 06:41	10° ♁ 11'17	0.64106 AU
desc. node	-4752 Jan 21 j 17:11	28° ♁ 30'49		morning rise	-4752 Dec 13 j 22:16	6° ♁ 35'01	
morning max el	-4752 Jan 22 j 00:25	28° ♁ 48'26	27°41'54	direct	-4752 Dec 20 j 20:41	3° ♁ 45'06	
	-4752 Jan 23 j 04:48	0° ♁		morning max el	-4751 Jan 03 j 09:07	11° ♁ 26'23	27°25'37
	-4752 Feb 13 j 14:05	0° ♁		desc. node	-4751 Jan 07 j 14:12	15° ♁ 58'13	
morning set	-4752 Feb 24 j 13:15	20° ♁ 33'34			-4751 Jan 18 j 05:03	0° ♁	
	-4752 Feb 29 j 02:09	0° ♁			-4751 Feb 04 j 23:38	0° ♁	
max. Earth dist.	-4752 Mar 01 j 06:18	2° ♁ 30'19	1.32958 AU	morning set	-4751 Feb 07 j 08:55	4° ♁ 37'46	
				max. Earth dist.	-4751 Feb 12 j 08:54	14° ♁ 45'54	1.33673 AU
superior conj	-4752 Mar 02 j 23:40	6° ♁ 13'16	-0°36'58	superior conj	-4751 Feb 15 j 06:17	20° ♁ 50'52	-1°00'37
minimum elong	-4752 Mar 03 j 01:17	6° ♁ 22'03	0°36'51	minimum elong	-4751 Feb 15 j 08:47	21° ♁ 04'11	1°00'25
asc. node	-4752 Mar 06 j 14:59	14° ♁ 06'29			-4751 Feb 19 j 13:06	0° ♁	
evening rise	-4752 Mar 10 j 00:37	21° ♁ 22'53		asc. node	-4751 Feb 21 j 12:00	4° ♁ 09'11	
	-4752 Mar 14 j 05:52	0° ♁		evening rise	-4751 Feb 22 j 11:47	6° ♁ 14'19	
	-4752 Apr 03 j 06:24	0° ♁			-4751 Mar 07 j 09:12	0° ♁	
evening max el	-4752 Apr 03 j 13:21	0° ♁ 16'47	24°04'02	evening max el	-4751 Mar 16 j 06:44	11° ♁ 01'15	22°29'55
retrograde	-4752 Apr 17 j 08:15	7° ♁ 10'45		retrograde	-4751 Mar 29 j 05:30	17° ♁ 20'12	
desc. node	-4752 Apr 18 j 15:53	7° ♁ 06'49		evening set	-4751 Apr 01 j 06:35	16° ♁ 59'48	
evening set	-4752 Apr 21 j 13:02	6° ♁ 31'33		desc. node	-4751 Apr 05 j 13:05	15° ♁ 30'16	
min. Earth dist.	-4752 Apr 28 j 01:06	3° ♁ 23'48	0.56457 AU	min. Earth dist.	-4751 Apr 09 j 15:25	13° ♁ 20'31	0.55407 AU
inferior conj	-4752 Apr 30 j 11:27	1° ♁ 53'23	-2°57'07	inferior conj	-4751 Apr 10 j 14:34	12° ♁ 47'30	-1°22'21
minimum elong	-4752 Apr 30 j 05:46	2° ♁ 02'15	2°55'42	minimum elong	-4751 Apr 10 j 10:56	12° ♁ 52'42	1°21'14
	-4752 May 03 j 15:41	30° ♁		morning rise	-4751 Apr 19 j 17:05	8° ♁ 49'46	
morning rise	-4752 May 09 j 01:30	27° ♁ 50'28		direct	-4751 Apr 22 j 06:27	8° ♁ 34'41	
direct	-4752 May 11 j 12:21	27° ♁ 34'37		morning max el	-4751 May 03 j 17:48	13° ♁ 57'29	21°00'26
	-4752 May 18 j 16:03	0° ♁			-4751 May 15 j 12:09	0° ♁	
morning max el	-4752 May 21 j 07:06	2° ♁ 07'20	19°44'58	asc. node	-4751 May 20 j 11:45	9° ♁ 21'11	
asc. node	-4752 Jun 02 j 14:48	19° ♁ 50'34		morning set	-4751 May 23 j 06:00	14° ♁ 55'45	
morning set	-4752 Jun 07 j 23:06	0° ♁ 14'02					
	-4752 Jun 07 j 20:18	0° ♁		superior conj	-4751 May 30 j 18:59	0° ♁ 33'56	1°28'43
superior conj	-4752 Jun 15 j 23:23	16° ♁ 22'06	1°42'02	minimum elong	-4751 May 30 j 16:18	0° ♁ 20'04	1°28'31
minimum elong	-4752 Jun 15 j 21:17	16° ♁ 11'41	1°42'04		-4751 May 30 j 12:23	0° ♁	
max. Earth dist.	-4752 Jun 21 j 14:29	27° ♁ 15'05	1.37180 AU	max. Earth dist.	-4751 Jun 03 j 23:48	9° ♁ 03'09	1.35555 AU
	-4752 Jun 23 j 01:51	0° ♁		evening rise	-4751 Jun 08 j 08:17	17° ♁ 28'07	
evening rise	-4752 Jun 25 j 12:18	4° ♁ 26'50			-4751 Jun 15 j 06:59	0° ♁	
	-4752 Jul 10 j 23:45	0° ♁		desc. node	-4751 Jul 02 j 11:32	26° ♁ 23'52	
desc. node	-4752 Jul 15 j 14:25	6° ♁ 45'31			-4751 Jul 05 j 05:43	0° ♁	
evening max el	-4752 Jul 31 j 10:01	26° ♁ 18'19	25°29'49	evening max el	-4751 Jul 13 j 20:52	9° ♁ 47'19	26°31'53
	-4752 Aug 04 j 15:18	0° ♁		retrograde	-4751 Jul 26 j 17:23	17° ♁ 04'10	
retrograde	-4752 Aug 12 j 11:46	3° ♁ 17'14		evening set	-4751 Aug 02 j 07:30	14° ♁ 17'55	
evening set	-4752 Aug 18 j 12:25	0° ♁ 42'07		min. Earth dist.	-4751 Aug 06 j 08:05	10° ♁ 03'15	0.65969 AU
	-4752 Aug 19 j 06:38	30° ♁		inferior conj	-4751 Aug 07 j 22:09	8° ♁ 07'24	-2°38'31
min. Earth dist.	-4752 Aug 22 j 21:04	25° ♁ 49'01	0.66788 AU	minimum elong	-4751 Aug 08 j 01:28	7° ♁ 57'18	2°37'12
inferior conj	-4752 Aug 23 j 22:34	24° ♁ 26'24	-1°50'34	morning rise	-4751 Aug 13 j 19:42	2° ♁ 20'54	
minimum elong	-4752 Aug 24 j 01:03	24° ♁ 18'22	1°49'24	asc. node	-4751 Aug 16 j 11:16	1° ♁ 28'45	
morning rise	-4752 Aug 29 j 13:46	18° ♁ 27'52		direct	-4751 Aug 16 j 21:11	1° ♁ 27'47	
asc. node	-4752 Aug 29 j 14:10	18° ♁ 27'12		morning max el	-4751 Aug 23 j 15:45	5° ♁ 14'42	18°43'42
direct	-4752 Sep 01 j 23:28	17° ♁ 20'44			-4751 Sep 09 j 17:35	0° ♁	
morning max el	-4752 Sep 09 j 06:23	21° ♁ 31'43	19°32'21	morning set	-4751 Sep 13 j 11:50	6° ♁ 02'00	
	-4752 Sep 16 j 01:38	0° ♁		desc. node	-4751 Sep 28 j 11:02	29° ♁ 48'14	
morning set	-4752 Oct 03 j 13:50	26° ♁ 34'03			-4751 Sep 28 j 14:02	0° ♁	
	-4752 Oct 05 j 18:41	0° ♁		superior conj	-4751 Sep 29 j 07:33	1° ♁ 09'05	-0°05'24
desc. node	-4752 Oct 11 j 14:08	9° ♁ 05'34					

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4751 Sep 29 j 06:52	1° \mathbb{M} 06'21	0°05'11	superior conj	-4750 Sep 08 j 11:55	9° \mathbb{Q} 41'38	0°42'18
behind sun begin	-4751 Sep 28 j 19:56	0° \mathbb{M} 23'18		minimum elong	-4750 Sep 08 j 16:42	10° \mathbb{Q} 00'49	0°41'54
behind sun end	-4751 Sep 29 j 17:47	1° \mathbb{M} 49'25		max. Earth dist.	-4750 Sep 12 j 06:52	15° \mathbb{Q} 43'56	1.44513 AU
max. Earth dist.	-4751 Sep 29 j 13:24	1° \mathbb{M} 32'09	1.44798 AU	desc. node	-4750 Sep 15 j 07:59	20° \mathbb{Q} 32'34	
evening rise	-4751 Oct 15 j 08:16	26° \mathbb{M} 32'32			-4750 Sep 21 j 08:58	0° \mathbb{M}	
	-4751 Oct 17 j 12:11	0° \mathbb{Q}		evening rise	-4750 Sep 25 j 02:26	5° \mathbb{M} 47'55	
evening max el	-4751 Nov 06 j 01:10	28° \mathbb{Q} 41'18	18°59'04	greatest brilliancy	-4750 Oct 07 j 18:50	25° \mathbb{M} 16'45	-0.7m
	-4751 Nov 07 j 10:00	0° \mathbb{M}			-4750 Oct 10 j 23:18	0° \mathbb{Q}	
asc. node	-4751 Nov 12 j 10:04	2° \mathbb{M} 35'21		evening max el	-4750 Oct 20 j 08:07	12° \mathbb{Q} 08'21	19°49'04
retrograde	-4751 Nov 12 j 22:44	2° \mathbb{M} 36'56		retrograde	-4750 Oct 27 j 19:29	16° \mathbb{Q} 29'37	
evening set	-4751 Nov 16 j 02:33	1° \mathbb{M} 39'30		asc. node	-4750 Oct 30 j 07:13	15° \mathbb{Q} 53'36	
	-4751 Nov 18 j 05:26	30° \mathbb{R} \mathbb{Q}		evening set	-4750 Oct 31 j 07:26	15° \mathbb{Q} 18'16	
inferior conj	-4751 Nov 21 j 20:49	25° \mathbb{Q} 52'31	2°51'27	inferior conj	-4750 Nov 05 j 20:28	9° \mathbb{Q} 18'35	2°06'32
minimum elong	-4751 Nov 21 j 17:38	26° \mathbb{Q} 02'23	2°50'26	minimum elong	-4750 Nov 05 j 17:50	9° \mathbb{Q} 27'15	2°05'34
min. Earth dist.	-4751 Nov 23 j 09:39	23° \mathbb{Q} 58'20	0.65424 AU	min. Earth dist.	-4750 Nov 06 j 20:27	7° \mathbb{Q} 59'44	0.66391 AU
morning rise	-4751 Nov 27 j 08:23	19° \mathbb{Q} 43'24		morning rise	-4750 Nov 11 j 03:59	3° \mathbb{Q} 04'49	
direct	-4751 Dec 03 j 20:52	16° \mathbb{Q} 55'02		direct	-4750 Nov 17 j 02:52	0° \mathbb{Q} 28'40	
morning max el	-4751 Dec 16 j 18:55	24° \mathbb{Q} 26'17	26°38'38	morning max el	-4750 Nov 29 j 03:58	7° \mathbb{Q} 36'35	25°29'05
	-4751 Dec 21 j 20:38	0° \mathbb{M}		desc. node	-4750 Dec 12 j 08:08	23° \mathbb{Q} 43'01	
desc. node	-4751 Dec 25 j 11:10	4° \mathbb{M} 28'21			-4750 Dec 16 j 17:34	0° \mathbb{M}	
	-4750 Jan 11 j 14:30	0° \mathbb{X}		morning set	-4749 Jan 04 j 09:43	0° \mathbb{X} 35'29	
morning set	-4750 Jan 21 j 17:20	18° \mathbb{X} 03'03			-4749 Jan 04 j 01:53	0° \mathbb{X}	
max. Earth dist.	-4750 Jan 26 j 00:38	26° \mathbb{X} 25'18	1.34822 AU	max. Earth dist.	-4749 Jan 08 j 04:41	7° \mathbb{X} 36'14	1.36419 AU
	-4750 Jan 27 j 19:23	0° \mathbb{Z}					
superior conj	-4750 Jan 30 j 07:20	5° \mathbb{Z} 06'49	-1°21'59	superior conj	-4749 Jan 14 j 00:06	18° \mathbb{X} 53'09	-1°39'23
minimum elong	-4750 Jan 30 j 10:20	5° \mathbb{Z} 22'19	1°21'49	minimum elong	-4749 Jan 14 j 02:54	19° \mathbb{X} 07'08	1°39'22
evening rise	-4750 Feb 06 j 20:48	20° \mathbb{Z} 53'16			-4749 Jan 19 j 11:59	0° \mathbb{Z}	
asc. node	-4750 Feb 08 j 09:03	23° \mathbb{Z} 59'13		evening rise	-4749 Jan 22 j 01:42	5° \mathbb{Z} 13'51	
	-4750 Feb 11 j 09:42	0° \mathbb{Z}		asc. node	-4749 Jan 26 j 06:07	13° \mathbb{Z} 30'58	
evening max el	-4750 Feb 26 j 07:12	22° \mathbb{Z} 05'28	21°02'25		-4749 Feb 05 j 08:58	0° \mathbb{Z}	
retrograde	-4750 Mar 09 j 19:29	27° \mathbb{Z} 34'37		evening max el	-4749 Feb 08 j 17:54	3° \mathbb{Z} 43'18	19°49'42
evening set	-4750 Mar 12 j 06:01	27° \mathbb{Z} 20'44		retrograde	-4749 Feb 18 j 13:31	8° \mathbb{Z} 22'05	
inferior conj	-4750 Mar 21 j 10:05	23° \mathbb{Z} 22'20	0°33'05	evening set	-4749 Feb 20 j 21:49	8° \mathbb{Z} 07'23	
minimum elong	-4750 Mar 21 j 11:35	23° \mathbb{Z} 20'12	0°32'24	inferior conj	-4749 Mar 01 j 11:57	4° \mathbb{Z} 05'30	2°17'22
min. Earth dist.	-4750 Mar 22 j 05:47	22° \mathbb{Z} 54'15	0.55237 AU	minimum elong	-4749 Mar 01 j 16:53	3° \mathbb{Z} 57'49	2°15'45
desc. node	-4750 Mar 23 j 10:14	22° \mathbb{Z} 14'12		min. Earth dist.	-4749 Mar 03 j 20:10	2° \mathbb{Z} 38'20	0.55997 AU
morning rise	-4750 Mar 30 j 16:29	19° \mathbb{Z} 11'58			-4749 Mar 08 j 22:03	30° \mathbb{R} \mathbb{Z}	
direct	-4750 Apr 02 j 18:35	18° \mathbb{Z} 51'08		morning rise	-4749 Mar 10 j 09:35	29° \mathbb{Z} 38'51	
morning max el	-4750 Apr 15 j 17:57	25° \mathbb{Z} 07'20	22°31'45	desc. node	-4749 Mar 10 j 07:24	29° \mathbb{Z} 30'32	
	-4750 Apr 20 j 05:32	0° \mathbb{H}		direct	-4749 Mar 14 j 13:22	28° \mathbb{Z} 50'21	
asc. node	-4750 May 07 j 08:45	29° \mathbb{H} 11'08			-4749 Mar 20 j 02:17	0° \mathbb{Z}	
morning set	-4750 May 07 j 16:29	29° \mathbb{H} 51'15		morning max el	-4749 Mar 28 j 10:26	5° \mathbb{Z} 47'48	24°10'33
	-4750 May 07 j 18:09	0° \mathbb{Y}			-4749 Apr 14 j 15:31	0° \mathbb{H}	
superior conj	-4750 May 14 j 22:05	15° \mathbb{Y} 10'31	1°10'50	morning set	-4749 Apr 22 j 04:35	14° \mathbb{H} 53'19	
minimum elong	-4750 May 14 j 19:28	14° \mathbb{Y} 56'45	1°10'28	asc. node	-4749 Apr 24 j 05:44	19° \mathbb{H} 13'48	
max. Earth dist.	-4750 May 17 j 19:08	21° \mathbb{Y} 12'00	1.34283 AU				
	-4750 May 22 j 03:29	0° \mathbb{B}		superior conj	-4749 Apr 29 j 05:58	0° \mathbb{Y} 02'12	0°49'45
evening rise	-4750 May 22 j 18:55	1° \mathbb{B} 15'50		minimum elong	-4749 Apr 29 j 03:57	29° \mathbb{H} 51'15	0°49'21
	-4750 Jun 08 j 05:57	0° \mathbb{H}			-4749 Apr 29 j 05:34	0° \mathbb{Y}	
desc. node	-4750 Jun 19 j 08:40	15° \mathbb{H} 25'47		max. Earth dist.	-4749 Apr 30 j 23:44	3° \mathbb{Y} 46'30	1.33380 AU
evening max el	-4750 Jun 26 j 08:11	23° \mathbb{H} 08'17	27°12'36	evening rise	-4749 May 06 j 15:50	15° \mathbb{Y} 35'28	
	-4750 Jul 06 j 10:49	0° \mathbb{Q}			-4749 May 14 j 04:43	0° \mathbb{B}	
retrograde	-4750 Jul 09 j 17:47	0° \mathbb{Q} 32'37		desc. node	-4749 Jun 03 j 01:58	0° \mathbb{H}	
	-4750 Jul 12 j 20:49	30° \mathbb{R} \mathbb{H}		evening max el	-4749 Jun 06 j 05:49	3° \mathbb{H} 34'53	
evening set	-4750 Jul 16 j 17:38	27° \mathbb{H} 45'08		retrograde	-4749 Jun 08 j 18:12	6° \mathbb{H} 08'16	27°25'20
min. Earth dist.	-4750 Jul 20 j 11:32	24° \mathbb{H} 07'38	0.64776 AU		-4749 Jun 22 j 12:05	13° \mathbb{H} 33'02	
inferior conj	-4750 Jul 22 j 15:18	21° \mathbb{H} 42'45	-3°20'36	evening set	-4749 Jun 29 j 15:24	10° \mathbb{H} 57'20	
minimum elong	-4750 Jul 22 j 18:56	21° \mathbb{H} 32'35	3°19'27	min. Earth dist.	-4749 Jul 03 j 05:39	7° \mathbb{H} 51'14	0.63206 AU
morning rise	-4750 Jul 28 j 20:46	16° \mathbb{H} 11'13		inferior conj	-4749 Jul 05 j 23:18	5° \mathbb{H} 06'00	-3°53'31
direct	-4750 Jul 31 j 16:20	15° \mathbb{H} 28'59		minimum elong	-4749 Jul 06 j 02:22	4° \mathbb{H} 58'17	3°52'49
asc. node	-4750 Aug 03 j 08:21	16° \mathbb{H} 06'29			-4749 Jul 12 j 07:27	30° \mathbb{R} \mathbb{B}	
morning max el	-4750 Aug 07 j 05:04	19° \mathbb{H} 00'16	18°11'43	morning rise	-4749 Jul 12 j 14:16	29° \mathbb{B} 52'31	
	-4750 Aug 15 j 08:42	0° \mathbb{Q}		direct	-4749 Jul 15 j 06:03	29° \mathbb{B} 18'36	
morning set	-4750 Aug 25 j 13:03	16° \mathbb{Q} 48'30			-4749 Jul 18 j 03:53	0° \mathbb{H}	
	-4750 Sep 02 j 12:10	0° \mathbb{Q}		asc. node	-4749 Jul 21 j 05:24	2° \mathbb{H} 08'27	
				morning max el	-4749 Jul 21 j 19:47	2° \mathbb{H} 42'40	17°57'32
				morning set	-4749 Aug 07 j 14:41	28° \mathbb{H} 44'42	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4749 Aug 08 j 07:51	0°☾		superior conj	-4748 Jul 30 j 20:46	0°☾22'23	1°40'46
				minimum elong	-4748 Jul 31 j 00:16	0°☾37'42	1°40'48
superior conj	-4749 Aug 19 j 14:29	19°☾20'41	1°18'58		-4748 Jul 30 j 15:40	0°☾	
minimum elong	-4749 Aug 19 j 20:16	19°☾44'43	1°18'37	max. Earth dist.	-4748 Aug 07 j 07:50	13°☾06'09	1.42029 AU
max. Earth dist.	-4749 Aug 25 j 21:48	29°☾40'44	1.43548 AU	evening rise	-4748 Aug 13 j 16:13	23°☾25'20	
	-4749 Aug 26 j 02:35	0°♌			-4748 Aug 17 j 20:40	0°♌	
desc. node	-4749 Sep 02 j 04:56	11°♌15'15		desc. node	-4748 Aug 19 j 01:53	1°♌52'52	
evening rise	-4749 Sep 04 j 06:29	14°♌28'01			-4748 Sep 07 j 13:41	0°♍	
	-4749 Sep 14 j 11:18	0°♍		evening max el	-4748 Sep 15 j 04:14	8°♍59'40	22°07'38
evening max el	-4749 Oct 03 j 09:22	25°♍34'52	20°53'03	retrograde	-4748 Sep 24 j 11:59	14°♍31'51	
	-4749 Oct 09 j 07:21	0°♎		evening set	-4748 Sep 28 j 22:51	12°♍44'50	
retrograde	-4749 Oct 11 j 16:28	0°♎28'56		asc. node	-4748 Oct 03 j 01:28	8°♍08'19	
	-4749 Oct 13 j 22:55	30°♎		inferior conj	-4748 Oct 04 j 06:21	6°♍29'25	0°24'35
evening set	-4749 Oct 15 j 14:50	29°♎00'52		minimum elong	-4748 Oct 04 j 05:46	6°♍31'23	0°24'27
asc. node	-4749 Oct 17 j 04:20	27°♎37'17		min. Earth dist.	-4748 Oct 04 j 08:19	6°♍22'37	0.67344 AU
inferior conj	-4749 Oct 21 j 00:18	22°♎51'43	1°16'55	morning rise	-4748 Oct 09 j 12:35	0°♍14'32	
minimum elong	-4749 Oct 20 j 22:36	22°♎57'33	1°16'16		-4748 Oct 09 j 19:46	30°♎♌	
min. Earth dist.	-4749 Oct 21 j 12:49	22°♎09'06	0.67021 AU	direct	-4748 Oct 14 j 05:16	28°♌18'29	
morning rise	-4749 Oct 26 j 06:10	16°♎36'01			-4748 Oct 19 j 02:30	0°♎	
direct	-4749 Oct 31 j 13:53	14°♎18'38		morning max el	-4748 Oct 23 j 23:38	4°♎07'53	22°40'26
morning max el	-4749 Nov 11 j 12:43	20°♎50'43	24°06'36		-4748 Nov 12 j 15:54	0°♏	
	-4749 Nov 19 j 09:52	0°♏		desc. node	-4748 Nov 15 j 01:56	3°♏36'42	
desc. node	-4749 Nov 29 j 05:03	13°♏29'05		morning set	-4748 Nov 26 j 19:09	21°♏59'59	
	-4749 Dec 09 j 23:28	0°♐			-4748 Dec 01 j 14:26	0°♐	
morning set	-4749 Dec 17 j 04:12	11°♐59'03		max. Earth dist.	-4748 Dec 01 j 23:02	0°♐36'32	1.40424 AU
max. Earth dist.	-4749 Dec 21 j 01:40	18°♐48'55	1.38362 AU				
	-4749 Dec 27 j 03:41	0°♑		superior conj	-4748 Dec 09 j 16:58	14°♐12'35	-1°52'45
				minimum elong	-4748 Dec 09 j 15:59	14°♐08'06	1°52'53
superior conj	-4749 Dec 28 j 04:56	1°♑59'44	-1°50'37		-4748 Dec 18 j 04:52	0°♑	
minimum elong	-4749 Dec 28 j 06:30	2°♑07'14	1°50'47	evening rise	-4748 Dec 19 j 13:18	2°♑33'25	
evening rise	-4748 Jan 06 j 00:11	19°♑09'57		asc. node	-4748 Dec 30 j 00:15	21°♑11'19	
	-4748 Jan 11 j 16:01	0°♒		evening max el	-4747 Jan 04 j 19:24	28°♑37'23	18°22'02
asc. node	-4748 Jan 13 j 03:10	2°♒37'59			-4747 Jan 06 j 09:05	0°♒	
evening max el	-4748 Jan 22 j 14:39	15°♒56'11	18°55'48	retrograde	-4747 Jan 12 j 03:26	2°♒15'18	
retrograde	-4748 Jan 30 j 23:09	19°♒56'51		evening set	-4747 Jan 14 j 16:40	1°♒50'08	
evening set	-4748 Feb 02 j 09:46	19°♒37'42			-4747 Jan 18 j 06:58	30°♒♑	
inferior conj	-4748 Feb 10 j 06:55	15°♒19'46	3°27'32	inferior conj	-4747 Jan 21 j 22:16	27°♑11'23	4°00'27
minimum elong	-4748 Feb 10 j 11:14	15°♒12'01	3°26'31	minimum elong	-4747 Jan 21 j 23:48	27°♑08'10	4°00'06
min. Earth dist.	-4748 Feb 13 j 11:33	13°♒03'27	0.57492 AU	min. Earth dist.	-4747 Jan 25 j 06:43	24°♑24'44	0.59393 AU
morning rise	-4748 Feb 18 j 10:13	10°♒14'22		morning rise	-4747 Jan 29 j 05:01	21°♑42'50	
direct	-4748 Feb 23 j 20:15	9°♒04'15		direct	-4747 Feb 04 j 15:22	19°♑53'37	
desc. node	-4748 Feb 25 j 04:31	9°♒08'36		desc. node	-4747 Feb 11 j 01:36	21°♑35'32	
morning max el	-4748 Mar 09 j 01:27	16°♒25'38	25°43'24	morning max el	-4747 Feb 18 j 20:42	27°♑27'53	26°55'19
	-4748 Mar 20 j 02:27	0°♓			-4747 Feb 21 j 07:45	0°♓	
morning set	-4748 Apr 05 j 16:37	29°♓55'54			-4747 Mar 13 j 13:31	0°♓	
	-4748 Apr 05 j 17:24	0°♈		morning set	-4747 Mar 21 j 02:52	14°♓52'21	
asc. node	-4748 Apr 10 j 02:43	9°♈24'21		asc. node	-4747 Mar 27 j 23:41	29°♓38'10	
superior conj	-4748 Apr 12 j 16:40	15°♈02'10	0°26'31	superior conj	-4747 Mar 28 j 04:23	0°♈03'57	0°02'03
minimum elong	-4748 Apr 12 j 15:31	14°♈55'55	0°26'12	minimum elong	-4747 Mar 28 j 04:18	0°♈03'28	0°01'55
max. Earth dist.	-4748 Apr 13 j 10:40	16°♈40'17	1.32827 AU	behind sun begin	-4747 Mar 27 j 23:20	29°♓36'17	
evening rise	-4748 Apr 19 j 19:49	0°♉16'15		behind sun end	-4747 Mar 28 j 09:16	0°♈30'40	
	-4748 Apr 19 j 16:40	0°♉		max. Earth dist.	-4747 Mar 28 j 00:10	29°♓40'49	1.32604 AU
	-4748 May 06 j 07:20	0°♊			-4747 Mar 28 j 03:40	0°♈	
evening max el	-4748 May 21 j 00:19	18°♊34'19	27°05'46	evening rise	-4747 Apr 04 j 04:17	15°♈09'17	
desc. node	-4748 May 23 j 02:58	20°♊28'46			-4747 Apr 11 j 16:49	0°♉	
retrograde	-4748 Jun 03 j 23:24	25°♊56'42			-4747 May 02 j 16:43	0°♊	
evening set	-4748 Jun 10 j 20:49	23°♊46'26		evening max el	-4747 May 03 j 00:23	0°♊18'31	26°14'03
min. Earth dist.	-4748 Jun 14 j 13:44	21°♊00'14	0.61321 AU	desc. node	-4747 May 10 j 00:08	5°♊37'04	
inferior conj	-4748 Jun 17 j 18:51	18°♊09'22	-4°12'13	retrograde	-4747 May 17 j 02:32	7°♊36'51	
minimum elong	-4748 Jun 17 j 20:07	18°♊06'33	4°11'59	evening set	-4747 May 23 j 06:08	6°♊02'41	
morning rise	-4748 Jun 24 j 21:01	13°♊16'35		min. Earth dist.	-4747 May 27 j 13:10	3°♊19'53	0.59278 AU
direct	-4748 Jun 27 j 10:35	12°♊49'12		inferior conj	-4747 May 30 j 22:18	0°♊43'48	-4°09'10
morning max el	-4748 Jul 04 j 09:15	16°♊15'47	18°02'05	minimum elong	-4747 May 30 j 20:31	0°♊47'15	4°08'56
asc. node	-4748 Jul 07 j 02:26	19°♊19'05			-4747 May 31 j 21:07	30°♒♉	
	-4748 Jul 14 j 00:57	0°♊		morning rise	-4747 Jun 07 j 13:25	26°♉12'54	
morning set	-4748 Jul 20 j 11:17	11°♊36'00		direct	-4747 Jun 10 j 01:33	25°♉50'58	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning max el	-4747 Jun 17 j 18:40	29° Υ 32'00	18°26'11			-4746 Jun 12 j 23:30	0° B	
	-4747 Jun 18 j 06:09	0° B		morning set		-4746 Jun 17 j 18:51	9° B 16'20	
asc. node	-4747 Jun 23 j 23:27	7° B 23'37						
morning set	-4747 Jul 03 j 22:00	25° B 10'03		superior conj		-4746 Jun 26 j 03:53	25° B 48'22	1°46'56
	-4747 Jul 06 j 10:33	0° II		minimum elong		-4746 Jun 26 j 02:31	25° B 41'46	1°47'05
						-4746 Jun 28 j 08:23	0° II	
superior conj	-4747 Jul 13 j 03:12	12° II 37'21	1°49'06	max. Earth dist.		-4746 Jul 02 j 13:04	7° II 48'29	1.38229 AU
minimum elong	-4747 Jul 13 j 03:54	12° II 40'33	1°49'19	evening rise		-4746 Jul 06 j 10:20	14° II 44'58	
max. Earth dist.	-4747 Jul 20 j 11:55	25° II 47'34	1.40168 AU			-4746 Jul 15 j 13:35	0° B	
	-4747 Jul 22 j 22:53	0° B		desc. node		-4746 Jul 23 j 19:57	12° B 36'34	
evening rise	-4747 Jul 25 j 00:03	3° B 26'19				-4746 Aug 05 j 20:03	0° B	
desc. node	-4747 Aug 05 j 22:53	22° B 21'49		evening max el		-4746 Aug 11 j 04:45	5° B 52'56	24°47'36
	-4747 Aug 11 j 03:10	0° B		retrograde		-4746 Aug 22 j 17:43	12° B 37'33	
evening max el	-4747 Aug 28 j 17:50	22° B 24'59	23°27'59	evening set		-4746 Aug 28 j 09:39	10° B 11'57	
retrograde	-4747 Sep 08 j 04:45	28° B 36'13		min. Earth dist.		-4746 Sep 01 j 23:18	4° B 57'06	0.67091 AU
evening set	-4747 Sep 13 j 05:44	26° B 29'20		inferior conj		-4746 Sep 02 j 18:10	3° B 54'16	-1°21'15
min. Earth dist.	-4747 Sep 18 j 04:38	20° B 39'20	0.67370 AU	minimum elong		-4746 Sep 02 j 20:01	3° B 48'05	1°20'18
inferior conj	-4747 Sep 18 j 12:52	20° B 11'04	-0°28'40			-4746 Sep 05 j 21:16	30° B 36	
minimum elong	-4747 Sep 18 j 13:32	20° B 08'48	0°28'14	asc. node		-4746 Sep 06 j 19:43	29° B 02'16	
asc. node	-4747 Sep 19 j 22:35	18° B 17'02		morning rise		-4746 Sep 08 j 06:24	27° B 49'59	
morning rise	-4747 Sep 23 j 21:17	13° B 59'54		direct		-4746 Sep 11 j 21:45	26° B 33'24	
direct	-4747 Sep 28 j 00:18	12° B 24'42				-4746 Sep 18 j 13:14	0° B	
morning max el	-4747 Oct 06 j 15:48	17° B 31'26	21°18'41	morning max el		-4746 Sep 19 j 14:53	1° B 02'42	20°07'13
	-4747 Oct 16 j 16:41	0° B				-4746 Oct 10 j 09:44	0° B	
desc. node	-4747 Nov 01 j 22:49	23° B 59'54		morning set		-4746 Oct 16 j 05:42	8° B 58'53	
	-4747 Nov 05 j 19:28	0° B		desc. node		-4746 Oct 19 j 19:43	14° B 33'31	
morning set	-4747 Nov 06 j 07:03	0° B 45'28		max. Earth dist.		-4746 Oct 27 j 11:59	26° B 41'16	1.43787 AU
max. Earth dist.	-4747 Nov 14 j 01:57	13° B 14'59	1.42321 AU			-4746 Oct 29 j 13:30	0° B	
superior conj	-4747 Nov 21 j 06:36	25° B 18'16	-1°42'07	superior conj		-4746 Nov 01 j 17:10	5° B 06'48	-1°15'36
minimum elong	-4747 Nov 21 j 02:06	24° B 59'01	1°41'55	minimum elong		-4746 Nov 01 j 10:27	4° B 39'24	1°14'55
	-4747 Nov 23 j 23:47	0° B		evening rise		-4746 Nov 14 j 20:25	27° B 10'50	
evening rise	-4747 Dec 02 j 13:31	15° B 16'47				-4746 Nov 16 j 11:44	0° B	
	-4747 Dec 10 j 20:57	0° B		evening max el		-4746 Dec 02 j 18:06	24° B 55'40	18°13'49
asc. node	-4747 Dec 16 j 21:20	9° B 00'45		asc. node		-4746 Dec 03 j 18:26	25° B 53'29	
evening max el	-4747 Dec 19 j 05:29	11° B 39'36	18°08'17	retrograde		-4746 Dec 09 j 07:25	28° B 27'08	
retrograde	-4747 Dec 25 j 23:38	15° B 08'29		evening set		-4746 Dec 12 j 02:47	27° B 46'30	
evening set	-4747 Dec 28 j 15:31	14° B 36'16		inferior conj		-4746 Dec 18 j 09:03	22° B 26'15	3°45'54
inferior conj	-4746 Jan 04 j 08:11	9° B 36'08	4°03'37	minimum elong		-4746 Dec 18 j 06:22	22° B 33'30	3°45'18
minimum elong	-4746 Jan 04 j 07:05	9° B 38'46	4°03'19	min. Earth dist.		-4746 Dec 20 j 20:36	19° B 46'14	0.63199 AU
min. Earth dist.	-4746 Jan 07 j 09:02	6° B 42'29	0.61379 AU	morning rise		-4746 Dec 24 j 09:14	16° B 30'04	
morning rise	-4746 Jan 10 j 21:25	3° B 51'25		direct		-4746 Dec 31 j 10:48	13° B 44'59	
direct	-4746 Jan 17 j 20:58	1° B 27'32		morning max el		-4745 Jan 14 j 04:47	21° B 27'57	27°39'00
desc. node	-4746 Jan 28 j 22:39	6° B 27'12		desc. node		-4745 Jan 15 j 19:42	23° B 07'15	
morning max el	-4746 Jan 31 j 22:11	9° B 08'46	27°35'11			-4745 Jan 21 j 17:03	0° B	
	-4746 Feb 17 j 01:26	0° B				-4745 Feb 10 j 02:23	0° B	
morning set	-4746 Mar 05 j 09:24	29° B 35'29		morning set		-4745 Feb 17 j 09:54	13° B 57'13	
	-4746 Mar 05 j 14:10	0° B		max. Earth dist.		-4745 Feb 22 j 19:30	25° B 06'52	1.33207 AU
max. Earth dist.	-4746 Mar 11 j 12:22	12° B 34'02	1.32721 AU					
superior conj	-4746 Mar 12 j 15:31	15° B 01'37	-0°22'50	superior conj		-4745 Feb 25 j 00:23	29° B 49'14	-0°47'12
minimum elong	-4746 Mar 12 j 16:32	15° B 07'10	0°22'48	minimum elong		-4745 Feb 25 j 02:25	0° B 00'09	0°47'02
asc. node	-4746 Mar 14 j 20:39	19° B 51'12				-4745 Feb 25 j 02:23	0° B	
evening rise	-4746 Mar 19 j 15:14	0° B 07'07		asc. node		-4745 Mar 01 j 17:39	9° B 59'23	
	-4746 Mar 19 j 13:53	0° B		evening rise		-4745 Mar 04 j 02:52	15° B 03'23	
	-4746 Apr 05 j 06:56	0° B				-4745 Mar 11 j 16:15	0° B	
evening max el	-4746 Apr 14 j 18:41	11° B 24'25	24°56'12	evening max el		-4745 Mar 27 j 10:58	22° B 10'36	23°24'01
desc. node	-4746 Apr 26 j 21:19	18° B 23'01		retrograde		-4745 Apr 09 j 23:27	28° B 51'37	
retrograde	-4746 Apr 28 j 19:23	18° B 31'38		evening set		-4745 Apr 13 j 15:00	28° B 22'27	
evening set	-4746 May 03 j 18:16	17° B 35'13		desc. node		-4745 Apr 13 j 18:30	28° B 20'07	
min. Earth dist.	-4746 May 09 j 07:01	14° B 39'44	0.57359 AU	min. Earth dist.		-4745 Apr 20 j 22:14	25° B 02'50	0.55910 AU
inferior conj	-4746 May 12 j 06:29	12° B 40'23	-3°34'37	inferior conj		-4745 Apr 22 j 19:03	23° B 56'17	-2°21'07
minimum elong	-4746 May 12 j 01:35	12° B 48'38	3°33'40	minimum elong		-4745 Apr 22 j 13:40	24° B 04'19	2°19'36
morning rise	-4746 May 20 j 12:03	8° B 29'02		morning rise		-4745 May 01 j 14:56	19° B 56'59	
direct	-4746 May 22 j 22:55	8° B 11'32		direct		-4745 May 04 j 02:02	19° B 41'57	
morning max el	-4746 May 31 j 21:06	12° B 21'32	19°10'25	morning max el		-4745 May 14 j 14:00	24° B 35'23	20°14'46
asc. node	-4746 Jun 10 j 20:27	26° B 09'07				-4745 May 19 j 08:42	0° B	
				asc. node		-4745 May 28 j 17:28	15° B 26'01	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning set	-4745 Jun 01 j 22:50	23° Υ 47'24		morning set	-4744 May 16 j 07:31	8° Υ 35'37	
	-4745 Jun 04 j 23:45	0° \mathcal{B}					
superior conj	-4745 Jun 09 j 17:47	9° \mathcal{B} 41'26	1°37'03	superior conj	-4744 May 23 j 16:54	24° Υ 04'23	1°21'35
minimum elong	-4745 Jun 09 j 15:19	9° \mathcal{B} 29'04	1°36'58	minimum elong	-4744 May 23 j 14:10	23° Υ 50'11	1°21'19
max. Earth dist.	-4745 Jun 14 j 18:03	19° \mathcal{B} 34'25	1.36451 AU	max. Earth dist.	-4744 May 26 j 13:56	0° \mathcal{B}	
evening rise	-4745 Jun 18 j 19:39	27° \mathcal{B} 13'24		evening rise	-4744 May 27 j 07:48	1° \mathcal{B} 30'39	1.34974 AU
	-4745 Jun 20 j 08:15	0° Π			-4744 May 31 j 22:27	10° \mathcal{B} 35'47	
	-4745 Jul 08 j 22:21	0° \mathcal{E}			-4744 Jun 11 j 19:15	0° Π	
desc. node	-4745 Jul 10 j 17:01	2° \mathcal{E} 30'28		desc. node	-4744 Jun 26 j 14:08	21° Π 54'30	
evening max el	-4745 Jul 24 j 15:31	19° \mathcal{E} 23'36	25°58'26	evening max el	-4744 Jul 03 j 08:26	0° \mathcal{E}	
retrograde	-4745 Aug 06 j 02:03	26° \mathcal{E} 31'11		retrograde	-4744 Jul 06 j 02:50	2° \mathcal{E} 50'39	26°52'18
evening set	-4745 Aug 12 j 08:36	23° \mathcal{E} 50'43		evening set	-4744 Jul 19 j 05:15	10° \mathcal{E} 10'52	
min. Earth dist.	-4745 Aug 16 j 13:50	19° \mathcal{E} 13'37	0.66483 AU	evening set	-4744 Jul 26 j 00:13	7° \mathcal{E} 22'50	
inferior conj	-4745 Aug 17 j 20:24	17° \mathcal{E} 36'52	-2°11'28	min. Earth dist.	-4744 Jul 29 j 21:49	3° \mathcal{E} 24'24	0.65510 AU
minimum elong	-4745 Aug 17 j 23:17	17° \mathcal{E} 27'45	2°10'12	inferior conj	-4744 Jul 31 j 17:33	1° \mathcal{E} 15'44	-2°57'16
morning rise	-4745 Aug 23 j 14:05	11° \mathcal{E} 42'48		minimum elong	-4744 Jul 31 j 21:04	1° \mathcal{E} 05'20	2°55'59
asc. node	-4745 Aug 24 j 16:51	11° \mathcal{E} 08'08			-4744 Aug 01 j 19:33	30° \mathcal{R} Π	
direct	-4745 Aug 26 j 20:03	10° \mathcal{E} 41'52		morning rise	-4744 Aug 06 j 18:15	25° Π 35'12	
morning max el	-4745 Sep 02 j 20:51	14° \mathcal{E} 41'37	19°09'38	direct	-4744 Aug 09 j 17:04	24° Π 46'54	
	-4745 Sep 14 j 04:53	0° Ω		asc. node	-4744 Aug 10 j 13:57	24° Π 51'05	
morning set	-4745 Sep 25 j 14:17	17° Ω 46'39		morning max el	-4744 Aug 16 j 08:08	28° Π 25'47	18°28'01
	-4745 Oct 03 j 08:52	0° \mathcal{M}			-4744 Aug 17 j 18:44	0° \mathcal{E}	
desc. node	-4745 Oct 06 j 16:37	5° \mathcal{M} 13'42		morning set	-4744 Sep 04 j 23:50	27° \mathcal{E} 48'17	
max. Earth dist.	-4745 Oct 10 j 03:50	10° \mathcal{M} 41'44	1.44636 AU		-4744 Sep 06 j 08:10	0° Ω	
				superior conj	-4744 Sep 20 j 01:55	22° Ω 01'53	0°15'38
superior conj	-4745 Oct 12 j 02:31	13° \mathcal{M} 46'22	-0°33'42	minimum elong	-4744 Sep 20 j 03:56	22° Ω 09'53	0°15'32
minimum elong	-4745 Oct 11 j 22:18	13° \mathcal{M} 29'40	0°33'04	behind sun begin	-4744 Sep 20 j 00:28	21° Ω 56'11	
	-4745 Oct 22 j 05:55	0° \mathcal{E}		behind sun end	-4744 Sep 20 j 07:24	22° Ω 23'35	
evening rise	-4745 Oct 27 j 05:16	8° \mathcal{E} 05'55		max. Earth dist.	-4744 Sep 21 j 22:09	24° Ω 56'38	1.44765 AU
	-4745 Nov 09 j 20:20	0° \mathcal{M}		desc. node	-4744 Sep 22 j 13:33	25° Ω 57'19	
evening max el	-4745 Nov 16 j 06:27	8° \mathcal{M} 19'12	18°37'37		-4744 Sep 25 j 03:10	0° \mathcal{M}	
asc. node	-4745 Nov 20 j 15:35	11° \mathcal{M} 34'12		evening rise	-4744 Oct 06 j 13:00	17° \mathcal{M} 56'23	
retrograde	-4745 Nov 22 j 22:49	12° \mathcal{M} 03'10			-4744 Oct 14 j 05:13	0° \mathcal{E}	
evening set	-4745 Nov 25 j 23:06	11° \mathcal{M} 12'22		greatest brilliancy	-4744 Oct 16 j 07:53	3° \mathcal{E} 17'16	-0.8m
inferior conj	-4745 Dec 01 j 21:10	5° \mathcal{M} 34'13	3°14'10	evening max el	-4744 Oct 29 j 15:59	21° \mathcal{E} 45'45	19°18'27
minimum elong	-4745 Dec 01 j 17:56	5° \mathcal{M} 43'49	3°13'15	retrograde	-4744 Nov 05 j 18:29	25° \mathcal{E} 51'13	
min. Earth dist.	-4745 Dec 03 j 18:00	3° \mathcal{M} 21'25	0.64716 AU	asc. node	-4744 Nov 06 j 12:43	25° \mathcal{E} 47'53	
	-4745 Dec 06 j 22:24	30° \mathcal{R} \mathcal{E}		evening set	-4744 Nov 09 j 01:35	24° \mathcal{E} 48'00	
morning rise	-4745 Dec 07 j 12:22	29° \mathcal{E} 29'21		inferior conj	-4744 Nov 14 j 17:23	18° \mathcal{E} 55'01	2°33'08
direct	-4745 Dec 14 j 07:22	26° \mathcal{E} 38'31		minimum elong	-4744 Nov 14 j 14:22	19° \mathcal{E} 04'37	2°32'06
	-4745 Dec 22 j 16:08	0° \mathcal{M}		min. Earth dist.	-4744 Nov 16 j 00:27	17° \mathcal{E} 15'58	0.65877 AU
morning max el	-4745 Dec 27 j 14:03	4° \mathcal{M} 16'09	27°08'56	morning rise	-4744 Nov 20 j 02:55	12° \mathcal{E} 43'46	
desc. node	-4744 Jan 02 j 16:41	11° \mathcal{M} 04'00		direct	-4744 Nov 26 j 09:52	9° \mathcal{E} 59'51	
	-4744 Jan 16 j 04:44	0° \mathcal{X}		morning max el	-4744 Dec 08 j 23:44	17° \mathcal{E} 22'11	26°11'23
morning set	-4744 Feb 01 j 01:16	27° \mathcal{X} 46'18		desc. node	-4744 Dec 19 j 13:39	29° \mathcal{E} 55'02	
	-4744 Feb 02 j 04:38	0° \mathcal{Z}			-4744 Dec 19 j 15:08	0° \mathcal{M}	
max. Earth dist.	-4744 Feb 05 j 17:47	7° \mathcal{Z} 07'22	1.34111 AU		-4743 Jan 08 j 02:42	0° \mathcal{X}	
				morning set	-4743 Jan 14 j 03:31	10° \mathcal{X} 51'00	
superior conj	-4744 Feb 09 j 04:56	14° \mathcal{Z} 18'51	-1°10'02	max. Earth dist.	-4743 Jan 18 j 04:48	18° \mathcal{X} 34'30	1.35459 AU
minimum elong	-4744 Feb 09 j 07:43	14° \mathcal{Z} 33'27	1°09'50				
evening rise	-4744 Feb 16 j 13:21	29° \mathcal{Z} 50'33		superior conj	-4743 Jan 23 j 02:51	28° \mathcal{X} 23'19	-1°29'57
asc. node	-4744 Feb 16 j 14:40	29° \mathcal{Z} 57'24		minimum elong	-4743 Jan 23 j 05:52	28° \mathcal{X} 38'43	1°29'51
	-4744 Feb 16 j 15:10	0° \approx			-4743 Jan 23 j 21:47	0° \mathcal{Z}	
	-4744 Mar 05 j 10:02	0° \mathcal{X}		evening rise	-4743 Jan 30 j 20:54	14° \mathcal{Z} 22'48	
evening max el	-4744 Mar 08 j 06:52	3° \mathcal{X} 01'09	21°51'16	asc. node	-4743 Feb 02 j 11:41	19° \mathcal{Z} 40'21	
retrograde	-4744 Mar 20 j 15:59	8° \mathcal{X} 59'18			-4743 Feb 07 j 23:45	0° \approx	
evening set	-4744 Mar 23 j 09:19	8° \mathcal{X} 42'47		evening max el	-4743 Feb 18 j 11:21	14° \approx 18'01	20°29'10
desc. node	-4744 Mar 30 j 15:41	5° \mathcal{X} 47'51		retrograde	-4743 Mar 01 j 06:14	19° \approx 25'12	
inferior conj	-4744 Apr 01 j 17:19	4° \mathcal{X} 38'48	-0°34'08	evening set	-4743 Mar 03 j 14:52	19° \approx 11'31	
minimum elong	-4744 Apr 01 j 15:44	4° \mathcal{X} 41'02	0°33'43	inferior conj	-4743 Mar 12 j 13:45	15° \approx 13'06	1°20'31
min. Earth dist.	-4744 Apr 01 j 12:19	4° \mathcal{X} 45'50	0.55227 AU	minimum elong	-4743 Mar 12 j 17:11	15° \approx 08'05	1°19'13
morning rise	-4744 Apr 10 j 22:55	0° \mathcal{X} 38'00		min. Earth dist.	-4743 Mar 14 j 02:19	14° \approx 19'34	0.55462 AU
direct	-4744 Apr 13 j 16:25	0° \mathcal{X} 21'23		desc. node	-4743 Mar 17 j 12:49	12° \approx 27'53	
morning max el	-4744 Apr 25 j 19:54	6° \mathcal{X} 07'00	21°37'40	morning rise	-4743 Mar 21 j 18:04	10° \approx 52'59	
	-4744 May 12 j 00:47	0° Υ		direct	-4743 Mar 25 j 05:41	10° \approx 26'33	
asc. node	-4744 May 14 j 14:27	5° Υ 05'32		morning max el	-4743 Apr 07 j 16:12	17° \approx 01'35	23°13'36

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4743 Apr 18 j 00:45	0°♄		morning max el	-4742 Mar 20 j 07:29	27°♄38'16	24°51'43
morning set	-4743 Apr 30 j 18:52	23°♄34'27			-4742 Mar 22 j 14:58	0°♄	
asc. node	-4743 May 01 j 11:25	25°♄01'13			-4742 Apr 11 j 01:28	0°♄	
	-4743 May 03 j 19:42	0°♄		morning set	-4742 Apr 15 j 07:10	8°♄37'49	
				asc. node	-4742 Apr 18 j 08:22	15°♄07'54	
superior conj	-4743 May 07 j 22:17	8°♄47'56	1°02'12				
minimum elong	-4743 May 07 j 19:53	8°♄35'05	1°01'49	superior conj	-4742 Apr 22 j 07:38	23°♄44'29	0°40'06
max. Earth dist.	-4743 May 10 j 07:23	13°♄50'25	1.33856 AU	minimum elong	-4742 Apr 22 j 05:57	23°♄35'21	0°39'44
evening rise	-4743 May 15 j 13:52	24°♄37'49		max. Earth dist.	-4742 Apr 23 j 14:57	26°♄33'57	1.33098 AU
	-4743 May 18 j 07:59	0°♄			-4742 Apr 25 j 05:20	0°♄	
	-4743 Jun 05 j 07:42	0°♄		evening rise	-4742 Apr 29 j 14:09	9°♄07'52	
desc. node	-4743 Jun 13 j 11:16	10°♄35'45			-4742 May 10 j 17:12	0°♄	
evening max el	-4743 Jun 18 j 13:40	16°♄03'07	27°21'42	desc. node	-4742 May 31 j 08:25	28°♄16'19	
retrograde	-4743 Jul 02 j 03:02	23°♄28'14		evening max el	-4742 May 31 j 22:09	28°♄49'41	27°21'02
evening set	-4743 Jul 09 j 05:30	20°♄43'45			-4742 Jun 02 j 04:28	0°♄	
min. Earth dist.	-4743 Jul 12 j 21:13	17°♄21'02	0.64152 AU	retrograde	-4742 Jun 14 j 18:47	6°♄14'36	
inferior conj	-4743 Jul 15 j 07:07	14°♄45'54	-3°35'58	evening set	-4742 Jun 21 j 20:52	3°♄47'47	
minimum elong	-4743 Jul 15 j 10:37	14°♄36'29	3°35'00	min. Earth dist.	-4742 Jun 25 j 11:04	0°♄52'03	0.62431 AU
morning rise	-4743 Jul 21 j 16:27	9°♄22'03			-4742 Jun 26 j 09:15	30°♄	
direct	-4743 Jul 24 j 10:13	8°♄43'38		inferior conj	-4742 Jun 28 j 10:15	28°♄01'53	-4°03'37
asc. node	-4743 Jul 28 j 11:02	10°♄06'03		minimum elong	-4742 Jun 28 j 12:42	27°♄55'58	4°03'08
morning max el	-4743 Jul 30 j 22:24	12°♄10'29	18°03'31	morning rise	-4742 Jul 05 j 05:48	22°♄57'12	
	-4743 Aug 12 j 03:58	0°♄		direct	-4742 Jul 07 j 20:21	22°♄26'24	
morning set	-4743 Aug 17 j 11:57	9°♄05'22		morning max el	-4742 Jul 14 j 13:01	25°♄50'26	17°57'09
	-4743 Aug 29 j 23:54	0°♄		asc. node	-4742 Jul 15 j 08:05	26°♄39'27	
					-4742 Jul 18 j 01:43	0°♄	
superior conj	-4743 Aug 30 j 14:06	0°♄57'46	0°59'37	morning set	-4742 Jul 30 j 22:19	21°♄26'35	
minimum elong	-4743 Aug 30 j 19:53	1°♄21'16	0°59'10		-4742 Aug 04 j 17:35	0°♄	
max. Earth dist.	-4743 Sep 04 j 15:03	9°♄04'28	1.44173 AU				
desc. node	-4743 Sep 09 j 10:28	16°♄40'51		superior conj	-4742 Aug 11 j 04:36	11°♄12'30	1°30'00
evening rise	-4743 Sep 15 j 23:06	26°♄50'50		minimum elong	-4742 Aug 11 j 09:37	11°♄33'50	1°29'50
	-4743 Sep 18 j 00:08	0°♄		max. Earth dist.	-4742 Aug 18 j 03:35	22°♄47'39	1.42953 AU
	-4743 Oct 08 j 10:17	0°♄			-4742 Aug 22 j 15:01	0°♄	
evening max el	-4743 Oct 12 j 20:31	5°♄11'42	20°14'42	evening rise	-4742 Aug 26 j 02:57	5°♄30'44	
retrograde	-4743 Oct 20 j 15:42	9°♄46'33		desc. node	-4742 Aug 27 j 07:26	7°♄21'42	
evening set	-4743 Oct 24 j 07:46	8°♄28'23			-4742 Sep 11 j 09:23	0°♄	
asc. node	-4743 Oct 24 j 09:53	8°♄24'34		evening max el	-4742 Sep 25 j 18:56	18°♄36'41	21°23'45
inferior conj	-4743 Oct 29 j 19:03	2°♄23'59	1°45'57	retrograde	-4742 Oct 04 j 12:18	23°♄47'04	
minimum elong	-4743 Oct 29 j 16:46	2°♄31'37	1°45'05	evening set	-4742 Oct 08 j 15:37	22°♄11'20	
min. Earth dist.	-4743 Oct 30 j 13:56	1°♄20'42	0.66692 AU	asc. node	-4742 Oct 11 j 07:02	19°♄32'30	
	-4743 Oct 31 j 14:29	30°♄		inferior conj	-4742 Oct 14 j 00:03	15°♄59'03	0°54'57
morning rise	-4743 Nov 04 j 01:34	26°♄08'54		minimum elong	-4742 Oct 13 j 22:48	16°♄03'20	0°54'30
direct	-4743 Nov 09 j 17:56	23°♄40'25		min. Earth dist.	-4742 Oct 14 j 08:03	15°♄31'33	0.67192 AU
	-4743 Nov 20 j 18:36	0°♄		morning rise	-4742 Oct 19 j 05:49	9°♄43'03	
morning max el	-4743 Nov 21 j 08:41	0°♄34'56	24°55'06	direct	-4742 Oct 24 j 07:00	7°♄34'30	
desc. node	-4743 Dec 06 j 10:35	19°♄23'50		morning max el	-4742 Nov 03 j 17:55	13°♄49'34	23°29'47
	-4743 Dec 13 j 14:26	0°♄			-4742 Nov 16 j 19:39	0°♄	
morning set	-4743 Dec 27 j 11:22	22°♄55'59		desc. node	-4742 Nov 23 j 07:29	9°♄19'31	
max. Earth dist.	-4743 Dec 31 j 05:11	29°♄42'06	1.37213 AU		-4742 Dec 06 j 12:38	0°♄	
	-4743 Dec 31 j 09:03	0°♄		morning set	-4742 Dec 08 j 18:38	3°♄45'07	
				max. Earth dist.	-4742 Dec 13 j 00:45	11°♄02'59	1.39234 AU
superior conj	-4742 Jan 06 j 14:59	11°♄53'29	-1°45'04				
minimum elong	-4742 Jan 06 j 17:25	12°♄05'24	1°45'08	superior conj	-4742 Dec 20 j 13:18	24°♄38'25	-1°52'51
evening rise	-4742 Jan 14 j 23:22	28°♄33'30		minimum elong	-4742 Dec 20 j 13:57	24°♄41'27	1°53'02
	-4742 Jan 15 j 16:42	0°♄			-4742 Dec 23 j 09:33	0°♄	
asc. node	-4742 Jan 20 j 08:44	9°♄02'19		evening rise	-4742 Dec 29 j 18:13	12°♄16'00	
evening max el	-4742 Feb 01 j 02:24	26°♄10'47	19°24'17	asc. node	-4741 Jan 07 j 05:47	27°♄55'57	
	-4742 Feb 07 j 00:42	0°♄			-4741 Jan 08 j 12:07	0°♄	
retrograde	-4742 Feb 10 j 06:17	0°♄31'56		evening max el	-4741 Jan 15 j 02:57	8°♄36'53	18°39'03
evening set	-4742 Feb 12 j 15:08	0°♄15'47		retrograde	-4741 Jan 22 j 23:40	12°♄25'46	
	-4742 Feb 13 j 14:52	30°♄		evening set	-4741 Jan 25 j 11:25	12°♄04'15	
inferior conj	-4742 Feb 20 j 22:04	26°♄08'02	2°51'53	inferior conj	-4741 Feb 02 j 01:42	7°♄38'11	3°45'44
minimum elong	-4742 Feb 21 j 03:11	25°♄59'36	2°50'24	minimum elong	-4741 Feb 02 j 04:56	7°♄31'58	3°45'03
min. Earth dist.	-4742 Feb 23 j 17:07	24°♄18'04	0.56557 AU	min. Earth dist.	-4741 Feb 05 j 09:59	5°♄05'53	0.58268 AU
morning rise	-4742 Mar 01 j 12:36	21°♄18'21		morning rise	-4741 Feb 09 j 20:06	2°♄21'56	
desc. node	-4742 Mar 04 j 09:57	20°♄35'36		direct	-4741 Feb 15 j 17:50	0°♄55'02	
direct	-4742 Mar 06 j 05:05	20°♄28'05		desc. node	-4741 Feb 19 j 07:03	1°♄26'00	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning max el	-4741 Mar 01 j 23:41	8° Z 23'33	26°17'17	direct	-4740 Jan 28 j 17:50	12° Z 03'44	
	-4741 Mar 18 j 05:52	0° \approx		desc. node	-4740 Feb 06 j 04:07	14° Z 58'58	
morning set	-4741 Mar 30 j 18:39	23° \approx 38'33		morning max el	-4740 Feb 11 j 21:22	19° Z 40'50	27°16'34
	-4741 Apr 02 j 18:20	0° H			-4740 Feb 20 j 17:35	0° Z	
asc. node	-4741 Apr 05 j 05:18	5° H 20'15			-4740 Mar 09 j 22:07	0° \approx	
				morning set	-4740 Mar 14 j 03:35	8° \approx 30'18	
superior conj	-4741 Apr 06 j 18:59	8° H 46'14	0°16'16	max. Earth dist.	-4740 Mar 20 j 16:49	22° \approx 31'24	1.32618 AU
minimum elong	-4741 Apr 06 j 18:16	8° H 42'21	0°16'00				
max. Earth dist.	-4741 Apr 07 j 03:17	9° H 31'37	1.32690 AU	superior conj	-4740 Mar 21 j 06:41	23° \approx 47'11	-0°08'29
evening rise	-4741 Apr 13 j 20:20	23° H 55'07		minimum elong	-4740 Mar 21 j 07:04	23° \approx 49'17	0°08'34
	-4741 Apr 16 j 20:05	0° Y		behind sun begin	-4740 Mar 21 j 02:49	23° \approx 26'05	
	-4741 May 04 j 16:20	0° B		behind sun end	-4740 Mar 21 j 11:19	24° \approx 12'30	
evening max el	-4741 May 14 j 01:58	10° B 58'53	26°47'33	asc. node	-4740 Mar 22 j 02:16	25° \approx 34'19	
desc. node	-4741 May 18 j 05:35	14° B 29'40			-4740 Mar 24 j 02:57	0° H	
retrograde	-4741 May 28 j 03:03	18° B 20'06		evening rise	-4740 Mar 28 j 06:09	8° H 51'31	
evening set	-4741 Jun 03 j 18:08	16° B 24'35			-4740 Apr 08 j 07:27	0° Y	
min. Earth dist.	-4741 Jun 07 j 15:29	13° B 41'36	0.60455 AU	evening max el	-4740 Apr 24 j 23:38	22° Y 26'24	25°43'31
inferior conj	-4741 Jun 10 j 23:25	10° B 54'21	-4°14'10	desc. node	-4740 May 04 j 02:45	28° Y 42'03	
minimum elong	-4741 Jun 10 j 23:30	10° B 54'08	4°14'02	retrograde	-4740 May 09 j 01:47	29° Y 40'14	
morning rise	-4741 Jun 18 j 06:52	6° B 10'39		evening set	-4740 May 14 j 18:13	28° Y 22'53	
direct	-4741 Jun 20 j 19:40	5° B 45'46		min. Earth dist.	-4740 May 19 j 12:10	25° Y 36'21	0.58437 AU
morning max el	-4741 Jun 28 j 01:06	9° B 17'19	18°09'50	inferior conj	-4740 May 22 j 19:00	23° Y 13'45	-3°58'58
asc. node	-4741 Jul 02 j 05:06	14° B 14'36		minimum elong	-4740 May 22 j 15:47	23° Y 19'38	3°58'30
	-4741 Jul 11 j 13:56	0° II		morning rise	-4740 May 30 j 16:05	18° Y 51'17	
morning set	-4741 Jul 14 j 01:31	4° II 37'26		direct	-4740 Jun 02 j 03:48	18° Y 31'15	
				morning max el	-4740 Jun 10 j 07:48	22° Y 22'43	18°42'25
superior conj	-4741 Jul 23 j 21:49	22° II 46'49	1°45'46		-4740 Jun 16 j 10:18	0° B	
minimum elong	-4741 Jul 24 j 00:05	22° II 56'57	1°45'55	asc. node	-4740 Jun 18 j 02:05	2° B 37'37	
	-4741 Jul 28 j 00:03	0° B		morning set	-4740 Jun 26 j 16:58	18° B 26'15	
max. Earth dist.	-4741 Jul 31 j 10:39	5° B 53'29	1.41268 AU		-4740 Jul 02 j 15:57	0° II	
evening rise	-4741 Aug 05 j 20:49	14° B 51'27		superior conj	-4740 Jul 05 j 12:41	5° II 27'06	1°49'18
desc. node	-4741 Aug 14 j 04:26	27° B 56'05		minimum elong	-4740 Jul 05 j 12:23	5° II 25'41	1°49'30
	-4741 Aug 15 j 13:01	0° Q		max. Earth dist.	-4740 Jul 12 j 13:22	18° II 17'42	1.39346 AU
	-4741 Sep 06 j 13:26	0° P		evening rise	-4740 Jul 16 j 16:01	25° II 25'17	
evening max el	-4741 Sep 08 j 11:27	2° P 01'45	22°41'35		-4740 Jul 19 j 09:29	0° B	
retrograde	-4741 Sep 18 j 06:43	7° P 50'32		desc. node	-4740 Jul 31 j 01:28	18° B 19'33	
evening set	-4741 Sep 22 j 23:22	5° P 55'20			-4740 Aug 08 j 05:36	0° Q	
inferior conj	-4741 Sep 28 j 06:32	29° Q 38'30	0°02'01	evening max el	-4740 Aug 20 j 23:43	15° Q 28'13	24°02'28
minimum elong	-4741 Sep 28 j 06:29	29° Q 38'41	0°02'08	retrograde	-4740 Aug 31 j 21:48	21° Q 53'54	
transit middle	-4741 Sep 28 j 06:29	29° Q 38'41	0°02'08	evening set	-4740 Sep 06 j 05:12	19° Q 38'44	
transit begin	-4741 Sep 28 j 03:48	29° Q 47'55		min. Earth dist.	-4740 Sep 11 j 00:04	14° Q 03'33	0.67294 AU
transit end	-4741 Sep 28 j 09:09	29° Q 29'27		inferior conj	-4740 Sep 11 j 12:44	13° Q 20'35	-0°51'11
min. Earth dist.	-4741 Sep 28 j 04:15	29° Q 46'23	0.67392 AU	minimum elong	-4740 Sep 11 j 13:55	13° Q 16'34	0°50'30
asc. node	-4741 Sep 28 j 04:10	29° Q 46'40		asc. node	-4740 Sep 14 j 01:19	10° Q 03'35	
	-4741 Sep 28 j 00:18	30° R Q		morning rise	-4740 Sep 16 j 22:35	7° Q 12'08	
morning rise	-4741 Oct 03 j 13:28	23° Q 24'44		direct	-4740 Sep 20 j 20:28	5° Q 45'06	
direct	-4741 Oct 08 j 00:14	21° Q 37'28		morning max el	-4740 Sep 29 j 01:33	10° Q 34'28	20°46'47
morning max el	-4741 Oct 17 j 06:34	27° Q 08'10	22°04'40		-4740 Oct 13 j 19:28	0° P	
	-4741 Oct 19 j 21:42	0° P		desc. node	-4740 Oct 27 j 01:17	20° P 02'22	
desc. node	-4741 Nov 10 j 04:23	29° P 34'23		morning set	-4740 Oct 28 j 01:02	21° P 34'36	
	-4741 Nov 10 j 11:07	0° Q			-4740 Nov 02 j 09:31	0° Q	
morning set	-4741 Nov 18 j 21:22	13° Q 10'54		max. Earth dist.	-4740 Nov 06 j 06:31	6° Q 13'07	1.43012 AU
max. Earth dist.	-4741 Nov 24 j 23:53	23° Q 10'50	1.41265 AU				
	-4741 Nov 29 j 00:21	0° M		superior conj	-4740 Nov 12 j 19:03	16° Q 57'58	-1°32'55
superior conj	-4741 Dec 02 j 16:35	6° M 24'50	-1°50'01	minimum elong	-4740 Nov 12 j 13:14	16° Q 33'37	1°32'30
minimum elong	-4741 Dec 02 j 14:09	6° M 14'04	1°50'04		-4740 Nov 20 j 09:43	0° M	
evening rise	-4741 Dec 13 j 02:20	25° M 23'17		evening rise	-4740 Nov 24 j 19:45	7° M 46'35	
	-4741 Dec 15 j 14:04	0° Z			-4740 Dec 08 j 02:35	0° Z	
asc. node	-4741 Dec 25 j 02:53	16° Z 12'12		asc. node	-4740 Dec 11 j 00:01	3° Z 38'59	
evening max el	-4741 Dec 29 j 10:26	21° Z 28'36	18°13'52	evening max el	-4740 Dec 11 j 21:55	4° Z 36'57	18°08'19
retrograde	-4740 Jan 05 j 11:08	25° Z 00'45		retrograde	-4740 Dec 18 j 12:54	8° Z 05'41	
evening set	-4740 Jan 08 j 01:37	24° Z 32'34		evening set	-4740 Dec 21 j 06:12	7° Z 29'57	
inferior conj	-4740 Jan 15 j 01:22	19° Z 44'42	4°04'51	inferior conj	-4740 Dec 27 j 18:06	2° Z 20'41	3°58'09
minimum elong	-4740 Jan 15 j 01:41	19° Z 43'59	4°04'36	minimum elong	-4740 Dec 27 j 16:11	2° Z 25'31	3°57'47
min. Earth dist.	-4740 Jan 18 j 07:40	16° Z 52'23	0.60246 AU		-4740 Dec 30 j 01:42	30° R M	
morning rise	-4740 Jan 22 j 00:11	14° Z 08'57		min. Earth dist.	-4740 Dec 30 j 13:30	29° M 31'04	0.62183 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning rise	-4739 Jan 03 j 01:14	26° \mathbb{M} 30'44		morning rise	-4739 Dec 16 j 20:03	9° \mathbb{M} 18'36	
direct	-4739 Jan 10 j 02:47	23° \mathbb{M} 56'22		direct	-4739 Dec 23 j 19:29	6° \mathbb{M} 29'24	
	-4739 Jan 22 j 07:25	0° \mathbb{A}		morning max el	-4738 Jan 06 j 09:37	14° \mathbb{M} 11'40	27°30'05
desc. node	-4739 Jan 23 j 01:09	0° \mathbb{A} 40'30		desc. node	-4738 Jan 09 j 22:11	17° \mathbb{M} 56'08	
morning max el	-4739 Jan 24 j 01:20	1° \mathbb{A} 38'18	27°41'19		-4738 Jan 19 j 07:34	0° \mathbb{A}	
	-4739 Feb 13 j 21:53	0° \mathbb{B}			-4738 Feb 06 j 11:04	0° \mathbb{B}	
morning set	-4739 Feb 26 j 07:52	23° \mathbb{B} 04'57		morning set	-4738 Feb 10 j 04:54	7° \mathbb{B} 13'48	
	-4739 Mar 01 j 15:54	0° \approx		max. Earth dist.	-4738 Feb 15 j 07:23	17° \mathbb{B} 37'52	1.33536 AU
max. Earth dist.	-4739 Mar 04 j 03:31	5° \approx 17'59	1.32885 AU				
				superior conj	-4738 Feb 18 j 00:18	23° \mathbb{B} 20'49	-0°57'10
superior conj	-4739 Mar 05 j 17:03	8° \approx 40'45	-0°33'17	minimum elong	-4738 Feb 18 j 02:42	23° \mathbb{B} 33'34	0°56'58
minimum elong	-4739 Mar 05 j 18:31	8° \approx 48'42	0°33'11		-4738 Feb 21 j 02:52	0° \approx	
asc. node	-4739 Mar 08 j 23:17	15° \approx 45'29		asc. node	-4738 Feb 23 j 20:17	5° \approx 49'27	
evening rise	-4739 Mar 12 j 17:36	23° \approx 49'09		evening rise	-4738 Feb 25 j 04:55	8° \approx 41'38	
	-4739 Mar 15 j 17:29	0° \mathbb{H}			-4738 Mar 08 j 11:54	0° \mathbb{H}	
	-4739 Apr 03 j 11:49	0° \mathbb{Y}		evening max el	-4738 Mar 19 j 09:11	14° \mathbb{H} 03'59	22°43'49
evening max el	-4739 Apr 06 j 16:22	3° \mathbb{Y} 20'22	24°17'50	retrograde	-4738 Apr 01 j 12:11	20° \mathbb{H} 29'27	
retrograde	-4739 Apr 20 j 13:05	10° \mathbb{Y} 18'29		evening set	-4738 Apr 04 j 16:30	20° \mathbb{H} 07'16	
desc. node	-4739 Apr 20 j 23:54	10° \mathbb{Y} 18'01		desc. node	-4738 Apr 07 j 21:04	19° \mathbb{H} 04'28	
evening set	-4739 Apr 24 j 22:38	9° \mathbb{Y} 35'09		min. Earth dist.	-4738 Apr 12 j 18:47	16° \mathbb{H} 33'32	0.55504 AU
min. Earth dist.	-4739 May 01 j 04:14	6° \mathbb{Y} 30'59	0.56672 AU	inferior conj	-4738 Apr 13 j 23:54	15° \mathbb{H} 51'39	-1°38'42
inferior conj	-4739 May 03 j 18:37	4° \mathbb{Y} 52'35	-3°08'19	minimum elong	-4738 Apr 13 j 19:40	15° \mathbb{H} 57'45	1°37'25
minimum elong	-4739 May 03 j 13:00	5° \mathbb{Y} 01'29	3°07'00	morning rise	-4738 Apr 23 j 00:54	11° \mathbb{H} 54'04	
morning rise	-4739 May 12 j 06:30	0° \mathbb{Y} 47'56		direct	-4738 Apr 25 j 13:20	11° \mathbb{H} 39'13	
direct	-4739 May 14 j 17:18	0° \mathbb{Y} 31'44		morning max el	-4738 May 06 j 18:49	16° \mathbb{H} 54'24	20°48'06
morning max el	-4739 May 24 j 06:27	4° \mathbb{Y} 57'56	19°35'24		-4738 May 16 j 18:31	0° \mathbb{Y}	
asc. node	-4739 Jun 04 j 23:06	21° \mathbb{Y} 37'30		asc. node	-4738 May 22 j 20:05	11° \mathbb{Y} 04'39	
	-4739 Jun 09 j 08:11	0° \mathbb{B}		morning set	-4738 May 25 j 23:26	17° \mathbb{Y} 23'16	
morning set	-4739 Jun 10 j 17:12	2° \mathbb{B} 44'16			-4738 Jun 01 j 01:45	0° \mathbb{B}	
				superior conj	-4738 Jun 02 j 13:50	3° \mathbb{B} 05'19	1°31'04
superior conj	-4739 Jun 18 j 19:35	18° \mathbb{B} 58'00	1°43'33	minimum elong	-4738 Jun 02 j 11:10	2° \mathbb{B} 51'44	1°30'54
minimum elong	-4739 Jun 18 j 17:38	18° \mathbb{B} 48'27	1°43'36	max. Earth dist.	-4738 Jun 06 j 23:35	11° \mathbb{B} 56'14	1.35774 AU
max. Earth dist.	-4739 Jun 24 j 15:38	0° \mathbb{I} 10'08	1.37442 AU	evening rise	-4738 Jun 11 j 06:07	20° \mathbb{B} 08'26	
	-4739 Jun 24 j 13:28	0° \mathbb{I}			-4738 Jun 16 j 16:49	0° \mathbb{I}	
evening rise	-4739 Jun 28 j 12:44	7° \mathbb{I} 15'12		desc. node	-4738 Jul 04 j 19:37	28° \mathbb{I} 09'15	
	-4739 Jul 12 j 05:59	0° \mathbb{E}			-4738 Jul 06 j 04:42	0° \mathbb{E}	
desc. node	-4739 Jul 17 j 22:32	8° \mathbb{E} 26'37		evening max el	-4738 Jul 16 j 21:01	12° \mathbb{E} 26'52	26°23'50
evening max el	-4739 Aug 03 j 10:15	28° \mathbb{E} 57'27	25°19'13	retrograde	-4738 Jul 29 j 15:15	19° \mathbb{E} 41'53	
	-4739 Aug 04 j 12:18	0° \mathbb{O}		evening set	-4738 Aug 05 j 03:27	16° \mathbb{E} 56'51	
retrograde	-4739 Aug 15 j 08:51	5° \mathbb{O} 53'13		min. Earth dist.	-4738 Aug 09 j 05:11	12° \mathbb{E} 36'19	0.66114 AU
evening set	-4739 Aug 21 j 07:18	3° \mathbb{O} 20'19		inferior conj	-4738 Aug 10 j 17:16	10° \mathbb{E} 45'16	-2°31'35
	-4739 Aug 24 j 10:10	30° \mathbb{R} \mathbb{E}		minimum elong	-4738 Aug 10 j 20:29	10° \mathbb{E} 35'22	2°30'17
min. Earth dist.	-4739 Aug 25 j 17:10	28° \mathbb{E} 21'34	0.66876 AU	morning rise	-4738 Aug 16 j 13:46	4° \mathbb{E} 56'39	
inferior conj	-4739 Aug 26 j 16:57	27° \mathbb{E} 03'54	-1°42'59	asc. node	-4738 Aug 18 j 19:32	4° \mathbb{E} 05'54	
minimum elong	-4739 Aug 26 j 19:17	26° \mathbb{E} 56'19	1°41'51	direct	-4738 Aug 19 j 16:18	4° \mathbb{E} 01'39	
asc. node	-4739 Aug 31 j 22:26	21° \mathbb{E} 19'32		morning max el	-4738 Aug 26 j 12:20	7° \mathbb{E} 51'46	18°49'51
morning rise	-4739 Sep 01 j 07:21	21° \mathbb{E} 03'51			-4738 Sep 11 j 00:53	0° \mathbb{O}	
direct	-4739 Sep 04 j 18:24	19° \mathbb{E} 54'27		morning set	-4738 Sep 16 j 19:24	9° \mathbb{O} 12'01	
morning max el	-4739 Sep 12 j 03:49	24° \mathbb{E} 09'58	19°40'56		-4738 Sep 29 j 22:28	0° \mathbb{P}	
	-4739 Sep 17 j 01:13	0° \mathbb{O}		desc. node	-4738 Sep 30 j 19:09	1° \mathbb{P} 21'32	
morning set	-4739 Oct 07 j 01:16	29° \mathbb{O} 55'47					
	-4739 Oct 07 j 02:21	0° \mathbb{P}		superior conj	-4738 Oct 02 j 20:23	4° \mathbb{P} 35'32	-0°12'55
desc. node	-4739 Oct 13 j 22:14	10° \mathbb{P} 39'30		minimum elong	-4738 Oct 02 j 18:42	4° \mathbb{P} 28'54	0°12'35
max. Earth dist.	-4739 Oct 19 j 19:37	19° \mathbb{P} 57'09	1.44232 AU	behind sun begin	-4738 Oct 02 j 11:19	3° \mathbb{P} 59'49	
				behind sun end	-4738 Oct 03 j 02:04	4° \mathbb{P} 57'58	
superior conj	-4739 Oct 23 j 17:57	26° \mathbb{P} 13'53	-0°59'26	max. Earth dist.	-4738 Oct 02 j 12:22	4° \mathbb{P} 03'55	1.44778 AU
minimum elong	-4739 Oct 23 j 11:35	25° \mathbb{P} 48'20	0°58'39	evening rise	-4738 Oct 18 j 16:07	29° \mathbb{P} 44'20	
	-4739 Oct 26 j 02:01	0° \mathbb{U}			-4738 Oct 18 j 20:01	0° \mathbb{U}	
evening rise	-4739 Nov 06 j 17:54	19° \mathbb{U} 17'03			-4738 Nov 07 j 16:20	0° \mathbb{M}	
	-4739 Nov 13 j 02:46	0° \mathbb{M}		evening max el	-4738 Nov 08 j 22:02	1° \mathbb{M} 21'06	18°53'01
evening max el	-4739 Nov 25 j 10:39	17° \mathbb{M} 56'06	18°21'41	asc. node	-4738 Nov 14 j 18:16	5° \mathbb{M} 07'55	
asc. node	-4739 Nov 27 j 21:09	20° \mathbb{M} 02'43		retrograde	-4738 Nov 15 j 18:04	5° \mathbb{M} 13'26	
retrograde	-4739 Dec 02 j 00:31	21° \mathbb{M} 32'08		evening set	-4738 Nov 18 j 20:54	4° \mathbb{M} 17'50	
evening set	-4739 Dec 04 j 21:40	20° \mathbb{M} 47'30			-4738 Nov 23 j 11:23	30° \mathbb{R} \mathbb{U}	
inferior conj	-4739 Dec 11 j 00:11	15° \mathbb{M} 19'06	3°33'49	inferior conj	-4738 Nov 24 j 16:05	28° \mathbb{U} 33'10	2°57'43
minimum elong	-4739 Dec 10 j 21:09	15° \mathbb{M} 27'39	3°33'04	minimum elong	-4738 Nov 24 j 12:52	28° \mathbb{U} 43'02	2°56'41
min. Earth dist.	-4739 Dec 13 j 05:24	12° \mathbb{M} 49'25	0.63884 AU				

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

min. Earth dist.	-4738 Nov 26 j 07:00	26° Ω 33'53	0.65250 AU	evening max el	-4737 Oct 23 j 05:42	14° Ω 47'57	19°40'44
morning rise	-4738 Nov 30 j 04:29	22° Ω 25'04		retrograde	-4737 Oct 30 j 14:32	19° Ω 04'46	
direct	-4738 Dec 06 j 18:51	19° Ω 35'32		asc. node	-4737 Nov 01 j 15:25	18° Ω 40'40	
morning max el	-4738 Dec 19 j 19:19	27° Ω 09'02	26°47'17	evening set	-4737 Nov 03 j 01:11	17° Ω 55'34	
	-4738 Dec 22 j 12:20	0° \mathbb{M}		inferior conj	-4737 Nov 08 j 14:53	11° Ω 57'36	2°13'44
desc. node	-4738 Dec 27 j 19:12	6° \mathbb{M} 18'30		minimum elong	-4737 Nov 08 j 12:08	12° Ω 06'35	2°12'43
	-4737 Jan 12 j 22:38	0° \mathcal{A}		min. Earth dist.	-4737 Nov 09 j 16:40	10° Ω 33'30	0.66267 AU
morning set	-4737 Jan 24 j 15:17	20° \mathcal{A} 46'12		morning rise	-4737 Nov 13 j 22:51	5° Ω 44'32	
max. Earth dist.	-4737 Jan 29 j 00:49	29° \mathcal{A} 22'45	1.34620 AU	direct	-4737 Nov 19 j 23:56	3° Ω 06'05	
	-4737 Jan 29 j 08:14	0° \mathcal{B}		morning max el	-4737 Dec 02 j 04:25	10° Ω 17'57	25°40'35
				desc. node	-4737 Dec 14 j 16:09	25° Ω 27'18	
superior conj	-4737 Feb 02 j 02:23	7° \mathcal{B} 41'05	-1°18'57		-4737 Dec 17 j 21:38	0° \mathbb{M}	
minimum elong	-4737 Feb 02 j 05:21	7° \mathcal{B} 56'28	1°18'47		-4736 Jan 05 j 12:29	0° \mathcal{A}	
evening rise	-4737 Feb 09 j 14:24	23° \mathcal{B} 23'15		morning set	-4736 Jan 07 j 10:23	3° \mathcal{A} 27'19	
asc. node	-4737 Feb 10 j 17:18	25° \mathcal{B} 41'49		max. Earth dist.	-4736 Jan 11 j 06:34	10° \mathcal{A} 37'08	1.36157 AU
	-4737 Feb 12 j 20:28	0° \approx					
evening max el	-4737 Mar 01 j 08:26	25° \approx 04'43	21°14'40	superior conj	-4736 Jan 16 j 20:33	21° \mathcal{A} 32'25	-1°37'06
	-4737 Mar 08 j 23:15	0° \mathcal{H}		minimum elong	-4736 Jan 16 j 23:27	21° \mathcal{A} 46'57	1°37'03
retrograde	-4737 Mar 13 j 02:26	0° \mathcal{H} 41'20			-4736 Jan 21 j 00:37	0° \mathcal{B}	
evening set	-4737 Mar 15 j 14:13	0° \mathcal{H} 27'05		evening rise	-4736 Jan 24 j 20:02	7° \mathcal{B} 47'05	
	-4737 Mar 17 j 09:37	30° \mathcal{R} \approx		asc. node	-4736 Jan 28 j 14:19	15° \mathcal{B} 16'40	
inferior conj	-4737 Mar 24 j 19:43	26° \approx 27'56	0°15'30		-4736 Feb 06 j 04:26	0° \approx	
minimum elong	-4737 Mar 24 j 20:26	26° \approx 26'56	0°15'07	evening max el	-4736 Feb 11 j 17:31	6° \approx 37'03	19°59'21
transit middle	-4737 Mar 24 j 20:26	26° \approx 26'56	0°15'07	retrograde	-4736 Feb 21 j 18:56	11° \approx 22'46	
transit begin	-4737 Mar 24 j 19:13	26° \approx 28'39		evening set	-4736 Feb 24 j 03:13	11° \approx 08'24	
transit end	-4737 Mar 24 j 21:39	26° \approx 25'12		inferior conj	-4736 Mar 03 j 19:46	7° \approx 07'51	2°03'26
min. Earth dist.	-4737 Mar 25 j 09:11	26° \approx 08'52	0.55204 AU	minimum elong	-4736 Mar 04 j 00:26	7° \approx 00'41	2°01'50
desc. node	-4737 Mar 25 j 18:13	25° \approx 56'06		min. Earth dist.	-4736 Mar 05 j 23:22	5° \approx 49'15	0.55836 AU
morning rise	-4737 Apr 03 j 02:18	22° \approx 20'29		desc. node	-4736 Mar 11 j 15:22	2° \approx 58'39	
direct	-4737 Apr 06 j 01:47	22° \approx 01'01		morning rise	-4736 Mar 12 j 19:32	2° \approx 35'45	
morning max el	-4737 Apr 18 j 20:22	28° \approx 09'43	22°17'22	direct	-4736 Mar 16 j 18:55	2° \approx 00'51	
	-4737 Apr 20 j 16:21	0° \mathcal{H}		morning max el	-4736 Mar 30 j 13:35	8° \approx 52'46	23°55'49
	-4737 May 09 j 06:57	0° \mathcal{Y}			-4736 Apr 14 j 23:45	0° \mathcal{H}	
asc. node	-4737 May 09 j 17:04	0° \mathcal{Y} 52'00		morning set	-4736 Apr 23 j 21:26	17° \mathcal{H} 18'16	
morning set	-4737 May 10 j 09:29	2° \mathcal{Y} 17'01		asc. node	-4736 Apr 25 j 14:00	20° \mathcal{H} 52'42	
					-4736 Apr 29 j 19:46	0° \mathcal{Y}	
superior conj	-4737 May 17 j 15:58	17° \mathcal{Y} 38'31	1°13'46	superior conj	-4736 Apr 30 j 23:16	2° \mathcal{Y} 28'06	0°53'06
minimum elong	-4737 May 17 j 13:19	17° \mathcal{Y} 24'33	1°13'27	minimum elong	-4736 Apr 30 j 21:07	2° \mathcal{Y} 16'36	0°52'42
max. Earth dist.	-4737 May 20 j 17:27	24° \mathcal{Y} 01'25	1.34453 AU	max. Earth dist.	-4736 May 02 j 20:53	6° \mathcal{Y} 32'21	1.33496 AU
	-4737 May 23 j 16:11	0° \mathcal{B}		evening rise	-4736 May 08 j 10:29	18° \mathcal{Y} 05'21	
evening rise	-4737 May 25 j 14:52	3° \mathcal{B} 50'04			-4736 May 14 j 15:01	0° \mathcal{B}	
	-4737 Jun 09 j 11:53	0° \mathbb{I}			-4736 May 14 j 15:01	0° \mathbb{I}	
desc. node	-4737 Jun 21 j 16:42	17° \mathbb{I} 17'07		desc. node	-4736 Jun 02 j 20:51	0° \mathbb{I}	
evening max el	-4737 Jun 29 j 08:24	25° \mathbb{I} 49'46	27°08'11	evening max el	-4736 Jun 07 j 13:49	5° \mathbb{I} 35'10	
	-4737 Jul 04 j 07:17	0° \mathcal{E}		retrograde	-4736 Jun 10 j 18:48	8° \mathbb{I} 53'37	27°25'24
retrograde	-4737 Jul 12 j 16:21	3° \mathcal{E} 13'07		retrograde	-4736 Jun 24 j 11:30	16° \mathbb{I} 18'16	
evening set	-4737 Jul 19 j 15:04	0° \mathcal{E} 25'16		evening set	-4736 Jul 01 j 14:55	13° \mathbb{I} 39'52	
	-4737 Jul 20 j 03:09	30° \mathcal{R} \mathbb{I}		min. Earth dist.	-4736 Jul 05 j 05:24	10° \mathbb{I} 29'49	0.63463 AU
min. Earth dist.	-4737 Jul 23 j 09:55	26° \mathbb{I} 42'19	0.64981 AU	inferior conj	-4736 Jul 07 j 21:05	7° \mathbb{I} 46'55	-3°49'21
inferior conj	-4737 Jul 25 j 11:32	24° \mathbb{I} 21'32	-3°14'45	minimum elong	-4736 Jul 08 j 00:18	7° \mathbb{I} 38'39	3°48'35
minimum elong	-4737 Jul 25 j 15:09	24° \mathbb{I} 11'14	3°13'34	morning rise	-4736 Jul 14 j 10:31	2° \mathbb{I} 30'36	
morning rise	-4737 Jul 31 j 15:42	18° \mathbb{I} 47'27		direct	-4736 Jul 17 j 02:48	1° \mathbb{I} 55'32	
direct	-4737 Aug 03 j 12:03	18° \mathbb{I} 03'43		asc. node	-4736 Jul 22 j 13:42	4° \mathbb{I} 19'38	
asc. node	-4737 Aug 05 j 16:38	18° \mathbb{I} 29'21		morning max el	-4736 Jul 23 j 15:50	5° \mathbb{I} 19'57	17°58'30
morning max el	-4737 Aug 10 j 01:09	21° \mathbb{I} 36'42	18°15'18		-4736 Aug 08 j 17:24	0° \mathcal{E}	
	-4737 Aug 16 j 12:33	0° \mathcal{E}		morning set	-4736 Aug 09 j 14:55	1° \mathcal{E} 33'47	
morning set	-4737 Aug 28 j 16:33	19° \mathcal{E} 46'46					
	-4737 Sep 03 j 21:12	0° Ω		superior conj	-4736 Aug 21 j 21:17	22° \mathcal{E} 28'35	1°14'22
				minimum elong	-4736 Aug 22 j 03:11	22° \mathcal{E} 53'00	1°13'59
superior conj	-4737 Sep 11 j 22:39	13° Ω 01'06	0°35'38		-4736 Aug 26 j 11:38	0° Ω	
minimum elong	-4737 Sep 12 j 02:51	13° Ω 17'54	0°35'17	max. Earth dist.	-4736 Aug 27 j 21:54	2° Ω 18'10	1.43731 AU
max. Earth dist.	-4737 Sep 15 j 06:03	18° Ω 16'35	1.44602 AU	desc. node	-4736 Sep 03 j 12:59	12° Ω 48'34	
desc. node	-4737 Sep 17 j 16:03	22° Ω 05'29		evening rise	-4736 Sep 06 j 18:35	17° Ω 50'28	
	-4737 Sep 22 j 17:02	0° \mathbb{N}			-4736 Sep 14 j 17:30	0° \mathbb{N}	
evening rise	-4737 Sep 28 j 13:29	9° \mathbb{N} 07'41		evening max el	-4736 Oct 05 j 07:51	28° \mathbb{N} 14'26	20°42'43
greatest brilliancy	-4737 Oct 10 j 14:17	27° \mathbb{N} 42'01	-0.7m		-4736 Oct 07 j 04:10	0° Ω	
	-4737 Oct 12 j 02:58	0° Ω		retrograde	-4736 Oct 13 j 11:37	3° Ω 03'14	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4736 Oct 17 j 08:20	1°♌37'43		asc. node	-4735 Oct 05 j 09:44	11°♏17'13	
asc. node	-4736 Oct 18 j 12:34	0°♌37'45		inferior conj	-4735 Oct 07 j 00:04	9°♏06'54	0°32'36
	-4736 Oct 19 j 03:38	30°♏		minimum elong	-4735 Oct 06 j 23:19	9°♏09'29	0°32'24
inferior conj	-4736 Oct 22 j 18:13	25°♏29'39	1°24'40	min. Earth dist.	-4735 Oct 07 j 03:33	8°♏54'51	0.67315 AU
minimum elong	-4736 Oct 22 j 16:21	25°♏36'00	1°23'57	morning rise	-4735 Oct 12 j 06:07	2°♏51'37	
min. Earth dist.	-4736 Oct 23 j 08:19	24°♏41'49	0.66948 AU	direct	-4735 Oct 17 j 00:57	0°♏52'24	
morning rise	-4736 Oct 28 j 00:11	19°♏14'06		morning max el	-4735 Oct 26 j 23:40	6°♏48'38	22°53'07
direct	-4736 Nov 02 j 10:08	16°♏53'50			-4735 Nov 13 j 21:13	0°♌	
morning max el	-4736 Nov 13 j 13:10	23°♏31'48	24°19'21	desc. node	-4735 Nov 17 j 09:59	5°♌13'44	
	-4736 Nov 19 j 07:11	0°♌		morning set	-4735 Nov 30 j 03:45	25°♌15'12	
desc. node	-4736 Nov 30 j 13:05	15°♌09'00			-4735 Dec 03 j 00:08	0°♏	
	-4736 Dec 10 j 07:28	0°♏		max. Earth dist.	-4735 Dec 05 j 00:58	3°♏27'21	1.40119 AU
morning set	-4736 Dec 19 j 08:27	15°♏01'37					
max. Earth dist.	-4736 Dec 23 j 04:19	21°♏47'40	1.38060 AU	superior conj	-4735 Dec 12 j 18:15	17°♏06'29	-1°53'10
	-4736 Dec 27 j 15:20	0°♏		minimum elong	-4735 Dec 12 j 17:44	17°♏04'08	1°53'20
					-4735 Dec 19 j 16:01	0°♏	
superior conj	-4736 Dec 30 j 03:23	4°♏45'05	-1°49'27	evening rise	-4735 Dec 22 j 10:19	5°♏15'29	
minimum elong	-4736 Dec 30 j 05:13	4°♏53'56	1°49'35	asc. node	-4734 Jan 01 j 08:27	23°♏06'42	
evening rise	-4735 Jan 07 j 19:36	21°♏46'53			-4734 Jan 06 j 09:16	0°♏	
	-4735 Jan 12 j 01:15	0°♏		evening max el	-4734 Jan 07 j 16:31	1°♏21'44	18°25'50
asc. node	-4735 Jan 14 j 11:22	4°♏27'40		retrograde	-4734 Jan 15 j 03:36	5°♏02'10	
evening max el	-4735 Jan 24 j 12:48	18°♏44'20	19°02'32	evening set	-4734 Jan 17 j 16:23	4°♏38'03	
retrograde	-4735 Feb 02 j 01:59	22°♏49'56		inferior conj	-4734 Jan 25 j 00:08	0°♏02'40	3°57'35
evening set	-4735 Feb 04 j 12:08	22°♏31'37		minimum elong	-4734 Jan 25 j 02:08	29°♏58'36	3°57'11
inferior conj	-4735 Feb 12 j 11:46	18°♏16'23	3°19'26		-4734 Jan 25 j 01:26	30°♏	
minimum elong	-4735 Feb 12 j 16:23	18°♏08'16	3°18'16	min. Earth dist.	-4734 Jan 28 j 08:59	27°♏18'54	0.59092 AU
min. Earth dist.	-4735 Feb 15 j 14:24	16°♏06'25	0.57235 AU	morning rise	-4734 Feb 01 j 09:49	24°♏36'57	
morning rise	-4735 Feb 20 j 18:07	13°♏14'51		direct	-4734 Feb 07 j 17:11	22°♏53'26	
direct	-4735 Feb 25 j 23:40	12°♏10'20		desc. node	-4734 Feb 13 j 09:35	24°♏13'13	
desc. node	-4735 Feb 26 j 12:30	12°♏11'01			-4734 Feb 21 j 11:46	0°♏	
morning max el	-4735 Mar 12 j 04:29	19°♏29'05	25°30'36	morning max el	-4734 Feb 21 j 22:56	0°♏26'46	26°46'30
	-4735 Mar 21 j 01:50	0°♏			-4734 Mar 14 j 22:53	0°♏	
	-4735 Apr 07 j 06:30	0°♏		morning set	-4734 Mar 23 j 20:16	17°♏19'21	
morning set	-4735 Apr 08 j 09:35	2°♏21'06			-4734 Mar 29 j 18:01	0°♏	
asc. node	-4735 Apr 12 j 10:57	11°♏02'04		asc. node	-4734 Mar 30 j 07:55	1°♏15'58	
superior conj	-4735 Apr 15 j 09:39	17°♏27'06	0°30'09	superior conj	-4734 Mar 30 j 21:22	2°♏29'34	0°05'51
minimum elong	-4735 Apr 15 j 08:21	17°♏20'04	0°29'48	minimum elong	-4734 Mar 30 j 21:07	2°♏28'11	0°05'39
max. Earth dist.	-4735 Apr 16 j 07:06	19°♏23'50	1.32887 AU	behind sun begin	-4734 Mar 30 j 16:26	2°♏02'31	
	-4735 Apr 21 j 06:04	0°♏		behind sun end	-4734 Mar 31 j 01:48	2°♏53'52	
evening rise	-4735 Apr 22 j 13:34	2°♏43'21		max. Earth dist.	-4734 Mar 30 j 20:25	2°♏24'19	1.32612 AU
	-4735 May 07 j 11:55	0°♏		evening rise	-4734 Apr 06 j 21:33	17°♏35'28	
evening max el	-4735 May 24 j 01:33	21°♏24'54	27°10'44		-4734 Apr 13 j 02:57	0°♏	
desc. node	-4735 May 25 j 10:59	22°♏42'04			-4734 May 02 j 22:52	0°♏	
retrograde	-4735 Jun 06 j 23:57	28°♏48'01		evening max el	-4734 May 06 j 02:34	3°♏15'52	26°23'39
evening set	-4735 Jun 13 j 23:02	26°♏32'58		desc. node	-4734 May 12 j 08:09	8°♏09'01	
min. Earth dist.	-4735 Jun 17 j 14:52	23°♏44'55	0.61614 AU	retrograde	-4734 May 20 j 04:40	10°♏35'25	
inferior conj	-4735 Jun 20 j 18:41	20°♏53'34	-4°10'40	evening set	-4734 May 26 j 11:37	8°♏55'29	
minimum elong	-4735 Jun 20 j 20:18	20°♏49'53	4°10'22	min. Earth dist.	-4734 May 30 j 15:35	6°♏13'10	0.59581 AU
morning rise	-4735 Jun 27 j 19:05	15°♏57'47		inferior conj	-4734 Jun 03 j 00:49	3°♏33'22	-4°11'31
direct	-4735 Jun 30 j 08:55	15°♏29'32		minimum elong	-4734 Jun 02 j 23:33	3°♏35'52	4°11'19
morning max el	-4735 Jul 07 j 05:42	18°♏55'01	18°00'15		-4734 Jun 08 j 03:47	30°♏	
asc. node	-4735 Jul 09 j 10:43	21°♏20'51		morning rise	-4734 Jun 10 j 13:55	28°♏59'15	
	-4735 Jul 15 j 07:52	0°♏		direct	-4734 Jun 13 j 02:09	28°♏36'38	
morning set	-4735 Jul 23 j 09:05	14°♏17'42			-4734 Jun 17 j 18:27	0°♏	
	-4735 Aug 01 j 02:15	0°♏		morning max el	-4734 Jun 20 j 15:59	2°♏14'50	18°21'19
				asc. node	-4734 Jun 26 j 07:44	9°♏18'21	
superior conj	-4735 Aug 02 j 23:37	3°♏18'33	1°38'23	morning set	-4734 Jul 06 j 18:00	27°♏46'12	
minimum elong	-4735 Aug 03 j 03:33	3°♏35'36	1°38'22		-4734 Jul 07 j 22:06	0°♏	
max. Earth dist.	-4735 Aug 10 j 08:43	15°♏48'54	1.42280 AU				
evening rise	-4735 Aug 17 j 02:12	26°♏41'36		superior conj	-4734 Jul 16 j 02:51	15°♏23'45	1°48'35
	-4735 Aug 19 j 04:38	0°♏		minimum elong	-4734 Jul 16 j 03:56	15°♏28'43	1°48'47
desc. node	-4735 Aug 21 j 09:57	3°♏27'12		max. Earth dist.	-4734 Jul 23 j 13:18	28°♏35'55	1.40457 AU
	-4735 Sep 08 j 13:52	0°♏			-4734 Jul 24 j 08:56	0°♏	
evening max el	-4735 Sep 18 j 03:35	11°♏39'10	21°55'59	evening rise	-4734 Jul 28 j 06:13	6°♏31'37	
retrograde	-4735 Sep 27 j 07:33	17°♏05'48		desc. node	-4734 Aug 08 j 06:59	23°♏57'47	
evening set	-4735 Oct 01 j 16:23	15°♏21'43			-4734 Aug 12 j 08:17	0°♏	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening max el	-4734 Aug 31 j 17:53	25° Ω 04'19	23°15'54	evening max el	-4733 Aug 14 j 05:08	8° Ω 32'13	24°36'09
	-4734 Sep 06 j 22:18	0° \mathbb{M}		retrograde	-4733 Aug 25 j 14:23	15° Ω 12'07	
retrograde	-4734 Sep 11 j 00:50	1° \mathbb{M} 10'04		evening set	-4733 Aug 31 j 04:04	12° Ω 49'15	
	-4734 Sep 14 j 18:41	30° \mathbb{R} Ω		min. Earth dist.	-4733 Sep 04 j 19:05	7° Ω 28'57	0.67152 AU
evening set	-4734 Sep 15 j 23:34	29° Ω 06'16		inferior conj	-4733 Sep 05 j 12:16	6° Ω 31'23	-1°13'25
inferior conj	-4734 Sep 21 j 06:40	22° Ω 48'12	-0°20'37	minimum elong	-4733 Sep 05 j 13:58	6° Ω 25'44	1°12'31
minimum elong	-4734 Sep 21 j 07:09	22° Ω 46'34	0°20'15	asc. node	-4733 Sep 09 j 04:01	2° Ω 01'58	
min. Earth dist.	-4734 Sep 20 j 24:00	23° Ω 11'10	0.67385 AU	morning rise	-4733 Sep 10 j 23:50	0° Ω 25'51	
asc. node	-4734 Sep 22 j 06:53	21° Ω 25'32			-4733 Sep 11 j 15:40	30° \mathbb{R} Ξ	
morning rise	-4734 Sep 26 j 14:38	16° Ω 36'09		direct	-4733 Sep 14 j 16:50	29° Ξ 06'34	
direct	-4734 Sep 30 j 19:34	14° Ω 57'53			-4733 Sep 17 j 22:19	0° Ω	
morning max el	-4734 Oct 09 j 14:50	20° Ω 10'50	21°30'15	morning max el	-4733 Sep 22 j 12:49	3° Ω 40'50	20°17'02
	-4734 Oct 17 j 17:48	0° \mathbb{M}			-4733 Oct 11 j 16:19	0° \mathbb{M}	
desc. node	-4734 Nov 04 j 06:54	25° \mathbb{M} 34'58		morning set	-4733 Oct 19 j 18:27	12° \mathbb{M} 24'29	
	-4734 Nov 07 j 03:25	0° $\underline{\Omega}$		desc. node	-4733 Oct 22 j 03:50	16° \mathbb{M} 07'36	
morning set	-4734 Nov 09 j 19:12	4° $\underline{\Omega}$ 10'09		max. Earth dist.	-4733 Oct 30 j 11:55	29° \mathbb{M} 18'19	1.43605 AU
max. Earth dist.	-4734 Nov 17 j 02:39	15° $\underline{\Omega}$ 57'09	1.42059 AU		-4733 Oct 30 j 22:18	0° $\underline{\Omega}$	
superior conj	-4734 Nov 24 j 11:38	28° $\underline{\Omega}$ 23'15	-1°44'42	superior conj	-4733 Nov 05 j 02:27	8° $\underline{\Omega}$ 24'10	-1°20'43
minimum elong	-4734 Nov 24 j 07:40	28° $\underline{\Omega}$ 06'08	1°44'35	minimum elong	-4733 Nov 04 j 19:50	7° $\underline{\Omega}$ 56'59	1°20'05
	-4734 Nov 25 j 09:57	0° \mathbb{M}		evening rise	-4733 Nov 17 j 22:35	0° \mathbb{M} 07'50	
evening rise	-4734 Dec 05 j 12:44	18° \mathbb{M} 05'19			-4733 Nov 17 j 20:46	0° \mathbb{M}	
	-4734 Dec 12 j 03:45	0° \mathbb{M}		evening max el	-4733 Dec 05 j 14:32	27° \mathbb{M} 36'36	18°11'47
asc. node	-4734 Dec 19 j 05:35	11° \mathbb{M} 03'45		asc. node	-4733 Dec 06 j 02:43	28° \mathbb{M} 06'27	
evening max el	-4734 Dec 22 j 02:03	14° \mathbb{M} 21'38	18°09'08		-4733 Dec 08 j 12:53	0° \mathbb{M}	
retrograde	-4734 Dec 28 j 21:35	17° \mathbb{M} 50'55		retrograde	-4733 Dec 12 j 03:57	1° \mathbb{M} 06'51	
evening set	-4734 Dec 31 j 13:06	17° \mathbb{M} 19'47		evening set	-4733 Dec 14 j 22:46	0° \mathbb{M} 27'30	
inferior conj	-4733 Jan 07 j 07:32	12° \mathbb{M} 22'57	4°04'36		-4733 Dec 15 j 19:33	30° \mathbb{R} \mathbb{M}	
minimum elong	-4733 Jan 07 j 06:46	12° \mathbb{M} 24'44	4°04'22	inferior conj	-4733 Dec 21 j 06:26	25° \mathbb{M} 10'02	3°49'35
min. Earth dist.	-4733 Jan 10 j 10:05	9° \mathbb{M} 28'48	0.61087 AU	minimum elong	-4733 Dec 21 j 03:54	25° \mathbb{M} 16'43	3°49'02
morning rise	-4733 Jan 13 j 23:06	6° \mathbb{M} 40'25		min. Earth dist.	-4733 Dec 23 j 20:05	22° \mathbb{M} 27'05	0.62948 AU
direct	-4733 Jan 20 j 21:31	4° \mathbb{M} 20'51		morning rise	-4733 Dec 27 j 08:18	19° \mathbb{M} 15'28	
desc. node	-4733 Jan 31 j 06:40	8° \mathbb{M} 45'22		direct	-4732 Jan 03 j 10:14	16° \mathbb{M} 32'40	
morning max el	-4733 Feb 03 j 23:26	12° \mathbb{M} 01'23	27°31'32	morning max el	-4732 Jan 17 j 05:22	24° \mathbb{M} 15'18	27°40'42
	-4733 Feb 18 j 05:12	0° Ξ		desc. node	-4732 Jan 18 j 03:42	25° \mathbb{M} 11'24	
	-4733 Mar 07 j 03:01	0° \approx			-4732 Jan 22 j 11:23	0° \mathbb{M}	
morning set	-4733 Mar 08 j 03:29	2° \approx 05'01			-4732 Feb 11 j 12:05	0° Ξ	
max. Earth dist.	-4733 Mar 14 j 09:01	15° \approx 19'31	1.32678 AU	morning set	-4732 Feb 20 j 05:02	16° Ξ 30'19	
				max. Earth dist.	-4732 Feb 25 j 17:11	27° Ξ 56'12	1.33114 AU
					-4732 Feb 26 j 16:21	0° \approx	
superior conj	-4733 Mar 15 j 08:42	17° \approx 28'28	-0°19'03	superior conj	-4732 Feb 27 j 18:00	2° \approx 17'49	-0°43'35
minimum elong	-4733 Mar 15 j 09:33	17° \approx 33'07	0°19'03	minimum elong	-4732 Feb 27 j 19:54	2° \approx 28'00	0°43'25
asc. node	-4733 Mar 17 j 04:53	21° \approx 29'32		asc. node	-4732 Mar 03 j 01:54	11° \approx 38'44	
	-4733 Mar 21 j 03:19	0° \mathbb{H}		evening rise	-4732 Mar 05 j 19:53	17° \approx 30'08	
evening rise	-4733 Mar 22 j 08:15	2° \mathbb{H} 33'15			-4732 Mar 12 j 01:30	0° \mathbb{H}	
	-4733 Apr 06 j 07:42	0° \mathbb{Y}		evening max el	-4732 Mar 29 j 13:58	25° \mathbb{H} 14'37	23°38'05
evening max el	-4733 Apr 17 j 21:44	14° \mathbb{Y} 27'22	25°09'07		-4732 Apr 04 j 21:26	0° \mathbb{Y}	
desc. node	-4733 Apr 29 j 05:20	21° \mathbb{Y} 19'00		retrograde	-4732 Apr 12 j 04:57	2° \mathbb{Y} 00'21	
retrograde	-4733 May 01 j 23:13	21° \mathbb{Y} 36'41		desc. node	-4732 Apr 15 j 02:28	1° \mathbb{Y} 41'44	
evening set	-4733 May 07 j 02:46	20° \mathbb{Y} 35'11		evening set	-4732 Apr 16 j 01:00	1° \mathbb{Y} 28'01	
min. Earth dist.	-4733 May 12 j 10:12	17° \mathbb{Y} 42'22	0.57627 AU		-4732 Apr 19 j 19:22	30° \mathbb{R} \mathbb{H}	
inferior conj	-4733 May 15 j 12:04	15° \mathbb{Y} 36'25	-3°42'19	min. Earth dist.	-4732 Apr 23 j 01:29	28° \mathbb{H} 12'49	0.56088 AU
minimum elong	-4733 May 15 j 07:33	15° \mathbb{Y} 44'11	3°41'32	inferior conj	-4732 Apr 25 j 03:20	26° \mathbb{H} 57'49	-2°34'45
morning rise	-4733 May 23 j 15:24	11° \mathbb{Y} 22'14		minimum elong	-4732 Apr 24 j 21:44	27° \mathbb{H} 06'17	2°33'15
direct	-4733 May 26 j 02:26	11° \mathbb{Y} 04'08		morning rise	-4732 May 03 j 21:12	22° \mathbb{H} 57'28	
morning max el	-4733 Jun 03 j 19:38	15° \mathbb{Y} 08'59	19°02'27	direct	-4732 May 06 j 08:12	22° \mathbb{H} 42'11	
asc. node	-4733 Jun 13 j 04:44	27° \mathbb{Y} 58'25		morning max el	-4732 May 16 j 13:58	27° \mathbb{H} 28'05	20°03'55
	-4733 Jun 14 j 08:23	0° \mathbb{B}			-4732 May 19 j 00:32	0° \mathbb{Y}	
morning set	-4733 Jun 20 j 13:33	11° \mathbb{B} 48'17		asc. node	-4732 May 30 j 01:43	17° \mathbb{Y} 10'55	
superior conj	-4733 Jun 29 j 01:08	28° \mathbb{B} 27'12	1°47'50	morning set	-4732 Jun 03 j 16:36	26° \mathbb{Y} 16'01	
minimum elong	-4733 Jun 29 j 00:01	28° \mathbb{B} 21'51	1°47'59		-4732 Jun 05 j 12:41	0° \mathbb{B}	
	-4733 Jun 29 j 20:31	0° \mathbb{H}		superior conj	-4732 Jun 11 j 13:18	12° \mathbb{B} 14'35	1°38'57
max. Earth dist.	-4733 Jul 05 j 14:38	10° \mathbb{H} 42'10	1.38517 AU	minimum elong	-4732 Jun 11 j 10:57	12° \mathbb{B} 02'51	1°38'55
evening rise	-4733 Jul 09 j 12:42	17° \mathbb{H} 38'57		max. Earth dist.	-4732 Jun 16 j 18:48	22° \mathbb{B} 29'11	1.36701 AU
	-4733 Jul 16 j 21:51	0° Ξ		evening rise	-4732 Jun 20 j 18:52	29° \mathbb{B} 57'36	
desc. node	-4733 Jul 26 j 04:02	14° Ξ 14'59					
	-4733 Aug 06 j 16:31	0° Ω					

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4732 Jun 20 j 19:24	0°♊				-4731 Jun 13 j 03:47	0°♊	
	-4732 Jul 09 j 02:36	0°♋		desc. node		-4731 Jun 28 j 22:08	23°♊42'01	
desc. node	-4732 Jul 12 j 01:05	4°♋12'31				-4731 Jul 03 j 23:45	0°♋	
evening max el	-4732 Jul 26 j 15:48	22°♋02'40	25°48'48	evening max el		-4731 Jul 09 j 02:56	5°♋30'47	26°45'37
retrograde	-4732 Aug 07 j 23:19	29°♋07'16		retrograde		-4731 Jul 22 j 03:21	12°♋49'56	
evening set	-4732 Aug 14 j 03:52	26°♋28'35		evening set		-4731 Jul 28 j 20:44	10°♋02'13	
min. Earth dist.	-4732 Aug 18 j 10:18	21°♋45'52	0.66596 AU	min. Earth dist.		-4731 Aug 01 j 19:19	5°♋58'14	0.65680 AU
inferior conj	-4732 Aug 19 j 15:04	20°♋14'06	-2°04'06	inferior conj		-4731 Aug 03 j 13:04	3°♋53'55	-2°50'43
minimum elong	-4732 Aug 19 j 17:49	20°♋05'19	2°02'52	minimum elong		-4731 Aug 03 j 16:32	3°♋43'34	2°49'26
morning rise	-4732 Aug 25 j 07:50	14°♋18'23				-4731 Aug 07 j 02:36	30°♋♊	
asc. node	-4732 Aug 26 j 01:07	13°♋53'52		morning rise		-4731 Aug 09 j 12:39	28°♊11'18	
direct	-4732 Aug 28 j 15:04	13°♋15'19		direct		-4731 Aug 12 j 12:22	27°♊21'23	
morning max el	-4732 Sep 04 j 17:49	17°♋18'42	19°17'16	asc. node		-4731 Aug 12 j 22:13	27°♊22'19	
	-4732 Sep 14 j 09:21	0°♌				-4731 Aug 18 j 02:09	0°♋	
morning set	-4732 Sep 28 j 00:13	21°♌03'38		morning max el		-4731 Aug 19 j 04:30	1°♋02'49	18°33'09
	-4732 Oct 03 j 17:05	0°♍				-4731 Sep 07 j 16:27	0°♌	
desc. node	-4732 Oct 08 j 00:44	6°♍47'04		morning set		-4731 Sep 08 j 05:37	0°♌53'20	
max. Earth dist.	-4732 Oct 12 j 03:18	13°♍15'41	1.44553 AU					
				superior conj		-4731 Sep 23 j 14:15	25°♌26'34	0°08'16
superior conj	-4732 Oct 14 j 14:53	17°♍11'47	-0°40'48	minimum elong		-4731 Sep 23 j 15:20	25°♌30'52	0°08'15
minimum elong	-4732 Oct 14 j 09:56	16°♍52'07	0°40'06	behind sun begin		-4731 Sep 23 j 05:27	24°♌51'49	
	-4732 Oct 22 j 14:30	0°♎		behind sun end		-4731 Sep 24 j 01:14	26°♌09'54	
evening rise	-4732 Oct 29 j 10:58	11°♎12'21		desc. node		-4731 Sep 24 j 21:39	27°♌30'26	
	-4732 Nov 09 j 23:31	0°♏		max. Earth dist.		-4731 Sep 24 j 21:23	27°♌29'25	1.44791 AU
evening max el	-4732 Nov 18 j 03:02	10°♏59'09	18°32'53			-4731 Sep 26 j 11:36	0°♏	
asc. node	-4732 Nov 21 j 23:51	13°♏59'05		evening rise		-4731 Oct 09 j 22:24	21°♏12'11	
retrograde	-4732 Nov 24 j 18:29	14°♏40'46				-4731 Oct 15 j 11:54	0°♎	
evening set	-4732 Nov 27 j 17:55	13°♏51'34		greatest brilliancy		-4731 Oct 18 j 18:52	5°♎10'26	-0.8m
inferior conj	-4732 Dec 03 j 17:04	8°♏15'46	3°19'40	evening max el		-4731 Nov 01 j 13:04	24°♎25'05	19°11'20
minimum elong	-4732 Dec 03 j 13:51	8°♏25'10	3°18'47	retrograde		-4731 Nov 08 j 13:44	28°♎27'02	
min. Earth dist.	-4732 Dec 05 j 16:00	5°♏58'28	0.64512 AU	asc. node		-4731 Nov 08 j 20:59	28°♎26'31	
morning rise	-4732 Dec 09 j 09:22	2°♏11'59		evening set		-4731 Nov 11 j 19:37	27°♎25'53	
	-4732 Dec 12 j 22:21	30°♏♎		inferior conj		-4731 Nov 17 j 12:14	21°♎34'51	2°39'50
direct	-4732 Dec 16 j 05:40	29°♎21'16		minimum elong		-4731 Nov 17 j 09:09	21°♎44'36	2°38'47
	-4732 Dec 19 j 17:48	0°♏		min. Earth dist.		-4731 Nov 18 j 21:16	19°♎50'29	0.65724 AU
morning max el	-4732 Dec 29 j 14:27	7°♏00'09	27°15'22	morning rise		-4731 Nov 22 j 22:24	15°♎24'15	
desc. node	-4731 Jan 04 j 00:43	12°♏58'16		direct		-4731 Nov 29 j 07:19	12°♎38'38	
	-4731 Jan 16 j 10:12	0°♐		morning max el		-4731 Dec 12 j 00:16	20°♎04'29	26°21'22
morning set	-4731 Feb 02 j 21:58	0°♑24'56				-4731 Dec 20 j 14:21	0°♏	
	-4731 Feb 02 j 16:51	0°♑		desc. node		-4731 Dec 21 j 21:43	1°♏42'19	
max. Earth dist.	-4731 Feb 07 j 17:06	10°♑02'25	1.33952 AU			-4730 Jan 09 j 12:04	0°♐	
				morning set		-4730 Jan 17 j 02:29	13°♐37'20	
superior conj	-4731 Feb 10 j 23:19	16°♑50'22	-1°06'45	max. Earth dist.		-4730 Jan 21 j 05:49	21°♐34'04	1.35228 AU
minimum elong	-4731 Feb 11 j 02:01	17°♑04'35	1°06'32			-4730 Jan 25 j 10:49	0°♑	
	-4731 Feb 17 j 04:09	0°♒						
asc. node	-4731 Feb 17 j 22:55	1°♒38'34		superior conj		-4730 Jan 25 j 22:22	0°♑59'07	-1°27'13
evening rise	-4731 Feb 18 j 06:39	2°♒19'00		minimum elong		-4730 Jan 26 j 01:24	1°♑14'38	1°27'05
	-4731 Mar 06 j 01:00	0°♓		evening rise		-4730 Feb 02 j 14:45	16°♑53'53	
evening max el	-4731 Mar 11 j 08:47	6°♓02'16	22°04'31	asc. node		-4730 Feb 04 j 19:56	21°♑24'17	
retrograde	-4731 Mar 23 j 22:54	12°♓07'58				-4730 Feb 09 j 07:12	0°♒	
evening set	-4731 Mar 26 j 18:41	11°♓50'18		evening max el		-4730 Feb 21 j 11:48	17°♒14'34	20°40'24
desc. node	-4731 Apr 01 j 23:36	9°♓27'26		retrograde		-4730 Mar 04 j 12:53	22°♒29'30	
min. Earth dist.	-4731 Apr 04 j 15:30	7°♓59'57	0.55270 AU	evening set		-4730 Mar 06 j 21:54	22°♒15'53	
inferior conj	-4731 Apr 05 j 02:59	7°♓43'45	-0°51'38	inferior conj		-4730 Mar 15 j 22:47	18°♒17'47	1°04'02
minimum elong	-4731 Apr 05 j 00:36	7°♓47'06	0°50'55	minimum elong		-4730 Mar 16 j 01:36	18°♒13'42	1°02'56
morning rise	-4731 Apr 14 j 07:42	3°♓44'32		min. Earth dist.		-4730 Mar 17 j 05:37	17°♒33'07	0.55363 AU
direct	-4731 Apr 16 j 23:33	3°♓28'37		desc. node		-4730 Mar 19 j 20:47	16°♒05'59	
morning max el	-4731 Apr 28 j 21:31	9°♓06'08	21°24'24	morning rise		-4730 Mar 25 j 04:06	14°♒01'20	
	-4731 May 13 j 10:55	0°♔		direct		-4730 Mar 28 j 12:05	13°♒37'10	
asc. node	-4731 May 16 j 22:41	6°♔47'36		morning max el		-4730 Apr 10 j 19:06	20°♒05'59	22°58'54
morning set	-4731 May 19 j 00:42	11°♔02'24				-4730 Apr 19 j 01:31	0°♓	
				morning set		-4730 May 03 j 11:46	26°♓00'14	
superior conj	-4731 May 26 j 11:16	26°♔34'09	1°24'13	asc. node		-4730 May 03 j 19:38	26°♓41'19	
minimum elong	-4731 May 26 j 08:32	26°♔20'00	1°23'59			-4730 May 05 j 09:18	0°♕	
	-4731 May 28 j 03:13	0°♕						
max. Earth dist.	-4731 May 30 j 07:02	4°♕22'48	1.35168 AU	superior conj		-4730 May 10 j 15:53	11°♕15'32	1°05'21
evening rise	-4731 Jun 03 j 19:23	13°♕13'07		minimum elong		-4730 May 10 j 13:24	11°♕02'18	1°04'58

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

max. Earth dist.	-4730 May 13 j 05:05	16° Υ 38'30	1.33995 AU	superior conj	-4729 Apr 25 j 00:48	26° H 10'53	0°43'36
evening rise	-4730 May 18 j 09:11	27° Υ 10'24		minimum elong	-4729 Apr 24 j 22:59	26° H 01'04	0°43'13
	-4730 May 19 j 19:50	0° B		max. Earth dist.	-4729 Apr 26 j 11:39	29° H 19'01	1.33193 AU
	-4730 Jun 06 j 10:23	0° Π			-4729 Apr 26 j 19:17	0° Υ	
desc. node	-4730 Jun 15 j 19:14	12° Π 31'01		evening rise	-4729 May 02 j 08:24	11° Υ 37'22	
evening max el	-4730 Jun 21 j 13:54	18° Π 46'17	27°19'07		-4729 May 12 j 01:36	0° B	
retrograde	-4730 Jul 05 j 02:04	26° Π 11'28			-4729 Jun 02 j 07:42	0° Π	
evening set	-4730 Jul 12 j 03:47	23° Π 25'34		desc. node	-4729 Jun 02 j 16:22	0° Π 22'14	
min. Earth dist.	-4730 Jul 15 j 20:09	19° Π 57'52	0.64378 AU	evening max el	-4729 Jun 03 j 22:59	1° Π 37'51	27°23'10
inferior conj	-4730 Jul 18 j 03:56	17° Π 26'03	-3°30'44	retrograde	-4729 Jun 17 j 18:49	9° Π 02'50	
minimum elong	-4730 Jul 18 j 07:31	17° Π 16'18	3°29'43	evening set	-4729 Jun 24 j 21:29	6° Π 32'40	
morning rise	-4730 Jul 24 j 11:54	11° Π 59'30		min. Earth dist.	-4729 Jun 28 j 11:33	3° Π 33'30	0.62710 AU
direct	-4730 Jul 27 j 06:13	11° Π 19'51		inferior conj	-4729 Jul 01 j 08:50	0° Π 44'44	-4°00'26
asc. node	-4730 Jul 30 j 19:17	12° Π 24'23		minimum elong	-4729 Jul 01 j 11:33	0° Π 38'07	3°59'52
morning max el	-4730 Aug 02 j 18:30	14° Π 48'06	18°06'00		-4729 Jul 02 j 03:16	30° R B	
	-4730 Aug 13 j 11:18	0° E		morning rise	-4729 Jul 08 j 02:46	25° B 36'53	
morning set	-4730 Aug 20 j 13:59	11° E 59'56		direct	-4729 Jul 10 j 17:41	25° B 05'04	
	-4730 Aug 31 j 08:58	0° O		morning max el	-4729 Jul 17 j 09:12	28° B 29'01	17°56'51
				asc. node	-4729 Jul 17 j 16:19	28° B 46'51	
superior conj	-4730 Sep 02 j 23:20	4° O 13'23	0°53'44		-4729 Jul 18 j 19:16	0° Π	
minimum elong	-4730 Sep 03 j 04:52	4° O 35'45	0°53'17	morning set	-4729 Aug 02 j 21:25	24° Π 12'43	
max. Earth dist.	-4730 Sep 07 j 14:23	11° O 38'26	1.44306 AU		-4729 Aug 06 j 03:46	0° E	
desc. node	-4730 Sep 11 j 18:33	18° O 14'17		superior conj	-4729 Aug 14 j 09:38	14° E 15'32	1°26'23
evening rise	-4730 Sep 19 j 11:00	0° N 13'03		minimum elong	-4729 Aug 14 j 14:58	14° E 38'03	1°26'09
	-4730 Sep 19 j 07:37	0° N		max. Earth dist.	-4729 Aug 21 j 03:41	25° E 26'19	1.43174 AU
greatest brilliancy	-4730 Oct 03 j 00:28	20° N 53'31	-0.6m		-4729 Aug 23 j 23:38	0° O	
	-4730 Oct 09 j 08:40	0° E		evening rise	-4729 Aug 29 j 14:29	8° O 51'53	
evening max el	-4730 Oct 15 j 18:26	7° E 51'18	20°05'31	desc. node	-4729 Aug 29 j 15:29	8° O 55'49	
retrograde	-4730 Oct 23 j 10:50	12° E 21'25			-4729 Sep 12 j 13:52	0° N	
asc. node	-4730 Oct 26 j 18:08	11° E 17'55		evening max el	-4729 Sep 28 j 17:52	21° N 16'53	21°12'51
evening set	-4730 Oct 27 j 01:23	11° E 05'44		retrograde	-4729 Oct 07 j 07:34	26° N 21'26	
inferior conj	-4730 Nov 01 j 13:15	5° E 02'55	1°53'25	evening set	-4729 Oct 11 j 09:07	24° N 48'29	
minimum elong	-4730 Nov 01 j 10:50	5° E 10'58	1°52'30	asc. node	-4729 Oct 13 j 15:18	22° N 37'50	
min. Earth dist.	-4730 Nov 02 j 09:54	3° E 54'08	0.66589 AU	inferior conj	-4729 Oct 16 j 17:53	18° N 37'16	1°02'50
	-4730 Nov 05 j 14:37	30° R N		minimum elong	-4729 Oct 16 j 16:28	18° N 42'08	1°02'19
morning rise	-4730 Nov 06 j 20:03	28° N 48'11		min. Earth dist.	-4729 Oct 17 j 03:28	18° N 04'25	0.67138 AU
direct	-4730 Nov 12 j 14:42	26° N 16'51		morning rise	-4729 Oct 21 j 23:38	12° N 21'19	
	-4730 Nov 20 j 19:05	0° E		direct	-4729 Oct 27 j 03:07	10° N 09'33	
morning max el	-4730 Nov 24 j 09:15	3° E 16'35	25°07'15	morning max el	-4729 Nov 06 j 18:11	16° N 30'41	23°42'40
desc. node	-4730 Dec 08 j 18:41	21° E 06'32			-4729 Nov 17 j 21:27	0° E	
	-4730 Dec 14 j 20:32	0° N		desc. node	-4729 Nov 25 j 15:36	10° E 58'52	
morning set	-4730 Dec 30 j 13:29	25° N 52'46			-4729 Dec 07 j 21:24	0° N	
	-4729 Jan 01 j 20:09	0° A		morning set	-4729 Dec 12 j 00:45	6° N 53'48	
max. Earth dist.	-4729 Jan 03 j 07:20	2° A 42'16	1.36922 AU	max. Earth dist.	-4729 Dec 16 j 03:06	13° N 58'51	1.38924 AU
superior conj	-4729 Jan 09 j 12:14	14° A 35'35	-1°43'12	superior conj	-4729 Dec 23 j 12:54	27° N 28'06	-1°52'17
minimum elong	-4729 Jan 09 j 14:50	14° A 48'22	1°43'14	minimum elong	-4729 Dec 23 j 13:55	27° N 32'51	1°52'28
	-4729 Jan 17 j 04:29	0° B			-4729 Dec 24 j 21:05	0° A	
evening rise	-4729 Jan 17 j 18:08	1° B 08'37		evening rise	-4728 Jan 01 j 14:17	14° A 55'39	
asc. node	-4729 Jan 22 j 16:59	10° B 50'18		asc. node	-4728 Jan 09 j 14:05	29° A 48'50	
evening max el	-4729 Feb 04 j 01:26	29° B 03'01	19°32'51		-4728 Jan 09 j 16:42	0° B	
	-4729 Feb 05 j 02:50	0° \approx		evening max el	-4728 Jan 18 j 00:43	11° B 24'32	18°44'34
retrograde	-4729 Feb 13 j 10:44	3° \approx 30'03		retrograde	-4728 Jan 26 j 01:17	15° B 17'09	
evening set	-4729 Feb 15 j 19:16	3° \approx 14'31		evening set	-4728 Jan 28 j 12:41	14° B 56'28	
	-4729 Feb 22 j 20:52	30° R B		inferior conj	-4728 Feb 05 j 05:19	10° B 33'22	3°39'56
inferior conj	-4729 Feb 24 j 04:47	29° B 09'05	2°40'20	minimum elong	-4728 Feb 05 j 08:59	10° B 26'32	3°39'09
minimum elong	-4729 Feb 24 j 09:55	29° B 00'47	2°38'46	min. Earth dist.	-4728 Feb 08 j 12:41	8° B 06'16	0.57987 AU
min. Earth dist.	-4729 Feb 26 j 20:25	27° B 26'50	0.56346 AU	morning rise	-4728 Feb 13 j 02:52	5° B 20'50	
morning rise	-4729 Mar 04 j 21:59	24° B 23'52		direct	-4728 Feb 18 j 20:43	3° B 59'54	
desc. node	-4729 Mar 06 j 17:56	23° B 54'20		desc. node	-4728 Feb 21 j 15:05	4° B 18'35	
direct	-4729 Mar 09 j 09:56	23° B 38'00		morning max el	-4728 Mar 04 j 02:23	11° B 26'05	26°05'54
	-4729 Mar 22 j 15:51	0° \approx			-4728 Mar 18 j 10:43	0° \approx	
morning max el	-4729 Mar 23 j 10:45	0° \approx 44'12	24°37'25	morning set	-4728 Apr 01 j 11:47	26° \approx 05'07	
	-4729 Apr 12 j 12:17	0° H			-4728 Apr 03 j 08:09	0° H	
morning set	-4729 Apr 18 j 00:03	11° H 03'32		asc. node	-4728 Apr 06 j 13:34	6° H 58'45	
asc. node	-4729 Apr 20 j 16:36	16° H 46'52					

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4728 Apr 08 j 11:58	11° X 12'14	0°19'59	superior conj	-4727 Mar 23 j 23:42	26° \approx 13'23	-0°04'43
minimum elong	-4728 Apr 08 j 11:06	11° X 07'29	0°19'41	minimum elong	-4727 Mar 23 j 23:55	26° \approx 14'35	0°04'50
max. Earth dist.	-4728 Apr 08 j 23:37	12° X 15'53	1.32735 AU	behind sun begin	-4727 Mar 23 j 19:08	25° \approx 48'21	
evening rise	-4728 Apr 15 j 13:53	26° X 22'44		behind sun end	-4727 Mar 24 j 04:43	26° \approx 40'49	
	-4728 Apr 17 j 08:20	0° Y		max. Earth dist.	-4727 Mar 23 j 13:15	25° \approx 16'12	1.32605 AU
	-4728 May 04 j 15:43	0° Z		asc. node	-4727 Mar 24 j 10:34	27° \approx 12'47	
evening max el	-4728 May 16 j 03:45	13° Z 53'29	26°54'32		-4727 Mar 25 j 17:09	0° X	
desc. node	-4728 May 19 j 13:33	16° Z 50'51		evening rise	-4727 Mar 30 j 23:16	11° X 17'57	
retrograde	-4728 May 30 j 04:09	21° Z 14'53			-4727 Apr 09 j 14:49	0° Y	
evening set	-4728 Jun 05 j 21:42	19° Z 14'05		evening max el	-4727 Apr 28 j 02:15	25° Y 26'45	25°54'42
min. Earth dist.	-4728 Jun 09 j 17:17	16° Z 30'16	0.60763 AU		-4727 May 03 j 19:40	0° Z	
inferior conj	-4728 Jun 13 j 00:21	13° Z 41'25	-4°14'05	desc. node	-4727 May 06 j 10:44	1° Z 24'12	
minimum elong	-4728 Jun 13 j 00:53	13° Z 40'16	4°13'54	retrograde	-4727 May 12 j 04:23	2° Z 42'12	
morning rise	-4728 Jun 20 j 05:54	8° Z 54'25		evening set	-4727 May 18 j 01:02	1° Z 18'57	
direct	-4728 Jun 22 j 18:58	8° Z 28'40			-4727 May 20 j 11:13	30° R Y	
morning max el	-4728 Jun 29 j 21:50	11° Z 58'16	18°06'42	min. Earth dist.	-4727 May 22 j 14:48	28° Y 34'06	0.58729 AU
asc. node	-4728 Jul 03 j 13:21	16° Z 13'36		inferior conj	-4727 May 25 j 22:47	26° Y 06'22	-4°03'23
	-4728 Jul 11 j 23:33	0° II		minimum elong	-4727 May 25 j 20:04	26° Y 11'25	4°03'02
morning set	-4728 Jul 15 j 22:28	7° II 17'20		morning rise	-4727 Jun 02 j 17:45	21° Y 41'01	
				direct	-4727 Jun 05 j 05:40	21° Y 20'18	
superior conj	-4728 Jul 25 j 23:11	25° II 39'00	1°44'15	morning max el	-4727 Jun 13 j 05:33	25° Y 07'42	18°36'19
minimum elong	-4728 Jul 26 j 01:53	25° II 51'00	1°44'21		-4727 Jun 17 j 10:01	0° Z	
	-4728 Jul 28 j 10:26	0° S		asc. node	-4727 Jun 20 j 10:21	4° Z 30'17	
max. Earth dist.	-4728 Aug 02 j 11:59	8° S 40'06	1.41541 AU	morning set	-4727 Jun 29 j 12:20	21° Z 01'12	
evening rise	-4728 Aug 08 j 05:18	18° S 04'10			-4727 Jul 04 j 03:49	0° II	
desc. node	-4728 Aug 15 j 12:28	29° S 31'40					
	-4728 Aug 15 j 19:53	0° Q		superior conj	-4727 Jul 08 j 11:11	8° II 10'42	1°49'25
	-4728 Sep 06 j 05:45	0° R		minimum elong	-4727 Jul 08 j 11:14	8° II 10'53	1°49'38
evening max el	-4728 Sep 10 j 11:15	4° R 42'22	22°29'35	max. Earth dist.	-4727 Jul 15 j 15:10	21° II 10'23	1.39634 AU
retrograde	-4728 Sep 20 j 02:23	10° R 25'11		evening rise	-4727 Jul 19 j 20:27	28° II 26'09	
evening set	-4728 Sep 24 j 17:00	8° R 32'51			-4727 Jul 20 j 18:48	0° S	
asc. node	-4728 Sep 29 j 12:26	2° R 57'16		desc. node	-4727 Aug 02 j 09:29	19° S 57'07	
inferior conj	-4728 Sep 30 j 00:15	2° R 16'31	0°10'05		-4727 Aug 09 j 08:06	0° Q	
minimum elong	-4728 Sep 30 j 00:01	2° R 17'20	0°10'07	evening max el	-4727 Aug 23 j 23:54	18° Q 08'13	23°50'26
transit middle	-4728 Sep 30 j 00:01	2° R 17'20	0°10'07	retrograde	-4727 Sep 03 j 18:04	24° Q 28'59	
transit begin	-4728 Sep 29 j 21:54	2° R 24'39		evening set	-4727 Sep 08 j 23:14	22° Q 16'38	
transit end	-4728 Sep 30 j 02:08	2° R 10'01		inferior conj	-4727 Sep 14 j 06:36	15° Q 58'22	-0°43'10
min. Earth dist.	-4728 Sep 29 j 23:27	2° R 19'16	0.67384 AU	minimum elong	-4727 Sep 14 j 07:36	15° Q 54'58	0°42'34
	-4728 Oct 01 j 16:26	30° R Q		min. Earth dist.	-4727 Sep 13 j 19:29	16° Q 36'17	0.67328 AU
morning rise	-4728 Oct 05 j 06:55	26° Q 02'21		asc. node	-4727 Sep 16 j 09:34	13° Q 09'58	
direct	-4728 Oct 09 j 19:45	24° Q 12'00		morning rise	-4727 Sep 19 j 15:55	9° Q 48'59	
	-4728 Oct 19 j 10:29	0° R		direct	-4727 Sep 23 j 15:33	8° Q 19'11	
morning max el	-4728 Oct 19 j 06:11	29° Q 49'01	22°17'02	morning max el	-4727 Oct 02 j 00:10	13° Q 14'25	20°57'42
	-4728 Nov 10 j 17:37	0° S			-4727 Oct 14 j 23:34	0° R	
desc. node	-4728 Nov 11 j 12:31	1° S 11'30		desc. node	-4727 Oct 29 j 09:24	21° R 37'57	
morning set	-4728 Nov 21 j 07:42	16° S 31'35		morning set	-4727 Oct 31 j 13:54	25° R 01'54	
max. Earth dist.	-4728 Nov 27 j 01:37	25° S 59'43	1.40979 AU		-4727 Nov 03 j 17:46	0° S	
	-4728 Nov 29 j 10:15	0° M		max. Earth dist.	-4727 Nov 09 j 07:02	8° S 54'18	1.42783 AU
superior conj	-4728 Dec 04 j 19:24	9° M 24'05	-1°51'18	superior conj	-4727 Nov 16 j 01:51	20° S 08'46	-1°36'34
minimum elong	-4728 Dec 04 j 17:29	9° M 15'35	1°51'23	minimum elong	-4727 Nov 15 j 20:28	19° S 46'01	1°36'13
evening rise	-4728 Dec 15 j 00:14	28° M 08'42			-4727 Nov 21 j 19:30	0° M	
	-4728 Dec 16 j 00:04	0° X		evening rise	-4727 Nov 27 j 20:08	10° M 39'18	
asc. node	-4728 Dec 26 j 11:11	18° X 11'11			-4727 Dec 09 j 02:44	0° X	
evening max el	-4728 Dec 31 j 07:17	24° X 12'22	18°16'18	asc. node	-4727 Dec 13 j 08:18	5° X 46'15	
retrograde	-4727 Jan 07 j 10:17	27° X 46'13		evening max el	-4727 Dec 14 j 18:18	7° X 18'30	18°07'52
evening set	-4727 Jan 10 j 00:22	27° X 19'04		retrograde	-4727 Dec 21 j 10:14	10° X 47'10	
inferior conj	-4727 Jan 17 j 02:05	22° X 34'19	4°03'48	evening set	-4727 Dec 24 j 02:59	10° X 12'41	
minimum elong	-4727 Jan 17 j 02:49	22° X 32'42	4°03'32	inferior conj	-4727 Dec 30 j 16:30	5° X 06'32	4°00'28
min. Earth dist.	-4727 Jan 20 j 09:19	19° X 43'33	0.59947 AU	minimum elong	-4727 Dec 30 j 14:51	5° X 10'37	4°00'07
morning rise	-4727 Jan 24 j 03:37	17° X 00'59		min. Earth dist.	-4726 Jan 02 j 13:53	2° X 15'03	0.61905 AU
direct	-4727 Jan 30 j 18:57	15° X 01'17			-4726 Jan 05 j 03:22	30° R M	
desc. node	-4727 Feb 07 j 12:11	17° X 28'19		morning rise	-4726 Jan 06 j 01:40	29° M 18'15	
morning max el	-4727 Feb 13 j 23:08	22° X 37'20	27°09'55	direct	-4726 Jan 13 j 02:40	26° M 47'16	
	-4727 Feb 20 j 13:00	0° Z			-4726 Jan 21 j 18:25	0° X	
	-4727 Mar 11 j 09:15	0° \approx		desc. node	-4726 Jan 25 j 09:15	2° X 52'52	
morning set	-4727 Mar 16 j 21:14	10° \approx 58'29		morning max el	-4726 Jan 27 j 02:20	4° X 29'12	27°40'01

	-4726 Feb 15 j 04:43	0°𐌱			-4725 Feb 07 j 21:54	0°𐌱	
morning set	-4726 Mar 01 j 02:21	25°𐌰36'28		morning set	-4725 Feb 13 j 00:37	9°𐌰49'51	
	-4726 Mar 03 j 05:21	0°𐌶		max. Earth dist.	-4725 Feb 18 j 05:34	20°𐌰29'45	1.33409 AU
max. Earth dist.	-4726 Mar 07 j 00:35	8°𐌶05'36	1.32814 AU				
				superior conj	-4725 Feb 20 j 18:12	25°𐌰51'15	-0°53'40
superior conj	-4726 Mar 08 j 10:22	11°𐌶08'34	-0°29'34	minimum elong	-4725 Feb 20 j 20:28	26°𐌰03'23	0°53'28
minimum elong	-4726 Mar 08 j 11:41	11°𐌶15'41	0°29'29		-4725 Feb 22 j 16:35	0°𐌶	
asc. node	-4726 Mar 11 j 07:33	17°𐌶24'47		asc. node	-4725 Feb 26 j 04:33	7°𐌶30'14	
evening rise	-4726 Mar 15 j 10:34	26°𐌶15'52		evening rise	-4725 Feb 27 j 22:00	11°𐌶09'31	
	-4726 Mar 17 j 05:37	0°𐌶			-4725 Mar 09 j 16:50	0°𐌶	
	-4726 Apr 04 j 01:17	0°𐌶		evening max el	-4725 Mar 22 j 11:51	17°𐌶08'16	22°57'52
evening max el	-4726 Apr 09 j 19:24	6°𐌶24'41	24°31'34	retrograde	-4725 Apr 04 j 18:38	23°𐌶39'41	
desc. node	-4726 Apr 23 j 07:54	13°𐌶26'11		evening set	-4725 Apr 08 j 02:33	23°𐌶15'24	
retrograde	-4726 Apr 23 j 17:48	13°𐌶26'35		desc. node	-4725 Apr 10 j 05:04	22°𐌶36'43	
evening set	-4726 Apr 28 j 08:04	12°𐌶38'52		min. Earth dist.	-4725 Apr 15 j 22:12	19°𐌶46'53	0.55625 AU
min. Earth dist.	-4726 May 04 j 07:25	9°𐌶38'02	0.56899 AU	inferior conj	-4725 Apr 17 j 09:03	18°𐌶56'15	-1°54'31
inferior conj	-4726 May 07 j 01:26	7°𐌶51'52	-3°18'37	minimum elong	-4725 Apr 17 j 04:18	19°𐌶03'10	1°53'06
minimum elong	-4726 May 06 j 20:00	8°𐌶00'40	3°17'26	morning rise	-4725 Apr 26 j 08:21	14°𐌶58'23	
morning rise	-4726 May 15 j 11:07	3°𐌶45'10		direct	-4725 Apr 28 j 20:07	14°𐌶43'35	
direct	-4726 May 17 j 21:53	3°𐌶28'34		morning max el	-4725 May 09 j 19:34	19°𐌶51'08	20°36'05
morning max el	-4726 May 27 j 05:38	7°𐌶48'43	19°26'13		-4725 May 17 j 22:18	0°𐌶	
asc. node	-4726 Jun 07 j 07:21	23°𐌶25'32		asc. node	-4725 May 25 j 04:19	12°𐌶48'58	
	-4726 Jun 10 j 19:22	0°𐌸		morning set	-4725 May 28 j 16:56	19°𐌶51'50	
morning set	-4726 Jun 13 j 11:27	5°𐌸15'38			-4725 Jun 02 j 14:56	0°𐌸	
superior conj	-4726 Jun 21 j 16:02	21°𐌸35'24	1°44'54	superior conj	-4725 Jun 05 j 08:49	5°𐌸37'54	1°33'18
minimum elong	-4726 Jun 21 j 14:17	21°𐌸26'50	1°45'00	minimum elong	-4725 Jun 05 j 06:14	5°𐌸24'40	1°33'11
	-4726 Jun 26 j 01:06	0°𐌹		max. Earth dist.	-4725 Jun 09 j 23:36	14°𐌸50'38	1.36004 AU
max. Earth dist.	-4726 Jun 27 j 16:53	3°𐌹05'32	1.37715 AU	evening rise	-4725 Jun 14 j 04:18	22°𐌸50'35	
evening rise	-4726 Jul 01 j 13:38	10°𐌹05'42			-4725 Jun 18 j 02:53	0°𐌹	
	-4726 Jul 13 j 12:43	0°𐌹		desc. node	-4725 Jul 07 j 03:35	29°𐌹54'00	
desc. node	-4726 Jul 20 j 06:31	10°𐌹07'07			-4725 Jul 07 j 05:20	0°𐌹	
	-4726 Aug 04 j 20:32	0°𐌺		evening max el	-4725 Jul 19 j 21:13	15°𐌹07'01	26°15'20
evening max el	-4726 Aug 06 j 10:28	1°𐌺36'55	25°08'20	retrograde	-4725 Aug 01 j 12:57	22°𐌹19'44	
retrograde	-4726 Aug 18 j 05:50	8°𐌺29'07		evening set	-4725 Aug 07 j 23:12	19°𐌹36'11	
evening set	-4726 Aug 24 j 02:01	5°𐌺58'39		min. Earth dist.	-4725 Aug 12 j 02:09	15°𐌹09'45	0.66251 AU
min. Earth dist.	-4726 Aug 28 j 13:10	0°𐌺54'13	0.66961 AU	inferior conj	-4725 Aug 13 j 12:16	13°𐌹23'42	-2°24'31
inferior conj	-4726 Aug 29 j 11:14	29°𐌺41'38	-1°35'17	minimum elong	-4725 Aug 13 j 15:22	13°𐌹14'01	2°23'13
minimum elong	-4726 Aug 29 j 13:24	29°𐌺34'30	1°34'13	morning rise	-4725 Aug 19 j 07:44	7°𐌹33'00	
	-4726 Aug 29 j 05:39	30°𐌺𐌹		asc. node	-4725 Aug 21 j 03:46	6°𐌹45'58	
asc. node	-4726 Sep 03 j 06:41	24°𐌺14'06		direct	-4725 Aug 22 j 11:24	6°𐌹36'01	
morning rise	-4726 Sep 04 j 00:50	23°𐌺40'03		morning max el	-4725 Aug 29 j 08:59	10°𐌺29'25	18°56'23
direct	-4726 Sep 07 j 13:19	22°𐌺28'16			-4725 Sep 12 j 07:25	0°𐌺	
morning max el	-4726 Sep 15 j 01:20	26°𐌺48'28	19°49'45	morning set	-4725 Sep 20 j 03:33	12°𐌺24'27	
	-4726 Sep 17 j 21:15	0°𐌺			-4725 Oct 01 j 06:42	0°𐌻	
	-4726 Oct 08 j 09:42	0°𐌻		desc. node	-4725 Oct 03 j 03:11	2°𐌻55'13	
morning set	-4726 Oct 10 j 12:59	3°𐌻18'38		max. Earth dist.	-4725 Oct 05 j 11:21	6°𐌻36'34	1.44743 AU
desc. node	-4726 Oct 16 j 06:17	12°𐌻13'45					
max. Earth dist.	-4726 Oct 22 j 19:00	22°𐌻32'01	1.44090 AU	superior conj	-4725 Oct 06 j 09:10	8°𐌻02'39	-0°20'24
				minimum elong	-4725 Oct 06 j 06:32	7°𐌻52'14	0°19'57
superior conj	-4726 Oct 27 j 04:41	29°𐌻35'34	-1°05'30		-4725 Oct 20 j 03:57	0°𐌾	
minimum elong	-4726 Oct 26 j 22:04	29°𐌻08'53	1°04'44	evening rise	-4725 Oct 21 j 23:23	2°𐌾55'21	
	-4726 Oct 27 j 10:44	0°𐌾			-4725 Nov 08 j 09:17	0°𐌿	
evening rise	-4726 Nov 09 j 21:24	22°𐌾18'05		evening max el	-4725 Nov 11 j 18:49	4°𐌿01'37	18°47'18
	-4726 Nov 14 j 10:15	0°𐌿		asc. node	-4725 Nov 17 j 02:32	7°𐌿39'03	
evening max el	-4726 Nov 28 j 07:01	20°𐌿36'42	18°18'33	retrograde	-4725 Nov 18 j 13:25	7°𐌿50'48	
asc. node	-4726 Nov 30 j 05:24	22°𐌿20'40		evening set	-4725 Nov 21 j 15:19	6°𐌿56'56	
retrograde	-4726 Dec 04 j 20:33	24°𐌿10'58		inferior conj	-4725 Nov 27 j 11:28	1°𐌿14'34	3°03'45
evening set	-4726 Dec 07 j 17:02	23°𐌿27'49		minimum elong	-4725 Nov 27 j 08:14	1°𐌿24'23	3°02'45
inferior conj	-4726 Dec 13 j 20:49	18°𐌿02'16	3°38'23		-4725 Nov 28 j 11:59	30°𐌾𐌹	
minimum elong	-4726 Dec 13 j 17:53	18°𐌿10'24	3°37'40	min. Earth dist.	-4725 Nov 29 j 04:27	29°𐌾10'24	0.65072 AU
min. Earth dist.	-4726 Dec 16 j 04:17	15°𐌿28'36	0.63651 AU	morning rise	-4725 Dec 03 j 00:47	25°𐌾07'36	
morning rise	-4726 Dec 19 j 18:06	12°𐌿03'09		direct	-4725 Dec 09 j 16:54	22°𐌾17'16	
direct	-4726 Dec 26 j 18:27	9°𐌿15'00			-4725 Dec 22 j 22:39	0°𐌿	
morning max el	-4725 Jan 09 j 10:05	16°𐌿57'57	27°33'53	morning max el	-4725 Dec 22 j 19:37	29°𐌾52'25	26°55'21
desc. node	-4725 Jan 12 j 06:17	19°𐌿56'32		desc. node	-4725 Dec 30 j 03:16	8°𐌿10'26	
	-4725 Jan 20 j 08:13	0°𐍀			-4724 Jan 14 j 05:59	0°𐍀	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning set	-4724 Jan 27 j 12:49	23° ♁ 28'23		morning rise	-4724 Nov 15 j 17:52	8° ♁ 25'07	
	-4724 Jan 30 j 20:48	0° ♁		direct	-4724 Nov 21 j 21:04	5° ♁ 44'38	
max. Earth dist.	-4724 Feb 01 j 00:41	2° ♁ 19'55	1.34436 AU	morning max el	-4724 Dec 04 j 04:54	13° ♁ 00'13	25°51'40
				desc. node	-4724 Dec 16 j 00:13	27° ♁ 12'57	
superior conj	-4724 Feb 04 j 21:11	10° ♁ 15'01	-1°15'52		-4724 Dec 18 j 00:30	0° ♁	
minimum elong	-4724 Feb 05 j 00:06	10° ♁ 30'12	1°15'40		-4723 Jan 05 j 22:42	0° ♁	
evening rise	-4724 Feb 12 j 07:52	25° ♁ 53'15		morning set	-4723 Jan 09 j 10:31	6° ♁ 17'51	
asc. node	-4724 Feb 13 j 01:34	27° ♁ 24'47		max. Earth dist.	-4723 Jan 13 j 08:18	13° ♁ 38'29	1.35908 AU
	-4724 Feb 14 j 07:55	0° ♁					
evening max el	-4724 Mar 03 j 09:50	28° ♁ 04'49	21°27'09	superior conj	-4723 Jan 18 j 16:43	24° ♁ 11'02	-1°34'40
	-4724 Mar 05 j 15:04	0° ♁		minimum elong	-4723 Jan 18 j 19:41	24° ♁ 25'58	1°34'36
retrograde	-4724 Mar 15 j 09:15	3° ♁ 48'54			-4723 Jan 21 j 13:21	0° ♁	
evening set	-4724 Mar 17 j 22:41	3° ♁ 34'02		evening rise	-4723 Jan 26 j 14:12	10° ♁ 20'03	
	-4724 Mar 26 j 10:38	30° ♁		asc. node	-4723 Jan 29 j 22:36	17° ♁ 02'38	
inferior conj	-4724 Mar 27 j 05:21	29° ♁ 33'40	-0°02'09		-4723 Feb 06 j 04:54	0° ♁	
minimum elong	-4724 Mar 27 j 05:15	29° ♁ 33'49	0°02'15	evening max el	-4723 Feb 13 j 17:18	9° ♁ 31'33	20°09'21
transit middle	-4724 Mar 27 j 05:15	29° ♁ 33'49	0°02'15	retrograde	-4723 Feb 24 j 00:40	14° ♁ 24'33	
transit begin	-4724 Mar 27 j 01:11	29° ♁ 39'33		evening set	-4723 Feb 26 j 08:59	14° ♁ 10'29	
transit end	-4724 Mar 27 j 09:19	29° ♁ 28'05		inferior conj	-4723 Mar 07 j 03:52	10° ♁ 10'55	1°48'48
desc. node	-4724 Mar 27 j 02:14	29° ♁ 38'03		minimum elong	-4723 Mar 07 j 08:11	10° ♁ 04'25	1°47'16
min. Earth dist.	-4724 Mar 27 j 12:28	29° ♁ 23'38	0.55194 AU	min. Earth dist.	-4723 Mar 09 j 02:28	9° ♁ 01'00	0.55690 AU
morning rise	-4724 Apr 05 j 11:49	25° ♁ 28'51		desc. node	-4723 Mar 13 j 23:24	6° ♁ 29'43	
direct	-4724 Apr 08 j 09:01	25° ♁ 10'31		morning rise	-4723 Mar 16 j 05:28	5° ♁ 43'14	
	-4724 Apr 19 j 14:36	0° ♁		direct	-4723 Mar 20 j 00:37	5° ♁ 11'36	
morning max el	-4724 Apr 20 j 22:30	1° ♁ 11'20	22°03'17	morning max el	-4723 Apr 02 j 16:41	11° ♁ 57'47	23°41'08
	-4724 May 09 j 19:07	0° ♁			-4723 Apr 16 j 06:26	0° ♁	
asc. node	-4724 May 11 j 01:18	2° ♁ 33'16		morning set	-4723 Apr 26 j 14:18	19° ♁ 43'53	
morning set	-4724 May 12 j 02:31	4° ♁ 43'19		asc. node	-4723 Apr 27 j 22:16	22° ♁ 32'22	
					-4723 May 01 j 09:49	0° ♁	
superior conj	-4724 May 19 j 09:56	20° ♁ 07'13	1°16'39				
minimum elong	-4724 May 19 j 07:15	19° ♁ 53'06	1°16'20	superior conj	-4723 May 03 j 16:38	4° ♁ 54'49	0°56'25
max. Earth dist.	-4724 May 22 j 15:58	26° ♁ 51'51	1.34627 AU	minimum elong	-4723 May 03 j 14:23	4° ♁ 42'46	0°56'00
	-4724 May 24 j 05:02	0° ♁		max. Earth dist.	-4723 May 05 j 18:12	9° ♁ 19'21	1.33612 AU
evening rise	-4724 May 27 j 11:03	6° ♁ 25'24		evening rise	-4723 May 11 j 05:17	20° ♁ 36'16	
	-4724 Jun 09 j 18:33	0° ♁			-4723 May 16 j 01:45	0° ♁	
desc. node	-4724 Jun 23 j 00:41	19° ♁ 07'48			-4723 Jun 03 j 18:28	0° ♁	
evening max el	-4724 Jul 01 j 08:39	28° ♁ 31'40	27°03'12	desc. node	-4723 Jun 09 j 21:49	7° ♁ 34'34	
	-4724 Jul 02 j 22:38	0° ♁		evening max el	-4723 Jun 13 j 19:18	11° ♁ 38'58	27°24'47
retrograde	-4724 Jul 14 j 14:46	5° ♁ 53'54		retrograde	-4723 Jun 27 j 10:48	19° ♁ 03'42	
evening set	-4724 Jul 21 j 12:16	3° ♁ 05'50		evening set	-4723 Jul 04 j 14:07	16° ♁ 22'51	
	-4724 Jul 24 j 16:47	30° ♁		min. Earth dist.	-4723 Jul 08 j 04:56	13° ♁ 08'38	0.63710 AU
min. Earth dist.	-4724 Jul 25 j 08:03	29° ♁ 17'31	0.65172 AU	inferior conj	-4723 Jul 10 j 18:37	10° ♁ 28'15	-3°44'55
inferior conj	-4724 Jul 27 j 07:34	27° ♁ 00'54	-3°08'43	minimum elong	-4723 Jul 10 j 21:57	10° ♁ 19'31	3°44'04
minimum elong	-4724 Jul 27 j 11:11	26° ♁ 50'30	3°07'30	morning rise	-4723 Jul 17 j 06:35	5° ♁ 09'15	
morning rise	-4724 Aug 02 j 10:30	21° ♁ 24'26		direct	-4723 Jul 19 j 23:22	4° ♁ 33'01	
direct	-4724 Aug 05 j 07:41	20° ♁ 39'08		asc. node	-4723 Jul 24 j 21:55	6° ♁ 33'10	
asc. node	-4724 Aug 07 j 00:51	20° ♁ 55'02		morning max el	-4723 Jul 26 j 11:56	7° ♁ 58'02	17°59'56
morning max el	-4724 Aug 11 j 21:18	24° ♁ 13'58	18°19'24		-4723 Aug 10 j 02:25	0° ♁	
	-4724 Aug 16 j 13:45	0° ♁		morning set	-4723 Aug 12 j 15:41	4° ♁ 25'06	
morning set	-4724 Aug 30 j 20:43	22° ♁ 47'53					
	-4724 Sep 04 j 05:54	0° ♁		superior conj	-4723 Aug 25 j 04:48	25° ♁ 39'28	1°09'25
superior conj	-4724 Sep 14 j 09:57	16° ♁ 23'16	0°28'42	minimum elong	-4723 Aug 25 j 10:45	26° ♁ 03'54	1°09'00
minimum elong	-4724 Sep 14 j 13:28	16° ♁ 37'16	0°28'26		-4723 Aug 27 j 20:35	0° ♁	
max. Earth dist.	-4724 Sep 17 j 05:27	20° ♁ 50'46	1.44676 AU	max. Earth dist.	-4723 Aug 30 j 21:57	4° ♁ 55'51	1.43899 AU
desc. node	-4724 Sep 19 j 00:05	23° ♁ 38'58		desc. node	-4723 Sep 05 j 21:01	14° ♁ 22'23	
	-4724 Sep 23 j 01:03	0° ♁		evening rise	-4723 Sep 10 j 06:49	21° ♁ 14'03	
evening rise	-4724 Oct 01 j 00:15	12° ♁ 27'45			-4723 Sep 15 j 23:57	0° ♁	
	-4724 Oct 12 j 07:33	0° ♁			-4723 Oct 07 j 09:33	0° ♁	
greatest brilliancy	-4724 Oct 12 j 07:29	29° ♁ 59'46	-0.7m	evening max el	-4723 Oct 08 j 06:13	0° ♁ 54'44	20°32'39
evening max el	-4724 Oct 25 j 03:11	17° ♁ 28'20	19°32'39	retrograde	-4723 Oct 16 j 06:51	5° ♁ 38'31	
retrograde	-4724 Nov 01 j 09:38	21° ♁ 40'53		evening set	-4723 Oct 20 j 01:54	4° ♁ 15'34	
asc. node	-4724 Nov 02 j 23:41	21° ♁ 26'19		asc. node	-4723 Oct 20 j 20:50	3° ♁ 37'27	
evening set	-4724 Nov 04 j 19:01	20° ♁ 33'48			-4723 Oct 24 j 02:48	30° ♁	
inferior conj	-4724 Nov 10 j 09:25	14° ♁ 37'32	2°20'44	inferior conj	-4723 Oct 25 j 12:14	28° ♁ 08'38	1°32'19
minimum elong	-4724 Nov 10 j 06:34	14° ♁ 46'46	2°19'43	minimum elong	-4723 Oct 25 j 10:13	28° ♁ 15'27	1°31'33
min. Earth dist.	-4724 Nov 11 j 13:01	13° ♁ 08'13	0.66140 AU	min. Earth dist.	-4723 Oct 26 j 03:58	27° ♁ 15'30	0.66867 AU
				morning rise	-4723 Oct 30 j 18:22	21° ♁ 53'13	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

direct	-4723 Nov 05 j 06:33	19° 𐌆 30'03		direct	-4722 Oct 19 j 20:46	3° 𐌆 27'12	
morning max el	-4723 Nov 16 j 13:46	26° 𐌆 13'55	24°31'58	morning max el	-4722 Oct 29 j 23:49	9° 𐌆 30'12	23°05'55
	-4723 Nov 20 j 01:20	0° 𐌆			-4722 Nov 15 j 01:38	0° 𐌆	
desc. node	-4723 Dec 02 j 21:09	16° 𐌆 50'10		desc. node	-4722 Nov 19 j 18:05	6° 𐌆 51'57	
	-4723 Dec 11 j 14:53	0° 𐌆		morning set	-4722 Dec 03 j 11:49	28° 𐌆 29'47	
morning set	-4723 Dec 22 j 12:10	18° 𐌆 03'08			-4722 Dec 04 j 09:29	0° 𐌆	
max. Earth dist.	-4723 Dec 26 j 06:53	24° 𐌆 47'22	1.37760 AU	max. Earth dist.	-4722 Dec 08 j 03:02	6° 𐌆 20'07	1.39807 AU
	-4723 Dec 29 j 02:48	0° 𐌆					
				superior conj	-4722 Dec 15 j 19:09	20° 𐌆 00'10	-1°53'19
superior conj	-4722 Jan 02 j 01:30	7° 𐌆 29'55	-1°48'04	minimum elong	-4722 Dec 15 j 19:05	19° 𐌆 59'50	1°53'30
minimum elong	-4722 Jan 02 j 03:35	7° 𐌆 39'59	1°48'11		-4722 Dec 21 j 03:15	0° 𐌆	
evening rise	-4722 Jan 10 j 14:52	24° 𐌆 23'48		evening rise	-4722 Dec 25 j 07:09	7° 𐌆 57'47	
	-4722 Jan 13 j 11:21	0° 𐌆		asc. node	-4721 Jan 03 j 16:46	25° 𐌆 02'22	
asc. node	-4722 Jan 16 j 19:41	6° 𐌆 17'43			-4721 Jan 07 j 00:41	0° 𐌆	
evening max el	-4722 Jan 27 j 11:08	21° 𐌆 33'50	19°09'44	evening max el	-4721 Jan 10 j 13:51	4° 𐌆 07'50	18°30'04
retrograde	-4722 Feb 05 j 05:19	25° 𐌆 44'41		retrograde	-4721 Jan 18 j 04:08	7° 𐌆 50'58	
evening set	-4722 Feb 07 j 14:57	25° 𐌆 27'11		evening set	-4721 Jan 20 j 16:31	7° 𐌆 27'49	
inferior conj	-4722 Feb 15 j 17:07	21° 𐌆 14'38	3°10'23	inferior conj	-4721 Jan 28 j 02:31	2° 𐌆 55'49	3°53'58
minimum elong	-4722 Feb 15 j 21:59	21° 𐌆 06'17	3°09'07	minimum elong	-4721 Jan 28 j 04:58	2° 𐌆 50'56	3°53'29
min. Earth dist.	-4722 Feb 18 j 17:24	19° 𐌆 11'23	0.56985 AU	min. Earth dist.	-4721 Jan 31 j 11:29	0° 𐌆 15'29	0.58797 AU
morning rise	-4722 Feb 24 j 02:26	16° 𐌆 17'08			-4721 Jan 31 j 19:44	30° 𐌆	
desc. node	-4722 Feb 28 j 20:33	15° 𐌆 18'05		morning rise	-4721 Feb 04 j 15:13	27° 𐌆 33'11	
direct	-4722 Mar 01 j 03:24	15° 𐌆 17'54		direct	-4721 Feb 10 j 19:22	25° 𐌆 55'27	
morning max el	-4722 Mar 15 j 07:39	22° 𐌆 33'57	25°17'22	desc. node	-4721 Feb 15 j 17:40	26° 𐌆 55'25	
	-4722 Mar 21 j 21:36	0° 𐌆			-4721 Feb 21 j 01:07	0° 𐌆	
	-4722 Apr 08 j 19:00	0° 𐌆		morning max el	-4721 Feb 25 j 01:21	3° 𐌆 27'29	26°36'51
morning set	-4722 Apr 11 j 02:33	4° 𐌆 47'05			-4721 Mar 16 j 07:09	0° 𐌆	
asc. node	-4722 Apr 14 j 19:14	12° 𐌆 40'58		morning set	-4721 Mar 26 j 13:34	19° 𐌆 46'38	
					-4721 Mar 31 j 08:12	0° 𐌆	
				asc. node	-4721 Apr 01 j 16:13	2° 𐌆 54'44	
superior conj	-4722 Apr 18 j 02:41	19° 𐌆 53'05	0°33'45				
minimum elong	-4722 Apr 18 j 01:15	19° 𐌆 45'15	0°33'23	superior conj	-4721 Apr 02 j 14:21	4° 𐌆 55'46	0°09'35
max. Earth dist.	-4722 Apr 19 j 03:35	22° 𐌆 08'17	1.32953 AU	minimum elong	-4721 Apr 02 j 13:55	4° 𐌆 53'28	0°09'23
	-4722 Apr 22 j 19:36	0° 𐌆		behind sun begin	-4721 Apr 02 j 09:53	4° 𐌆 31'22	
evening rise	-4722 Apr 25 j 07:27	5° 𐌆 11'35		behind sun end	-4721 Apr 02 j 17:58	5° 𐌆 15'35	
	-4722 May 08 j 17:38	0° 𐌆		max. Earth dist.	-4721 Apr 02 j 16:38	5° 𐌆 08'15	1.32633 AU
evening max el	-4722 May 27 j 02:39	24° 𐌆 15'24	27°15'01	evening rise	-4721 Apr 09 j 14:52	20° 𐌆 02'24	
desc. node	-4722 May 27 j 19:01	24° 𐌆 53'56			-4721 Apr 14 j 13:44	0° 𐌆	
	-4722 Jun 03 j 18:57	0° 𐌆			-4721 May 03 j 12:07	0° 𐌆	
retrograde	-4722 Jun 10 j 00:27	1° 𐌆 39'21		evening max el	-4721 May 09 j 04:39	6° 𐌆 12'42	26°32'33
	-4722 Jun 15 j 22:23	30° 𐌆		desc. node	-4721 May 14 j 16:10	10° 𐌆 38'03	
evening set	-4722 Jun 17 j 00:52	29° 𐌆 19'48		retrograde	-4721 May 23 j 06:33	13° 𐌆 33'00	
min. Earth dist.	-4722 Jun 20 j 15:53	26° 𐌆 29'28	0.61903 AU	evening set	-4721 May 29 j 16:33	11° 𐌆 47'29	
inferior conj	-4722 Jun 23 j 18:14	23° 𐌆 38'05	-4°08'38	min. Earth dist.	-4721 Jun 02 j 17:53	9° 𐌆 05'14	0.59890 AU
minimum elong	-4722 Jun 23 j 20:11	23° 𐌆 33'33	4°08'17	inferior conj	-4721 Jun 06 j 02:53	6° 𐌆 22'19	-4°13'07
morning rise	-4722 Jun 30 j 16:55	18° 𐌆 39'15		minimum elong	-4721 Jun 06 j 02:07	6° 𐌆 23'51	4°12'58
direct	-4722 Jul 03 j 06:58	18° 𐌆 10'10		morning rise	-4721 Jun 13 j 13:59	1° 𐌆 44'51	
morning max el	-4722 Jul 10 j 02:09	21° 𐌆 34'52	17°58'48	direct	-4721 Jun 16 j 02:22	1° 𐌆 21'29	
asc. node	-4722 Jul 11 j 18:58	23° 𐌆 24'35		morning max el	-4721 Jun 23 j 13:06	4° 𐌆 57'10	18°16'51
	-4722 Jul 16 j 12:41	0° 𐌆		asc. node	-4721 Jun 28 j 15:59	11° 𐌆 14'12	
morning set	-4722 Jul 26 j 07:12	17° 𐌆 01'05			-4721 Jul 09 j 09:16	0° 𐌆	
	-4722 Aug 02 j 12:39	0° 𐌆		morning set	-4721 Jul 09 j 14:09	0° 𐌆 23'06	
superior conj	-4722 Aug 06 j 03:03	6° 𐌆 17'07	1°35'42	superior conj	-4721 Jul 19 j 02:50	18° 𐌆 11'18	1°47'49
minimum elong	-4722 Aug 06 j 07:23	6° 𐌆 35'49	1°35'37	minimum elong	-4721 Jul 19 j 04:20	18° 𐌆 18'05	1°48'00
max. Earth dist.	-4722 Aug 13 j 09:19	18° 𐌆 30'47	1.42522 AU		-4721 Jul 25 j 19:05	0° 𐌆	
evening rise	-4722 Aug 20 j 12:42	29° 𐌆 59'56		max. Earth dist.	-4721 Jul 26 j 14:32	1° 𐌆 23'17	1.40744 AU
	-4722 Aug 20 j 12:43	0° 𐌆		evening rise	-4721 Jul 31 j 12:56	9° 𐌆 38'38	
desc. node	-4722 Aug 23 j 18:00	5° 𐌆 01'46		desc. node	-4721 Aug 10 j 15:00	25° 𐌆 33'24	
	-4722 Sep 09 j 15:27	0° 𐌆			-4721 Aug 13 j 13:59	0° 𐌆	
evening max el	-4722 Sep 21 j 02:52	14° 𐌆 19'28	21°44'32	evening max el	-4721 Sep 03 j 17:52	27° 𐌆 44'08	23°03'54
retrograde	-4722 Sep 30 j 03:05	19° 𐌆 40'31			-4721 Sep 06 j 04:00	0° 𐌆	
evening set	-4722 Oct 04 j 09:57	17° 𐌆 59'24		retrograde	-4721 Sep 13 j 20:48	3° 𐌆 44'08	
asc. node	-4722 Oct 07 j 17:59	14° 𐌆 26'30		evening set	-4721 Sep 18 j 17:20	1° 𐌆 43'24	
inferior conj	-4722 Oct 09 j 17:52	11° 𐌆 45'18	0°40'39		-4721 Sep 20 j 11:21	30° 𐌆	
minimum elong	-4722 Oct 09 j 16:56	11° 𐌆 48'32	0°40'21	inferior conj	-4721 Sep 24 j 00:26	25° 𐌆 25'42	-0°12'31
min. Earth dist.	-4722 Oct 09 j 22:54	11° 𐌆 27'54	0.67276 AU	minimum elong	-4721 Sep 24 j 00:43	25° 𐌆 24'42	0°12'15
morning rise	-4722 Oct 14 j 23:46	5° 𐌆 29'40					

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

transit middle	-4721 Sep 24 j 00:43	25°Ω24'42	0°12'15	evening set	-4720 Sep 01 j 22:19	15°Ω26'27	
transit begin	-4721 Sep 23 j 22:56	25°Ω30'52		min. Earth dist.	-4720 Sep 06 j 14:42	10°Ω00'52	0.67207 AU
transit end	-4721 Sep 24 j 02:30	25°Ω18'32		inferior conj	-4720 Sep 07 j 06:16	9°Ω08'28	-1°05'30
min. Earth dist.	-4721 Sep 23 j 19:19	25°Ω43'20	0.67391 AU	minimum elong	-4720 Sep 07 j 07:46	9°Ω03'24	1°04'41
asc. node	-4721 Sep 24 j 15:07	24°Ω35'15		asc. node	-4720 Sep 10 j 12:13	5°Ω03'35	
morning rise	-4721 Sep 29 j 07:59	19°Ω12'55		morning rise	-4720 Sep 12 j 17:11	3°Ω01'51	
direct	-4721 Oct 03 j 14:56	17°Ω31'29		direct	-4720 Sep 16 j 11:52	1°Ω39'51	
morning max el	-4721 Oct 12 j 14:00	22°Ω50'41	21°42'07	morning max el	-4720 Sep 24 j 10:52	6°Ω19'09	20°27'11
	-4721 Oct 18 j 16:51	0°൬			-4720 Oct 11 j 22:21	0°൬	
desc. node	-4721 Nov 06 j 14:58	27°൬10'46		morning set	-4720 Oct 22 j 07:17	15°൬50'41	
	-4721 Nov 08 j 10:57	0°Ω		desc. node	-4720 Oct 23 j 11:51	17°൬41'40	
morning set	-4721 Nov 13 j 07:01	7°Ω34'41			-4720 Oct 31 j 07:00	0°Ω	
max. Earth dist.	-4721 Nov 20 j 03:39	18°Ω41'37	1.41786 AU	max. Earth dist.	-4720 Nov 01 j 12:01	1°Ω56'25	1.43409 AU
	-4721 Nov 26 j 19:58	0°ℳ					
superior conj	-4721 Nov 27 j 16:07	1°ℳ27'29	-1°46'57	superior conj	-4720 Nov 07 j 11:03	11°Ω39'41	-1°25'26
minimum elong	-4721 Nov 27 j 12:42	1°ℳ12'35	1°46'53	minimum elong	-4720 Nov 07 j 04:38	11°Ω13'11	1°24'52
evening rise	-4721 Dec 08 j 11:38	20°ℳ53'39		evening rise	-4720 Nov 18 j 06:05	0°ℳ	
	-4721 Dec 13 j 11:41	0°✎		asc. node	-4720 Nov 20 j 00:12	3°ℳ03'29	
asc. node	-4721 Dec 21 j 13:51	13°✎06'18			-4720 Dec 07 j 10:57	0°✎17'43	
evening max el	-4721 Dec 24 j 22:44	17°✎04'52	18°10'23	evening max el	-4720 Dec 07 j 04:03	0°✎	
retrograde	-4721 Dec 31 j 19:49	20°✎34'47		retrograde	-4720 Dec 07 j 10:54	0°✎17'35	18°10'10
evening set	-4720 Jan 03 j 10:59	20°✎04'41		evening set	-4720 Dec 14 j 00:38	3°✎46'59	
inferior conj	-4720 Jan 10 j 07:13	15°✎11'04	4°05'09		-4720 Dec 16 j 18:56	3°✎08'52	
minimum elong	-4720 Jan 10 j 06:49	15°✎11'58	4°04'55	inferior conj	-4720 Dec 21 j 02:07	30°℞ℳ	
min. Earth dist.	-4720 Jan 13 j 11:17	12°✎17'02	0.60795 AU	minimum elong	-4720 Dec 23 j 04:01	27°ℳ54'11	3°52'58
morning rise	-4720 Jan 17 j 01:15	9°✎30'50		min. Earth dist.	-4720 Dec 23 j 01:41	28°ℳ00'16	3°52'28
direct	-4720 Jan 23 j 22:18	7°✎15'59		morning rise	-4720 Dec 25 j 19:43	25°ℳ08'38	0.62688 AU
desc. node	-4720 Feb 02 j 14:44	11°✎06'53		morning set	-4720 Dec 29 j 07:39	22°ℳ01'14	
morning max el	-4720 Feb 07 j 00:46	14°✎55'27	27°27'03	direct	-4719 Jan 05 j 09:41	19°ℳ21'06	
	-4720 Feb 19 j 07:08	0°Ξ		desc. node	-4719 Jan 19 j 11:47	27°ℳ17'38	
	-4720 Mar 07 j 15:25	0°≈		morning max el	-4719 Jan 19 j 06:00	27°ℳ03'20	27°41'40
morning set	-4720 Mar 09 j 21:25	4°≈34'23			-4719 Jan 22 j 01:39	0°✎	
max. Earth dist.	-4720 Mar 16 j 05:35	18°≈04'55	1.32650 AU		-4719 Feb 11 j 21:05	0°Ξ	
superior conj	-4720 Mar 17 j 01:50	19°≈55'22	-0°15'17	morning set	-4719 Feb 21 j 23:57	19°Ξ02'47	
minimum elong	-4720 Mar 17 j 02:31	19°≈59'07	0°15'17		-4719 Feb 27 j 06:15	0°≈	
behind sun begin	-4720 Mar 17 j 01:16	19°≈52'15		max. Earth dist.	-4719 Feb 27 j 14:42	0°≈45'04	1.33026 AU
behind sun end	-4720 Mar 17 j 03:47	20°≈05'58		superior conj	-4719 Mar 01 j 11:31	4°≈46'01	-0°39'56
asc. node	-4720 Mar 18 j 13:12	23°≈08'29		minimum elong	-4719 Mar 01 j 13:16	4°≈55'26	0°39'47
	-4720 Mar 21 j 16:59	0°✎		asc. node	-4719 Mar 05 j 10:11	13°≈18'10	
evening rise	-4720 Mar 24 j 01:16	4°✎59'42		evening rise	-4719 Mar 08 j 12:51	19°≈56'45	
	-4720 Apr 06 j 10:51	0°Υ			-4719 Mar 13 j 11:45	0°✎	
evening max el	-4720 Apr 20 j 00:40	17°Υ29'40	25°21'32	evening max el	-4719 Mar 13 j 11:45	0°✎	
desc. node	-4720 Apr 30 j 13:20	24°Υ10'58			-4719 Apr 01 j 16:57	28°✎18'33	23°52'04
retrograde	-4720 May 04 j 02:33	24°Υ40'39		retrograde	-4719 Apr 01 j 16:57	0°Υ	
evening set	-4720 May 09 j 10:45	23°Υ33'47		desc. node	-4719 Apr 15 j 10:08	5°Υ08'52	
min. Earth dist.	-4720 May 14 j 13:12	20°Υ43'24	0.57906 AU	evening set	-4719 Apr 17 j 10:31	4°Υ59'44	
inferior conj	-4720 May 17 j 17:06	18°Υ31'18	-3°49'08	min. Earth dist.	-4719 Apr 19 j 10:52	4°Υ32'59	
minimum elong	-4720 May 17 j 13:01	18°Υ38'29	3°48'28	inferior conj	-4719 Apr 26 j 04:37	1°Υ21'58	0.56279 AU
morning rise	-4720 May 25 j 18:13	14°Υ14'12		minimum elong	-4719 Apr 28 j 11:12	29°✎58'35	-2°47'36
direct	-4720 May 28 j 05:28	13°Υ55'28			-4719 Apr 28 j 05:30	0°Υ07'20	2°46'07
morning max el	-4720 Jun 05 j 17:51	17°Υ55'21	18°54'58		-4719 Apr 28 j 10:16	30°℞✎	
asc. node	-4720 Jun 14 j 12:59	29°Υ48'31		morning rise	-4719 Apr 28 j 10:16	30°℞✎	
	-4720 Jun 14 j 15:41	0°Ϣ		direct	-4719 May 07 j 03:01	25°✎57'01	
morning set	-4720 Jun 22 j 08:20	14°Ϣ20'45			-4719 May 09 j 13:57	25°✎41'26	
	-4720 Jun 30 j 08:38	0°Π		morning max el	-4719 May 19 j 04:55	0°Υ	
superior conj	-4720 Jun 30 j 22:37	1°Π06'53	1°48'30	asc. node	-4719 May 19 j 13:42	0°Υ20'05	19°53'31
minimum elong	-4720 Jun 30 j 21:46	1°Π02'51	1°48'42	morning set	-4719 Jun 01 j 09:58	18°Υ56'40	
max. Earth dist.	-4720 Jul 07 j 16:15	13°Π35'37	1.38807 AU		-4719 Jun 06 j 10:27	28°Υ45'18	
evening rise	-4720 Jul 11 j 15:30	20°Π34'24			-4719 Jun 07 j 01:16	0°Ϣ	
	-4720 Jul 17 j 06:27	0°ϣ		superior conj	-4719 Jun 14 j 09:01	14°Ϣ48'44	1°40'43
desc. node	-4720 Jul 27 j 12:00	15°ϣ52'51		minimum elong	-4719 Jun 14 j 06:48	14°Ϣ37'41	1°40'43
	-4720 Aug 06 j 15:16	0°Ω		max. Earth dist.	-4719 Jun 19 j 19:44	25°Ϣ24'27	1.36956 AU
evening max el	-4720 Aug 16 j 05:27	11°Ω11'37	24°24'32		-4719 Jun 22 j 06:44	0°Π	
retrograde	-4720 Aug 27 j 10:50	17°Ω46'36		evening rise	-4719 Jun 23 j 18:27	2°Π43'12	
					-4719 Jul 10 j 07:39	0°ϣ	
				desc. node	-4719 Jul 14 j 09:03	5°ϣ53'53	
				evening max el	-4719 Jul 29 j 16:01	24°ϣ41'33	25°38'44

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4719 Aug 05 j 07:24	0°♎		retrograde	-4718 Jul 25 j 01:21	15°♊28'20	
retrograde	-4719 Aug 10 j 20:27	1°♎43'06		evening set	-4718 Jul 31 j 17:02	12°♊41'16	
	-4719 Aug 15 j 19:45	30°♋♊		min. Earth dist.	-4718 Aug 04 j 16:41	8°♊31'34	0.65845 AU
evening set	-4719 Aug 16 j 22:56	29°♊06'18		inferior conj	-4718 Aug 06 j 08:27	6°♊31'44	-2°44'04
min. Earth dist.	-4719 Aug 21 j 06:34	24°♊18'01	0.66704 AU	minimum elong	-4718 Aug 06 j 11:50	6°♊21'30	2°42'45
inferior conj	-4719 Aug 22 j 09:34	22°♊51'08	-1°56'40	morning rise	-4718 Aug 12 j 06:56	0°♊47'01	
minimum elong	-4719 Aug 22 j 12:10	22°♊42'45	1°55'28		-4718 Aug 14 j 09:57	30°♋♊	
morning rise	-4719 Aug 28 j 01:29	16°♊53'55		direct	-4718 Aug 15 j 07:34	29°♊55'26	
asc. node	-4719 Aug 28 j 09:20	16°♊41'49		asc. node	-4718 Aug 15 j 06:26	29°♊55'27	
direct	-4719 Aug 31 j 10:01	15°♊48'42			-4718 Aug 16 j 05:20	0°♊	
morning max el	-4719 Sep 07 j 14:55	19°♊56'00	19°25'12	morning max el	-4718 Aug 22 j 00:56	3°♊39'41	18°38'36
	-4719 Sep 15 j 12:28	0°♎			-4718 Sep 09 j 00:31	0°♎	
morning set	-4719 Oct 01 j 10:36	24°♎21'53		morning set	-4718 Sep 11 j 11:57	3°♎59'32	
	-4719 Oct 05 j 01:09	0°♎					
desc. node	-4719 Oct 10 j 08:43	8°♎19'59		superior conj	-4718 Sep 27 j 02:45	28°♎51'29	0°00'46
max. Earth dist.	-4719 Oct 15 j 02:45	15°♎49'37	1.44456 AU	minimum elong	-4718 Sep 27 j 02:52	28°♎51'54	0°00'54
				behind sun begin	-4718 Sep 26 j 15:29	28°♎07'01	
superior conj	-4719 Oct 18 j 02:49	20°♎35'51	-0°47'39	behind sun end	-4718 Sep 27 j 14:15	29°♎36'46	
minimum elong	-4719 Oct 17 j 21:14	20°♎13'38	0°46'55	desc. node	-4718 Sep 27 j 05:39	29°♎02'53	
	-4719 Oct 23 j 23:15	0°♊			-4718 Sep 27 j 20:08	0°♎	
evening rise	-4719 Nov 01 j 16:01	14°♊16'48		max. Earth dist.	-4718 Sep 27 j 20:24	0°♎01'01	1.44804 AU
	-4719 Nov 11 j 04:28	0°♎		evening rise	-4718 Oct 13 j 07:12	24°♎25'56	
evening max el	-4719 Nov 20 j 23:31	13°♎38'41	18°28'38		-4718 Oct 16 j 19:11	0°♊	
asc. node	-4719 Nov 24 j 08:05	16°♎21'31		evening max el	-4718 Nov 04 j 10:01	27°♊03'57	19°04'38
retrograde	-4719 Nov 27 j 14:15	17°♎18'13			-4718 Nov 07 j 23:14	0°♎	
evening set	-4719 Nov 30 j 12:52	16°♎30'38		retrograde	-4718 Nov 11 j 09:00	1°♎02'30	
inferior conj	-4719 Dec 06 j 13:07	10°♎57'16	3°24'55	asc. node	-4718 Nov 11 j 05:14	1°♎02'22	
minimum elong	-4719 Dec 06 j 09:58	11°♎06'25	3°24'04	evening set	-4718 Nov 14 j 13:45	0°♎03'23	
min. Earth dist.	-4719 Dec 08 j 14:14	8°♎35'31	0.64298 AU		-4718 Nov 14 j 15:56	30°♋♊	
morning rise	-4719 Dec 12 j 06:36	4°♎54'34		inferior conj	-4718 Nov 20 j 07:13	24°♊14'28	2°46'19
direct	-4719 Dec 19 j 04:05	2°♎04'10		minimum elong	-4718 Nov 20 j 04:05	24°♊24'18	2°45'18
morning max el	-4718 Jan 01 j 14:55	9°♎44'26	27°21'12	min. Earth dist.	-4718 Nov 21 j 18:17	22°♊24'47	0.65563 AU
desc. node	-4718 Jan 06 j 08:47	14°♎53'44		morning rise	-4718 Nov 25 j 18:05	18°♊04'38	
	-4718 Jan 17 j 14:42	0°♋		direct	-4718 Dec 02 j 04:57	15°♊17'26	
	-4718 Feb 04 j 04:47	0°♊		morning max el	-4718 Dec 15 j 00:45	22°♊46'30	26°30'54
morning set	-4718 Feb 05 j 18:25	3°♊02'44			-4718 Dec 21 j 11:27	0°♎	
max. Earth dist.	-4718 Feb 10 j 16:10	12°♊56'45	1.33795 AU	desc. node	-4718 Dec 24 j 05:45	3°♎30'07	
					-4717 Jan 10 j 21:04	0°♋	
superior conj	-4718 Feb 13 j 17:34	19°♊21'24	-1°03'22	morning set	-4717 Jan 20 j 01:05	16°♋22'19	
minimum elong	-4718 Feb 13 j 20:10	19°♊35'09	1°03'10	max. Earth dist.	-4717 Jan 24 j 06:32	24°♋32'38	1.35002 AU
	-4718 Feb 18 j 17:27	0°♋			-4717 Jan 26 j 23:50	0°♊	
asc. node	-4718 Feb 20 j 07:11	3°♋19'40					
evening rise	-4718 Feb 20 j 23:53	4°♋47'11		superior conj	-4717 Jan 28 j 17:44	3°♊34'10	-1°24'21
	-4718 Mar 06 j 21:44	0°♋		minimum elong	-4717 Jan 28 j 20:45	3°♊49'44	1°24'13
evening max el	-4718 Mar 14 j 10:58	9°♋04'28	22°18'08	evening rise	-4717 Feb 05 j 08:30	19°♊24'26	
retrograde	-4718 Mar 27 j 05:54	15°♋17'33		asc. node	-4717 Feb 07 j 04:14	23°♊07'49	
evening set	-4718 Mar 30 j 04:23	14°♋58'31			-4717 Feb 10 j 16:13	0°♋	
desc. node	-4718 Apr 04 j 07:41	13°♋06'00		evening max el	-4717 Feb 24 j 12:35	20°♋12'19	20°52'08
min. Earth dist.	-4718 Apr 07 j 18:46	11°♋14'21	0.55331 AU	retrograde	-4717 Mar 07 j 19:49	25°♋34'59	
inferior conj	-4718 Apr 08 j 12:39	10°♋49'00	-1°08'50	evening set	-4717 Mar 10 j 05:29	25°♋21'19	
minimum elong	-4718 Apr 08 j 09:33	10°♋53'24	1°07'54	inferior conj	-4717 Mar 19 j 08:11	21°♋23'10	0°47'03
morning rise	-4718 Apr 17 j 16:15	6°♋50'51		minimum elong	-4717 Mar 19 j 10:17	21°♋20'09	0°46'10
direct	-4718 Apr 20 j 06:41	6°♋35'27		min. Earth dist.	-4717 Mar 20 j 09:04	20°♋47'26	0.55286 AU
morning max el	-4718 May 01 j 22:59	12°♋04'59	21°11'23	desc. node	-4717 Mar 22 j 04:52	19°♋46'11	
	-4718 May 14 j 19:52	0°♋		morning rise	-4717 Mar 28 j 14:11	17°♋10'06	
asc. node	-4718 May 19 j 06:57	8°♋30'17		direct	-4717 Mar 31 j 18:50	16°♋47'51	
morning set	-4718 May 21 j 18:00	13°♋29'41		morning max el	-4717 Apr 13 j 21:56	23°♋10'00	22°44'14
					-4717 Apr 19 j 22:34	0°♋	
superior conj	-4718 May 29 j 05:48	29°♋04'43	1°26'47	morning set	-4717 May 06 j 04:46	28°♋26'04	
minimum elong	-4718 May 29 j 03:05	28°♋50'43	1°26'33	asc. node	-4717 May 06 j 03:55	28°♋21'43	
	-4718 May 29 j 16:32	0°♋			-4717 May 06 j 22:43	0°♋	
max. Earth dist.	-4718 Jun 02 j 06:30	7°♋15'36	1.35373 AU				
evening rise	-4718 Jun 06 j 16:38	15°♋51'40		superior conj	-4717 May 13 j 09:38	13°♋43'24	1°08'27
	-4718 Jun 14 j 12:53	0°♊		minimum elong	-4717 May 13 j 07:05	13°♋29'52	1°08'04
desc. node	-4718 Jul 01 j 06:09	25°♊28'38		max. Earth dist.	-4717 May 16 j 03:01	19°♋26'55	1.34147 AU
	-4718 Jul 04 j 18:44	0°♊		evening rise	-4717 May 21 j 04:47	29°♋43'40	
evening max el	-4718 Jul 12 j 03:01	8°♊10'24	26°38'21		-4717 May 21 j 08:07	0°♋	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4717 Jun 07 j 14:34	0°♊		max. Earth dist.	-4716 Apr 28 j 08:31	2°♎03'51	1.33293 AU
desc. node	-4717 Jun 18 j 03:18	14°♊24'51		evening rise	-4716 May 04 j 02:48	14°♎06'32	
evening max el	-4717 Jun 24 j 14:09	21°♊28'43	27°15'50		-4716 May 12 j 10:56	0°♎	
retrograde	-4717 Jul 08 j 01:01	28°♊53'34			-4716 Jun 01 j 19:04	0°♊	
evening set	-4717 Jul 15 j 01:47	26°♊06'41		desc. node	-4716 Jun 04 j 00:28	2°♊26'00	
min. Earth dist.	-4717 Jul 18 j 18:57	22°♊33'45	0.64598 AU	evening max el	-4716 Jun 05 j 23:49	4°♊24'50	27°24'38
inferior conj	-4717 Jul 21 j 00:35	20°♊05'34	-3°25'18	retrograde	-4716 Jun 19 j 18:39	11°♊49'39	
minimum elong	-4717 Jul 21 j 04:12	19°♊55'33	3°24'12	evening set	-4716 Jun 26 j 21:44	9°♊16'24	
morning rise	-4717 Jul 27 j 07:12	14°♊36'19		min. Earth dist.	-4716 Jun 30 j 11:51	6°♊13'35	0.62978 AU
direct	-4717 Jul 30 j 02:09	13°♊55'20		inferior conj	-4716 Jul 03 j 07:11	3°♊26'37	-3°56'51
asc. node	-4717 Aug 02 j 03:31	14°♊44'02		minimum elong	-4716 Jul 03 j 10:06	3°♊19'22	3°56'14
morning max el	-4717 Aug 05 j 14:37	17°♊25'09	18°08'53		-4716 Jul 07 j 01:58	30°♎♎	
	-4717 Aug 14 j 17:41	0°♎		morning rise	-4716 Jul 09 j 23:30	28°♎15'41	
morning set	-4717 Aug 23 j 16:34	14°♎55'38		direct	-4716 Jul 12 j 14:51	27°♎42'46	
	-4717 Sep 01 j 18:07	0°♏			-4716 Jul 17 j 23:58	0°♊	
				morning max el	-4716 Jul 19 j 05:21	1°♊06'46	17°57'03
superior conj	-4717 Sep 06 j 09:11	7°♏30'25	0°47'33	asc. node	-4716 Jul 19 j 00:34	0°♊55'07	
minimum elong	-4717 Sep 06 j 14:22	7°♏51'12	0°47'07	morning set	-4716 Aug 04 j 20:58	26°♊59'44	
max. Earth dist.	-4717 Sep 10 j 13:37	14°♏11'29	1.44425 AU		-4716 Aug 06 j 13:51	0°♎	
desc. node	-4717 Sep 14 j 02:34	19°♏47'02					
	-4717 Sep 20 j 15:26	0°♎		superior conj	-4716 Aug 16 j 15:20	17°♎20'07	1°22'26
evening rise	-4717 Sep 22 j 22:43	3°♎34'32		minimum elong	-4716 Aug 16 j 20:55	17°♎43'34	1°22'07
greatest brilliancy	-4717 Oct 06 j 02:54	23°♎44'02	-0.7m	max. Earth dist.	-4716 Aug 23 j 03:55	28°♎04'45	1.43380 AU
	-4717 Oct 10 j 09:39	0°♏			-4716 Aug 24 j 08:30	0°♏	
evening max el	-4717 Oct 18 j 16:16	10°♏30'43	19°56'34	desc. node	-4716 Aug 30 j 23:32	10°♏29'20	
retrograde	-4717 Oct 26 j 05:55	14°♏56'05		evening rise	-4716 Sep 01 j 02:21	12°♏13'41	
asc. node	-4717 Oct 29 j 02:22	14°♏08'46			-4716 Sep 12 j 19:11	0°♎	
evening set	-4717 Oct 29 j 19:03	13°♏42'45		evening max el	-4716 Sep 30 j 16:42	23°♎56'50	21°02'05
inferior conj	-4717 Nov 04 j 07:32	7°♏41'38	2°00'44	retrograde	-4716 Oct 09 j 02:48	28°♎55'38	
minimum elong	-4717 Nov 04 j 04:59	7°♏50'03	1°59'48	evening set	-4716 Oct 13 j 02:36	27°♎25'21	
min. Earth dist.	-4717 Nov 05 j 05:59	6°♏27'22	0.66484 AU	asc. node	-4716 Oct 14 j 23:31	25°♎41'32	
morning rise	-4717 Nov 09 j 14:41	1°♏27'24		inferior conj	-4716 Oct 18 j 11:45	21°♎15'14	1°10'41
	-4717 Nov 11 j 14:01	30°♎♎		minimum elong	-4716 Oct 18 j 10:10	21°♎20'38	1°10'06
direct	-4717 Nov 15 j 11:37	28°♎53'21		min. Earth dist.	-4716 Oct 18 j 22:54	20°♎37'08	0.67081 AU
	-4717 Nov 19 j 18:05	0°♏		morning rise	-4716 Oct 23 j 17:32	14°♎59'24	
morning max el	-4717 Nov 27 j 09:46	5°♏57'42	25°19'08	direct	-4716 Oct 28 j 23:20	12°♎44'34	
desc. node	-4717 Dec 11 j 02:42	22°♏49'06		morning max el	-4716 Nov 08 j 18:32	19°♎11'35	23°55'31
	-4717 Dec 16 j 02:05	0°♎			-4716 Nov 17 j 21:58	0°♏	
morning set	-4716 Jan 02 j 15:04	28°♎47'06		desc. node	-4716 Nov 26 j 23:36	12°♏37'47	
	-4716 Jan 03 j 07:12	0°♎			-4716 Dec 08 j 06:02	0°♎	
max. Earth dist.	-4716 Jan 06 j 09:21	5°♎41'54	1.36646 AU	morning set	-4716 Dec 14 j 06:11	9°♎59'44	
				max. Earth dist.	-4716 Dec 18 j 05:36	16°♎55'19	1.38622 AU
					-4716 Dec 25 j 08:47	0°♎	
superior conj	-4716 Jan 12 j 09:11	17°♎16'02	-1°41'10				
minimum elong	-4716 Jan 12 j 11:55	17°♎29'33	1°41'11				
	-4716 Jan 18 j 16:49	0°♎		superior conj	-4716 Dec 25 j 12:06	0°♎15'41	-1°51'31
evening rise	-4716 Jan 20 j 12:44	3°♎42'19		minimum elong	-4716 Dec 25 j 13:26	0°♎22'00	1°51'40
asc. node	-4716 Jan 25 j 01:17	12°♎37'02		evening rise	-4715 Jan 03 j 10:07	17°♎33'43	
	-4716 Feb 05 j 04:17	0°♎			-4715 Jan 09 j 23:41	0°♎	
evening max el	-4716 Feb 07 j 00:40	1°♎55'03	19°41'45	asc. node	-4715 Jan 10 j 22:21	1°♎39'53	
retrograde	-4716 Feb 16 j 15:27	6°♎28'16		evening max el	-4715 Jan 19 j 22:35	14°♎11'27	18°50'26
evening set	-4716 Feb 18 j 23:49	6°♎13'13		retrograde	-4715 Jan 28 j 03:16	18°♎08'12	
inferior conj	-4716 Feb 27 j 11:52	2°♎09'50	2°27'53	evening set	-4715 Jan 30 j 14:15	17°♎48'21	
minimum elong	-4716 Feb 27 j 16:55	2°♎01'49	2°26'17	inferior conj	-4715 Feb 07 j 09:19	13°♎28'05	3°33'22
min. Earth dist.	-4716 Feb 29 j 23:41	0°♎35'36	0.56152 AU	minimum elong	-4715 Feb 07 j 13:21	13°♎20'41	3°32'27
	-4716 Mar 01 j 23:15	30°♎♎		min. Earth dist.	-4715 Feb 10 j 15:22	11°♎06'36	0.57716 AU
morning rise	-4716 Mar 07 j 07:32	27°♎29'11		morning rise	-4715 Feb 15 j 09:59	8°♎19'21	
desc. node	-4716 Mar 08 j 02:00	27°♎15'48		direct	-4715 Feb 20 j 23:43	7°♎04'18	
direct	-4716 Mar 11 j 15:04	26°♎47'25		desc. node	-4715 Feb 22 j 23:07	7°♎13'46	
	-4716 Mar 20 j 21:52	0°♎		morning max el	-4715 Mar 07 j 05:10	14°♎27'59	25°54'05
morning max el	-4716 Mar 25 j 13:59	3°♎49'04	24°23'00		-4715 Mar 19 j 14:02	0°♎	
	-4716 Apr 12 j 22:25	0°♎		morning set	-4715 Apr 04 j 04:52	28°♎30'34	
morning set	-4716 Apr 19 j 16:57	13°♎28'27			-4715 Apr 04 j 21:51	0°♎	
asc. node	-4716 Apr 22 j 00:55	18°♎25'33		asc. node	-4715 Apr 08 j 21:54	8°♎36'46	
superior conj	-4716 Apr 26 j 18:01	28°♎36'36	0°47'03	superior conj	-4715 Apr 11 j 04:57	13°♎37'12	0°23'38
minimum elong	-4716 Apr 26 j 16:05	28°♎26'08	0°46'40	minimum elong	-4715 Apr 11 j 03:55	13°♎31'37	0°23'21
	-4716 Apr 27 j 09:29	0°♎		max. Earth dist.	-4715 Apr 11 j 20:00	14°♎59'20	1.32779 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening rise	-4715 Apr 18 j 07:29	28° H 49'33		behind sun end	-4714 Mar 26 j 21:42	29° \approx 06'18	
	-4715 Apr 18 j 21:10	0° Y		max. Earth dist.	-4714 Mar 26 j 09:35	27° \approx 59'57	1.32597 AU
	-4715 May 05 j 17:30	0° B		asc. node	-4714 Mar 26 j 18:52	28° \approx 50'44	
evening max el	-4715 May 19 j 05:22	16° B 46'33	27°00'57		-4714 Mar 27 j 07:31	0° H	
desc. node	-4715 May 21 j 21:37	19° B 09'11		evening rise	-4714 Apr 02 j 16:23	13° H 43'39	
retrograde	-4715 Jun 02 j 05:02	24° B 08'24			-4714 Apr 10 j 23:27	0° Y	
evening set	-4715 Jun 09 j 00:50	22° B 02'23		evening max el	-4714 May 01 j 04:41	28° Y 25'40	26°05'24
min. Earth dist.	-4715 Jun 12 j 18:53	19° B 17'27	0.61065 AU		-4714 May 02 j 22:05	0° B	
inferior conj	-4715 Jun 16 j 00:57	16° B 27'22	-4°13'24	desc. node	-4714 May 08 j 18:47	4° B 02'23	
minimum elong	-4715 Jun 16 j 01:54	16° B 25'17	4°13'13	retrograde	-4714 May 15 j 06:51	5° B 42'46	
morning rise	-4715 Jun 23 j 04:39	11° B 37'13		evening set	-4714 May 21 j 07:25	4° B 13'35	
direct	-4715 Jun 25 j 17:59	11° B 10'35		min. Earth dist.	-4714 May 25 j 17:20	1° B 30'05	0.59024 AU
morning max el	-4715 Jul 02 j 18:29	14° B 38'25	18°04'01		-4714 May 27 j 17:29	30° R Y	
asc. node	-4715 Jul 05 j 21:37	18° B 13'18		inferior conj	-4714 May 29 j 02:06	28° Y 57'35	-4°07'04
	-4715 Jul 13 j 08:27	0° II		minimum elong	-4714 May 28 j 23:55	29° Y 01'46	4°06'47
morning set	-4715 Jul 18 j 19:42	9° II 57'36		morning rise	-4714 Jun 05 j 18:59	24° Y 29'19	
				direct	-4714 Jun 08 j 07:03	24° Y 07'56	
superior conj	-4715 Jul 29 j 01:02	28° II 32'13	1°42'26	morning max el	-4714 Jun 16 j 03:09	27° Y 51'42	18°30'38
minimum elong	-4715 Jul 29 j 04:10	28° II 46'04	1°42'30		-4714 Jun 18 j 03:42	0° B	
	-4715 Jul 29 j 20:59	0° B		asc. node	-4714 Jun 22 j 18:38	6° B 23'28	
max. Earth dist.	-4715 Aug 05 j 13:14	11° B 25'19	1.41808 AU	morning set	-4714 Jul 02 j 07:54	23° B 36'16	
evening rise	-4715 Aug 11 j 14:20	21° B 17'52			-4714 Jul 05 j 15:39	0° II	
	-4715 Aug 17 j 03:16	0° Ω					
desc. node	-4715 Aug 17 j 20:32	1° Ω 06'28		superior conj	-4714 Jul 11 j 10:04	10° II 55'01	1°49'20
	-4715 Sep 07 j 02:05	0° H		minimum elong	-4714 Jul 11 j 10:28	10° II 56'51	1°49'33
evening max el	-4715 Sep 13 j 10:54	7° H 22'12	22°17'41	max. Earth dist.	-4714 Jul 18 j 16:50	24° II 01'26	1.39925 AU
retrograde	-4715 Sep 22 j 22:00	12° H 59'15			-4714 Jul 22 j 04:30	0° B	
evening set	-4715 Sep 27 j 10:36	11° H 09'45		evening rise	-4714 Jul 23 j 01:30	1° B 28'15	
asc. node	-4715 Oct 01 j 20:38	6° H 07'15		desc. node	-4714 Aug 04 j 17:32	21° B 33'51	
inferior conj	-4715 Oct 02 j 17:59	4° H 53'53	0°18'12		-4714 Aug 10 j 11:48	0° Ω	
minimum elong	-4715 Oct 02 j 17:33	4° H 55'21	0°18'07	evening max el	-4714 Aug 27 j 00:01	20° Ω 47'31	23°38'21
min. Earth dist.	-4715 Oct 02 j 18:39	4° H 51'33	0.67370 AU	retrograde	-4714 Sep 06 j 14:17	27° Ω 03'13	
	-4715 Oct 06 j 14:25	30° R Ω		evening set	-4714 Sep 11 j 17:11	24° Ω 53'47	
morning rise	-4715 Oct 08 j 00:23	28° Ω 39'21		min. Earth dist.	-4714 Sep 16 j 14:50	19° Ω 08'13	0.67356 AU
direct	-4715 Oct 12 j 15:18	26° Ω 45'55		inferior conj	-4714 Sep 17 j 00:26	18° Ω 35'26	-0°35'07
	-4715 Oct 19 j 13:37	0° H		minimum elong	-4714 Sep 17 j 01:14	18° Ω 32'39	0°34'37
morning max el	-4715 Oct 22 j 05:56	2° H 29'26	22°29'31	asc. node	-4714 Sep 18 j 17:46	16° Ω 16'54	
	-4715 Nov 11 j 23:48	0° Ω		morning rise	-4714 Sep 22 j 09:14	12° Ω 25'06	
desc. node	-4715 Nov 13 j 20:31	2° Ω 47'55		direct	-4714 Sep 26 j 10:39	10° Ω 52'27	
morning set	-4715 Nov 24 j 17:26	19° Ω 49'56		morning max el	-4714 Oct 04 j 22:55	15° Ω 53'46	21°08'51
max. Earth dist.	-4715 Nov 30 j 03:27	28° Ω 48'59	1.40686 AU		-4714 Oct 16 j 02:53	0° H	
	-4715 Nov 30 j 20:12	0° H		desc. node	-4714 Oct 31 j 17:26	23° H 12'44	
				morning set	-4714 Nov 04 j 02:34	28° H 28'10	
superior conj	-4715 Dec 07 j 21:37	12° H 20'52	-1°52'16		-4714 Nov 05 j 01:58	0° Ω	
minimum elong	-4715 Dec 07 j 20:14	12° H 14'37	1°52'23	max. Earth dist.	-4714 Nov 12 j 07:35	11° Ω 35'21	1.42537 AU
	-4715 Dec 17 j 10:40	0° H					
evening rise	-4715 Dec 17 j 21:48	0° H 52'25		superior conj	-4714 Nov 19 j 08:01	23° Ω 17'15	-1°39'49
asc. node	-4715 Dec 28 j 19:25	20° H 08'14		minimum elong	-4714 Nov 19 j 03:06	22° Ω 56'20	1°39'34
evening max el	-4714 Jan 03 j 04:09	26° H 55'34	18°19'10		-4714 Nov 23 j 05:30	0° H	
	-4714 Jan 07 j 15:40	0° B		evening rise	-4714 Nov 30 j 20:05	13° H 30'22	
retrograde	-4714 Jan 10 j 09:46	0° B 31'29			-4714 Dec 10 j 06:14	0° H	
evening set	-4714 Jan 12 j 23:22	0° B 05'25		asc. node	-4714 Dec 15 j 16:29	7° H 51'39	
	-4714 Jan 13 j 05:37	30° R H		evening max el	-4714 Dec 17 j 14:43	10° H 00'07	18°07'53
inferior conj	-4714 Jan 20 j 03:08	25° H 23'51	4°02'10	retrograde	-4714 Dec 24 j 07:46	13° H 28'50	
minimum elong	-4714 Jan 20 j 04:19	25° H 21'21	4°01'51	evening set	-4714 Dec 27 j 00:02	12° H 55'35	
min. Earth dist.	-4714 Jan 23 j 11:08	22° H 35'03	0.59647 AU	inferior conj	-4713 Jan 02 j 15:12	7° H 52'41	4°02'21
morning rise	-4714 Jan 27 j 07:27	19° H 53'01		minimum elong	-4713 Jan 02 j 13:51	7° H 55'59	4°02'02
direct	-4714 Feb 02 j 20:11	17° H 58'57		min. Earth dist.	-4713 Jan 05 j 14:31	4° H 59'46	0.61621 AU
desc. node	-4714 Feb 09 j 20:11	19° H 59'55		morning rise	-4713 Jan 09 j 02:31	2° H 06'13	
morning max el	-4714 Feb 17 j 01:03	25° H 34'05	27°02'29		-4713 Jan 13 j 10:48	30° R H	
	-4714 Feb 21 j 04:32	0° B		direct	-4713 Jan 16 j 02:48	29° H 38'57	
	-4714 Mar 12 j 19:52	0° \approx			-4713 Jan 18 j 20:45	0° H	
morning set	-4714 Mar 19 j 14:44	13° \approx 25'40		desc. node	-4713 Jan 27 j 17:15	5° H 07'05	
				morning max el	-4713 Jan 30 j 03:25	7° H 20'43	27°37'50
superior conj	-4714 Mar 26 j 16:40	28° \approx 38'45	-0°00'57		-4713 Feb 16 j 10:34	0° B	
minimum elong	-4714 Mar 26 j 16:43	28° \approx 39'00	0°01'04	morning set	-4713 Mar 03 j 20:39	28° B 06'54	
behind sun begin	-4714 Mar 26 j 11:44	28° \approx 11'41			-4713 Mar 04 j 18:38	0° \approx	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

max. Earth dist.	-4713 Mar 09 j 21:27	10° \approx 52'01	1.32758 AU	superior conj	-4712 Feb 23 j 11:59	28° \approx 20'50	-0°50'05
				minimum elong	-4712 Feb 23 j 14:08	28° \approx 32'20	0°49'55
superior conj	-4713 Mar 11 j 03:37	13° \approx 35'40	-0°25'49		-4712 Feb 24 j 06:28	0° \approx	
minimum elong	-4713 Mar 11 j 04:46	13° \approx 41'55	0°25'45	asc. node	-4712 Feb 28 j 12:48	9° \approx 10'15	
asc. node	-4713 Mar 13 j 15:49	19° \approx 03'30		evening rise	-4712 Mar 01 j 15:03	13° \approx 36'45	
evening rise	-4713 Mar 18 j 03:31	28° \approx 41'55			-4712 Mar 09 j 23:48	0° \approx	
	-4713 Mar 18 j 18:24	0° \approx		evening max el	-4712 Mar 24 j 14:38	20° \approx 12'04	23°11'53
	-4713 Apr 04 j 20:23	0° \approx		retrograde	-4712 Apr 07 j 00:39	26° \approx 48'50	
evening max el	-4713 Apr 12 j 22:23	9° \approx 27'48	24°44'57	evening set	-4712 Apr 10 j 12:33	26° \approx 22'04	
desc. node	-4713 Apr 25 j 15:55	16° \approx 29'05		desc. node	-4712 Apr 11 j 13:06	26° \approx 04'39	
retrograde	-4713 Apr 26 j 22:11	16° \approx 32'47		min. Earth dist.	-4712 Apr 18 j 01:34	22° \approx 58'28	0.55771 AU
evening set	-4713 May 01 j 17:07	15° \approx 40'28		inferior conj	-4712 Apr 19 j 17:52	21° \approx 59'16	-2°09'35
min. Earth dist.	-4713 May 07 j 10:34	12° \approx 42'39	0.57144 AU	minimum elong	-4712 Apr 19 j 12:43	22° \approx 06'51	2°08'05
inferior conj	-4713 May 10 j 07:43	10° \approx 49'11	-3°28'01	morning rise	-4712 Apr 28 j 15:21	18° \approx 00'44	
minimum elong	-4713 May 10 j 02:33	10° \approx 57'44	3°26'57	direct	-4712 May 01 j 02:42	17° \approx 45'51	
morning rise	-4713 May 18 j 15:11	6° \approx 40'03		morning max el	-4712 May 11 j 20:00	22° \approx 45'46	20°24'28
direct	-4713 May 21 j 01:59	6° \approx 23'00			-4712 May 17 j 23:02	0° \approx	
morning max el	-4713 May 30 j 04:31	10° \approx 37'32	19°17'29	asc. node	-4712 May 26 j 12:38	14° \approx 33'17	
asc. node	-4713 Jun 09 j 15:39	25° \approx 13'35		morning set	-4712 May 30 j 10:30	22° \approx 19'50	
	-4713 Jun 12 j 05:59	0° \approx			-4712 Jun 03 j 04:11	0° \approx	
morning set	-4713 Jun 16 j 05:49	7° \approx 46'25					
				superior conj	-4712 Jun 07 j 03:59	8° \approx 10'03	1°35'26
superior conj	-4713 Jun 24 j 12:44	24° \approx 12'36	1°46'06	minimum elong	-4712 Jun 07 j 01:28	7° \approx 57'17	1°35'20
minimum elong	-4713 Jun 24 j 11:11	24° \approx 05'06	1°46'13	max. Earth dist.	-4712 Jun 11 j 23:49	17° \approx 44'24	1.36240 AU
	-4713 Jun 27 j 13:05	0° \approx		evening rise	-4712 Jun 16 j 02:50	25° \approx 32'56	
max. Earth dist.	-4713 Jun 30 j 18:09	5° \approx 59'22	1.37993 AU		-4712 Jun 18 j 13:30	0° \approx	
evening rise	-4713 Jul 04 j 15:00	12° \approx 56'43			-4712 Jul 07 j 07:40	0° \approx	
	-4713 Jul 14 j 20:15	0° \approx		desc. node	-4712 Jul 08 j 11:38	1° \approx 37'32	
desc. node	-4713 Jul 22 j 14:33	11° \approx 46'27		evening max el	-4712 Jul 21 j 21:29	17° \approx 46'36	26°06'27
	-4713 Aug 05 j 11:10	0° \approx		retrograde	-4712 Aug 03 j 10:31	24° \approx 56'40	
evening max el	-4713 Aug 09 j 10:43	4° \approx 15'41	24°57'16	evening set	-4712 Aug 09 j 18:46	22° \approx 14'47	
retrograde	-4713 Aug 21 j 02:42	11° \approx 03'59		min. Earth dist.	-4712 Aug 13 j 22:58	17° \approx 42'34	0.66378 AU
evening set	-4713 Aug 26 j 20:35	8° \approx 36'06		inferior conj	-4712 Aug 15 j 07:09	16° \approx 01'31	-2°17'23
min. Earth dist.	-4713 Aug 31 j 09:05	3° \approx 26'00	0.67034 AU	minimum elong	-4712 Aug 15 j 10:08	15° \approx 52'07	2°16'05
inferior conj	-4713 Sep 01 j 05:25	2° \approx 18'39	-1°27'34	morning rise	-4712 Aug 21 j 01:39	10° \approx 08'57	
minimum elong	-4713 Sep 01 j 07:25	2° \approx 12'02	1°26'33	asc. node	-4712 Aug 22 j 12:03	9° \approx 27'53	
	-4713 Sep 03 j 00:18	30° \approx 46'25		direct	-4712 Aug 24 j 06:31	9° \approx 09'52	
asc. node	-4713 Sep 05 j 14:55	27° \approx 10'03		morning max el	-4712 Aug 31 j 05:45	13° \approx 06'36	19°03'20
morning rise	-4713 Sep 06 j 18:17	26° \approx 15'33			-4712 Sep 12 j 13:24	0° \approx	
direct	-4713 Sep 10 j 08:15	25° \approx 01'15		morning set	-4712 Sep 22 j 12:23	15° \approx 38'25	
morning max el	-4713 Sep 17 j 22:59	29° \approx 26'19	19°58'58		-4712 Oct 01 j 15:03	0° \approx	
	-4713 Sep 18 j 11:52	0° \approx		desc. node	-4712 Oct 04 j 11:13	4° \approx 28'20	
	-4713 Oct 09 j 16:56	0° \approx		max. Earth dist.	-4712 Oct 07 j 10:33	9° \approx 09'32	1.44694 AU
morning set	-4713 Oct 14 j 01:08	6° \approx 42'14					
desc. node	-4713 Oct 18 j 14:19	13° \approx 47'19		superior conj	-4712 Oct 08 j 21:55	11° \approx 29'09	-0°27'48
max. Earth dist.	-4713 Oct 25 j 18:27	25° \approx 06'49	1.43931 AU	minimum elong	-4712 Oct 08 j 18:22	11° \approx 15'09	0°27'15
	-4713 Oct 28 j 19:34	0° \approx			-4712 Oct 20 j 12:15	0° \approx	
				evening rise	-4712 Oct 24 j 06:06	6° \approx 04'22	
superior conj	-4713 Oct 30 j 14:57	2° \approx 55'31	-1°11'14		-4712 Nov 08 j 07:47	0° \approx	
minimum elong	-4713 Oct 30 j 08:13	2° \approx 28'12	1°10'31	evening max el	-4712 Nov 13 j 15:33	6° \approx 41'37	18°41'56
evening rise	-4713 Nov 13 j 00:25	25° \approx 17'21		asc. node	-4712 Nov 18 j 10:45	10° \approx 07'31	
	-4713 Nov 15 j 18:29	0° \approx		retrograde	-4712 Nov 20 j 08:52	10° \approx 27'52	
evening max el	-4713 Dec 01 j 03:25	23° \approx 17'17	18°15'51	evening set	-4712 Nov 23 j 09:53	9° \approx 35'38	
asc. node	-4713 Dec 02 j 13:36	24° \approx 36'29		inferior conj	-4712 Nov 29 j 07:03	3° \approx 55'32	3°09'35
retrograde	-4713 Dec 07 j 16:46	26° \approx 49'56		minimum elong	-4712 Nov 29 j 03:49	4° \approx 05'15	3°08'37
evening set	-4713 Dec 10 j 12:38	26° \approx 08'10		min. Earth dist.	-4712 Dec 01 j 02:07	1° \approx 46'40	0.64886 AU
inferior conj	-4713 Dec 16 j 17:43	20° \approx 45'29	3°42'37		-4712 Dec 02 j 15:45	30° \approx 46'25	
minimum elong	-4713 Dec 16 j 14:55	20° \approx 53'10	3°41'58	morning rise	-4712 Dec 04 j 21:21	27° \approx 49'43	
min. Earth dist.	-4713 Dec 19 j 03:24	18° \approx 08'15	0.63410 AU	direct	-4712 Dec 11 j 15:05	24° \approx 58'57	
morning rise	-4713 Dec 22 j 16:31	14° \approx 47'55			-4712 Dec 22 j 00:50	0° \approx	
direct	-4713 Dec 29 j 17:36	12° \approx 01'13		morning max el	-4712 Dec 24 j 19:56	2° \approx 35'28	27°02'52
morning max el	-4712 Jan 12 j 10:33	19° \approx 44'22	27°36'58	desc. node	-4712 Dec 31 j 11:17	10° \approx 02'32	
desc. node	-4712 Jan 14 j 14:17	21° \approx 57'56			-4711 Jan 14 j 12:47	0° \approx	
	-4712 Jan 21 j 06:57	0° \approx		morning set	-4711 Jan 29 j 10:03	26° \approx 48'53	
	-4712 Feb 09 j 08:23	0° \approx			-4711 Jan 31 j 09:21	0° \approx	
morning set	-4712 Feb 15 j 20:07	12° \approx 24'39		max. Earth dist.	-4711 Feb 03 j 00:23	5° \approx 16'05	1.34258 AU
max. Earth dist.	-4712 Feb 21 j 03:33	23° \approx 20'25	1.33297 AU				

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4711 Feb 06 j 15:51	12° Z 47'46	-1°12'40	max. Earth dist.	-4710 Jan 16 j 09:49	16° Z 39'08	1.35660 AU
minimum elong	-4711 Feb 06 j 18:41	13° Z 02'40	1°12'29				
evening rise	-4711 Feb 14 j 01:16	28° Z 22'21		superior conj	-4710 Jan 21 j 12:42	26° Z 48'31	-1°32'08
asc. node	-4711 Feb 14 j 09:48	29° Z 06'40		minimum elong	-4710 Jan 21 j 15:42	27° Z 03'46	1°32'02
	-4711 Feb 14 j 20:07	0° \approx			-4710 Jan 23 j 02:17	0° Z	
	-4711 Mar 05 j 09:09	0° H		evening rise	-4710 Jan 29 j 08:18	12° Z 52'20	
evening max el	-4711 Mar 06 j 11:27	1° H 05'09	21°39'57	asc. node	-4710 Feb 01 j 06:51	18° Z 47'39	
retrograde	-4711 Mar 18 j 16:09	6° H 56'48			-4710 Feb 07 j 08:47	0° \approx	
evening set	-4711 Mar 21 j 07:33	6° H 41'08		evening max el	-4710 Feb 16 j 17:22	12° \approx 26'59	20°19'53
desc. node	-4711 Mar 29 j 10:17	3° H 19'22		retrograde	-4710 Feb 27 j 06:56	17° \approx 27'36	
inferior conj	-4711 Mar 30 j 15:05	2° H 39'02	-0°19'50	evening set	-4710 Mar 01 j 15:19	17° \approx 13'48	
minimum elong	-4711 Mar 30 j 14:09	2° H 40'21	0°19'39	inferior conj	-4710 Mar 10 j 12:25	13° \approx 14'59	1°33'23
min. Earth dist.	-4711 Mar 30 j 15:42	2° H 38'10	0.55203 AU	minimum elong	-4710 Mar 10 j 16:16	13° \approx 09'15	1°31'58
	-4711 Apr 04 j 16:43	30° R \approx		min. Earth dist.	-4710 Mar 12 j 05:41	12° \approx 13'54	0.55555 AU
morning rise	-4711 Apr 08 j 21:09	28° \approx 36'35		desc. node	-4710 Mar 16 j 07:26	10° \approx 04'00	
direct	-4711 Apr 11 j 16:20	28° \approx 19'13		morning rise	-4710 Mar 19 j 15:35	8° \approx 51'32	
	-4711 Apr 18 j 06:06	0° H		direct	-4710 Mar 23 j 06:35	8° \approx 22'51	
morning max el	-4711 Apr 24 j 00:29	4° H 11'55	21°49'27	morning max el	-4710 Apr 05 j 19:48	15° \approx 03'08	23°26'22
	-4711 May 11 j 06:41	0° Y			-4710 Apr 17 j 11:16	0° H	
asc. node	-4711 May 13 j 09:35	4° Y 14'55		morning set	-4710 Apr 29 j 07:13	22° H 09'53	
morning set	-4711 May 14 j 19:37	7° Y 09'37		asc. node	-4710 Apr 30 j 06:33	24° H 12'34	
					-4710 May 02 j 23:44	0° Y	
superior conj	-4711 May 22 j 04:03	22° Y 36'04	1°19'26	superior conj	-4710 May 06 j 10:06	7° Y 22'04	0°59'40
minimum elong	-4711 May 22 j 01:20	22° Y 21'52	1°19'08	minimum elong	-4710 May 06 j 07:45	7° Y 09'34	0°59'17
max. Earth dist.	-4711 May 25 j 14:49	29° Y 43'03	1.34808 AU	max. Earth dist.	-4710 May 08 j 15:44	12° Y 07'12	1.33738 AU
	-4711 May 25 j 18:09	0° Z		evening rise	-4710 May 14 j 00:17	23° Y 07'58	
evening rise	-4711 May 30 j 07:29	9° Z 01'14			-4710 May 17 j 12:58	0° Z	
	-4711 Jun 11 j 02:03	0° II			-4710 Jun 04 j 18:22	0° II	
desc. node	-4711 Jun 25 j 08:46	20° II 57'18		desc. node	-4710 Jun 12 j 05:55	9° II 32'38	
	-4711 Jul 03 j 03:37	0° E		evening max el	-4710 Jun 16 j 19:41	14° II 23'25	27°23'24
evening max el	-4711 Jul 04 j 08:55	1° E 12'53	26°57'36	retrograde	-4710 Jun 30 j 10:01	21° II 48'21	
retrograde	-4711 Jul 17 j 13:04	8° E 34'00		evening set	-4710 Jul 07 j 12:59	19° II 05'23	
evening set	-4711 Jul 24 j 09:15	5° E 45'52		min. Earth dist.	-4710 Jul 11 j 04:15	15° II 46'41	0.63953 AU
min. Earth dist.	-4711 Jul 28 j 06:00	1° E 52'10	0.65358 AU	inferior conj	-4710 Jul 13 j 15:54	13° II 09'03	-3°40'08
	-4711 Jul 29 j 20:33	30° R II		minimum elong	-4710 Jul 13 j 19:21	12° II 59'54	3°39'13
inferior conj	-4711 Jul 30 j 03:28	29° II 39'48	-3°02'30	morning rise	-4710 Jul 20 j 02:27	7° II 47'25	
minimum elong	-4711 Jul 30 j 07:02	29° II 29'23	3°01'15	direct	-4710 Jul 22 j 19:45	7° II 10'02	
morning rise	-4711 Aug 05 j 05:11	24° II 01'06		asc. node	-4710 Jul 27 j 06:12	8° II 48'26	
direct	-4711 Aug 08 j 03:14	23° II 14'13		morning max el	-4710 Jul 29 j 08:02	10° II 35'55	18°01'42
asc. node	-4711 Aug 09 j 09:09	23° II 22'42			-4710 Aug 11 j 10:58	0° E	
morning max el	-4711 Aug 14 j 17:33	26° II 51'07	18°23'51	morning set	-4710 Aug 15 j 16:51	7° E 17'16	
	-4711 Aug 17 j 11:15	0° E					
morning set	-4711 Sep 03 j 01:29	25° E 50'21		superior conj	-4710 Aug 28 j 12:56	28° E 51'52	1°04'08
	-4711 Sep 05 j 14:31	0° O		minimum elong	-4710 Aug 28 j 18:49	29° E 15'56	1°03'41
superior conj	-4711 Sep 17 j 21:43	19° O 46'27	0°21'34		-4710 Aug 29 j 05:38	0° O	
minimum elong	-4711 Sep 18 j 00:27	19° O 57'15	0°21'23	max. Earth dist.	-4710 Sep 02 j 21:42	7° O 31'49	1.44057 AU
max. Earth dist.	-4711 Sep 20 j 04:56	23° O 24'50	1.44734 AU	desc. node	-4710 Sep 08 j 05:06	15° O 55'59	
desc. node	-4711 Sep 21 j 08:08	25° O 12'09		evening rise	-4710 Sep 13 j 19:01	24° O 37'12	
	-4711 Sep 24 j 09:17	0° np			-4710 Sep 17 j 06:53	0° np	
evening rise	-4711 Oct 04 j 10:38	15° np 46'26			-4710 Oct 08 j 00:46	0° O	
	-4711 Oct 13 j 13:07	0° O		evening max el	-4710 Oct 11 j 04:24	3° O 34'35	20°22'50
greatest brilliancy	-4711 Oct 14 j 22:49	2° O 10'04	-0.8m	retrograde	-4710 Oct 19 j 02:03	8° O 13'33	
evening max el	-4711 Oct 28 j 00:33	20° O 08'13	19°24'51	evening set	-4710 Oct 22 j 19:29	6° O 53'10	
retrograde	-4711 Nov 04 j 04:48	24° O 16'49		asc. node	-4710 Oct 23 j 05:05	6° O 34'56	
asc. node	-4711 Nov 05 j 07:56	24° O 09'26		inferior conj	-4710 Oct 28 j 06:19	0° E 47'30	1°39'56
evening set	-4711 Nov 07 j 12:57	23° O 11'48		minimum elong	-4710 Oct 28 j 04:09	0° O 54'48	1°39'06
inferior conj	-4711 Nov 13 j 04:05	17° O 17'14	2°27'39		-4710 Oct 28 j 20:26	30° R np	
minimum elong	-4711 Nov 13 j 01:09	17° O 26'41	2°26'38	min. Earth dist.	-4710 Oct 28 j 23:43	29° np 48'57	0.66779 AU
min. Earth dist.	-4711 Nov 14 j 09:31	15° O 42'43	0.66005 AU	morning rise	-4710 Nov 02 j 12:38	24° np 32'15	
morning rise	-4711 Nov 18 j 13:06	11° O 05'27		direct	-4710 Nov 08 j 03:03	22° np 06'11	
direct	-4711 Nov 24 j 18:21	8° O 23'04		morning max el	-4710 Nov 19 j 14:23	28° np 55'53	24°44'27
morning max el	-4711 Dec 07 j 05:28	15° O 42'20	26°02'24		-4710 Nov 20 j 15:16	0° O	
desc. node	-4711 Dec 18 j 08:14	28° O 58'41		desc. node	-4710 Dec 05 j 05:10	18° O 31'31	
	-4711 Dec 19 j 02:19	0° nl			-4710 Dec 12 j 21:52	0° nl	
	-4710 Jan 07 j 08:41	0° Z		morning set	-4710 Dec 25 j 15:19	21° nl 03'00	
morning set	-4710 Jan 12 j 10:16	9° Z 06'42		max. Earth dist.	-4710 Dec 29 j 09:21	27° nl 47'16	1.37461 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4710 Dec 30 j 14:10	0°♊		superior conj	-4709 Dec 18 j 19:34	22°♌52'29	-1°53'13
				minimum elong	-4709 Dec 18 j 19:54	22°♌54'04	1°53'23
superior conj	-4709 Jan 04 j 23:20	10°♊13'43	-1°46'32		-4709 Dec 22 j 14:36	0°♊	
minimum elong	-4709 Jan 05 j 01:37	10°♊24'53	1°46'36	evening rise	-4709 Dec 28 j 03:41	10°♊39'07	
evening rise	-4709 Jan 13 j 09:58	27°♊00'05		asc. node	-4708 Jan 06 j 00:59	26°♊56'46	
	-4709 Jan 14 j 22:15	0°♋			-4708 Jan 07 j 23:16	0°♋	
asc. node	-4709 Jan 19 j 03:55	8°♋06'48		evening max el	-4708 Jan 13 j 11:16	6°♋54'14	18°34'40
evening max el	-4709 Jan 30 j 09:42	24°♋24'11	19°17'24	retrograde	-4708 Jan 21 j 04:54	10°♋40'16	
retrograde	-4709 Feb 08 j 09:03	28°♋40'34		evening set	-4708 Jan 23 j 16:56	10°♋18'01	
evening set	-4709 Feb 10 j 18:12	28°♋23'50		inferior conj	-4708 Jan 31 j 05:14	5°♋49'17	3°49'39
inferior conj	-4709 Feb 18 j 22:57	24°♋13'57	3°00'29	minimum elong	-4708 Jan 31 j 08:07	5°♋43'39	3°49'04
minimum elong	-4709 Feb 19 j 03:58	24°♋05'29	2°59'05	min. Earth dist.	-4708 Feb 03 j 14:00	3°♋13'00	0.58511 AU
min. Earth dist.	-4709 Feb 21 j 20:35	22°♋17'42	0.56745 AU	morning rise	-4708 Feb 07 j 21:00	0°♋29'58	
morning rise	-4709 Feb 27 j 11:07	19°♋20'35			-4708 Feb 08 j 23:17	30°♌♊	
desc. node	-4709 Mar 03 j 04:33	18°♋29'18		direct	-4708 Feb 13 j 21:48	28°♊58'04	
direct	-4709 Mar 04 j 07:27	18°♋26'21		desc. node	-4708 Feb 18 j 01:38	29°♊40'42	
morning max el	-4709 Mar 18 j 10:54	25°♋39'28	25°03'44		-4708 Feb 18 j 22:35	0°♋	
	-4709 Mar 22 j 12:31	0°♌		morning max el	-4708 Feb 28 j 03:47	6°♋28'25	26°26'35
	-4709 Apr 10 j 06:54	0°♌			-4708 Mar 16 j 14:20	0°♌	
morning set	-4709 Apr 13 j 19:29	7°♌13'13		morning set	-4708 Mar 28 j 06:45	22°♌13'19	
asc. node	-4709 Apr 17 j 03:30	14°♌20'10			-4708 Mar 31 j 22:17	0°♌	
				asc. node	-4708 Apr 03 j 00:28	4°♌33'12	
superior conj	-4709 Apr 20 j 19:47	22°♌19'28	0°37'19				
minimum elong	-4709 Apr 20 j 18:12	22°♌10'54	0°36'57	superior conj	-4708 Apr 04 j 07:16	7°♌21'35	0°13'19
max. Earth dist.	-4709 Apr 22 j 00:07	24°♌53'05	1.33027 AU	minimum elong	-4708 Apr 04 j 06:41	7°♌18'24	0°13'05
	-4709 Apr 24 j 09:17	0°♍		behind sun begin	-4708 Apr 04 j 03:53	7°♌03'05	
evening rise	-4709 Apr 28 j 01:26	7°♍40'25		behind sun end	-4708 Apr 04 j 09:29	7°♌33'43	
	-4709 May 10 j 00:28	0°♎		max. Earth dist.	-4708 Apr 04 j 12:46	7°♌51'40	1.32661 AU
evening max el	-4709 May 30 j 03:36	27°♎05'06	27°18'32	evening rise	-4708 Apr 11 j 08:11	22°♌29'14	
desc. node	-4709 May 30 j 03:03	27°♎03'48			-4708 Apr 15 j 01:09	0°♍	
	-4709 Jun 02 j 11:39	0°♎			-4708 May 03 j 06:12	0°♎	
retrograde	-4709 Jun 13 j 00:49	4°♎29'38		evening max el	-4708 May 11 j 06:34	9°♎08'42	26°40'54
evening set	-4709 Jun 20 j 02:15	2°♎05'59		desc. node	-4708 May 16 j 00:11	13°♎04'13	
	-4709 Jun 22 j 19:26	30°♎♎		retrograde	-4708 May 25 j 08:06	16°♎29'31	
min. Earth dist.	-4709 Jun 23 j 16:42	29°♎12'55	0.62192 AU	evening set	-4708 May 31 j 20:57	14°♎38'32	
inferior conj	-4709 Jun 26 j 17:24	26°♎21'59	-4°06'08	min. Earth dist.	-4708 Jun 04 j 20:00	11°♎56'02	0.60195 AU
minimum elong	-4709 Jun 26 j 19:39	26°♎16'40	4°05'43	inferior conj	-4708 Jun 08 j 04:30	9°♎10'35	-4°14'07
morning rise	-4709 Jul 03 j 14:24	21°♎20'01		minimum elong	-4708 Jun 08 j 04:14	9°♎11'09	4°13'59
direct	-4709 Jul 06 j 04:42	20°♎50'03		morning rise	-4708 Jun 15 j 13:37	4°♎29'45	
morning max el	-4709 Jul 12 j 22:28	24°♎14'18	17°57'43	direct	-4708 Jun 18 j 02:12	4°♎05'36	
asc. node	-4709 Jul 14 j 03:14	25°♎29'48		morning max el	-4708 Jun 25 j 10:01	7°♎38'59	18°12'51
	-4709 Jul 17 j 14:42	0°♎		asc. node	-4708 Jun 30 j 00:15	13°♎11'28	
morning set	-4709 Jul 29 j 05:36	19°♎45'13			-4708 Jul 09 j 19:54	0°♎	
	-4709 Aug 03 j 23:01	0°♏		morning set	-4708 Jul 11 j 10:32	3°♎01'07	
superior conj	-4709 Aug 09 j 06:58	9°♏17'05	1°32'41				
minimum elong	-4709 Aug 09 j 11:42	9°♏37'17	1°32'33	superior conj	-4708 Jul 21 j 03:13	21°♎00'27	1°46'47
max. Earth dist.	-4709 Aug 16 j 09:37	21°♏11'06	1.42757 AU	minimum elong	-4708 Jul 21 j 05:07	21°♎09'04	1°46'57
	-4709 Aug 21 j 21:00	0°♐			-4708 Jul 26 j 05:17	0°♏	
evening rise	-4709 Aug 23 j 23:33	3°♐19'17		max. Earth dist.	-4708 Jul 28 j 15:45	4°♏10'35	1.41026 AU
desc. node	-4709 Aug 26 j 02:05	6°♐36'23		evening rise	-4708 Aug 02 j 20:11	12°♏47'46	
	-4709 Sep 10 j 18:17	0°♑		desc. node	-4708 Aug 11 j 23:04	27°♏09'32	
evening max el	-4709 Sep 24 j 02:00	16°♑59'48	21°33'17		-4708 Aug 13 j 20:07	0°♐	
retrograde	-4709 Oct 02 j 22:32	22°♑15'09			-4708 Sep 05 j 08:08	0°♑	
evening set	-4709 Oct 07 j 03:27	20°♑37'00		evening max el	-4708 Sep 05 j 17:46	0°♑24'31	22°51'56
asc. node	-4709 Oct 10 j 02:12	17°♑34'40		retrograde	-4708 Sep 15 j 16:36	6°♑18'36	
inferior conj	-4709 Oct 12 j 11:38	14°♑23'50	0°48'39	evening set	-4708 Sep 20 j 11:01	4°♑20'53	
minimum elong	-4709 Oct 12 j 10:31	14°♑27'39	0°48'15		-4708 Sep 24 j 08:03	30°♒♐	
min. Earth dist.	-4709 Oct 12 j 18:15	14°♑01'00	0.67232 AU	inferior conj	-4708 Sep 25 j 18:09	28°♐03'37	-0°04'26
morning rise	-4709 Oct 17 j 17:25	8°♑07'57		minimum elong	-4708 Sep 25 j 18:14	28°♐03'17	0°04'15
direct	-4709 Oct 22 j 16:40	6°♑02'12		transit middle	-4708 Sep 25 j 18:14	28°♐03'17	0°04'15
morning max el	-4709 Nov 01 j 23:59	12°♑11'48	23°18'46	transit begin	-4708 Sep 25 j 15:38	28°♐12'17	
	-4709 Nov 16 j 05:08	0°♒		transit end	-4708 Sep 25 j 20:51	27°♐54'18	
desc. node	-4709 Nov 22 j 02:06	8°♒30'27		min. Earth dist.	-4708 Sep 25 j 14:33	28°♐16'01	0.67392 AU
	-4709 Dec 05 j 18:33	0°♓		asc. node	-4708 Sep 25 j 23:21	27°♐45'41	
morning set	-4709 Dec 06 j 19:10	1°♓42'27		morning rise	-4708 Oct 01 j 01:20	21°♐50'17	
max. Earth dist.	-4709 Dec 11 j 05:10	9°♓14'01	1.39499 AU	direct	-4708 Oct 05 j 10:20	20°♐05'41	
				morning max el	-4708 Oct 14 j 13:16	25°♐31'05	21°54'10

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4708 Oct 18 j 13:05	0°♎				-4707 Oct 13 j 03:41	0°♎		
desc. node	-4708 Nov 07 j 23:00	28°♎47'12		morning set		-4707 Oct 25 j 20:09	19°♎17'34		
	-4708 Nov 08 j 18:01	0°♏		desc. node		-4707 Oct 25 j 19:55	19°♎16'38		
morning set	-4708 Nov 15 j 18:18	10°♏58'13				-4707 Nov 01 j 15:29	0°♏		
max. Earth dist.	-4708 Nov 22 j 04:52	21°♏27'52	1.41511 AU	max. Earth dist.		-4707 Nov 04 j 12:19	4°♏36'04	1.43203 AU	
	-4708 Nov 27 j 05:50	0°♐							
superior conj	-4708 Nov 29 j 19:58	4°♐30'11	-1°48'50	superior conj		-4707 Nov 10 j 18:57	14°♏53'38	-1°29'45	
minimum elong	-4708 Nov 29 j 17:05	4°♐17'33	1°48'50	minimum elong		-4707 Nov 10 j 12:50	14°♏28'09	1°29'16	
evening rise	-4708 Dec 10 j 10:08	23°♐41'09		evening rise		-4707 Nov 19 j 15:31	0°♐		
	-4708 Dec 13 j 20:30	0°♑				-4707 Nov 23 j 01:19	5°♐58'14		
asc. node	-4708 Dec 22 j 22:05	15°♑07'37		asc. node		-4707 Dec 07 j 17:11	0°♑		
evening max el	-4708 Dec 26 j 19:25	19°♑48'29	18°12'01	evening max el		-4707 Dec 09 j 19:11	2°♑27'43		
retrograde	-4707 Jan 02 j 18:19	23°♑19'22		retrograde		-4707 Dec 10 j 07:15	2°♑59'00	18°08'58	
evening set	-4707 Jan 05 j 09:07	22°♑50'18		evening set		-4707 Dec 16 j 21:33	6°♑27'56		
inferior conj	-4707 Jan 12 j 07:13	17°♑59'45	4°05'06	inferior conj		-4707 Dec 19 j 15:19	5°♑51'04		
minimum elong	-4707 Jan 12 j 07:13	17°♑59'46	4°04'53	minimum elong		-4707 Dec 26 j 01:53	0°♑39'15	3°55'55	
min. Earth dist.	-4707 Jan 15 j 12:35	15°♑06'25	0.60504 AU			-4707 Dec 25 j 23:47	0°♑44'39	3°55'30	
morning rise	-4707 Jan 19 j 03:49	12°♑21'54		min. Earth dist.		-4707 Dec 26 j 17:06	30°♑		
direct	-4707 Jan 25 j 23:10	10°♑12'06		morning rise		-4707 Dec 28 j 19:36	27°♑51'21	0.62421 AU	
desc. node	-4707 Feb 03 j 22:42	13°♑31'01		direct		-4706 Jan 01 j 07:23	24°♑47'52		
morning max el	-4707 Feb 09 j 02:11	17°♑50'16	27°21'44	desc. node		-4706 Jan 08 j 09:13	22°♑10'44		
	-4707 Feb 19 j 07:00	0°♒				-4706 Jan 21 j 19:45	29°♑26'04		
	-4707 Mar 09 j 03:23	0°♓		morning max el		-4706 Jan 22 j 09:42	0°♒		
morning set	-4707 Mar 12 j 15:12	7°♓03'09				-4706 Jan 22 j 06:45	29°♑52'46	27°41'49	
max. Earth dist.	-4707 Mar 19 j 02:01	20°♓49'49	1.32628 AU	morning set		-4706 Feb 13 j 05:15	0°♓		
						-4706 Feb 24 j 18:43	21°♓35'13		
superior conj	-4707 Mar 19 j 18:53	22°♓21'55	-0°11'30	max. Earth dist.		-4706 Feb 28 j 19:58	0°♓		
minimum elong	-4707 Mar 19 j 19:24	22°♓24'45	0°11'33			-4706 Mar 02 j 12:06	3°♓34'04	1.32947 AU	
behind sun begin	-4707 Mar 19 j 15:57	22°♓05'53		superior conj		-4706 Mar 04 j 04:58	7°♓14'24	-0°36'14	
behind sun end	-4707 Mar 19 j 22:51	22°♓43'37		minimum elong		-4706 Mar 04 j 06:34	7°♓23'01	0°36'07	
asc. node	-4707 Mar 20 j 21:27	24°♓47'07		asc. node		-4706 Mar 07 j 18:26	14°♓57'44		
	-4707 Mar 23 j 06:52	0°♔		evening rise		-4706 Mar 11 j 05:51	22°♓23'49		
evening rise	-4707 Mar 26 j 18:17	7°♔26'06				-4706 Mar 14 j 22:47	0°♔		
	-4707 Apr 07 j 15:51	0°♕				-4706 Apr 03 j 10:41	0°♕		
evening max el	-4707 Apr 23 j 03:30	20°♕31'34	25°33'37	evening max el		-4706 Apr 04 j 19:59	1°♕23'01	24°05'58	
desc. node	-4707 May 02 j 21:19	26°♕59'37		retrograde		-4706 Apr 18 j 15:10	8°♕17'42		
retrograde	-4707 May 07 j 05:36	27°♕44'10		desc. node		-4706 Apr 19 j 18:30	8°♕14'45		
evening set	-4707 May 12 j 18:20	26°♕31'44		evening set		-4706 Apr 22 j 20:39	7°♕37'56		
min. Earth dist.	-4707 May 17 j 16:03	23°♕43'36	0.58186 AU	min. Earth dist.		-4706 Apr 29 j 07:44	4°♕30'46	0.56483 AU	
inferior conj	-4707 May 20 j 21:41	21°♕25'41	-3°55'06	inferior conj		-4706 May 01 j 18:42	2°♕59'11	-2°59'31	
minimum elong	-4707 May 20 j 18:03	21°♕32'11	3°54'33	minimum elong		-4706 May 01 j 13:00	3°♕08'05	2°58'08	
morning rise	-4707 May 28 j 20:35	17°♕05'44				-4706 May 07 j 03:29	30°♕		
direct	-4707 May 31 j 08:07	16°♕46'17		morning rise		-4706 May 10 j 08:25	28°♕56'07		
morning max el	-4707 Jun 08 j 15:52	20°♕41'31	18°48'01	direct		-4706 May 12 j 19:18	28°♕40'12		
	-4707 Jun 15 j 20:47	0°♖				-4706 May 18 j 02:39	0°♖		
asc. node	-4707 Jun 16 j 21:16	1°♖40'03		morning max el		-4706 May 22 j 13:15	3°♖11'59	19°43'37	
morning set	-4707 Jun 25 j 03:20	16°♖54'39		asc. node		-4706 Jun 03 j 18:16	20°♖43'41		
	-4707 Jul 01 j 20:36	0°♗				-4706 Jun 08 j 13:20	0°♖		
superior conj	-4707 Jul 03 j 20:27	3°♗48'24	1°49'02	morning set		-4706 Jun 09 j 04:30	1°♖15'53		
minimum elong	-4707 Jul 03 j 19:54	3°♗45'48	1°49'13	superior conj		-4706 Jun 17 j 05:02	17°♖24'38	1°42'21	
max. Earth dist.	-4707 Jul 10 j 18:02	16°♗29'45	1.39097 AU	minimum elong		-4706 Jun 17 j 02:58	17°♖14'24	1°42'23	
evening rise	-4707 Jul 14 j 18:52	23°♗32'16		max. Earth dist.		-4706 Jun 22 j 20:54	28°♖20'38	1.37216 AU	
	-4707 Jul 18 j 15:13	0°♘				-4706 Jun 23 j 18:10	0°♗		
desc. node	-4707 Jul 29 j 20:05	17°♘31'27		evening rise		-4706 Jun 26 j 18:33	5°♗31'05		
	-4707 Aug 07 j 15:37	0°♙				-4706 Jul 11 j 13:19	0°♘		
evening max el	-4707 Aug 19 j 05:44	13°♙51'42	24°12'43	desc. node		-4706 Jul 16 j 17:08	7°♘35'51		
retrograde	-4707 Aug 30 j 07:11	20°♙21'40		evening max el		-4706 Aug 01 j 16:16	27°♘21'12	25°28'20	
evening set	-4707 Sep 04 j 16:28	18°♙04'12				-4706 Aug 04 j 13:53	0°♙		
min. Earth dist.	-4707 Sep 09 j 10:11	12°♙33'26	0.67258 AU	retrograde		-4706 Aug 13 j 17:34	4°♙19'38		
inferior conj	-4707 Sep 10 j 00:11	11°♙46'08	-0°57'34	evening set		-4706 Aug 19 j 17:54	1°♙44'50		
minimum elong	-4707 Sep 10 j 01:31	11°♙41'38	0°56'50			-4706 Aug 21 j 12:17	30°♙		
asc. node	-4707 Sep 12 j 20:28	8°♙07'16		min. Earth dist.		-4706 Aug 24 j 02:44	26°♙50'56	0.66803 AU	
morning rise	-4707 Sep 15 j 10:31	5°♙38'30		inferior conj		-4706 Aug 25 j 04:00	25°♙28'58	-1°49'07	
direct	-4707 Sep 19 j 06:55	4°♙13'48		minimum elong		-4706 Aug 25 j 06:28	25°♙21'00	1°47'58	
morning max el	-4707 Sep 27 j 09:05	8°♙58'20	20°37'35	morning rise		-4706 Aug 30 j 19:06	19°♙30'14		

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4706 Aug 30 j 17:37	19° ☿ 32'42		morning max el	-4705 Aug 24 j 21:28	6° ☿ 17'10	18°44'28
direct	-4706 Sep 03 j 04:58	18° ☿ 22'48			-4705 Sep 10 j 08:02	0° ♊	
morning max el	-4706 Sep 10 j 12:13	22° ☿ 34'22	19°33'28	morning set	-4705 Sep 14 j 18:59	7° ♊ 08'30	
	-4706 Sep 16 j 13:31	0° ♊			-4705 Sep 29 j 04:28	0° ♊	
morning set	-4706 Oct 04 j 21:33	27° ♊ 42'26		desc. node	-4705 Sep 29 j 13:45	0° ♊ 36'32	
	-4706 Oct 06 j 08:52	0° ♊					
desc. node	-4706 Oct 12 j 16:50	9° ♊ 54'11		superior conj	-4705 Sep 30 j 15:30	2° ♊ 18'04	-0°06'47
max. Earth dist.	-4706 Oct 18 j 02:12	18° ♊ 24'19	1.44340 AU	minimum elong	-4705 Sep 30 j 14:37	2° ♊ 14'35	0°06'33
				behind sun begin	-4705 Sep 30 j 04:03	1° ♊ 32'56	
superior conj	-4706 Oct 21 j 14:25	23° ♊ 59'47	-0°54'16	behind sun end	-4705 Oct 01 j 01:11	2° ♊ 56'14	
minimum elong	-4706 Oct 21 j 08:21	23° ♊ 35'30	0°53'30	max. Earth dist.	-4705 Sep 30 j 19:21	2° ♊ 33'13	1.44796 AU
	-4706 Oct 25 j 07:55	0° ♋		evening rise	-4705 Oct 16 j 15:31	27° ♊ 39'26	
evening rise	-4706 Nov 04 j 20:32	17° ♋ 20'37			-4705 Oct 18 j 02:40	0° ♋	
	-4706 Nov 12 j 10:29	0° ♋		evening max el	-4705 Nov 07 j 06:56	29° ♋ 44'04	18°58'17
evening max el	-4706 Nov 23 j 19:58	16° ♋ 19'11	18°24'47		-4705 Nov 07 j 13:12	0° ♋	
asc. node	-4706 Nov 26 j 16:19	18° ♋ 42'50		asc. node	-4705 Nov 13 j 13:29	3° ♋ 37'07	
retrograde	-4706 Nov 30 j 10:10	19° ♋ 56'49		retrograde	-4705 Nov 14 j 04:18	3° ♋ 39'17	
evening set	-4706 Dec 03 j 08:00	19° ♋ 10'50		evening set	-4705 Nov 17 j 08:00	2° ♋ 42'05	
inferior conj	-4706 Dec 09 j 09:25	13° ♋ 40'06	3°29'58		-4705 Nov 20 j 11:41	30° ♋ 00	
minimum elong	-4706 Dec 09 j 06:19	13° ♋ 48'56	3°29'10	inferior conj	-4705 Nov 23 j 02:22	26° ♋ 55'26	2°52'43
min. Earth dist.	-4706 Dec 11 j 12:44	11° ♋ 14'00	0.64072 AU	minimum elong	-4705 Nov 22 j 23:11	27° ♋ 05'19	2°51'41
morning rise	-4706 Dec 15 j 04:08	7° ♋ 38'34		min. Earth dist.	-4705 Nov 24 j 15:30	25° ♋ 00'30	0.65395 AU
direct	-4706 Dec 22 j 02:43	4° ♋ 48'42		morning rise	-4705 Nov 28 j 14:01	20° ♋ 46'30	
morning max el	-4705 Jan 04 j 15:27	12° ♋ 30'18	27°26'23	direct	-4705 Dec 05 j 02:47	17° ♋ 57'54	
desc. node	-4705 Jan 08 j 16:48	16° ♋ 51'26		morning max el	-4705 Dec 18 j 01:12	25° ♋ 29'37	26°39'59
	-4705 Jan 18 j 17:48	0° ♌			-4705 Dec 22 j 05:18	0° ♋	
	-4705 Feb 05 j 16:11	0° ♌		desc. node	-4705 Dec 26 j 13:48	5° ♋ 19'57	
morning set	-4705 Feb 08 j 14:39	5° ♌ 40'45			-4704 Jan 12 j 05:24	0° ♌	
max. Earth dist.	-4705 Feb 13 j 15:00	15° ♌ 51'11	1.33651 AU	morning set	-4704 Jan 22 j 23:20	19° ♌ 07'00	
				max. Earth dist.	-4704 Jan 27 j 06:59	27° ♌ 31'24	1.34790 AU
					-4704 Jan 28 j 12:37	0° ♌	
superior conj	-4705 Feb 16 j 11:44	21° ♌ 53'00	-0°59'56				
minimum elong	-4705 Feb 16 j 14:13	22° ♌ 06'14	0°59'44				
	-4705 Feb 20 j 06:54	0° ♍		superior conj	-4704 Jan 31 j 12:55	6° ♌ 09'27	-1°21'25
asc. node	-4705 Feb 22 j 15:27	5° ♍ 01'01		minimum elong	-4704 Jan 31 j 15:55	6° ♌ 24'58	1°21'15
evening rise	-4705 Feb 23 j 17:07	7° ♍ 16'04		evening rise	-4704 Feb 08 j 02:10	21° ♌ 55'19	
	-4705 Mar 07 j 22:17	0° ♍		asc. node	-4704 Feb 09 j 12:28	24° ♌ 51'21	
evening max el	-4705 Mar 17 j 13:20	12° ♍ 07'57	22°31'52		-4704 Feb 12 j 02:16	0° ♍	
retrograde	-4705 Mar 30 j 12:47	18° ♍ 27'54		evening max el	-4704 Feb 27 j 13:37	23° ♍ 11'31	21°04'08
evening set	-4705 Apr 02 j 14:16	18° ♍ 07'17		retrograde	-4704 Mar 10 j 02:44	28° ♍ 41'46	
desc. node	-4705 Apr 06 j 15:40	16° ♍ 43'18		evening set	-4704 Mar 12 j 13:24	28° ♍ 27'51	
min. Earth dist.	-4705 Apr 10 j 22:09	14° ♍ 28'52	0.55420 AU	inferior conj	-4704 Mar 21 j 17:44	24° ♍ 29'20	0°29'38
inferior conj	-4705 Apr 11 j 22:12	13° ♍ 54'31	-1°25'39	minimum elong	-4704 Mar 21 j 19:05	24° ♍ 27'25	0°29'02
minimum elong	-4705 Apr 11 j 18:26	13° ♍ 59'54	1°24'30	min. Earth dist.	-4704 Mar 22 j 12:32	24° ♍ 02'34	0.55235 AU
morning rise	-4705 Apr 21 j 00:27	9° ♍ 56'51		desc. node	-4704 Mar 23 j 12:51	23° ♍ 28'18	
direct	-4705 Apr 23 j 13:43	9° ♍ 41'48		morning rise	-4704 Mar 31 j 00:10	20° ♍ 19'23	
morning max el	-4705 May 05 j 00:14	15° ♍ 03'27	20°58'40	direct	-4704 Apr 03 j 01:54	19° ♍ 58'45	
	-4705 May 16 j 03:13	0° ♎		morning max el	-4704 Apr 16 j 00:34	26° ♍ 13'45	22°29'38
asc. node	-4705 May 21 j 15:15	10° ♎ 13'49			-4704 Apr 19 j 14:02	0° ♎	
morning set	-4705 May 24 j 11:22	15° ♎ 57'29			-4704 May 07 j 11:41	0° ♎	
	-4705 May 31 j 05:51	0° ♎		morning set	-4704 May 07 j 21:44	0° ♎ 52'11	
				asc. node	-4704 May 07 j 12:13	0° ♎ 02'43	
superior conj	-4705 Jun 01 j 00:32	1° ♎ 36'08	1°29'12				
minimum elong	-4705 May 31 j 21:50	1° ♎ 22'21	1°29'01	superior conj	-4704 May 15 j 03:27	16° ♎ 11'43	1°11'27
max. Earth dist.	-4705 Jun 05 j 06:04	10° ♎ 08'35	1.35587 AU	minimum elong	-4704 May 15 j 00:50	15° ♎ 57'54	1°11'06
evening rise	-4705 Jun 09 j 14:14	18° ♎ 31'31		max. Earth dist.	-4704 May 18 j 01:05	22° ♎ 15'58	1.34310 AU
	-4705 Jun 15 j 22:25	0° ♏			-4704 May 21 j 20:36	0° ♎	
desc. node	-4705 Jul 03 j 14:13	27° ♏ 14'57		evening rise	-4704 May 23 j 00:34	2° ♎ 17'48	
	-4705 Jul 05 j 16:17	0° ☿			-4704 Jun 07 j 19:47	0° ♏	
evening max el	-4705 Jul 15 j 03:07	10° ☿ 50'17	26°30'42	desc. node	-4704 Jun 19 j 11:20	16° ♏ 17'42	
retrograde	-4705 Jul 27 j 23:18	18° ☿ 06'49		evening max el	-4704 Jun 26 j 14:26	24° ♏ 11'14	27°12'00
evening set	-4705 Aug 03 j 13:09	15° ☿ 20'44			-4704 Jul 04 j 05:35	0° ☿	
min. Earth dist.	-4705 Aug 07 j 13:55	11° ☿ 05'12	0.65994 AU	retrograde	-4704 Jul 09 j 23:50	1° ☿ 35'23	
inferior conj	-4705 Aug 09 j 03:42	9° ☿ 10'02	-2°37'14		-4704 Jul 15 j 06:47	30° ♏ 00	
minimum elong	-4705 Aug 09 j 07:00	8° ☿ 59'57	2°35'55	evening set	-4704 Jul 16 j 23:31	28° ♏ 47'53	
morning rise	-4705 Aug 15 j 01:07	3° ☿ 23'12		min. Earth dist.	-4704 Jul 20 j 17:33	25° ♏ 09'36	0.64804 AU
asc. node	-4705 Aug 17 j 14:44	2° ☿ 31'16		inferior conj	-4704 Jul 22 j 21:01	22° ♏ 45'19	-3°19'36
direct	-4705 Aug 18 j 02:43	2° ☿ 29'52		minimum elong	-4704 Jul 23 j 00:39	22° ♏ 35'07	3°18'28

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning rise	-4704 Jul 29 j 02:18	17° Π 13'26		minimum elong	-4703 Jul 06 j 08:19	6° Π 00'47	3°52'15
direct	-4704 Jul 31 j 21:58	16° Π 31'01		morning rise	-4703 Jul 12 j 19:59	0° Π 54'43	
asc. node	-4704 Aug 03 j 11:49	17° Π 06'06		direct	-4703 Jul 15 j 11:49	0° Π 20'40	
morning max el	-4704 Aug 07 j 10:44	20° Π 02'33	18°12'10	asc. node	-4703 Jul 21 j 08:51	3° Π 05'33	
	-4704 Aug 14 j 22:29	0° \mathfrak{C}		morning max el	-4703 Jul 22 j 01:27	3° Π 44'48	17°57'37
morning set	-4704 Aug 25 j 19:42	17° \mathfrak{C} 53'35		morning set	-4703 Aug 07 j 20:52	29° Π 48'20	
	-4704 Sep 02 j 03:04	0° Ω			-4703 Aug 07 j 23:32	0° \mathfrak{C}	
superior conj	-4704 Sep 08 j 19:35	10° Ω 49'45	0°41'04	superior conj	-4703 Aug 19 j 21:36	20° \mathfrak{C} 26'55	1°18'07
minimum elong	-4704 Sep 09 j 00:17	11° Ω 08'31	0°40'40	minimum elong	-4703 Aug 20 j 03:23	20° \mathfrak{C} 51'01	1°17'46
max. Earth dist.	-4704 Sep 12 j 12:56	16° Ω 45'29	1.44527 AU		-4703 Aug 25 j 17:23	0° Ω	
desc. node	-4704 Sep 15 j 10:41	21° Ω 20'50		max. Earth dist.	-4703 Aug 26 j 04:04	0° Ω 43'05	1.43575 AU
	-4704 Sep 20 j 23:14	0° \mathfrak{M}		desc. node	-4703 Sep 02 j 07:38	12° Ω 03'25	
evening rise	-4704 Sep 25 j 10:10	6° \mathfrak{M} 56'07		evening rise	-4703 Sep 04 j 14:23	15° Ω 36'25	
greatest brilliancy	-4704 Oct 08 j 00:40	26° \mathfrak{M} 18'23	-0.7m		-4703 Sep 14 j 00:56	0° \mathfrak{M}	
	-4704 Oct 10 j 12:14	0° $\underline{\mathfrak{A}}$		evening max el	-4703 Oct 03 j 15:20	26° \mathfrak{M} 37'06	20°51'33
evening max el	-4704 Oct 20 j 13:59	13° $\underline{\mathfrak{A}}$ 11'00	19°47'53		-4703 Oct 07 j 14:16	0° $\underline{\mathfrak{A}}$	
retrograde	-4704 Oct 28 j 00:59	17° $\underline{\mathfrak{A}}$ 31'37		retrograde	-4703 Oct 11 j 21:58	1° $\underline{\mathfrak{A}}$ 30'25	
asc. node	-4704 Oct 30 j 10:37	16° $\underline{\mathfrak{A}}$ 58'05		evening set	-4703 Oct 15 j 20:06	0° $\underline{\mathfrak{A}}$ 02'42	
evening set	-4704 Oct 31 j 12:46	16° $\underline{\mathfrak{A}}$ 20'34			-4703 Oct 15 j 21:32	30° \mathfrak{R} \mathfrak{M}	
inferior conj	-4704 Nov 06 j 01:53	10° $\underline{\mathfrak{A}}$ 21'08	2°08'00	asc. node	-4703 Oct 17 j 07:46	28° \mathfrak{M} 43'53	
minimum elong	-4704 Nov 05 j 23:13	10° $\underline{\mathfrak{A}}$ 29'52	2°07'01	inferior conj	-4703 Oct 21 j 05:38	23° \mathfrak{M} 53'39	1°18'28
min. Earth dist.	-4704 Nov 07 j 02:07	9° $\underline{\mathfrak{A}}$ 01'32	0.66374 AU	minimum elong	-4703 Oct 21 j 03:53	23° \mathfrak{M} 59'36	1°17'49
morning rise	-4704 Nov 11 j 09:26	4° $\underline{\mathfrak{A}}$ 07'29		min. Earth dist.	-4703 Oct 21 j 18:20	23° \mathfrak{M} 10'22	0.67016 AU
direct	-4704 Nov 17 j 08:39	1° $\underline{\mathfrak{A}}$ 30'57		morning rise	-4703 Oct 26 j 11:30	17° \mathfrak{M} 38'00	
morning max el	-4704 Nov 29 j 10:14	8° $\underline{\mathfrak{A}}$ 39'27	25°30'45	direct	-4703 Oct 31 j 19:32	15° \mathfrak{M} 20'10	
desc. node	-4704 Dec 12 j 10:45	24° $\underline{\mathfrak{A}}$ 33'15		morning max el	-4703 Nov 11 j 18:56	21° \mathfrak{M} 53'01	24°08'20
	-4704 Dec 16 j 06:39	0° \mathfrak{M}			-4703 Nov 18 j 20:32	0° $\underline{\mathfrak{A}}$	
	-4703 Jan 03 j 17:53	0° \mathfrak{X}		desc. node	-4703 Nov 29 j 07:42	14° $\underline{\mathfrak{A}}$ 18'02	
morning set	-4703 Jan 04 j 16:05	1° \mathfrak{X} 40'11			-4703 Dec 09 j 14:10	0° \mathfrak{M}	
max. Earth dist.	-4703 Jan 08 j 11:13	8° \mathfrak{X} 42'14	1.36379 AU	morning set	-4703 Dec 17 j 10:59	13° \mathfrak{M} 04'20	
				max. Earth dist.	-4703 Dec 21 j 08:08	19° \mathfrak{M} 53'14	1.38318 AU
					-4703 Dec 26 j 20:21	0° \mathfrak{X}	
superior conj	-4703 Jan 14 j 05:50	19° \mathfrak{X} 55'58	-1°39'01	superior conj	-4703 Dec 28 j 10:53	3° \mathfrak{X} 02'33	-1°50'30
minimum elong	-4703 Jan 14 j 08:40	20° \mathfrak{X} 10'06	1°38'59	minimum elong	-4703 Dec 28 j 12:31	3° \mathfrak{X} 10'20	1°50'38
	-4703 Jan 19 j 05:17	0° \mathfrak{Z}		evening rise	-4702 Jan 06 j 05:43	20° \mathfrak{X} 11'39	
evening rise	-4703 Jan 22 j 07:08	6° \mathfrak{Z} 15'51			-4702 Jan 11 j 08:05	0° \mathfrak{Z}	
asc. node	-4703 Jan 26 j 09:30	14° \mathfrak{Z} 23'20		asc. node	-4702 Jan 13 j 06:34	3° \mathfrak{Z} 30'36	
	-4703 Feb 04 j 19:00	0° \approx		evening max el	-4702 Jan 22 j 20:33	16° \mathfrak{Z} 59'29	18°56'45
evening max el	-4703 Feb 09 j 00:03	4° \approx 48'08	19°51'03	retrograde	-4702 Jan 31 j 05:43	21° \mathfrak{Z} 00'51	
retrograde	-4703 Feb 18 j 20:29	9° \approx 27'55		evening set	-4702 Feb 02 j 16:14	20° \mathfrak{Z} 41'51	
evening set	-4703 Feb 21 j 04:46	9° \approx 13'16		inferior conj	-4702 Feb 10 j 13:44	16° \mathfrak{Z} 24'20	3°25'59
inferior conj	-4703 Mar 01 j 19:17	5° \approx 11'34	2°14'41	minimum elong	-4702 Feb 10 j 18:06	16° \mathfrak{Z} 16'30	3°24'56
minimum elong	-4703 Mar 02 j 00:10	5° \approx 03'59	2°13'04	min. Earth dist.	-4702 Feb 13 j 18:07	14° \mathfrak{Z} 08'53	0.57447 AU
min. Earth dist.	-4703 Mar 04 j 02:50	3° \approx 45'41	0.55973 AU	morning rise	-4702 Feb 18 j 17:29	11° \mathfrak{Z} 19'30	
desc. node	-4703 Mar 10 j 09:58	0° \approx 41'14		direct	-4702 Feb 24 j 02:52	10° \mathfrak{Z} 10'13	
morning rise	-4703 Mar 10 j 17:15	0° \approx 35'35		desc. node	-4702 Feb 25 j 07:05	10° \mathfrak{Z} 13'33	
	-4703 Mar 13 j 19:51	30° \mathfrak{R} \mathfrak{Z}		morning max el	-4702 Mar 10 j 08:03	17° \mathfrak{Z} 31'22	25°41'46
direct	-4703 Mar 14 j 20:24	29° \mathfrak{Z} 57'38			-4702 Mar 20 j 14:56	0° \approx	
	-4703 Mar 15 j 20:53	0° \approx			-4702 Apr 06 j 11:02	0° \mathfrak{X}	
morning max el	-4703 Mar 28 j 17:07	6° \approx 54'14	24°08'27	morning set	-4702 Apr 06 j 21:52	0° \mathfrak{X} 56'42	
	-4703 Apr 14 j 07:19	0° \mathfrak{X}		asc. node	-4702 Apr 11 j 06:07	10° \mathfrak{X} 15'06	
morning set	-4703 Apr 22 j 09:48	15° \mathfrak{X} 53'52					
asc. node	-4703 Apr 24 j 09:09	20° \mathfrak{X} 04'44		superior conj	-4702 Apr 13 j 21:55	16° \mathfrak{X} 02'58	0°27'18
	-4703 Apr 28 j 23:35	0° \mathfrak{Y}		minimum elong	-4702 Apr 13 j 20:44	15° \mathfrak{X} 56'33	0°26'58
superior conj	-4703 Apr 29 j 11:15	1° \mathfrak{Y} 02'53	0°50'27	max. Earth dist.	-4702 Apr 14 j 16:25	17° \mathfrak{X} 43'49	1.32831 AU
minimum elong	-4703 Apr 29 j 09:12	0° \mathfrak{Y} 51'49	0°50'03		-4702 Apr 20 j 10:13	0° \mathfrak{Y}	
max. Earth dist.	-4703 May 01 j 05:33	4° \mathfrak{Y} 49'56	1.33399 AU	evening rise	-4702 Apr 21 j 01:09	1° \mathfrak{Y} 17'19	
evening rise	-4703 May 06 j 21:18	16° \mathfrak{Y} 36'38			-4702 May 06 j 20:54	0° \mathfrak{X}	
	-4703 May 13 j 20:45	0° \mathfrak{X}		evening max el	-4702 May 22 j 06:46	19° \mathfrak{X} 38'59	27°06'32
	-4703 Jun 02 j 11:20	0° Π		desc. node	-4702 May 24 j 05:35	21° \mathfrak{X} 25'15	
desc. node	-4703 Jun 06 j 08:27	4° Π 28'21		retrograde	-4702 Jun 05 j 05:44	27° \mathfrak{X} 01'26	
evening max el	-4703 Jun 09 j 00:32	7° Π 11'37	27°25'22	evening set	-4702 Jun 12 j 03:28	24° \mathfrak{X} 50'24	
retrograde	-4703 Jun 22 j 18:13	14° Π 36'15		min. Earth dist.	-4702 Jun 15 j 20:11	22° \mathfrak{X} 03'59	0.61367 AU
evening set	-4703 Jun 29 j 21:35	12° Π 00'07		inferior conj	-4702 Jun 19 j 01:07	19° \mathfrak{X} 13'01	-4°12'14
min. Earth dist.	-4703 Jul 03 j 11:52	8° Π 53'28	0.63244 AU	minimum elong	-4702 Jun 19 j 02:27	19° \mathfrak{X} 10'01	4°11'59
inferior conj	-4703 Jul 06 j 05:13	6° Π 08'38	-3°52'57				

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning rise	-4702 Jun 26 j 03:02	14° U 19'48		evening set	-4701 May 24 j 13:15	7° U 07'26	
direct	-4702 Jun 28 j 16:39	13° U 52'18		min. Earth dist.	-4701 May 28 j 19:46	4° U 24'48	0.59326 AU
morning max el	-4702 Jul 05 j 15:01	17° U 18'41	18°01'44	inferior conj	-4701 Jun 01 j 04:57	1° U 48'06	-4°09'59
asc. node	-4702 Jul 08 j 05:53	20° U 14'41		minimum elong	-4701 Jun 01 j 03:17	1° U 51'22	4°09'45
	-4702 Jul 14 j 16:06	0° II			-4701 Jun 03 j 14:41	30° R Y	
morning set	-4702 Jul 21 j 17:12	12° II 38'59		morning rise	-4701 Jun 08 j 19:47	27° Y 16'44	
	-4702 Jul 31 j 07:29	0° E		direct	-4701 Jun 11 j 07:56	26° Y 54'42	
					-4701 Jun 18 j 09:04	0° U	
superior conj	-4702 Aug 01 j 03:23	1° E 27'17	1°40'19	morning max el	-4701 Jun 19 j 00:34	0° U 35'17	18°25'23
minimum elong	-4702 Aug 01 j 06:57	1° E 42'56	1°40'20	asc. node	-4701 Jun 25 j 02:53	8° U 17'38	
max. Earth dist.	-4702 Aug 08 j 14:13	14° E 09'15	1.42071 AU	morning set	-4701 Jul 05 j 03:40	26° U 12'02	
evening rise	-4702 Aug 14 j 23:52	24° E 33'07			-4701 Jul 07 j 03:18	0° II	
	-4702 Aug 18 j 10:57	0° Q					
desc. node	-4702 Aug 20 j 04:35	2° Q 41'13		superior conj	-4701 Jul 14 j 09:21	13° II 40'37	1°49'00
	-4702 Sep 08 j 00:58	0° P		minimum elong	-4701 Jul 14 j 10:07	13° II 44'09	1°49'13
evening max el	-4702 Sep 16 j 10:21	10° P 01'54	22°05'56	max. Earth dist.	-4701 Jul 21 j 18:20	26° II 51'09	1.40215 AU
retrograde	-4702 Sep 25 j 17:34	15° P 33'19			-4701 Jul 23 j 14:22	0° E	
evening set	-4702 Sep 30 j 04:08	13° P 46'43		evening rise	-4701 Jul 26 j 07:07	4° E 32'12	
asc. node	-4702 Oct 04 j 04:55	9° P 16'33		desc. node	-4701 Aug 07 j 01:34	23° E 10'12	
inferior conj	-4702 Oct 05 j 11:40	7° P 31'21	0°26'12		-4701 Aug 11 j 16:21	0° Q	
minimum elong	-4702 Oct 05 j 11:04	7° P 33'27	0°26'03	evening max el	-4701 Aug 30 j 00:04	23° Q 26'58	23°26'18
min. Earth dist.	-4702 Oct 05 j 13:51	7° P 23'50	0.67345 AU	retrograde	-4701 Sep 09 j 10:27	29° Q 37'27	
morning rise	-4702 Oct 10 j 17:52	1° P 16'25		evening set	-4701 Sep 14 j 11:05	27° Q 31'03	
	-4702 Oct 12 j 15:52	30° R Q		inferior conj	-4701 Sep 19 j 18:14	21° Q 12'45	-0°27'05
direct	-4702 Oct 15 j 10:52	29° Q 19'54		minimum elong	-4701 Sep 19 j 18:52	21° Q 10'37	0°26'39
	-4702 Oct 18 j 10:34	0° P		min. Earth dist.	-4701 Sep 19 j 10:12	21° Q 40'20	0.67374 AU
morning max el	-4702 Oct 25 j 05:49	5° P 10'10	22°42'08	asc. node	-4701 Sep 21 j 02:04	19° Q 24'55	
	-4702 Nov 13 j 05:24	0° U		morning rise	-4701 Sep 25 j 02:34	15° Q 01'30	
desc. node	-4702 Nov 16 j 04:37	4° U 25'11		direct	-4701 Sep 29 j 05:51	13° Q 25'52	
morning set	-4702 Nov 28 j 02:35	23° U 07'06		morning max el	-4701 Oct 07 j 21:51	18° Q 33'27	21°20'15
	-4702 Dec 02 j 05:54	0° M			-4701 Oct 17 j 04:53	0° P	
max. Earth dist.	-4702 Dec 03 j 05:24	1° M 39'44	1.40381 AU	desc. node	-4701 Nov 03 j 01:31	24° P 48'03	
					-4701 Nov 06 j 09:56	0° U	
superior conj	-4702 Dec 10 j 23:21	15° M 16'36	-1°52'55	morning set	-4701 Nov 07 j 15:01	1° U 54'04	
minimum elong	-4702 Dec 10 j 22:27	15° M 12'32	1°53'05	max. Earth dist.	-4701 Nov 15 j 08:15	14° U 17'25	1.42281 AU
	-4702 Dec 18 j 21:30	0° X					
evening rise	-4702 Dec 20 j 19:05	3° X 35'49		superior conj	-4701 Nov 22 j 13:34	26° U 24'11	-1°42'43
asc. node	-4702 Dec 31 j 03:39	22° X 04'57		minimum elong	-4701 Nov 22 j 09:10	26° U 05'17	1°42'32
evening max el	-4701 Jan 06 j 01:10	29° X 39'59	18°22'33		-4701 Nov 24 j 15:32	0° M	
	-4701 Jan 06 j 09:35	0° Z		evening rise	-4701 Dec 03 j 19:40	16° M 20'24	
retrograde	-4701 Jan 13 j 09:37	3° Z 18'15			-4701 Dec 11 j 11:53	0° X	
evening set	-4701 Jan 15 j 22:46	2° Z 53'14		asc. node	-4701 Dec 18 j 00:46	9° X 56'13	
	-4701 Jan 21 j 00:25	30° R X		evening max el	-4701 Dec 20 j 11:15	12° X 42'19	18°08'23
inferior conj	-4701 Jan 23 j 04:39	28° X 14'59	3°59'50	retrograde	-4701 Dec 27 j 05:33	16° X 11'12	
minimum elong	-4701 Jan 23 j 06:16	28° X 11'36	3°59'30	evening set	-4701 Dec 29 j 21:24	15° X 39'07	
min. Earth dist.	-4701 Jan 26 j 13:13	25° X 28'37	0.59344 AU	inferior conj	-4700 Jan 05 j 14:17	10° X 39'30	4°03'43
morning rise	-4701 Jan 30 j 11:49	22° X 46'47		minimum elong	-4700 Jan 05 j 13:15	10° X 41'59	4°03'27
direct	-4701 Feb 05 j 21:43	20° X 58'24		min. Earth dist.	-4700 Jan 08 j 15:24	7° X 45'41	0.61335 AU
desc. node	-4701 Feb 12 j 04:12	22° X 35'28		morning rise	-4700 Jan 12 j 03:51	4° X 55'03	
morning max el	-4701 Feb 20 j 03:11	28° X 32'42	26°54'17	direct	-4700 Jan 19 j 03:15	2° X 31'47	
	-4701 Feb 21 j 13:53	0° Z		desc. node	-4700 Jan 30 j 01:17	7° X 23'41	
	-4701 Mar 14 j 05:37	0° W		morning max el	-4700 Feb 02 j 04:36	10° X 13'03	27°34'47
morning set	-4701 Mar 22 j 08:11	15° W 53'15			-4700 Feb 17 j 15:12	0° Z	
	-4701 Mar 28 j 21:49	0° H			-4700 Mar 05 j 07:39	0° W	
				morning set	-4700 Mar 05 j 14:49	0° W 36'42	
superior conj	-4701 Mar 29 j 09:38	1° H 04'40	0°02'52	max. Earth dist.	-4700 Mar 11 j 18:09	13° W 37'30	1.32712 AU
minimum elong	-4701 Mar 29 j 09:31	1° H 04'01	0°02'42				
behind sun begin	-4701 Mar 29 j 04:34	0° H 36'59		superior conj	-4700 Mar 12 j 20:49	16° W 02'29	-0°22'03
behind sun end	-4701 Mar 29 j 14:27	1° H 31'02		minimum elong	-4700 Mar 12 j 21:48	16° W 07'51	0°22'01
max. Earth dist.	-4701 Mar 29 j 05:53	0° H 44'09	1.32599 AU	asc. node	-4700 Mar 15 j 00:04	20° W 41'49	
asc. node	-4701 Mar 29 j 03:04	0° H 28'44			-4700 Mar 19 j 07:39	0° H	
evening rise	-4701 Apr 05 j 09:33	16° H 10'02		evening rise	-4700 Mar 19 j 20:29	1° H 07'47	
	-4701 Apr 12 j 08:58	0° Y			-4700 Apr 04 j 19:19	0° Y	
	-4701 May 02 j 21:07	0° U		evening max el	-4700 Apr 15 j 01:22	12° Y 30'28	24°58'04
evening max el	-4701 May 04 j 06:57	1° U 24'00	26°15'29	desc. node	-4700 Apr 26 j 23:55	19° Y 27'43	
desc. node	-4701 May 11 j 02:44	6° U 37'11		retrograde	-4700 Apr 29 j 02:12	19° Y 37'59	
retrograde	-4701 May 18 j 09:06	8° U 42'31		evening set	-4700 May 04 j 01:48	18° Y 40'48	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

min. Earth dist.	-4700 May 09 j 13:44	15° Υ 45'46	0.57399 AU	inferior conj	-4699 Apr 23 j 02:26	25° X 01'28	-2°23'55
inferior conj	-4700 May 12 j 13:34	13° Υ 45'26	-3°36'25	minimum elong	-4699 Apr 22 j 20:59	25° X 09'36	2°22'24
minimum elong	-4700 May 12 j 08:44	13° Υ 53'36	3°35'30	morning rise	-4699 May 01 j 21:59	21° X 02'06	
morning rise	-4700 May 20 j 18:48	9° Υ 33'39		direct	-4699 May 04 j 09:08	20° X 47'00	
direct	-4700 May 23 j 05:42	9° Υ 16'04		morning max el	-4699 May 14 j 20:13	25° X 39'23	20°13'18
morning max el	-4700 Jun 01 j 03:10	13° Υ 25'16	19°09'13		-4699 May 18 j 19:05	0° Υ	
asc. node	-4700 Jun 10 j 23:53	27° Υ 01'54		asc. node	-4699 May 28 j 20:52	16° Υ 17'42	
	-4700 Jun 12 j 15:37	0° X		morning set	-4699 Jun 02 j 04:13	24° Υ 48'18	
morning set	-4700 Jun 18 j 00:20	10° X 17'41			-4699 Jun 04 j 17:17	0° X	
superior conj	-4700 Jun 26 j 09:42	26° X 50'35	1°47'07	superior conj	-4699 Jun 09 j 23:22	10° X 42'54	1°37'26
minimum elong	-4700 Jun 26 j 08:23	26° X 44'14	1°47'16	minimum elong	-4699 Jun 09 j 20:56	10° X 30'40	1°37'23
	-4700 Jun 28 j 01:10	0° II		max. Earth dist.	-4699 Jun 15 j 00:25	20° X 39'09	1.36482 AU
max. Earth dist.	-4700 Jul 02 j 19:32	8° II 52'58	1.38273 AU	evening rise	-4699 Jun 19 j 01:46	28° X 16'28	
evening rise	-4700 Jul 06 j 16:53	15° II 49'18			-4699 Jun 20 j 00:27	0° II	
	-4700 Jul 15 j 04:14	0° X			-4699 Jul 08 j 11:14	0° X	
desc. node	-4700 Jul 23 j 22:36	13° X 25'21		desc. node	-4699 Jul 10 j 19:41	3° X 20'15	
	-4700 Aug 05 j 05:42	0° Ω		evening max el	-4699 Jul 24 j 21:49	20° X 26'07	25°57'05
evening max el	-4700 Aug 11 j 11:02	6° Ω 54'58	24°46'00	retrograde	-4699 Aug 06 j 07:56	27° X 33'15	
retrograde	-4700 Aug 22 j 23:29	13° Ω 38'55		evening set	-4699 Aug 12 j 14:11	24° X 53'05	
evening set	-4700 Aug 28 j 15:06	11° Ω 13'45		min. Earth dist.	-4699 Aug 16 j 19:36	20° X 15'11	0.66501 AU
min. Earth dist.	-4700 Sep 02 j 04:57	5° Ω 58'07	0.67101 AU	inferior conj	-4699 Aug 18 j 01:55	18° X 39'08	-2°10'02
inferior conj	-4700 Sep 02 j 23:35	4° Ω 56'01	-1°19'44	minimum elong	-4699 Aug 18 j 04:47	18° X 30'04	2°08'47
minimum elong	-4700 Sep 03 j 01:25	4° Ω 49'55	1°18'47	morning rise	-4699 Aug 23 j 19:29	12° X 44'49	
asc. node	-4700 Sep 06 j 23:12	0° Ω 08'24		asc. node	-4699 Aug 24 j 20:18	12° X 12'05	
	-4700 Sep 07 j 02:42	30° X		direct	-4699 Aug 27 j 01:37	11° X 43'36	
morning rise	-4700 Sep 08 j 11:44	28° X 51'32		morning max el	-4699 Sep 03 j 02:39	15° X 43'47	19°10'39
direct	-4700 Sep 12 j 03:18	27° X 34'36			-4699 Sep 13 j 18:32	0° Ω	
	-4700 Sep 17 j 14:50	0° Ω		morning set	-4699 Sep 25 j 21:51	18° Ω 54'02	
morning max el	-4700 Sep 19 j 20:48	2° Ω 04'31	20°08'30		-4699 Oct 02 j 23:22	0° X	
	-4700 Oct 09 j 23:47	0° X		desc. node	-4699 Oct 06 j 19:20	6° X 01'34	
morning set	-4700 Oct 16 j 13:38	10° X 07'05		max. Earth dist.	-4699 Oct 10 j 09:59	11° X 43'08	1.44631 AU
desc. node	-4700 Oct 19 j 22:25	15° X 21'17					
max. Earth dist.	-4700 Oct 27 j 18:08	27° X 42'42	1.43763 AU	superior conj	-4699 Oct 12 j 10:30	14° X 55'03	-0°35'03
	-4700 Oct 29 j 04:22	0° X		minimum elong	-4699 Oct 12 j 06:08	14° X 37'45	0°34'25
					-4699 Oct 21 j 20:46	0° X	
superior conj	-4700 Nov 02 j 00:41	6° X 14'07	-1°16'39	evening rise	-4699 Oct 27 j 12:18	9° X 11'48	
minimum elong	-4700 Nov 01 j 17:58	5° X 46'40	1°15'57		-4699 Nov 09 j 09:37	0° X	
evening rise	-4700 Nov 15 j 02:57	28° X 15'17		evening max el	-4699 Nov 16 j 12:12	9° X 21'15	18°36'53
	-4700 Nov 16 j 03:16	0° X		asc. node	-4699 Nov 20 j 19:04	12° X 33'40	
evening max el	-4700 Dec 02 j 23:50	25° X 57'55	18°13'30	retrograde	-4699 Nov 23 j 04:24	13° X 04'49	
asc. node	-4700 Dec 03 j 21:55	26° X 50'43		evening set	-4699 Nov 26 j 04:36	12° X 14'13	
retrograde	-4700 Dec 09 j 13:08	29° X 29'10		inferior conj	-4699 Dec 02 j 02:47	6° X 36'24	3°15'14
evening set	-4700 Dec 12 j 08:27	28° X 48'41		minimum elong	-4699 Dec 01 j 23:34	6° X 45'58	3°14'18
inferior conj	-4700 Dec 18 j 14:53	23° X 28'49	3°46'33	min. Earth dist.	-4699 Dec 03 j 23:56	4° X 22'56	0.64692 AU
minimum elong	-4700 Dec 18 j 12:14	23° X 35'58	3°45'57	morning rise	-4699 Dec 07 j 18:08	0° X 31'39	
min. Earth dist.	-4700 Dec 21 j 02:44	20° X 48'21	0.63167 AU		-4699 Dec 08 j 09:52	30° X	
morning rise	-4700 Dec 24 j 15:18	17° X 32'51		direct	-4699 Dec 14 j 13:19	27° X 40'49	
direct	-4700 Dec 31 j 16:56	14° X 48'04			-4699 Dec 21 j 09:38	0° X	
morning max el	-4699 Jan 14 j 11:04	22° X 30'59	27°39'16	morning max el	-4699 Dec 27 j 20:19	5° X 18'39	27°09'50
desc. node	-4699 Jan 15 j 22:19	24° X 00'40		desc. node	-4698 Jan 02 j 19:21	11° X 55'30	
	-4699 Jan 21 j 03:16	0° X			-4698 Jan 15 j 18:52	0° X	
	-4699 Feb 09 j 18:27	0° X		morning set	-4698 Feb 01 j 07:01	28° X 48'06	
morning set	-4699 Feb 17 j 15:26	14° X 58'16			-4698 Feb 01 j 21:46	0° X	
max. Earth dist.	-4699 Feb 23 j 01:22	26° X 10'00	1.33194 AU	max. Earth dist.	-4698 Feb 05 j 23:54	8° X 11'25	1.34088 AU
	-4699 Feb 24 j 20:27	0° \approx					
				superior conj	-4698 Feb 09 j 10:23	15° X 19'40	-1°09'26
superior conj	-4699 Feb 25 j 05:43	0° \approx 49'41	-0°46'30	minimum elong	-4698 Feb 09 j 13:09	15° X 34'14	1°09'13
minimum elong	-4699 Feb 25 j 07:43	1° \approx 00'27	0°46'19		-4698 Feb 16 j 08:53	0° \approx	
asc. node	-4699 Mar 01 j 21:05	10° \approx 49'47		evening rise	-4698 Feb 16 j 18:38	0° \approx 50'57	
evening rise	-4699 Mar 04 j 08:06	16° \approx 03'32		asc. node	-4698 Feb 16 j 18:06	0° \approx 48'11	
	-4699 Mar 11 j 08:21	0° X			-4698 Mar 05 j 18:33	0° X	
evening max el	-4699 Mar 27 j 17:34	23° X 15'58	23°25'59	evening max el	-4698 Mar 09 j 13:18	4° X 06'01	21°53'05
retrograde	-4699 Apr 10 j 06:26	29° X 57'43		retrograde	-4698 Mar 21 j 23:09	10° X 05'19	
evening set	-4699 Apr 13 j 22:36	29° X 28'09		evening set	-4698 Mar 24 j 16:46	9° X 48'40	
desc. node	-4699 Apr 13 j 21:05	29° X 29'08		desc. node	-4698 Mar 31 j 18:16	7° X 00'07	
min. Earth dist.	-4699 Apr 21 j 04:53	26° X 09'13	0.55930 AU	inferior conj	-4698 Apr 03 j 00:51	5° X 44'21	-0°37'32

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4698 Apr 02 j 23:07	5° H 46'48	0°37'03	inferior conj	-4697 Mar 13 j 21:18	16° \approx 19'24	1°17'20
min. Earth dist.	-4698 Apr 02 j 18:55	5° H 52'43	0.55228 AU	minimum elong	-4697 Mar 14 j 00:37	16° \approx 14'33	1°16'04
morning rise	-4698 Apr 12 j 06:17	1° H 43'52		min. Earth dist.	-4697 Mar 15 j 09:01	15° \approx 27'11	0.55442 AU
direct	-4698 Apr 14 j 23:36	1° H 27'20		desc. node	-4697 Mar 18 j 15:25	13° \approx 40'34	
morning max el	-4698 Apr 27 j 02:19	7° H 11'49	21°35'53	morning rise	-4697 Mar 23 j 01:45	11° \approx 59'52	
	-4698 May 12 j 17:26	0° Y		direct	-4697 Mar 26 j 12:49	11° \approx 33'47	
asc. node	-4698 May 15 j 17:50	5° Y 56'33		morning max el	-4697 Apr 08 j 22:52	18° \approx 07'55	23°11'31
morning set	-4698 May 17 j 12:47	9° Y 36'12			-4697 Apr 18 j 13:54	0° H	
				morning set	-4697 May 02 j 00:07	24° H 35'16	
superior conj	-4698 May 24 j 22:19	25° Y 05'21	1°22'09	asc. node	-4697 May 02 j 14:48	25° H 52'17	
minimum elong	-4698 May 24 j 19:36	24° Y 51'09	1°21'52		-4697 May 04 j 13:33	0° Y	
	-4698 May 27 j 07:26	0° B					
max. Earth dist.	-4698 May 28 j 13:57	2° B 35'01	1.34996 AU	superior conj	-4697 May 09 j 03:37	9° Y 48'58	1°02'52
evening rise	-4698 Jun 02 j 04:13	11° B 37'48		minimum elong	-4697 May 09 j 01:11	9° Y 36'02	1°02'29
	-4698 Jun 12 j 10:16	0° II		max. Earth dist.	-4697 May 11 j 13:18	14° Y 54'25	1.33875 AU
desc. node	-4698 Jun 27 j 16:46	22° II 45'23		evening rise	-4697 May 16 j 19:26	25° Y 39'29	
	-4698 Jul 03 j 15:56	0° E			-4697 May 19 j 00:44	0° B	
evening max el	-4698 Jul 07 j 09:05	3° E 53'17	26°51'23		-4697 Jun 05 j 20:16	0° II	
retrograde	-4698 Jul 20 j 11:13	11° E 13'20		desc. node	-4697 Jun 14 j 13:52	11° II 28'09	
evening set	-4698 Jul 27 j 05:58	8° E 25'19		evening max el	-4697 Jun 19 j 19:56	17° II 06'15	27°21'20
min. Earth dist.	-4698 Jul 31 j 03:42	4° E 26'06	0.65537 AU	retrograde	-4697 Jul 03 j 09:07	24° II 31'21	
inferior conj	-4698 Aug 01 j 23:09	2° E 18'04	-2°56'04	evening set	-4697 Jul 10 j 11:30	21° II 46'37	
minimum elong	-4698 Aug 02 j 02:40	2° E 07'40	2°54'48	min. Earth dist.	-4697 Jul 14 j 03:19	18° II 23'11	0.64187 AU
	-4698 Aug 03 j 23:28	30° R II		inferior conj	-4697 Jul 16 j 12:54	15° II 48'33	-3°35'08
morning rise	-4698 Aug 07 j 23:43	26° II 37'13		minimum elong	-4697 Jul 16 j 16:26	15° II 39'02	3°34'09
direct	-4698 Aug 10 j 22:38	25° II 48'43		morning rise	-4697 Jul 22 j 22:03	10° II 24'18	
asc. node	-4698 Aug 11 j 17:22	25° II 52'05		direct	-4697 Jul 25 j 15:53	9° II 45'44	
morning max el	-4698 Aug 17 j 13:51	29° II 27'56	18°28'41	asc. node	-4697 Jul 29 j 14:25	11° II 04'30	
	-4698 Aug 18 j 02:10	0° E		morning max el	-4697 Aug 01 j 04:05	13° II 12'46	18°03'49
morning set	-4698 Sep 06 j 06:48	28° E 53'57			-4697 Aug 12 j 19:00	0° E	
	-4698 Sep 06 j 23:01	0° Ω		morning set	-4697 Aug 18 j 18:23	10° E 09'46	
					-4697 Aug 30 j 14:50	0° Ω	
superior conj	-4698 Sep 21 j 09:50	23° Ω 10'19	0°14'17				
minimum elong	-4698 Sep 21 j 11:42	23° Ω 17'39	0°14'11	superior conj	-4697 Aug 31 j 21:34	2° Ω 05'10	0°58'32
behind sun begin	-4698 Sep 21 j 06:03	22° Ω 55'21		minimum elong	-4697 Sep 01 j 03:19	2° Ω 28'27	0°58'04
behind sun end	-4698 Sep 21 j 17:20	23° Ω 39'56		max. Earth dist.	-4697 Sep 05 j 21:07	10° Ω 05'52	1.44195 AU
max. Earth dist.	-4698 Sep 23 j 04:15	25° Ω 57'49	1.44775 AU	desc. node	-4697 Sep 10 j 13:09	17° Ω 28'49	
desc. node	-4698 Sep 23 j 16:15	26° Ω 45'05		evening rise	-4697 Sep 17 j 07:00	27° Ω 59'11	
	-4698 Sep 25 j 17:44	0° H			-4697 Sep 18 j 14:17	0° H	
evening rise	-4698 Oct 07 j 20:31	19° H 03'28			-4697 Oct 08 j 21:09	0° Ω	
	-4698 Oct 14 j 19:28	0° Ω		evening max el	-4697 Oct 14 j 02:25	6° Ω 13'55	20°13'24
greatest brilliancy	-4698 Oct 17 j 12:22	4° Ω 13'10	-0.8m	retrograde	-4697 Oct 21 j 21:12	10° Ω 48'08	
evening max el	-4698 Oct 30 j 21:46	22° Ω 47'37	19°17'26	evening set	-4697 Oct 25 j 13:04	9° Ω 30'18	
retrograde	-4698 Nov 07 j 00:01	26° Ω 52'36		asc. node	-4697 Oct 25 j 13:18	9° Ω 29'53	
asc. node	-4698 Nov 07 j 16:11	26° Ω 49'59		inferior conj	-4697 Oct 31 j 00:26	3° Ω 26'08	1°47'27
evening set	-4698 Nov 10 j 06:57	25° Ω 49'39		minimum elong	-4697 Oct 30 j 22:07	3° Ω 33'51	1°46'35
inferior conj	-4698 Nov 15 j 22:51	19° Ω 56'56	2°34'28	min. Earth dist.	-4697 Oct 31 j 19:34	2° Ω 22'04	0.66679 AU
minimum elong	-4698 Nov 15 j 19:50	20° Ω 06'33	2°33'26		-4697 Nov 02 j 15:40	30° R H	
min. Earth dist.	-4698 Nov 17 j 06:12	18° Ω 17'07	0.65857 AU	morning rise	-4697 Nov 05 j 06:59	27° H 11'06	
morning rise	-4698 Nov 21 j 08:27	13° Ω 45'47		direct	-4697 Nov 10 j 23:40	24° H 42'10	
direct	-4698 Nov 27 j 15:42	11° Ω 01'35			-4697 Nov 20 j 22:34	0° Ω	
morning max el	-4698 Dec 10 j 06:02	18° Ω 24'32	26°12'49	morning max el	-4697 Nov 22 j 14:58	1° Ω 37'26	24°56'49
	-4698 Dec 20 j 02:40	0° M		desc. node	-4697 Dec 07 j 13:16	20° Ω 13'29	
desc. node	-4698 Dec 20 j 16:20	0° M 45'20			-4697 Dec 14 j 04:24	0° M	
	-4697 Jan 08 j 18:18	0° X		morning set	-4697 Dec 28 j 17:55	24° M 00'56	
morning set	-4697 Jan 15 j 09:38	11° X 54'20			-4696 Jan 01 j 01:25	0° X	
max. Earth dist.	-4697 Jan 19 j 11:10	19° X 39'34	1.35421 AU	max. Earth dist.	-4696 Jan 01 j 11:43	0° X 47'23	1.37169 AU
superior conj	-4697 Jan 24 j 08:27	29° X 25'09	-1°29'28	superior conj	-4696 Jan 07 j 20:50	12° X 56'16	-1°44'47
minimum elong	-4697 Jan 24 j 11:30	29° X 40'37	1°29'21	minimum elong	-4696 Jan 07 j 23:18	13° X 08'23	1°44'51
	-4697 Jan 24 j 15:17	0° Z		evening rise	-4696 Jan 16 j 04:52	29° X 35'22	
evening rise	-4697 Feb 01 j 02:17	15° Z 24'02			-4696 Jan 16 j 09:48	0° Z	
asc. node	-4697 Feb 03 j 15:08	20° Z 32'08		asc. node	-4696 Jan 21 j 12:11	9° Z 54'58	
	-4697 Feb 08 j 15:05	0° \approx		evening max el	-4696 Feb 02 j 08:29	27° Z 15'01	19°25'30
evening max el	-4697 Feb 19 j 17:39	15° \approx 22'58	20°30'48		-4696 Feb 05 j 22:25	0° \approx	
retrograde	-4697 Mar 02 j 13:29	20° \approx 31'22		retrograde	-4696 Feb 11 j 13:08	1° \approx 37'02	
evening set	-4697 Mar 04 j 22:05	20° \approx 17'44		evening set	-4696 Feb 13 j 21:54	1° \approx 20'59	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4696 Feb 17 j 13:53	30° $\text{R}\overline{3}$		evening set	-4695 Jan 25 j 17:46	13° $\text{Z}\overline{08'28}$	
inferior conj	-4696 Feb 22 j 05:14	27° $\text{Z}\overline{13'37}$	2°49'38	inferior conj	-4695 Feb 02 j 08:23	8° $\text{Z}\overline{42'49}$	3°44'31
minimum elong	-4696 Feb 22 j 10:21	27° $\text{Z}\overline{05'12}$	2°48'09	minimum elong	-4695 Feb 02 j 11:42	8° $\text{Z}\overline{36'29}$	3°43'50
min. Earth dist.	-4696 Feb 24 j 23:49	25° $\text{Z}\overline{24'45}$	0.56524 AU	min. Earth dist.	-4695 Feb 05 j 16:34	6° $\text{Z}\overline{11'13}$	0.58229 AU
morning rise	-4696 Mar 01 j 20:11	22° $\text{Z}\overline{24'34}$		morning rise	-4695 Feb 10 j 03:17	3° $\text{Z}\overline{27'03}$	
desc. node	-4696 Mar 04 j 12:33	21° $\text{Z}\overline{44'03}$		direct	-4695 Feb 16 j 00:27	2° $\text{Z}\overline{01'02}$	
direct	-4696 Mar 06 j 11:58	21° $\text{Z}\overline{34'59}$		desc. node	-4695 Feb 19 j 09:41	2° $\text{Z}\overline{29'10}$	
morning max el	-4696 Mar 20 j 14:11	28° $\text{Z}\overline{44'38}$	24°49'41	morning max el	-4695 Mar 02 j 06:17	9° $\text{Z}\overline{29'15}$	26°15'44
	-4696 Mar 21 j 20:31	0° $\text{R}\overline{\infty}$			-4695 Mar 17 j 20:21	0° $\text{R}\overline{\infty}$	
	-4696 Apr 10 j 18:18	0° $\text{H}\overline{\infty}$		morning set	-4695 Mar 30 j 23:55	24° $\text{R}\overline{\infty}39'10$	
morning set	-4696 Apr 15 j 12:23	9° $\text{H}\overline{38'19}$			-4695 Apr 02 j 12:20	0° $\text{H}\overline{\infty}$	
asc. node	-4696 Apr 18 j 11:46	15° $\text{H}\overline{58'38}$		asc. node	-4695 Apr 05 j 08:45	6° $\text{H}\overline{11'01}$	
superior conj	-4696 Apr 22 j 12:53	24° $\text{H}\overline{45'05}$	0°40'51	superior conj	-4695 Apr 07 j 00:14	9° $\text{H}\overline{46'48}$	0°17'02
minimum elong	-4696 Apr 22 j 11:10	24° $\text{H}\overline{35'48}$	0°40'28	minimum elong	-4695 Apr 06 j 23:29	9° $\text{H}\overline{42'45}$	0°16'46
max. Earth dist.	-4696 Apr 23 j 20:41	27° $\text{H}\overline{37'06}$	1.33113 AU	max. Earth dist.	-4695 Apr 07 j 08:59	10° $\text{H}\overline{34'38}$	1.32696 AU
	-4696 Apr 24 j 23:17	0° $\text{Y}\overline{\infty}$		evening rise	-4695 Apr 14 j 01:38	24° $\text{H}\overline{55'50}$	
evening rise	-4696 Apr 29 j 19:32	10° $\text{Y}\overline{08'48}$			-4695 Apr 16 j 13:15	0° $\text{Y}\overline{\infty}$	
	-4696 May 10 j 08:30	0° $\text{B}\overline{\infty}$			-4695 May 04 j 03:58	0° $\text{B}\overline{\infty}$	
desc. node	-4696 May 31 j 10:59	29° $\text{B}\overline{10'34}$		evening max el	-4695 May 14 j 08:27	12° $\text{B}\overline{03'31}$	26°48'34
evening max el	-4696 Jun 01 j 04:29	29° $\text{B}\overline{53'15}$	27°21'21	desc. node	-4695 May 18 j 08:09	15° $\text{B}\overline{27'06}$	
	-4696 Jun 01 j 07:19	0° $\text{II}\overline{\infty}$		retrograde	-4695 May 28 j 09:25	19° $\text{B}\overline{24'41}$	
retrograde	-4696 Jun 15 j 01:01	7° $\text{II}\overline{18'06}$		evening set	-4695 Jun 04 j 00:55	17° $\text{B}\overline{28'21}$	
evening set	-4696 Jun 22 j 03:13	4° $\text{II}\overline{50'46}$		min. Earth dist.	-4695 Jun 07 j 21:59	14° $\text{B}\overline{45'18}$	0.60500 AU
min. Earth dist.	-4696 Jun 25 j 17:22	1° $\text{II}\overline{54'34}$	0.62472 AU	inferior conj	-4695 Jun 11 j 05:47	11° $\text{B}\overline{57'50}$	-4°14'30
	-4696 Jun 27 j 17:24	30° $\text{R}\overline{B}$		minimum elong	-4695 Jun 11 j 05:58	11° $\text{B}\overline{57'27}$	4°14'21
inferior conj	-4696 Jun 28 j 16:16	29° $\text{B}\overline{04'38}$	-4°03'18	morning rise	-4695 Jun 18 j 12:58	7° $\text{B}\overline{13'40}$	
minimum elong	-4696 Jun 28 j 18:47	28° $\text{B}\overline{58'34}$	4°02'47	direct	-4695 Jun 21 j 01:48	6° $\text{B}\overline{48'40}$	
morning rise	-4696 Jul 05 j 11:36	23° $\text{B}\overline{59'29}$		morning max el	-4695 Jun 28 j 06:52	10° $\text{B}\overline{19'56}$	18°09'20
direct	-4696 Jul 08 j 02:11	23° $\text{B}\overline{28'33}$		asc. node	-4695 Jul 02 j 08:31	15° $\text{B}\overline{09'13}$	
morning max el	-4696 Jul 14 j 18:42	26° $\text{B}\overline{52'37}$	17°57'04		-4695 Jul 11 j 06:06	0° $\text{II}\overline{\infty}$	
asc. node	-4696 Jul 15 j 11:28	27° $\text{B}\overline{35'33}$		morning set	-4695 Jul 14 j 07:16	5° $\text{II}\overline{39'48}$	
	-4696 Jul 17 j 12:31	0° $\text{II}\overline{\infty}$					
morning set	-4696 Jul 31 j 04:21	22° $\text{II}\overline{29'44}$		superior conj	-4695 Jul 24 j 04:09	23° $\text{II}\overline{50'46}$	1°45'29
	-4696 Aug 04 j 09:26	0° $\text{E}\overline{\infty}$		minimum elong	-4695 Jul 24 j 06:29	24° $\text{II}\overline{01'16}$	1°45'37
					-4695 Jul 27 j 15:46	0° $\text{E}\overline{\infty}$	
superior conj	-4696 Aug 11 j 11:27	12° $\text{E}\overline{18'02}$	1°29'21	max. Earth dist.	-4695 Jul 31 j 17:03	6° $\text{E}\overline{56'58}$	1.41306 AU
minimum elong	-4696 Aug 11 j 16:32	12° $\text{E}\overline{39'35}$	1°29'09	evening rise	-4695 Aug 06 j 04:10	15° $\text{E}\overline{58'24}$	
max. Earth dist.	-4696 Aug 18 j 09:48	23° $\text{E}\overline{49'59}$	1.42983 AU	desc. node	-4695 Aug 14 j 07:03	28° $\text{E}\overline{44'27}$	
	-4696 Aug 22 j 05:38	0° $\text{Q}\overline{\infty}$			-4695 Aug 15 j 02:52	0° $\text{Q}\overline{\infty}$	
evening rise	-4696 Aug 26 j 10:46	6° $\text{Q}\overline{39'02}$			-4695 Sep 05 j 21:22	0° $\text{M}\overline{\infty}$	
desc. node	-4696 Aug 27 j 10:05	8° $\text{Q}\overline{09'53}$		evening max el	-4695 Sep 08 j 17:38	3° $\text{M}\overline{04'22}$	22°39'55
	-4696 Sep 10 j 22:20	0° $\text{M}\overline{\infty}$		retrograde	-4695 Sep 18 j 12:19	8° $\text{M}\overline{52'23}$	
evening max el	-4696 Sep 26 j 01:01	19° $\text{M}\overline{39'27}$	21°22'13	evening set	-4695 Sep 23 j 04:40	6° $\text{M}\overline{57'36}$	
retrograde	-4696 Oct 04 j 17:52	24° $\text{M}\overline{49'02}$		inferior conj	-4695 Sep 28 j 11:52	0° $\text{M}\overline{40'50}$	0°03'38
evening set	-4696 Oct 08 j 20:55	23° $\text{M}\overline{13'44}$		minimum elong	-4695 Sep 28 j 11:46	0° $\text{M}\overline{41'08}$	0°03'44
asc. node	-4696 Oct 11 j 10:27	20° $\text{M}\overline{40'42}$		transit middle	-4695 Sep 28 j 11:46	0° $\text{M}\overline{41'08}$	0°03'44
inferior conj	-4696 Oct 14 j 05:24	17° $\text{M}\overline{01'34}$	0°56'34	transit begin	-4695 Sep 28 j 09:09	0° $\text{M}\overline{50'12}$	
minimum elong	-4696 Oct 14 j 04:07	17° $\text{M}\overline{05'59}$	0°56'06	transit end	-4695 Sep 28 j 14:24	0° $\text{M}\overline{32'04}$	
min. Earth dist.	-4696 Oct 14 j 13:36	16° $\text{M}\overline{33'22}$	0.67184 AU	asc. node	-4695 Sep 28 j 07:36	0° $\text{M}\overline{55'31}$	
morning rise	-4696 Oct 19 j 11:08	10° $\text{M}\overline{45'37}$		min. Earth dist.	-4695 Sep 28 j 09:47	0° $\text{M}\overline{48'01}$	0.67391 AU
direct	-4696 Oct 24 j 12:41	8° $\text{M}\overline{36'33}$			-4695 Sep 28 j 23:42	30° $\text{R}\overline{Q}$	
morning max el	-4696 Nov 04 j 00:11	14° $\text{M}\overline{52'30}$	23°31'38	morning rise	-4695 Oct 03 j 18:44	24° $\text{Q}\overline{27'02}$	
	-4696 Nov 16 j 07:47	0° $\text{L}\overline{\infty}$		direct	-4695 Oct 08 j 05:48	22° $\text{Q}\overline{39'19}$	
desc. node	-4696 Nov 23 j 10:12	10° $\text{L}\overline{08'58}$		morning max el	-4695 Oct 17 j 12:41	28° $\text{Q}\overline{10'50}$	22°06'22
	-4696 Dec 06 j 03:34	0° $\text{M}\overline{\infty}$			-4695 Oct 19 j 05:41	0° $\text{M}\overline{\infty}$	
morning set	-4696 Dec 09 j 01:48	4° $\text{M}\overline{52'12}$		desc. node	-4695 Nov 10 j 07:05	0° $\text{L}\overline{23'18}$	
max. Earth dist.	-4696 Dec 13 j 07:21	12° $\text{M}\overline{08'07}$	1.39192 AU		-4695 Nov 10 j 00:58	0° $\text{L}\overline{\infty}$	
				morning set	-4695 Nov 19 j 05:04	14° $\text{L}\overline{19'22}$	
superior conj	-4696 Dec 20 j 19:30	25° $\text{M}\overline{42'37}$	-1°52'50	max. Earth dist.	-4695 Nov 25 j 06:18	24° $\text{L}\overline{14'30}$	1.41227 AU
minimum elong	-4696 Dec 20 j 20:14	25° $\text{M}\overline{46'01}$	1°53'02		-4695 Nov 28 j 15:52	0° $\text{M}\overline{\infty}$	
	-4696 Dec 23 j 02:11	0° $\text{X}\overline{\infty}$					
evening rise	-4696 Dec 29 j 23:56	13° $\text{X}\overline{18'47}$		superior conj	-4695 Dec 02 j 23:13	7° $\text{M}\overline{30'11}$	-1°50'23
asc. node	-4695 Jan 07 j 09:15	28° $\text{X}\overline{49'40}$		minimum elong	-4695 Dec 02 j 20:52	7° $\text{M}\overline{19'50}$	1°50'25
	-4695 Jan 08 j 02:11	0° $\text{Z}\overline{\infty}$		evening rise	-4695 Dec 13 j 08:16	26° $\text{M}\overline{26'42}$	
evening max el	-4695 Jan 15 j 08:51	9° $\text{Z}\overline{40'31}$	18°39'45		-4695 Dec 15 j 06:14	0° $\text{X}\overline{\infty}$	
retrograde	-4695 Jan 23 j 06:04	13° $\text{Z}\overline{29'50}$		asc. node	-4695 Dec 25 j 06:21	17° $\text{X}\overline{07'04}$	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening max el	-4695 Dec 29 j 16:12	22° ♊ 31'36	18°14'09		-4694 Dec 08 j 14:35	0° ♊	
retrograde	-4694 Jan 05 j 17:11	26° ♊ 03'55		asc. node	-4694 Dec 12 j 03:29	4° ♊ 35'42	
evening set	-4694 Jan 08 j 07:36	25° ♊ 35'53		evening max el	-4694 Dec 13 j 03:38	5° ♊ 39'58	18°08'15
inferior conj	-4694 Jan 15 j 07:37	20° ♊ 48'27	4°04'34	retrograde	-4694 Dec 19 j 18:43	9° ♊ 08'40	
minimum elong	-4694 Jan 15 j 08:01	20° ♊ 47'33	4°04'20	evening set	-4694 Dec 22 j 11:57	8° ♊ 33'04	
min. Earth dist.	-4694 Jan 18 j 14:05	17° ♊ 56'15	0.60203 AU	inferior conj	-4694 Dec 29 j 00:03	3° ♊ 24'17	3°58'35
morning rise	-4694 Jan 22 j 06:50	15° ♊ 13'00		minimum elong	-4694 Dec 28 j 22:12	3° ♊ 28'58	3°58'11
direct	-4694 Jan 29 j 00:09	13° ♊ 08'34		min. Earth dist.	-4694 Dec 31 j 19:46	0° ♊ 34'17	0.62140 AU
desc. node	-4694 Feb 06 j 06:48	15° ♊ 57'43			-4693 Jan 01 j 10:08	30° ♋	
morning max el	-4694 Feb 12 j 03:48	20° ♊ 45'36	27°15'46	morning rise	-4693 Jan 04 j 07:29	27° ♋ 34'30	
	-4694 Feb 20 j 04:28	0° ♋		direct	-4693 Jan 11 j 08:56	25° ♋ 00'38	
	-4694 Mar 10 j 14:54	0° ♋			-4693 Jan 22 j 07:54	0° ♋	
morning set	-4694 Mar 15 j 08:57	9° ♋ 31'30		desc. node	-4693 Jan 24 j 03:52	1° ♋ 36'26	
				morning max el	-4693 Jan 25 j 07:42	2° ♋ 42'42	27°41'16
superior conj	-4694 Mar 22 j 11:58	24° ♋ 48'11	-0°07'43		-4693 Feb 14 j 12:40	0° ♋	
minimum elong	-4694 Mar 22 j 12:19	24° ♋ 50'06	0°07'47	morning set	-4693 Feb 27 j 13:21	24° ♋ 06'59	
behind sun begin	-4694 Mar 22 j 07:55	24° ♋ 26'04			-4693 Mar 02 j 09:35	0° ♋	
behind sun end	-4694 Mar 22 j 16:42	25° ♋ 14'07		max. Earth dist.	-4693 Mar 05 j 09:23	6° ♋ 22'23	1.32872 AU
max. Earth dist.	-4694 Mar 21 j 22:33	23° ♋ 34'50	1.32611 AU				
asc. node	-4694 Mar 23 j 05:44	26° ♋ 25'21		superior conj	-4693 Mar 06 j 22:22	9° ♋ 42'17	-0°32'31
	-4694 Mar 24 j 21:01	0° ♌		minimum elong	-4693 Mar 06 j 23:48	9° ♋ 50'05	0°32'25
evening rise	-4694 Mar 29 j 11:25	9° ♌ 52'29		asc. node	-4693 Mar 10 j 02:43	16° ♋ 36'56	
	-4694 Apr 08 j 22:28	0° ♌		evening rise	-4693 Mar 13 j 22:51	24° ♋ 50'31	
evening max el	-4694 Apr 26 j 06:18	23° ♌ 32'37	25°45'12		-4693 Mar 16 j 10:37	0° ♌	
desc. node	-4694 May 05 j 05:21	29° ♌ 44'31			-4693 Apr 03 j 19:28	0° ♌	
	-4694 May 05 j 22:00	0° ♍		evening max el	-4693 Apr 07 j 23:03	4° ♌ 27'12	24°19'48
retrograde	-4694 May 10 j 08:28	0° ♍ 46'46		retrograde	-4693 Apr 21 j 20:03	11° ♌ 25'56	
	-4694 May 14 j 18:02	30° ♌ 46'46		desc. node	-4693 Apr 22 j 02:34	11° ♌ 25'46	
evening set	-4694 May 16 j 01:34	29° ♌ 28'31		evening set	-4693 Apr 26 j 06:18	10° ♌ 41'58	
min. Earth dist.	-4694 May 20 j 18:49	26° ♌ 42'21	0.58478 AU	min. Earth dist.	-4693 May 02 j 10:56	7° ♌ 38'21	0.56705 AU
inferior conj	-4694 May 24 j 01:52	24° ♌ 18'57	-4°00'10	inferior conj	-4693 May 05 j 01:53	5° ♌ 58'46	-3°10'34
minimum elong	-4694 May 23 j 22:44	24° ♌ 24'42	3°59'44	minimum elong	-4693 May 04 j 20:18	6° ♌ 07'41	3°09'17
morning rise	-4694 May 31 j 22:38	19° ♌ 56'08		morning rise	-4693 May 13 j 13:26	1° ♌ 53'52	
direct	-4694 Jun 03 j 10:23	19° ♌ 35'59		direct	-4693 May 16 j 00:15	1° ♌ 37'36	
morning max el	-4694 Jun 11 j 13:47	23° ♌ 26'51	18°41'30	morning max el	-4693 May 25 j 12:37	6° ♌ 02'53	19°34'03
	-4694 Jun 16 j 23:03	0° ♍		asc. node	-4693 Jun 06 j 02:31	22° ♌ 30'37	
asc. node	-4694 Jun 19 j 05:32	3° ♍ 31'44			-4693 Jun 10 j 01:01	0° ♍	
morning set	-4694 Jun 27 j 22:35	19° ♍ 28'51		morning set	-4693 Jun 11 j 22:39	3° ♍ 46'21	
	-4694 Jul 03 j 08:40	0° ♎					
superior conj	-4694 Jul 06 j 18:42	6° ♎ 30'46	1°49'19	superior conj	-4693 Jun 20 j 01:19	20° ♍ 00'50	1°43'49
minimum elong	-4694 Jul 06 j 18:28	6° ♎ 29'41	1°49'32	minimum elong	-4693 Jun 19 j 23:25	19° ♍ 51'29	1°43'54
max. Earth dist.	-4694 Jul 13 j 19:56	19° ♎ 22'59	1.39391 AU	max. Earth dist.	-4693 Jun 25 j 05:54	0° ♎	
evening rise	-4694 Jul 17 j 22:53	26° ♎ 31'24		evening rise	-4693 Jun 25 j 22:06	1° ♎ 15'46	1.37484 AU
	-4694 Jul 20 j 00:30	0° ♏			-4693 Jun 29 j 19:06	8° ♎ 19'50	
desc. node	-4694 Aug 01 j 04:04	19° ♏ 08'37		desc. node	-4693 Jul 12 j 19:51	0° ♏	
	-4694 Aug 08 j 17:35	0° ♏		evening max el	-4693 Jul 19 j 01:08	9° ♏ 16'21	
evening max el	-4694 Aug 22 j 05:59	16° ♏ 31'03	24°00'44		-4693 Aug 04 j 16:30	0° ♏ 00'13	25°17'40
retrograde	-4694 Sep 02 j 03:30	22° ♏ 55'59			-4693 Aug 04 j 16:24	0° ♏	
evening set	-4694 Sep 07 j 10:35	20° ♏ 41'15		retrograde	-4693 Aug 16 j 14:40	6° ♏ 55'28	
min. Earth dist.	-4694 Sep 12 j 05:39	15° ♏ 05'20	0.67303 AU	evening set	-4693 Aug 22 j 12:46	4° ♏ 22'56	
inferior conj	-4694 Sep 12 j 18:07	14° ♏ 23'02	-0°49'35		-4693 Aug 26 j 11:30	30° ♏	
minimum elong	-4694 Sep 12 j 19:15	14° ♏ 19'09	0°48'55	min. Earth dist.	-4693 Aug 26 j 22:51	29° ♏ 23'22	0.66892 AU
asc. node	-4694 Sep 15 j 04:45	11° ♏ 11'43		inferior conj	-4693 Aug 27 j 22:23	28° ♏ 06'24	-1°41'28
morning rise	-4694 Sep 18 j 03:53	8° ♏ 14'29		minimum elong	-4693 Aug 28 j 00:41	27° ♏ 58'54	1°40'22
direct	-4694 Sep 22 j 02:00	6° ♏ 47'04		asc. node	-4693 Sep 02 j 01:52	22° ♏ 25'23	
morning max el	-4694 Sep 30 j 07:33	11° ♏ 37'09	20°48'13	morning rise	-4693 Sep 02 j 12:40	22° ♏ 06'09	
	-4694 Oct 14 j 08:33	0° ♐		direct	-4693 Sep 05 j 23:54	20° ♏ 56'26	
desc. node	-4694 Oct 28 j 03:58	20° ♐ 50'58		morning max el	-4693 Sep 13 j 09:40	25° ♏ 12'33	19°42'04
morning set	-4694 Oct 29 j 09:01	22° ♐ 43'47			-4693 Sep 17 j 11:58	0° ♐	
	-4694 Nov 03 j 00:02	0° ♐		morning set	-4693 Oct 07 j 16:29	0° ♐	
max. Earth dist.	-4694 Nov 07 j 12:44	7° ♐ 15'43	1.42980 AU	desc. node	-4693 Oct 08 j 09:01	1° ♐ 04'11	
				max. Earth dist.	-4693 Oct 15 j 00:52	11° ♐ 27'49	
superior conj	-4694 Nov 14 j 02:13	18° ♐ 04'58	-1°33'43		-4693 Oct 21 j 01:38	20° ♐ 58'50	1.44211 AU
minimum elong	-4694 Nov 13 j 20:28	17° ♐ 40'51	1°33'17	superior conj	-4693 Oct 25 j 01:38	27° ♐ 22'26	-1°00'36
	-4694 Nov 21 j 01:20	0° ♑		minimum elong	-4693 Oct 24 j 19:13	26° ♐ 56'35	0°59'50
evening rise	-4694 Nov 26 j 02:01	8° ♑ 51'04			-4693 Oct 26 j 16:44	0° ♑	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening rise	-4693 Nov 08 j 00:34	20° Ω 22'45		evening rise	-4692 Oct 18 j 23:20	0° Ω 51'32	
	-4693 Nov 13 j 17:34	0° \mathbb{M}			-4692 Nov 07 j 00:53	0° \mathbb{M}	
evening max el	-4693 Nov 26 j 16:22	18° \mathbb{M} 59'16	18°21'17	evening max el	-4692 Nov 09 j 03:47	2° \mathbb{M} 24'01	18°52'11
asc. node	-4693 Nov 29 j 00:36	21° \mathbb{M} 01'50		asc. node	-4692 Nov 14 j 21:44	6° \mathbb{M} 09'23	
retrograde	-4693 Dec 03 j 06:11	22° \mathbb{M} 35'04		retrograde	-4692 Nov 15 j 23:35	6° \mathbb{M} 15'53	
evening set	-4693 Dec 06 j 03:15	21° \mathbb{M} 50'38		evening set	-4692 Nov 19 j 02:18	5° \mathbb{M} 20'30	
inferior conj	-4693 Dec 12 j 05:54	16° \mathbb{M} 22'40	3°34'42	inferior conj	-4692 Nov 24 j 21:37	29° Ω 36'10	2°58'51
minimum elong	-4693 Dec 12 j 02:54	16° \mathbb{M} 31'08	3°33'57	minimum elong	-4692 Nov 24 j 18:24	29° Ω 46'02	2°57'51
min. Earth dist.	-4693 Dec 14 j 11:28	13° \mathbb{M} 52'22	0.63846 AU		-4692 Nov 24 j 13:49	30° \mathbb{R} Ω	
morning rise	-4693 Dec 18 j 01:58	10° \mathbb{M} 22'22		min. Earth dist.	-4692 Nov 26 j 12:49	27° Ω 36'10	0.65228 AU
direct	-4693 Dec 25 j 01:32	7° \mathbb{M} 33'17		morning rise	-4692 Nov 30 j 10:07	23° Ω 28'15	
morning max el	-4692 Jan 07 j 15:55	15° \mathbb{M} 15'49	27°30'46	direct	-4692 Dec 07 j 00:44	20° Ω 38'33	
desc. node	-4692 Jan 11 j 00:52	18° \mathbb{M} 50'05		morning max el	-4692 Dec 20 j 01:32	28° Ω 12'19	26°48'27
	-4692 Jan 19 j 19:38	0° \mathbb{X}			-4692 Dec 21 j 19:15	0° \mathbb{M}	
	-4692 Feb 07 j 03:21	0° \mathbb{Z}		desc. node	-4692 Dec 27 j 21:50	7° \mathbb{M} 10'23	
morning set	-4692 Feb 11 j 10:34	8° \mathbb{Z} 16'54			-4691 Jan 12 j 13:16	0° \mathbb{X}	
max. Earth dist.	-4692 Feb 16 j 13:25	18° \mathbb{Z} 43'22	1.33516 AU	morning set	-4691 Jan 24 j 21:09	21° \mathbb{X} 49'31	
					-4691 Jan 29 j 01:22	0° \mathbb{Z}	
superior conj	-4692 Feb 19 j 05:42	24° \mathbb{Z} 23'07	-0°56'29	max. Earth dist.	-4691 Jan 29 j 07:00	0° \mathbb{Z} 28'10	1.34593 AU
minimum elong	-4692 Feb 19 j 08:04	24° \mathbb{Z} 35'46	0°56'16				
	-4692 Feb 21 j 20:38	0° \approx		superior conj	-4691 Feb 02 j 07:51	8° \mathbb{Z} 43'14	-1°18'24
asc. node	-4692 Feb 24 j 23:44	6° \approx 41'34		minimum elong	-4691 Feb 02 j 10:48	8° \mathbb{Z} 58'36	1°18'12
evening rise	-4692 Feb 26 j 10:12	9° \approx 43'33		evening rise	-4691 Feb 09 j 19:40	24° \mathbb{Z} 24'51	
	-4692 Mar 08 j 01:56	0° \mathbb{H}		asc. node	-4691 Feb 10 j 20:45	26° \mathbb{Z} 34'07	
evening max el	-4692 Mar 19 j 15:48	15° \mathbb{H} 11'00	22°45'47		-4691 Feb 12 j 13:22	0° \approx	
retrograde	-4692 Apr 01 j 19:22	21° \mathbb{H} 37'21		evening max el	-4691 Mar 01 j 14:47	26° \approx 10'28	21°16'24
evening set	-4692 Apr 05 j 00:11	21° \mathbb{H} 14'53			-4691 Mar 06 j 17:28	0° \mathbb{H}	
desc. node	-4692 Apr 07 j 23:44	20° \mathbb{H} 17'01		retrograde	-4691 Mar 13 j 09:35	1° \mathbb{H} 48'13	
min. Earth dist.	-4692 Apr 13 j 01:31	17° \mathbb{H} 41'55	0.55525 AU	evening set	-4691 Mar 15 j 21:33	1° \mathbb{H} 33'54	
inferior conj	-4692 Apr 14 j 07:30	16° \mathbb{H} 58'44	-1°41'55		-4691 Mar 20 j 13:32	30° \mathbb{R} \approx	
minimum elong	-4692 Apr 14 j 03:08	17° \mathbb{H} 05'00	1°40'35	inferior conj	-4691 Mar 25 j 03:16	27° \approx 34'38	0°12'08
morning rise	-4692 Apr 23 j 08:12	13° \mathbb{H} 01'06		minimum elong	-4691 Mar 25 j 03:49	27° \approx 33'50	0°11'47
direct	-4692 Apr 25 j 20:35	12° \mathbb{H} 46'14		transit middle	-4691 Mar 25 j 03:49	27° \approx 33'50	0°11'47
morning max el	-4692 May 07 j 01:11	18° \mathbb{H} 00'13	20°46'20	transit begin	-4691 Mar 25 j 01:05	27° \approx 37'43	
	-4692 May 16 j 08:42	0° \mathbb{Y}		transit end	-4691 Mar 25 j 06:33	27° \approx 29'58	
asc. node	-4692 May 22 j 23:29	11° \mathbb{Y} 57'01		min. Earth dist.	-4691 Mar 25 j 15:49	27° \approx 16'52	0.55200 AU
morning set	-4692 May 26 j 04:45	18° \mathbb{Y} 24'55		desc. node	-4691 Mar 25 j 20:51	27° \approx 09'44	
	-4692 May 31 j 19:12	0° \mathbb{B}		morning rise	-4691 Apr 03 j 09:48	23° \approx 27'37	
				direct	-4691 Apr 06 j 09:00	23° \approx 08'18	
superior conj	-4692 Jun 02 j 19:21	4° \mathbb{B} 07'28	1°31'32	morning max el	-4691 Apr 19 j 02:52	29° \approx 15'52	22°15'25
minimum elong	-4692 Jun 02 j 16:42	3° \mathbb{B} 53'57	1°31'23		-4691 Apr 19 j 21:07	0° \mathbb{H}	
max. Earth dist.	-4692 Jun 07 j 05:47	13° \mathbb{B} 01'21	1.35808 AU		-4691 May 09 j 00:12	0° \mathbb{Y}	
evening rise	-4692 Jun 11 j 12:05	21° \mathbb{B} 11'53		asc. node	-4691 May 09 j 20:27	1° \mathbb{Y} 43'48	
	-4692 Jun 16 j 08:26	0° \mathbb{I}		morning set	-4691 May 10 j 14:43	3° \mathbb{Y} 18'15	
desc. node	-4692 Jul 04 j 22:14	29° \mathbb{I} 00'01					
	-4692 Jul 05 j 16:01	0° \mathbb{E}		superior conj	-4691 May 17 j 21:19	18° \mathbb{Y} 40'06	1°14'23
evening max el	-4692 Jul 17 j 03:16	13° \mathbb{E} 29'56	26°22'39	minimum elong	-4691 May 17 j 18:39	18° \mathbb{Y} 26'05	1°14'03
retrograde	-4692 Jul 29 j 21:10	20° \mathbb{E} 44'38		max. Earth dist.	-4691 May 20 j 23:26	25° \mathbb{Y} 06'01	1.34475 AU
evening set	-4692 Aug 05 j 09:05	17° \mathbb{E} 59'51			-4691 May 23 j 09:18	0° \mathbb{B}	
min. Earth dist.	-4692 Aug 09 j 11:00	13° \mathbb{E} 38'28	0.66134 AU	evening rise	-4691 May 25 j 20:31	4° \mathbb{B} 52'32	
inferior conj	-4692 Aug 10 j 22:48	11° \mathbb{E} 48'08	-2°30'16		-4691 Jun 09 j 01:57	0° \mathbb{I}	
minimum elong	-4692 Aug 11 j 02:00	11° \mathbb{E} 38'15	2°28'58	desc. node	-4691 Jun 21 j 19:20	18° \mathbb{I} 09'21	
morning rise	-4692 Aug 16 j 19:10	5° \mathbb{E} 59'12		evening max el	-4691 Jun 29 j 14:42	26° \mathbb{I} 53'25	27°07'32
asc. node	-4692 Aug 18 j 22:56	5° \mathbb{E} 09'09			-4691 Jul 03 j 03:27	0° \mathbb{E}	
direct	-4692 Aug 19 j 21:50	5° \mathbb{E} 03'58		retrograde	-4691 Jul 12 j 22:23	4° \mathbb{E} 16'35	
morning max el	-4692 Aug 26 j 18:04	8° \mathbb{E} 54'31	18°50'43	evening set	-4691 Jul 19 j 20:56	1° \mathbb{E} 28'41	
	-4692 Sep 10 j 15:04	0° \mathbb{Q}			-4691 Jul 21 j 12:34	30° \mathbb{R} \mathbb{I}	
morning set	-4692 Sep 17 j 02:39	10° \mathbb{Q} 19'16		min. Earth dist.	-4691 Jul 23 j 15:54	27° \mathbb{I} 44'59	0.65007 AU
	-4692 Sep 29 j 12:49	0° \mathbb{P}		inferior conj	-4691 Jul 25 j 17:13	25° \mathbb{I} 24'49	-3°13'44
desc. node	-4692 Sep 30 j 21:46	2° \mathbb{P} 09'51		minimum elong	-4691 Jul 25 j 20:51	25° \mathbb{I} 14'28	3°12'32
				morning rise	-4691 Jul 31 j 21:13	19° \mathbb{I} 50'23	
superior conj	-4692 Oct 03 j 04:22	5° \mathbb{P} 45'03	-0°14'19	direct	-4691 Aug 03 j 17:40	19° \mathbb{I} 06'27	
minimum elong	-4692 Oct 03 j 02:30	5° \mathbb{P} 37'41	0°13'58	asc. node	-4691 Aug 05 j 20:00	19° \mathbb{I} 29'59	
behind sun begin	-4692 Oct 02 j 20:30	5° \mathbb{P} 14'01		morning max el	-4691 Aug 10 j 06:50	22° \mathbb{I} 39'44	18°15'52
behind sun end	-4692 Oct 03 j 08:30	6° \mathbb{P} 01'22			-4691 Aug 16 j 01:19	0° \mathbb{E}	
max. Earth dist.	-4692 Oct 02 j 18:22	5° \mathbb{P} 05'36	1.44776 AU	morning set	-4691 Aug 28 j 23:20	20° \mathbb{E} 53'01	
	-4692 Oct 18 j 10:31	0° \mathbb{Q}			-4691 Sep 03 j 11:55	0° \mathbb{Q}	





























































































Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4691 Sep 12 j 06:29	14° Ω 10'27	0°34'20			-4690 Aug 27 j 02:19	0° Ω	
minimum elong	-4691 Sep 12 j 10:34	14° Ω 26'44	0°34'00	max. Earth dist.		-4690 Aug 29 j 04:07	3° Ω 20'57	1.43759 AU
max. Earth dist.	-4691 Sep 15 j 12:16	19° Ω 19'19	1.44617 AU	desc. node		-4690 Sep 04 j 15:37	13° Ω 37'12	
desc. node	-4691 Sep 17 j 18:41	22° Ω 54'09		evening rise		-4690 Sep 08 j 02:31	18° Ω 59'40	
	-4691 Sep 22 j 07:12	0° \mathbb{N}				-4690 Sep 15 j 07:07	0° \mathbb{N}	
evening rise	-4691 Sep 28 j 21:16	10° \mathbb{N} 16'45		evening max el		-4690 Oct 06 j 13:50	29° \mathbb{N} 17'30	20°41'18
greatest brilliancy	-4691 Oct 10 j 19:34	28° \mathbb{N} 42'09	-0.7m			-4690 Oct 07 j 06:50	0° $\underline{\mathbf{A}}$	
	-4691 Oct 11 j 16:11	0° $\underline{\mathbf{A}}$		retrograde		-4690 Oct 14 j 17:10	4° $\underline{\mathbf{A}}$ 05'38	
evening max el	-4691 Oct 23 j 11:34	15° $\underline{\mathbf{A}}$ 51'08	19°39'31	evening set		-4690 Oct 18 j 13:39	2° $\underline{\mathbf{A}}$ 40'28	
retrograde	-4691 Oct 30 j 20:03	20° $\underline{\mathbf{A}}$ 07'16		asc. node		-4690 Oct 19 j 15:59	1° $\underline{\mathbf{A}}$ 45'06	
asc. node	-4691 Nov 01 j 18:51	19° $\underline{\mathbf{A}}$ 45'12				-4690 Oct 21 j 07:27	30° \mathbb{R} \mathbb{N}	
evening set	-4691 Nov 03 j 06:31	18° $\underline{\mathbf{A}}$ 58'22		inferior conj		-4690 Oct 23 j 23:35	26° \mathbb{N} 32'33	1°26'13
inferior conj	-4691 Nov 08 j 20:19	13° $\underline{\mathbf{A}}$ 00'36	2°15'06	minimum elong		-4690 Oct 23 j 21:41	26° \mathbb{N} 39'00	1°25'29
minimum elong	-4691 Nov 08 j 17:32	13° $\underline{\mathbf{A}}$ 09'38	2°14'06	min. Earth dist.		-4690 Oct 24 j 13:54	25° \mathbb{N} 44'00	0.66939 AU
min. Earth dist.	-4691 Nov 09 j 22:20	11° $\underline{\mathbf{A}}$ 35'47	0.66256 AU	morning rise		-4690 Oct 29 j 05:34	20° \mathbb{N} 17'03	
morning rise	-4691 Nov 14 j 04:19	6° $\underline{\mathbf{A}}$ 47'38		direct		-4690 Nov 03 j 15:50	17° \mathbb{N} 56'19	
direct	-4691 Nov 20 j 05:45	4° $\underline{\mathbf{A}}$ 08'52		morning max el		-4690 Nov 14 j 19:28	24° \mathbb{N} 35'07	24°21'07
morning max el	-4691 Dec 02 j 10:42	11° $\underline{\mathbf{A}}$ 21'13	25°42'06			-4690 Nov 19 j 16:34	0° $\underline{\mathbf{A}}$	
desc. node	-4691 Dec 14 j 18:48	26° $\underline{\mathbf{A}}$ 18'02		desc. node		-4690 Dec 01 j 15:45	15° $\underline{\mathbf{A}}$ 59'04	
	-4691 Dec 17 j 10:15	0° \mathbb{M}				-4690 Dec 10 j 21:46	0° \mathbb{M}	
	-4690 Jan 05 j 04:19	0° \mathbb{X}		morning set		-4690 Dec 20 j 15:16	16° \mathbb{M} 08'01	
morning set	-4690 Jan 07 j 16:36	4° \mathbb{X} 31'41		max. Earth dist.		-4690 Dec 24 j 10:52	22° \mathbb{M} 53'24	1.38014 AU
max. Earth dist.	-4690 Jan 11 j 12:57	11° \mathbb{X} 42'42	1.36121 AU			-4690 Dec 28 j 07:45	0° \mathbb{X}	
superior conj	-4690 Jan 17 j 02:12	22° \mathbb{X} 35'04	-1°36'41	superior conj		-4690 Dec 31 j 09:22	5° \mathbb{X} 49'02	-1°49'16
minimum elong	-4690 Jan 17 j 05:08	22° \mathbb{X} 49'43	1°36'39	minimum elong		-4690 Dec 31 j 11:16	5° \mathbb{X} 58'09	1°49'24
	-4690 Jan 20 j 17:57	0° \mathbb{Z}		evening rise		-4689 Jan 09 j 01:11	22° \mathbb{X} 49'47	
evening rise	-4690 Jan 25 j 01:24	8° \mathbb{Z} 48'57				-4689 Jan 12 j 17:31	0° \mathbb{Z}	
asc. node	-4690 Jan 28 j 17:47	16° \mathbb{Z} 09'29		asc. node		-4689 Jan 15 j 14:50	5° \mathbb{Z} 21'32	
	-4690 Feb 05 j 16:40	0° \approx		evening max el		-4689 Jan 25 j 18:47	19° \mathbb{Z} 48'59	19°03'33
evening max el	-4690 Feb 11 j 23:38	7° \approx 41'54	20°00'44	retrograde		-4689 Feb 03 j 08:42	23° \mathbb{Z} 55'23	
retrograde	-4690 Feb 22 j 01:55	12° \approx 28'41		evening set		-4689 Feb 05 j 18:43	23° \mathbb{Z} 37'13	
evening set	-4690 Feb 24 j 10:08	12° \approx 14'24		inferior conj		-4689 Feb 13 j 18:44	19° \mathbb{Z} 22'24	3°17'38
inferior conj	-4690 Mar 05 j 03:03	8° \approx 14'00	2°00'40	minimum elong		-4689 Feb 13 j 23:23	19° \mathbb{Z} 14'14	3°16'28
minimum elong	-4690 Mar 05 j 07:40	8° \approx 06'58	1°59'05	min. Earth dist.		-4689 Feb 16 j 21:04	17° \mathbb{Z} 13'22	0.57191 AU
min. Earth dist.	-4690 Mar 07 j 05:57	6° \approx 56'39	0.55808 AU	morning rise		-4689 Feb 22 j 01:31	14° \mathbb{Z} 21'28	
desc. node	-4690 Mar 12 j 18:00	4° \approx 09'52		direct		-4689 Feb 27 j 06:22	13° \mathbb{Z} 17'46	
morning rise	-4690 Mar 14 j 03:05	3° \approx 42'37		desc. node		-4689 Feb 27 j 15:09	13° \mathbb{Z} 18'05	
direct	-4690 Mar 18 j 01:51	3° \approx 08'12		morning max el		-4689 Mar 13 j 11:10	20° \mathbb{Z} 36'15	25°28'50
morning max el	-4690 Mar 31 j 20:12	9° \approx 59'21	23°53'51			-4689 Mar 21 j 12:53	0° \approx	
	-4690 Apr 15 j 14:52	0° \mathbb{H}				-4689 Apr 07 j 23:46	0° \mathbb{H}	
morning set	-4690 Apr 25 j 02:39	18° \mathbb{H} 19'36		morning set		-4689 Apr 09 j 14:52	3° \mathbb{H} 23'00	
asc. node	-4690 Apr 26 j 17:26	21° \mathbb{H} 44'29		asc. node		-4689 Apr 13 j 14:25	11° \mathbb{H} 54'12	
	-4690 Apr 30 j 13:38	0° \mathbb{Y}						
superior conj	-4690 May 02 j 04:32	3° \mathbb{Y} 29'35	0°53'48	superior conj		-4689 Apr 16 j 14:55	18° \mathbb{H} 29'00	0°30'55
minimum elong	-4690 May 02 j 02:22	3° \mathbb{Y} 17'57	0°53'24	minimum elong		-4689 Apr 16 j 13:36	18° \mathbb{H} 21'48	0°30'35
max. Earth dist.	-4690 May 04 j 02:44	7° \mathbb{Y} 36'51	1.33508 AU	max. Earth dist.		-4689 Apr 17 j 12:53	20° \mathbb{H} 28'28	1.32894 AU
evening rise	-4690 May 09 j 15:56	19° \mathbb{Y} 07'22		evening rise		-4689 Apr 21 j 23:34	0° \mathbb{Y}	
	-4690 May 15 j 07:05	0° \mathbb{B}				-4689 Apr 23 j 18:56	3° \mathbb{Y} 45'29	
	-4690 Jun 03 j 07:07	0° \mathbb{I}		evening max el		-4689 May 08 j 01:48	0° \mathbb{B}	
desc. node	-4690 Jun 08 j 16:27	6° \mathbb{I} 29'20		desc. node		-4689 May 25 j 07:59	22° \mathbb{B} 30'18	27°11'22
evening max el	-4690 Jun 12 j 01:06	9° \mathbb{I} 57'52	27°25'21	retrograde		-4689 May 26 j 13:36	23° \mathbb{B} 38'57	
retrograde	-4690 Jun 25 j 17:36	17° \mathbb{I} 22'28		evening set		-4689 Jun 08 j 06:17	29° \mathbb{B} 53'28	
evening set	-4690 Jul 02 j 21:04	14° \mathbb{I} 43'40		min. Earth dist.		-4689 Jun 15 j 05:37	27° \mathbb{B} 37'39	
min. Earth dist.	-4690 Jul 06 j 11:36	11° \mathbb{I} 33'03	0.63501 AU	inferior conj		-4689 Jun 18 j 21:17	24° \mathbb{B} 49'20	0.61663 AU
inferior conj	-4690 Jul 09 j 02:58	8° \mathbb{I} 50'31	-3°48'43	minimum elong		-4689 Jun 22 j 00:54	21° \mathbb{B} 57'57	-4°10'33
minimum elong	-4690 Jul 09 j 06:14	8° \mathbb{I} 42'08	3°47'56	morning rise		-4689 Jun 22 j 02:36	21° \mathbb{B} 54'05	4°10'15
morning rise	-4690 Jul 15 j 16:14	3° \mathbb{I} 33'48		direct		-4689 Jun 29 j 01:05	17° \mathbb{B} 01'42	
direct	-4690 Jul 18 j 08:34	2° \mathbb{I} 58'35		morning max el		-4689 Jul 01 j 14:56	16° \mathbb{B} 33'21	
asc. node	-4690 Jul 23 j 17:04	5° \mathbb{I} 17'49		asc. node		-4689 Jul 08 j 11:28	19° \mathbb{B} 58'40	17°59'56
morning max el	-4690 Jul 24 j 21:31	6° \mathbb{I} 23'03	17°58'38			-4689 Jul 10 j 14:08	22° \mathbb{B} 17'23	
	-4690 Aug 09 j 08:48	0° \mathbb{G}		morning set		-4689 Jul 15 j 22:10	0° \mathbb{I}	
morning set	-4690 Aug 10 j 21:12	2° \mathbb{G} 38'28				-4689 Jul 24 j 14:59	15° \mathbb{I} 21'24	
						-4689 Aug 01 j 17:56	0° \mathbb{G}	
superior conj	-4690 Aug 23 j 04:30	23° \mathbb{G} 35'57	1°13'28	superior conj		-4689 Aug 04 j 06:16	4° \mathbb{G} 24'14	1°37'53
minimum elong	-4690 Aug 23 j 10:25	24° \mathbb{G} 00'21	1°13'03	minimum elong		-4689 Aug 04 j 10:16	4° \mathbb{G} 41'35	1°37'51

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

max. Earth dist.	-4689 Aug 11 j 14:59	16°☿52'15	1.42320 AU	superior conj	-4688 Jul 16 j 09:01	16°♂27'50	1°48'25
evening rise	-4689 Aug 18 j 09:52	27°☿50'02		minimum elong	-4688 Jul 16 j 10:11	16°♂33'09	1°48'38
	-4689 Aug 19 j 18:51	0°♂		max. Earth dist.	-4688 Jul 23 j 19:42	29°♂40'10	1.40500 AU
desc. node	-4689 Aug 22 j 12:35	4°♂15'55			-4688 Jul 24 j 00:19	0°☿	
	-4689 Sep 09 j 01:35	0°♂		evening rise	-4688 Jul 28 j 13:21	7°☿38'28	
evening max el	-4689 Sep 19 j 09:42	12°♂42'10	21°54'24	desc. node	-4688 Aug 08 j 09:35	24°☿46'41	
retrograde	-4689 Sep 28 j 13:09	18°♂08'03			-4688 Aug 11 j 21:28	0°♂	
evening set	-4689 Oct 02 j 21:42	16°♂24'24		evening max el	-4688 Sep 01 j 00:06	26°♂07'19	23°14'15
asc. node	-4689 Oct 06 j 13:09	12°♂26'22			-4688 Sep 05 j 11:49	0°♂	
inferior conj	-4689 Oct 08 j 05:26	10°♂09'37	0°34'15	retrograde	-4688 Sep 11 j 06:30	2°♂12'18	
minimum elong	-4689 Oct 08 j 04:38	10°♂12'21	0°34'00	evening set	-4688 Sep 16 j 04:55	0°♂08'58	
min. Earth dist.	-4689 Oct 08 j 09:07	9°♂56'52	0.67310 AU		-4688 Sep 16 j 09:05	30°♂♂	
morning rise	-4689 Oct 13 j 11:26	3°♂54'20		min. Earth dist.	-4688 Sep 21 j 05:34	24°♂13'10	0.67386 AU
direct	-4689 Oct 18 j 06:34	1°♂54'38		inferior conj	-4688 Sep 21 j 12:02	23°♂50'56	-0°18'58
morning max el	-4689 Oct 28 j 05:53	7°♂51'48	22°54'53	minimum elong	-4688 Sep 21 j 12:28	23°♂49'25	0°18'38
	-4689 Nov 14 j 10:12	0°♂		asc. node	-4688 Sep 22 j 10:17	22°♂34'50	
desc. node	-4689 Nov 18 j 12:39	6°♂03'10		morning rise	-4688 Sep 26 j 19:55	17°♂38'47	
morning set	-4689 Dec 01 j 11:11	26°♂23'26		direct	-4688 Oct 01 j 01:09	16°♂00'03	
	-4689 Dec 03 j 15:16	0°♂		morning max el	-4688 Oct 09 j 20:56	21°♂13'52	21°31'53
max. Earth dist.	-4689 Dec 06 j 07:30	4°♂32'20	1.40072 AU		-4688 Oct 17 j 05:03	0°♂	
				desc. node	-4688 Nov 04 j 09:33	26°♂23'55	
superior conj	-4689 Dec 14 j 00:39	18°♂11'43	-1°53'19		-4688 Nov 06 j 17:31	0°♂	
minimum elong	-4689 Dec 14 j 00:13	18°♂09'45	1°53'28	morning set	-4688 Nov 10 j 03:08	5°♂19'41	
	-4689 Dec 20 j 08:30	0°♂		max. Earth dist.	-4688 Nov 17 j 09:00	17°♂00'50	1.42020 AU
evening rise	-4689 Dec 23 j 16:09	6°♂19'11					
asc. node	-4688 Jan 02 j 11:56	24°♂01'36		superior conj	-4688 Nov 24 j 18:32	29°♂29'58	-1°45'15
	-4688 Jan 06 j 17:12	0°♂		minimum elong	-4688 Nov 24 j 14:40	29°♂13'13	1°45'07
evening max el	-4688 Jan 08 j 22:23	2°♂25'52	18°26'23		-4688 Nov 25 j 01:28	0°♂	
retrograde	-4688 Jan 16 j 09:53	6°♂06'37		evening rise	-4688 Dec 05 j 18:51	19°♂09'49	
evening set	-4688 Jan 18 j 22:36	5°♂42'39			-4688 Dec 11 j 19:00	0°♂	
inferior conj	-4688 Jan 26 j 06:40	1°♂07'47	3°56'49	asc. node	-4688 Dec 19 j 09:02	11°♂59'53	
minimum elong	-4688 Jan 26 j 08:45	1°♂03'33	3°56'24	evening max el	-4688 Dec 22 j 07:50	15°♂25'19	18°09'16
	-4688 Jan 27 j 15:46	30°♂♂		retrograde	-4688 Dec 29 j 03:33	18°♂54'37	
min. Earth dist.	-4688 Jan 29 j 15:34	28°♂24'25	0.59048 AU	evening set	-4688 Dec 31 j 19:01	18°♂23'37	
morning rise	-4688 Feb 02 j 16:48	25°♂42'26		inferior conj	-4687 Jan 07 j 13:41	13°♂27'15	4°04'39
direct	-4688 Feb 08 j 23:41	23°♂59'46		minimum elong	-4687 Jan 07 j 13:00	13°♂28'52	4°04'24
desc. node	-4688 Feb 14 j 12:16	25°♂15'10		min. Earth dist.	-4687 Jan 10 j 16:29	10°♂33'03	0.61047 AU
	-4688 Feb 21 j 13:22	0°♂		morning rise	-4687 Jan 14 j 05:37	7°♂44'59	
morning max el	-4688 Feb 23 j 05:31	1°♂33'02	26°45'13	direct	-4687 Jan 21 j 03:52	5°♂26'05	
	-4688 Mar 14 j 14:26	0°♂		desc. node	-4687 Jan 31 j 09:21	9°♂43'15	
morning set	-4688 Mar 24 j 01:34	18°♂20'57		morning max el	-4687 Feb 04 j 05:51	13°♂06'29	27°30'57
	-4688 Mar 29 j 12:02	0°♂			-4687 Feb 17 j 18:11	0°♂	
asc. node	-4688 Mar 30 j 11:24	2°♂07'43			-4687 Mar 06 j 20:14	0°♂	
				morning set	-4687 Mar 08 j 08:52	3°♂06'37	
superior conj	-4688 Mar 31 j 02:38	3°♂31'02	0°06'37	max. Earth dist.	-4687 Mar 14 j 14:45	16°♂23'09	1.32675 AU
minimum elong	-4688 Mar 31 j 02:20	3°♂29'27	0°06'26				
behind sun begin	-4688 Mar 30 j 21:45	3°♂04'20		superior conj	-4687 Mar 15 j 14:00	18°♂29'45	-0°18'17
behind sun end	-4688 Mar 31 j 06:56	3°♂54'33		minimum elong	-4687 Mar 15 j 14:49	18°♂34'14	0°18'17
max. Earth dist.	-4688 Mar 31 j 02:07	3°♂28'14	1.32614 AU	asc. node	-4687 Mar 17 j 08:23	22°♂21'03	
evening rise	-4688 Apr 07 j 02:50	18°♂36'56			-4687 Mar 20 j 21:07	0°♂	
	-4688 Apr 12 j 19:19	0°♂		evening rise	-4687 Mar 22 j 13:30	3°♂34'23	
	-4688 May 02 j 06:09	0°♂			-4687 Apr 05 j 20:58	0°♂	
evening max el	-4688 May 06 j 09:06	4°♂21'37	26°24'56	evening max el	-4687 Apr 18 j 04:21	15°♂33'30	25°10'52
desc. node	-4688 May 12 j 10:47	9°♂08'54		desc. node	-4687 Apr 29 j 07:59	22°♂23'10	
retrograde	-4688 May 20 j 11:10	11°♂41'14		retrograde	-4687 May 02 j 05:54	22°♂43'05	
evening set	-4688 May 26 j 18:36	10°♂00'26		evening set	-4687 May 07 j 10:09	21°♂40'48	
min. Earth dist.	-4688 May 30 j 22:10	7°♂18'12	0.59627 AU	min. Earth dist.	-4687 May 12 j 16:50	18°♂48'23	0.57665 AU
inferior conj	-4688 Jun 03 j 07:22	4°♂37'56	-4°12'09	inferior conj	-4687 May 15 j 19:00	16°♂41'33	-3°43'58
minimum elong	-4688 Jun 03 j 06:12	4°♂40'15	4°11'59	minimum elong	-4687 May 15 j 14:33	16°♂49'14	3°43'11
morning rise	-4688 Jun 10 j 20:10	0°♂03'21		morning rise	-4687 May 23 j 21:59	12°♂26'59	
	-4688 Jun 11 j 00:52	30°♂♂		direct	-4687 May 26 j 09:06	12°♂08'47	
direct	-4688 Jun 13 j 08:26	29°♂40'38		morning max el	-4687 Jun 04 j 01:36	16°♂12'56	19°01'23
	-4688 Jun 15 j 14:42	0°♂		asc. node	-4687 Jun 13 j 08:10	28°♂51'58	
morning max el	-4688 Jun 20 j 21:49	3°♂18'28	18°20'38		-4687 Jun 13 j 23:48	0°♂	
asc. node	-4688 Jun 26 j 11:10	10°♂13'08		morning set	-4687 Jun 20 j 19:02	12°♂50'21	
morning set	-4688 Jul 06 j 23:39	28°♂48'53					
	-4688 Jul 07 j 14:37	0°♂		superior conj	-4687 Jun 29 j 06:58	29°♂30'09	1°47'58

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4687 Jun 29 j 05:54	29°  25'04	1°48'08	superior conj	-4686 Jun 12 j 18:55	13°  17'10	1°39'19
	-4687 Jun 29 j 13:11	0° 		minimum elong	-4686 Jun 12 j 16:36	13°  05'34	1°39'17
max. Earth dist.	-4687 Jul 05 j 21:05	11°  47'17	1.38558 AU	max. Earth dist.	-4686 Jun 18 j 01:15	23°  35'09	1.36736 AU
evening rise	-4687 Jul 09 j 19:16	18°  44'10			-4686 Jun 21 j 11:32	0° 	
	-4687 Jul 16 j 12:28	0° 		evening rise	-4686 Jun 22 j 01:03	1°  01'49	
desc. node	-4687 Jul 26 j 06:38	15°  04'22			-4686 Jul 09 j 15:38	0° 	
	-4687 Aug 06 j 02:50	0° 		desc. node	-4686 Jul 13 j 03:43	5°  02'52	
evening max el	-4687 Aug 14 j 11:23	9°  35'06	24°34'31	evening max el	-4686 Jul 27 j 22:05	23°  05'47	25°47'19
retrograde	-4687 Aug 25 j 20:06	16°  01'16			-4686 Aug 07 j 13:40	0° 	
evening set	-4687 Aug 31 j 09:27	13°  05'15		retrograde	-4686 Aug 09 j 05:08	0°  09'52	
min. Earth dist.	-4687 Sep 05 j 00:40	8°  30'48	0.67163 AU		-4686 Aug 10 j 19:16	30°  08'58	
inferior conj	-4687 Sep 05 j 17:39	7°  33'55	-1°11'51	evening set	-4686 Aug 15 j 09:23	27°  31'28	
minimum elong	-4687 Sep 05 j 19:18	7°  28'23	1°10'58	min. Earth dist.	-4686 Aug 19 j 16:00	22°  47'57	0.66617 AU
asc. node	-4687 Sep 09 j 07:25	3°  09'24		inferior conj	-4686 Aug 20 j 20:31	21°  16'51	-2°02'40
morning rise	-4687 Sep 11 j 05:07	1°  28'14		minimum elong	-4686 Aug 20 j 23:14	21°  08'09	2°01'26
direct	-4687 Sep 14 j 22:21	0°  08'35		morning rise	-4686 Aug 26 j 13:11	15°  20'56	
morning max el	-4687 Sep 22 j 18:43	4°  43'25	20°18'22	asc. node	-4686 Aug 27 j 04:30	14°  05'50	
	-4687 Oct 11 j 06:00	0° 		direct	-4686 Aug 29 j 20:36	14°  01'34	
morning set	-4687 Oct 20 j 02:21	13°  03'32		morning max el	-4686 Sep 05 j 23:37	18°  21'25	19°18'17
desc. node	-4687 Oct 22 j 06:26	16°  05'45			-4686 Sep 14 j 22:23	0° 	
	-4687 Oct 30 j 12:58	0° 		morning set	-4686 Sep 29 j 07:47	22°  01'28	
max. Earth dist.	-4687 Oct 30 j 18:03	0°  20'22	1.43582 AU		-4686 Oct 04 j 07:24	0° 	
				desc. node	-4686 Oct 09 j 03:19	7°  03'45	
superior conj	-4687 Nov 05 j 09:49	9°  31'36	-1°21'40	max. Earth dist.	-4686 Oct 13 j 09:23	14°  07'20	1.44547 AU
minimum elong	-4687 Nov 05 j 03:13	9°  04'28	1°21'03				
	-4687 Nov 17 j 12:15	0° 		superior conj	-4686 Oct 15 j 22:44	18°  02'29	-0°42'06
evening rise	-4687 Nov 18 j 04:58	1°  12'25		minimum elong	-4686 Oct 15 j 17:38	18°  00'16	0°41'24
evening max el	-4687 Dec 05 j 20:13	28°  39'11	18°11'33		-4686 Oct 23 j 05:16	0° 	
asc. node	-4687 Dec 06 j 06:08	29°  03'39		evening rise	-4686 Oct 30 j 17:50	12°  01'07	
	-4687 Dec 07 j 07:28	0° 			-4686 Nov 10 j 13:23	0° 	
retrograde	-4687 Dec 12 j 09:38	2°  09'17		evening max el	-4686 Nov 19 j 08:43	12°  01'25	18°32'17
evening set	-4687 Dec 15 j 04:25	1°  30'04		asc. node	-4686 Nov 23 j 03:15	14°  05'20	
	-4687 Dec 17 j 13:21	30°  08'18		retrograde	-4686 Nov 26 j 00:03	15°  04'42	
inferior conj	-4687 Dec 21 j 12:15	26°  13'00	3°50'11	evening set	-4686 Nov 28 j 23:23	14°  03'42	
minimum elong	-4687 Dec 21 j 09:46	26°  19'34	3°49'38	inferior conj	-4686 Dec 04 j 22:40	9°  18'13	3°20'38
min. Earth dist.	-4687 Dec 24 j 02:13	23°  29'36	0.62912 AU	minimum elong	-4686 Dec 04 j 19:28	9°  27'34	3°19'46
morning rise	-4687 Dec 27 j 14:21	20°  18'39		min. Earth dist.	-4686 Dec 06 j 21:55	7°  00'15	0.64483 AU
direct	-4686 Jan 03 j 16:18	17°  13'6		morning rise	-4686 Dec 10 j 15:07	3°  14'34	
morning max el	-4686 Jan 17 j 11:38	25°  18'51	27°40'57	direct	-4686 Dec 17 j 11:36	0° 	
desc. node	-4686 Jan 18 j 06:23	26°  05'46		morning max el	-4686 Dec 30 j 20:42	8°  03'04	27°16'16
	-4686 Jan 21 j 20:06	0° 		desc. node	-4685 Jan 05 j 03:21	13°  05'22	
	-4686 Feb 11 j 03:44	0° 			-4685 Jan 16 j 23:49	0° 	
morning set	-4686 Feb 20 j 10:33	17°  32'08		morning set	-4685 Feb 03 j 09:43	0° 	
max. Earth dist.	-4686 Feb 25 j 23:03	29°  00'16	1.33096 AU	max. Earth dist.	-4685 Feb 04 j 03:41	1°  03'27	
	-4686 Feb 26 j 10:15	0° 			-4685 Feb 08 j 23:11	11°  07'10	1.33924 AU
superior conj	-4686 Feb 27 j 23:20	3°  31'05	-0°42'51	superior conj	-4685 Feb 12 j 04:44	17°  05'53	-1°06'06
minimum elong	-4686 Feb 28 j 01:12	3°  29'07	0°42'42	minimum elong	-4685 Feb 12 j 07:25	18°  06'02	1°05'54
asc. node	-4686 Mar 04 j 05:22	12° 30'11			-4685 Feb 17 j 21:50	0°	
evening rise	-4686 Mar 07 j 01:07	18° 31'09		evening rise	-4685 Feb 19 j 11:54	3° 20'08	
	-4686 Mar 12 j 17:51	0°		asc. node	-4685 Feb 19 j 02:22	2° 30'12	
evening max el	-4686 Mar 30 j 20:37	26° 12'10	23°40'07		-4685 Mar 06 j 11:41	0°	
	-4686 Apr 04 j 08:01	0°		evening max el	-4685 Mar 12 j 15:20	7° 08'28	22°06'30
retrograde	-4686 Apr 13 j 11:58	3° 07'41		retrograde	-4685 Mar 25 j 06:11	13° 15'22	
desc. node	-4686 Apr 16 j 05:10	2° 05'17		evening set	-4685 Mar 28 j 02:18	12° 15'31	
evening set	-4686 Apr 17 j 08:41	2° 03'45		desc. node	-4685 Apr 03 j 02:19	10° 15'44	
	-4686 Apr 23 j 04:52	30° 08'18		inferior conj	-4685 Apr 06 j 10:38	8° 15'33	-0°55'01
min. Earth dist.	-4686 Apr 24 j 08:08	29° 12'21	0.56111 AU	minimum elong	-4685 Apr 06 j 08:07	8° 15'06	0°54'16
inferior conj	-4686 Apr 26 j 10:44	28° 12'38	-2°37'30	min. Earth dist.	-4685 Apr 05 j 22:11	9° 15'08	0.55275 AU
minimum elong	-4686 Apr 26 j 05:05	28° 12'38	2°35'59	morning rise	-4685 Apr 15 j 15:10	4° 15'33	
morning rise	-4686 May 05 j 04:16	24° 12'39		direct	-4685 Apr 18 j 06:49	4° 15'41	
direct	-4686 May 07 j 15:17	23° 12'18		morning max el	-4685 Apr 30 j 03:58	10° 15'59	21°22'31
morning max el	-4686 May 17 j 20:12	28° 13'33	20°02'27		-4685 May 14 j 03:00	0°	
	-4686 May 19 j 07:06	0°		asc. node	-4685 May 18 j 02:07	7° 03'38	
asc. node	-4686 May 31 j 05:09	18° 03'50		morning set	-4685 May 20 j 06:00	12° 03'43	
morning set	-4686 Jun 04 j 22:00	27° 03'59					
	-4686 Jun 06 j 05:56	0°		superior conj	-4685 May 27 j 16:43	27° 03'50	1°24'46

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4685 May 27 j 13:59	27° Υ 21'43	1°24'31		-4684 May 05 j 03:05	0° Υ	
	-4685 May 28 j 20:40	0° \mathcal{B}					
max. Earth dist.	-4685 May 31 j 13:13	5° \mathcal{B} 27'48	1.35198 AU	superior conj	-4684 May 10 j 21:14	12° Υ 16'35	1°06'00
evening rise	-4685 Jun 05 j 01:12	14° \mathcal{B} 15'53		minimum elong	-4684 May 10 j 18:44	12° Υ 03'18	1°05'38
	-4685 Jun 13 j 18:57	0° Π		max. Earth dist.	-4684 May 13 j 11:01	17° Υ 42'21	1.34018 AU
desc. node	-4685 Jun 30 j 00:49	24° Π 33'09		evening rise	-4684 May 18 j 14:47	28° Υ 12'07	
	-4685 Jul 04 j 08:43	0° \mathcal{E}			-4684 May 19 j 12:46	0° \mathcal{B}	
evening max el	-4685 Jul 10 j 09:10	6° \mathcal{E} 33'32	26°44'34		-4684 Jun 05 j 23:33	0° Π	
retrograde	-4685 Jul 23 j 09:17	13° \mathcal{E} 52'30		desc. node	-4684 Jun 15 j 21:56	13° Π 23'17	
evening set	-4685 Jul 30 j 02:26	11° \mathcal{E} 04'53		evening max el	-4684 Jun 21 j 20:10	19° Π 49'11	27°18'40
min. Earth dist.	-4685 Aug 03 j 01:11	7° \mathcal{E} 00'03	0.65706 AU	retrograde	-4684 Jul 05 j 08:09	27° Π 14'15	
inferior conj	-4685 Aug 04 j 18:39	4° \mathcal{E} 56'23	-2°49'32	evening set	-4684 Jul 12 j 09:44	24° Π 28'12	
minimum elong	-4685 Aug 04 j 22:06	4° \mathcal{E} 46'03	2°48'14	min. Earth dist.	-4684 Jul 16 j 02:14	20° Π 59'45	0.64410 AU
	-4685 Aug 09 j 13:39	30° $\mathcal{R}\Pi$		inferior conj	-4684 Jul 18 j 09:42	18° Π 28'28	-3°29'52
morning rise	-4685 Aug 10 j 18:05	29° Π 13'29		minimum elong	-4684 Jul 18 j 13:17	18° Π 18'38	3°28'50
direct	-4685 Aug 13 j 17:54	28° Π 23'22		morning rise	-4684 Jul 24 j 17:29	13° Π 01'31	
asc. node	-4685 Aug 14 j 01:35	28° Π 23'56		direct	-4684 Jul 27 j 11:52	12° Π 21'43	
	-4685 Aug 18 j 00:54	0° \mathcal{E}		asc. node	-4684 Jul 30 j 22:41	13° Π 23'02	
morning max el	-4685 Aug 20 j 10:12	2° \mathcal{E} 05'10	18°33'52	morning max el	-4684 Aug 03 j 00:10	15° Π 50'12	18°06'21
	-4685 Sep 08 j 07:08	0° Ω			-4684 Aug 13 j 02:00	0° \mathcal{E}	
morning set	-4685 Sep 09 j 12:38	1° Ω 59'29		morning set	-4684 Aug 20 j 20:30	13° \mathcal{E} 04'25	
					-4684 Aug 30 j 23:55	0° Ω	
superior conj	-4685 Sep 24 j 22:12	26° Ω 35'30	0°06'52	superior conj	-4684 Sep 03 j 06:53	5° Ω 20'59	0°52'36
minimum elong	-4685 Sep 24 j 23:07	26° Ω 39'07	0°06'53	minimum elong	-4684 Sep 03 j 12:21	5° Ω 43'04	0°52'08
behind sun begin	-4685 Sep 24 j 12:43	25° Ω 58'05		max. Earth dist.	-4684 Sep 07 j 20:28	12° Ω 39'57	1.44323 AU
behind sun end	-4685 Sep 25 j 09:30	27° Ω 20'08		desc. node	-4684 Sep 11 j 21:11	19° Ω 02'05	
max. Earth dist.	-4685 Sep 26 j 03:24	28° Ω 30'43	1.44795 AU		-4684 Sep 18 j 21:51	0° \mathcal{H}	
desc. node	-4685 Sep 26 j 00:15	28° Ω 18'15		evening rise	-4684 Sep 19 j 18:52	1° \mathcal{H} 21'25	
	-4685 Sep 27 j 02:04	0° \mathcal{H}		greatest brilliancy	-4684 Oct 03 j 07:55	22° \mathcal{H} 00'50	-0.6m
evening rise	-4685 Oct 11 j 05:51	22° \mathcal{H} 19'34			-4684 Oct 08 j 20:33	0° \mathcal{E}	
	-4685 Oct 16 j 02:12	0° \mathcal{E}		evening max el	-4684 Oct 16 j 00:21	8° \mathcal{E} 53'46	20°04'13
greatest brilliancy	-4685 Oct 19 j 22:56	6° \mathcal{E} 05'14	-0.8m	retrograde	-4684 Oct 23 j 16:20	13° \mathcal{E} 23'12	
evening max el	-4685 Nov 02 j 18:49	25° \mathcal{E} 27'31	19°10'21	asc. node	-4684 Oct 26 j 21:31	12° \mathcal{E} 23'04	
retrograde	-4685 Nov 09 j 19:15	29° \mathcal{E} 29'00		evening set	-4684 Oct 27 j 06:42	12° \mathcal{E} 07'51	
asc. node	-4685 Nov 10 j 00:22	29° \mathcal{E} 28'44		inferior conj	-4684 Nov 01 j 18:38	6° \mathcal{E} 05'16	1°54'54
evening set	-4685 Nov 13 j 00:59	28° \mathcal{E} 28'07		minimum elong	-4684 Nov 01 j 16:12	6° \mathcal{E} 13'24	1°53'58
inferior conj	-4685 Nov 18 j 17:42	22° \mathcal{E} 37'22	2°41'06	min. Earth dist.	-4684 Nov 02 j 15:33	4° \mathcal{E} 55'44	0.66577 AU
minimum elong	-4685 Nov 18 j 14:37	22° \mathcal{E} 47'08	2°40'04		-4684 Nov 06 j 21:19	30° $\mathcal{R}\mathcal{H}$	
min. Earth dist.	-4685 Nov 20 j 03:02	20° \mathcal{E} 52'13	0.65703 AU	morning rise	-4684 Nov 07 j 01:28	29° \mathcal{H} 50'37	
morning rise	-4685 Nov 24 j 03:57	16° \mathcal{E} 26'54		direct	-4684 Nov 12 j 20:28	27° \mathcal{H} 18'51	
direct	-4685 Nov 30 j 13:10	13° \mathcal{E} 40'59			-4684 Nov 19 j 16:28	0° \mathcal{E}	
morning max el	-4685 Dec 13 j 06:33	21° \mathcal{E} 07'21	26°22'46	morning max el	-4684 Nov 24 j 15:32	4° \mathcal{E} 19'14	25°08'55
	-4685 Dec 21 j 00:56	0° \mathcal{M}		desc. node	-4684 Dec 08 j 21:16	21° \mathcal{E} 56'00	
desc. node	-4685 Dec 23 j 00:18	2° \mathcal{M} 33'02			-4684 Dec 14 j 10:14	0° \mathcal{M}	
	-4684 Jan 10 j 03:23	0° \mathcal{J}		morning set	-4684 Dec 30 j 19:56	26° \mathcal{M} 57'13	
morning set	-4684 Jan 18 j 08:32	14° \mathcal{J} 40'54			-4683 Jan 01 j 12:26	0° \mathcal{J}	
max. Earth dist.	-4684 Jan 22 j 12:10	22° \mathcal{J} 39'33	1.35193 AU	max. Earth dist.	-4683 Jan 03 j 13:49	3° \mathcal{J} 47'20	1.36887 AU
	-4684 Jan 26 j 04:12	0° \mathcal{Z}					
superior conj	-4684 Jan 27 j 03:57	2° \mathcal{Z} 01'13	-1°26'42	superior conj	-4683 Jan 09 j 18:01	15° \mathcal{J} 37'56	-1°42'53
minimum elong	-4684 Jan 27 j 07:00	2° \mathcal{Z} 16'48	1°26'34	minimum elong	-4683 Jan 09 j 20:38	15° \mathcal{J} 50'54	1°42'55
evening rise	-4684 Feb 03 j 20:06	17° \mathcal{Z} 55'25			-4683 Jan 16 j 21:47	0° \mathcal{Z}	
asc. node	-4684 Feb 05 j 23:23	22° \mathcal{Z} 16'22		evening rise	-4683 Jan 17 j 23:35	2° \mathcal{Z} 10'01	
	-4684 Feb 09 j 23:06	0° \approx		asc. node	-4683 Jan 22 j 20:26	11° \mathcal{Z} 42'29	
evening max el	-4684 Feb 22 j 18:07	18° \approx 19'54	20°42'04		-4683 Feb 04 j 04:41	0° \approx	
retrograde	-4684 Mar 04 j 20:08	23° \approx 36'02		evening max el	-4683 Feb 04 j 07:29	0° \approx 06'39	19°34'01
evening set	-4684 Mar 07 j 05:11	23° \approx 22'27		retrograde	-4683 Feb 13 j 17:31	4° \approx 34'30	
inferior conj	-4684 Mar 16 j 06:22	19° \approx 24'20	1°00'45	evening set	-4683 Feb 16 j 02:00	4° \approx 19'04	
minimum elong	-4684 Mar 16 j 09:03	19° \approx 20'28	0°59'42	inferior conj	-4683 Feb 24 j 11:54	0° \approx 13'58	2°37'56
min. Earth dist.	-4684 Mar 17 j 12:20	18° \approx 40'59	0.55350 AU	minimum elong	-4683 Feb 24 j 17:01	0° \approx 05'42	2°36'23
desc. node	-4684 Mar 19 j 23:27	17° \approx 19'09			-4683 Feb 24 j 20:33	30° $\mathcal{R}\mathcal{Z}$	
morning rise	-4684 Mar 25 j 11:47	15° \approx 08'24		min. Earth dist.	-4683 Feb 27 j 03:02	28° \mathcal{Z} 32'48	0.56317 AU
direct	-4684 Mar 28 j 19:16	14° \approx 44'32		morning rise	-4683 Mar 05 j 05:28	25° \mathcal{Z} 29'23	
morning max el	-4684 Apr 11 j 01:45	21° \approx 12'21	22°56'49	desc. node	-4683 Mar 06 j 20:35	25° \mathcal{Z} 02'37	
	-4684 Apr 18 j 13:24	0° \mathcal{H}		direct	-4683 Mar 09 j 16:49	24° \mathcal{Z} 44'06	
morning set	-4684 May 03 j 17:01	27° \mathcal{H} 01'02			-4683 Mar 21 j 16:34	0° \approx	
asc. node	-4684 May 03 j 23:06	27° \mathcal{H} 32'48		morning max el	-4683 Mar 23 j 17:23	1° \approx 49'45	24°35'31

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4683 Apr 12 j 04:53	0° H		morning set	-4682 Apr 02 j 17:03	27° \approx 05'19	
morning set	-4683 Apr 18 j 05:17	12° H 03'47			-4682 Apr 04 j 02:07	0° H	
asc. node	-4683 Apr 20 j 20:06	17° H 37'46		asc. node	-4682 Apr 07 j 17:03	7° H 49'21	
superior conj	-4683 Apr 25 j 06:04	27° H 11'16	0°44'19	superior conj	-4682 Apr 09 j 17:13	12° H 12'25	0°20'44
minimum elong	-4683 Apr 25 j 04:14	27° H 01'18	0°43'57	minimum elong	-4682 Apr 09 j 16:19	12° H 07'29	0°20'27
max. Earth dist.	-4683 Apr 26 j 17:25	0° Y 22'00	1.33202 AU	max. Earth dist.	-4682 Apr 10 j 05:18	13° H 18'28	1.32736 AU
	-4683 Apr 26 j 13:20	0° Y		evening rise	-4682 Apr 16 j 19:11	27° H 23'06	
evening rise	-4683 May 02 j 13:48	12° Y 38'09			-4682 Apr 18 j 01:44	0° Y	
	-4683 May 11 j 17:14	0° B			-4682 May 05 j 04:17	0° B	
desc. node	-4683 Jun 01 j 13:55	0° II		evening max el	-4682 May 17 j 10:15	14° B 58'03	26°55'34
evening max el	-4683 Jun 02 j 19:04	1° II 16'30		desc. node	-4682 May 20 j 16:15	17° B 48'04	
retrograde	-4683 Jun 04 j 05:22	2° II 41'32	27°23'30	retrograde	-4682 May 31 j 10:33	22° B 19'31	
retrograde	-4683 Jun 18 j 01:03	10° II 06'28		evening set	-4682 Jun 07 j 04:29	20° B 17'54	
evening set	-4683 Jun 25 j 03:50	7° II 35'48		min. Earth dist.	-4682 Jun 10 j 23:47	17° B 34'02	0.60805 AU
min. Earth dist.	-4683 Jun 28 j 17:53	4° II 36'09	0.62746 AU	inferior conj	-4682 Jun 14 j 06:44	14° B 44'58	-4°14'16
inferior conj	-4683 Jul 01 j 14:53	1° II 47'40	-4°00'00	minimum elong	-4682 Jun 14 j 07:21	14° B 43'37	4°14'06
minimum elong	-4683 Jul 01 j 17:38	1° II 40'55	3°59'26	morning rise	-4682 Jun 21 j 12:02	9° B 57'32	
	-4683 Jul 03 j 12:04	30° R B		direct	-4682 Jun 24 j 01:08	9° B 31'39	
morning rise	-4683 Jul 08 j 08:35	26° B 39'22		morning max el	-4682 Jul 01 j 03:38	13° B 00'59	18°06'16
direct	-4683 Jul 10 j 23:33	26° B 07'25		asc. node	-4682 Jul 04 j 16:49	17° B 08'34	
morning max el	-4683 Jul 17 j 14:55	29° B 31'23	17°56'51		-4682 Jul 12 j 15:29	0° II	
asc. node	-4683 Jul 17 j 19:46	29° B 43'28		morning set	-4682 Jul 17 j 04:18	8° II 19'52	
	-4683 Jul 18 j 02:13	0° II					
morning set	-4683 Aug 03 j 03:34	25° II 16'15		superior conj	-4682 Jul 27 j 05:37	26° II 43'10	1°43'54
	-4683 Aug 05 j 19:36	0° E		minimum elong	-4682 Jul 27 j 08:24	26° II 55'31	1°44'00
					-4682 Jul 29 j 02:16	0° E	
superior conj	-4683 Aug 14 j 16:38	15° E 21'30	1°25'39	max. Earth dist.	-4682 Aug 03 j 18:25	9° E 43'25	1.41583 AU
minimum elong	-4683 Aug 14 j 22:01	15° E 44'11	1°25'24	evening rise	-4682 Aug 09 j 12:47	19° E 11'13	
max. Earth dist.	-4683 Aug 21 j 09:59	26° E 28'53	1.43204 AU		-4682 Aug 16 j 09:59	0° O	
	-4683 Aug 23 j 14:20	0° O		desc. node	-4682 Aug 16 j 15:09	0° O 19'48	
evening rise	-4683 Aug 29 j 22:23	10° O 00'25			-4682 Sep 06 j 15:30	0° O	
desc. node	-4683 Aug 29 j 18:09	9° O 43'53		evening max el	-4682 Sep 11 j 17:26	5° O 44'28	22°27'55
	-4683 Sep 12 j 03:08	0° O		retrograde	-4682 Sep 21 j 08:00	11° O 26'29	
evening max el	-4683 Sep 28 j 23:57	22° O 19'29	21°11'18	evening set	-4682 Sep 25 j 22:19	9° O 34'34	
retrograde	-4683 Oct 07 j 13:09	27° O 23'15		asc. node	-4682 Sep 30 j 15:51	4° O 05'41	
evening set	-4683 Oct 11 j 14:26	25° O 50'41		inferior conj	-4682 Oct 01 j 05:37	3° O 18'15	0°11'44
asc. node	-4683 Oct 13 j 18:42	23° O 45'39		minimum elong	-4682 Oct 01 j 05:20	3° O 19'13	0°11'44
inferior conj	-4683 Oct 16 j 23:15	19° O 39'37	1°04'28	transit middle	-4682 Oct 01 j 05:20	3° O 19'13	0°11'44
minimum elong	-4683 Oct 16 j 21:48	19° O 44'35	1°03'55	transit begin	-4682 Oct 01 j 03:27	3° O 25'43	
min. Earth dist.	-4683 Oct 17 j 09:02	19° O 06'04	0.67134 AU	transit end	-4682 Oct 01 j 07:13	3° O 12'43	
morning rise	-4683 Oct 22 j 04:59	13° O 23'43		min. Earth dist.	-4682 Oct 01 j 05:00	3° O 20'21	0.67385 AU
direct	-4683 Oct 27 j 08:50	11° O 11'27			-4682 Oct 03 j 17:04	30° R O	
morning max el	-4683 Nov 07 j 00:27	17° O 33'22	23°44'26	morning rise	-4682 Oct 06 j 12:13	27° O 04'04	
	-4683 Nov 17 j 09:10	0° O		direct	-4682 Oct 11 j 01:21	25° O 13'17	
desc. node	-4683 Nov 25 j 18:12	11° O 47'41			-4682 Oct 19 j 15:41	0° O	
	-4683 Dec 07 j 12:19	0° O		morning max el	-4682 Oct 20 j 12:20	0° O 51'08	22°18'43
morning set	-4683 Dec 12 j 07:47	8° O 00'01			-4682 Nov 11 j 07:26	0° O	
max. Earth dist.	-4683 Dec 16 j 09:39	15° O 03'24	1.38885 AU	desc. node	-4682 Nov 12 j 15:08	1° O 59'37	
				morning set	-4682 Nov 22 j 15:20	17° O 39'22	
superior conj	-4683 Dec 23 j 19:02	28° O 31'33	-1°52'15	max. Earth dist.	-4682 Nov 28 j 08:03	27° O 03'05	1.40934 AU
minimum elong	-4683 Dec 23 j 20:07	28° O 36'38	1°52'25		-4682 Nov 30 j 01:49	0° O	
	-4683 Dec 24 j 13:47	0° O					
evening rise	-4682 Jan 01 j 19:57	15° O 57'47		superior conj	-4682 Dec 06 j 01:57	10° O 28'49	-1°51'36
	-4682 Jan 09 j 07:50	0° O		minimum elong	-4682 Dec 06 j 00:08	10° O 20'45	1°51'41
asc. node	-4682 Jan 09 j 17:30	0° O 41'43		evening rise	-4682 Dec 16 j 06:08	29° O 11'40	
evening max el	-4682 Jan 18 j 06:36	12° O 27'32	18°45'18		-4682 Dec 16 j 16:28	0° O	
retrograde	-4682 Jan 26 j 07:42	16° O 20'39		asc. node	-4682 Dec 27 j 14:35	19° O 05'26	
evening set	-4682 Jan 28 j 19:02	16° O 00'06		evening max el	-4681 Jan 01 j 13:05	25° O 15'19	18°16'42
inferior conj	-4682 Feb 05 j 12:01	11° O 37'23	3°38'38	retrograde	-4681 Jan 08 j 16:26	28° O 49'28	
minimum elong	-4682 Feb 05 j 15:44	11° O 30'26	3°37'49	evening set	-4681 Jan 11 j 06:27	28° O 22'28	
min. Earth dist.	-4682 Feb 08 j 19:15	9° O 31'00	0.57949 AU	inferior conj	-4681 Jan 18 j 08:26	23° O 38'12	4°03'26
morning rise	-4682 Feb 13 j 10:02	6° O 25'21		minimum elong	-4681 Jan 18 j 09:15	23° O 36'25	4°03'09
direct	-4682 Feb 19 j 03:17	5° O 05'16		min. Earth dist.	-4681 Jan 21 j 15:48	20° O 47'39	0.59900 AU
desc. node	-4682 Feb 21 j 17:42	5° O 21'47		morning rise	-4681 Jan 25 j 10:22	18° O 05'11	
morning max el	-4682 Mar 05 j 08:57	12° O 31'06	26°04'22	direct	-4681 Feb 01 j 01:18	16° O 06'21	
	-4682 Mar 19 j 00:41	0° \approx		desc. node	-4681 Feb 08 j 14:48	18° O 27'34	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning max el	-4681 Feb 15 j 05:39	23° ♁ 42'21	27°08'58		-4680 Jan 07 j 20:44	30° ♁ 11	
	-4681 Feb 20 j 22:34	0° ♁		direct	-4680 Jan 14 j 08:53	27° ♁ 51'18	
	-4681 Mar 12 j 01:48	0° ♁			-4680 Jan 21 j 08:28	0° ♁	
morning set	-4681 Mar 18 j 02:34	11° ♁ 59'29		desc. node	-4680 Jan 26 j 11:50	3° ♁ 48'34	
				morning max el	-4680 Jan 28 j 08:43	5° ♁ 33'21	27°39'49
superior conj	-4681 Mar 25 j 04:59	27° ♁ 14'10	-0°03'56		-4680 Feb 15 j 19:13	0° ♁	
minimum elong	-4681 Mar 25 j 05:10	27° ♁ 15'09	0°04'02	morning set	-4680 Mar 01 j 07:47	26° ♁ 37'44	
behind sun begin	-4681 Mar 25 j 00:18	26° ♁ 48'32			-4680 Mar 02 j 23:01	0° ♁	
behind sun end	-4681 Mar 25 j 10:01	27° ♁ 41'45		max. Earth dist.	-4680 Mar 07 j 06:24	9° ♁ 09'14	1.32808 AU
max. Earth dist.	-4681 Mar 24 j 19:01	26° ♁ 19'38	1.32603 AU				
asc. node	-4681 Mar 25 j 14:01	28° ♁ 03'35		superior conj	-4680 Mar 08 j 15:39	12° ♁ 09'23	-0°28'47
	-4681 Mar 26 j 11:18	0° ♁		minimum elong	-4680 Mar 08 j 16:56	12° ♁ 16'19	0°28'43
evening rise	-4681 Apr 01 j 04:32	12° ♁ 18'43		asc. node	-4680 Mar 11 j 10:58	18° ♁ 15'30	
	-4681 Apr 10 j 06:23	0° ♁		evening rise	-4680 Mar 15 j 15:48	27° ♁ 16'28	
evening max el	-4681 Apr 29 j 08:53	26° ♁ 32'22	25°56'14		-4680 Mar 16 j 23:07	0° ♁	
	-4681 May 03 j 11:19	0° ♁			-4680 Apr 03 j 11:27	0° ♁	
desc. node	-4681 May 07 j 13:24	2° ♁ 25'29		evening max el	-4680 Apr 10 j 02:01	7° ♁ 30'17	24°33'23
retrograde	-4681 May 13 j 11:00	3° ♁ 48'00		desc. node	-4680 Apr 23 j 10:33	14° ♁ 31'48	
evening set	-4681 May 19 j 08:17	2° ♁ 23'49		retrograde	-4680 Apr 24 j 00:37	14° ♁ 32'35	
	-4681 May 23 j 09:36	30° ♁ 17		evening set	-4680 Apr 28 j 15:35	13° ♁ 44'12	
min. Earth dist.	-4681 May 23 j 21:25	29° ♁ 39'15	0.58775 AU	min. Earth dist.	-4680 May 04 j 14:04	10° ♁ 43'47	0.56938 AU
inferior conj	-4681 May 27 j 05:32	27° ♁ 10'47	-4°04'28	inferior conj	-4680 May 07 j 08:32	8° ♁ 56'35	-3°20'42
minimum elong	-4681 May 27 j 02:55	27° ♁ 15'41	4°04'07	minimum elong	-4680 May 07 j 03:08	9° ♁ 05'21	3°19'32
morning rise	-4681 Jun 04 j 00:12	22° ♁ 45'02		morning rise	-4680 May 15 j 17:53	4° ♁ 49'32	
direct	-4681 Jun 06 j 12:09	22° ♁ 24'13		direct	-4680 May 18 j 04:41	4° ♁ 32'52	
morning max el	-4681 Jun 14 j 11:29	26° ♁ 11'03	18°35'27	morning max el	-4680 May 27 j 11:41	8° ♁ 52'09	19°24'57
	-4681 Jun 17 j 20:55	0° ♁		asc. node	-4680 Jun 07 j 10:48	24° ♁ 17'51	
asc. node	-4681 Jun 21 j 13:49	5° ♁ 24'02			-4680 Jun 10 j 12:09	0° ♁	
morning set	-4681 Jun 30 j 17:58	22° ♁ 03'09		morning set	-4680 Jun 13 j 16:52	6° ♁ 16'30	
	-4681 Jul 04 j 20:39	0° ♁					
superior conj	-4681 Jul 09 j 17:16	9° ♁ 13'50	1°49'24	superior conj	-4680 Jun 21 j 21:45	22° ♁ 37'07	1°45'09
minimum elong	-4681 Jul 09 j 17:22	9° ♁ 14'20	1°49'37	minimum elong	-4680 Jun 21 j 20:03	22° ♁ 28'45	1°45'15
max. Earth dist.	-4681 Jul 16 j 21:42	22° ♁ 14'45	1.39680 AU		-4680 Jun 25 j 17:50	0° ♁	
evening rise	-4681 Jul 21 j 03:25	29° ♁ 31'47		max. Earth dist.	-4680 Jun 27 j 23:14	4° ♁ 09'32	1.37754 AU
	-4681 Jul 21 j 10:07	0° ♁		evening rise	-4680 Jul 01 j 20:01	11° ♁ 09'21	
desc. node	-4681 Aug 03 j 12:10	20° ♁ 45'41			-4680 Jul 13 j 03:04	0° ♁	
	-4681 Aug 09 j 20:43	0° ♁		desc. node	-4680 Jul 20 j 09:12	10° ♁ 56'13	
evening max el	-4681 Aug 25 j 06:09	19° ♁ 10'16	23°48'43		-4680 Aug 04 j 03:40	0° ♁	
retrograde	-4681 Sep 04 j 23:46	25° ♁ 30'17		evening max el	-4680 Aug 06 j 16:42	2° ♁ 38'56	25°06'49
evening set	-4681 Sep 10 j 04:36	23° ♁ 18'21		retrograde	-4680 Aug 18 j 11:38	9° ♁ 30'41	
inferior conj	-4681 Sep 15 j 11:58	17° ♁ 00'02	-0°41'34	evening set	-4680 Aug 24 j 07:28	7° ♁ 00'37	
minimum elong	-4681 Sep 15 j 12:56	16° ♁ 56'45	0°40'59	min. Earth dist.	-4680 Aug 28 j 18:49	1° ♁ 55'23	0.66970 AU
min. Earth dist.	-4681 Sep 15 j 01:02	17° ♁ 37'16	0.67336 AU	inferior conj	-4680 Aug 29 j 16:38	0° ♁ 43'31	-1°33'48
asc. node	-4681 Sep 17 j 12:59	14° ♁ 17'37		minimum elong	-4680 Aug 29 j 18:46	0° ♁ 36'29	1°32'44
morning rise	-4681 Sep 20 j 21:13	10° ♁ 50'32			-4680 Aug 30 j 05:54	30° ♁ 17	
direct	-4681 Sep 24 j 21:05	9° ♁ 20'20		asc. node	-4680 Sep 03 j 10:06	25° ♁ 19'45	
morning max el	-4681 Oct 03 j 06:11	14° ♁ 16'21	20°59'11	morning rise	-4680 Sep 04 j 06:09	24° ♁ 41'43	
	-4681 Oct 15 j 12:33	0° ♁		direct	-4680 Sep 07 j 18:49	23° ♁ 29'37	
desc. node	-4681 Oct 30 j 12:01	22° ♁ 25'36		morning max el	-4680 Sep 15 j 07:12	27° ♁ 50'28	19°51'02
morning set	-4681 Nov 01 j 21:52	26° ♁ 10'21			-4680 Sep 17 j 06:22	0° ♁	
	-4681 Nov 04 j 08:23	0° ♁			-4680 Oct 07 j 23:54	0° ♁	
max. Earth dist.	-4681 Nov 10 j 13:15	9° ♁ 56'13	1.42746 AU	morning set	-4680 Oct 10 j 20:53	4° ♁ 26'58	
				desc. node	-4680 Oct 16 j 08:56	13° ♁ 01'26	
superior conj	-4681 Nov 17 j 08:56	21° ♁ 14'52	-1°37'16	max. Earth dist.	-4680 Oct 23 j 01:05	23° ♁ 33'21	1.44068 AU
minimum elong	-4681 Nov 17 j 03:37	20° ♁ 52'24	1°36'57		-4680 Oct 27 j 01:36	0° ♁	
	-4681 Nov 22 j 11:16	0° ♁		superior conj	-4680 Oct 27 j 12:23	0° ♁ 43'34	-1°06'38
evening rise	-4681 Nov 29 j 02:20	11° ♁ 43'02		minimum elong	-4680 Oct 27 j 05:44	0° ♁ 16'41	1°05'53
	-4681 Dec 09 j 16:18	0° ♁		evening rise	-4680 Nov 10 j 04:03	23° ♁ 23'05	
asc. node	-4681 Dec 14 j 11:41	6° ♁ 42'03			-4680 Nov 14 j 01:27	0° ♁	
evening max el	-4681 Dec 16 j 00:01	8° ♁ 21'06	18°07'53	evening max el	-4680 Nov 28 j 12:44	21° ♁ 39'03	18°18'08
retrograde	-4681 Dec 22 j 16:06	11° ♁ 49'45		asc. node	-4680 Nov 30 j 08:48	23° ♁ 18'27	
evening set	-4681 Dec 25 j 08:48	11° ♁ 15'27		retrograde	-4680 Dec 05 j 02:14	25° ♁ 13'04	
inferior conj	-4681 Dec 31 j 22:30	6° ♁ 09'47	4°00'46	evening set	-4680 Dec 07 j 22:38	24° ♁ 30'05	
minimum elong	-4681 Dec 31 j 20:55	6° ♁ 13'43	4°00'26	inferior conj	-4680 Dec 14 j 02:34	19° ♁ 04'58	3°39'09
min. Earth dist.	-4680 Jan 03 j 20:11	3° ♁ 18'03	0.61860 AU	minimum elong	-4680 Dec 13 j 23:40	19° ♁ 13'01	3°38'27
morning rise	-4680 Jan 07 j 07:59	0° ♁ 21'44		min. Earth dist.	-4680 Dec 16 j 10:23	16° ♁ 30'44	0.63618 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning rise	-4680 Dec 20 j 00:04	13° \mathbb{M} 06'03	direct	-4679 Dec 09 j 22:50	23° \mathbb{A} 19'16	
direct	-4680 Dec 27 j 00:31	10° \mathbb{M} 18'05		-4679 Dec 22 j 03:23	0° \mathbb{M}	
morning max el	-4679 Jan 09 j 16:22	18° \mathbb{M} 01'08 27°34'24	morning max el	-4679 Dec 23 j 01:51	0° \mathbb{M} 54'40	26°56'26
desc. node	-4679 Jan 12 j 08:51	20° \mathbb{M} 49'31	desc. node	-4679 Dec 30 j 05:51	9° \mathbb{M} 01'15	
	-4679 Jan 19 j 19:53	0° \mathbb{A}		-4678 Jan 13 j 20:37	0° \mathbb{A}	
	-4679 Feb 07 j 14:14	0° \mathbb{B}	morning set	-4678 Jan 27 j 18:39	24° \mathbb{A} 30'34	
morning set	-4679 Feb 13 j 06:13	10° \mathbb{B} 51'33		-4678 Jan 30 j 14:05	0° \mathbb{B}	
max. Earth dist.	-4679 Feb 18 j 11:32	21° \mathbb{B} 33'44 1.33392 AU	max. Earth dist.	-4678 Feb 01 j 06:49	3° \mathbb{B} 24'06 1.34405 AU	
superior conj	-4679 Feb 20 j 23:33	26° \mathbb{B} 52'11 -0°52'57	superior conj	-4678 Feb 05 j 02:39	11° \mathbb{B} 16'09 -1°15'16	
minimum elong	-4679 Feb 21 j 01:48	27° \mathbb{B} 04'13 0°52'46	minimum elong	-4678 Feb 05 j 05:33	11° \mathbb{B} 31'18 1°15'04	
	-4679 Feb 22 j 10:35	0° \mathbb{C}	evening rise	-4678 Feb 12 j 13:08	26° \mathbb{B} 53'52	
asc. node	-4679 Feb 26 j 07:57	8° \mathbb{C} 21'02	asc. node	-4678 Feb 13 j 04:59	28° \mathbb{B} 15'51	
evening rise	-4679 Feb 28 j 03:14	12° \mathbb{C} 10'06		-4678 Feb 14 j 01:16	0° \mathbb{C}	
	-4679 Mar 09 j 07:55	0° \mathbb{H}	evening max el	-4678 Mar 04 j 16:16	29° \mathbb{C} 10'09 21°29'01	
evening max el	-4679 Mar 22 j 18:25	18° \mathbb{H} 13'53 22°59'49		-4678 Mar 05 j 14:02	0° \mathbb{H}	
retrograde	-4679 Apr 05 j 01:41	24° \mathbb{H} 46'07	retrograde	-4678 Mar 16 j 16:32	4° \mathbb{H} 55'28	
evening set	-4679 Apr 08 j 10:09	24° \mathbb{H} 21'30	evening set	-4678 Mar 19 j 06:09	4° \mathbb{H} 40'32	
desc. node	-4679 Apr 10 j 07:42	23° \mathbb{H} 47'12	desc. node	-4678 Mar 28 j 04:51	0° \mathbb{H} 51'27	
min. Earth dist.	-4679 Apr 16 j 04:51	20° \mathbb{H} 53'44 0.55647 AU	inferior conj	-4678 Mar 28 j 13:00	0° \mathbb{H} 39'59 -0°05'37	
inferior conj	-4679 Apr 17 j 16:31	20° \mathbb{H} 01'51 -1°57'33	minimum elong	-4678 Mar 28 j 12:44	0° \mathbb{H} 40'21 0°05'39	
minimum elong	-4679 Apr 17 j 11:41	20° \mathbb{H} 08'54 1°56'07	transit middle	-4678 Mar 28 j 12:44	0° \mathbb{H} 40'21 0°05'39	
morning rise	-4679 Apr 26 j 15:31	16° \mathbb{H} 03'54	transit begin	-4678 Mar 28 j 08:53	0° \mathbb{H} 45'46	
direct	-4679 Apr 29 j 03:17	15° \mathbb{H} 49'04	transit end	-4678 Mar 28 j 16:34	0° \mathbb{H} 34'57	
morning max el	-4679 May 10 j 01:50	20° \mathbb{H} 55'28 20°34'24	min. Earth dist.	-4678 Mar 28 j 19:08	0° \mathbb{H} 31'20 0.55188 AU	
	-4679 May 17 j 11:37	0° \mathbb{Y}		-4678 Mar 29 j 17:27	30° \mathbb{R} \mathbb{C}	
asc. node	-4679 May 25 j 07:45	13° \mathbb{Y} 40'37	morning rise	-4678 Apr 06 j 19:22	26° \mathbb{C} 35'38	
morning set	-4679 May 28 j 22:12	20° \mathbb{Y} 52'18	direct	-4678 Apr 09 j 16:17	26° \mathbb{C} 17'26	
	-4679 Jun 02 j 08:33	0° \mathbb{B}		-4678 Apr 19 j 12:07	0° \mathbb{H}	
superior conj	-4679 Jun 05 j 14:19	6° \mathbb{B} 38'52 1°33'45	morning max el	-4678 Apr 22 j 05:02	2° \mathbb{H} 17'06 22°01'20	
minimum elong	-4679 Jun 05 j 11:44	6° \mathbb{B} 25'45 1°33'38		-4678 May 10 j 12:13	0° \mathbb{Y}	
max. Earth dist.	-4679 Jun 10 j 05:47	15° \mathbb{B} 54'36 1.36037 AU	asc. node	-4678 May 12 j 04:44	3° \mathbb{Y} 24'57	
evening rise	-4679 Jun 14 j 10:15	23° \mathbb{B} 52'58	morning set	-4678 May 13 j 07:47	5° \mathbb{Y} 44'18	
	-4679 Jun 17 j 18:53	0° \mathbb{I}	superior conj	-4678 May 20 j 15:20	21° \mathbb{Y} 08'31 1°17'14	
	-4679 Jul 06 j 17:31	0° \mathbb{E}	minimum elong	-4678 May 20 j 12:38	20° \mathbb{Y} 54'23 1°16'56	
desc. node	-4679 Jul 07 j 06:17	0° \mathbb{E} 43'58	max. Earth dist.	-4678 May 23 j 22:06	27° \mathbb{Y} 56'39 1.34652 AU	
evening max el	-4679 Jul 20 j 03:27	16° \mathbb{E} 09'09 26°14'07		-4678 May 24 j 22:21	0° \mathbb{B}	
retrograde	-4679 Aug 01 j 18:50	23° \mathbb{E} 21'30	evening rise	-4678 May 28 j 16:46	7° \mathbb{B} 27'40	
evening set	-4679 Aug 08 j 04:47	20° \mathbb{E} 38'13		-4678 Jun 10 j 09:04	0° \mathbb{I}	
min. Earth dist.	-4679 Aug 12 j 07:55	16° \mathbb{E} 10'58 0.66268 AU	desc. node	-4678 Jun 24 j 03:22	19° \mathbb{I} 59'22	
inferior conj	-4679 Aug 13 j 17:45	14° \mathbb{E} 25'36 -2°23'12	evening max el	-4678 Jul 02 j 14:57	29° \mathbb{I} 34'37 27°02'23	
minimum elong	-4679 Aug 13 j 20:51	14° \mathbb{E} 15'58 2°21'54		-4678 Jul 03 j 01:33	0° \mathbb{E}	
morning rise	-4679 Aug 19 j 13:06	8° \mathbb{E} 34'39	retrograde	-4678 Jul 15 j 20:45	6° \mathbb{E} 56'36	
asc. node	-4679 Aug 21 j 07:12	7° \mathbb{E} 48'42	evening set	-4678 Jul 22 j 18:05	4° \mathbb{E} 08'31	
direct	-4679 Aug 22 j 16:55	7° \mathbb{E} 37'23	min. Earth dist.	-4678 Jul 26 j 14:02	0° \mathbb{E} 19'23 0.65204 AU	
morning max el	-4679 Aug 29 j 14:43	11° \mathbb{E} 31'15 18°57'20		-4678 Jul 26 j 20:52	30° \mathbb{R} \mathbb{I}	
	-4679 Sep 11 j 21:36	0° \mathbb{Q}	inferior conj	-4678 Jul 28 j 13:14	28° \mathbb{I} 03'25 -3°07'38	
morning set	-4679 Sep 20 j 10:55	13° \mathbb{Q} 31'11	minimum elong	-4678 Jul 28 j 16:51	27° \mathbb{I} 53'00 3°06'24	
	-4679 Sep 30 j 21:16	0° \mathbb{P}	morning rise	-4678 Aug 03 j 16:01	22° \mathbb{I} 26'36	
desc. node	-4679 Oct 03 j 05:50	3° \mathbb{P} 42'49	direct	-4678 Aug 06 j 13:18	21° \mathbb{I} 41'06	
max. Earth dist.	-4679 Oct 05 j 17:27	7° \mathbb{P} 37'47 1.44740 AU	asc. node	-4678 Aug 08 j 04:18	21° \mathbb{I} 55'24	
superior conj	-4679 Oct 06 j 17:10	9° \mathbb{P} 11'19 -0°21'48	morning max el	-4678 Aug 13 j 02:59	25° \mathbb{I} 16'11 18°19'56	
minimum elong	-4679 Oct 06 j 14:21	9° \mathbb{P} 00'12 0°21'19		-4678 Aug 17 j 01:29	0° \mathbb{E}	
	-4679 Oct 19 j 18:44	0° \mathbb{A}	morning set	-4678 Sep 01 j 03:31	23° \mathbb{E} 53'11	
evening rise	-4679 Oct 22 j 06:32	4° \mathbb{A} 01'26		-4678 Sep 04 j 20:49	0° \mathbb{Q}	
	-4679 Nov 07 j 20:34	0° \mathbb{M}	superior conj	-4678 Sep 15 j 17:47	17° \mathbb{Q} 31'32 0°27'24	
evening max el	-4679 Nov 12 j 00:33	5° \mathbb{M} 03'32 18°46'30	minimum elong	-4678 Sep 15 j 21:09	17° \mathbb{Q} 44'58 0°27'07	
asc. node	-4679 Nov 17 j 05:56	8° \mathbb{M} 39'02	max. Earth dist.	-4678 Sep 18 j 11:33	21° \mathbb{Q} 52'07 1.44690 AU	
retrograde	-4679 Nov 18 j 18:57	8° \mathbb{M} 52'15	desc. node	-4678 Sep 20 j 02:45	24° \mathbb{Q} 26'49	
evening set	-4679 Nov 21 j 20:44	7° \mathbb{M} 58'35		-4678 Sep 23 j 15:31	0° \mathbb{P}	
inferior conj	-4679 Nov 27 j 17:01	2° \mathbb{M} 16'31 3°04'51	evening rise	-4678 Oct 02 j 07:55	13° \mathbb{P} 35'24	
minimum elong	-4679 Nov 27 j 13:47	2° \mathbb{M} 26'19 3°03'52		-4678 Oct 12 j 21:22	0° \mathbb{A}	
min. Earth dist.	-4679 Nov 29 j 10:18	0° \mathbb{M} 11'39 0.65051 AU	greatest brilliancy	-4678 Oct 13 j 12:36	0° \mathbb{A} 58'18 -0.7m	
	-4679 Nov 29 j 14:14	30° \mathbb{R} \mathbb{A}	evening max el	-4678 Oct 26 j 09:02	18° \mathbb{A} 30'29 19°31'31	
morning rise	-4679 Dec 03 j 06:28	26° \mathbb{A} 09'42	retrograde	-4678 Nov 02 j 15:09	22° \mathbb{A} 42'29	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4678 Nov 04 j 03:06	22°♄29'29			-4677 Oct 26 j 03:02	30°♈♊	
evening set	-4678 Nov 06 j 00:23	21°♄35'39		inferior conj	-4677 Oct 26 j 17:37	29°♊10'52	1°33'53
inferior conj	-4678 Nov 11 j 14:52	15°♄39'36	2°22'08	minimum elong	-4677 Oct 26 j 15:34	29°♊17'48	1°33'05
minimum elong	-4678 Nov 11 j 12:00	15°♄48'52	2°21'06	min. Earth dist.	-4677 Oct 27 j 09:34	28°♊17'01	0.66853 AU
min. Earth dist.	-4678 Nov 12 j 18:43	14°♄09'34	0.66125 AU	morning rise	-4677 Oct 31 j 23:45	22°♊55'31	
morning rise	-4678 Nov 16 j 23:23	9°♄27'17		direct	-4677 Nov 06 j 12:15	20°♊31'55	
direct	-4678 Nov 23 j 02:54	6°♄46'29		morning max el	-4677 Nov 17 j 20:04	27°♊16'40	24°33'46
morning max el	-4678 Dec 05 j 11:11	14°♄02'35	25°53'11		-4677 Nov 20 j 09:29	0°♄	
desc. node	-4678 Dec 17 j 02:50	28°♄02'51		desc. node	-4677 Dec 03 j 23:47	17°♄39'38	
	-4678 Dec 18 j 12:55	0°♌			-4677 Dec 12 j 05:08	0°♌	
	-4677 Jan 06 j 14:34	0°♌		morning set	-4677 Dec 23 j 18:55	19°♌08'56	
morning set	-4677 Jan 10 j 16:44	7°♌21'28		max. Earth dist.	-4677 Dec 27 j 13:32	25°♌53'08	1.37715 AU
max. Earth dist.	-4677 Jan 14 j 14:42	14°♌43'26	1.35869 AU		-4677 Dec 29 j 19:16	0°♌	
superior conj	-4677 Jan 19 j 22:24	25°♌13'02	-1°34'15	superior conj	-4676 Jan 03 j 07:29	8°♌33'21	-1°47'52
minimum elong	-4677 Jan 20 j 01:23	25°♌28'05	1°34'10	minimum elong	-4676 Jan 03 j 09:37	8°♌43'41	1°47'58
	-4677 Jan 22 j 06:52	0°♍		evening rise	-4676 Jan 11 j 20:28	25°♌26'15	
evening rise	-4677 Jan 27 j 19:37	11°♍21'23			-4676 Jan 14 j 04:04	0°♍	
asc. node	-4677 Jan 31 j 02:02	17°♍54'25		asc. node	-4676 Jan 17 j 23:06	7°♍10'39	
	-4677 Feb 06 j 18:44	0°♎		evening max el	-4676 Jan 28 j 17:10	22°♍38'02	19°10'46
evening max el	-4677 Feb 14 j 23:31	10°♎36'13	20°10'51	retrograde	-4676 Feb 06 j 12:04	26°♍49'41	
retrograde	-4677 Feb 25 j 07:50	15°♎30'23		evening set	-4676 Feb 08 j 21:35	26°♍32'19	
evening set	-4677 Feb 27 j 16:04	15°♎16'24		inferior conj	-4676 Feb 17 j 00:09	22°♍20'10	3°08'28
inferior conj	-4677 Mar 08 j 11:18	11°♎16'59	1°45'51	minimum elong	-4676 Feb 17 j 05:02	22°♍11'48	3°07'10
minimum elong	-4677 Mar 08 j 15:32	11°♎10'38	1°44'20	min. Earth dist.	-4676 Feb 20 j 00:05	20°♍17'52	0.56948 AU
min. Earth dist.	-4677 Mar 10 j 09:09	10°♎08'22	0.55663 AU	morning rise	-4676 Feb 25 j 09:54	17°♍23'13	
desc. node	-4677 Mar 15 j 02:01	7°♎41'25		desc. node	-4676 Feb 29 j 23:09	16°♍25'15	
morning rise	-4677 Mar 17 j 13:08	6°♎50'00		direct	-4676 Mar 01 j 10:10	16°♍24'45	
direct	-4677 Mar 21 j 07:38	6°♎18'50		morning max el	-4676 Mar 15 j 14:22	23°♍40'28	25°15'31
morning max el	-4677 Apr 03 j 23:21	13°♎04'13	23°39'07		-4676 Mar 21 j 07:20	0°♎	
	-4677 Apr 16 j 21:00	0°♏			-4676 Apr 08 j 12:13	0°♏	
morning set	-4677 Apr 27 j 19:34	20°♏44'56		morning set	-4676 Apr 11 j 07:49	5°♏48'07	
asc. node	-4677 Apr 29 j 01:43	23°♏23'47		asc. node	-4676 Apr 14 j 22:41	13°♏32'10	
	-4677 May 02 j 03:46	0°♐					
superior conj	-4677 May 04 j 21:57	5°♐56'01	0°57'06	superior conj	-4676 Apr 18 j 07:59	20°♏54'08	0°34'30
minimum elong	-4677 May 04 j 19:41	5°♐43'53	0°56'43	minimum elong	-4676 Apr 18 j 06:31	20°♏46'09	0°34'09
max. Earth dist.	-4677 May 07 j 00:08	10°♐23'38	1.33629 AU	max. Earth dist.	-4676 Apr 19 j 09:21	23°♏11'55	1.32962 AU
evening rise	-4677 May 12 j 10:48	21°♐38'01			-4676 Apr 22 j 13:22	0°♐	
	-4677 May 16 j 18:10	0°♑		evening rise	-4676 Apr 25 j 12:50	6°♐12'53	
	-4677 Jun 04 j 05:51	0°♒			-4676 May 08 j 08:13	0°♑	
desc. node	-4677 Jun 11 j 00:30	8°♒27'51		evening max el	-4676 May 27 j 09:01	25°♑19'41	27°15'32
evening max el	-4677 Jun 15 j 01:36	12°♒42'26	27°24'34	desc. node	-4676 May 27 j 21:39	25°♑49'32	
retrograde	-4677 Jun 28 j 16:55	20°♒07'06			-4676 Jun 02 j 04:27	0°♒	
evening set	-4677 Jul 05 j 20:13	17°♒25'54		retrograde	-4676 Jun 10 j 06:44	2°♒43'39	
min. Earth dist.	-4677 Jul 09 j 11:06	14°♒11'02	0.63751 AU	evening set	-4676 Jun 17 j 07:21	0°♒23'26	
inferior conj	-4677 Jul 12 j 00:28	11°♒31'04	-3°44'10		-4676 Jun 17 j 21:09	30°♑♒	
minimum elong	-4677 Jul 12 j 03:51	11°♒22'13	3°43'19	min. Earth dist.	-4676 Jun 20 j 22:15	27°♑32'46	0.61948 AU
morning rise	-4677 Jul 18 j 12:17	6°♒11'41		inferior conj	-4676 Jun 24 j 00:21	24°♑41'27	-4°08'26
direct	-4677 Jul 21 j 05:07	5°♒35'19		minimum elong	-4676 Jun 24 j 02:23	24°♑36'45	4°08'04
asc. node	-4677 Jul 26 j 01:23	7°♒31'09		morning rise	-4676 Jun 30 j 22:50	19°♑42'09	
morning max el	-4677 Jul 27 j 17:37	9°♒00'24	18°00'04	direct	-4676 Jul 03 j 12:53	19°♑12'58	
	-4677 Aug 10 j 17:50	0°♓		morning max el	-4676 Jul 10 j 07:52	22°♑37'37	17°58'34
morning set	-4677 Aug 13 j 21:58	5°♓29'00		asc. node	-4676 Jul 11 j 22:26	24°♑20'47	
					-4676 Jul 16 j 02:12	0°♒	
				morning set	-4676 Jul 26 j 13:08	18°♒04'09	
superior conj	-4677 Aug 26 j 12:04	26°♓46'09	1°08'27		-4676 Aug 02 j 04:30	0°♓	
minimum elong	-4677 Aug 26 j 18:01	27°♓10'31	1°08'01				
	-4677 Aug 28 j 11:30	0°♈		superior conj	-4676 Aug 06 j 09:44	7°♓22'17	1°35'08
max. Earth dist.	-4677 Sep 01 j 04:03	5°♈57'24	1.43925 AU	minimum elong	-4676 Aug 06 j 14:08	7°♓41'15	1°35'03
desc. node	-4677 Sep 06 j 23:43	15°♈10'26		max. Earth dist.	-4676 Aug 13 j 15:33	19°♓33'24	1.42559 AU
evening rise	-4677 Sep 11 j 14:42	22°♈22'19			-4676 Aug 20 j 03:10	0°♈	
	-4677 Sep 16 j 13:55	0°♉		evening rise	-4676 Aug 20 j 20:22	1°♈07'50	
	-4677 Oct 07 j 17:14	0°♉		desc. node	-4676 Aug 23 j 20:41	5°♈50'10	
evening max el	-4677 Oct 09 j 12:10	1°♉57'04	20°31'17		-4676 Sep 09 j 03:48	0°♉	
retrograde	-4677 Oct 17 j 12:23	6°♉40'15		evening max el	-4676 Sep 21 j 08:56	15°♉21'53	21°42'58
evening set	-4677 Oct 21 j 07:13	5°♉17'39		retrograde	-4676 Sep 30 j 08:40	20°♉42'12	
asc. node	-4677 Oct 22 j 00:15	4°♉43'42		evening set	-4676 Oct 04 j 15:14	19°♉01'31	

































































































































Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4676 Oct 07 j 21:25	15° \mathbb{M} 34'41		retrograde	-4675 Sep 14 j 02:26	4° \mathbb{M} 46'24	
inferior conj	-4676 Oct 09 j 23:11	12° \mathbb{M} 47'31	0°42'15	evening set	-4675 Sep 18 j 22:39	2° \mathbb{M} 46'08	
minimum elong	-4676 Oct 09 j 22:13	12° \mathbb{M} 50'51	0°41'56		-4675 Sep 21 j 14:04	30° \mathbb{R} \mathcal{L}	
min. Earth dist.	-4676 Oct 10 j 04:26	12° \mathbb{M} 29'24	0.67272 AU	inferior conj	-4675 Sep 24 j 05:46	26° \mathcal{L} 28'27	-0°10'53
morning rise	-4676 Oct 15 j 05:03	6° \mathbb{M} 31'52		minimum elong	-4675 Sep 24 j 06:01	26° \mathcal{L} 27'36	0°10'38
direct	-4676 Oct 20 j 02:23	4° \mathbb{M} 28'55		transit middle	-4675 Sep 24 j 06:01	26° \mathcal{L} 27'36	0°10'38
morning max el	-4676 Oct 30 j 06:01	10° \mathbb{M} 32'51	23°07'40	transit begin	-4675 Sep 24 j 03:58	26° \mathcal{L} 34'41	
	-4676 Nov 14 j 14:26	0° \mathcal{L}		transit end	-4675 Sep 24 j 08:04	26° \mathcal{L} 20'32	
desc. node	-4676 Nov 19 j 20:42	7° \mathcal{L} 40'48		min. Earth dist.	-4675 Sep 24 j 00:51	26° \mathcal{L} 45'24	0.67396 AU
morning set	-4676 Dec 03 j 19:04	29° \mathcal{L} 36'57		asc. node	-4675 Sep 24 j 18:33	25° \mathcal{L} 44'32	
	-4676 Dec 04 j 00:37	0° \mathbb{M}		morning rise	-4675 Sep 29 j 13:16	20° \mathcal{L} 15'36	
max. Earth dist.	-4676 Dec 08 j 09:31	7° \mathbb{M} 24'29	1.39765 AU	direct	-4675 Oct 03 j 20:30	18° \mathcal{L} 33'43	
				morning max el	-4675 Oct 12 j 20:05	23° \mathcal{L} 53'40	21°43'42
superior conj	-4676 Dec 16 j 01:25	21° \mathbb{M} 04'24	-1°53'25		-4675 Oct 18 j 03:11	0° \mathbb{M}	
minimum elong	-4676 Dec 16 j 01:25	21° \mathbb{M} 04'26	1°53'35	desc. node	-4675 Nov 06 j 17:37	27° \mathbb{M} 59'36	
	-4676 Dec 20 j 19:52	0° \mathcal{L}			-4675 Nov 08 j 00:58	0° \mathcal{L}	
evening rise	-4676 Dec 25 j 12:53	9° \mathcal{L} 00'33		morning set	-4675 Nov 13 j 14:47	8° \mathcal{L} 43'26	
asc. node	-4675 Jan 03 j 20:11	25° \mathcal{L} 56'12		max. Earth dist.	-4675 Nov 20 j 09:55	19° \mathcal{L} 44'49	1.41752 AU
	-4675 Jan 06 j 12:09	0° \mathcal{L}			-4675 Nov 26 j 11:30	0° \mathbb{M}	
evening max el	-4675 Jan 10 j 19:41	5° \mathcal{L} 11'08	18°30'40	superior conj	-4675 Nov 27 j 22:50	2° \mathbb{M} 33'15	-1°47'24
retrograde	-4675 Jan 18 j 10:24	8° \mathcal{L} 54'35		minimum elong	-4675 Nov 27 j 19:30	2° \mathbb{M} 18'44	1°47'21
evening set	-4675 Jan 20 j 22:43	8° \mathcal{L} 31'35		evening rise	-4675 Dec 08 j 17:36	21° \mathbb{M} 57'17	
inferior conj	-4675 Jan 28 j 09:02	4° \mathcal{L} 00'02	3°53'05		-4675 Dec 13 j 03:23	0° \mathcal{L}	
minimum elong	-4675 Jan 28 j 11:34	3° \mathcal{L} 55'00	3°52'35	asc. node	-4675 Dec 21 j 17:16	14° \mathcal{L} 01'33	
min. Earth dist.	-4675 Jan 31 j 18:01	1° \mathcal{L} 20'12	0.58757 AU	evening max el	-4675 Dec 25 j 04:27	18° \mathcal{L} 07'52	18°10'35
	-4675 Feb 02 j 14:54	30° \mathbb{R} \mathcal{L}		retrograde	-4674 Jan 01 j 01:45	21° \mathcal{L} 37'52	
morning rise	-4675 Feb 04 j 22:11	28° \mathcal{L} 37'48		evening set	-4674 Jan 03 j 16:53	21° \mathcal{L} 07'54	
direct	-4675 Feb 11 j 01:54	27° \mathcal{L} 00'53		inferior conj	-4674 Jan 10 j 13:21	16° \mathcal{L} 14'43	4°05'02
desc. node	-4675 Feb 15 j 20:15	27° \mathcal{L} 56'59		minimum elong	-4674 Jan 10 j 13:02	16° \mathcal{L} 15'27	4°04'49
	-4675 Feb 19 j 18:25	0° \mathcal{L}		min. Earth dist.	-4674 Jan 13 j 17:39	13° \mathcal{L} 20'41	0.60754 AU
morning max el	-4675 Feb 25 j 07:52	4° \mathcal{L} 32'46	26°35'31	morning rise	-4674 Jan 17 j 07:46	10° \mathcal{L} 34'46	
	-4675 Mar 15 j 22:28	0° \approx		direct	-4674 Jan 24 j 04:34	8° \mathcal{L} 20'38	
morning set	-4675 Mar 26 j 18:50	20° \approx 47'20		desc. node	-4674 Feb 02 j 17:19	12° \mathcal{L} 04'30	
	-4675 Mar 31 j 02:18	0° \mathcal{H}		morning max el	-4674 Feb 07 j 07:07	15° \mathcal{L} 59'57	27°26'23
asc. node	-4675 Apr 01 j 19:39	3° \mathcal{H} 45'31			-4674 Feb 18 j 19:31	0° \mathcal{L}	
superior conj	-4675 Apr 02 j 19:35	5° \mathcal{H} 56'23	0°10'22		-4674 Mar 08 j 08:31	0° \approx	
minimum elong	-4675 Apr 02 j 19:08	5° \mathcal{H} 53'55	0°10'09	morning set	-4674 Mar 11 j 02:45	5° \approx 35'30	
behind sun begin	-4675 Apr 02 j 15:17	5° \mathcal{H} 32'51		max. Earth dist.	-4674 Mar 17 j 11:16	19° \approx 08'11	1.32644 AU
behind sun end	-4675 Apr 02 j 22:58	6° \mathcal{H} 14'58		superior conj	-4674 Mar 18 j 07:04	20° \approx 56'14	-0°14'30
max. Earth dist.	-4675 Apr 02 j 22:16	6° \mathcal{H} 11'04	1.32633 AU	minimum elong	-4674 Mar 18 j 07:43	20° \approx 59'48	0°14'32
evening rise	-4675 Apr 09 j 20:07	21° \mathcal{H} 03'04		behind sun begin	-4674 Mar 18 j 05:45	20° \approx 48'59	
	-4675 Apr 14 j 06:30	0° \mathcal{Y}		behind sun end	-4674 Mar 18 j 09:42	21° \approx 10'37	
	-4675 May 02 j 21:32	0° \mathcal{L}		asc. node	-4674 Mar 19 j 16:36	23° \approx 59'23	
evening max el	-4675 May 09 j 11:09	7° \mathcal{L} 17'55	26°33'52		-4674 Mar 22 j 10:55	0° \mathcal{H}	
desc. node	-4675 May 14 j 18:48	11° \mathcal{L} 37'01		evening rise	-4674 Mar 25 j 06:29	6° \mathcal{H} 00'31	
retrograde	-4675 May 23 j 13:02	14° \mathcal{L} 38'23			-4674 Apr 07 j 00:54	0° \mathcal{Y}	
evening set	-4675 May 29 j 23:29	12° \mathcal{L} 52'02		evening max el	-4674 Apr 21 j 07:18	18° \mathcal{Y} 35'50	25°23'20
min. Earth dist.	-4675 Jun 03 j 00:26	10° \mathcal{L} 09'51	0.59929 AU	desc. node	-4674 May 01 j 15:58	25° \mathcal{Y} 14'31	
inferior conj	-4675 Jun 06 j 09:23	7° \mathcal{L} 26'33	-4°13'41	retrograde	-4674 May 05 j 09:15	25° \mathcal{Y} 47'06	
minimum elong	-4675 Jun 06 j 08:43	7° \mathcal{L} 27'54	4°13'32	evening set	-4674 May 10 j 18:08	24° \mathcal{Y} 39'26	
morning rise	-4675 Jun 13 j 20:11	2° \mathcal{L} 48'39		min. Earth dist.	-4674 May 15 j 19:49	21° \mathcal{Y} 49'28	0.57942 AU
direct	-4675 Jun 16 j 08:36	2° \mathcal{L} 25'11		inferior conj	-4674 May 19 j 00:00	19° \mathcal{Y} 36'30	-3°50'37
morning max el	-4675 Jun 23 j 18:55	6° \mathcal{L} 00'35	18°16'16	minimum elong	-4674 May 18 j 19:59	19° \mathcal{Y} 43'34	3°49'59
asc. node	-4675 Jun 28 j 19:26	12° \mathcal{L} 09'10		morning rise	-4674 May 27 j 00:46	15° \mathcal{Y} 19'02	
	-4675 Jul 09 j 01:39	0° \mathbb{I}		direct	-4674 May 29 j 12:05	15° \mathcal{Y} 00'10	
morning set	-4675 Jul 09 j 19:53	1° \mathbb{I} 26'02		morning max el	-4674 Jun 06 j 23:49	18° \mathcal{Y} 59'25	18°53'59
superior conj	-4675 Jul 19 j 09:05	19° \mathbb{I} 15'43	1°47'37		-4674 Jun 15 j 06:19	0° \mathcal{L}	
minimum elong	-4675 Jul 19 j 10:40	19° \mathbb{I} 22'52	1°47'48	asc. node	-4674 Jun 15 j 16:24	0° \mathcal{L} 42'19	
	-4675 Jul 25 j 10:33	0° \mathcal{L}		morning set	-4674 Jun 23 j 13:52	15° \mathcal{L} 23'12	
max. Earth dist.	-4675 Jul 26 j 20:59	2° \mathcal{L} 27'48	1.40784 AU		-4674 Jul 01 j 01:18	0° \mathbb{I}	
evening rise	-4675 Jul 31 j 20:11	10° \mathcal{L} 46'00		superior conj	-4674 Jul 02 j 04:31	2° \mathbb{I} 10'18	1°48'38
desc. node	-4675 Aug 10 j 17:41	26° \mathcal{L} 22'41		minimum elong	-4674 Jul 02 j 03:44	2° \mathbb{I} 06'34	1°48'48
	-4675 Aug 13 j 03:23	0° \mathcal{L}		max. Earth dist.	-4674 Jul 08 j 22:48	14° \mathbb{I} 41'16	1.38848 AU
evening max el	-4675 Sep 04 j 00:04	28° \mathcal{L} 47'14	23°02'10	evening rise	-4674 Jul 12 j 22:12	21° \mathbb{I} 40'13	
	-4675 Sep 05 j 06:03	0° \mathbb{M}					

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4674 Jul 17 j 21:10	0°☿			-4673 Jun 22 j 22:59	0°♊	
desc. node	-4674 Jul 28 j 14:43	16°☿42'45		evening rise	-4673 Jun 25 j 00:42	3°♊47'43	
	-4674 Aug 07 j 02:17	0°♊			-4673 Jul 10 j 21:01	0°☿	
evening max el	-4674 Aug 17 j 11:43	12°♊14'45	24°22'49	desc. node	-4673 Jul 15 j 11:45	6°☿44'26	
retrograde	-4674 Aug 28 j 16:32	18°♊48'57		evening max el	-4673 Jul 30 j 22:18	25°☿44'46	25°37'15
evening set	-4674 Sep 03 j 03:41	16°♊29'13			-4673 Aug 04 j 22:09	0°♊	
inferior conj	-4674 Sep 08 j 11:37	10°♊11'12	-1°03'56	retrograde	-4673 Aug 12 j 02:16	2°♊45'51	
minimum elong	-4674 Sep 08 j 13:06	10°♊06'13	1°03'08	evening set	-4673 Aug 18 j 04:27	0°♊09'21	
min. Earth dist.	-4674 Sep 07 j 20:16	11°♊02'55	0.67220 AU		-4673 Aug 18 j 08:41	30°☿☿	
asc. node	-4674 Sep 11 j 15:39	6°♊11'28		min. Earth dist.	-4673 Aug 22 j 12:15	25°☿20'16	0.66720 AU
morning rise	-4674 Sep 13 j 22:27	4°♊04'26		inferior conj	-4673 Aug 23 j 15:01	23°☿54'05	-1°55'12
direct	-4674 Sep 17 j 17:24	2°♊42'04		minimum elong	-4673 Aug 23 j 17:35	23°☿45'46	1°54'01
morning max el	-4674 Sep 25 j 16:48	7°♊22'00	20°28'33	morning rise	-4673 Aug 29 j 06:49	17°☿56'38	
	-4674 Oct 12 j 11:48	0°♎		asc. node	-4673 Aug 29 j 12:46	17°☿47'20	
morning set	-4674 Oct 23 j 15:13	16°♎59'50		direct	-4673 Sep 01 j 15:31	16°☿51'07	
desc. node	-4674 Oct 24 j 14:32	18°♎30'24		morning max el	-4673 Sep 08 j 20:44	20°☿58'59	19°26'19
	-4674 Oct 31 j 21:34	0°♏			-4673 Sep 16 j 00:48	0°♊	
max. Earth dist.	-4674 Nov 02 j 18:11	2°♏58'51	1.43384 AU	morning set	-4673 Oct 02 j 18:19	25°♊30'35	
					-4673 Oct 05 j 15:19	0°♎	
superior conj	-4674 Nov 08 j 18:20	12°♏47'08	-1°26'20	desc. node	-4673 Oct 11 j 11:27	9°♎08'55	
minimum elong	-4674 Nov 08 j 11:57	12°♏20'43	1°25'46	max. Earth dist.	-4673 Oct 16 j 08:51	16°♎51'50	1.44441 AU
	-4674 Nov 18 j 21:34	0°♐					
evening rise	-4674 Nov 21 j 06:31	4°♐08'12		superior conj	-4673 Oct 19 j 10:42	21°♎45'16	-0°48'56
	-4674 Dec 07 j 10:48	0°♑		minimum elong	-4673 Oct 19 j 05:01	21°♎22'36	0°48'12
evening max el	-4674 Dec 08 j 16:34	1°♑20'31	18°09'59		-4673 Oct 24 j 13:54	0°♏	
asc. node	-4674 Dec 08 j 14:21	1°♑14'53		evening rise	-4673 Nov 02 j 22:53	15°♏23'18	
retrograde	-4674 Dec 15 j 06:21	4°♑49'49			-4673 Nov 11 j 18:39	0°♐	
evening set	-4674 Dec 18 j 00:36	4°♑11'51		evening max el	-4673 Nov 22 j 05:13	14°♐41'51	18°28'03
	-4674 Dec 23 j 09:37	30°☿♐		asc. node	-4673 Nov 25 j 11:29	17°♐21'17	
inferior conj	-4674 Dec 24 j 09:52	28°♐57'37	3°53'28	retrograde	-4673 Nov 28 j 19:52	18°♐21'07	
minimum elong	-4674 Dec 24 j 07:35	29°♐03'33	3°53'00	evening set	-4673 Dec 01 j 18:23	17°♐33'44	
min. Earth dist.	-4674 Dec 27 j 01:52	26°♐11'38	0.62647 AU	inferior conj	-4673 Dec 07 j 18:47	12°♐00'45	3°25'54
morning rise	-4674 Dec 30 j 13:45	23°♐04'51		minimum elong	-4673 Dec 07 j 15:38	12°♐09'50	3°25'03
direct	-4673 Jan 06 j 15:46	20°♐25'09		min. Earth dist.	-4673 Dec 09 j 20:12	9°♐38'20	0.64266 AU
morning max el	-4673 Jan 20 j 12:17	28°♐07'31	27°41'50	morning rise	-4673 Dec 13 j 12:25	5°♐58'13	
desc. node	-4673 Jan 20 j 14:21	28°♐12'36		direct	-4673 Dec 20 j 10:04	3°♐07'51	
	-4673 Jan 22 j 08:15	0°♑		morning max el	-4672 Jan 02 j 21:12	10°♐48'23	27°22'01
	-4673 Feb 12 j 12:20	0°☿		desc. node	-4672 Jan 07 j 11:23	15°♐46'54	
morning set	-4673 Feb 23 j 05:27	20°☿05'03			-4672 Jan 18 j 03:41	0°♑	
	-4673 Feb 27 j 24:00	0°♒			-4672 Feb 04 j 21:21	0°☿	
max. Earth dist.	-4673 Feb 28 j 20:35	1°♒49'48	1.33011 AU	morning set	-4672 Feb 07 j 00:07	4°☿05'46	
				max. Earth dist.	-4672 Feb 11 j 22:14	14°☿02'11	1.33774 AU
superior conj	-4673 Mar 02 j 16:50	5°♒47'47	-0°39'11				
minimum elong	-4673 Mar 02 j 18:33	5°♒57'03	0°39'02	superior conj	-4672 Feb 14 j 22:58	20°☿23'32	-1°02'43
asc. node	-4673 Mar 06 j 13:35	14°♒09'48		minimum elong	-4672 Feb 15 j 01:33	20°☿37'12	1°02'30
evening rise	-4673 Mar 09 j 18:06	20°♒58'19			-4672 Feb 19 j 11:08	0°♒	
	-4673 Mar 14 j 04:22	0°♓		asc. node	-4672 Feb 21 j 10:36	4°♒11'35	
evening max el	-4673 Apr 02 j 23:38	29°♓25'39	23°54'05	evening rise	-4672 Feb 22 j 05:09	5°♒48'56	
	-4673 Apr 03 j 14:17	0°♑			-4672 Mar 06 j 09:59	0°♓	
retrograde	-4673 Apr 16 j 17:07	6°♑16'39		evening max el	-4672 Mar 14 j 17:29	10°♓10'59	22°20'03
desc. node	-4673 Apr 18 j 13:05	6°♑09'06		retrograde	-4672 Mar 27 j 13:06	16°♓25'08	
evening set	-4673 Apr 20 j 18:34	5°♑40'11		evening set	-4672 Mar 30 j 11:58	16°♓05'55	
min. Earth dist.	-4673 Apr 27 j 11:18	2°♑29'47	0.56309 AU	desc. node	-4672 Apr 04 j 10:15	14°♓19'14	
inferior conj	-4673 Apr 29 j 18:34	1°♑05'10	-2°50'09	min. Earth dist.	-4672 Apr 08 j 01:27	12°♓22'35	0.55345 AU
minimum elong	-4673 Apr 29 j 12:51	1°♑13'58	2°48'41	inferior conj	-4672 Apr 08 j 20:15	11°♓55'55	-1°12'11
	-4673 May 01 j 13:42	30°☿♓		minimum elong	-4672 Apr 08 j 17:00	12°♓00'31	1°11'11
morning rise	-4673 May 08 j 10:02	27°♓03'24		morning rise	-4672 Apr 17 j 23:37	7°♓57'53	
direct	-4673 May 10 j 21:01	26°♓47'44		direct	-4672 Apr 20 j 13:55	7°♓42'30	
	-4673 May 19 j 03:58	0°♑		morning max el	-4672 May 02 j 05:23	13°♓10'50	21°09'33
morning max el	-4673 May 20 j 19:54	1°♑25'18	19°52'04		-4672 May 14 j 11:21	0°♑	
asc. node	-4673 Jun 02 j 13:24	19°♑49'51		asc. node	-4672 May 19 j 10:24	9°♑22'38	
morning set	-4673 Jun 07 j 15:52	29°♑47'27		morning set	-4672 May 21 j 23:17	14°♑31'05	
	-4673 Jun 07 j 18:22	0°♒					
superior conj	-4673 Jun 15 j 14:41	15°♒51'33	1°41'03	superior conj	-4672 May 29 j 11:16	0°♒06'33	1°27'16
minimum elong	-4673 Jun 15 j 12:30	15°♒40'40	1°41'04	minimum elong	-4672 May 29 j 08:34	29°♑52'35	1°27'04
					-4672 May 29 j 10:00	0°♒	
max. Earth dist.	-4673 Jun 21 j 02:11	26°♒30'21	1.36995 AU	max. Earth dist.	-4672 Jun 02 j 12:36	8°♒20'19	1.35403 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening rise	-4672 Jun 06 j 22:29	16°  54'36		max. Earth dist.	-4671 May 16 j 08:56	20°  31'11	1.34168 AU
	-4672 Jun 14 j 04:13	0°  II		evening rise	-4671 May 21 j 10:22	0°  45'47	
desc. node	-4672 Jul 01 j 08:48	26°  II19'49			-4671 May 21 j 01:04	0°  8	
	-4672 Jul 04 j 04:44	0°  6			-4671 Jun 07 j 04:02	0°  II	
evening max el	-4672 Jul 12 j 09:16	9°  613'31	26°37'22	desc. node	-4671 Jun 18 j 05:55	15°  II17'16	
retrograde	-4672 Jul 25 j 07:19	16°  631'19		evening max el	-4671 Jun 24 j 20:26	22°  II32'13	27°15'23
evening set	-4672 Jul 31 j 22:44	13°  644'24		retrograde	-4671 Jul 08 j 07:05	29°  II56'57	
min. Earth dist.	-4672 Aug 04 j 22:32	9°  633'53	0.65862 AU	evening set	-4671 Jul 15 j 07:44	27°  II09'57	
inferior conj	-4672 Aug 06 j 14:01	7°  634'42	-2°42'49	min. Earth dist.	-4671 Jul 19 j 01:01	23°  II36'16	0.64626 AU
minimum elong	-4672 Aug 06 j 17:24	7°  624'29	2°41'31	inferior conj	-4671 Jul 21 j 06:20	21°  II08'39	-3°24'22
morning rise	-4672 Aug 12 j 12:22	1°  649'43		minimum elong	-4671 Jul 21 j 09:57	20°  II58'35	3°23'16
asc. node	-4672 Aug 15 j 09:54	0°  658'01		morning rise	-4671 Jul 27 j 12:46	15°  II39'00	
direct	-4672 Aug 15 j 13:07	0°  657'54		direct	-4671 Jul 30 j 07:47	14°  II57'52	
morning max el	-4672 Aug 22 j 06:41	4°  642'36	18°39'25	asc. node	-4671 Aug 02 j 07:00	15°  II43'51	
	-4672 Sep 08 j 14:56	0°  6		morning max el	-4671 Aug 05 j 20:18	18°  II27'57	18°09'17
morning set	-4672 Sep 11 j 19:08	5°  606'52			-4671 Aug 14 j 07:44	0°  6	
				morning set	-4671 Aug 23 j 23:09	16°  600'59	
superior conj	-4672 Sep 27 j 10:48	0°  601'32	-0°00'39		-4671 Sep 01 j 08:55	0°  6	
minimum elong	-4672 Sep 27 j 10:45	0°  601'18	0°00'32	superior conj	-4671 Sep 06 j 16:48	8°  6038'50	0°46'21
behind sun begin	-4672 Sep 26 j 23:21	29°  6016'24		minimum elong	-4671 Sep 06 j 21:53	8°  6059'16	0°45'56
behind sun end	-4672 Sep 27 j 22:08	0°  646'12		max. Earth dist.	-4671 Sep 10 j 19:44	15°  6013'48	1.44440 AU
desc. node	-4672 Sep 27 j 08:20	29°  6051'47		desc. node	-4671 Sep 14 j 05:16	20°  6035'50	
	-4672 Sep 27 j 10:25	0°  6			-4671 Sep 20 j 05:33	0°  6	
max. Earth dist.	-4672 Sep 28 j 02:31	1°  603'26	1.44801 AU	evening rise	-4671 Sep 23 j 06:31	4°  643'23	
evening rise	-4672 Oct 13 j 14:40	25°  634'17		greatest brilliancy	-4671 Oct 06 j 09:16	24°  648'05	-0.7m
	-4672 Oct 16 j 09:25	0°  6			-4671 Oct 09 j 22:04	0°  6	
evening max el	-4672 Nov 04 j 15:50	28°  607'33	19°03'40	evening max el	-4671 Oct 18 j 22:10	11°  633'56	19°55'20
	-4672 Nov 06 j 16:38	0°  6		retrograde	-4671 Oct 26 j 11:27	15°  658'38	
asc. node	-4672 Nov 11 j 08:39	2°  605'16		asc. node	-4671 Oct 29 j 05:50	15°  614'08	
retrograde	-4672 Nov 11 j 14:34	2°  605'36		evening set	-4671 Oct 30 j 00:24	14°  645'37	
evening set	-4672 Nov 14 j 19:11	1°  606'44		inferior conj	-4671 Nov 04 j 12:57	8°  644'43	2°02'13
	-4672 Nov 16 j 07:09	30°  608		minimum elong	-4671 Nov 04 j 10:23	8°  653'12	2°01'15
inferior conj	-4672 Nov 20 j 12:45	25°  618'10	2°47'38	min. Earth dist.	-4671 Nov 05 j 11:39	7°  629'45	0.66472 AU
minimum elong	-4672 Nov 20 j 09:36	25°  628'01	2°46'35	morning rise	-4671 Nov 09 j 20:08	2°  630'35	
min. Earth dist.	-4672 Nov 22 j 00:07	23°  627'42	0.65543 AU		-4671 Nov 14 j 18:14	30°  608	
morning rise	-4672 Nov 25 j 23:43	19°  608'27		direct	-4671 Nov 15 j 17:25	29°  656'08	
direct	-4672 Dec 02 j 10:53	16°  620'59			-4671 Nov 16 j 17:08	0°  6	
morning max el	-4672 Dec 15 j 07:04	23°  650'27	26°32'12	morning max el	-4671 Nov 27 j 16:03	7°  601'05	25°20'45
	-4672 Dec 20 j 20:44	0°  6		desc. node	-4671 Dec 11 j 05:23	23°  639'52	
desc. node	-4672 Dec 24 j 08:24	4°  6022'08			-4671 Dec 15 j 15:16	0°  6	
	-4671 Jan 10 j 12:01	0°  6		morning set	-4670 Jan 02 j 21:28	29°  6052'13	
morning set	-4671 Jan 20 j 07:05	17°  626'22			-4670 Jan 02 j 23:11	0°  6	
max. Earth dist.	-4671 Jan 24 j 12:51	25°  6238'41	1.34975 AU	max. Earth dist.	-4670 Jan 06 j 15:48	6°  6247'42	1.36608 AU
	-4671 Jan 26 j 17:04	0°  6					
superior conj	-4671 Jan 28 j 23:17	4°  636'48	-1°23'50	superior conj	-4670 Jan 12 j 14:57	18°  6219'13	-1°40'50
minimum elong	-4671 Jan 29 j 02:19	4°  652'23	1°23'40	minimum elong	-4670 Jan 12 j 17:43	18°  6232'54	1°40'50
evening rise	-4671 Feb 05 j 13:51	20°  626'25			-4670 Jan 18 j 10:02	0°  6	
asc. node	-4671 Feb 07 j 07:38	24°  6300'04		evening rise	-4670 Jan 20 j 18:11	4°  6344'39	
	-4671 Feb 10 j 08:31	0°  6		asc. node	-4670 Jan 25 j 04:42	13°  6329'51	
evening max el	-4671 Feb 24 j 18:54	21°  617'57	20°53'44		-4670 Feb 04 j 12:06	0°  6	
retrograde	-4671 Mar 08 j 02:58	26°  641'41		evening max el	-4670 Feb 07 j 06:46	2°  659'57	19°43'01
evening set	-4671 Mar 10 j 12:42	26°  628'02		retrograde	-4670 Feb 16 j 22:21	7°  634'06	
inferior conj	-4671 Mar 19 j 15:42	22°  629'52	0°43'43	evening set	-4670 Feb 19 j 06:39	7°  619'08	
minimum elong	-4671 Mar 19 j 17:40	22°  627'03	0°42'54	inferior conj	-4670 Feb 27 j 19:04	3°  616'02	2°25'24
min. Earth dist.	-4671 Mar 20 j 15:44	21°  655'25	0.55278 AU	minimum elong	-4670 Feb 28 j 00:06	3°  608'05	2°23'47
desc. node	-4671 Mar 22 j 07:26	20°  659'45		min. Earth dist.	-4670 Mar 02 j 06:19	1°  642'58	0.56122 AU
morning rise	-4671 Mar 28 j 21:46	18°  617'17			-4670 Mar 05 j 06:42	30°  608	
direct	-4671 Apr 01 j 02:01	17°  655'16		morning rise	-4670 Mar 08 j 15:05	28°  636'06	
morning max el	-4671 Apr 14 j 04:30	24°  616'24	22°42'12	desc. node	-4670 Mar 09 j 04:36	28°  626'08	
	-4671 Apr 19 j 08:33	0°  6		direct	-4670 Mar 12 j 21:59	27°  635'43	
morning set	-4671 May 06 j 09:59	29°  627'11			-4670 Mar 20 j 08:40	0°  6	
asc. node	-4671 May 06 j 07:22	29°  613'33		morning max el	-4670 Mar 26 j 20:37	4°  655'53	24°21'03
	-4671 May 06 j 16:16	0°  6			-4670 Apr 13 j 14:20	0°  6	
superior conj	-4671 May 13 j 14:58	14°  6044'48	1°09'04	morning set	-4670 Apr 20 j 22:11	14°  629'58	
minimum elong	-4671 May 13 j 12:24	14°  6031'12	1°08'43	asc. node	-4670 Apr 23 j 04:20	19°  617'15	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4670 Apr 27 j 23:19	29° X 38'15	0°47'47	superior conj	-4669 Apr 12 j 10:12	14° X 38'45	0°24'26
minimum elong	-4670 Apr 27 j 21:21	29° X 27'39	0°47'23	minimum elong	-4669 Apr 12 j 09:08	14° X 32'59	0°24'07
	-4670 Apr 28 j 03:20	0° Y		max. Earth dist.	-4669 Apr 13 j 01:44	16° X 03'32	1.32786 AU
max. Earth dist.	-4670 Apr 29 j 14:21	3° Y 08'18	1.33304 AU	evening rise	-4669 Apr 19 j 12:49	29° X 51'18	
evening rise	-4670 May 05 j 08:14	15° Y 08'40			-4669 Apr 19 j 14:30	0° Y	
	-4670 May 13 j 02:35	0° Z			-4669 May 06 j 06:31	0° Z	
	-4670 Jun 02 j 03:02	0° II		evening max el	-4669 May 20 j 11:49	17° Z 51'47	27°01'43
desc. node	-4670 Jun 05 j 03:03	3° II 20'49		desc. node	-4669 May 23 j 00:13	20° Z 06'32	
evening max el	-4670 Jun 07 j 06:11	5° II 29'34	27°24'48	retrograde	-4669 Jun 03 j 11:21	25° Z 13'36	
retrograde	-4670 Jun 21 j 00:51	12° II 54'18		evening set	-4669 Jun 10 j 07:28	23° Z 06'47	
evening set	-4670 Jun 28 j 04:01	10° II 20'35		min. Earth dist.	-4669 Jun 14 j 01:17	20° Z 21'43	0.61113 AU
min. Earth dist.	-4670 Jul 01 j 18:08	7° II 17'15	0.63020 AU	inferior conj	-4669 Jun 17 j 07:12	17° Z 31'31	-4°13'30
inferior conj	-4670 Jul 04 j 13:11	4° II 30'36	-3°56'21	minimum elong	-4669 Jun 17 j 08:14	17° Z 29'14	4°13'17
minimum elong	-4670 Jul 04 j 16:09	4° II 23'12	3°55'42	morning rise	-4669 Jun 24 j 10:40	12° Z 40'54	
	-4670 Jul 09 j 20:57	30° R 8		direct	-4669 Jun 27 j 00:03	12° Z 14'09	
morning rise	-4670 Jul 11 j 05:18	29° Z 19'12		morning max el	-4669 Jul 04 j 00:14	15° Z 41'46	18°03'38
direct	-4670 Jul 13 j 20:43	28° Z 46'08		asc. node	-4669 Jul 07 j 01:02	19° Z 09'06	
	-4670 Jul 17 j 18:45	0° II			-4669 Jul 13 j 23:47	0° II	
asc. node	-4670 Jul 20 j 04:02	1° II 53'05		morning set	-4669 Jul 20 j 01:33	11° II 00'53	
morning max el	-4670 Jul 20 j 11:04	2° II 10'08	17°57'02				
morning set	-4670 Aug 06 j 03:09	28° II 04'12		superior conj	-4669 Jul 30 j 07:32	29° II 37'17	1°42'02
	-4670 Aug 07 j 05:25	0° E		minimum elong	-4669 Jul 30 j 10:45	29° II 51'28	1°42'05
					-4669 Jul 30 j 12:41	0° E	
superior conj	-4670 Aug 17 j 22:23	18° E 26'59	1°21'37	max. Earth dist.	-4669 Aug 06 j 19:35	12° E 28'57	1.41850 AU
minimum elong	-4670 Aug 18 j 04:01	18° E 50'33	1°21'19	evening rise	-4669 Aug 12 j 21:52	22° E 25'45	
max. Earth dist.	-4670 Aug 24 j 10:08	29° E 07'36	1.43414 AU		-4669 Aug 17 j 17:20	0° O	
	-4670 Aug 24 j 23:07	0° O		desc. node	-4669 Aug 18 j 23:11	1° O 55'14	
desc. node	-4670 Sep 01 j 02:13	11° O 18'07			-4669 Sep 07 j 12:40	0° O	
evening rise	-4670 Sep 02 j 10:15	13° O 22'48		evening max el	-4669 Sep 14 j 17:01	8° O 24'58	22°16'04
	-4670 Sep 13 j 08:31	0° O		retrograde	-4669 Sep 24 j 03:35	14° O 01'14	
evening max el	-4670 Oct 01 j 22:43	24° O 59'51	21°00'36	evening set	-4669 Sep 28 j 15:53	12° O 12'10	
retrograde	-4670 Oct 10 j 08:20	29° O 57'53		asc. node	-4669 Oct 03 j 00:06	7° O 16'02	
evening set	-4670 Oct 14 j 07:55	28° O 27'57		inferior conj	-4669 Oct 03 j 23:18	5° O 56'20	0°19'47
asc. node	-4670 Oct 16 j 02:59	26° O 49'10		minimum elong	-4669 Oct 03 j 22:50	5° O 57'55	0°19'42
inferior conj	-4670 Oct 19 j 17:07	22° O 17'57	1°12'15	min. Earth dist.	-4669 Oct 04 j 00:10	5° O 53'20	0.67366 AU
minimum elong	-4670 Oct 19 j 15:30	22° O 23'29	1°11'39		-4669 Oct 08 j 21:12	30° R 8	
min. Earth dist.	-4670 Oct 20 j 04:28	21° O 39'10	0.67074 AU	morning rise	-4669 Oct 09 j 05:40	29° O 41'47	
morning rise	-4670 Oct 24 j 22:53	16° O 02'11		direct	-4669 Oct 13 j 20:53	27° O 47'54	
direct	-4670 Oct 30 j 05:00	13° O 46'53			-4669 Oct 19 j 11:27	0° O	
morning max el	-4670 Nov 10 j 00:47	20° O 14'41	23°57'18	morning max el	-4669 Oct 23 j 12:07	3° O 32'22	22°31'16
	-4670 Nov 18 j 08:53	0° A			-4669 Nov 12 j 13:12	0° A	
desc. node	-4670 Nov 28 j 02:18	13° A 27'43		desc. node	-4669 Nov 14 j 23:12	3° A 37'08	
	-4670 Dec 08 j 20:37	0° M		morning set	-4669 Nov 26 j 01:01	20° A 58'28	
morning set	-4670 Dec 15 j 13:09	11° M 06'34			-4669 Dec 01 j 11:28	0° M	
max. Earth dist.	-4670 Dec 19 j 12:09	18° M 00'50	1.38575 AU	max. Earth dist.	-4669 Dec 01 j 09:57	29° A 53'35	1.40637 AU
	-4670 Dec 26 j 01:16	0° X					
				superior conj	-4669 Dec 09 j 04:07	13° M 26'22	-1°52'30
superior conj	-4670 Dec 26 j 18:11	1° X 19'56	-1°51'24	minimum elong	-4669 Dec 09 j 02:49	13° M 20'31	1°52'38
minimum elong	-4670 Dec 26 j 19:35	1° X 26'35	1°51'34		-4669 Dec 18 j 02:59	0° X	
evening rise	-4669 Jan 04 j 15:45	18° X 36'46		evening rise	-4669 Dec 19 j 03:40	1° X 56'14	
	-4669 Jan 10 j 15:14	0° Z		asc. node	-4669 Dec 29 j 22:52	21° X 03'26	
asc. node	-4669 Jan 12 j 01:46	2° Z 33'44		evening max el	-4668 Jan 04 j 09:59	27° X 59'40	18°19'40
evening max el	-4669 Jan 21 j 04:31	15° Z 15'53	18°51'19		-4668 Jan 06 j 20:32	0° Z	
retrograde	-4669 Jan 29 j 09:49	19° Z 13'18		retrograde	-4668 Jan 11 j 15:59	1° Z 35'55	
evening set	-4669 Jan 31 j 20:43	18° Z 53'35		evening set	-4668 Jan 14 j 05:32	1° Z 10'00	
inferior conj	-4669 Feb 08 j 16:07	14° Z 33'43	3°31'54		-4668 Jan 16 j 17:19	30° R 8	
minimum elong	-4669 Feb 08 j 20:13	14° Z 26'15	3°30'58	inferior conj	-4668 Jan 21 j 09:35	26° X 28'57	4°01'36
min. Earth dist.	-4669 Feb 11 j 21:58	12° Z 13'04	0.57673 AU	minimum elong	-4668 Jan 21 j 10:51	26° X 26'16	4°01'19
morning rise	-4669 Feb 16 j 17:16	9° Z 25'32		min. Earth dist.	-4668 Jan 24 j 17:41	23° X 40'28	0.59599 AU
direct	-4669 Feb 22 j 06:20	8° Z 11'23		morning rise	-4668 Jan 28 j 14:20	20° X 58'27	
desc. node	-4669 Feb 24 j 01:44	8° Z 19'18		direct	-4668 Feb 04 j 02:38	19° X 05'15	
morning max el	-4669 Mar 08 j 11:47	15° Z 34'44	25°52'25	desc. node	-4668 Feb 10 j 22:49	21° X 00'53	
	-4669 Mar 20 j 02:52	0° A		morning max el	-4668 Feb 18 j 07:37	26° X 40'22	27°01'23
morning set	-4669 Apr 05 j 10:07	29° A 32'09			-4668 Feb 21 j 11:52	0° Z	
	-4669 Apr 05 j 15:25	0° X			-4668 Mar 12 j 11:55	0° A	
asc. node	-4669 Apr 10 j 01:16	9° X 28'07		morning set	-4668 Mar 19 j 20:04	14° A 27'28	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4668 Mar 26 j 21:55	29° \approx 40'18	-0°00'08			-4667 Mar 04 j 12:07	0° \approx	
minimum elong	-4668 Mar 26 j 21:56	29° \approx 40'23	0°00'17	max. Earth dist.		-4667 Mar 10 j 03:12	11° \approx 55'36	1.32748 AU
behind sun begin	-4668 Mar 26 j 16:57	29° \approx 13'04						
behind sun end	-4668 Mar 27 j 02:56	0° \times 07'41		superior conj		-4667 Mar 11 j 08:53	14° \approx 36'42	-0°25'03
max. Earth dist.	-4668 Mar 26 j 15:20	29° \approx 04'12	1.32599 AU	minimum elong		-4667 Mar 11 j 10:00	14° \approx 42'47	0°25'00
asc. node	-4668 Mar 26 j 22:14	29° \approx 42'00		asc. node		-4667 Mar 13 j 19:14	19° \approx 54'33	
	-4668 Mar 27 j 01:31	0° \times		evening rise		-4667 Mar 18 j 08:44	29° \approx 42'46	
evening rise	-4668 Apr 02 j 21:39	14° \times 45'12				-4667 Mar 18 j 12:01	0° \times	
	-4668 Apr 10 j 15:16	0° γ				-4667 Apr 04 j 07:55	0° γ	
evening max el	-4668 May 01 j 11:14	29° γ 31'32	26°06'47	evening max el		-4667 Apr 13 j 05:01	10° γ 34'02	24°46'51
	-4668 May 01 j 23:18	0° δ		desc. node		-4667 Apr 25 j 18:31	17° γ 34'39	
desc. node	-4668 May 08 j 21:22	5° δ 03'16		retrograde		-4667 Apr 27 j 05:00	17° γ 39'27	
retrograde	-4668 May 15 j 13:20	6° δ 48'44		evening set		-4667 May 02 j 00:38	16° γ 46'26	
evening set	-4668 May 21 j 14:30	5° δ 18'38		min. Earth dist.		-4667 May 07 j 17:14	13° γ 49'05	0.57179 AU
min. Earth dist.	-4668 May 25 j 23:54	2° δ 35'16	0.59073 AU	inferior conj		-4667 May 10 j 14:49	11° γ 54'34	-3°29'55
inferior conj	-4668 May 29 j 08:44	0° δ 02'10	-4°07'56	minimum elong		-4667 May 10 j 09:41	12° γ 03'04	3°28'53
minimum elong	-4668 May 29 j 06:38	0° δ 06'11	4°07'41	morning rise		-4667 May 18 j 21:55	7° γ 45'06	
	-4668 May 29 j 09:52	30° κ γ		direct		-4667 May 21 j 08:46	7° γ 27'57	
morning rise	-4668 Jun 06 j 01:19	25° γ 33'27		morning max el		-4667 May 30 j 10:34	11° γ 41'42	19°16'16
direct	-4668 Jun 08 j 13:24	25° γ 11'59		asc. node		-4667 Jun 09 j 19:01	26° γ 06'28	
morning max el	-4668 Jun 16 j 08:59	28° γ 55'15	18°29'50			-4667 Jun 11 j 22:14	0° δ	
	-4668 Jun 17 j 10:45	0° δ		morning set		-4667 Jun 16 j 11:15	8° δ 48'12	
asc. node	-4668 Jun 22 j 22:00	7° δ 17'31						
morning set	-4668 Jul 02 j 13:29	24° δ 38'32		superior conj		-4667 Jun 24 j 18:29	25° δ 15'15	1°46'18
	-4668 Jul 05 j 08:20	0° Π		minimum elong		-4667 Jun 24 j 17:00	25° δ 07'59	1°46'26
						-4667 Jun 27 j 05:42	0° Π	
superior conj	-4668 Jul 11 j 16:08	11° Π 58'35	1°49'17	max. Earth dist.		-4667 Jul 01 j 00:34	7° Π 04'23	1.38032 AU
minimum elong	-4668 Jul 11 j 16:36	12° Π 00'45	1°49'29	evening rise		-4667 Jul 04 j 21:28	14° Π 01'28	
max. Earth dist.	-4668 Jul 18 j 23:14	25° Π 05'41	1.39967 AU			-4667 Jul 14 j 10:36	0° Θ	
	-4668 Jul 21 j 19:46	0° Θ		desc. node		-4667 Jul 22 j 17:12	12° Θ 36'05	
evening rise	-4668 Jul 23 j 08:27	2° Θ 34'25				-4667 Aug 04 j 19:44	0° Ω	
desc. node	-4668 Aug 04 j 20:11	22° Θ 22'50		evening max el		-4667 Aug 09 j 16:59	5° Ω 18'36	24°55'40
	-4668 Aug 10 j 00:34	0° Ω		retrograde		-4667 Aug 21 j 08:29	12° Ω 06'17	
evening max el	-4668 Aug 27 j 06:12	21° Ω 50'10	23°36'40	evening set		-4667 Aug 27 j 02:02	9° Ω 38'50	
retrograde	-4668 Sep 06 j 19:57	28° Ω 05'12		min. Earth dist.		-4667 Aug 31 j 14:43	4° Ω 27'58	0.67045 AU
evening set	-4668 Sep 11 j 22:31	25° Ω 56'13		inferior conj		-4667 Sep 01 j 10:49	3° Ω 21'19	-1°25'59
inferior conj	-4668 Sep 17 j 05:46	19° Ω 37'50	-0°33'31	minimum elong		-4667 Sep 01 j 12:47	3° Ω 14'47	1°25'01
minimum elong	-4668 Sep 17 j 06:32	19° Ω 35'11	0°33'02			-4667 Sep 04 j 02:35	30° κ Θ	
min. Earth dist.	-4668 Sep 16 j 20:23	20° Ω 09'56	0.67358 AU	asc. node		-4667 Sep 05 j 18:19	28° Θ 16'56	
asc. node	-4668 Sep 18 j 21:13	17° Ω 25'22		morning rise		-4667 Sep 06 j 23:35	27° Θ 18'01	
morning rise	-4668 Sep 22 j 14:30	13° Ω 27'23		direct		-4667 Sep 10 j 13:47	26° Θ 03'21	
direct	-4668 Sep 26 j 16:10	11° Ω 54'20				-4667 Sep 17 j 17:17	0° Ω	
morning max el	-4668 Oct 05 j 04:57	16° Ω 56'28	21°10'24	morning max el		-4667 Sep 18 j 04:52	0° Ω 29'03	20°00'15
	-4668 Oct 15 j 15:13	0° Π				-4667 Oct 09 j 06:52	0° Π	
desc. node	-4668 Oct 31 j 20:06	24° Π 01'20		morning set		-4667 Oct 14 j 09:04	7° Π 51'16	
morning set	-4668 Nov 04 j 10:31	29° Π 37'17		desc. node		-4667 Oct 18 j 17:01	14° Π 35'50	
	-4668 Nov 04 j 16:18	0° $\underline{\Omega}$		max. Earth dist.		-4667 Oct 26 j 00:36	26° Π 08'55	1.43913 AU
max. Earth dist.	-4668 Nov 12 j 13:49	12° $\underline{\Omega}$ 38'07	1.42502 AU			-4667 Oct 28 j 10:16	0° $\underline{\Omega}$	
superior conj	-4668 Nov 19 j 14:59	24° $\underline{\Omega}$ 23'41	-1°40'29	superior conj		-4667 Oct 30 j 22:34	4° $\underline{\Omega}$ 03'46	-1°12'19
minimum elong	-4668 Nov 19 j 10:09	24° $\underline{\Omega}$ 03'06	1°40'13	minimum elong		-4667 Oct 30 j 15:49	3° $\underline{\Omega}$ 36'21	1°11'36
	-4668 Nov 22 j 21:07	0° \mathbb{M}		evening rise		-4667 Nov 13 j 07:00	26° $\underline{\Omega}$ 22'32	
evening rise	-4668 Dec 01 j 02:13	14° \mathbb{M} 34'26				-4667 Nov 15 j 09:47	0° \mathbb{M}	
	-4668 Dec 09 j 20:36	0° \mathbb{N}		evening max el		-4667 Dec 01 j 09:07	24° \mathbb{M} 19'51	18°15'27
asc. node	-4668 Dec 15 j 19:58	8° \mathbb{N} 47'53		asc. node		-4667 Dec 02 j 17:05	25° \mathbb{M} 34'20	
evening max el	-4668 Dec 17 j 20:26	11° \mathbb{N} 03'06	18°07'57	retrograde		-4667 Dec 07 j 22:25	27° \mathbb{M} 52'13	
retrograde	-4668 Dec 24 j 13:39	14° \mathbb{N} 31'48		evening set		-4667 Dec 10 j 18:14	27° \mathbb{M} 10'36	
evening set	-4668 Dec 27 j 05:52	13° \mathbb{N} 58'42		inferior conj		-4667 Dec 16 j 23:29	21° \mathbb{M} 48'20	3°43'20
inferior conj	-4667 Jan 02 j 21:15	8° \mathbb{N} 56'17	4°02'31	minimum elong		-4667 Dec 16 j 20:43	21° \mathbb{M} 55'54	3°42'41
minimum elong	-4667 Jan 02 j 19:58	8° \mathbb{N} 59'25	4°02'14	min. Earth dist.		-4667 Dec 19 j 09:30	19° \mathbb{M} 10'31	0.63379 AU
min. Earth dist.	-4667 Jan 05 j 20:51	6° \mathbb{N} 03'09	0.61580 AU	morning rise		-4667 Dec 22 j 22:31	15° \mathbb{M} 50'55	
morning rise	-4667 Jan 09 j 08:53	3° \mathbb{N} 10'03		direct		-4667 Dec 29 j 23:42	13° \mathbb{M} 04'27	
direct	-4667 Jan 16 j 09:03	0° \mathbb{N} 43'20		morning max el		-4666 Jan 12 j 16:50	20° \mathbb{M} 47'39	27°37'22
desc. node	-4667 Jan 27 j 19:52	6° \mathbb{N} 03'31		desc. node		-4666 Jan 14 j 16:55	22° \mathbb{M} 51'26	
morning max el	-4667 Jan 30 j 09:47	8° \mathbb{N} 25'08	27°37'30			-4666 Jan 20 j 17:43	0° \mathbb{N}	
	-4667 Feb 16 j 00:34	0° \mathbb{Z}				-4666 Feb 09 j 00:30	0° \mathbb{Z}	
morning set	-4667 Mar 04 j 02:03	29° \mathbb{Z} 08'20		morning set		-4666 Feb 16 j 01:42	13° \mathbb{Z} 26'22	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

max. Earth dist.	-4666 Feb 21 j 09:27	24° Z 24'15	1.33277 AU	max. Earth dist.	-4665 Feb 04 j 06:35	6° Z 21'03	1.34228 AU
superior conj	-4666 Feb 23 j 17:21	29° Z 21'55	-0°49'24	superior conj	-4665 Feb 07 j 21:21	13° Z 49'35	-1°12'04
minimum elong	-4666 Feb 23 j 19:28	29° Z 33'17	0°49'12	minimum elong	-4665 Feb 08 j 00:12	14° Z 04'27	1°11'51
	-4666 Feb 24 j 00:26	0° \approx		evening rise	-4665 Feb 15 j 06:37	29° Z 23'43	
asc. node	-4666 Feb 28 j 16:16	10° \approx 01'27		asc. node	-4665 Feb 15 j 13:18	29° Z 58'28	
evening rise	-4666 Mar 02 j 20:18	14° \approx 37'31			-4665 Feb 15 j 13:36	0° \approx	
	-4666 Mar 10 j 15:27	0° X			-4665 Mar 05 j 14:55	0° X	
evening max el	-4666 Mar 25 j 21:17	21° X 18'24	23°13'57	evening max el	-4665 Mar 07 j 17:59	2° X 11'14	21°41'52
retrograde	-4666 Apr 08 j 07:47	27° X 55'59		retrograde	-4665 Mar 19 j 23:28	8° X 04'08	
evening set	-4666 Apr 11 j 20:16	27° X 28'52		evening set	-4665 Mar 22 j 15:08	7° X 48'21	
desc. node	-4666 Apr 12 j 15:42	27° X 15'19		desc. node	-4665 Mar 30 j 12:53	4° X 33'25	
min. Earth dist.	-4666 Apr 19 j 08:15	24° X 06'02	0.55789 AU	inferior conj	-4665 Mar 31 j 22:48	3° X 45'59	-0°23'23
inferior conj	-4666 Apr 21 j 01:23	23° X 05'32	-2°12'35	minimum elong	-4665 Mar 31 j 21:42	3° X 47'31	0°23'07
minimum elong	-4666 Apr 20 j 20:09	23° X 13'15	2°11'04	min. Earth dist.	-4665 Mar 31 j 22:25	3° X 46'30	0.55201 AU
morning rise	-4666 Apr 29 j 22:32	19° X 06'57			-4665 Apr 09 j 01:54	30° R \approx	
direct	-4666 May 02 j 09:53	18° X 52'01		morning rise	-4665 Apr 10 j 04:45	29° \approx 43'54	
morning max el	-4666 May 13 j 02:18	23° X 50'49	20°22'52	direct	-4665 Apr 12 j 23:39	29° \approx 26'40	
	-4666 May 18 j 10:34	0° Y			-4665 Apr 16 j 18:34	0° X	
asc. node	-4666 May 27 j 16:01	15° Y 25'27		morning max el	-4665 Apr 25 j 07:02	5° X 18'07	21°47'30
morning set	-4666 May 31 j 15:52	23° Y 21'18			-4665 May 11 j 23:26	0° Y	
	-4666 Jun 03 j 21:38	0° Z		asc. node	-4665 May 14 j 13:02	5° Y 06'48	
				morning set	-4665 May 16 j 00:56	8° Y 11'02	
superior conj	-4666 Jun 08 j 09:33	9° Z 12'03	1°35'51	superior conj	-4665 May 23 j 09:31	23° Y 37'46	1°20'00
minimum elong	-4666 Jun 08 j 07:03	8° Z 59'24	1°35'46	minimum elong	-4665 May 23 j 06:48	23° Y 23'35	1°19'43
max. Earth dist.	-4666 Jun 13 j 06:12	18° Z 49'52	1.36276 AU		-4665 May 26 j 11:32	0° Z	
evening rise	-4666 Jun 17 j 08:54	26° Z 36'26		max. Earth dist.	-4665 May 26 j 21:01	0° Z 48'12	1.34836 AU
	-4666 Jun 19 j 05:30	0° II		evening rise	-4665 May 31 j 13:17	10° Z 03'54	
	-4666 Jul 07 j 20:12	0° E			-4665 Jun 11 j 16:50	0° II	
desc. node	-4666 Jul 09 j 14:16	2° E 27'43		desc. node	-4665 Jun 26 j 11:21	21° II 48'24	
evening max el	-4666 Jul 23 j 03:46	18° E 49'17	26°05'05		-4665 Jul 03 j 09:45	0° E	
retrograde	-4666 Aug 04 j 16:22	25° E 58'52		evening max el	-4665 Jul 05 j 15:11	2° E 15'46	26°56'40
evening set	-4666 Aug 11 j 00:20	23° E 17'14		retrograde	-4665 Jul 18 j 19:01	9° E 36'36	
min. Earth dist.	-4666 Aug 15 j 04:43	18° E 44'11	0.66401 AU	evening set	-4665 Jul 25 j 15:01	6° E 48'29	
inferior conj	-4666 Aug 16 j 12:38	17° E 03'51	-2°15'57	min. Earth dist.	-4665 Jul 29 j 11:56	2° E 53'57	0.65390 AU
minimum elong	-4666 Aug 16 j 15:36	16° E 54'31	2°14'41	inferior conj	-4665 Jul 31 j 09:06	0° E 42'13	-3°01'21
morning rise	-4666 Aug 22 j 07:01	11° E 11'00		minimum elong	-4665 Jul 31 j 12:41	0° E 31'47	3°00'05
asc. node	-4666 Aug 23 j 15:26	10° E 31'32			-4665 Jul 31 j 23:38	30° R II	
direct	-4666 Aug 25 j 12:03	10° E 11'39		morning rise	-4665 Aug 06 j 10:41	25° II 03'12	
morning max el	-4666 Sep 01 j 11:31	14° E 08'48	19°04'16	direct	-4665 Aug 09 j 08:50	24° II 16'06	
	-4666 Sep 13 j 03:13	0° Ω		asc. node	-4665 Aug 10 j 12:33	24° II 23'24	
morning set	-4666 Sep 23 j 19:49	16° Ω 45'32		morning max el	-4665 Aug 15 j 23:15	27° II 53'16	18°24'25
	-4666 Oct 02 j 05:32	0° P			-4665 Aug 17 j 20:52	0° E	
desc. node	-4666 Oct 05 j 13:55	5° P 16'25		morning set	-4665 Sep 04 j 08:19	26° E 55'39	
max. Earth dist.	-4666 Oct 08 j 16:37	10° P 10'48	1.44688 AU		-4665 Sep 06 j 05:24	0° Ω	
superior conj	-4666 Oct 10 j 05:52	12° P 37'57	-0°29'09	superior conj	-4665 Sep 19 j 05:33	20° Ω 54'39	0°20'14
minimum elong	-4666 Oct 10 j 02:10	12° P 23'17	0°28'36	minimum elong	-4665 Sep 19 j 08:07	21° Ω 04'50	0°20'04
	-4666 Oct 21 j 03:00	0° Q		max. Earth dist.	-4665 Sep 21 j 10:57	24° Ω 25'47	1.44744 AU
evening rise	-4666 Oct 25 j 13:10	7° Q 10'32		desc. node	-4665 Sep 22 j 10:49	25° Ω 59'54	
	-4666 Nov 08 j 20:22	0° M			-4665 Sep 24 j 23:48	0° P	
evening max el	-4666 Nov 14 j 21:17	7° M 43'59	18°41'13	evening rise	-4665 Oct 05 j 18:11	16° P 53'43	
asc. node	-4666 Nov 19 j 14:12	11° M 07'37			-4665 Oct 14 j 03:11	0° Q	
retrograde	-4666 Nov 21 j 14:26	11° M 29'50		greatest brilliancy	-4665 Oct 16 j 03:59	3° Q 08'48	-0.8m
evening set	-4666 Nov 24 j 15:21	10° M 37'48		evening max el	-4665 Oct 29 j 06:22	21° Q 10'23	19°23'49
inferior conj	-4666 Nov 30 j 12:38	4° M 58'02	3°10'42	retrograde	-4665 Nov 05 j 10:19	25° Q 18'32	
minimum elong	-4666 Nov 30 j 09:24	5° M 07'43	3°09'44	asc. node	-4665 Nov 06 j 11:22	25° Q 12'14	
min. Earth dist.	-4666 Dec 02 j 08:00	2° M 48'28	0.64859 AU	evening set	-4665 Nov 08 j 18:20	24° Q 13'46	
	-4666 Dec 04 j 21:39	30° R Q		inferior conj	-4665 Nov 14 j 09:33	18° Q 19'28	2°29'01
morning rise	-4666 Dec 06 j 03:04	28° Q 52'22		minimum elong	-4665 Nov 14 j 06:35	18° Q 28'57	2°27'59
direct	-4666 Dec 12 j 21:01	26° Q 01'33		min. Earth dist.	-4665 Nov 15 j 15:15	16° Q 44'12	0.65983 AU
	-4666 Dec 22 j 00:25	0° M		morning rise	-4665 Nov 19 j 18:37	12° Q 07'47	
morning max el	-4666 Dec 26 j 02:12	3° M 38'20	27°03'58	direct	-4665 Nov 26 j 00:09	9° Q 25'06	
desc. node	-4665 Jan 01 j 13:58	10° M 54'21		morning max el	-4665 Dec 08 j 11:45	16° Q 44'58	26°03'56
	-4665 Jan 15 j 02:59	0° X		desc. node	-4665 Dec 19 j 10:56	29° Q 49'14	
morning set	-4665 Jan 30 j 15:55	27° X 11'43			-4665 Dec 19 j 14:08	0° M	
	-4665 Feb 01 j 02:26	0° Z					

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4664 Jan 08 j 00:19	0°♊		morning set	-4664 Dec 25 j 21:56	22°♎08'00	
morning set	-4664 Jan 13 j 16:27	10°♊10'31		max. Earth dist.	-4664 Dec 29 j 15:55	28°♎52'34	1.37420 AU
max. Earth dist.	-4664 Jan 17 j 16:18	17°♊44'50	1.35625 AU		-4664 Dec 30 j 06:35	0°♊	
superior conj	-4664 Jan 22 j 18:21	27°♊50'42	-1°31'40	superior conj	-4663 Jan 05 j 05:12	11°♊16'26	-1°46'16
minimum elong	-4664 Jan 22 j 21:22	28°♊06'03	1°31'34	minimum elong	-4663 Jan 05 j 07:32	11°♊27'50	1°46'21
	-4664 Jan 23 j 19:45	0°♊		evening rise	-4663 Jan 13 j 15:29	28°♊01'51	
evening rise	-4664 Jan 30 j 13:42	13°♊53'51			-4663 Jan 14 j 15:15	0°♊	
asc. node	-4664 Feb 02 j 10:20	19°♊39'43		asc. node	-4663 Jan 19 j 07:22	8°♊59'19	
	-4664 Feb 07 j 23:37	0°♊		evening max el	-4663 Jan 30 j 15:43	25°♊27'54	19°18'29
evening max el	-4664 Feb 17 j 23:36	13°♊31'43	20°21'23	retrograde	-4663 Feb 08 j 15:49	29°♊45'01	
retrograde	-4664 Feb 28 j 14:05	18°♊33'30		evening set	-4663 Feb 11 j 00:52	29°♊28'25	
evening set	-4664 Mar 01 j 22:26	18°♊19'45		inferior conj	-4663 Feb 19 j 06:00	25°♊18'52	2°58'23
inferior conj	-4664 Mar 10 j 19:53	14°♊21'00	1°30'21	minimum elong	-4663 Feb 19 j 11:02	25°♊10'25	2°56'58
minimum elong	-4664 Mar 10 j 23:39	14°♊15'26	1°28'57	min. Earth dist.	-4663 Feb 22 j 03:13	23°♊23'39	0.56714 AU
min. Earth dist.	-4664 Mar 12 j 12:22	13°♊21'12	0.55537 AU	morning rise	-4663 Feb 27 j 18:35	20°♊26'04	
desc. node	-4664 Mar 16 j 10:04	11°♊15'59		desc. node	-4663 Mar 03 j 07:12	19°♊36'26	
morning rise	-4664 Mar 19 j 23:15	9°♊58'09		direct	-4663 Mar 04 j 14:17	19°♊32'30	
direct	-4664 Mar 23 j 13:41	9°♊29'51		morning max el	-4663 Mar 18 j 17:33	26°♊45'09	25°01'49
morning max el	-4664 Apr 06 j 02:28	16°♊09'15	23°24'18		-4663 Mar 21 j 20:17	0°♊	
	-4664 Apr 17 j 01:07	0°♊			-4663 Apr 09 j 24:00	0°♊	
morning set	-4664 Apr 29 j 12:28	23°♊10'26		morning set	-4663 Apr 14 j 00:43	8°♊13'19	
asc. node	-4664 Apr 30 j 10:00	25°♊03'33		asc. node	-4663 Apr 17 j 06:57	15°♊10'37	
	-4664 May 02 j 17:42	0°♊		superior conj	-4663 Apr 21 j 01:02	23°♊19'40	0°38'04
superior conj	-4664 May 06 j 15:25	8°♊22'48	1°00'21	minimum elong	-4663 Apr 20 j 23:26	23°♊10'57	0°37'41
minimum elong	-4664 May 06 j 13:04	8°♊10'12	0°59'57	max. Earth dist.	-4663 Apr 22 j 05:50	25°♊55'41	1.33037 AU
max. Earth dist.	-4664 May 08 j 21:37	13°♊10'44	1.33756 AU		-4663 Apr 24 j 03:16	0°♊	
evening rise	-4664 May 14 j 05:49	24°♊09'14		evening rise	-4663 Apr 28 j 06:48	8°♊40'55	
	-4664 May 17 j 05:41	0°♊			-4663 May 09 j 15:37	0°♊	
	-4664 Jun 04 j 06:37	0°♊		desc. node	-4663 May 30 j 05:39	27°♊58'17	
desc. node	-4664 Jun 12 j 08:29	10°♊24'57		evening max el	-4663 May 30 j 09:58	28°♊08'40	27°19'02
evening max el	-4664 Jun 17 j 01:59	15°♊26'26	27°23'10		-4663 Jun 01 j 11:02	0°♊	
retrograde	-4664 Jun 30 j 16:08	22°♊51'21		retrograde	-4663 Jun 13 j 07:05	5°♊33'16	
evening set	-4664 Jul 07 j 19:03	20°♊08'04		evening set	-4663 Jun 20 j 08:41	3°♊09'02	
min. Earth dist.	-4664 Jul 11 j 10:22	16°♊48'44	0.63988 AU	min. Earth dist.	-4663 Jun 23 j 23:03	0°♊15'34	0.62229 AU
inferior conj	-4664 Jul 13 j 21:44	14°♊11'32	-3°39'23		-4663 Jun 24 j 05:52	30°♊	
minimum elong	-4664 Jul 14 j 01:13	14°♊02'17	3°38'27	inferior conj	-4663 Jun 26 j 23:29	27°♊24'47	-4°05'54
morning rise	-4664 Jul 20 j 08:06	8°♊49'32		minimum elong	-4663 Jun 27 j 01:48	27°♊19'18	4°05'27
direct	-4664 Jul 23 j 01:27	8°♊12'01		morning rise	-4663 Jul 03 j 20:16	22°♊22'22	
asc. node	-4664 Jul 27 j 09:37	9°♊46'27		direct	-4663 Jul 06 j 10:35	21°♊52'17	
morning max el	-4664 Jul 29 j 13:43	11°♊38'03	18°01'55	morning max el	-4663 Jul 13 j 04:10	25°♊16'33	17°57'36
	-4664 Aug 11 j 02:13	0°♊		asc. node	-4663 Jul 14 j 06:38	26°♊25'39	
morning set	-4664 Aug 15 j 23:12	8°♊21'14			-4663 Jul 17 j 02:51	0°♊	
superior conj	-4664 Aug 28 j 20:17	29°♊58'45	1°03'06	morning set	-4663 Jul 29 j 11:37	20°♊48'11	
minimum elong	-4664 Aug 29 j 02:09	0°♊22'40	1°02'39		-4663 Aug 03 j 14:57	0°♊	
	-4664 Aug 28 j 20:36	0°♊		superior conj	-4663 Aug 09 j 13:47	10°♊22'18	1°32'04
max. Earth dist.	-4664 Sep 03 j 03:50	8°♊33'26	1.44078 AU	minimum elong	-4663 Aug 09 j 18:34	10°♊42'45	1°31'54
desc. node	-4664 Sep 08 j 07:43	16°♊43'38		max. Earth dist.	-4663 Aug 16 j 15:53	22°♊13'27	1.42792 AU
evening rise	-4664 Sep 14 j 02:53	25°♊45'21			-4663 Aug 21 j 11:38	0°♊	
	-4664 Sep 16 j 20:59	0°♊		evening rise	-4663 Aug 24 j 07:20	4°♊27'11	
	-4664 Oct 07 j 10:46	0°♊		desc. node	-4663 Aug 26 j 04:41	7°♊24'01	
evening max el	-4664 Oct 11 j 10:20	4°♊36'46	20°21'30		-4663 Sep 10 j 07:08	0°♊	
retrograde	-4664 Oct 19 j 07:35	9°♊15'06		evening max el	-4663 Sep 24 j 08:03	18°♊01'45	21°31'40
evening set	-4664 Oct 23 j 00:47	7°♊55'05		retrograde	-4663 Oct 03 j 04:04	23°♊16'19	
asc. node	-4664 Oct 23 j 08:30	7°♊40'37		evening set	-4663 Oct 07 j 08:43	21°♊38'33	
inferior conj	-4664 Oct 28 j 11:42	1°♊49'36	1°41'26	asc. node	-4663 Oct 10 j 05:38	18°♊42'07	
minimum elong	-4664 Oct 28 j 09:30	1°♊56'59	1°40'37	inferior conj	-4663 Oct 12 j 16:57	15°♊25'29	0°50'13
min. Earth dist.	-4664 Oct 29 j 05:19	0°♊50'19	0.66766 AU	minimum elong	-4663 Oct 12 j 15:48	15°♊29'26	0°49'50
	-4664 Oct 29 j 20:27	30°♊		min. Earth dist.	-4663 Oct 12 j 23:47	15°♊01'57	0.67232 AU
morning rise	-4664 Nov 02 j 18:01	25°♊34'25		morning rise	-4663 Oct 17 j 22:43	9°♊09'36	
direct	-4664 Nov 08 j 08:47	23°♊07'54		direct	-4663 Oct 22 j 22:18	7°♊03'21	
	-4664 Nov 19 j 21:18	0°♊		morning max el	-4663 Nov 02 j 06:10	13°♊13'45	23°20'27
morning max el	-4664 Nov 19 j 20:41	29°♊58'26	24°46'11		-4663 Nov 15 j 17:45	0°♊	
desc. node	-4664 Dec 05 j 07:52	19°♊21'05		desc. node	-4663 Nov 22 j 04:45	9°♊18'52	
	-4664 Dec 12 j 11:58	0°♊			-4663 Dec 05 j 09:45	0°♊	
































































































































Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning set	-4663 Dec 07 j 02:16	2° \mathbb{M} 48'22		morning max el	-4662 Oct 15 j 19:22	26° \mathbb{Q} 33'11	21°55'46
max. Earth dist.	-4663 Dec 11 j 11:31	10° \mathbb{M} 17'12	1.39457 AU		-4662 Oct 18 j 22:25	0° \mathbb{M}	
				desc. node	-4662 Nov 09 j 01:39	29° \mathbb{M} 35'11	
superior conj	-4663 Dec 19 j 01:42	23° \mathbb{M} 55'35	-1°53'15		-4662 Nov 09 j 08:09	0° \mathbb{A}	
minimum elong	-4663 Dec 19 j 02:07	23° \mathbb{M} 57'31	1°53'26	morning set	-4662 Nov 17 j 02:00	12° \mathbb{A} 05'51	
	-4663 Dec 22 j 07:22	0° \mathbb{A}		max. Earth dist.	-4662 Nov 23 j 11:10	22° \mathbb{A} 30'17	1.41473 AU
evening rise	-4663 Dec 28 j 09:19	11° \mathbb{A} 40'50			-4662 Nov 27 j 21:32	0° \mathbb{M}	
asc. node	-4662 Jan 06 j 04:25	27° \mathbb{A} 49'51					
	-4662 Jan 07 j 12:43	0° \mathbb{B}		superior conj	-4662 Dec 01 j 02:36	5° \mathbb{M} 34'48	-1°49'14
evening max el	-4662 Jan 13 j 17:05	7° \mathbb{B} 56'54	18°35'24	minimum elong	-4662 Nov 30 j 23:49	5° \mathbb{M} 22'34	1°49'14
retrograde	-4662 Jan 21 j 11:13	11° \mathbb{B} 43'24		evening rise	-4662 Dec 11 j 16:03	24° \mathbb{M} 43'43	
evening set	-4662 Jan 23 j 23:11	11° \mathbb{B} 21'17			-4662 Dec 14 j 12:40	0° \mathbb{A}	
inferior conj	-4662 Jan 31 j 11:48	6° \mathbb{B} 53'01	3°48'36	asc. node	-4662 Dec 24 j 01:31	16° \mathbb{A} 01'57	
minimum elong	-4662 Jan 31 j 14:46	6° \mathbb{B} 47'15	3°48'01	evening max el	-4662 Dec 28 j 01:09	20° \mathbb{A} 50'44	18°12'19
min. Earth dist.	-4662 Feb 03 j 20:32	4° \mathbb{B} 17'19	0.58466 AU	retrograde	-4661 Jan 04 j 00:18	24° \mathbb{A} 21'47	
morning rise	-4662 Feb 08 j 04:02	1° \mathbb{B} 34'11		evening set	-4661 Jan 06 j 15:04	23° \mathbb{A} 52'51	
direct	-4662 Feb 14 j 04:17	0° \mathbb{B} 03'09		inferior conj	-4661 Jan 13 j 13:24	19° \mathbb{A} 02'47	4°04'57
desc. node	-4662 Feb 18 j 04:18	0° \mathbb{B} 42'35		minimum elong	-4661 Jan 13 j 13:29	19° \mathbb{A} 02'37	4°04'43
morning max el	-4662 Feb 28 j 10:17	7° \mathbb{B} 33'18	26°25'12	min. Earth dist.	-4661 Jan 16 j 18:59	16° \mathbb{A} 09'30	0.60457 AU
	-4662 Mar 17 j 05:14	0° \mathbb{A}		morning rise	-4661 Jan 20 j 10:23	13° \mathbb{A} 25'14	
morning set	-4662 Mar 29 j 12:01	23° \mathbb{A} 13'45		direct	-4661 Jan 27 j 05:26	11° \mathbb{A} 16'14	
	-4662 Apr 01 j 16:22	0° \mathbb{H}		desc. node	-4661 Feb 05 j 01:23	14° \mathbb{A} 28'46	
asc. node	-4662 Apr 04 j 03:54	5° \mathbb{H} 23'41		morning max el	-4661 Feb 10 j 08:35	18° \mathbb{A} 54'23	27°21'04
					-4661 Feb 19 j 18:40	0° \mathbb{B}	
superior conj	-4662 Apr 05 j 12:31	8° \mathbb{H} 22'00	0°14'06		-4661 Mar 09 j 20:21	0° \mathbb{A}	
minimum elong	-4662 Apr 05 j 11:54	8° \mathbb{H} 18'38	0°13'52	morning set	-4661 Mar 13 j 20:32	8° \mathbb{A} 03'56	
behind sun begin	-4662 Apr 05 j 09:30	8° \mathbb{H} 05'34		max. Earth dist.	-4661 Mar 20 j 07:46	21° \mathbb{A} 53'06	1.32622 AU
behind sun end	-4662 Apr 05 j 14:17	8° \mathbb{H} 31'42					
max. Earth dist.	-4662 Apr 05 j 18:27	8° \mathbb{H} 54'28	1.32660 AU	superior conj	-4661 Mar 21 j 00:08	23° \mathbb{A} 22'27	-0°10'43
evening rise	-4662 Apr 12 j 13:29	23° \mathbb{H} 29'48		minimum elong	-4661 Mar 21 j 00:37	23° \mathbb{A} 25'06	0°10'46
	-4662 Apr 15 j 18:13	0° \mathbb{Y}		behind sun begin	-4661 Mar 20 j 20:55	23° \mathbb{A} 04'52	
	-4662 May 03 j 17:07	0° \mathbb{B}		behind sun end	-4661 Mar 21 j 04:19	23° \mathbb{A} 45'20	
evening max el	-4662 May 12 j 13:07	10° \mathbb{B} 13'43	26°42'06	asc. node	-4661 Mar 22 j 00:52	25° \mathbb{A} 37'43	
desc. node	-4662 May 17 j 02:49	14° \mathbb{B} 02'24			-4661 Mar 24 j 00:57	0° \mathbb{H}	
retrograde	-4662 May 26 j 14:35	17° \mathbb{B} 34'34		evening rise	-4661 Mar 27 j 23:32	8° \mathbb{H} 26'37	
evening set	-4662 Jun 02 j 03:52	15° \mathbb{B} 42'45			-4661 Apr 08 j 06:38	0° \mathbb{Y}	
min. Earth dist.	-4662 Jun 06 j 02:34	13° \mathbb{B} 00'15	0.60238 AU	evening max el	-4661 Apr 24 j 10:09	21° \mathbb{Y} 37'14	25°35'18
inferior conj	-4662 Jun 09 j 10:59	10° \mathbb{B} 14'30	-4°14'31	desc. node	-4661 May 03 j 23:59	28° \mathbb{Y} 01'59	
minimum elong	-4662 Jun 09 j 10:47	10° \mathbb{B} 14'53	4°14'23	retrograde	-4661 May 08 j 12:14	28° \mathbb{Y} 50'00	
morning rise	-4662 Jun 16 j 19:49	5° \mathbb{B} 33'10		evening set	-4661 May 14 j 01:40	27° \mathbb{Y} 36'41	
direct	-4662 Jun 19 j 08:26	5° \mathbb{B} 08'54		min. Earth dist.	-4661 May 18 j 22:41	24° \mathbb{Y} 48'53	0.58231 AU
morning max el	-4662 Jun 26 j 15:52	8° \mathbb{B} 42'01	18°12'20	inferior conj	-4661 May 22 j 04:32	22° \mathbb{Y} 30'09	-3°56'23
asc. node	-4662 Jul 01 j 03:39	14° \mathbb{B} 05'59		minimum elong	-4661 May 22 j 01:00	22° \mathbb{Y} 36'32	3°55'52
	-4662 Jul 10 j 12:14	0° \mathbb{H}		morning rise	-4661 May 30 j 03:08	18° \mathbb{Y} 09'47	
morning set	-4662 Jul 12 j 16:20	4° \mathbb{H} 03'48		direct	-4661 Jun 01 j 14:43	17° \mathbb{Y} 50'13	
				morning max el	-4661 Jun 09 j 21:49	21° \mathbb{Y} 44'47	18°47'02
superior conj	-4662 Jul 22 j 09:36	22° \mathbb{H} 04'41	1°46'32		-4661 Jun 16 j 10:35	0° \mathbb{B}	
minimum elong	-4662 Jul 22 j 11:36	22° \mathbb{H} 13'41	1°46'42	asc. node	-4661 Jun 18 j 00:39	2° \mathbb{B} 33'02	
	-4662 Jul 26 j 20:59	0° \mathbb{B}		morning set	-4661 Jun 26 j 08:54	17° \mathbb{B} 56'14	
max. Earth dist.	-4662 Jul 29 j 22:15	5° \mathbb{B} 14'31	1.41070 AU		-4661 Jul 02 j 13:30	0° \mathbb{H}	
evening rise	-4662 Aug 04 j 03:37	13° \mathbb{B} 55'00					
desc. node	-4662 Aug 13 j 01:40	27° \mathbb{B} 57'40		superior conj	-4661 Jul 05 j 02:24	4° \mathbb{H} 51'02	1°49'05
	-4662 Aug 14 j 09:54	0° \mathbb{Q}		minimum elong	-4661 Jul 05 j 01:55	4° \mathbb{H} 48'44	1°49'17
	-4662 Sep 05 j 14:41	0° \mathbb{M}		max. Earth dist.	-4661 Jul 12 j 00:33	17° \mathbb{H} 34'07	1.39140 AU
evening max el	-4662 Sep 06 j 24:00	1° \mathbb{M} 26'54	22°50'08	evening rise	-4661 Jul 16 j 01:39	24° \mathbb{H} 37'18	
retrograde	-4662 Sep 16 j 22:14	7° \mathbb{M} 20'01			-4661 Jul 19 j 06:21	0° \mathbb{B}	
evening set	-4662 Sep 21 j 16:20	5° \mathbb{M} 22'45		desc. node	-4661 Jul 30 j 22:42	18° \mathbb{B} 19'55	
	-4662 Sep 26 j 07:39	30° \mathbb{R} 0			-4661 Aug 08 j 03:31	0° \mathbb{Q}	
inferior conj	-4662 Sep 26 j 23:29	29° \mathbb{Q} 05'31	-0°02'47	evening max el	-4661 Aug 20 j 12:00	14° \mathbb{Q} 53'55	24°11'02
minimum elong	-4662 Sep 26 j 23:32	29° \mathbb{Q} 05'19	0°02'38	retrograde	-4661 Aug 31 j 12:54	21° \mathbb{Q} 23'13	
transit middle	-4662 Sep 26 j 23:32	29° \mathbb{Q} 05'19	0°02'38	evening set	-4661 Sep 05 j 21:52	19° \mathbb{Q} 06'09	
transit begin	-4662 Sep 26 j 20:53	29° \mathbb{Q} 14'30		min. Earth dist.	-4661 Sep 10 j 15:47	13° \mathbb{Q} 34'41	0.67265 AU
transit end	-4662 Sep 27 j 02:12	28° \mathbb{Q} 56'07		inferior conj	-4661 Sep 11 j 05:35	12° \mathbb{Q} 48'03	-0°55'57
min. Earth dist.	-4662 Sep 26 j 20:05	29° \mathbb{Q} 17'13	0.67399 AU	minimum elong	-4661 Sep 11 j 06:52	12° \mathbb{Q} 43'40	0°55'14
asc. node	-4662 Sep 27 j 02:45	28° \mathbb{Q} 54'14		asc. node	-4661 Sep 13 j 23:53	9° \mathbb{Q} 14'49	
morning rise	-4662 Oct 02 j 06:37	22° \mathbb{Q} 52'07		morning rise	-4661 Sep 16 j 15:49	6° \mathbb{Q} 40'19	
direct	-4662 Oct 06 j 15:56	21° \mathbb{Q} 07'04		direct	-4661 Sep 20 j 12:27	5° \mathbb{Q} 15'14	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning max el	-4661 Sep 28 j 15:05	10°Ω00'31	20°39'03	asc. node	-4660 Aug 30 j 21:01	20°☾37'47	
	-4661 Oct 13 j 17:06	0°♊		morning rise	-4660 Aug 31 j 00:26	20°☾32'02	
desc. node	-4661 Oct 26 j 22:33	20°♊04'30		direct	-4660 Sep 03 j 10:29	19°☾24'18	
morning set	-4661 Oct 27 j 04:13	20°♊26'30		morning max el	-4660 Sep 10 j 18:04	23°☾36'29	19°34'39
	-4661 Nov 02 j 06:10	0°♊			-4660 Sep 16 j 01:12	0°♊	
max. Earth dist.	-4661 Nov 05 j 18:36	5°♊38'18	1.43171 AU	morning set	-4660 Oct 05 j 05:22	28°♊50'40	
					-4660 Oct 05 j 23:10	0°♊	
superior conj	-4661 Nov 12 j 02:15	16°♊00'34	-1°30'36	desc. node	-4660 Oct 12 j 19:27	10°♊41'56	
minimum elong	-4661 Nov 11 j 20:11	15°♊35'16	1°30'07	max. Earth dist.	-4660 Oct 18 j 08:22	19°♊26'05	1.44322 AU
	-4661 Nov 20 j 07:12	0°♊					
evening rise	-4661 Nov 24 j 07:40	7°♊02'29		superior conj	-4660 Oct 21 j 22:17	25°♊08'26	-0°55'31
	-4661 Dec 08 j 03:59	0°♊		minimum elong	-4660 Oct 21 j 16:07	24°♊43'46	0°54'45
asc. node	-4661 Dec 10 j 22:38	3°♊24'10			-4660 Oct 24 j 22:46	0°♊	
evening max el	-4661 Dec 11 j 12:58	4°♊01'31	18°08'50	evening rise	-4660 Nov 05 j 03:23	18°♊26'21	
retrograde	-4661 Dec 18 j 03:21	7°♊30'21			-4660 Nov 12 j 01:15	0°♊	
evening set	-4661 Dec 20 j 21:04	6°♊53'39		evening max el	-4660 Nov 24 j 01:41	17°♊21'37	18°24'12
inferior conj	-4661 Dec 27 j 07:49	1°♊42'17	3°56'24	asc. node	-4660 Nov 26 j 19:47	19°♊41'30	
minimum elong	-4661 Dec 27 j 05:45	1°♊47'33	3°55'58	retrograde	-4660 Nov 30 j 15:49	20°♊58'57	
	-4661 Dec 28 j 23:35	30°♊		evening set	-4660 Dec 03 j 13:33	20°♊13'09	
min. Earth dist.	-4661 Dec 30 j 01:50	28°♊54'01	0.62380 AU	inferior conj	-4660 Dec 09 j 15:07	14°♊42'49	3°30'50
morning rise	-4660 Jan 02 j 13:35	25°♊51'06		minimum elong	-4660 Dec 09 j 12:03	14°♊51'35	3°30'03
direct	-4660 Jan 09 j 15:22	23°♊14'26		min. Earth dist.	-4660 Dec 11 j 18:46	12°♊16'03	0.64046 AU
desc. node	-4660 Jan 22 j 22:26	0°♊21'04		morning rise	-4660 Dec 15 j 10:02	8°♊41'24	
	-4660 Jan 22 j 13:30	0°♊		direct	-4660 Dec 22 j 08:45	5°♊51'37	
morning max el	-4660 Jan 23 j 13:07	0°♊56'33	27°41'51	morning max el	-4659 Jan 04 j 21:44	13°♊33'21	27°26'59
	-4660 Feb 13 j 20:22	0°♊		desc. node	-4659 Jan 08 j 19:27	17°♊44'01	
morning set	-4660 Feb 26 j 00:11	22°♊36'36			-4659 Jan 18 j 06:33	0°♊	
	-4660 Feb 29 j 13:48	0°♊			-4659 Feb 05 j 08:51	0°♊	
max. Earth dist.	-4660 Mar 02 j 17:58	4°♊37'50	1.32935 AU	morning set	-4659 Feb 08 j 20:17	6°♊42'19	
				max. Earth dist.	-4659 Feb 13 j 20:58	16°♊54'53	1.33633 AU
superior conj	-4660 Mar 04 j 10:16	8°♊15'15	-0°35'30				
minimum elong	-4660 Mar 04 j 11:50	8°♊23'43	0°35'22	superior conj	-4659 Feb 16 j 17:05	22°♊53'42	-0°59'17
asc. node	-4660 Mar 07 j 21:54	15°♊48'42		minimum elong	-4659 Feb 16 j 19:34	23°♊06'50	0°59'04
evening rise	-4660 Mar 11 j 11:05	23°♊24'27			-4659 Feb 20 j 00:53	0°♊	
	-4660 Mar 14 j 15:53	0°♊		asc. node	-4659 Feb 22 j 18:56	5°♊52'02	
	-4660 Apr 02 j 16:34	0°♊		evening rise	-4659 Feb 23 j 22:20	8°♊16'22	
evening max el	-4660 Apr 05 j 02:38	2°♊28'59	24°07'56		-4659 Mar 07 j 12:04	0°♊	
retrograde	-4660 Apr 18 j 22:05	9°♊24'18		evening max el	-4659 Mar 17 j 19:50	13°♊13'09	22°33'47
desc. node	-4660 Apr 19 j 21:10	9°♊22'11		retrograde	-4659 Mar 30 j 19:56	19°♊34'08	
evening set	-4660 Apr 23 j 04:17	8°♊43'55		evening set	-4659 Apr 02 j 21:48	19°♊13'19	
min. Earth dist.	-4660 Apr 29 j 14:24	5°♊37'18	0.56517 AU	desc. node	-4659 Apr 06 j 18:20	17°♊54'36	
inferior conj	-4660 May 02 j 02:00	4°♊04'31	-3°01'56	min. Earth dist.	-4659 Apr 11 j 04:46	15°♊35'44	0.55430 AU
minimum elong	-4660 May 01 j 20:18	4°♊13'27	3°00'32	inferior conj	-4659 Apr 12 j 05:42	15°♊00'07	-1°28'53
morning rise	-4660 May 10 j 15:22	0°♊01'13		minimum elong	-4659 Apr 12 j 01:48	15°♊05'41	1°27'41
	-4660 May 10 j 17:41	30°♊		morning rise	-4659 Apr 21 j 07:42	11°♊02'34	
direct	-4660 May 13 j 02:17	29°♊45'14		direct	-4659 Apr 23 j 20:52	10°♊47'31	
	-4660 May 15 j 09:27	0°♊		morning max el	-4659 May 05 j 06:34	16°♊08'08	20°56'58
morning max el	-4660 May 22 j 19:23	4°♊15'59	19°42'11		-4659 May 15 j 18:10	0°♊	
asc. node	-4660 Jun 03 j 21:40	21°♊35'47		asc. node	-4659 May 21 j 18:41	11°♊05'24	
	-4660 Jun 08 j 06:28	0°♊		morning set	-4659 May 24 j 16:39	16°♊58'11	
morning set	-4660 Jun 09 j 09:53	2°♊16'49			-4659 May 30 j 23:26	0°♊	
superior conj	-4660 Jun 17 j 10:42	18°♊26'15	1°42'39	superior conj	-4659 Jun 01 j 05:59	2°♊37'21	1°29'42
minimum elong	-4660 Jun 17 j 08:40	18°♊16'11	1°42'41	minimum elong	-4659 Jun 01 j 03:19	2°♊23'37	1°29'31
max. Earth dist.	-4660 Jun 23 j 03:15	29°♊24'56	1.37255 AU	max. Earth dist.	-4659 Jun 05 j 12:15	11°♊12'59	1.35615 AU
	-4660 Jun 23 j 10:44	0°♊		evening rise	-4659 Jun 09 j 20:06	19°♊33'58	
evening rise	-4660 Jun 27 j 00:48	6°♊34'27			-4659 Jun 15 j 14:05	0°♊	
	-4660 Jul 11 j 03:15	0°♊		desc. node	-4659 Jul 03 j 16:51	28°♊05'20	
desc. node	-4660 Jul 16 j 19:46	8°♊24'58			-4659 Jul 05 j 03:20	0°♊	
evening max el	-4660 Aug 01 j 22:32	28°♊23'20	25°26'53	evening max el	-4659 Jul 15 j 09:22	11°♊52'51	26°29'37
	-4660 Aug 03 j 15:30	0°♊		retrograde	-4659 Jul 28 j 05:15	19°♊09'09	
retrograde	-4660 Aug 13 j 23:25	5°♊21'23		evening set	-4659 Aug 03 j 18:50	16°♊23'15	
evening set	-4660 Aug 19 j 23:26	2°♊46'55		min. Earth dist.	-4659 Aug 07 j 19:45	12°♊06'54	0.66014 AU
	-4660 Aug 22 j 15:28	30°♊		inferior conj	-4659 Aug 09 j 09:15	10°♊12'24	-2°35'58
min. Earth dist.	-4660 Aug 24 j 08:26	27°♊52'14	0.66813 AU	minimum elong	-4659 Aug 09 j 12:33	10°♊02'21	2°34'39
inferior conj	-4660 Aug 25 j 09:28	26°♊30'57	-1°47'39	morning rise	-4659 Aug 15 j 06:32	4°♊25'16	
minimum elong	-4660 Aug 25 j 11:53	26°♊23'04	1°46'30	asc. node	-4659 Aug 17 j 18:07	3°♊33'39	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

direct	-4659 Aug 18 j 08:16	3°  31'41		minimum elong	-4658 Jul 24 j 06:21	23°  37'43	3°17'28
morning max el	-4659 Aug 25 j 03:13	7°  19'28	18°45'18	morning rise	-4658 Jul 30 j 07:50	18°  15'42	
	-4659 Sep 09 j 22:30	0°  0		direct	-4658 Aug 02 j 03:35	17°  33'06	
morning set	-4659 Sep 15 j 02:13	8°  15'13		asc. node	-4658 Aug 04 j 15:12	18°  05'45	
	-4659 Sep 28 j 18:57	0°  0		morning max el	-4658 Aug 08 j 16:24	21°  04'50	18°12'36
desc. node	-4659 Sep 29 j 16:22	1°  0			-4658 Aug 15 j 11:59	0°  0	
				morning set	-4658 Aug 27 j 02:19	18°  58'31	
superior conj	-4659 Sep 30 j 23:33	3°  0	-0°08'12		-4658 Sep 02 j 18:01	0°  0	
minimum elong	-4659 Sep 30 j 22:29	3°  0	0°07'56				
behind sun begin	-4659 Sep 30 j 12:24	2°  0		superior conj	-4658 Sep 10 j 03:14	11°  05'38	0°39'51
behind sun end	-4659 Oct 01 j 08:35	4°  0		minimum elong	-4658 Sep 10 j 07:49	12°  05'57	0°39'27
max. Earth dist.	-4659 Oct 01 j 01:27	3°  0	1.44795 AU	max. Earth dist.	-4658 Sep 13 j 18:56	17°  04'38	1.44544 AU
evening rise	-4659 Oct 16 j 22:53	28°  0		desc. node	-4658 Sep 16 j 13:17	22°  08'36	
	-4659 Oct 17 j 17:14	0°  0			-4658 Sep 21 j 13:34	0°  0	
	-4659 Nov 06 j 19:16	0°  0		evening rise	-4658 Sep 26 j 17:53	8°  04'00	
evening max el	-4659 Nov 07 j 12:44	0°  0	18°57'21	greatest brilliancy	-4658 Oct 09 j 06:27	27°  09'38	-0.7m
asc. node	-4659 Nov 13 j 16:55	4°  0			-4658 Oct 11 j 01:22	0°  0	
retrograde	-4659 Nov 14 j 09:52	4°  0		evening max el	-4658 Oct 21 j 19:51	14°  03'28	19°46'46
evening set	-4659 Nov 17 j 13:26	3°  0		retrograde	-4658 Oct 29 j 06:31	18°  03'31	
	-4659 Nov 21 j 15:32	30°  0		asc. node	-4658 Oct 31 j 14:02	18°  02'24	
inferior conj	-4659 Nov 23 j 07:55	27°  0	2°53'54	evening set	-4658 Nov 01 j 18:07	17°  02'44	
minimum elong	-4659 Nov 23 j 04:43	28°  0	2°52'53	inferior conj	-4658 Nov 07 j 07:19	11°  02'32	2°09'25
min. Earth dist.	-4659 Nov 24 j 21:20	26°  0	0.65376 AU	minimum elong	-4658 Nov 07 j 04:38	11°  03'21	2°08'26
morning rise	-4659 Nov 28 j 19:40	21°  0		min. Earth dist.	-4658 Nov 08 j 07:48	10°  03'12	0.66355 AU
direct	-4659 Dec 05 j 08:43	19°  0		morning rise	-4658 Nov 12 j 14:54	5°  0	
morning max el	-4659 Dec 18 j 07:29	26°  0	26°41'11	direct	-4658 Nov 18 j 14:26	2°  0	
	-4659 Dec 21 j 13:33	0°  0		morning max el	-4658 Nov 30 j 16:31	9°  0	25°32'26
desc. node	-4659 Dec 26 j 16:26	6°  0		desc. node	-4658 Dec 13 j 13:24	25°  0	
	-4658 Jan 11 j 20:21	0°  0			-4658 Dec 16 j 19:35	0°  0	
morning set	-4658 Jan 23 j 05:16	20°  0			-4657 Jan 04 j 09:49	0°  0	
max. Earth dist.	-4658 Jan 27 j 13:10	28°  0	1.34763 AU	morning set	-4657 Jan 05 j 22:28	2°  0	
	-4658 Jan 28 j 05:57	0°  0		max. Earth dist.	-4657 Jan 09 j 17:45	9°  0	1.36336 AU
superior conj	-4658 Jan 31 j 18:26	7°  0	-1°20'52	superior conj	-4657 Jan 15 j 11:36	20°  0	-1°38'37
minimum elong	-4658 Jan 31 j 21:26	7°  0	1°20'41	minimum elong	-4657 Jan 15 j 14:28	21°  0	1°38'36
evening rise	-4658 Feb 08 j 07:30	22°  0			-4657 Jan 19 j 22:36	0°  0	
asc. node	-4658 Feb 09 j 15:57	25°  0		evening rise	-4657 Jan 23 j 12:36	7°  0	
	-4658 Feb 11 j 19:08	0°  0		asc. node	-4657 Jan 27 j 12:58	15°  0	
evening max el	-4658 Feb 27 j 19:56	24°  0	21°05'47		-4657 Feb 05 j 05:56	0°  0	
retrograde	-4658 Mar 11 j 09:54	29°  0		evening max el	-4657 Feb 10 j 06:15	5°  0	19°52'26
evening set	-4658 Mar 13 j 20:38	29°  0		retrograde	-4657 Feb 20 j 03:31	10°  0	
inferior conj	-4658 Mar 23 j 01:14	25°  0	0°26'21	evening set	-4657 Feb 22 j 11:45	10°  0	
minimum elong	-4658 Mar 23 j 02:26	25°  0	0°25'46	inferior conj	-4657 Mar 03 j 02:39	6°  0	2°11'56
min. Earth dist.	-4658 Mar 23 j 19:10	25°  0	0.55225 AU	minimum elong	-4657 Mar 03 j 07:29	6°  0	2°10'20
desc. node	-4658 Mar 24 j 15:30	24°  0		min. Earth dist.	-4657 Mar 05 j 09:32	4°  0	0.55946 AU
morning rise	-4658 Apr 01 j 07:39	21°  0		desc. node	-4657 Mar 11 j 12:38	1°  0	
direct	-4658 Apr 04 j 09:02	21°  0		morning rise	-4657 Mar 12 j 00:56	1°  0	
morning max el	-4658 Apr 17 j 07:04	27°  0	22°27'44	direct	-4657 Mar 16 j 03:25	1°  0	
	-4658 Apr 19 j 21:35	0°  0		morning max el	-4657 Mar 29 j 23:49	8°  0	24°06'22
	-4658 May 08 j 05:10	0°  0			-4657 Apr 14 j 22:47	0°  0	
asc. node	-4658 May 08 j 15:39	0°  0		morning set	-4657 Apr 23 j 15:02	16°  0	
morning set	-4658 May 09 j 02:59	1°  0		asc. node	-4657 Apr 25 j 12:37	20°  0	
					-4657 Apr 29 j 17:31	0°  0	
superior conj	-4658 May 16 j 08:48	17°  0	1°12'05	superior conj	-4657 Apr 30 j 16:33	2°  0	0°51'10
minimum elong	-4658 May 16 j 06:11	16°  0	1°11'43	minimum elong	-4657 Apr 30 j 14:29	1°  0	0°50'46
max. Earth dist.	-4658 May 19 j 07:04	23°  0	1.34329 AU	max. Earth dist.	-4657 May 02 j 11:24	5°  0	1.33415 AU
	-4658 May 22 j 13:44	0°  0		evening rise	-4657 May 08 j 02:46	17°  0	
evening rise	-4658 May 24 j 06:11	3°  0			-4657 May 14 j 12:45	0°  0	
	-4658 Jun 08 j 09:45	0°  0		desc. node	-4657 Jun 02 j 20:59	0°  0	
desc. node	-4658 Jun 20 j 13:58	17°  0		evening max el	-4657 Jun 10 j 06:52	8°  0	27°25'21
evening max el	-4658 Jun 27 j 20:41	25°  0	27°11'24	retrograde	-4657 Jun 24 j 00:21	15°  0	
	-4658 Jul 03 j 16:42	0°  0		evening set	-4657 Jul 01 j 03:45	13°  0	
retrograde	-4658 Jul 11 j 05:50	2°  0		min. Earth dist.	-4657 Jul 04 j 18:04	9°  0	0.63285 AU
evening set	-4658 Jul 18 j 05:23	29°  0		inferior conj	-4657 Jul 07 j 11:08	7°  0	-3°52'21
	-4658 Jul 18 j 00:42	30°  0		minimum elong	-4657 Jul 07 j 14:17	7°  0	3°51'38
min. Earth dist.	-4658 Jul 21 j 23:34	26°  0	0.64837 AU				
inferior conj	-4658 Jul 24 j 02:42	23°  0	-3°18'38				

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning rise	-4657 Jul 14 j 01:43	1° Π 57'36		direct	-4656 Jun 28 j 22:37	14° \mathcal{B} 55'17	
direct	-4657 Jul 16 j 17:35	1° Π 23'24		morning max el	-4656 Jul 05 j 20:44	18° \mathcal{B} 21'32	18°01'27
asc. node	-4657 Jul 22 j 12:14	4° Π 03'10		asc. node	-4656 Jul 08 j 09:17	21° \mathcal{B} 10'21	
morning max el	-4657 Jul 23 j 07:07	4° Π 47'34	17°57'41		-4656 Jul 14 j 06:58	0° Π	
	-4657 Aug 08 j 15:06	0° \mathcal{E}		morning set	-4656 Jul 21 j 23:04	13° Π 42'07	
morning set	-4657 Aug 09 j 03:04	0° \mathcal{E} 52'23			-4656 Jul 30 j 23:15	0° \mathcal{E}	
superior conj	-4657 Aug 21 j 04:42	21° \mathcal{E} 33'31	1°17'16	superior conj	-4656 Aug 01 j 09:56	2° \mathcal{E} 32'26	1°39'51
minimum elong	-4657 Aug 21 j 10:31	21° \mathcal{E} 57'40	1°16'53	minimum elong	-4656 Aug 01 j 13:36	2° \mathcal{E} 48'24	1°39'52
	-4657 Aug 26 j 08:09	0° \mathcal{Q}		max. Earth dist.	-4656 Aug 08 j 20:33	15° \mathcal{E} 12'44	1.42106 AU
max. Earth dist.	-4657 Aug 27 j 10:15	1° \mathcal{Q} 45'23	1.43607 AU	evening rise	-4656 Aug 15 j 07:28	25° \mathcal{E} 41'12	
desc. node	-4657 Sep 03 j 10:13	12° \mathcal{Q} 51'29			-4656 Aug 18 j 01:09	0° \mathcal{Q}	
evening rise	-4657 Sep 05 j 22:15	16° \mathcal{Q} 45'00		desc. node	-4656 Aug 20 j 07:12	3° \mathcal{Q} 29'51	
	-4657 Sep 14 j 14:33	0° \mathcal{P}			-4656 Sep 07 j 12:17	0° \mathcal{P}	
evening max el	-4657 Oct 04 j 21:19	27° \mathcal{P} 39'39	20°50'08	evening max el	-4656 Sep 16 j 16:28	11° \mathcal{P} 04'52	22°04'18
	-4657 Oct 07 j 10:07	0° \mathcal{A}		retrograde	-4656 Sep 25 j 23:09	16° \mathcal{P} 35'35	
retrograde	-4657 Oct 13 j 03:30	2° \mathcal{A} 32'15		evening set	-4656 Sep 30 j 09:26	14° \mathcal{P} 49'24	
evening set	-4657 Oct 17 j 01:24	1° \mathcal{A} 04'53		asc. node	-4656 Oct 04 j 08:17	10° \mathcal{P} 25'52	
asc. node	-4657 Oct 18 j 11:09	29° \mathcal{P} 50'58		inferior conj	-4656 Oct 05 j 17:00	8° \mathcal{P} 34'05	0°27'52
	-4657 Oct 18 j 07:29	30° \mathcal{R} \mathcal{P}		minimum elong	-4656 Oct 05 j 16:21	8° \mathcal{P} 36'19	0°27'41
inferior conj	-4657 Oct 22 j 10:59	24° \mathcal{P} 55'59	1°20'03	min. Earth dist.	-4656 Oct 05 j 19:22	8° \mathcal{P} 25'54	0.67341 AU
minimum elong	-4657 Oct 22 j 09:12	25° \mathcal{P} 02'02	1°19'22	morning rise	-4656 Oct 10 j 23:09	2° \mathcal{P} 19'08	
min. Earth dist.	-4657 Oct 22 j 23:54	24° \mathcal{P} 11'59	0.67005 AU	direct	-4656 Oct 15 j 16:28	0° \mathcal{P} 22'09	
morning rise	-4657 Oct 27 j 16:50	18° \mathcal{P} 40'23		morning max el	-4656 Oct 25 j 12:01	6° \mathcal{P} 13'23	22°43'55
direct	-4657 Nov 02 j 01:12	16° \mathcal{P} 22'08			-4656 Nov 12 j 18:33	0° \mathcal{A}	
morning max el	-4657 Nov 13 j 01:12	22° \mathcal{P} 55'51	24°10'09	desc. node	-4656 Nov 16 j 07:13	5° \mathcal{A} 14'18	
	-4657 Nov 19 j 06:42	0° \mathcal{A}		morning set	-4656 Nov 28 j 10:04	24° \mathcal{A} 15'24	
desc. node	-4657 Nov 30 j 10:18	15° \mathcal{A} 07'29			-4656 Dec 01 j 21:04	0° \mathcal{M}	
	-4657 Dec 10 j 04:38	0° \mathcal{M}		max. Earth dist.	-4656 Dec 03 j 11:54	2° \mathcal{M} 44'24	1.40338 AU
morning set	-4657 Dec 18 j 17:52	14° \mathcal{M} 10'47		superior conj	-4656 Dec 11 j 05:46	16° \mathcal{M} 21'46	-1°53'07
max. Earth dist.	-4657 Dec 22 j 14:47	20° \mathcal{M} 59'09	1.38270 AU	minimum elong	-4656 Dec 11 j 04:57	16° \mathcal{M} 18'06	1°53'15
	-4657 Dec 27 j 12:48	0° \mathcal{X}			-4656 Dec 18 j 13:56	0° \mathcal{X}	
superior conj	-4657 Dec 29 j 16:55	4° \mathcal{X} 06'31	-1°50'22	evening rise	-4656 Dec 21 j 00:54	4° \mathcal{X} 39'23	
minimum elong	-4657 Dec 29 j 18:36	4° \mathcal{X} 14'36	1°50'30	asc. node	-4656 Dec 31 j 07:05	22° \mathcal{X} 59'43	
evening rise	-4656 Jan 07 j 11:19	21° \mathcal{X} 14'31			-4655 Jan 05 j 13:44	0° \mathcal{Z}	
	-4656 Jan 12 j 00:08	0° \mathcal{Z}		evening max el	-4655 Jan 06 j 07:00	0° \mathcal{Z} 43'51	18°23'05
asc. node	-4656 Jan 14 j 10:01	4° \mathcal{Z} 24'22		retrograde	-4655 Jan 13 j 15:52	4° \mathcal{Z} 22'26	
evening max el	-4656 Jan 24 j 02:33	18° \mathcal{Z} 04'03	18°57'45	evening set	-4655 Jan 16 j 04:58	3° \mathcal{Z} 57'35	
retrograde	-4656 Feb 01 j 12:23	22° \mathcal{Z} 06'09			-4655 Jan 22 j 15:36	30° \mathcal{R} \mathcal{X}	
evening set	-4656 Feb 03 j 22:49	21° \mathcal{Z} 47'17		inferior conj	-4655 Jan 23 j 11:08	29° \mathcal{X} 19'50	3°59'12
inferior conj	-4656 Feb 11 j 20:41	17° \mathcal{Z} 30'10	3°24'18	minimum elong	-4655 Jan 23 j 12:50	29° \mathcal{X} 16'17	3°58'50
minimum elong	-4656 Feb 12 j 01:07	17° \mathcal{Z} 22'15	3°23'14	min. Earth dist.	-4655 Jan 26 j 19:47	26° \mathcal{X} 33'49	0.59300 AU
min. Earth dist.	-4656 Feb 15 j 00:45	15° \mathcal{Z} 15'40	0.57407 AU	morning rise	-4655 Jan 30 j 18:45	23° \mathcal{X} 51'59	
morning rise	-4656 Feb 20 j 00:54	12° \mathcal{Z} 25'52		direct	-4655 Feb 06 j 04:11	22° \mathcal{X} 04'26	
direct	-4656 Feb 25 j 09:36	11° \mathcal{Z} 17'28		desc. node	-4655 Feb 12 j 06:50	23° \mathcal{X} 36'44	
desc. node	-4656 Feb 26 j 09:45	11° \mathcal{Z} 19'54		morning max el	-4655 Feb 20 j 09:44	29° \mathcal{X} 38'41	26°53'04
morning max el	-4656 Mar 10 j 14:45	18° \mathcal{Z} 38'14	25°39'55		-4655 Feb 20 j 18:26	0° \mathcal{Z}	
	-4656 Mar 20 j 02:51	0° \mathcal{A}			-4655 Mar 13 j 21:25	0° \mathcal{A}	
	-4656 Apr 06 j 04:31	0° \mathcal{H}		morning set	-4655 Mar 22 j 13:29	16° \mathcal{A} 54'42	
morning set	-4656 Apr 07 j 03:07	1° \mathcal{H} 57'52			-4655 Mar 28 j 15:52	0° \mathcal{H}	
asc. node	-4656 Apr 11 j 09:35	11° \mathcal{H} 06'35		asc. node	-4655 Mar 29 j 06:33	1° \mathcal{H} 20'20	
superior conj	-4656 Apr 14 j 03:10	17° \mathcal{H} 04'05	0°28'03	superior conj	-4655 Mar 29 j 14:54	2° \mathcal{H} 05'58	0°03'38
minimum elong	-4656 Apr 14 j 01:57	16° \mathcal{H} 57'30	0°27'44	minimum elong	-4655 Mar 29 j 14:44	2° \mathcal{H} 05'06	0°03'29
max. Earth dist.	-4656 Apr 14 j 22:09	18° \mathcal{H} 47'35	1.32843 AU	behind sun begin	-4655 Mar 29 j 09:51	1° \mathcal{H} 38'20	
	-4656 Apr 20 j 03:47	0° \mathcal{Y}		behind sun end	-4655 Mar 29 j 19:38	2° \mathcal{H} 31'53	
evening rise	-4656 Apr 21 j 06:30	2° \mathcal{Y} 18'39		max. Earth dist.	-4655 Mar 29 j 11:35	1° \mathcal{H} 47'49	1.32600 AU
	-4656 May 06 j 10:40	0° \mathcal{B}		evening rise	-4655 Apr 05 j 14:50	17° \mathcal{H} 11'18	
evening max el	-4656 May 22 j 13:10	20° \mathcal{B} 43'30	27°07'12		-4655 Apr 12 j 01:12	0° \mathcal{Y}	
desc. node	-4656 May 24 j 08:15	22° \mathcal{B} 21'44			-4655 May 02 j 02:43	0° \mathcal{B}	
retrograde	-4656 Jun 05 j 12:00	28° \mathcal{B} 05'57		evening max el	-4655 May 04 j 13:29	2° \mathcal{B} 29'38	26°16'50
evening set	-4656 Jun 12 j 10:01	25° \mathcal{B} 54'10		desc. node	-4655 May 11 j 05:25	7° \mathcal{B} 37'28	
min. Earth dist.	-4656 Jun 16 j 02:35	23° \mathcal{B} 07'31	0.61411 AU	retrograde	-4655 May 18 j 15:37	9° \mathcal{B} 48'17	
inferior conj	-4656 Jun 19 j 07:18	20° \mathcal{B} 16'33	-4°12'11	evening set	-4655 May 24 j 20:19	8° \mathcal{B} 12'20	
minimum elong	-4656 Jun 19 j 08:43	20° \mathcal{B} 13'22	4°11'57	min. Earth dist.	-4655 May 29 j 02:21	5° \mathcal{B} 29'49	0.59370 AU
morning rise	-4656 Jun 26 j 08:59	15° \mathcal{B} 22'54		inferior conj	-4655 Jun 01 j 11:32	2° \mathcal{B} 52'35	-4°10'44

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4655 Jun 01 j 09:58	2°♄55'40	4°10'31	inferior conj	-4654 May 13 j 20:42	14°♄51'44	-3°38'16
	-4655 Jun 05 j 12:00	30°♄		minimum elong	-4654 May 13 j 15:55	14°♄59'50	3°37'22
morning rise	-4655 Jun 09 j 02:05	28°♄20'46		morning rise	-4654 May 22 j 01:34	10°♄39'35	
direct	-4655 Jun 11 j 14:16	27°♄58'38		direct	-4654 May 24 j 12:31	10°♄21'53	
	-4655 Jun 17 j 06:51	0°♄		morning max el	-4654 Jun 02 j 09:15	14°♄30'21	19°08'01
morning max el	-4655 Jun 19 j 06:25	1°♄38'49	18°24'40	asc. node	-4654 Jun 12 j 03:22	27°♄56'08	
asc. node	-4655 Jun 25 j 06:19	9°♄12'09			-4654 Jun 13 j 07:16	0°♄	
morning set	-4655 Jul 05 j 09:17	27°♄14'34		morning set	-4654 Jun 19 j 05:51	11°♄20'26	
	-4655 Jul 06 j 19:53	0°♄					
				superior conj	-4654 Jun 27 j 15:33	27°♄54'11	1°47'17
superior conj	-4655 Jul 14 j 15:28	14°♄44'30	1°48'53	minimum elong	-4654 Jun 27 j 14:18	27°♄48'05	1°47'27
minimum elong	-4655 Jul 14 j 16:18	14°♄48'23	1°49'07		-4654 Jun 28 j 17:44	0°♄	
max. Earth dist.	-4655 Jul 22 j 00:43	27°♄55'27	1.40256 AU	max. Earth dist.	-4654 Jul 04 j 02:04	9°♄58'59	1.38318 AU
	-4655 Jul 23 j 05:43	0°♄		evening rise	-4654 Jul 07 j 23:28	16°♄55'04	
evening rise	-4655 Jul 26 j 14:10	5°♄38'50			-4654 Jul 15 j 18:40	0°♄	
desc. node	-4655 Aug 07 j 04:13	23°♄59'20		desc. node	-4654 Jul 25 j 01:15	14°♄15'17	
	-4655 Aug 11 j 05:22	0°♄			-4654 Aug 05 j 15:21	0°♄	
evening max el	-4655 Aug 30 j 06:16	24°♄29'56	23°24'35	evening max el	-4654 Aug 12 j 17:19	7°♄58'13	24°44'19
	-4655 Sep 06 j 14:41	0°♄		retrograde	-4654 Aug 24 j 05:14	14°♄41'26	
retrograde	-4655 Sep 09 j 16:06	0°♄39'41		evening set	-4654 Aug 29 j 20:31	12°♄16'40	
	-4655 Sep 12 j 12:31	30°♄		min. Earth dist.	-4654 Sep 03 j 10:34	7°♄00'15	0.67116 AU
evening set	-4655 Sep 14 j 16:25	28°♄33'45		inferior conj	-4654 Sep 04 j 04:59	5°♄58'52	-1°18'11
inferior conj	-4655 Sep 19 j 23:34	22°♄15'28	-0°25'26	minimum elong	-4654 Sep 04 j 06:46	5°♄52'53	1°17'15
minimum elong	-4655 Sep 20 j 00:09	22°♄13'27	0°25'02	asc. node	-4654 Sep 08 j 02:36	1°♄15'54	
min. Earth dist.	-4655 Sep 19 j 15:44	22°♄42'20	0.67378 AU	morning rise	-4654 Sep 09 j 17:01	29°♄54'13	
asc. node	-4655 Sep 21 j 05:26	20°♄34'04			-4654 Sep 09 j 13:48	30°♄	
morning rise	-4655 Sep 25 j 07:50	16°♄04'05		direct	-4654 Sep 13 j 08:50	28°♄36'54	
direct	-4655 Sep 29 j 11:23	14°♄28'02			-4654 Sep 17 j 10:18	0°♄	
morning max el	-4655 Oct 08 j 03:54	19°♄36'25	21°21'49	morning max el	-4654 Sep 21 j 02:41	3°♄07'27	20°09'46
	-4655 Oct 16 j 16:34	0°♄			-4654 Oct 10 j 13:30	0°♄	
desc. node	-4655 Nov 03 j 04:08	25°♄36'43		morning set	-4654 Oct 17 j 21:33	11°♄16'15	
	-4655 Nov 06 j 00:07	0°♄		desc. node	-4654 Oct 21 j 01:02	16°♄09'49	
morning set	-4655 Nov 07 j 22:54	3°♄03'13		max. Earth dist.	-4654 Oct 29 j 00:15	28°♄44'59	1.43741 AU
max. Earth dist.	-4655 Nov 15 j 14:29	15°♄20'22	1.42248 AU		-4654 Oct 29 j 18:58	0°♄	
superior conj	-4655 Nov 22 j 20:27	27°♄30'30	-1°43'17	superior conj	-4654 Nov 03 j 08:10	7°♄22'15	-1°17'39
minimum elong	-4655 Nov 22 j 16:08	27°♄11'58	1°43'07	minimum elong	-4654 Nov 03 j 01:27	6°♄54'46	1°16'59
	-4655 Nov 24 j 07:06	0°♄		evening rise	-4654 Nov 16 j 09:26	29°♄20'31	
evening rise	-4655 Dec 04 j 01:44	17°♄24'24			-4654 Nov 16 j 18:35	0°♄	
	-4655 Dec 11 j 02:52	0°♄		evening max el	-4654 Dec 04 j 05:31	27°♄00'57	18°13'12
asc. node	-4655 Dec 18 j 04:11	10°♄52'01		asc. node	-4654 Dec 05 j 01:18	27°♄48'31	
evening max el	-4655 Dec 20 j 16:57	13°♄45'20	18°08'28		-4654 Dec 08 j 07:08	0°♄	
retrograde	-4655 Dec 27 j 11:25	17°♄14'15		retrograde	-4654 Dec 10 j 18:49	0°♄31'58	
evening set	-4655 Dec 30 j 03:13	16°♄42'18			-4654 Dec 13 j 06:35	30°♄	
inferior conj	-4654 Jan 05 j 20:20	11°♄43'11	4°03'51	evening set	-4654 Dec 13 j 14:04	29°♄51'39	
minimum elong	-4654 Jan 05 j 19:22	11°♄45'29	4°03'35	inferior conj	-4654 Dec 19 j 20:40	24°♄32'11	3°47'12
min. Earth dist.	-4654 Jan 08 j 21:45	8°♄49'09	0.61292 AU	minimum elong	-4654 Dec 19 j 18:03	24°♄39'13	3°46'37
morning rise	-4654 Jan 12 j 10:15	5°♄58'59		min. Earth dist.	-4654 Dec 22 j 08:50	21°♄51'13	0.63130 AU
direct	-4654 Jan 19 j 09:28	3°♄36'20		morning rise	-4654 Dec 25 j 21:19	18°♄36'25	
desc. node	-4654 Jan 30 j 03:55	8°♄20'44		direct	-4653 Jan 01 j 23:00	15°♄51'55	
morning max el	-4654 Feb 02 j 10:58	11°♄17'40	27°34'26	morning max el	-4653 Jan 15 j 17:20	23°♄34'57	27°39'39
	-4654 Feb 17 j 04:36	0°♄		desc. node	-4653 Jan 17 j 00:58	24°♄55'07	
	-4654 Mar 06 j 00:56	0°♄			-4653 Jan 21 j 12:43	0°♄	
morning set	-4654 Mar 06 j 20:15	1°♄38'40			-4653 Feb 10 j 10:09	0°♄	
max. Earth dist.	-4654 Mar 12 j 23:56	14°♄41'40	1.32699 AU	morning set	-4653 Feb 18 j 21:00	16°♄00'47	
				max. Earth dist.	-4653 Feb 24 j 07:16	27°♄14'47	1.33174 AU
					-4653 Feb 25 j 14:15	0°♄	
superior conj	-4654 Mar 14 j 02:07	17°♄04'07	-0°21'17				
minimum elong	-4654 Mar 14 j 03:04	17°♄09'18	0°21'15				
asc. node	-4654 Mar 16 j 03:33	21°♄33'39		superior conj	-4653 Feb 26 j 11:04	1°♄51'38	-0°45'46
	-4654 Mar 20 j 01:19	0°♄		minimum elong	-4653 Feb 26 j 13:03	2°♄02'17	0°45'36
evening rise	-4654 Mar 21 j 01:45	2°♄09'17		asc. node	-4653 Mar 03 j 00:32	11°♄41'46	
	-4654 Apr 05 j 07:51	0°♄		evening rise	-4653 Mar 05 j 13:21	17°♄05'12	
evening max el	-4654 Apr 16 j 08:06	13°♄37'41	25°00'01		-4653 Mar 12 j 00:19	0°♄	
desc. node	-4654 Apr 28 j 02:35	20°♄33'31		evening max el	-4653 Mar 29 j 00:16	24°♄23'19	23°28'04
retrograde	-4654 Apr 30 j 09:05	20°♄45'35			-4653 Apr 06 j 03:59	0°♄	
evening set	-4654 May 05 j 09:24	19°♄47'39		retrograde	-4653 Apr 11 j 13:32	1°♄05'53	
min. Earth dist.	-4654 May 10 j 20:27	16°♄53'06	0.57436 AU	desc. node	-4653 Apr 14 j 23:46	0°♄40'04	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4653 Apr 15 j 06:22	0° Υ 35'51		evening set	-4652 Mar 25 j 00:19	10° K 56'17	
	-4653 Apr 17 j 02:35	30° K		desc. node	-4652 Mar 31 j 20:56	8° K 14'05	
min. Earth dist.	-4653 Apr 22 j 11:37	27° K 17'39	0.55954 AU	inferior conj	-4652 Apr 03 j 08:29	6° K 51'35	-0°40'56
inferior conj	-4653 Apr 24 j 09:57	26° K 08'37	-2°26'47	minimum elong	-4652 Apr 03 j 06:36	6° K 54'15	0°40'24
minimum elong	-4653 Apr 24 j 04:26	26° K 16'52	2°25'15	min. Earth dist.	-4652 Apr 03 j 01:35	7° K 01'18	0.55233 AU
morning rise	-4653 May 03 j 05:10	22° K 09'09		morning rise	-4652 Apr 12 j 13:45	2° K 51'23	
direct	-4653 May 05 j 16:20	21° K 54'00		direct	-4652 Apr 15 j 06:53	2° K 34'56	
morning max el	-4653 May 16 j 02:30	26° K 45'13	20°11'41	morning max el	-4652 Apr 27 j 08:47	8° K 18'11	21°34'00
	-4653 May 19 j 03:52	0° Υ			-4652 May 12 j 09:41	0° Υ	
asc. node	-4653 May 30 j 00:21	17° Υ 11'07		asc. node	-4652 May 15 j 21:18	6° Υ 49'11	
morning set	-4653 Jun 03 j 09:36	25° Υ 50'33		morning set	-4652 May 17 j 18:05	10° Υ 37'57	
	-4653 Jun 05 j 10:32	0° B					
superior conj	-4653 Jun 11 j 04:59	11° B 45'40	1°37'50	superior conj	-4652 May 25 j 03:46	26° Υ 07'27	1°22'42
minimum elong	-4653 Jun 11 j 02:34	11° B 33'34	1°37'46	minimum elong	-4652 May 25 j 01:02	25° Υ 53'17	1°22'26
max. Earth dist.	-4653 Jun 16 j 06:49	21° B 45'13	1.36522 AU	max. Earth dist.	-4652 May 27 j 00:47	0° B	
evening rise	-4653 Jun 20 j 07:54	29° B 20'46		evening rise	-4652 May 28 j 20:05	3° B 40'17	1.35025 AU
	-4653 Jun 20 j 16:28	0° II			-4652 Jun 02 j 10:01	12° B 40'55	
	-4653 Jul 09 j 00:02	0° B		desc. node	-4652 Jun 12 j 01:11	0° II	
desc. node	-4653 Jul 11 j 22:20	4° B 10'54			-4652 Jun 27 j 19:27	23° II 37'08	
evening max el	-4653 Jul 26 j 04:05	21° B 29'16	25°55'41	evening max el	-4652 Jul 02 j 23:51	0° B	
retrograde	-4653 Aug 07 j 13:45	28° B 35'53		retrograde	-4652 Jul 07 j 15:20	4° B 56'39	26°50'25
evening set	-4653 Aug 13 j 19:44	25° B 56'01		evening set	-4652 Jul 20 j 17:10	12° B 16'28	
min. Earth dist.	-4653 Aug 18 j 01:20	21° B 17'17	0.66522 AU	min. Earth dist.	-4652 Jul 27 j 11:42	9° B 28'29	
inferior conj	-4653 Aug 19 j 07:24	19° B 41'56	-2°08'40	inferior conj	-4652 Jul 31 j 09:35	5° B 28'30	0.65563 AU
minimum elong	-4653 Aug 19 j 10:14	19° B 32'56	2°07'24	minimum elong	-4652 Aug 02 j 04:45	3° B 21'04	-2°54'55
morning rise	-4653 Aug 25 j 00:50	13° B 47'23			-4652 Aug 02 j 08:17	3° B 10'39	2°53'38
asc. node	-4653 Aug 25 j 23:43	13° B 16'42		morning rise	-4652 Aug 05 j 05:18	30° K II	
direct	-4653 Aug 28 j 07:08	12° B 45'55		direct	-4652 Aug 08 j 05:11	27° II 39'56	
morning max el	-4653 Sep 04 j 08:25	16° B 46'31	19°11'36	asc. node	-4652 Aug 11 j 04:12	26° II 51'14	
	-4653 Sep 14 j 07:49	0° Ω			-4652 Aug 17 j 20:48	26° II 53'53	
morning set	-4653 Sep 27 j 05:19	20° Ω 01'52		morning max el	-4652 Aug 17 j 07:04	0° B	
	-4653 Oct 03 j 13:38	0° M		morning set	-4652 Aug 17 j 19:33	0° B 30'47	18°29'20
desc. node	-4653 Oct 07 j 21:56	6° M 49'56			-4652 Sep 06 j 13:43	0° Ω 00'16	
max. Earth dist.	-4653 Oct 11 j 16:00	12° M 44'57	1.44619 AU		-4652 Sep 06 j 13:39	0° Ω	
superior conj	-4653 Oct 13 j 18:23	16° M 04'19	-0°36'23	superior conj	-4652 Sep 21 j 17:43	24° Ω 19'27	0°12'55
minimum elong	-4653 Oct 13 j 13:52	15° M 46'25	0°35'44	minimum elong	-4652 Sep 21 j 19:23	24° Ω 26'06	0°12'51
	-4653 Oct 22 j 11:22	0° B		behind sun begin	-4652 Sep 21 j 12:21	23° Ω 58'15	
evening rise	-4653 Oct 28 j 19:15	10° B 18'25		behind sun end	-4652 Sep 22 j 02:26	24° Ω 53'56	
	-4653 Nov 09 j 22:52	0° M		max. Earth dist.	-4652 Sep 23 j 10:20	26° Ω 59'49	1.44781 AU
evening max el	-4653 Nov 17 j 17:55	10° M 24'27	18°36'15	desc. node	-4652 Sep 23 j 18:51	27° Ω 33'24	
asc. node	-4653 Nov 21 j 22:26	13° M 34'10			-4652 Sep 25 j 08:03	0° M	
retrograde	-4653 Nov 24 j 09:59	14° M 07'43		evening rise	-4652 Sep 25 j 08:03	0° M	
evening set	-4653 Nov 27 j 10:05	13° M 17'18			-4652 Oct 08 j 04:00	20° M 11'20	
inferior conj	-4653 Dec 03 j 08:24	7° M 39'49	3°16'16	greatest brilliancy	-4652 Oct 14 j 09:31	0° B	
minimum elong	-4653 Dec 03 j 05:11	7° M 49'20	3°15'21	evening max el	-4652 Oct 17 j 17:12	5° B 11'26	-0.8m
min. Earth dist.	-4653 Dec 05 j 05:50	5° M 25'41	0.64661 AU	retrograde	-4652 Oct 31 j 03:32	23° B 50'28	19°16'25
morning rise	-4653 Dec 08 j 23:53	1° M 35'15		asc. node	-4652 Nov 07 j 05:32	27° B 54'56	
	-4653 Dec 11 j 05:50	30° K B		evening set	-4652 Nov 07 j 19:35	27° B 52'58	
direct	-4653 Dec 15 j 19:15	28° B 44'23		inferior conj	-4652 Nov 10 j 12:18	26° B 52'16	
	-4653 Dec 20 j 18:02	0° M		minimum elong	-4652 Nov 16 j 04:18	20° B 59'48	2°35'45
morning max el	-4653 Dec 29 j 02:34	6° M 22'28	27°10'51	min. Earth dist.	-4652 Nov 16 j 01:16	21° B 09'28	2°34'43
desc. node	-4652 Jan 03 j 21:57	12° M 48'15		morning rise	-4652 Nov 17 j 11:55	19° B 19'15	0.65839 AU
	-4652 Jan 16 j 08:29	0° K		direct	-4652 Nov 21 j 13:58	14° B 48'45	
morning set	-4652 Feb 02 j 12:48	29° K 51'32		morning max el	-4652 Nov 27 j 21:30	12° B 04'17	
	-4652 Feb 02 j 14:32	0° B			-4652 Dec 10 j 12:17	19° B 27'45	26°14'12
max. Earth dist.	-4652 Feb 07 j 06:04	9° B 17'16	1.34064 AU	desc. node	-4652 Dec 19 j 13:37	0° M	
					-4652 Dec 20 j 18:53	1° M 36'14	
superior conj	-4652 Feb 10 j 15:49	16° B 22'06	-1°08'47	morning set	-4651 Jan 08 j 09:37	0° K	
minimum elong	-4652 Feb 10 j 18:35	16° B 36'36	1°08'35	max. Earth dist.	-4651 Jan 15 j 15:40	12° K 58'07	
	-4652 Feb 17 j 02:21	0° \approx			-4651 Jan 19 j 17:30	20° K 45'13	1.35389 AU
evening rise	-4652 Feb 17 j 23:56	1° \approx 52'58			-4651 Jan 24 j 08:37	0° B	
asc. node	-4652 Feb 17 j 21:32	1° \approx 40'27		superior conj	-4651 Jan 24 j 14:00	0° B 27'26	-1°28'59
	-4652 Mar 05 j 03:37	0° K		minimum elong	-4651 Jan 24 j 17:03	0° B 42'57	1°28'52
evening max el	-4652 Mar 09 j 19:47	5° K 12'36	21°54'57	evening rise	-4651 Feb 01 j 07:36	16° B 25'42	
retrograde	-4652 Mar 22 j 06:22	11° K 13'04		asc. node	-4651 Feb 03 j 18:33	21° B 24'20	
					-4651 Feb 08 j 06:34	0° \approx	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening max el	-4651 Feb 19 j 23:50	16° \approx 27'58	20°32'19		-4650 Feb 04 j 13:50	0° \approx	
retrograde	-4651 Mar 02 j 20:34	21° \approx 37'29		retrograde	-4650 Feb 11 j 19:55	2° \approx 42'05	
evening set	-4651 Mar 05 j 05:09	21° \approx 23'54		evening set	-4650 Feb 14 j 04:35	2° \approx 26'09	
inferior conj	-4651 Mar 14 j 04:41	17° \approx 25'36	1°14'12		-4650 Feb 19 j 20:25	30° \approx 3	
minimum elong	-4651 Mar 14 j 07:53	17° \approx 20'56	1°12'59	inferior conj	-4650 Feb 22 j 12:18	28° \approx 19'08	2°47'25
min. Earth dist.	-4651 Mar 15 j 15:36	16° \approx 34'39	0.55426 AU	minimum elong	-4650 Feb 22 j 17:25	28° \approx 10'44	2°45'55
desc. node	-4651 Mar 18 j 18:03	14° \approx 52'59		min. Earth dist.	-4650 Feb 25 j 06:26	26° \approx 31'19	0.56490 AU
morning rise	-4651 Mar 23 j 09:16	13° \approx 06'38		morning rise	-4650 Mar 03 j 03:37	23° \approx 30'42	
direct	-4651 Mar 26 j 19:50	12° \approx 40'51		desc. node	-4650 Mar 05 j 15:10	22° \approx 52'28	
morning max el	-4651 Apr 09 j 05:25	19° \approx 14'09	23°09'35	direct	-4650 Mar 07 j 18:46	22° \approx 41'45	
	-4651 Apr 18 j 02:32	0° \approx		morning max el	-4650 Mar 21 j 20:47	29° \approx 50'55	24°47'49
morning set	-4651 May 02 j 05:21	25° \approx 36'29			-4650 Mar 22 j 00:33	0° \approx	
asc. node	-4651 May 02 j 18:15	26° \approx 44'07			-4650 Apr 11 j 10:54	0° \approx	
	-4651 May 04 j 07:18	0° \approx		morning set	-4650 Apr 16 j 17:35	10° \approx 39'21	
				asc. node	-4650 Apr 19 j 15:12	16° \approx 50'03	
superior conj	-4651 May 09 j 08:56	10° \approx 50'27	1°03'32	superior conj	-4650 Apr 23 j 18:08	25° \approx 46'15	0°41'34
minimum elong	-4651 May 09 j 06:30	10° \approx 37'26	1°03'09	minimum elong	-4650 Apr 23 j 16:24	25° \approx 36'50	0°41'12
max. Earth dist.	-4651 May 11 j 19:12	15° \approx 58'46	1.33889 AU	max. Earth dist.	-4650 Apr 25 j 02:25	28° \approx 40'48	1.33120 AU
evening rise	-4651 May 17 j 00:58	26° \approx 41'38			-4650 Apr 25 j 17:08	0° \approx	
	-4651 May 18 j 17:26	0° \approx		evening rise	-4650 May 01 j 00:55	11° \approx 10'20	
	-4651 Jun 05 j 08:52	0° \approx			-4650 May 10 j 23:45	0° \approx	
desc. node	-4651 Jun 14 j 16:34	12° \approx 21'39			-4650 Jun 01 j 11:16	0° \approx	
evening max el	-4651 Jun 20 j 02:13	18° \approx 10'17	27°21'04	desc. node	-4650 Jun 01 j 13:42	0° \approx 06'07	
retrograde	-4651 Jul 03 j 15:15	25° \approx 35'26		evening max el	-4650 Jun 02 j 10:51	0° \approx 57'52	27°21'45
evening set	-4651 Jul 10 j 17:32	22° \approx 50'28		retrograde	-4650 Jun 16 j 07:17	8° \approx 22'45	
min. Earth dist.	-4651 Jul 14 j 09:26	19° \approx 26'21	0.64217 AU	evening set	-4650 Jun 23 j 09:35	5° \approx 54'53	
inferior conj	-4651 Jul 16 j 18:43	16° \approx 52'12	-3°34'17	min. Earth dist.	-4650 Jun 26 j 23:42	2° \approx 58'14	0.62510 AU
minimum elong	-4651 Jul 16 j 22:16	16° \approx 42'36	3°33'18	inferior conj	-4650 Jun 29 j 22:19	0° \approx 08'31	-4°02'53
morning rise	-4651 Jul 23 j 03:41	11° \approx 27'33		minimum elong	-4650 Jun 30 j 00:54	0° \approx 02'17	4°02'24
direct	-4651 Jul 25 j 21:34	10° \approx 48'51			-4650 Jun 30 j 01:51	30° \approx 8	
asc. node	-4651 Jul 29 j 17:51	12° \approx 04'05		morning rise	-4650 Jul 06 j 17:26	25° \approx 02'54	
morning max el	-4651 Aug 01 j 09:48	14° \approx 16'07	18°04'10	direct	-4650 Jul 09 j 08:04	24° \approx 31'51	
	-4651 Aug 12 j 09:42	0° \approx		morning max el	-4650 Jul 16 j 00:25	27° \approx 55'56	17°57'01
morning set	-4651 Aug 19 j 00:55	11° \approx 15'20		asc. node	-4650 Jul 16 j 14:54	28° \approx 32'48	
	-4651 Aug 30 j 05:35	0° \approx			-4650 Jul 17 j 21:49	0° \approx	
superior conj	-4651 Sep 01 j 05:08	3° \approx 13'44	0°57'25	morning set	-4650 Aug 01 j 10:28	23° \approx 34'01	
minimum elong	-4651 Sep 01 j 10:49	3° \approx 36'48	0°56'57		-4650 Aug 05 j 01:08	0° \approx	
max. Earth dist.	-4651 Sep 06 j 03:19	11° \approx 08'38	1.44219 AU	superior conj	-4650 Aug 12 j 18:24	13° \approx 24'39	1°28'39
desc. node	-4651 Sep 10 j 15:48	18° \approx 17'34		minimum elong	-4650 Aug 12 j 23:32	13° \approx 46'25	1°28'26
evening rise	-4651 Sep 17 j 14:57	29° \approx 08'36		max. Earth dist.	-4650 Aug 19 j 16:05	24° \approx 53'11	1.43019 AU
	-4651 Sep 18 j 04:15	0° \approx			-4650 Aug 22 j 20:08	0° \approx	
	-4651 Oct 08 j 08:15	0° \approx		evening rise	-4650 Aug 27 j 18:40	7° \approx 48'12	
evening max el	-4651 Oct 14 j 08:20	7° \approx 16'55	20°12'02	desc. node	-4650 Aug 28 j 12:47	8° \approx 58'47	
retrograde	-4651 Oct 22 j 02:43	11° \approx 50'27			-4650 Sep 11 j 11:16	0° \approx	
evening set	-4651 Oct 25 j 18:22	10° \approx 32'57		evening max el	-4650 Sep 27 j 07:05	20° \approx 42'27	21°20'38
asc. node	-4651 Oct 25 j 16:43	10° \approx 35'52		retrograde	-4650 Oct 05 j 23:25	25° \approx 51'11	
inferior conj	-4651 Oct 31 j 05:49	4° \approx 28'57	1°48'58	evening set	-4650 Oct 10 j 02:14	24° \approx 16'17	
minimum elong	-4651 Oct 31 j 03:29	4° \approx 36'46	1°48'04	asc. node	-4650 Oct 12 j 13:51	21° \approx 49'03	
min. Earth dist.	-4651 Nov 01 j 01:12	3° \approx 24'09	0.66672 AU	inferior conj	-4650 Oct 15 j 10:46	18° \approx 04'15	0°58'12
	-4651 Nov 03 j 18:29	30° \approx 8		minimum elong	-4650 Oct 15 j 09:27	18° \approx 08'47	0°57'42
morning rise	-4651 Nov 05 j 12:24	28° \approx 14'00		min. Earth dist.	-4650 Oct 15 j 19:11	17° \approx 35'19	0.67181 AU
direct	-4651 Nov 11 j 05:26	25° \approx 44'35		morning rise	-4650 Oct 20 j 16:29	11° \approx 48'19	
	-4651 Nov 20 j 00:24	0° \approx		direct	-4650 Oct 25 j 18:22	9° \approx 38'46	
morning max el	-4651 Nov 22 j 21:15	2° \approx 40'32	24°58'26	morning max el	-4650 Nov 05 j 06:26	15° \approx 55'28	23°33'22
desc. node	-4651 Dec 07 j 15:50	21° \approx 03'18			-4650 Nov 16 j 19:42	0° \approx	
	-4651 Dec 13 j 18:07	0° \approx		desc. node	-4650 Nov 24 j 12:48	10° \approx 58'08	
morning set	-4651 Dec 29 j 00:24	25° \approx 05'57			-4650 Dec 06 j 18:26	0° \approx	
	-4651 Dec 31 j 17:38	0° \approx		morning set	-4650 Dec 10 j 08:54	5° \approx 59'06	
max. Earth dist.	-4650 Jan 01 j 18:07	1° \approx 52'31	1.37129 AU	max. Earth dist.	-4650 Dec 14 j 13:50	13° \approx 12'49	1.39146 AU
superior conj	-4650 Jan 08 j 02:36	13° \approx 59'08	-1°44'31	superior conj	-4650 Dec 22 j 01:39	26° \approx 46'45	-1°52'50
minimum elong	-4650 Jan 08 j 05:07	14° \approx 11'28	1°44'33	minimum elong	-4650 Dec 22 j 02:27	26° \approx 50'30	1°53'00
evening rise	-4650 Jan 16 j 10:19	0° \approx 37'19			-4650 Dec 23 j 18:45	0° \approx	
	-4650 Jan 16 j 02:52	0° \approx		evening rise	-4650 Dec 31 j 05:35	14° \approx 21'34	
asc. node	-4650 Jan 21 j 15:35	10° \approx 47'41		asc. node	-4649 Jan 08 j 12:39	29° \approx 43'27	
evening max el	-4650 Feb 02 j 14:29	28° \approx 19'15	19°26'41				

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4649 Jan 08 j 16:35	0°☾		evening rise	-4649 Dec 14 j 14:14	27°♊30'26	
evening max el	-4649 Jan 16 j 14:45	10°☾44'30	18°40'34		-4649 Dec 15 j 22:25	0°♊	
retrograde	-4649 Jan 24 j 12:30	14°☾34'23		asc. node	-4649 Dec 26 j 09:46	18°♊02'01	
evening set	-4649 Jan 27 j 00:08	14°☾13'07		evening max el	-4649 Dec 30 j 21:59	23°♊35'00	18°14'27
inferior conj	-4649 Feb 03 j 15:06	9°☾47'57	3°43'21	retrograde	-4648 Jan 06 j 23:16	27°♊07'31	
minimum elong	-4649 Feb 03 j 18:29	9°☾41'29	3°42'38	evening set	-4648 Jan 09 j 13:38	26°♊39'37	
min. Earth dist.	-4649 Feb 06 j 23:11	7°☾17'02	0.58182 AU	inferior conj	-4648 Jan 16 j 13:54	21°♊52'38	4°04'15
morning rise	-4649 Feb 11 j 10:27	4°☾32'42		minimum elong	-4648 Jan 16 j 14:23	21°♊51'34	4°04'01
direct	-4649 Feb 17 j 07:02	3°☾07'36		min. Earth dist.	-4648 Jan 19 j 20:32	19°♊00'36	0.60159 AU
desc. node	-4649 Feb 20 j 12:16	3°☾33'01		morning rise	-4648 Jan 23 j 13:33	16°♊17'28	
morning max el	-4649 Mar 03 j 12:53	10°☾35'35	26°14'13	direct	-4648 Jan 30 j 06:30	14°♊13'52	
	-4649 Mar 18 j 10:25	0°♊		desc. node	-4648 Feb 07 j 09:22	16°♊56'45	
morning set	-4649 Apr 01 j 05:11	25°♊40'38		morning max el	-4648 Feb 13 j 10:17	21°♊50'47	27°14'53
	-4649 Apr 03 j 06:09	0°♋			-4648 Feb 20 j 14:49	0°☾	
asc. node	-4649 Apr 06 j 12:11	7°♋02'33			-4648 Mar 10 j 07:32	0°♊	
				morning set	-4648 Mar 15 j 14:16	10°♊32'38	
superior conj	-4649 Apr 08 j 05:29	10°♋48'13	0°17'49	max. Earth dist.	-4648 Mar 22 j 04:16	24°♊38'20	1.32610 AU
minimum elong	-4649 Apr 08 j 04:42	10°♋43'57	0°17'34				
max. Earth dist.	-4649 Apr 08 j 14:43	11°♋38'42	1.32700 AU	superior conj	-4648 Mar 22 j 17:12	25°♊49'04	-0°06'56
evening rise	-4649 Apr 15 j 06:57	25°♋57'24		minimum elong	-4648 Mar 22 j 17:31	25°♊50'47	0°07'01
	-4649 Apr 17 j 06:20	0°♌		behind sun begin	-4648 Mar 22 j 13:00	25°♊26'03	
	-4649 May 04 j 15:45	0°♋		behind sun end	-4648 Mar 22 j 22:02	26°♊15'32	
evening max el	-4649 May 15 j 14:59	13°♋09'06	26°49'36	asc. node	-4648 Mar 23 j 09:11	27°♊16'28	
desc. node	-4649 May 19 j 10:50	16°♋25'30			-4648 Mar 24 j 15:06	0°♋	
retrograde	-4649 May 29 j 15:49	20°♋30'11		evening rise	-4648 Mar 29 j 16:39	10°♋53'19	
evening set	-4649 Jun 05 j 07:45	18°♋33'00			-4648 Apr 08 j 13:43	0°♌	
min. Earth dist.	-4649 Jun 09 j 04:31	15°♋49'52	0.60548 AU	evening max el	-4648 Apr 26 j 12:52	24°♋38'11	25°46'46
inferior conj	-4649 Jun 12 j 12:11	13°♋02'12	-4°14'47		-4648 May 03 j 16:27	0°♋	
minimum elong	-4649 Jun 12 j 12:28	13°♋01'37	4°14'37	desc. node	-4648 May 05 j 07:59	0°♋46'14	
morning rise	-4649 Jun 19 j 19:06	8°♋17'31		retrograde	-4648 May 10 j 15:00	1°♋52'30	
direct	-4649 Jun 22 j 07:58	7°♋52'23		evening set	-4648 May 16 j 08:47	0°♋33'21	
morning max el	-4649 Jun 29 j 12:40	11°♋23'22	18°08'50		-4648 May 17 j 12:07	30°♌♌	
asc. node	-4649 Jul 03 j 11:57	16°♋04'37		min. Earth dist.	-4648 May 21 j 01:24	27°♌47'28	0.58522 AU
	-4649 Jul 11 j 22:03	0°♍		inferior conj	-4648 May 24 j 08:37	25°♌23'20	-4°01'22
morning set	-4649 Jul 15 j 13:03	6°♍42'54		minimum elong	-4648 May 24 j 05:34	25°♌28'56	4°00'56
				morning rise	-4648 Jun 01 j 05:04	21°♌00'06	
superior conj	-4649 Jul 25 j 10:33	24°♍55'32	1°45'11	direct	-4648 Jun 03 j 16:53	20°♌39'51	
minimum elong	-4649 Jul 25 j 12:59	25°♍06'23	1°45'19	morning max el	-4648 Jun 11 j 19:41	24°♌30'06	18°40'36
	-4649 Jul 28 j 07:25	0°♎			-4648 Jun 16 j 11:16	0°♋	
max. Earth dist.	-4649 Aug 01 j 23:30	8°♎01'07	1.41349 AU	asc. node	-4648 Jun 19 j 08:59	4°♋25'24	
evening rise	-4649 Aug 07 j 11:37	17°♎06'10		morning set	-4648 Jun 28 j 04:07	20°♋30'39	
desc. node	-4649 Aug 15 j 09:47	29°♎33'34			-4648 Jul 03 j 01:28	0°♍	
	-4649 Aug 15 j 16:42	0°♏					
	-4649 Sep 06 j 05:54	0°♎		superior conj	-4648 Jul 07 j 00:39	7°♍33'41	1°49'21
evening max el	-4649 Sep 09 j 23:51	4°♎07'25	22°38'13	minimum elong	-4648 Jul 07 j 00:29	7°♍32'54	1°49'33
retrograde	-4649 Sep 19 j 17:58	9°♎54'35		max. Earth dist.	-4648 Jul 14 j 02:22	20°♍27'17	1.39430 AU
evening set	-4649 Sep 24 j 10:01	8°♎00'13		evening rise	-4648 Jul 18 j 05:41	27°♍36'49	
asc. node	-4649 Sep 29 j 11:01	2°♎04'55			-4648 Jul 19 j 15:40	0°♎	
inferior conj	-4649 Sep 29 j 17:14	1°♎43'29	0°05'18	desc. node	-4648 Aug 01 j 06:47	19°♎57'49	
minimum elong	-4649 Sep 29 j 17:06	1°♎43'55	0°05'22		-4648 Aug 08 j 05:49	0°♏	
transit middle	-4649 Sep 29 j 17:06	1°♎43'55	0°05'22	evening max el	-4648 Aug 22 j 12:14	17°♏33'48	23°59'05
transit begin	-4649 Sep 29 j 14:33	1°♎52'43		retrograde	-4648 Sep 02 j 09:13	23°♏58'09	
transit end	-4649 Sep 29 j 19:39	1°♎35'08		evening set	-4648 Sep 07 j 15:58	21°♏43'50	
min. Earth dist.	-4649 Sep 29 j 15:20	1°♎50'01	0.67392 AU	inferior conj	-4648 Sep 12 j 23:29	15°♏25'36	-0°47'59
	-4649 Sep 30 j 23:29	30°♏♏		minimum elong	-4648 Sep 13 j 00:36	15°♏21'49	0°47'20
morning rise	-4649 Oct 05 j 00:03	25°♏29'40		min. Earth dist.	-4648 Sep 12 j 11:14	16°♏07'13	0.67305 AU
direct	-4649 Oct 09 j 11:25	23°♏41'29		asc. node	-4648 Sep 15 j 08:10	12°♏20'06	
morning max el	-4649 Oct 18 j 18:52	29°♏13'51	22°08'04	morning rise	-4648 Sep 18 j 09:10	9°♏16'56	
	-4649 Oct 19 j 12:38	0°♐		direct	-4648 Sep 22 j 07:32	7°♏49'08	
	-4649 Nov 10 j 14:42	0°♑		morning max el	-4648 Sep 30 j 13:34	12°♏40'02	20°49'47
desc. node	-4649 Nov 11 j 09:44	1°♑12'07			-4648 Oct 13 j 21:31	0°♐	
morning set	-4649 Nov 20 j 12:49	15°♑28'08		desc. node	-4648 Oct 28 j 06:39	21°♐39'41	
max. Earth dist.	-4649 Nov 26 j 12:46	25°♑18'34	1.41186 AU	morning set	-4648 Oct 29 j 17:09	23°♐53'42	
	-4649 Nov 29 j 07:19	0°♒			-4648 Nov 02 j 14:29	0°♑	
				max. Earth dist.	-4648 Nov 07 j 19:06	8°♑18'59	1.42948 AU
superior conj	-4649 Dec 04 j 05:52	8°♒35'52	-1°50'43				
minimum elong	-4649 Dec 04 j 03:38	8°♒25'56	1°50'47	superior conj	-4648 Nov 14 j 09:31	19°♑12'34	-1°34'29

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4648 Nov 14 j 03:50	18° Ω 48'40	1°34'06	superior conj	-4647 Oct 25 j 09:22	28° Π 30'41	-1°01'48
	-4648 Nov 20 j 16:54	0° Π		minimum elong	-4647 Oct 25 j 02:52	28° Π 04'33	1°01'01
evening rise	-4648 Nov 26 j 08:23	9° Π 56'02			-4647 Oct 26 j 07:32	0° Ω	
	-4648 Dec 08 j 03:12	0° \mathcal{A}		evening rise	-4647 Nov 08 j 07:16	21° Ω 28'02	
asc. node	-4648 Dec 12 j 06:53	5° \mathcal{A} 32'14			-4647 Nov 13 j 08:35	0° Π	
evening max el	-4648 Dec 13 j 09:22	6° \mathcal{A} 43'03	18°08'06	evening max el	-4647 Nov 26 j 22:04	20° Π 01'40	18°20'49
retrograde	-4648 Dec 20 j 00:33	10° \mathcal{A} 11'40		asc. node	-4647 Nov 29 j 04:00	22° Π 00'00	
evening set	-4648 Dec 22 j 17:44	9° \mathcal{A} 36'14		retrograde	-4647 Dec 03 j 11:49	23° Π 37'10	
inferior conj	-4648 Dec 29 j 06:02	4° \mathcal{A} 27'53	3°58'54	evening set	-4647 Dec 06 j 08:49	22° Π 52'55	
minimum elong	-4648 Dec 29 j 04:14	4° \mathcal{A} 32'25	3°58'32	inferior conj	-4647 Dec 12 j 11:37	17° Π 25'22	3°35'32
min. Earth dist.	-4647 Jan 01 j 02:03	1° \mathcal{A} 37'33	0.62106 AU	minimum elong	-4647 Dec 12 j 08:38	17° Π 33'45	3°34'48
	-4647 Jan 02 j 20:33	30° $\mathcal{R}\Pi$		min. Earth dist.	-4647 Dec 14 j 17:31	14° Π 54'25	0.63815 AU
morning rise	-4647 Jan 04 j 13:46	28° Π 38'17		morning rise	-4647 Dec 18 j 07:52	11° Π 25'14	
direct	-4647 Jan 11 j 15:08	26° Π 04'52		direct	-4647 Dec 25 j 07:35	8° Π 36'15	
	-4647 Jan 21 j 05:45	0° \mathcal{A}		morning max el	-4646 Jan 07 j 22:13	16° Π 19'00	27°31'21
desc. node	-4647 Jan 24 j 06:27	2° \mathcal{A} 31'57		desc. node	-4646 Jan 11 j 03:28	19° Π 42'55	
morning max el	-4647 Jan 25 j 14:04	3° \mathcal{A} 46'57	27°41'05		-4646 Jan 19 j 07:45	0° \mathcal{A}	
	-4647 Feb 14 j 03:24	0° \mathcal{B}			-4646 Feb 06 j 19:48	0° \mathcal{B}	
morning set	-4647 Feb 27 j 18:48	25° \mathcal{B} 08'15		morning set	-4646 Feb 11 j 16:12	9° \mathcal{B} 18'46	
	-4647 Mar 02 j 03:19	0° \approx		max. Earth dist.	-4646 Feb 16 j 19:23	19° \mathcal{B} 47'19	1.33496 AU
max. Earth dist.	-4647 Mar 05 j 15:10	7° \approx 25'47	1.32863 AU				
				superior conj	-4646 Feb 19 j 11:05	25° \mathcal{B} 24'12	-0°55'47
superior conj	-4647 Mar 07 j 03:39	10° \approx 43'01	-0°31'46	minimum elong	-4646 Feb 19 j 13:26	25° \mathcal{B} 36'45	0°55'35
minimum elong	-4647 Mar 07 j 05:04	10° \approx 50'39	0°31'41		-4646 Feb 21 j 14:37	0° \approx	
asc. node	-4647 Mar 10 j 06:10	17° \approx 27'45		asc. node	-4646 Feb 25 j 03:09	7° \approx 32'26	
evening rise	-4647 Mar 14 j 04:05	25° \approx 51'01		evening rise	-4646 Feb 26 j 15:28	10° \approx 44'15	
	-4647 Mar 16 j 03:59	0° \mathcal{H}			-4646 Mar 08 j 16:32	0° \mathcal{H}	
	-4647 Apr 03 j 04:19	0° \mathcal{Y}		evening max el	-4646 Mar 20 j 22:24	16° \mathcal{H} 16'55	22°47'47
evening max el	-4647 Apr 08 j 05:38	5° \mathcal{Y} 32'51	24°21'41	retrograde	-4646 Apr 03 j 02:33	22° \mathcal{H} 44'13	
retrograde	-4647 Apr 22 j 02:55	12° \mathcal{Y} 32'09		evening set	-4646 Apr 06 j 07:50	22° \mathcal{H} 21'29	
desc. node	-4647 Apr 22 j 05:09	12° \mathcal{Y} 32'08		desc. node	-4646 Apr 09 j 02:19	21° \mathcal{H} 28'31	
evening set	-4647 Apr 26 j 13:49	11° \mathcal{Y} 47'34		min. Earth dist.	-4646 Apr 14 j 08:12	18° \mathcal{H} 49'20	0.55537 AU
min. Earth dist.	-4647 May 02 j 17:32	8° \mathcal{Y} 44'28	0.56735 AU	inferior conj	-4646 Apr 15 j 15:02	18° \mathcal{H} 04'52	-1°45'04
inferior conj	-4647 May 05 j 09:02	7° \mathcal{Y} 03'45	-3°12'48	minimum elong	-4646 Apr 15 j 10:35	18° \mathcal{H} 11'19	1°43'44
minimum elong	-4647 May 05 j 03:27	7° \mathcal{Y} 12'40	3°11'31	morning rise	-4646 Apr 24 j 15:27	14° \mathcal{H} 07'16	
morning rise	-4647 May 13 j 20:14	2° \mathcal{Y} 58'37		direct	-4646 Apr 27 j 03:46	13° \mathcal{H} 52'24	
direct	-4647 May 16 j 07:05	2° \mathcal{Y} 42'16		morning max el	-4646 May 08 j 07:31	19° \mathcal{H} 05'17	20°44'39
morning max el	-4647 May 25 j 18:41	7° \mathcal{Y} 06'41	19°32'45		-4646 May 16 j 22:38	0° \mathcal{Y}	
asc. node	-4647 Jun 06 j 05:59	23° \mathcal{Y} 23'15		asc. node	-4646 May 24 j 02:56	12° \mathcal{Y} 49'09	
	-4647 Jun 09 j 17:54	0° \mathcal{B}		morning set	-4646 May 27 j 10:05	19° \mathcal{Y} 26'07	
morning set	-4647 Jun 12 j 04:02	4° \mathcal{B} 47'28			-4646 Jun 01 j 12:45	0° \mathcal{B}	
superior conj	-4647 Jun 20 j 06:58	21° \mathcal{B} 02'41	1°44'06	superior conj	-4646 Jun 04 j 00:52	5° \mathcal{B} 09'09	1°32'00
minimum elong	-4647 Jun 20 j 05:06	20° \mathcal{B} 53'32	1°44'10	minimum elong	-4646 Jun 03 j 22:14	4° \mathcal{B} 55'44	1°31'51
	-4647 Jun 24 j 22:29	0° Π		max. Earth dist.	-4646 Jun 08 j 12:04	14° \mathcal{B} 06'28	1.35840 AU
max. Earth dist.	-4647 Jun 26 j 04:27	2° Π 20'17	1.37520 AU	evening rise	-4646 Jun 12 j 18:02	22° \mathcal{B} 14'55	
evening rise	-4647 Jun 30 j 01:22	9° Π 23'30			-4646 Jun 17 j 00:13	0° Π	
	-4647 Jul 12 j 09:57	0° \mathcal{E}		desc. node	-4646 Jul 06 j 00:53	29° Π 50'25	
desc. node	-4647 Jul 19 j 03:49	10° \mathcal{E} 05'50			-4646 Jul 06 j 03:42	0° \mathcal{E}	
	-4647 Aug 03 j 21:57	0° Ω		evening max el	-4646 Jul 18 j 09:30	14° \mathcal{E} 32'29	26°21'24
evening max el	-4647 Aug 04 j 22:43	1° Ω 02'29	25°16'11	retrograde	-4646 Jul 31 j 03:02	21° \mathcal{E} 46'47	
retrograde	-4647 Aug 16 j 20:27	7° Ω 57'16		evening set	-4646 Aug 06 j 14:41	19° \mathcal{E} 02'13	
evening set	-4647 Aug 22 j 18:13	5° Ω 25'05		min. Earth dist.	-4646 Aug 10 j 16:48	14° \mathcal{E} 39'58	0.66158 AU
min. Earth dist.	-4647 Aug 27 j 04:29	0° Ω 24'44	0.66903 AU	inferior conj	-4646 Aug 12 j 04:19	12° \mathcal{E} 50'20	-2°28'58
	-4647 Aug 27 j 12:03	30° $\mathcal{R}\mathcal{E}$		minimum elong	-4646 Aug 12 j 07:30	12° \mathcal{E} 40'29	2°27'39
inferior conj	-4647 Aug 28 j 03:47	29° \mathcal{E} 08'27	-1°40'01	morning rise	-4646 Aug 18 j 00:33	7° \mathcal{E} 01'05	
minimum elong	-4647 Aug 28 j 06:04	29° \mathcal{E} 01'02	1°38'55	asc. node	-4646 Aug 20 j 02:23	6° \mathcal{E} 11'46	
asc. node	-4647 Sep 02 j 05:18	23° \mathcal{E} 30'48		direct	-4646 Aug 21 j 03:21	6° \mathcal{E} 05'36	
morning rise	-4647 Sep 02 j 17:58	23° \mathcal{E} 07'59		morning max el	-4646 Aug 27 j 23:47	9° \mathcal{E} 56'33	18°51'32
direct	-4647 Sep 06 j 05:23	21° \mathcal{E} 57'58			-4646 Sep 11 j 05:23	0° Ω	
morning max el	-4647 Sep 13 j 15:30	26° \mathcal{E} 14'43	19°43'16	morning set	-4646 Sep 18 j 09:53	11° Ω 25'35	
	-4647 Sep 16 j 22:14	0° Ω			-4646 Sep 30 j 03:22	0° Π	
	-4647 Oct 07 j 06:41	0° Π		desc. node	-4646 Oct 02 j 00:26	2° Π 57'35	
morning set	-4647 Oct 08 j 16:49	2° Π 12'24		max. Earth dist.	-4646 Oct 04 j 00:18	6° Π 06'14	1.44774 AU
desc. node	-4647 Oct 15 j 03:32	12° Π 15'54					
max. Earth dist.	-4647 Oct 21 j 07:46	22° Π 00'30	1.44192 AU	superior conj	-4646 Oct 04 j 12:18	6° Π 53'30	-0°15'42
				minimum elong	-4646 Oct 04 j 10:15	6° Π 45'26	0°15'20

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

behind sun begin	-4646 Oct 04 j 06:15	6° \mathbb{M} 29'41			-4645 Aug 16 j 13:58	0° \mathfrak{G}	
behind sun end	-4646 Oct 04 j 14:15	7° \mathbb{M} 01'12		morning set	-4645 Aug 30 j 06:02	21° \mathfrak{G} 57'47	
	-4646 Oct 19 j 01:14	0° \mathfrak{L}			-4645 Sep 04 j 02:56	0° \mathcal{L}	
evening rise	-4646 Oct 20 j 06:29	1° \mathfrak{L} 57'39					
	-4646 Nov 07 j 10:49	0° \mathbb{M}		superior conj	-4645 Sep 13 j 14:12	15° \mathcal{L} 18'11	0°33'04
evening max el	-4646 Nov 10 j 09:31	3° \mathbb{M} 26'07	18°51'25	minimum elong	-4645 Sep 13 j 18:09	15° \mathcal{L} 33'58	0°32'44
asc. node	-4646 Nov 16 j 01:08	7° \mathbb{M} 09'57		max. Earth dist.	-4645 Sep 16 j 18:17	20° \mathcal{L} 20'12	1.44629 AU
retrograde	-4646 Nov 17 j 05:08	7° \mathbb{M} 17'34		desc. node	-4645 Sep 18 j 21:22	23° \mathcal{L} 41'49	
evening set	-4646 Nov 20 j 07:44	6° \mathbb{M} 22'24			-4645 Sep 22 j 21:41	0° \mathbb{M}	
inferior conj	-4646 Nov 26 j 03:09	0° \mathbb{M} 38'23	3°00'03	evening rise	-4645 Sep 30 j 04:55	11° \mathbb{M} 24'09	
minimum elong	-4646 Nov 25 j 23:56	0° \mathbb{M} 48'14	2°59'03	greatest brilliancy	-4645 Oct 12 j 01:02	29° \mathbb{M} 41'52	-0.7m
	-4646 Nov 26 j 15:40	30° \mathbb{R} \mathfrak{L}			-4645 Oct 12 j 05:49	0° \mathfrak{L}	
min. Earth dist.	-4646 Nov 27 j 18:40	28° \mathfrak{L} 37'40	0.65201 AU	evening max el	-4645 Oct 24 j 17:24	16° \mathfrak{L} 53'12	19°38'25
morning rise	-4646 Dec 01 j 15:46	24° \mathfrak{L} 30'39		retrograde	-4645 Nov 01 j 01:33	21° \mathfrak{L} 08'46	
direct	-4646 Dec 08 j 06:39	21° \mathfrak{L} 40'46		asc. node	-4645 Nov 02 j 22:16	20° \mathfrak{L} 48'37	
morning max el	-4646 Dec 21 j 07:47	29° \mathfrak{L} 14'52	26°49'40	evening set	-4645 Nov 04 j 11:51	20° \mathfrak{L} 00'08	
	-4646 Dec 22 j 01:38	0° \mathbb{M}		inferior conj	-4645 Nov 10 j 01:44	14° \mathfrak{L} 02'38	2°16'31
desc. node	-4646 Dec 29 j 00:27	8° \mathbb{M} 01'30		minimum elong	-4645 Nov 09 j 22:57	14° \mathfrak{L} 11'43	2°15'31
	-4645 Jan 13 j 03:58	0° \mathfrak{M}		min. Earth dist.	-4645 Nov 11 j 04:01	12° \mathfrak{L} 37'03	0.66236 AU
morning set	-4645 Jan 26 j 03:03	22° \mathfrak{M} 52'25		morning rise	-4645 Nov 15 j 09:48	7° \mathfrak{L} 49'47	
	-4645 Jan 29 j 18:37	0° \mathfrak{Z}		direct	-4645 Nov 21 j 11:31	5° \mathfrak{L} 10'41	
max. Earth dist.	-4645 Jan 30 j 13:14	1° \mathfrak{Z} 33'08	1.34562 AU	morning max el	-4645 Dec 03 j 16:58	12° \mathfrak{L} 23'38	25°43'44
				desc. node	-4645 Dec 15 j 21:24	27° \mathfrak{L} 07'56	
superior conj	-4645 Feb 03 j 13:22	9° \mathfrak{Z} 44'58	-1°17'49		-4645 Dec 17 j 22:53	0° \mathbb{M}	
minimum elong	-4645 Feb 03 j 16:19	10° \mathfrak{Z} 00'20	1°17'37		-4644 Jan 05 j 20:12	0° \mathfrak{M}	
evening rise	-4645 Feb 11 j 01:01	25° \mathfrak{Z} 26'05		morning set	-4644 Jan 08 j 22:54	5° \mathfrak{M} 35'51	
asc. node	-4645 Feb 12 j 00:09	27° \mathfrak{Z} 25'25		max. Earth dist.	-4644 Jan 12 j 19:30	12° \mathfrak{M} 48'34	1.36082 AU
	-4645 Feb 13 j 06:30	0° \mathfrak{M}					
evening max el	-4645 Mar 02 j 21:14	27° \mathfrak{M} 16'03	21°18'12	superior conj	-4644 Jan 18 j 07:56	23° \mathfrak{M} 37'32	-1°36'17
	-4645 Mar 06 j 05:13	0° \mathfrak{M}		minimum elong	-4644 Jan 18 j 10:52	23° \mathfrak{M} 52'18	1°36'13
retrograde	-4645 Mar 14 j 16:50	2° \mathfrak{M} 54'56			-4644 Jan 21 j 11:23	0° \mathfrak{Z}	
evening set	-4645 Mar 17 j 04:59	2° \mathfrak{M} 40'34		evening rise	-4644 Jan 26 j 06:51	9° \mathfrak{Z} 50'41	
	-4645 Mar 24 j 02:06	30° \mathbb{R} \mathfrak{M}		asc. node	-4644 Jan 29 j 21:11	17° \mathfrak{Z} 01'29	
inferior conj	-4645 Mar 26 j 10:56	28° \mathfrak{M} 41'07	0°08'39		-4644 Feb 06 j 05:38	0° \mathfrak{M}	
minimum elong	-4645 Mar 26 j 11:19	28° \mathfrak{M} 40'34	0°08'23	evening max el	-4644 Feb 13 j 05:52	8° \mathfrak{M} 46'42	20°02'11
transit middle	-4645 Mar 26 j 11:19	28° \mathfrak{M} 40'34	0°08'23	retrograde	-4644 Feb 23 j 09:00	13° \mathfrak{M} 34'35	
transit begin	-4645 Mar 26 j 07:51	28° \mathfrak{M} 45'29		evening set	-4644 Feb 25 j 17:12	13° \mathfrak{M} 20'22	
transit end	-4645 Mar 26 j 14:48	28° \mathfrak{M} 35'38		inferior conj	-4644 Mar 05 j 10:29	9° \mathfrak{M} 20'06	1°57'47
desc. node	-4645 Mar 26 j 23:28	28° \mathfrak{M} 23'22		minimum elong	-4644 Mar 05 j 15:02	9° \mathfrak{M} 13'11	1°56'13
min. Earth dist.	-4645 Mar 26 j 22:32	28° \mathfrak{M} 24'42	0.55197 AU	min. Earth dist.	-4644 Mar 07 j 12:38	8° \mathfrak{M} 04'05	0.55787 AU
morning rise	-4645 Apr 04 j 17:25	24° \mathfrak{M} 34'32		desc. node	-4644 Mar 12 j 20:36	5° \mathfrak{M} 21'16	
direct	-4645 Apr 07 j 16:19	24° \mathfrak{M} 15'22		morning rise	-4644 Mar 14 j 10:48	4° \mathfrak{M} 49'22	
	-4645 Apr 20 j 00:04	0° \mathfrak{M}		direct	-4644 Mar 18 j 08:57	4° \mathfrak{M} 15'27	
morning max el	-4645 Apr 20 j 09:25	0° \mathfrak{M} 21'43	22°13'23	morning max el	-4644 Apr 01 j 02:54	11° \mathfrak{M} 05'42	23°51'43
	-4645 May 09 j 17:29	0° \mathfrak{Y}			-4644 Apr 15 j 05:56	0° \mathfrak{M}	
asc. node	-4645 May 10 j 23:52	2° \mathfrak{Y} 35'02		morning set	-4644 Apr 25 j 07:54	19° \mathfrak{M} 20'04	
morning set	-4645 May 11 j 19:59	4° \mathfrak{Y} 18'59		asc. node	-4644 Apr 26 j 20:51	22° \mathfrak{M} 35'11	
					-4644 Apr 30 j 07:43	0° \mathfrak{Y}	
superior conj	-4645 May 19 j 02:43	19° \mathfrak{Y} 41'06	1°14'59				
minimum elong	-4645 May 19 j 00:03	19° \mathfrak{Y} 27'05	1°14'39	superior conj	-4644 May 02 j 09:51	4° \mathfrak{Y} 30'10	0°54'30
max. Earth dist.	-4645 May 22 j 05:28	26° \mathfrak{Y} 10'08	1.34502 AU	minimum elong	-4644 May 02 j 07:40	4° \mathfrak{Y} 18'26	0°54'06
	-4645 May 24 j 02:38	0° \mathfrak{Z}		max. Earth dist.	-4644 May 04 j 08:37	8° \mathfrak{Y} 40'17	1.33529 AU
evening rise	-4645 May 27 j 02:13	5° \mathfrak{Z} 54'26		evening rise	-4644 May 09 j 21:26	20° \mathfrak{Y} 08'28	
	-4645 Jun 09 j 16:21	0° \mathbb{I}			-4644 May 14 j 23:32	0° \mathfrak{Z}	
desc. node	-4645 Jun 22 j 22:00	19° \mathbb{I} 00'43			-4644 Jun 02 j 18:10	0° \mathbb{I}	
evening max el	-4645 Jun 30 j 20:57	27° \mathbb{I} 56'01	27°06'48	desc. node	-4644 Jun 08 j 19:07	7° \mathbb{I} 22'08	
	-4645 Jul 03 j 03:17	0° \mathfrak{G}		evening max el	-4644 Jun 12 j 07:25	11° \mathbb{I} 00'45	27°25'14
retrograde	-4645 Jul 14 j 04:22	5° \mathfrak{G} 18'55		retrograde	-4644 Jun 25 j 23:42	18° \mathbb{I} 25'13	
evening set	-4645 Jul 21 j 02:45	2° \mathfrak{G} 31'00		evening set	-4644 Jul 03 j 03:10	15° \mathbb{I} 46'03	
	-4645 Jul 23 j 18:51	30° \mathbb{R} \mathbb{I}		min. Earth dist.	-4644 Jul 06 j 17:46	12° \mathbb{I} 34'49	0.63539 AU
min. Earth dist.	-4645 Jul 24 j 21:52	28° \mathbb{I} 46'31	0.65038 AU	inferior conj	-4644 Jul 09 j 08:50	9° \mathbb{I} 52'43	-3°48'02
inferior conj	-4645 Jul 26 j 22:52	26° \mathbb{I} 26'58	-3°12'40	minimum elong	-4644 Jul 09 j 12:07	9° \mathbb{I} 44'13	3°47'15
minimum elong	-4645 Jul 27 j 02:31	26° \mathbb{I} 16'35	3°11'28	morning rise	-4644 Jul 15 j 21:55	4° \mathbb{I} 35'36	
morning rise	-4645 Aug 02 j 02:44	20° \mathbb{I} 52'11		direct	-4644 Jul 18 j 14:17	4° \mathbb{I} 00'15	
direct	-4645 Aug 04 j 23:16	20° \mathbb{I} 08'03		asc. node	-4644 Jul 23 j 20:30	6° \mathbb{I} 14'56	
asc. node	-4645 Aug 06 j 23:27	20° \mathbb{I} 29'39		morning max el	-4644 Jul 25 j 03:11	7° \mathbb{I} 24'49	17°58'48
morning max el	-4645 Aug 11 j 12:30	23° \mathbb{I} 41'34	18°16'22		-4644 Aug 09 j 00:26	0° \mathfrak{G}	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning set	-4644 Aug 11 j 03:27	3° \mathbb{D} 41'53		morning set	-4643 Jul 15 j 12:25	0° \mathbb{I}	
					-4643 Jul 24 j 20:57	16° \mathbb{I} 24'14	
superior conj	-4644 Aug 23 j 11:43	24° \mathbb{D} 42'07	1°12'32		-4643 Aug 01 j 09:51	0° \mathbb{D}	
minimum elong	-4644 Aug 23 j 17:38	25° \mathbb{D} 06'31	1°12'08				
	-4644 Aug 26 j 17:18	0° Ω		superior conj	-4643 Aug 04 j 12:57	5° \mathbb{D} 29'09	1°37'22
max. Earth dist.	-4644 Aug 29 j 10:20	4° Ω 22'41	1.43783 AU	minimum elong	-4643 Aug 04 j 17:02	5° \mathbb{D} 46'49	1°37'19
desc. node	-4644 Sep 04 j 18:20	14° Ω 24'59		max. Earth dist.	-4643 Aug 11 j 21:19	17° \mathbb{D} 55'01	1.42355 AU
evening rise	-4644 Sep 08 j 10:24	20° Ω 07'41		evening rise	-4643 Aug 18 j 17:35	28° \mathbb{D} 57'52	
	-4644 Sep 14 j 21:03	0° \mathbb{P}			-4643 Aug 19 j 09:20	0° Ω	
	-4644 Oct 06 j 12:17	0° $\underline{\mathbf{a}}$		desc. node	-4643 Aug 22 j 15:18	5° Ω 04'11	
evening max el	-4644 Oct 06 j 19:47	0° $\underline{\mathbf{a}}$ 19'27	20°39'52		-4643 Sep 08 j 13:41	0° \mathbb{P}	
retrograde	-4644 Oct 14 j 22:41	5° $\underline{\mathbf{a}}$ 06'55		evening max el	-4643 Sep 19 j 15:49	13° \mathbb{P} 44'30	21°52'44
evening set	-4644 Oct 18 j 18:56	3° $\underline{\mathbf{a}}$ 42'05		retrograde	-4643 Sep 28 j 18:45	19° \mathbb{P} 09'37	
asc. node	-4644 Oct 19 j 19:25	2° $\underline{\mathbf{a}}$ 51'04		evening set	-4643 Oct 03 j 03:01	17° \mathbb{P} 26'24	
	-4644 Oct 22 j 08:55	30° \mathbb{R} \mathbb{P}		asc. node	-4643 Oct 06 j 16:35	13° \mathbb{P} 34'39	
inferior conj	-4644 Oct 24 j 04:56	27° \mathbb{P} 34'17	1°27'45	inferior conj	-4643 Oct 08 j 10:46	11° \mathbb{P} 11'42	0°35'53
minimum elong	-4644 Oct 24 j 03:00	27° \mathbb{P} 40'50	1°27'01	minimum elong	-4643 Oct 08 j 09:57	11° \mathbb{P} 14'33	0°35'37
min. Earth dist.	-4644 Oct 24 j 19:28	26° \mathbb{P} 45'03	0.66929 AU	min. Earth dist.	-4643 Oct 08 j 14:40	10° \mathbb{P} 58'14	0.67309 AU
morning rise	-4644 Oct 29 j 10:55	21° \mathbb{P} 18'50		morning rise	-4643 Oct 13 j 16:45	4° \mathbb{P} 56'21	
direct	-4644 Nov 03 j 21:31	18° \mathbb{P} 57'40		direct	-4643 Oct 18 j 12:12	2° \mathbb{P} 56'11	
morning max el	-4644 Nov 15 j 01:44	25° \mathbb{P} 37'17	24°22'52	morning max el	-4643 Oct 28 j 12:06	8° \mathbb{P} 54'14	22°56'37
	-4644 Nov 19 j 01:50	0° $\underline{\mathbf{a}}$			-4643 Nov 13 j 23:19	0° $\underline{\mathbf{a}}$	
desc. node	-4644 Dec 01 j 18:22	16° $\underline{\mathbf{a}}$ 47'50		desc. node	-4643 Nov 18 j 15:19	6° $\underline{\mathbf{a}}$ 51'40	
	-4644 Dec 10 j 12:15	0° \mathbb{M}		morning set	-4643 Dec 01 j 18:32	27° $\underline{\mathbf{a}}$ 30'21	
morning set	-4644 Dec 20 j 22:00	17° \mathbb{M} 12'59			-4643 Dec 03 j 06:35	0° \mathbb{M}	
max. Earth dist.	-4644 Dec 24 j 17:25	23° \mathbb{M} 57'59	1.37972 AU	max. Earth dist.	-4643 Dec 06 j 13:56	5° \mathbb{M} 35'49	1.40032 AU
	-4644 Dec 28 j 00:21	0° \mathbb{X}					
superior conj	-4644 Dec 31 j 15:17	6° \mathbb{X} 51'34	-1°49'06	superior conj	-4643 Dec 14 j 06:58	19° \mathbb{M} 15'31	-1°53'26
minimum elong	-4644 Dec 31 j 17:14	7° \mathbb{X} 00'57	1°49'13	minimum elong	-4643 Dec 14 j 06:37	19° \mathbb{M} 13'57	1°53'36
evening rise	-4643 Jan 09 j 06:43	23° \mathbb{X} 51'17			-4643 Dec 20 j 01:12	0° \mathbb{X}	
	-4643 Jan 12 j 10:10	0° \mathbb{Z}		evening rise	-4643 Dec 23 j 21:54	7° \mathbb{X} 21'24	
asc. node	-4643 Jan 15 j 18:16	6° \mathbb{Z} 13'51		asc. node	-4642 Jan 02 j 15:21	24° \mathbb{X} 54'58	
evening max el	-4643 Jan 26 j 00:43	20° \mathbb{Z} 52'08	19°04'33		-4642 Jan 06 j 03:06	0° \mathbb{Z}	
retrograde	-4643 Feb 03 j 15:21	24° \mathbb{Z} 59'16		evening max el	-4642 Jan 09 j 04:10	3° \mathbb{Z} 28'25	18°26'57
evening set	-4643 Feb 06 j 01:16	24° \mathbb{Z} 41'14		retrograde	-4642 Jan 16 j 16:06	7° \mathbb{Z} 09'31	
inferior conj	-4643 Feb 14 j 01:38	20° \mathbb{Z} 26'49	3°15'52	evening set	-4642 Jan 19 j 04:45	6° \mathbb{Z} 45'41	
minimum elong	-4643 Feb 14 j 06:21	20° \mathbb{Z} 18'36	3°14'41	inferior conj	-4642 Jan 26 j 13:08	2° \mathbb{Z} 11'19	3°56'01
min. Earth dist.	-4643 Feb 17 j 03:40	18° \mathbb{Z} 18'43	0.57153 AU	minimum elong	-4642 Jan 26 j 15:17	2° \mathbb{Z} 06'55	3°55'36
morning rise	-4643 Feb 22 j 08:53	15° \mathbb{Z} 26'26			-4642 Jan 29 j 05:53	30° \mathbb{R} \mathbb{X}	
direct	-4643 Feb 27 j 13:02	14° \mathbb{Z} 23'31		min. Earth dist.	-4642 Jan 29 j 22:06	29° \mathbb{X} 28'19	0.59004 AU
desc. node	-4643 Feb 27 j 17:43	14° \mathbb{Z} 23'36		morning rise	-4642 Feb 02 j 23:42	26° \mathbb{X} 46'21	
morning max el	-4643 Mar 13 j 17:49	21° \mathbb{Z} 41'41	25°27'04	direct	-4642 Feb 09 j 06:07	25° \mathbb{X} 04'32	
	-4643 Mar 20 j 23:53	0° \approx		desc. node	-4642 Feb 14 j 14:51	26° \mathbb{X} 15'39	
	-4643 Apr 07 j 17:14	0° \mathbb{H}			-4642 Feb 20 j 13:23	0° \mathbb{Z}	
morning set	-4643 Apr 09 j 20:07	4° \mathbb{H} 23'14		morning max el	-4642 Feb 23 j 12:02	2° \mathbb{Z} 37'44	26°44'00
asc. node	-4643 Apr 13 j 17:51	12° \mathbb{H} 44'32			-4642 Mar 15 j 06:05	0° \approx	
				morning set	-4642 Mar 25 j 06:51	19° \approx 21'24	
superior conj	-4643 Apr 16 j 20:11	19° \mathbb{H} 29'16	0°31'40		-4642 Mar 30 j 06:12	0° \mathbb{H}	
minimum elong	-4643 Apr 16 j 18:50	19° \mathbb{H} 21'53	0°31'20	asc. node	-4642 Mar 31 j 14:49	2° \mathbb{H} 58'04	
max. Earth dist.	-4643 Apr 17 j 18:37	21° \mathbb{H} 31'13	1.32900 AU				
	-4643 Apr 21 j 17:25	0° \mathbb{Y}		superior conj	-4642 Apr 01 j 07:52	4° \mathbb{H} 31'22	0°07'24
evening rise	-4643 Apr 24 j 00:17	4° \mathbb{Y} 45'58		minimum elong	-4642 Apr 01 j 07:33	4° \mathbb{H} 29'36	0°07'13
	-4643 May 07 j 16:15	0° \mathbb{B}		behind sun begin	-4642 Apr 01 j 03:04	4° \mathbb{H} 05'08	
evening max el	-4643 May 25 j 14:23	23° \mathbb{B} 34'10	27°12'02	behind sun end	-4642 Apr 01 j 12:01	4° \mathbb{H} 54'05	
desc. node	-4643 May 26 j 16:15	24° \mathbb{B} 34'22		max. Earth dist.	-4642 Apr 01 j 07:48	4° \mathbb{H} 31'01	1.32610 AU
	-4643 Jun 03 j 19:39	0° \mathbb{I}		evening rise	-4642 Apr 08 j 08:06	19° \mathbb{H} 37'20	
retrograde	-4643 Jun 08 j 12:36	0° \mathbb{I} 57'27			-4642 Apr 13 j 11:59	0° \mathbb{Y}	
	-4643 Jun 13 j 01:11	30° \mathbb{R} \mathbb{B}			-4642 May 02 j 14:30	0° \mathbb{B}	
evening set	-4643 Jun 15 j 12:11	28° \mathbb{B} 40'57		evening max el	-4642 May 07 j 15:41	5° \mathbb{B} 26'46	26°26'19
min. Earth dist.	-4643 Jun 19 j 03:42	25° \mathbb{B} 52'21	0.61703 AU	desc. node	-4642 May 13 j 13:24	10° \mathbb{B} 08'04	
inferior conj	-4643 Jun 22 j 07:06	23° \mathbb{B} 00'58	-4°10'27	retrograde	-4642 May 21 j 17:45	12° \mathbb{B} 46'32	
minimum elong	-4643 Jun 22 j 08:52	22° \mathbb{B} 56'55	4°10'08	evening set	-4642 May 28 j 01:40	11° \mathbb{B} 04'52	
morning rise	-4643 Jun 29 j 07:03	18° \mathbb{B} 04'18		min. Earth dist.	-4642 Jun 01 j 04:45	8° \mathbb{B} 22'45	0.59672 AU
direct	-4643 Jul 01 j 20:55	17° \mathbb{B} 35'51		inferior conj	-4642 Jun 04 j 13:58	5° \mathbb{B} 41'59	-4°12'49
morning max el	-4643 Jul 08 j 17:14	21° \mathbb{B} 01'05	17°59'42	minimum elong	-4642 Jun 04 j 12:54	5° \mathbb{B} 44'07	4°12'38
asc. node	-4643 Jul 10 j 17:34	23° \mathbb{B} 12'52		morning rise	-4642 Jun 12 j 02:29	1° \mathbb{B} 06'54	
				direct	-4642 Jun 14 j 14:45	0° \mathbb{B} 44'05	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning max el	-4642 Jun 22 j 03:42	4°♄21'34	18°19'55	asc. node	-4641 Jun 14 j 11:36	29°♄45'16	
asc. node	-4642 Jun 27 j 14:36	11°♄07'19			-4641 Jun 14 j 15:02	0°♄	
morning set	-4642 Jul 08 j 05:20	29°♄50'59		morning set	-4641 Jun 22 j 00:33	13°♄52'08	
	-4642 Jul 08 j 07:14	0°♄			-4641 Jun 30 j 06:00	0°♄	
superior conj	-4642 Jul 17 j 15:13	17°♄31'17	1°48'17	superior conj	-4641 Jun 30 j 12:50	0°♄32'50	1°48'06
minimum elong	-4642 Jul 17 j 16:28	17°♄36'58	1°48'28	minimum elong	-4641 Jun 30 j 11:50	0°♄28'02	1°48'16
	-4642 Jul 24 j 15:56	0°♄		max. Earth dist.	-4641 Jul 07 j 03:36	12°♄52'07	1.38605 AU
max. Earth dist.	-4642 Jul 25 j 02:08	0°♄43'50	1.40545 AU	evening rise	-4641 Jul 11 j 01:55	19°♄49'07	
evening rise	-4642 Jul 29 j 20:31	8°♄44'42			-4641 Jul 17 j 03:18	0°♄	
desc. node	-4642 Aug 09 j 12:18	25°♄35'08		desc. node	-4641 Jul 27 j 09:17	15°♄53'16	
	-4642 Aug 12 j 10:59	0°♄			-4641 Aug 06 j 13:42	0°♄	
evening max el	-4642 Sep 02 j 06:18	27°♄09'23	23°12'32	evening max el	-4641 Aug 15 j 17:39	10°♄37'18	24°32'50
	-4642 Sep 05 j 09:08	0°♄		retrograde	-4641 Aug 27 j 01:49	17°♄15'44	
retrograde	-4642 Sep 12 j 12:10	3°♄13'34		evening set	-4641 Sep 01 j 14:51	14°♄53'43	
evening set	-4642 Sep 17 j 10:15	1°♄10'41		inferior conj	-4641 Sep 06 j 23:02	8°♄35'45	-1°10'17
	-4642 Sep 18 j 16:04	30°♄		minimum elong	-4641 Sep 07 j 00:39	8°♄30'19	1°09'26
inferior conj	-4642 Sep 22 j 17:22	24°♄52'39	-0°17'21	min. Earth dist.	-4641 Sep 06 j 06:17	9°♄31'55	0.67175 AU
minimum elong	-4642 Sep 22 j 17:46	24°♄51'17	0°17'02	asc. node	-4641 Sep 10 j 10:52	4°♄16'06	
min. Earth dist.	-4642 Sep 22 j 11:06	25°♄14'12	0.67391 AU	morning rise	-4641 Sep 12 j 10:24	2°♄29'55	
asc. node	-4642 Sep 23 j 13:44	23°♄42'58		direct	-4641 Sep 16 j 03:52	1°♄09'54	
morning rise	-4642 Sep 28 j 01:12	18°♄40'26		morning max el	-4641 Sep 24 j 00:38	5°♄45'22	20°19'42
direct	-4642 Oct 02 j 06:42	17°♄01'14			-4641 Oct 11 j 19:47	0°♄	
morning max el	-4642 Oct 11 j 02:59	22°♄15'53	21°33'27	morning set	-4641 Oct 21 j 10:18	14°♄41'49	
	-4642 Oct 17 j 16:16	0°♄		desc. node	-4641 Oct 23 j 09:08	17°♄43'50	
desc. node	-4642 Nov 05 j 12:15	27°♄12'08			-4641 Oct 31 j 03:43	0°♄	
	-4642 Nov 07 j 07:49	0°♄		max. Earth dist.	-4641 Nov 01 j 00:10	1°♄21'58	1.43553 AU
morning set	-4642 Nov 11 j 10:59	6°♄27'59		superior conj	-4641 Nov 06 j 17:14	10°♄38'52	-1°22'38
max. Earth dist.	-4642 Nov 18 j 15:16	18°♄03'16	1.41981 AU	minimum elong	-4641 Nov 06 j 10:39	10°♄11'46	1°22'01
	-4642 Nov 25 j 17:10	0°♄			-4641 Nov 18 j 03:49	0°♄	
superior conj	-4642 Nov 26 j 01:22	0°♄35'27	-1°45'45	evening rise	-4641 Nov 19 j 11:24	2°♄16'56	
minimum elong	-4642 Nov 25 j 21:35	0°♄19'04	1°45'40	evening max el	-4641 Dec 07 j 01:55	29°♄41'49	18°11'19
evening rise	-4642 Dec 07 j 00:54	20°♄13'05		asc. node	-4641 Dec 07 j 09:34	0°♄00'47	
	-4642 Dec 12 j 10:35	0°♄			-4641 Dec 07 j 09:15	0°♄	
asc. node	-4642 Dec 20 j 12:27	12°♄54'57		retrograde	-4641 Dec 13 j 15:22	3°♄11'47	
evening max el	-4642 Dec 23 j 13:34	16°♄27'57	18°09'26	evening set	-4641 Dec 16 j 10:06	2°♄32'43	
retrograde	-4642 Dec 30 j 09:28	19°♄57'18			-4641 Dec 20 j 00:34	30°♄	
evening set	-4641 Jan 02 j 00:54	19°♄26'25		inferior conj	-4641 Dec 22 j 18:05	27°♄16'03	3°50'46
inferior conj	-4641 Jan 08 j 19:48	14°♄30'33	4°04'39	minimum elong	-4641 Dec 22 j 15:39	27°♄22'29	3°50'15
minimum elong	-4641 Jan 08 j 19:11	14°♄32'00	4°04'24	min. Earth dist.	-4641 Dec 25 j 08:21	24°♄32'14	0.62873 AU
min. Earth dist.	-4641 Jan 11 j 22:51	11°♄36'16	0.61001 AU	morning rise	-4641 Dec 28 j 20:27	21°♄21'55	
morning rise	-4641 Jan 15 j 12:05	8°♄48'35		direct	-4640 Jan 04 j 22:24	18°♄39'50	
direct	-4641 Jan 22 j 10:08	6°♄30'22		morning max el	-4640 Jan 18 j 17:54	26°♄22'29	27°41'10
desc. node	-4641 Feb 01 j 11:56	10°♄40'13		desc. node	-4640 Jan 19 j 08:59	27°♄00'06	
morning max el	-4641 Feb 05 j 12:14	14°♄10'46	27°30'28		-4640 Jan 22 j 04:09	0°♄	
	-4641 Feb 18 j 07:05	0°♄			-4640 Feb 11 j 19:17	0°♄	
	-4641 Mar 07 j 13:28	0°♄		morning set	-4640 Feb 21 j 16:03	18°♄33'45	
morning set	-4641 Mar 09 j 14:16	4°♄07'52		max. Earth dist.	-4640 Feb 27 j 04:56	0°♄04'14	1.33084 AU
max. Earth dist.	-4641 Mar 15 j 20:31	17°♄26'44	1.32666 AU		-4640 Feb 27 j 04:08	0°♄	
superior conj	-4641 Mar 16 j 19:16	19°♄30'43	-0°17'30	superior conj	-4640 Feb 29 j 04:39	4°♄20'08	-0°42'07
minimum elong	-4641 Mar 16 j 20:03	19°♄35'00	0°17'30	minimum elong	-4640 Feb 29 j 06:29	4°♄30'02	0°41'58
asc. node	-4641 Mar 18 j 11:48	23°♄11'52		asc. node	-4640 Mar 04 j 08:46	13°♄21'04	
	-4641 Mar 21 j 15:01	0°♄		evening rise	-4640 Mar 07 j 06:21	19°♄31'57	
evening rise	-4641 Mar 23 j 18:45	4°♄35'14			-4640 Mar 12 j 10:24	0°♄	
	-4641 Apr 06 j 10:35	0°♄		evening max el	-4640 Mar 31 j 03:14	27°♄27'06	23°42'02
evening max el	-4641 Apr 19 j 11:03	16°♄39'50	25°12'43		-4640 Apr 03 j 01:58	0°♄	
desc. node	-4641 Apr 30 j 10:32	23°♄27'16		retrograde	-4640 Apr 13 j 18:54	4°♄14'17	
retrograde	-4641 May 03 j 12:40	23°♄49'40		desc. node	-4640 Apr 16 j 07:42	3°♄59'59	
evening set	-4641 May 08 j 17:39	22°♄46'34		evening set	-4640 Apr 17 j 16:17	3°♄40'58	
min. Earth dist.	-4641 May 13 j 23:33	19°♄54'35	0.57707 AU	min. Earth dist.	-4640 Apr 24 j 14:46	0°♄27'05	0.56139 AU
inferior conj	-4641 May 17 j 02:03	17°♄46'49	-3°45'36		-4640 Apr 25 j 08:51	30°♄	
minimum elong	-4641 May 16 j 21:40	17°♄54'24	3°44'51	inferior conj	-4640 Apr 26 j 18:03	29°♄09'37	-2°40'09
morning rise	-4641 May 25 j 04:41	13°♄31'50		minimum elong	-4640 Apr 26 j 12:22	29°♄18'14	2°38'38
direct	-4641 May 27 j 15:51	13°♄13'32		morning rise	-4640 May 05 j 11:15	25°♄09'03	
morning max el	-4641 Jun 05 j 07:38	17°♄16'54	19°00'14	direct	-4640 May 07 j 22:20	24°♄53'37	



































































































































Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning max el	-4640 May 18 j 02:22	29° X 37'24	20°00'59	morning max el	-4639 Apr 30 j 10:20	11° X 17'01	21°20'45
	-4640 May 18 j 11:53	0° Y			-4639 May 13 j 18:57	0° Y	
asc. node	-4640 May 31 j 08:34	18° Y 56'00		asc. node	-4639 May 18 j 05:31	8° Y 31'08	
morning set	-4640 Jun 05 j 03:22	28° Y 19'08		morning set	-4639 May 20 j 11:16	13° Y 04'32	
	-4640 Jun 05 j 23:17	0° Z					
superior conj	-4640 Jun 13 j 00:32	14° Z 18'55	1°39'40	superior conj	-4639 May 27 j 22:08	28° Y 37'05	1°25'17
minimum elong	-4640 Jun 12 j 22:15	14° Z 07'28	1°39'39	minimum elong	-4639 May 27 j 19:25	28° Y 23'00	1°25'03
max. Earth dist.	-4640 Jun 18 j 07:36	24° Z 39'57	1.36772 AU		-4639 May 28 j 14:12	0° Z	
	-4640 Jun 21 j 03:53	0° II		max. Earth dist.	-4639 May 31 j 19:20	6° Z 32'14	1.35222 AU
evening rise	-4640 Jun 22 j 07:12	2° II 05'12		evening rise	-4639 Jun 05 j 06:59	15° Z 18'14	
	-4640 Jul 09 j 05:00	0° III			-4639 Jun 13 j 10:15	0° II	
desc. node	-4640 Jul 13 j 06:19	5° III 52'30		desc. node	-4639 Jun 30 j 03:25	25° II 23'58	
evening max el	-4640 Jul 28 j 04:21	24° III 08'17	25°45'55		-4639 Jul 03 j 18:10	0° III	
	-4640 Aug 04 j 20:36	0° IV		evening max el	-4639 Jul 10 j 15:24	7° III 36'19	26°43'37
retrograde	-4640 Aug 09 j 10:59	1° IV 11'55		retrograde	-4639 Jul 23 j 15:14	14° III 55'10	
	-4640 Aug 13 j 15:40	30° IV 00		evening set	-4639 Jul 30 j 08:08	12° III 07'38	
evening set	-4640 Aug 15 j 14:55	28° IV 33'49		min. Earth dist.	-4639 Aug 03 j 07:03	8° III 02'02	0.65729 AU
min. Earth dist.	-4640 Aug 19 j 21:42	23° IV 49'33	0.66632 AU	inferior conj	-4639 Aug 05 j 00:13	5° III 59'00	-2°48'18
inferior conj	-4640 Aug 21 j 01:59	22° IV 19'07	-2°01'14	minimum elong	-4639 Aug 05 j 03:41	5° III 48'39	2°47'01
minimum elong	-4640 Aug 21 j 04:41	22° IV 10'28	2°00'01	morning rise	-4639 Aug 10 j 23:32	0° IV 15'47	
morning rise	-4640 Aug 26 j 18:32	16° IV 22'59			-4639 Aug 11 j 11:57	30° IV 00	
asc. node	-4640 Aug 27 j 07:57	16° IV 03'20		direct	-4639 Aug 13 j 23:27	29° IV 25'28	
direct	-4640 Aug 30 j 02:07	15° IV 19'22		asc. node	-4639 Aug 14 j 05:02	29° IV 25'46	
morning max el	-4640 Sep 06 j 05:26	19° IV 23'43	19°19'22		-4639 Aug 16 j 12:02	0° V	
	-4640 Sep 14 j 11:19	0° V		morning max el	-4639 Aug 20 j 15:56	3° IV 07'40	18°34'36
morning set	-4640 Sep 29 j 15:25	23° V 19'20			-4639 Sep 07 j 21:47	0° V	
	-4640 Oct 03 j 21:46	0° VI		morning set	-4639 Sep 09 j 19:41	3° V 05'47	
desc. node	-4640 Oct 09 j 06:01	8° VI 23'12					
max. Earth dist.	-4640 Oct 13 j 15:31	15° VI 19'04	1.44533 AU	superior conj	-4639 Sep 25 j 06:09	27° V 44'29	0°05'29
				minimum elong	-4639 Sep 25 j 06:53	27° V 47'22	0°05'31
superior conj	-4640 Oct 16 j 06:38	19° VI 29'21	-0°43'25	behind sun begin	-4639 Sep 24 j 20:06	27° V 04'48	
minimum elong	-4640 Oct 16 j 01:25	19° VI 08'38	0°42'42	behind sun end	-4639 Sep 25 j 17:40	28° V 29'55	
	-4640 Oct 22 j 20:02	0° VII		desc. node	-4639 Sep 26 j 02:55	29° V 06'25	
evening rise	-4640 Oct 31 j 00:46	13° VII 24'12		max. Earth dist.	-4639 Sep 26 j 09:30	29° V 32'19	1.44802 AU
	-4640 Nov 10 j 03:25	0° VIII			-4639 Sep 26 j 16:31	0° VII	
evening max el	-4640 Nov 19 j 14:27	13° VIII 04'04	18°31'39	evening rise	-4639 Oct 11 j 13:16	23° VII 26'50	
asc. node	-4640 Nov 23 j 06:42	15° VIII 57'55			-4639 Oct 15 j 16:32	0° VIII	
retrograde	-4640 Nov 26 j 05:40	16° VIII 45'02		greatest brilliancy	-4639 Oct 20 j 02:27	6° VIII 57'48	-0.8m
evening set	-4640 Nov 29 j 04:55	15° VIII 56'14		evening max el	-4639 Nov 03 j 00:36	26° VIII 29'48	19°09'23
inferior conj	-4640 Dec 05 j 04:19	10° VIII 21'07	3°21'40		-4639 Nov 07 j 15:59	0° IX	
minimum elong	-4640 Dec 05 j 01:08	10° VIII 30'25	3°20'47	retrograde	-4639 Nov 10 j 00:47	0° VIII 30'48	
min. Earth dist.	-4640 Dec 07 j 03:53	8° VIII 02'28	0.64454 AU	asc. node	-4639 Nov 10 j 03:50	0° VIII 30'43	
morning rise	-4640 Dec 10 j 20:56	4° VIII 17'36			-4639 Nov 12 j 08:05	30° IX 00	
direct	-4640 Dec 17 j 17:34	1° IX 26'56		evening set	-4639 Nov 13 j 06:23	29° IX 30'12	
morning max el	-4640 Dec 31 j 03:00	9° IX 06'22	27°17'07	inferior conj	-4639 Nov 18 j 23:12	23° IX 39'44	2°42'23
desc. node	-4639 Jan 05 j 06:01	14° IX 42'53		minimum elong	-4639 Nov 18 j 20:06	23° IX 49'31	2°41'20
	-4639 Jan 16 j 13:14	0° X		min. Earth dist.	-4639 Nov 20 j 08:49	21° IX 53'50	0.65684 AU
	-4639 Feb 03 j 02:31	0° XI		morning rise	-4639 Nov 24 j 09:32	17° IX 29'22	
morning set	-4639 Feb 04 j 09:24	2° XI 29'41		direct	-4639 Nov 30 j 19:03	14° IX 43'11	
max. Earth dist.	-4639 Feb 09 j 05:17	12° XI 11'55	1.33904 AU	morning max el	-4639 Dec 13 j 12:50	22° IX 10'05	26°24'05
					-4639 Dec 20 j 11:14	0° X	
superior conj	-4639 Feb 12 j 10:08	18° XI 53'16	-1°05'28	desc. node	-4639 Dec 23 j 03:00	3° X 23'57	
minimum elong	-4639 Feb 12 j 12:48	19° XI 07'21	1°05'14		-4638 Jan 09 j 18:38	0° XI	
	-4639 Feb 17 j 15:35	0° XII		morning set	-4638 Jan 18 j 14:33	15° XI 44'13	
asc. node	-4639 Feb 19 j 05:46	3° XII 21'24		max. Earth dist.	-4638 Jan 22 j 18:27	23° XI 44'36	1.35157 AU
evening rise	-4639 Feb 19 j 17:10	4° XII 21'07			-4638 Jan 25 j 21:35	0° XII	
	-4639 Mar 05 j 23:12	0° XIII					
evening max el	-4639 Mar 12 j 21:47	8° XIII 13'56	22°08'20	superior conj	-4638 Jan 27 j 09:30	3° XII 03'09	-1°26'12
retrograde	-4639 Mar 25 j 13:21	14° XIII 21'55		minimum elong	-4638 Jan 27 j 12:33	3° XII 18'46	1°26'03
evening set	-4639 Mar 28 j 09:47	14° XIII 03'54		evening rise	-4638 Feb 04 j 01:26	18° XII 56'46	
desc. node	-4639 Apr 03 j 04:53	11° XIII 53'08		asc. node	-4638 Feb 06 j 02:48	23° XII 08'14	
min. Earth dist.	-4639 Apr 06 j 04:46	10° XIII 15'23	0.55283 AU		-4638 Feb 09 j 15:13	0° XIII	
inferior conj	-4639 Apr 06 j 18:09	9° XIII 56'29	-0°58'23	evening max el	-4638 Feb 23 j 00:26	19° XIII 25'13	20°43'46
minimum elong	-4639 Apr 06 j 15:29	10° XIII 00'15	0°57'34	retrograde	-4638 Mar 06 j 03:22	24° XIII 42'34	
morning rise	-4639 Apr 15 j 22:29	5° XIII 57'42		evening set	-4638 Mar 08 j 12:26	24° XIII 29'00	
direct	-4639 Apr 18 j 13:59	5° XIII 41'53		inferior conj	-4638 Mar 17 j 13:56	20° XIII 30'56	0°57'30
				minimum elong	-4638 Mar 17 j 16:28	20° XIII 27'16	0°56'28

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

min. Earth dist.	-4638 Mar 18 j 19:02	19° \approx 48'53	0.55332 AU	minimum elong	-4637 Feb 26 j 00:14	1° \approx 11'59	2°33'58
desc. node	-4638 Mar 21 j 02:03	18° \approx 32'27			-4637 Feb 27 j 21:07	30° \approx 3	
morning rise	-4638 Mar 26 j 19:24	16° \approx 15'32		min. Earth dist.	-4637 Feb 28 j 09:44	29° \approx 340'11	0.56282 AU
direct	-4638 Mar 30 j 02:24	15° \approx 51'57		morning rise	-4637 Mar 06 j 13:04	26° \approx 336'19	
morning max el	-4638 Apr 12 j 08:22	22° \approx 18'51	22°54'48	desc. node	-4637 Mar 07 j 23:13	26° \approx 312'32	
	-4638 Apr 19 j 00:35	0° \approx		direct	-4637 Mar 10 j 23:45	25° \approx 351'40	
morning set	-4638 May 04 j 22:16	28° \approx 02'21			-4637 Mar 21 j 13:37	0° \approx	
asc. node	-4638 May 05 j 02:29	28° \approx 24'20		morning max el	-4637 Mar 25 j 00:04	2° \approx 56'43	24°33'30
	-4638 May 05 j 20:43	0° \approx			-4637 Apr 12 j 21:05	0° \approx	
				morning set	-4637 Apr 19 j 10:31	13° \approx 05'07	
superior conj	-4638 May 12 j 02:35	13° \approx 18'11	1°06'40	asc. node	-4637 Apr 21 j 23:29	18° \approx 29'08	
minimum elong	-4638 May 12 j 00:04	13° \approx 04'49	1°06'17				
max. Earth dist.	-4638 May 14 j 16:58	18° \approx 46'57	1.34036 AU	superior conj	-4637 Apr 26 j 11:21	28° \approx 12'43	0°45'04
evening rise	-4638 May 19 j 20:23	29° \approx 14'26		minimum elong	-4637 Apr 26 j 09:29	28° \approx 02'38	0°44'40
	-4638 May 20 j 05:38	0° \approx			-4637 Apr 27 j 07:13	0° \approx	
	-4638 Jun 06 j 12:43	0° \approx		max. Earth dist.	-4637 Apr 27 j 23:14	1° \approx 26'15	1.33216 AU
desc. node	-4638 Jun 17 j 00:32	14° \approx 16'03		evening rise	-4637 May 03 j 19:14	13° \approx 40'01	
evening max el	-4638 Jun 23 j 02:27	20° \approx 52'59	27°18'14		-4637 May 12 j 08:48	0° \approx	
retrograde	-4638 Jul 06 j 14:16	28° \approx 18'01			-4637 Jun 01 j 20:48	0° \approx	
evening set	-4638 Jul 13 j 15:44	25° \approx 31'48		desc. node	-4637 Jun 03 j 21:40	2° \approx 11'13	
min. Earth dist.	-4638 Jul 17 j 08:20	22° \approx 02'36	0.64444 AU	evening max el	-4637 Jun 05 j 11:44	3° \approx 45'52	27°23'41
inferior conj	-4638 Jul 19 j 15:29	19° \approx 31'50	-3°28'57	retrograde	-4637 Jun 19 j 07:15	11° \approx 10'40	
minimum elong	-4638 Jul 19 j 19:05	19° \approx 21'57	3°27'54	evening set	-4637 Jun 26 j 10:07	8° \approx 39'30	
morning rise	-4638 Jul 25 j 23:05	14° \approx 04'30		min. Earth dist.	-4637 Jun 30 j 00:11	5° \approx 39'20	0.62789 AU
direct	-4638 Jul 28 j 17:32	13° \approx 24'32		inferior conj	-4637 Jul 02 j 20:52	2° \approx 51'09	-3°59'33
asc. node	-4638 Aug 01 j 02:06	14° \approx 22'41		minimum elong	-4637 Jul 02 j 23:41	2° \approx 44'15	3°58'58
morning max el	-4638 Aug 04 j 05:52	16° \approx 53'15	18°06'43		-4637 Jul 05 j 23:04	30° \approx 8	
	-4638 Aug 13 j 16:23	0° \approx		morning rise	-4637 Jul 09 j 14:22	27° \approx 42'22	
morning set	-4638 Aug 22 j 03:04	14° \approx 09'48		direct	-4637 Jul 12 j 05:23	27° \approx 10'16	
	-4638 Aug 31 j 14:46	0° \approx			-4637 Jul 18 j 06:07	0° \approx	
				asc. node	-4637 Jul 18 j 23:09	0° \approx 40'36	
superior conj	-4638 Sep 04 j 14:30	6° \approx 29'23	0°51'26	morning max el	-4637 Jul 18 j 20:36	0° \approx 34'17	17°56'49
minimum elong	-4638 Sep 04 j 19:55	6° \approx 51'10	0°50'59	morning set	-4637 Aug 04 j 09:41	26° \approx 20'15	
max. Earth dist.	-4638 Sep 09 j 02:34	13° \approx 42'00	1.44346 AU		-4637 Aug 06 j 11:17	0° \approx	
desc. node	-4638 Sep 12 j 23:52	19° \approx 50'36					
	-4638 Sep 19 j 11:58	0° \approx		superior conj	-4637 Aug 15 j 23:36	16° \approx 27'58	1°24'54
evening rise	-4638 Sep 21 j 02:46	2° \approx 30'21		minimum elong	-4637 Aug 16 j 05:02	16° \approx 50'49	1°24'38
greatest brilliancy	-4638 Oct 04 j 14:34	23° \approx 05'34	-0.6m	max. Earth dist.	-4637 Aug 22 j 16:13	27° \approx 31'42	1.43235 AU
	-4638 Oct 09 j 08:38	0° \approx			-4637 Aug 24 j 04:57	0° \approx	
evening max el	-4638 Oct 17 j 06:15	9° \approx 56'30	20°02'55	desc. node	-4637 Aug 30 j 20:49	10° \approx 32'34	
retrograde	-4638 Oct 24 j 21:52	14° \approx 25'15		evening rise	-4637 Aug 31 j 06:17	11° \approx 09'25	
asc. node	-4638 Oct 28 j 01:00	13° \approx 28'16			-4637 Sep 12 j 16:20	0° \approx	
evening set	-4638 Oct 28 j 12:01	13° \approx 10'13		evening max el	-4637 Sep 30 j 06:00	23° \approx 22'40	21°09'48
inferior conj	-4638 Nov 03 j 00:03	7° \approx 07'53	1°56'21	retrograde	-4637 Oct 08 j 18:42	28° \approx 25'38	
minimum elong	-4638 Nov 02 j 21:35	7° \approx 16'04	1°55'26	evening set	-4637 Oct 12 j 19:44	26° \approx 53'27	
min. Earth dist.	-4638 Nov 03 j 21:13	5° \approx 57'33	0.66568 AU	asc. node	-4637 Oct 14 j 22:08	24° \approx 53'49	
morning rise	-4638 Nov 08 j 06:55	0° \approx 53'18		inferior conj	-4637 Oct 18 j 04:37	20° \approx 42'31	1°06'03
	-4638 Nov 09 j 09:25	30° \approx 8		minimum elong	-4637 Oct 18 j 03:08	20° \approx 47'36	1°05'30
direct	-4638 Nov 14 j 02:15	28° \approx 21'06		min. Earth dist.	-4637 Oct 18 j 14:36	20° \approx 08'17	0.67126 AU
	-4638 Nov 19 j 08:07	0° \approx		morning rise	-4637 Oct 23 j 10:20	14° \approx 26'41	
morning max el	-4638 Nov 25 j 21:49	5° \approx 22'05	25°10'32	direct	-4637 Oct 28 j 14:31	12° \approx 13'57	
desc. node	-4638 Dec 09 j 23:57	22° \approx 46'12		morning max el	-4637 Nov 08 j 06:44	18° \approx 36'43	23°46'17
	-4638 Dec 14 j 23:43	0° \approx			-4637 Nov 17 j 20:27	0° \approx	
morning set	-4637 Jan 01 j 02:24	28° \approx 02'09		desc. node	-4637 Nov 26 j 20:54	12° \approx 37'37	
	-4637 Jan 02 j 04:34	0° \approx			-4637 Dec 08 j 02:58	0° \approx	
max. Earth dist.	-4637 Jan 04 j 20:16	4° \approx 52'41	1.36844 AU	morning set	-4637 Dec 13 j 14:52	9° \approx 07'18	
				max. Earth dist.	-4637 Dec 17 j 16:16	16° \approx 09'09	1.38840 AU
superior conj	-4637 Jan 10 j 23:48	16° \approx 40'53	-1°42'34				
minimum elong	-4637 Jan 11 j 02:28	16° \approx 54'02	1°42'35	superior conj	-4637 Dec 25 j 01:12	29° \approx 36'09	-1°52'10
	-4637 Jan 17 j 14:59	0° \approx		minimum elong	-4637 Dec 25 j 02:21	29° \approx 41'34	1°52'21
evening rise	-4637 Jan 19 j 05:04	3° \approx 12'06			-4637 Dec 25 j 06:16	0° \approx	
asc. node	-4637 Jan 23 j 23:53	12° \approx 35'19		evening rise	-4636 Jan 03 j 01:38	17° \approx 01'03	
	-4637 Feb 04 j 09:12	0° \approx			-4636 Jan 09 j 23:00	0° \approx	
evening max el	-4637 Feb 05 j 13:36	1° \approx 11'29	19°35'19	asc. node	-4636 Jan 10 j 20:58	1° \approx 35'52	
retrograde	-4637 Feb 15 j 00:26	5° \approx 40'17		evening max el	-4636 Jan 19 j 12:33	13° \approx 31'57	18°46'06
evening set	-4637 Feb 17 j 08:51	5° \approx 24'56		retrograde	-4636 Jan 27 j 14:13	17° \approx 25'38	
inferior conj	-4637 Feb 25 j 19:08	1° \approx 20'11	2°35'33	evening set	-4636 Jan 30 j 01:27	17° \approx 05'13	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

inferior conj	-4636 Feb 06 j 18:48	12°  42'56	3°37'15	retrograde	-4635 Jan 08 j 22:32	29°  53'14	
minimum elong	-4636 Feb 06 j 22:35	12°  35'52	3°36'26	evening set	-4635 Jan 11 j 12:28	29°  26'24	
min. Earth dist.	-4636 Feb 10 j 01:51	10°  17'20	0.57908 AU	inferior conj	-4635 Jan 18 j 14:44	24°  42'34	4°02'58
morning rise	-4636 Feb 14 j 17:18	7°  31'25		minimum elong	-4635 Jan 18 j 15:39	24°  40'36	4°02'42
direct	-4636 Feb 20 j 09:56	6°  12'15		min. Earth dist.	-4635 Jan 21 j 22:16	21°  52'12	0.59860 AU
desc. node	-4636 Feb 22 j 20:21	6°  26'42		morning rise	-4635 Jan 25 j 17:07	19°  09'49	
morning max el	-4636 Mar 05 j 15:35	13°  37'46	26°02'43	direct	-4635 Feb 01 j 07:39	17°  11'48	
	-4636 Mar 18 j 14:03	0° 		desc. node	-4635 Feb 08 j 17:27	19°  27'25	
morning set	-4636 Apr 02 j 22:19	28°  06'48		morning max el	-4635 Feb 15 j 12:07	24°  47'43	27°07'59
	-4636 Apr 03 j 19:48	0° 			-4635 Feb 20 j 07:22	0° 	
asc. node	-4636 Apr 07 j 20:28	8°  40'48			-4635 Mar 11 j 18:08	0° 	
				morning set	-4635 Mar 18 j 07:53	13°  00'47	
superior conj	-4636 Apr 09 j 22:28	13°  13'49	0°21'31				
minimum elong	-4636 Apr 09 j 21:32	13°  08'43	0°21'14	superior conj	-4635 Mar 25 j 10:12	28°  15'13	-0°03'10
max. Earth dist.	-4636 Apr 10 j 11:02	14°  22'30	1.32743 AU	minimum elong	-4635 Mar 25 j 10:21	28°  16'02	0°03'16
evening rise	-4636 Apr 17 j 00:30	28°  24'41		behind sun begin	-4635 Mar 25 j 05:26	27°  49'08	
	-4636 Apr 17 j 19:00	0° 		behind sun end	-4635 Mar 25 j 15:16	28°  42'56	
	-4636 May 04 j 16:55	0° 		max. Earth dist.	-4635 Mar 25 j 00:41	27°  23'06	1.32598 AU
evening max el	-4636 May 17 j 16:42	16°  03'11	26°56'27	asc. node	-4635 Mar 25 j 17:28	28°  54'57	
desc. node	-4636 May 20 j 18:50	18°  45'36			-4635 Mar 26 j 05:21	0° 	
retrograde	-4636 May 31 j 16:50	23°  24'36		evening rise	-4635 Apr 01 j 09:46	13°  19'46	
evening set	-4636 Jun 07 j 11:10	21°  22'10			-4635 Apr 09 j 21:59	0° 	
min. Earth dist.	-4636 Jun 11 j 06:14	18°  38'10	0.60852 AU	evening max el	-4635 Apr 29 j 15:27	27°  38'26	25°57'50
inferior conj	-4636 Jun 14 j 13:01	15°  48'58	-4°14'27		-4635 May 02 j 07:26	0° 	
minimum elong	-4636 Jun 14 j 13:44	15°  47'25	4°14'16	desc. node	-4635 May 07 j 15:59	3°  27'08	
morning rise	-4636 Jun 21 j 18:04	11°  01'03		retrograde	-4635 May 13 j 17:36	4°  54'22	
direct	-4636 Jun 24 j 07:13	10°  35'03		evening set	-4635 May 19 j 15:29	3°  29'18	
morning max el	-4636 Jul 01 j 09:22	14°  04'06	18°05'49	min. Earth dist.	-4635 May 24 j 04:00	0°  45'02	0.58814 AU
asc. node	-4636 Jul 04 j 20:12	18°  03'56			-4635 May 25 j 04:46	30°  R 	
	-4636 Jul 12 j 07:06	0° 		inferior conj	-4635 May 27 j 12:16	28°  15'50	-4°05'29
morning set	-4636 Jul 17 j 10:04	9°  22'49		minimum elong	-4635 May 27 j 09:44	28°  20'35	4°05'10
				morning rise	-4635 Jun 04 j 06:37	23°  49'43	
superior conj	-4636 Jul 27 j 12:00	27°  22'50	1°43'34	direct	-4635 Jun 06 j 18:36	23°  49'43	
minimum elong	-4636 Jul 27 j 14:52	28°  00'32	1°43'38	morning max el	-4635 Jun 14 j 17:23	27°  15'07	18°34'36
	-4636 Jul 28 j 17:56	0° 			-4635 Jun 17 j 06:22	0° 	
max. Earth dist.	-4636 Aug 04 j 00:44	10°  47'03	1.41621 AU	asc. node	-4635 Jun 21 j 17:13	6°  18'25	
evening rise	-4636 Aug 09 j 20:11	20°  48'52		morning set	-4635 Jun 30 j 23:32	23°  05'55	
	-4636 Aug 15 j 23:55	0° 			-4635 Jul 04 j 13:16	0° 	
desc. node	-4636 Aug 16 j 17:46	1°  08'38					
	-4636 Sep 06 j 01:21	0° 		superior conj	-4635 Jul 09 j 23:16	10°  21'47	1°49'23
evening max el	-4636 Sep 11 j 23:34	6°  47'36	22°26'17	minimum elong	-4635 Jul 09 j 23:27	10°  21'47	1°49'36
retrograde	-4636 Sep 21 j 13:35	12°  28'53		max. Earth dist.	-4635 Jul 17 j 04:10	23°  21'57	1.39721 AU
evening set	-4636 Sep 26 j 03:37	10°  37'23		evening rise	-4635 Jul 21 j 10:18	0°  38'18	
asc. node	-4636 Sep 30 j 19:17	5°  15'04			-4635 Jul 21 j 01:13	0° 	
inferior conj	-4636 Oct 01 j 10:56	4°  21'08	0°13'21	desc. node	-4635 Aug 03 j 14:46	21°  35'08	
minimum elong	-4636 Oct 01 j 10:37	4°  22'13	0°13'21		-4635 Aug 09 j 09:08	0° 	
transit middle	-4636 Oct 01 j 10:37	4°  22'13	0°13'21	evening max el	-4635 Aug 25 j 12:22	20°  01'35	23°47'01
transit begin	-4636 Oct 01 j 09:03	4°  27'36		retrograde	-4635 Sep 05 j 05:27	26°  02'55	
transit end	-4636 Oct 01 j 12:11	4°  16'49		evening set	-4635 Sep 10 j 09:57	24°  02'12	
min. Earth dist.	-4636 Oct 01 j 10:31	4°  22'33	0.67381 AU	inferior conj	-4635 Sep 15 j 17:19	18°  03'02	-0°39'56
	-4636 Oct 04 j 19:32	30°  R 		minimum elong	-4635 Sep 15 j 18:14	17°  05'53	0°39'23
morning rise	-4636 Oct 06 j 17:29	28°  06'55		min. Earth dist.	-4635 Sep 15 j 06:35	18°  03'37	0.67340 AU
direct	-4636 Oct 11 j 06:55	26°  01'54		asc. node	-4635 Sep 17 j 16:23	15°  02'38	
	-4636 Oct 18 j 18:26	0° 		morning rise	-4635 Sep 21 j 02:29	11°  05'26	
morning max el	-4636 Oct 20 j 18:29	1°  54'26	22°20'29	direct	-4635 Sep 25 j 02:36	10°  02'50	
	-4636 Nov 10 j 20:52	0° 		morning max el	-4635 Oct 03 j 12:11	15°  01'39	21°00'42
desc. node	-4636 Nov 12 j 17:47	2°  49'03			-4635 Oct 15 j 01:00	0° 	
morning set	-4636 Nov 22 j 22:59	18°  48'17		desc. node	-4635 Oct 30 j 14:40	23°  14'45	
max. Earth dist.	-4636 Nov 28 j 14:34	28°  07'49	1.40895 AU	morning set	-4635 Nov 02 j 05:51	27°  14'45	
	-4636 Nov 29 j 17:05	0° 			-4635 Nov 03 j 22:37	0° 	
				max. Earth dist.	-4635 Nov 10 j 19:32	10°  05'42	1.42713 AU
superior conj	-4636 Dec 06 j 08:30	11°  34'34	-1°51'53				
minimum elong	-4636 Dec 06 j 06:47	11°  26'55	1°51'59	superior conj	-4635 Nov 17 j 16:01	22°  22'14	-1°37'59
	-4636 Dec 16 j 08:43	0° 		minimum elong	-4635 Nov 17 j 10:46	22°  00'02	1°37'39
evening rise	-4636 Dec 16 j 12:02	0°  15'34			-4635 Nov 22 j 02:44	0° 	
asc. node	-4636 Dec 27 j 18:04	20°  00'39		evening rise	-4635 Nov 29 j 08:33	12°  14'54	
evening max el	-4635 Jan 01 j 18:51	26°  18'52	18°17'02		-4635 Dec 09 j 06:01	0° 	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4635 Dec 14 j 15:09	7°♊38'54			-4634 Nov 14 j 16:29	0°♍	
evening max el	-4635 Dec 16 j 05:44	9°♊24'33	18°07'51	evening max el	-4634 Nov 29 j 18:26	22°♍42'25	18°17'49
retrograde	-4635 Dec 22 j 21:56	12°♊53'08		asc. node	-4634 Dec 01 j 12:14	24°♍17'20	
evening set	-4635 Dec 25 j 14:35	12°♊18'59		retrograde	-4634 Dec 06 j 07:54	26°♍16'12	
inferior conj	-4634 Jan 01 j 04:30	7°♊13'48	4°01'02	evening set	-4634 Dec 09 j 04:14	25°♍33'24	
minimum elong	-4634 Jan 01 j 02:58	7°♊17'34	4°00'43	inferior conj	-4634 Dec 15 j 08:19	20°♍08'43	3°39'58
min. Earth dist.	-4634 Jan 04 j 02:29	4°♊21'45	0.61822 AU	minimum elong	-4634 Dec 15 j 05:27	20°♍16'40	3°39'16
morning rise	-4634 Jan 07 j 14:17	1°♊25'56		min. Earth dist.	-4634 Dec 17 j 16:28	17°♍33'55	0.63578 AU
	-4634 Jan 10 j 00:41	30°♋♍		morning rise	-4634 Dec 21 j 06:01	14°♍10'02	
direct	-4634 Jan 14 j 15:04	28°♍56'01		direct	-4634 Dec 28 j 06:35	11°♍22'13	
	-4634 Jan 19 j 11:22	0°♊		morning max el	-4633 Jan 10 j 22:39	19°♍05'28	27°34'58
desc. node	-4634 Jan 26 j 14:30	4°♊45'11		desc. node	-4633 Jan 13 j 11:31	21°♍43'57	
morning max el	-4634 Jan 28 j 15:05	6°♊38'08	27°39'33		-4633 Jan 20 j 06:52	0°♊	
	-4634 Feb 15 j 09:23	0°♊			-4633 Feb 08 j 06:12	0°♊	
morning set	-4634 Mar 02 j 13:12	27°♊39'37		morning set	-4633 Feb 14 j 11:51	11°♊54'44	
	-4634 Mar 03 j 16:31	0°♋		max. Earth dist.	-4633 Feb 19 j 17:32	22°♊39'14	1.33373 AU
max. Earth dist.	-4634 Mar 08 j 12:10	10°♋13'15	1.32797 AU				
				superior conj	-4633 Feb 22 j 04:57	27°♊54'42	-0°52'15
superior conj	-4634 Mar 09 j 20:56	13°♋10'51	-0°28'02	minimum elong	-4633 Feb 22 j 07:10	28°♊06'36	0°52'03
minimum elong	-4634 Mar 09 j 22:11	13°♋17'37	0°27'57		-4633 Feb 23 j 04:20	0°♋	
asc. node	-4634 Mar 12 j 14:25	19°♋07'05		asc. node	-4633 Feb 27 j 11:25	9°♋13'24	
evening rise	-4634 Mar 16 j 21:02	28°♋17'45		evening rise	-4633 Mar 01 j 08:32	13°♋12'16	
	-4634 Mar 17 j 16:33	0°♌			-4633 Mar 09 j 22:58	0°♌	
	-4634 Apr 03 j 21:56	0°♍		evening max el	-4633 Mar 24 j 01:06	19°♌21'21	23°01'50
evening max el	-4634 Apr 11 j 08:41	8°♍37'05	24°35'20	retrograde	-4633 Apr 06 j 08:51	25°♌54'23	
desc. node	-4634 Apr 24 j 13:10	15°♍38'35		evening set	-4633 Apr 09 j 17:53	25°♌29'26	
retrograde	-4634 Apr 25 j 07:32	15°♍39'57		desc. node	-4633 Apr 11 j 10:20	24°♌59'28	
evening set	-4634 Apr 29 j 23:10	14°♍50'53		min. Earth dist.	-4633 Apr 17 j 11:37	22°♌02'25	0.55669 AU
min. Earth dist.	-4634 May 05 j 20:44	11°♍51'00	0.56969 AU	inferior conj	-4633 Apr 19 j 00:06	21°♌09'14	-2°00'40
inferior conj	-4634 May 08 j 15:42	10°♍02'43	-3°22'47	minimum elong	-4633 Apr 18 j 19:10	21°♌16'27	1°59'12
minimum elong	-4634 May 08 j 10:20	10°♍11'27	3°21'38	morning rise	-4633 Apr 27 j 22:47	17°♌11'13	
morning rise	-4634 May 17 j 00:41	5°♍55'22		direct	-4633 Apr 30 j 10:33	16°♌56'20	
direct	-4634 May 19 j 11:31	5°♍38'37		morning max el	-4633 May 11 j 08:11	22°♌01'33	20°32'42
morning max el	-4634 May 28 j 17:47	9°♍57'07	19°23'42		-4633 May 17 j 23:59	0°♍	
asc. node	-4634 Jun 08 j 14:11	25°♍11'20		asc. node	-4633 May 26 j 11:10	14°♍33'30	
	-4634 Jun 11 j 04:31	0°♎		morning set	-4633 May 30 j 03:35	21°♍54'30	
morning set	-4634 Jun 14 j 22:19	7°♎18'57			-4633 Jun 03 j 01:56	0°♎	
				superior conj	-4633 Jun 06 j 19:54	7°♎41'35	1°34'11
superior conj	-4634 Jun 23 j 03:31	23°♎40'22	1°45'23	minimum elong	-4633 Jun 06 j 17:20	7°♎28'33	1°34'04
minimum elong	-4634 Jun 23 j 01:51	23°♎32'14	1°45'30	max. Earth dist.	-4633 Jun 11 j 12:06	17°♎00'25	1.36074 AU
	-4634 Jun 26 j 10:18	0°♏		evening rise	-4633 Jun 15 j 16:19	24°♎57'07	
max. Earth dist.	-4634 Jun 29 j 05:44	5°♏15'35	1.37794 AU		-4633 Jun 18 j 10:41	0°♏	
evening rise	-4634 Jul 03 j 02:26	12°♏14'35			-4633 Jul 07 j 05:35	0°♏	
	-4634 Jul 13 j 17:10	0°♐		desc. node	-4633 Jul 08 j 08:53	1°♐34'46	
desc. node	-4634 Jul 21 j 11:48	11°♐46'14		evening max el	-4633 Jul 21 j 09:44	17°♐12'31	26°12'48
	-4634 Aug 04 j 11:08	0°♑		retrograde	-4633 Aug 03 j 00:43	24°♐24'23	
evening max el	-4634 Aug 07 j 22:57	3°♑42'04	25°05'12	evening set	-4633 Aug 09 j 10:22	21°♐41'23	
retrograde	-4634 Aug 19 j 17:24	10°♑33'12		min. Earth dist.	-4633 Aug 13 j 13:42	17°♐13'17	0.66291 AU
evening set	-4634 Aug 25 j 12:54	8°♑03'31		inferior conj	-4633 Aug 14 j 23:16	15°♐28'38	-2°21'50
min. Earth dist.	-4634 Aug 30 j 00:27	2°♑57'27	0.66985 AU	minimum elong	-4633 Aug 15 j 02:20	15°♐19'03	2°20'33
inferior conj	-4634 Aug 30 j 22:02	1°♑46'19	-1°32'15	morning rise	-4633 Aug 20 j 18:29	9°♐37'24	
minimum elong	-4634 Aug 31 j 00:08	1°♑39'23	1°31'14	asc. node	-4633 Aug 22 j 10:35	8°♐52'41	
	-4634 Sep 01 j 06:47	30°♑♐		direct	-4633 Aug 23 j 22:28	8°♐39'52	
asc. node	-4634 Sep 04 j 13:29	26°♐26'25		morning max el	-4633 Aug 30 j 20:29	12°♐34'07	18°58'13
morning rise	-4634 Sep 05 j 11:26	25°♐44'17			-4633 Sep 12 j 11:28	0°♑	
direct	-4634 Sep 09 j 00:18	24°♐31'51		morning set	-4633 Sep 21 j 18:17	14°♑38'44	
morning max el	-4634 Sep 16 j 13:03	28°♐53'19	19°52'13		-4633 Oct 01 j 11:36	0°♒	
	-4634 Sep 17 j 14:06	0°♑		desc. node	-4633 Oct 04 j 08:29	4°♒31'18	
	-4634 Oct 08 j 13:51	0°♓		max. Earth dist.	-4633 Oct 06 j 23:26	8°♒39'24	1.44735 AU
morning set	-4634 Oct 12 j 04:41	5°♓35'48					
desc. node	-4634 Oct 17 j 11:34	13°♓50'06		superior conj	-4633 Oct 08 j 01:07	10°♓20'46	-0°23'10
max. Earth dist.	-4634 Oct 24 j 07:05	24°♓35'13	1.44046 AU	minimum elong	-4633 Oct 07 j 22:08	10°♓08'57	0°22'41
	-4634 Oct 27 j 16:12	0°♈			-4633 Oct 20 j 09:17	0°♈	
superior conj	-4634 Oct 28 j 19:59	1°♈52'06	-1°07'45	evening rise	-4633 Oct 23 j 13:38	5°♈08'20	
minimum elong	-4634 Oct 28 j 13:17	1°♈25'02	1°07'01		-4633 Nov 08 j 08:08	0°♈	
evening rise	-4634 Nov 11 j 10:38	24°♈28'44		evening max el	-4633 Nov 13 j 06:17	6°♈06'39	18°45'47

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4633 Nov 18 j 09:22	9° \mathbb{M} 40'13		max. Earth dist.	-4632 Sep 18 j 17:45	22° Ω 54'41	1.44699 AU
retrograde	-4633 Nov 20 j 00:30	9° \mathbb{M} 54'57		desc. node	-4632 Sep 20 j 05:24	25° Ω 15'23	
evening set	-4633 Nov 23 j 02:12	9° \mathbb{M} 01'29			-4632 Sep 23 j 05:46	0° \mathbb{M}	
inferior conj	-4633 Nov 28 j 22:35	3° \mathbb{M} 19'47	3°05'59	evening rise	-4632 Oct 02 j 15:37	14° \mathbb{M} 44'07	
minimum elong	-4633 Nov 28 j 19:21	3° \mathbb{M} 29'34	3°05'01		-4632 Oct 12 j 11:02	0° Ω	
min. Earth dist.	-4633 Nov 30 j 16:11	1° \mathbb{M} 14'12	0.65021 AU	greatest brilliancy	-4632 Oct 13 j 17:42	1° Ω 57'39	-0.7m
	-4633 Dec 01 j 17:44	30° \mathbb{R} Ω		evening max el	-4632 Oct 26 j 14:53	19° Ω 33'40	19°30'23
morning rise	-4633 Dec 04 j 12:09	27° Ω 13'10		retrograde	-4632 Nov 02 j 20:41	23° Ω 45'05	
direct	-4633 Dec 11 j 04:45	24° Ω 22'36		asc. node	-4632 Nov 04 j 06:31	23° Ω 33'34	
	-4633 Dec 22 j 06:04	0° \mathbb{M}		evening set	-4632 Nov 06 j 05:45	22° Ω 38'32	
morning max el	-4633 Dec 24 j 08:06	1° \mathbb{M} 58'18	26°57'37	inferior conj	-4632 Nov 11 j 20:19	16° Ω 42'42	2°23'29
desc. node	-4633 Dec 31 j 08:31	9° \mathbb{M} 53'43		minimum elong	-4632 Nov 11 j 17:26	16° Ω 52'01	2°22'28
	-4632 Jan 14 j 10:46	0° \mathbb{X}		min. Earth dist.	-4632 Nov 13 j 00:25	15° Ω 11'56	0.66108 AU
morning set	-4632 Jan 29 j 00:31	25° \mathbb{X} 34'20		morning rise	-4632 Nov 17 j 04:54	10° Ω 30'29	
	-4632 Jan 31 j 07:01	0° \mathbb{Z}		direct	-4632 Nov 23 j 08:44	7° Ω 49'22	
max. Earth dist.	-4632 Feb 02 j 13:05	4° \mathbb{Z} 30'18	1.34377 AU	morning max el	-4632 Dec 05 j 17:29	15° Ω 06'01	25°54'43
				desc. node	-4632 Dec 17 j 05:30	28° Ω 53'54	
superior conj	-4632 Feb 06 j 08:09	12° \mathbb{Z} 18'48	-1°14'40		-4632 Dec 18 j 00:52	0° \mathbb{M}	
minimum elong	-4632 Feb 06 j 11:02	12° \mathbb{Z} 33'55	1°14'28		-4631 Jan 06 j 06:09	0° \mathbb{X}	
evening rise	-4632 Feb 13 j 18:28	27° \mathbb{Z} 56'02		morning set	-4631 Jan 10 j 22:56	8° \mathbb{X} 25'54	
asc. node	-4632 Feb 14 j 08:27	29° \mathbb{Z} 08'27		max. Earth dist.	-4631 Jan 14 j 21:08	15° \mathbb{X} 49'30	1.35833 AU
	-4632 Feb 14 j 18:27	0° \approx					
	-4632 Mar 04 j 15:48	0° \mathbb{H}		superior conj	-4631 Jan 20 j 04:03	26° \mathbb{X} 15'48	-1°33'48
evening max el	-4632 Mar 04 j 22:44	0° \mathbb{H} 16'39	21°30'50	minimum elong	-4631 Jan 20 j 07:03	26° \mathbb{X} 30'57	1°33'43
retrograde	-4632 Mar 16 j 23:45	6° \mathbb{H} 03'05			-4631 Jan 22 j 00:11	0° \mathbb{Z}	
evening set	-4632 Mar 19 j 13:38	5° \mathbb{H} 48'03		evening rise	-4631 Jan 28 j 01:00	12° \mathbb{Z} 23'26	
desc. node	-4632 Mar 28 j 07:30	2° \mathbb{H} 05'43		asc. node	-4631 Jan 31 j 05:29	18° \mathbb{Z} 47'12	
inferior conj	-4632 Mar 28 j 20:39	1° \mathbb{H} 47'13	-0°09'05		-4631 Feb 06 j 08:50	0° \approx	
minimum elong	-4632 Mar 28 j 20:13	1° \mathbb{H} 47'49	0°09'03	evening max el	-4631 Feb 15 j 05:43	11° \approx 41'26	20°12'20
transit middle	-4632 Mar 28 j 20:13	1° \mathbb{H} 47'49	0°09'03	retrograde	-4631 Feb 25 j 14:56	16° \approx 36'44	
transit begin	-4632 Mar 28 j 16:51	1° \mathbb{H} 52'34		evening set	-4631 Feb 27 j 23:08	16° \approx 22'48	
transit end	-4632 Mar 28 j 23:35	1° \mathbb{H} 43'05		inferior conj	-4631 Mar 08 j 18:43	12° \approx 23'29	1°42'53
min. Earth dist.	-4632 Mar 29 j 01:48	1° \mathbb{H} 39'57	0.55192 AU	minimum elong	-4631 Mar 08 j 22:52	12° \approx 17'16	1°41'24
	-4632 Apr 01 j 02:59	30° \mathbb{R} \approx		min. Earth dist.	-4631 Mar 10 j 15:47	11° \approx 16'10	0.55642 AU
morning rise	-4632 Apr 07 j 02:57	27° \approx 43'14		desc. node	-4631 Mar 15 j 04:40	8° \approx 53'33	
direct	-4632 Apr 09 j 23:38	27° \approx 25'09		morning rise	-4631 Mar 17 j 20:47	7° \approx 57'08	
	-4632 Apr 18 j 03:58	0° \mathbb{H}		direct	-4631 Mar 21 j 14:41	7° \approx 26'23	
morning max el	-4632 Apr 22 j 11:34	3° \mathbb{H} 23'32	21°59'20	morning max el	-4631 Apr 04 j 06:00	14° \approx 10'53	23°37'03
	-4632 May 10 j 05:06	0° \mathbb{Y}			-4631 Apr 16 j 11:13	0° \mathbb{H}	
asc. node	-4632 May 12 j 08:10	4° \mathbb{Y} 16'57		morning set	-4631 Apr 28 j 00:47	21° \mathbb{H} 46'01	
morning set	-4632 May 13 j 13:03	6° \mathbb{Y} 45'42		asc. node	-4631 Apr 29 j 05:09	24° \mathbb{H} 15'24	
					-4631 May 01 j 21:39	0° \mathbb{Y}	
superior conj	-4632 May 20 j 20:45	22° \mathbb{Y} 10'14	1°17'49	superior conj	-4631 May 05 j 03:15	6° \mathbb{Y} 57'15	0°57'48
minimum elong	-4632 May 20 j 18:03	21° \mathbb{Y} 56'05	1°17'31	minimum elong	-4631 May 05 j 00:58	6° \mathbb{Y} 45'01	0°57'24
max. Earth dist.	-4632 May 24 j 04:09	29° \mathbb{Y} 01'25	1.34679 AU	max. Earth dist.	-4631 May 07 j 06:00	11° \mathbb{Y} 27'47	1.33646 AU
	-4632 May 24 j 15:39	0° \mathbb{Z}		evening rise	-4631 May 12 j 16:18	22° \mathbb{Y} 39'49	
evening rise	-4632 May 28 j 22:29	8° \mathbb{Z} 30'18			-4631 May 16 j 10:38	0° \mathbb{Z}	
	-4632 Jun 09 j 23:37	0° \mathbb{II}			-4631 Jun 03 j 17:30	0° \mathbb{II}	
desc. node	-4632 Jun 24 j 05:59	20° \mathbb{II} 51'05		desc. node	-4631 Jun 11 j 03:08	9° \mathbb{II} 21'10	
	-4632 Jul 02 j 05:45	0° \mathbb{E}		evening max el	-4631 Jun 15 j 07:54	13° \mathbb{II} 46'08	27°24'25
evening max el	-4632 Jul 02 j 21:14	0° \mathbb{E} 38'02	27°01'37	retrograde	-4631 Jun 28 j 23:02	21° \mathbb{II} 10'48	
retrograde	-4632 Jul 16 j 02:45	7° \mathbb{E} 59'47		evening set	-4631 Jul 06 j 02:19	18° \mathbb{II} 29'16	
evening set	-4632 Jul 22 j 23:54	5° \mathbb{E} 11'42		min. Earth dist.	-4631 Jul 09 j 17:15	15° \mathbb{II} 13'48	0.63786 AU
min. Earth dist.	-4632 Jul 26 j 20:00	1° \mathbb{E} 21'49	0.65229 AU	inferior conj	-4631 Jul 12 j 06:21	12° \mathbb{II} 34'13	-3°43'28
	-4632 Jul 28 j 00:27	30° \mathbb{R} \mathbb{II}		minimum elong	-4631 Jul 12 j 09:45	12° \mathbb{II} 25'16	3°42'35
inferior conj	-4632 Jul 28 j 18:54	29° \mathbb{II} 06'29	-3°06'33	morning rise	-4631 Jul 18 j 17:58	7° \mathbb{II} 14'28	
minimum elong	-4632 Jul 28 j 22:31	28° \mathbb{II} 56'03	3°05'18	direct	-4631 Jul 21 j 10:51	6° \mathbb{II} 37'58	
morning rise	-4632 Aug 03 j 21:31	23° \mathbb{II} 29'22		asc. node	-4631 Jul 26 j 04:46	8° \mathbb{II} 29'28	
direct	-4632 Aug 06 j 18:54	22° \mathbb{II} 43'40		morning max el	-4631 Jul 27 j 23:18	10° \mathbb{II} 03'10	18°00'16
asc. node	-4632 Aug 08 j 07:41	22° \mathbb{II} 56'24			-4631 Aug 10 j 09:06	0° \mathbb{E}	
morning max el	-4632 Aug 13 j 08:42	26° \mathbb{II} 19'04	18°20'33	morning set	-4631 Aug 14 j 04:18	6° \mathbb{E} 33'32	
	-4632 Aug 16 j 12:19	0° \mathbb{E}					
morning set	-4632 Sep 01 j 10:23	24° \mathbb{E} 59'29		superior conj	-4631 Aug 26 j 19:23	27° \mathbb{E} 53'32	1°07'28
	-4632 Sep 04 j 11:33	0° Ω		minimum elong	-4631 Aug 27 j 01:19	28° \mathbb{E} 17'49	1°07'01
superior conj	-4632 Sep 16 j 01:40	18° Ω 40'53	0°26'03		-4631 Aug 28 j 02:18	0° Ω	
minimum elong	-4632 Sep 16 j 04:54	18° Ω 53'43	0°25'48	max. Earth dist.	-4631 Sep 01 j 10:15	6° Ω 59'51	1.43950 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

desc. node	-4631 Sep 07 j 02:21	15°♌58'44		max. Earth dist.	-4630 Aug 14 j 21:50	20°♊36'29	1.42600 AU
evening rise	-4631 Sep 11 j 22:38	23°♌31'16			-4630 Aug 20 j 17:37	0°♌	
	-4631 Sep 16 j 03:46	0°♍		evening rise	-4630 Aug 22 j 04:09	2°♌16'23	
	-4631 Oct 07 j 01:49	0°♎		desc. node	-4630 Aug 24 j 23:17	6°♌38'28	
evening max el	-4631 Oct 09 j 18:07	2°♎59'47	20°29'51		-4630 Sep 09 j 16:15	0°♍	
retrograde	-4631 Oct 17 j 17:55	7°♎42'18		evening max el	-4630 Sep 22 j 15:01	16°♍24'30	21°41'20
evening set	-4631 Oct 21 j 12:31	6°♎20'03		retrograde	-4630 Oct 01 j 14:14	21°♍44'00	
asc. node	-4631 Oct 22 j 03:40	5°♎50'11		evening set	-4630 Oct 05 j 20:32	20°♍03'45	
inferior conj	-4631 Oct 26 j 22:59	0°♎13'26	1°35'23	asc. node	-4630 Oct 09 j 00:49	16°♍43'08	
minimum elong	-4631 Oct 26 j 20:55	0°♎20'27	1°34'36	inferior conj	-4630 Oct 11 j 04:31	13°♍49'50	0°43'52
	-4631 Oct 27 j 02:58	30°♏♍		minimum elong	-4630 Oct 11 j 03:31	13°♍53'18	0°43'32
min. Earth dist.	-4631 Oct 27 j 15:10	29°♏18'50	0.66847 AU	min. Earth dist.	-4630 Oct 11 j 09:59	13°♏30'59	0.67271 AU
morning rise	-4631 Nov 01 j 05:07	23°♏58'06		morning rise	-4630 Oct 16 j 10:22	7°♏34'10	
direct	-4631 Nov 06 j 17:57	21°♏34'02		direct	-4630 Oct 21 j 08:01	5°♏30'43	
morning max el	-4631 Nov 18 j 02:20	28°♏19'33	24°35'27	morning max el	-4630 Oct 31 j 12:13	11°♏35'31	23°09'23
	-4631 Nov 19 j 16:50	0°♐			-4630 Nov 15 j 03:07	0°♐	
desc. node	-4631 Dec 04 j 02:27	18°♐29'21		desc. node	-4630 Nov 20 j 23:21	8°♐29'44	
	-4631 Dec 11 j 19:15	0°♑			-4630 Dec 04 j 15:42	0°♑	
morning set	-4631 Dec 24 j 01:34	20°♑14'18		morning set	-4630 Dec 05 j 02:20	0°♑44'04	
max. Earth dist.	-4631 Dec 27 j 19:59	26°♑58'04	1.37672 AU	max. Earth dist.	-4630 Dec 09 j 15:57	8°♑28'33	1.39720 AU
	-4631 Dec 29 j 11:39	0°♒					
superior conj	-4630 Jan 03 j 13:21	9°♒36'23	-1°47'38	superior conj	-4630 Dec 17 j 07:41	22°♑08'34	-1°53'29
minimum elong	-4630 Jan 03 j 15:32	9°♒46'57	1°47'45	minimum elong	-4630 Dec 17 j 07:46	22°♑09'00	1°53'40
evening rise	-4630 Jan 12 j 01:58	26°♒28'17			-4630 Dec 21 j 12:29	0°♒	
	-4630 Jan 13 j 20:50	0°♓		evening rise	-4630 Dec 26 j 18:37	10°♒03'14	
asc. node	-4630 Jan 18 j 02:33	8°♓03'43		asc. node	-4629 Jan 04 j 23:37	26°♒50'05	
evening max el	-4630 Jan 28 j 23:08	23°♓42'04	19°11'52		-4629 Jan 07 j 00:25	0°♓	
retrograde	-4630 Feb 06 j 18:47	27°♓54'33		evening max el	-4629 Jan 12 j 01:30	6°♓14'29	18°31'18
evening set	-4630 Feb 09 j 04:12	27°♓37'19		retrograde	-4629 Jan 19 j 16:40	9°♓58'19	
inferior conj	-4630 Feb 17 j 07:08	23°♓25'36	3°06'31	evening set	-4629 Jan 22 j 04:56	9°♓35'27	
minimum elong	-4630 Feb 17 j 12:02	23°♓17'12	3°05'12	inferior conj	-4629 Jan 29 j 15:33	5°♓04'25	3°52'10
min. Earth dist.	-4630 Feb 20 j 06:44	21°♓24'15	0.56905 AU	minimum elong	-4629 Jan 29 j 18:10	4°♓59'15	3°51'39
morning rise	-4630 Feb 25 j 17:17	18°♓29'14		min. Earth dist.	-4629 Feb 02 j 00:33	2°♓25'05	0.58710 AU
desc. node	-4630 Mar 02 j 01:48	17°♓32'28			-4629 Feb 05 j 16:05	30°♏♒	
direct	-4630 Mar 02 j 16:51	17°♓31'32		morning rise	-4629 Feb 06 j 05:10	29°♒42'38	
morning max el	-4630 Mar 16 j 21:01	24°♓46'58	25°13'44	direct	-4629 Feb 12 j 08:22	28°♒06'35	
	-4630 Mar 21 j 16:18	0°♔		desc. node	-4629 Feb 16 j 22:55	28°♒59'00	
	-4630 Apr 09 j 05:14	0°♕			-4629 Feb 19 j 04:46	0°♓	
morning set	-4630 Apr 12 j 13:05	6°♕49'30		morning max el	-4629 Feb 26 j 14:24	5°♓38'23	26°34'14
asc. node	-4630 Apr 16 j 02:08	14°♕23'48			-4629 Mar 16 j 13:30	0°♔	
				morning set	-4629 Mar 28 j 00:07	21°♔48'32	
superior conj	-4630 Apr 19 j 13:15	21°♕55'35	0°35'16		-4629 Mar 31 j 20:16	0°♕	
minimum elong	-4630 Apr 19 j 11:45	21°♕47'27	0°34'54	asc. node	-4629 Apr 02 j 23:05	4°♕36'48	
max. Earth dist.	-4630 Apr 20 j 15:07	24°♕16'03	1.32967 AU				
	-4630 Apr 23 j 07:06	0°♖		superior conj	-4629 Apr 04 j 00:49	6°♕57'30	0°11'09
evening rise	-4630 Apr 26 j 18:12	7°♖14'37		minimum elong	-4629 Apr 04 j 00:20	6°♕54'50	0°10'56
	-4630 May 08 j 22:50	0°♗		behind sun begin	-4629 Apr 03 j 20:42	6°♕35'01	
evening max el	-4630 May 28 j 15:27	26°♗24'41	27°16'06	behind sun end	-4629 Apr 04 j 03:57	7°♕14'39	
desc. node	-4630 May 29 j 00:16	26°♗45'37		max. Earth dist.	-4629 Apr 04 j 03:58	7°♕14'43	1.32632 AU
	-4630 Jun 01 j 20:52	0°♘		evening rise	-4629 Apr 11 j 01:23	22°♕04'16	
retrograde	-4630 Jun 11 j 13:04	3°♘48'42			-4629 Apr 14 j 23:17	0°♖	
evening set	-4630 Jun 18 j 13:53	1°♘27'48			-4629 May 03 j 07:25	0°♗	
	-4630 Jun 20 j 13:37	30°♏♗		evening max el	-4629 May 10 j 17:41	8°♗23'26	26°35'05
min. Earth dist.	-4630 Jun 22 j 04:40	28°♗36'48	0.61994 AU	desc. node	-4629 May 15 j 21:26	12°♗36'05	
inferior conj	-4630 Jun 25 j 06:32	25°♗45'30	-4°08'13	retrograde	-4629 May 24 j 19:29	15°♗43'53	
minimum elong	-4630 Jun 25 j 08:38	25°♗40'38	4°07'50	evening set	-4629 May 31 j 06:25	13°♗56'40	
morning rise	-4630 Jul 02 j 04:47	20°♗45'44		min. Earth dist.	-4629 Jun 04 j 06:59	11°♗14'29	0.59977 AU
direct	-4630 Jul 04 j 18:51	20°♗16'26		inferior conj	-4629 Jun 07 j 15:52	8°♗30'49	-4°14'10
morning max el	-4630 Jul 11 j 13:38	23°♗41'00	17°58'19	minimum elong	-4629 Jun 07 j 15:18	8°♗31'59	4°14'02
asc. node	-4630 Jul 13 j 01:50	25°♗17'24		morning rise	-4629 Jun 15 j 02:24	3°♗52'23	
	-4630 Jul 16 j 15:05	0°♘		direct	-4629 Jun 17 j 14:50	3°♗28'49	
morning set	-4630 Jul 27 j 19:08	19°♘07'50		morning max el	-4629 Jun 25 j 00:44	7°♗03'51	18°15'37
	-4630 Aug 02 j 20:17	0°♙		asc. node	-4629 Jun 29 j 22:50	13°♗03'50	
					-4629 Jul 09 j 18:03	0°♘	
superior conj	-4630 Aug 07 j 16:30	8°♙28'06	1°34'33	morning set	-4629 Jul 11 j 01:34	2°♘28'29	
minimum elong	-4630 Aug 07 j 20:58	8°♙47'21	1°34'27				
				superior conj	-4629 Jul 20 j 15:20	20°♘19'36	1°47'24

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4629 Jul 20 j 16:59	20° Π 27'06	1°47'35	asc. node	-4628 Jun 15 j 19:49	1° \mathcal{B} 35'33	
	-4629 Jul 26 j 02:10	0° \mathfrak{C}		morning set	-4628 Jun 23 j 19:22	16° \mathcal{B} 24'52	
max. Earth dist.	-4629 Jul 28 j 03:21	3° \mathfrak{C} 31'26	1.40830 AU		-4628 Jun 30 j 18:09	0° Π	
evening rise	-4629 Aug 02 j 03:25	11° \mathfrak{C} 52'42					
desc. node	-4629 Aug 11 j 20:16	27° \mathfrak{C} 10'57		superior conj	-4628 Jul 02 j 10:23	3° Π 12'54	1°48'43
	-4629 Aug 13 j 17:02	0° Ω		minimum elong	-4628 Jul 02 j 09:40	3° Π 09'27	1°48'55
	-4629 Sep 05 j 10:25	0° \mathfrak{M}		max. Earth dist.	-4628 Jul 09 j 05:15	15° Π 45'44	1.38891 AU
evening max el	-4629 Sep 05 j 06:15	29° Ω 49'36	23°00'30	evening rise	-4628 Jul 13 j 04:51	22° Π 45'09	
retrograde	-4629 Sep 15 j 08:03	5° \mathfrak{M} 47'57			-4628 Jul 17 j 12:09	0° \mathfrak{C}	
evening set	-4629 Sep 20 j 03:58	3° \mathfrak{M} 48'07		desc. node	-4628 Jul 28 j 17:18	17° \mathfrak{C} 31'26	
	-4629 Sep 23 j 14:58	30° \mathfrak{R} Ω			-4628 Aug 06 j 13:46	0° Ω	
inferior conj	-4629 Sep 25 j 11:06	27° Ω 30'29	-0°09'15	evening max el	-4628 Aug 17 j 17:58	13° Ω 17'04	24°21'11
minimum elong	-4629 Sep 25 j 11:19	27° Ω 29'46	0°09'01	retrograde	-4628 Aug 28 j 22:14	19° Ω 50'34	
transit middle	-4629 Sep 25 j 11:19	27° Ω 29'46	0°09'01	evening set	-4628 Sep 03 j 09:05	17° Ω 31'15	
transit begin	-4629 Sep 25 j 09:04	27° Ω 37'32		min. Earth dist.	-4628 Sep 08 j 01:50	12° Ω 04'14	0.67228 AU
transit end	-4629 Sep 25 j 13:34	27° Ω 22'00		inferior conj	-4628 Sep 08 j 17:00	11° Ω 13'11	-1°02'21
min. Earth dist.	-4629 Sep 25 j 06:24	27° Ω 46'43	0.67398 AU	minimum elong	-4628 Sep 08 j 18:26	11° Ω 08'20	1°01'34
asc. node	-4629 Sep 25 j 21:56	26° Ω 53'12		asc. node	-4628 Sep 11 j 19:03	7° Ω 18'46	
morning rise	-4629 Sep 30 j 18:32	21° Ω 17'35		morning rise	-4628 Sep 14 j 03:45	5° Ω 06'18	
direct	-4629 Oct 05 j 02:04	19° Ω 35'14		direct	-4628 Sep 17 j 22:55	3° Ω 43'34	
morning max el	-4629 Oct 14 j 02:10	24° Ω 56'01	21°45'21	morning max el	-4628 Sep 25 j 22:44	8° Ω 24'09	20°29'57
	-4629 Oct 18 j 13:17	0° \mathfrak{M}			-4628 Oct 12 j 01:21	0° \mathfrak{M}	
desc. node	-4629 Nov 07 j 20:14	28° \mathfrak{M} 47'55		morning set	-4628 Oct 23 j 23:11	18° \mathfrak{M} 08'28	
	-4629 Nov 08 j 15:03	0° $\underline{\mathfrak{A}}$		desc. node	-4628 Oct 24 j 17:06	19° \mathfrak{M} 18'03	
morning set	-4629 Nov 14 j 22:37	9° $\underline{\mathfrak{A}}$ 52'06			-4628 Oct 31 j 12:15	0° $\underline{\mathfrak{A}}$	
max. Earth dist.	-4629 Nov 21 j 16:16	20° $\underline{\mathfrak{A}}$ 47'57	1.41710 AU	max. Earth dist.	-4628 Nov 03 j 00:25	4° $\underline{\mathfrak{A}}$ 00'57	1.43357 AU
	-4629 Nov 27 j 03:03	0° \mathfrak{M}					
				superior conj	-4628 Nov 09 j 01:38	13° $\underline{\mathfrak{A}}$ 54'01	-1°27'13
superior conj	-4629 Nov 29 j 05:37	3° \mathfrak{M} 39'01	-1°47'52	minimum elong	-4628 Nov 08 j 19:17	13° $\underline{\mathfrak{A}}$ 27'44	1°26'40
minimum elong	-4629 Nov 29 j 02:23	3° \mathfrak{M} 24'55	1°47'49		-4628 Nov 18 j 13:12	0° \mathfrak{M}	
evening rise	-4629 Dec 09 j 23:38	23° \mathfrak{M} 00'58		evening rise	-4628 Nov 21 j 12:53	5° \mathfrak{M} 12'23	
	-4629 Dec 13 j 19:14	0° \mathfrak{J}			-4628 Dec 06 j 19:41	0° \mathfrak{J}	
asc. node	-4629 Dec 22 j 20:42	14° \mathfrak{J} 56'51		asc. node	-4628 Dec 08 j 17:49	2° \mathfrak{J} 11'27	
evening max el	-4629 Dec 26 j 10:13	19° \mathfrak{J} 11'02	18°10'48	evening max el	-4628 Dec 08 j 22:17	2° \mathfrak{J} 22'50	18°09'48
retrograde	-4628 Jan 02 j 07:45	22° \mathfrak{J} 41'08		retrograde	-4628 Dec 15 j 12:07	5° \mathfrak{J} 52'02	
evening set	-4628 Jan 04 j 22:50	22° \mathfrak{J} 11'18		evening set	-4628 Dec 18 j 06:19	5° \mathfrak{J} 14'13	
inferior conj	-4628 Jan 11 j 19:33	17° \mathfrak{J} 18'33	4°04'58	inferior conj	-4628 Dec 24 j 15:45	0° \mathfrak{J} 00'23	3°53'57
minimum elong	-4628 Jan 11 j 19:18	17° \mathfrak{J} 19'07	4°04'44	minimum elong	-4628 Dec 24 j 13:31	0° \mathfrak{J} 06'11	3°53'30
min. Earth dist.	-4628 Jan 15 j 00:03	14° \mathfrak{J} 24'35	0.60711 AU		-4628 Dec 24 j 15:53	30° \mathfrak{R} \mathfrak{M}	
morning rise	-4628 Jan 18 j 14:20	11° \mathfrak{J} 38'55		min. Earth dist.	-4628 Dec 27 j 08:04	27° \mathfrak{M} 14'00	0.62613 AU
direct	-4628 Jan 25 j 10:53	9° \mathfrak{J} 25'31		morning rise	-4628 Dec 30 j 19:55	24° \mathfrak{M} 07'47	
desc. node	-4628 Feb 03 j 19:59	13° \mathfrak{J} 02'33		direct	-4627 Jan 06 j 21:52	21° \mathfrak{M} 28'31	
morning max el	-4628 Feb 08 j 13:32	17° \mathfrak{J} 04'42	27°25'43	desc. node	-4627 Jan 20 j 17:00	29° \mathfrak{M} 06'59	
	-4628 Feb 19 j 07:35	0° \mathfrak{Z}		morning max el	-4627 Jan 20 j 18:36	29° \mathfrak{M} 10'52	27°41'52
	-4628 Mar 08 j 01:31	0° \approx			-4627 Jan 21 j 14:14	0° \mathfrak{J}	
morning set	-4628 Mar 11 j 08:06	6° \approx 36'40			-4627 Feb 12 j 03:43	0° \mathfrak{Z}	
max. Earth dist.	-4628 Mar 17 j 16:59	20° \approx 11'35	1.32640 AU	morning set	-4627 Feb 23 j 10:55	21° \mathfrak{Z} 05'59	
					-4627 Feb 27 j 17:56	0° \approx	
superior conj	-4628 Mar 18 j 12:20	21° \approx 57'08	-0°13'44	max. Earth dist.	-4627 Mar 01 j 02:24	2° \approx 52'58	1.32999 AU
minimum elong	-4628 Mar 18 j 12:57	22° \approx 00'30	0°13'45				
behind sun begin	-4628 Mar 18 j 10:27	21° \approx 46'54		superior conj	-4627 Mar 02 j 22:07	6° \approx 48'11	-0°38'27
behind sun end	-4628 Mar 18 j 15:26	22° \approx 14'07		minimum elong	-4627 Mar 02 j 23:49	6° \approx 57'18	0°38'18
asc. node	-4628 Mar 19 j 20:03	24° \approx 50'26		asc. node	-4627 Mar 06 j 17:03	15° \approx 00'31	
	-4628 Mar 22 j 04:55	0° \mathfrak{H}		evening rise	-4627 Mar 09 j 23:19	21° \approx 58'31	
evening rise	-4628 Mar 25 j 11:44	7° \mathfrak{H} 01'18			-4627 Mar 13 j 21:22	0° \mathfrak{H}	
	-4628 Apr 06 j 15:16	0° \mathfrak{Y}			-4627 Apr 02 j 17:25	0° \mathfrak{Y}	
evening max el	-4628 Apr 21 j 13:55	19° \mathfrak{Y} 41'39	25°25'02	evening max el	-4627 Apr 03 j 06:15	0° \mathfrak{Y} 31'11	23°56'03
desc. node	-4628 May 01 j 18:37	26° \mathfrak{Y} 17'33		retrograde	-4627 Apr 17 j 00:03	7° \mathfrak{Y} 22'53	
retrograde	-4628 May 05 j 15:53	26° \mathfrak{Y} 53'06		desc. node	-4627 Apr 18 j 15:47	7° \mathfrak{Y} 16'42	
evening set	-4628 May 11 j 01:28	25° \mathfrak{Y} 44'36		evening set	-4627 Apr 21 j 02:10	6° \mathfrak{Y} 45'54	
min. Earth dist.	-4628 May 16 j 02:27	22° \mathfrak{Y} 54'59	0.57984 AU	min. Earth dist.	-4627 Apr 27 j 17:54	3° \mathfrak{Y} 36'05	0.56333 AU
inferior conj	-4628 May 19 j 06:53	20° \mathfrak{Y} 41'10	-3°52'04	inferior conj	-4627 Apr 30 j 01:50	2° \mathfrak{Y} 10'17	-2°52'41
minimum elong	-4628 May 19 j 02:57	20° \mathfrak{Y} 48'08	3°51'27	minimum elong	-4627 Apr 29 j 20:05	2° \mathfrak{Y} 19'09	2°51'13
morning rise	-4628 May 27 j 07:19	16° \mathfrak{Y} 23'18			-4627 May 03 j 19:30	30° \mathfrak{R} \mathfrak{H}	
direct	-4628 May 29 j 18:43	16° \mathfrak{Y} 04'19		morning rise	-4627 May 08 j 16:57	28° \mathfrak{H} 08'23	
morning max el	-4628 Jun 07 j 05:45	20° \mathfrak{Y} 02'53	18°52'58	direct	-4627 May 11 j 03:58	27° \mathfrak{H} 52'39	
	-4628 Jun 14 j 20:44	0° \mathfrak{B}			-4627 May 17 j 21:52	0° \mathfrak{Y}	

































































































































Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning max el	-4627 May 21 j 02:02	2° Υ 29'15	19°50'44			-4626 May 15 j 02:45	0° Υ	
asc. node	-4627 Jun 02 j 16:49	20° Υ 42'02		asc. node		-4626 May 20 j 13:49	10° Υ 14'05	
	-4627 Jun 07 j 11:34	0° B		morning set		-4626 May 23 j 04:35	15° Υ 31'51	
morning set	-4627 Jun 07 j 21:16	0° B 48'41				-4626 May 30 j 03:36	0° B	
superior conj	-4627 Jun 15 j 20:20	16° B 53'28	1°41'24	superior conj		-4626 May 30 j 16:45	1° B 07'47	1°27'48
minimum elong	-4627 Jun 15 j 18:11	16° B 42'46	1°41'24	minimum elong		-4626 May 30 j 14:03	0° B 53'52	1°27'34
max. Earth dist.	-4627 Jun 21 j 08:38	27° B 35'32	1.37027 AU	max. Earth dist.		-4626 Jun 03 j 18:49	9° B 24'51	1.35430 AU
	-4627 Jun 22 j 15:26	0° II		evening rise		-4626 Jun 08 j 04:21	17° B 57'02	
evening rise	-4627 Jun 25 j 06:56	4° II 51'23				-4626 Jun 14 j 19:48	0° II	
	-4627 Jul 10 j 10:40	0° E		desc. node		-4626 Jul 02 j 11:30	27° II 10'29	
desc. node	-4627 Jul 15 j 14:23	7° E 34'10				-4626 Jul 04 j 15:18	0° E	
evening max el	-4627 Jul 31 j 04:34	26° E 47'23	25°35'46	evening max el		-4626 Jul 13 j 15:30	10° E 15'58	26°36'16
	-4627 Aug 03 j 18:54	0° Ω		retrograde		-4626 Jul 26 j 13:15	17° E 33'34	
retrograde	-4627 Aug 12 j 08:07	3° Ω 48'02		evening set		-4626 Aug 02 j 04:25	14° E 46'49	
evening set	-4627 Aug 18 j 09:58	1° Ω 11'50		min. Earth dist.		-4626 Aug 06 j 04:23	10° E 35'27	0.65886 AU
	-4627 Aug 19 j 16:04	30° R E		inferior conj		-4626 Aug 07 j 19:35	8° E 36'55	-2°41'34
min. Earth dist.	-4627 Aug 22 j 17:57	26° E 21'58	0.66736 AU	minimum elong		-4626 Aug 07 j 22:57	8° E 26'43	2°40'15
inferior conj	-4627 Aug 23 j 20:28	24° E 56'26	-1°53'44	morning rise		-4626 Aug 13 j 17:47	2° E 51'37	
minimum elong	-4627 Aug 23 j 23:02	24° E 48'12	1°52'33	direct		-4626 Aug 16 j 18:39	1° E 59'36	
morning rise	-4627 Aug 29 j 12:10	18° E 58'47		asc. node		-4626 Aug 16 j 13:15	1° E 59'53	
asc. node	-4627 Aug 29 j 16:09	18° E 52'28		morning max el		-4626 Aug 23 j 12:24	5° E 44'41	18°40'12
direct	-4627 Sep 01 j 21:03	17° E 52'58				-4626 Sep 09 j 05:35	0° Ω	
morning max el	-4627 Sep 09 j 02:35	22° E 01'23	19°27'26	morning set		-4626 Sep 13 j 02:17	6° Ω 13'00	
	-4627 Sep 15 j 13:01	0° Ω		desc. node		-4626 Sep 28 j 10:59	0° P 39'23	
morning set	-4627 Oct 03 j 02:01	26° Ω 38'27				-4626 Sep 28 j 01:00	0° P	
	-4627 Oct 05 j 05:40	0° P		superior conj		-4626 Sep 28 j 18:50	1° P 10'19	-0°02'05
desc. node	-4627 Oct 11 j 14:02	9° P 56'27		minimum elong		-4626 Sep 28 j 18:34	1° P 09'18	0°01'55
max. Earth dist.	-4627 Oct 16 j 15:00	17° P 53'24	1.44431 AU	behind sun begin		-4626 Sep 28 j 07:13	0° P 24'32	
				behind sun end		-4626 Sep 29 j 05:56	1° P 54'05	
superior conj	-4627 Oct 19 j 18:32	22° P 53'38	-0°50'12	max. Earth dist.		-4626 Sep 29 j 08:31	2° P 04'14	1.44804 AU
minimum elong	-4627 Oct 19 j 12:45	22° P 30'31	0°49'28	evening rise		-4626 Oct 14 j 22:02	26° P 41'02	
	-4627 Oct 24 j 04:45	0° A				-4626 Oct 16 j 23:59	0° A	
evening rise	-4627 Nov 03 j 05:43	16° A 28'41		evening max el		-4626 Nov 05 j 21:36	29° A 09'33	19°02'46
	-4627 Nov 11 j 09:15	0° M				-4626 Nov 06 j 18:01	0° M	
evening max el	-4627 Nov 22 j 10:55	15° M 43'49	18°27'28	retrograde		-4626 Nov 12 j 20:06	3° M 07'09	
asc. node	-4627 Nov 25 j 14:56	18° M 19'46		asc. node		-4626 Nov 12 j 12:03	3° M 06'30	
retrograde	-4627 Nov 29 j 01:29	19° M 22'45		evening set		-4626 Nov 16 j 00:35	2° M 08'32	
evening set	-4627 Dec 01 j 23:54	18° M 35'34				-4626 Nov 18 j 14:47	30° R A	
inferior conj	-4627 Dec 08 j 00:27	13° M 02'57	3°26'47	inferior conj		-4626 Nov 21 j 18:16	26° A 20'17	2°48'51
minimum elong	-4627 Dec 07 j 21:19	13° M 11'58	3°25'58	minimum elong		-4626 Nov 21 j 15:07	26° A 30'08	2°47'49
min. Earth dist.	-4627 Dec 10 j 02:11	10° M 39'51	0.64239 AU	min. Earth dist.		-4626 Nov 23 j 05:56	24° A 29'02	0.65520 AU
morning rise	-4627 Dec 13 j 18:15	7° M 00'31		morning rise		-4626 Nov 27 j 05:20	20° A 10'42	
direct	-4627 Dec 20 j 16:04	4° M 10'12		direct		-4626 Dec 03 j 16:46	17° A 22'59	
morning max el	-4626 Jan 03 j 03:29	11° M 50'59	27°22'44	morning max el		-4626 Dec 16 j 13:21	24° A 52'55	26°33'32
desc. node	-4626 Jan 07 j 14:01	16° M 38'50				-4626 Dec 21 j 06:00	0° M	
	-4626 Jan 17 j 16:50	0° J		desc. node		-4626 Dec 25 j 11:01	5° M 12'41	
	-4626 Feb 04 j 14:08	0° Z				-4625 Jan 11 j 03:09	0° J	
morning set	-4626 Feb 07 j 05:47	5° Z 07'20		morning set		-4625 Jan 21 j 13:07	18° J 29'27	
max. Earth dist.	-4626 Feb 12 j 04:15	15° Z 05'53	1.33751 AU	max. Earth dist.		-4625 Jan 25 j 19:10	26° J 43'40	1.34939 AU
						-4625 Jan 27 j 10:27	0° Z	
superior conj	-4626 Feb 15 j 04:22	21° Z 24'14	-1°02'04	superior conj		-4625 Jan 30 j 04:52	5° Z 38'33	-1°23'17
minimum elong	-4626 Feb 15 j 06:56	21° Z 37'49	1°01'51	minimum elong		-4625 Jan 30 j 07:54	5° Z 54'10	1°23'07
	-4626 Feb 19 j 05:06	0° \approx		evening rise		-4625 Feb 06 j 19:13	21° Z 27'36	
asc. node	-4626 Feb 21 j 14:05	5° \approx 02'31		asc. node		-4625 Feb 08 j 11:07	24° Z 51'47	
evening rise	-4626 Feb 22 j 10:24	6° \approx 49'17				-4625 Feb 11 j 01:09	0° \approx	
	-4626 Mar 06 j 23:05	0° X		evening max el		-4625 Feb 26 j 01:17	22° \approx 23'15	20°55'28
evening max el	-4626 Mar 16 j 00:00	11° X 16'17	22°21'59	retrograde		-4625 Mar 09 j 10:15	27° \approx 48'11	
retrograde	-4626 Mar 28 j 20:19	17° X 31'32		evening set		-4625 Mar 11 j 20:04	27° \approx 34'32	
evening set	-4626 Mar 31 j 19:34	17° X 12'07		inferior conj		-4625 Mar 20 j 23:21	23° \approx 36'22	0°40'19
desc. node	-4626 Apr 05 j 12:57	15° X 31'02		minimum elong		-4625 Mar 21 j 01:10	23° \approx 33'45	0°39'33
min. Earth dist.	-4626 Apr 09 j 08:06	13° X 29'40	0.55351 AU	min. Earth dist.		-4625 Mar 21 j 22:29	23° \approx 03'15	0.55266 AU
inferior conj	-4626 Apr 10 j 03:48	13° X 01'41	-1°15'28	desc. node		-4625 Mar 23 j 10:05	22° \approx 13'12	
minimum elong	-4626 Apr 10 j 00:26	13° X 06'29	1°14'26	morning rise		-4625 Mar 30 j 05:27	19° \approx 24'17	
morning rise	-4626 Apr 19 j 06:56	9° X 03'47		direct		-4625 Apr 02 j 09:18	19° \approx 02'30	
direct	-4626 Apr 21 j 21:05	8° X 48'27						
morning max el	-4626 May 03 j 11:46	14° X 15'40	21°07'49					

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning max el	-4625 Apr 15 j 11:09	25° \approx 22'36	22°40'07	desc. node	-4624 Mar 09 j 07:14	29° \approx 35'46	
	-4625 Apr 19 j 17:51	0° \mathbb{H}		direct	-4624 Mar 13 j 04:58	29° \approx 01'30	
asc. node	-4625 May 07 j 10:50	0° \mathbb{Y} 04'56			-4624 Mar 18 j 06:33	0° \approx	
	-4625 May 07 j 09:53	0° \mathbb{Y}		morning max el	-4624 Mar 27 j 03:17	6° \approx 01'45	24°18'59
morning set	-4625 May 07 j 15:15	0° \mathbb{Y} 27'54			-4624 Apr 13 j 06:20	0° \mathbb{H}	
				morning set	-4624 Apr 21 j 03:24	15° \mathbb{H} 30'06	
superior conj	-4625 May 14 j 20:21	15° \mathbb{Y} 45'48	1°09'42	asc. node	-4624 Apr 23 j 07:49	20° \mathbb{H} 08'06	
minimum elong	-4625 May 14 j 17:46	15° \mathbb{Y} 32'09	1°09'21		-4624 Apr 27 j 21:27	0° \mathbb{Y}	
max. Earth dist.	-4625 May 17 j 14:54	21° \mathbb{Y} 35'09	1.34192 AU				
	-4625 May 21 j 18:13	0° \mathbb{B}		superior conj	-4624 Apr 28 j 04:34	0° \mathbb{Y} 38'29	0°48'29
evening rise	-4625 May 22 j 16:00	1° \mathbb{B} 47'33		minimum elong	-4624 Apr 28 j 02:35	0° \mathbb{Y} 27'45	0°48'06
	-4625 Jun 07 j 17:52	0° \mathbb{II}		max. Earth dist.	-4624 Apr 29 j 20:08	4° \mathbb{Y} 11'17	1.33319 AU
desc. node	-4625 Jun 19 j 08:36	16° \mathbb{II} 09'07		evening rise	-4624 May 05 j 13:39	16° \mathbb{Y} 09'21	
evening max el	-4625 Jun 26 j 02:43	23° \mathbb{II} 35'00	27°14'49		-4624 May 12 j 18:39	0° \mathbb{B}	
	-4625 Jul 05 j 00:50	0° \mathbb{B}			-4624 Jun 01 j 12:09	0° \mathbb{II}	
retrograde	-4625 Jul 09 j 13:09	0° \mathbb{B} 59'33		desc. node	-4624 Jun 05 j 05:43	4° \mathbb{II} 14'14	
	-4625 Jul 13 j 18:27	30° \mathbb{R} \mathbb{II}		evening max el	-4624 Jun 07 j 12:30	6° \mathbb{II} 32'39	27°24'56
evening set	-4625 Jul 16 j 13:38	28° \mathbb{II} 12'27		retrograde	-4624 Jun 21 j 06:59	13° \mathbb{II} 57'18	
min. Earth dist.	-4625 Jul 20 j 07:04	24° \mathbb{II} 37'59	0.64658 AU	evening set	-4624 Jun 28 j 10:14	11° \mathbb{II} 23'08	
inferior conj	-4625 Jul 22 j 12:03	22° \mathbb{II} 10'57	-3°23'25	min. Earth dist.	-4624 Jul 02 j 00:23	8° \mathbb{II} 19'16	0.63058 AU
minimum elong	-4625 Jul 22 j 15:41	22° \mathbb{II} 00'49	3°22'18	inferior conj	-4624 Jul 04 j 19:08	5° \mathbb{II} 32'58	-3°55'50
morning rise	-4625 Jul 28 j 18:19	16° \mathbb{II} 40'54		minimum elong	-4624 Jul 04 j 22:08	5° \mathbb{II} 25'27	3°55'10
direct	-4625 Jul 31 j 13:25	15° \mathbb{II} 59'35		morning rise	-4624 Jul 11 j 11:03	0° \mathbb{II} 21'09	
asc. node	-4625 Aug 03 j 10:22	16° \mathbb{II} 42'48			-4624 Jul 12 j 12:30	30° \mathbb{R} \mathbb{B}	
morning max el	-4625 Aug 07 j 01:58	19° \mathbb{II} 29'55	18°09'41	direct	-4624 Jul 14 j 02:30	29° \mathbb{B} 47'57	
	-4625 Aug 14 j 21:47	0° \mathbb{B}			-4624 Jul 15 j 16:15	0° \mathbb{II}	
morning set	-4625 Aug 25 j 05:44	17° \mathbb{B} 05'34		asc. node	-4624 Jul 20 j 07:27	2° \mathbb{II} 49'38	
	-4625 Sep 01 j 23:58	0° \mathbb{Q}		morning max el	-4624 Jul 20 j 16:43	3° \mathbb{II} 11'58	17°57'04
				morning set	-4624 Aug 06 j 09:16	29° \mathbb{II} 07'24	
					-4624 Aug 06 j 21:13	0° \mathbb{B}	
superior conj	-4625 Sep 08 j 00:27	9° \mathbb{Q} 46'31	0°45'10				
minimum elong	-4625 Sep 08 j 05:26	10° \mathbb{Q} 06'33	0°44'43	superior conj	-4624 Aug 18 j 05:24	19° \mathbb{B} 32'46	1°20'49
max. Earth dist.	-4625 Sep 12 j 01:48	16° \mathbb{Q} 14'59	1.44456 AU	minimum elong	-4624 Aug 18 j 11:04	19° \mathbb{B} 56'27	1°20'29
desc. node	-4625 Sep 15 j 07:55	21° \mathbb{Q} 23'28		max. Earth dist.	-4624 Aug 24 j 16:20	0° \mathbb{Q} 09'36	1.43439 AU
	-4625 Sep 20 j 19:55	0° \mathbb{P}			-4624 Aug 24 j 13:58	0° \mathbb{Q}	
evening rise	-4625 Sep 24 j 14:21	5° \mathbb{P} 51'23		desc. node	-4624 Sep 01 j 04:51	12° \mathbb{Q} 05'56	
greatest brilliancy	-4625 Oct 07 j 15:26	25° \mathbb{P} 50'29	-0.7m	evening rise	-4624 Sep 02 j 18:07	14° \mathbb{Q} 31'00	
	-4625 Oct 10 j 10:57	0° \mathbb{Q}			-4624 Sep 12 j 22:06	0° \mathbb{P}	
evening max el	-4625 Oct 20 j 04:04	12° \mathbb{Q} 36'11	19°54'07	evening max el	-4624 Oct 02 j 04:45	26° \mathbb{P} 02'21	20°59'08
retrograde	-4625 Oct 27 j 16:58	17° \mathbb{Q} 00'13			-4624 Oct 07 j 02:20	0° \mathbb{Q}	
asc. node	-4625 Oct 30 j 09:12	16° \mathbb{Q} 18'34		retrograde	-4624 Oct 10 j 13:53	0° \mathbb{Q} 59'40	
evening set	-4625 Oct 31 j 05:43	15° \mathbb{Q} 47'31			-4624 Oct 13 j 19:52	30° \mathbb{R} \mathbb{P}	
inferior conj	-4625 Nov 05 j 18:22	9° \mathbb{Q} 46'51	2°03'41	evening set	-4624 Oct 14 j 13:13	29° \mathbb{P} 30'05	
minimum elong	-4625 Nov 05 j 15:46	9° \mathbb{Q} 55'24	2°02'43	asc. node	-4624 Oct 16 j 06:20	27° \mathbb{P} 56'36	
min. Earth dist.	-4625 Nov 06 j 17:18	8° \mathbb{Q} 31'08	0.66456 AU	inferior conj	-4624 Oct 19 j 22:28	23° \mathbb{P} 20'15	1°13'53
morning rise	-4625 Nov 11 j 01:35	3° \mathbb{Q} 32'51		minimum elong	-4624 Oct 19 j 20:49	23° \mathbb{P} 25'53	1°13'15
direct	-4625 Nov 16 j 23:13	0° \mathbb{Q} 57'58		min. Earth dist.	-4624 Oct 20 j 10:02	22° \mathbb{P} 40'46	0.67065 AU
morning max el	-4625 Nov 28 j 22:20	8° \mathbb{Q} 03'33	25°22'27	morning rise	-4624 Oct 25 j 04:13	17° \mathbb{P} 04'33	
desc. node	-4625 Dec 12 j 07:58	24° \mathbb{Q} 29'26		direct	-4624 Oct 30 j 10:41	14° \mathbb{P} 48'47	
	-4625 Dec 16 j 04:33	0° \mathbb{P}		morning max el	-4624 Nov 10 j 07:03	21° \mathbb{P} 17'24	23°59'08
	-4624 Jan 03 j 15:18	0° \mathbb{P}			-4624 Nov 17 j 19:39	0° \mathbb{Q}	
morning set	-4624 Jan 04 j 03:52	0° \mathbb{P} 56'33		desc. node	-4624 Nov 28 j 04:54	14° \mathbb{Q} 16'46	
max. Earth dist.	-4624 Jan 07 j 22:19	7° \mathbb{P} 53'04	1.36569 AU		-4624 Dec 08 j 11:16	0° \mathbb{P}	
				morning set	-4624 Dec 15 j 20:06	12° \mathbb{P} 12'46	
superior conj	-4624 Jan 13 j 20:43	19° \mathbb{P} 21'36	-1°40'28	max. Earth dist.	-4624 Dec 19 j 18:47	19° \mathbb{P} 06'02	1.38534 AU
minimum elong	-4624 Jan 13 j 23:30	19° \mathbb{P} 35'26	1°40'28		-4624 Dec 25 j 17:51	0° \mathbb{P}	
	-4624 Jan 19 j 03:25	0° \mathbb{B}					
evening rise	-4624 Jan 21 j 23:38	5° \mathbb{B} 46'08		superior conj	-4624 Dec 27 j 00:15	2° \mathbb{P} 23'28	-1°51'18
asc. node	-4624 Jan 26 j 08:09	14° \mathbb{B} 21'58		minimum elong	-4624 Dec 27 j 01:43	2° \mathbb{P} 30'25	1°51'27
	-4624 Feb 04 j 21:35	0° \mathbb{B}		evening rise	-4623 Jan 04 j 21:23	19° \mathbb{P} 39'03	
evening max el	-4624 Feb 08 j 12:53	4° \mathbb{B} 04'03	19°44'18		-4623 Jan 10 j 07:10	0° \mathbb{B}	
retrograde	-4624 Feb 18 j 05:16	8° \mathbb{B} 39'07		asc. node	-4623 Jan 12 j 05:11	3° \mathbb{B} 26'36	
evening set	-4624 Feb 20 j 13:31	8° \mathbb{B} 24'15		evening max el	-4623 Jan 21 j 10:26	16° \mathbb{B} 19'15	18°52'08
inferior conj	-4624 Feb 29 j 02:20	4° \mathbb{B} 21'24	2°22'46	retrograde	-4623 Jan 29 j 16:21	20° \mathbb{B} 17'16	
minimum elong	-4624 Feb 29 j 07:20	4° \mathbb{B} 13'32	2°21'11	evening set	-4623 Feb 01 j 03:09	19° \mathbb{B} 57'41	
min. Earth dist.	-4624 Mar 02 j 12:58	2° \mathbb{B} 49'33	0.56096 AU	inferior conj	-4623 Feb 08 j 22:55	15° \mathbb{B} 38'11	3°30'24
	-4624 Mar 08 j 01:44	30° \mathbb{R} \mathbb{B}		minimum elong	-4623 Feb 09 j 03:05	15° \mathbb{B} 30'37	3°29'26
morning rise	-4624 Mar 08 j 22:42	29° \mathbb{B} 42'09					

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

min. Earth dist.	-4623 Feb 12 j 04:33	13°  18'21	0.57637 AU	minimum elong	-4622 Jan 21 j 17:18	27°  29'55	4°00'47
morning rise	-4623 Feb 17 j 00:32	10°  30'29		min. Earth dist.	-4622 Jan 25 j 00:10	24°  44'32	0.59553 AU
direct	-4623 Feb 22 j 12:58	9°  17'11		morning rise	-4622 Jan 28 j 21:07	22°  02'34	
desc. node	-4623 Feb 24 j 04:21	9°  23'42		direct	-4622 Feb 04 j 08:59	20°  10'14	
morning max el	-4623 Mar 08 j 18:23	16°  40'09	25°50'42	desc. node	-4622 Feb 11 j 01:26	22°  00'43	
	-4623 Mar 19 j 15:42	0°  ≈		morning max el	-4622 Feb 18 j 14:07	27°  45'22	27°00'21
	-4623 Apr 05 j 09:11	0°  ✕			-4622 Feb 20 j 18:41	0°  ✕	
morning set	-4623 Apr 05 j 15:21	0°  ✕32'18			-4622 Mar 13 j 04:03	0°  ≈	
asc. node	-4623 Apr 10 j 04:45	10°  ✕18'47		morning set	-4622 Mar 21 j 01:23	15°  ≈28'24	
					-4622 Mar 27 j 19:41	0°  ✕	
superior conj	-4623 Apr 12 j 15:25	15°  ✕38'53	0°25'10	superior conj	-4622 Mar 28 j 03:12	0°  ✕41'04	0°00'39
minimum elong	-4623 Apr 12 j 14:20	15°  ✕32'56	0°24'52	minimum elong	-4622 Mar 28 j 03:10	0°  ✕40'56	0°00'31
max. Earth dist.	-4623 Apr 13 j 07:25	17°  ✕06'07	1.32792 AU	behind sun begin	-4622 Mar 27 j 22:10	0°  ✕13'36	
	-4623 Apr 19 j 08:09	0°  ∞		behind sun end	-4622 Mar 28 j 08:09	1°  ✕08'15	
evening rise	-4623 Apr 19 j 18:07	0°  ∞51'38		max. Earth dist.	-4622 Mar 27 j 21:03	0°  ✕07'28	1.32596 AU
	-4623 May 05 j 20:07	0°  8		asc. node	-4622 Mar 28 j 01:42	0°  ✕32'53	
evening max el	-4623 May 20 j 18:14	18°  855'49	27°02'34	evening rise	-4622 Apr 04 j 02:56	15°  ✕45'58	
desc. node	-4623 May 23 j 02:52	21°  802'46			-4622 Apr 11 j 07:22	0°  ∞	
retrograde	-4623 Jun 03 j 17:40	26°  817'42			-4622 May 02 j 02:33	0°  8	
evening set	-4623 Jun 10 j 14:07	24°  810'08		evening max el	-4622 May 02 j 17:50	0°  837'11	26°08'17
min. Earth dist.	-4623 Jun 14 j 07:42	21°  824'55	0.61155 AU	desc. node	-4622 May 10 j 00:02	6°  803'55	
inferior conj	-4623 Jun 17 j 13:28	18°  834'35	-4°13'34	retrograde	-4622 May 16 j 19:57	7°  854'37	
minimum elong	-4623 Jun 17 j 14:35	18°  832'07	4°13'21	evening set	-4622 May 22 j 21:41	6°  823'35	
morning rise	-4623 Jun 24 j 16:42	13°  843'33		min. Earth dist.	-4622 May 27 j 06:31	3°  840'28	0.59116 AU
direct	-4623 Jun 27 j 06:06	13°  816'41		inferior conj	-4622 May 30 j 15:26	1°  806'44	-4°08'51
morning max el	-4623 Jul 04 j 05:58	16°  844'07	18°03'15	minimum elong	-4622 May 30 j 13:26	1°  810'34	4°08'36
asc. node	-4623 Jul 07 j 04:29	20°  804'10			-4622 Jun 01 j 02:55	30°  ✕∞	
	-4623 Jul 13 j 15:09	0°  ∞		morning rise	-4622 Jun 07 j 07:43	26°  ∞37'35	
morning set	-4623 Jul 20 j 07:22	12°  ∞03'16		direct	-4622 Jun 09 j 19:49	26°  ∞16'01	
	-4623 Jul 30 j 04:35	0°  ∞		morning max el	-4622 Jun 17 j 14:55	29°  ∞58'50	18°29'03
superior conj	-4623 Jul 30 j 14:00	0°  ∞41'28	1°41'37		-4622 Jun 17 j 15:25	0°  8	
minimum elong	-4623 Jul 30 j 17:18	0°  ∞55'59	1°41'40	asc. node	-4622 Jun 24 j 01:30	8°  811'52	
max. Earth dist.	-4623 Aug 07 j 01:56	13°  ∞31'50	1.41888 AU	morning set	-4622 Jul 03 j 19:09	25°  840'57	
evening rise	-4623 Aug 13 j 05:22	23°  ∞32'51			-4622 Jul 06 j 01:04	0°  ∞	
	-4623 Aug 17 j 07:38	0°  ∞		superior conj	-4622 Jul 12 j 22:16	13°  ∞02'17	1°49'12
desc. node	-4623 Aug 19 j 01:49	2°  ∞43'13		minimum elong	-4622 Jul 12 j 22:49	13°  ∞04'47	1°49'25
	-4623 Sep 06 j 23:47	0°  ∞		max. Earth dist.	-4622 Jul 20 j 05:46	26°  ∞10'16	1.40014 AU
evening max el	-4623 Sep 14 j 23:08	9°  ∞27'05	22°14'24		-4622 Jul 22 j 11:11	0°  ∞	
retrograde	-4623 Sep 24 j 09:10	15°  ∞02'37		evening rise	-4622 Jul 24 j 15:31	3°  ∞40'45	
evening set	-4623 Sep 28 j 21:11	13°  ∞13'58		desc. node	-4622 Aug 05 j 22:49	23°  ∞11'30	
asc. node	-4623 Oct 03 j 03:29	8°  ∞24'25			-4622 Aug 10 j 13:34	0°  ∞	
inferior conj	-4623 Oct 04 j 04:37	6°  ∞58'09	0°21'26	evening max el	-4622 Aug 28 j 12:25	22°  ∞52'29	23°34'55
minimum elong	-4623 Oct 04 j 04:07	6°  ∞59'53	0°21'19	retrograde	-4622 Sep 08 j 01:38	29°  ∞06'44	
min. Earth dist.	-4623 Oct 04 j 05:41	6°  ∞54'29	0.67365 AU	evening set	-4622 Sep 13 j 03:52	26°  ∞58'12	
morning rise	-4623 Oct 09 j 10:56	0°  ∞43'35		inferior conj	-4622 Sep 18 j 11:07	20°  ∞39'47	-0°31'55
	-4623 Oct 10 j 10:21	30°  ✕∞		minimum elong	-4622 Sep 18 j 11:51	20°  ∞37'16	0°31'26
direct	-4623 Oct 14 j 02:26	28°  ∞49'16		min. Earth dist.	-4622 Sep 18 j 01:56	21°  ∞11'12	0.67367 AU
	-4623 Oct 18 j 02:40	0°  ∞		asc. node	-4622 Sep 20 j 00:38	18°  ∞33'32	
morning max el	-4623 Oct 23 j 18:16	4°  ∞34'37	22°32'59	morning rise	-4622 Sep 23 j 19:47	14°  ∞29'13	
	-4623 Nov 12 j 02:42	0°  ∞		direct	-4622 Sep 27 j 21:43	12°  ∞55'44	
desc. node	-4623 Nov 15 j 01:48	4°  ∞25'24		morning max el	-4622 Oct 06 j 10:59	17°  ∞58'41	21°11'54
morning set	-4623 Nov 26 j 08:31	22°  ∞06'00			-4622 Oct 16 j 03:30	0°  ∞	
	-4623 Dec 01 j 02:52	0°  ∞		desc. node	-4622 Nov 01 j 22:42	24°  ∞49'13	
max. Earth dist.	-4623 Dec 01 j 16:24	0°  ∞57'11	1.40594 AU		-4622 Nov 05 j 06:43	0°  ∞	
superior conj	-4623 Dec 09 j 10:34	14°  ∞30'48	-1°52'44	morning set	-4622 Nov 05 j 18:25	0°  ∞45'48	
minimum elong	-4623 Dec 09 j 09:21	14°  ∞25'22	1°52'52	max. Earth dist.	-4622 Nov 13 j 20:00	13°  ∞40'12	1.42464 AU
	-4623 Dec 17 j 19:30	0°  ✕		superior conj	-4622 Nov 20 j 21:57	25°  ∞29'38	-1°41'06
evening rise	-4623 Dec 19 j 09:30	2°  ✕59'00		minimum elong	-4622 Nov 20 j 17:12	25°  ∞09'21	1°40'52
asc. node	-4623 Dec 30 j 02:14	21°  ✕57'20			-4622 Nov 23 j 12:49	0°  ∞	
evening max el	-4622 Jan 04 j 15:46	29°  ✕02'32	18°20'08	evening rise	-4622 Dec 02 j 08:21	15°  ∞38'05	
	-4622 Jan 05 j 17:00	0°  ✕			-4622 Dec 10 j 11:19	0°  ✕	
retrograde	-4622 Jan 11 j 22:08	2°  ✕39'06		asc. node	-4622 Dec 16 j 23:21	9°  ✕43'29	
evening set	-4622 Jan 14 j 11:38	2°  ✕13'20		evening max el	-4622 Dec 19 j 02:09	12°  ✕05'52	18°08'04
	-4622 Jan 18 j 14:01	30°  ✕✕		retrograde	-4622 Dec 25 j 19:32	15°  ✕34'35	
inferior conj	-4622 Jan 21 j 15:57	27°  ✕32'46	4°01'07				

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4622 Dec 28 j 11:42	15°♌01'39		inferior conj	-4621 Dec 18 j 05:18	22°♍51'36	3°44'02
inferior conj	-4621 Jan 04 j 03:18	9°♌59'44	4°02'43	minimum elong	-4621 Dec 18 j 02:33	22°♍59'03	3°43'25
minimum elong	-4621 Jan 04 j 02:05	10°♌02'42	4°02'26	min. Earth dist.	-4621 Dec 20 j 15:39	20°♍13'16	0.63340 AU
min. Earth dist.	-4621 Jan 07 j 03:11	7°♌06'24	0.61532 AU	morning rise	-4621 Dec 24 j 04:32	16°♍54'26	
morning rise	-4621 Jan 10 j 15:15	4°♌13'47		direct	-4621 Dec 31 j 05:48	14°♍08'13	
direct	-4621 Jan 17 j 15:17	1°♌47'38		morning max el	-4620 Jan 13 j 23:08	21°♍51'30	27°37'49
desc. node	-4621 Jan 28 j 22:29	6°♌59'59		desc. node	-4620 Jan 15 j 19:31	23°♍45'24	
morning max el	-4621 Jan 31 j 16:10	9°♌29'33	27°37'13		-4620 Jan 21 j 03:56	0°♌	
	-4621 Feb 16 j 14:21	0°♌			-4620 Feb 09 j 16:22	0°♌	
morning set	-4621 Mar 05 j 07:29	0°♌10'00		morning set	-4620 Feb 17 j 07:17	14°♌28'45	
	-4621 Mar 05 j 05:32	0°♌		max. Earth dist.	-4620 Feb 22 j 15:26	25°♌29'06	1.33261 AU
max. Earth dist.	-4621 Mar 11 j 09:00	12°♌59'35	1.32739 AU				
				superior conj	-4620 Feb 24 j 22:42	0°♌23'39	-0°48'40
superior conj	-4621 Mar 12 j 14:11	15°♌38'00	-0°24'16	minimum elong	-4620 Feb 25 j 00:48	0°♌34'53	0°48'29
minimum elong	-4621 Mar 12 j 15:16	15°♌43'53	0°24'13		-4620 Feb 24 j 18:18	0°♌	
asc. node	-4621 Mar 14 j 22:40	20°♌45'38		asc. node	-4620 Feb 29 j 19:40	10°♌52'55	
	-4621 Mar 19 j 05:40	0°♌		evening rise	-4620 Mar 03 j 01:33	15°♌38'56	
evening rise	-4621 Mar 19 j 13:59	0°♌43'52			-4620 Mar 10 j 07:13	0°♌	
	-4621 Apr 04 j 19:54	0°♌		evening max el	-4620 Mar 26 j 03:57	22°♌25'06	23°15'57
evening max el	-4621 Apr 14 j 11:42	11°♌40'26	24°48'44	retrograde	-4620 Apr 08 j 14:52	29°♌03'24	
desc. node	-4621 Apr 26 j 21:13	18°♌40'11		evening set	-4620 Apr 12 j 03:58	28°♌35'53	
retrograde	-4621 Apr 28 j 11:50	18°♌46'13		desc. node	-4620 Apr 12 j 18:22	28°♌26'01	
evening set	-4621 May 03 j 08:11	17°♌52'28		min. Earth dist.	-4620 Apr 19 j 14:58	25°♌13'45	0.55816 AU
min. Earth dist.	-4621 May 08 j 23:57	14°♌55'32	0.57219 AU	inferior conj	-4620 Apr 21 j 08:53	24°♌11'57	-2°15'29
inferior conj	-4621 May 11 j 21:56	13°♌00'01	-3°31'50	minimum elong	-4620 Apr 21 j 03:35	24°♌19'48	2°13'58
minimum elong	-4621 May 11 j 16:51	13°♌08'27	3°30'50	morning rise	-4620 Apr 30 j 05:43	20°♌13'15	
morning rise	-4621 May 20 j 04:41	8°♌50'10		direct	-4620 May 02 j 17:07	19°♌58'15	
direct	-4621 May 22 j 15:35	8°♌32'55		morning max el	-4620 May 13 j 08:34	24°♌55'52	20°21'12
morning max el	-4621 May 31 j 16:39	12°♌45'51	19°15'03		-4620 May 17 j 21:16	0°♌	
asc. node	-4621 Jun 10 j 22:29	26°♌59'38		asc. node	-4620 May 27 j 19:28	16°♌17'51	
	-4621 Jun 12 j 14:23	0°♌		morning set	-4620 May 31 j 21:12	24°♌22'33	
morning set	-4621 Jun 17 j 16:44	9°♌49'55			-4620 Jun 03 j 15:06	0°♌	
				superior conj	-4620 Jun 08 j 15:07	10°♌13'51	1°36'16
superior conj	-4621 Jun 26 j 00:18	26°♌17'49	1°46'31	minimum elong	-4620 Jun 08 j 12:38	10°♌01'19	1°36'11
minimum elong	-4621 Jun 25 j 22:51	26°♌10'47	1°46'38	max. Earth dist.	-4620 Jun 13 j 12:29	19°♌54'39	1.36313 AU
	-4621 Jun 27 j 22:26	0°♌		evening rise	-4620 Jun 17 j 14:58	27°♌39'43	
max. Earth dist.	-4621 Jul 02 j 07:00	8°♌09'07	1.38076 AU		-4620 Jun 18 j 21:37	0°♌	
evening rise	-4621 Jul 06 j 03:59	15°♌06'06			-4620 Jul 07 j 08:56	0°♌	
	-4621 Jul 15 j 01:08	0°♌		desc. node	-4620 Jul 09 j 16:59	3°♌18'02	
desc. node	-4621 Jul 23 j 19:54	13°♌25'26		evening max el	-4620 Jul 23 j 10:03	19°♌51'59	26°03'47
	-4621 Aug 05 j 04:57	0°♌		retrograde	-4620 Aug 04 j 22:15	27°♌01'07	
evening max el	-4621 Aug 10 j 23:15	6°♌21'04	24°54'04	evening set	-4620 Aug 11 j 05:55	24°♌19'46	
retrograde	-4621 Aug 22 j 14:16	13°♌08'09		min. Earth dist.	-4620 Aug 15 j 10:29	19°♌45'55	0.66418 AU
evening set	-4621 Aug 28 j 07:29	10°♌41'07		inferior conj	-4620 Aug 16 j 18:08	18°♌06'17	-2°14'36
min. Earth dist.	-4621 Sep 01 j 20:22	5°♌29'27	0.67057 AU	minimum elong	-4620 Aug 16 j 21:05	17°♌57'00	2°13'20
inferior conj	-4621 Sep 02 j 16:15	4°♌23'32	-1°24'29	morning rise	-4620 Aug 22 j 12:23	12°♌13'13	
minimum elong	-4621 Sep 02 j 18:11	4°♌17'06	1°23'30	asc. node	-4620 Aug 23 j 18:53	11°♌35'24	
	-4621 Sep 06 j 06:46	30°♌		direct	-4620 Aug 25 j 17:35	11°♌13'36	
asc. node	-4621 Sep 06 j 21:46	29°♌23'24		morning max el	-4620 Sep 01 j 17:17	15°♌11'13	19°05'15
morning rise	-4621 Sep 08 j 04:54	28°♌20'03			-4620 Sep 12 j 16:53	0°♌	
direct	-4621 Sep 11 j 19:19	27°♌05'02		morning set	-4620 Sep 24 j 03:18	17°♌53'06	
	-4621 Sep 17 j 20:25	0°♌			-4620 Oct 01 j 19:55	0°♌	
morning max el	-4621 Sep 19 j 10:46	1°♌31'21	20°01'31	desc. node	-4620 Oct 05 j 16:33	6°♌04'29	
	-4621 Oct 09 j 20:51	0°♌		max. Earth dist.	-4620 Oct 08 j 22:46	11°♌12'45	1.44682 AU
morning set	-4621 Oct 15 j 16:59	8°♌59'53					
desc. node	-4621 Oct 19 j 19:37	15°♌23'43		superior conj	-4620 Oct 10 j 13:51	13°♌47'09	-0°30'32
max. Earth dist.	-4621 Oct 27 j 06:39	27°♌10'27	1.43888 AU	minimum elong	-4620 Oct 10 j 09:59	13°♌31'51	0°29'57
	-4621 Oct 29 j 01:00	0°♌			-4620 Oct 20 j 17:41	0°♌	
superior conj	-4621 Nov 01 j 06:08	5°♌11'42	-1°13'24	evening rise	-4620 Oct 25 j 20:15	8°♌17'04	
minimum elong	-4621 Oct 31 j 23:22	4°♌44'10	1°12'41		-4620 Nov 08 j 09:15	0°♌	
evening rise	-4621 Nov 14 j 13:32	27°♌27'33		evening max el	-4620 Nov 15 j 03:01	8°♌46'34	18°40'27
	-4621 Nov 16 j 01:07	0°♌		asc. node	-4620 Nov 19 j 17:38	12°♌07'48	
evening max el	-4621 Dec 02 j 14:50	25°♌22'43	18°15'10	retrograde	-4620 Nov 21 j 19:59	12°♌31'59	
asc. node	-4621 Dec 03 j 20:29	26°♌32'13		evening set	-4620 Nov 24 j 20:48	11°♌40'10	
retrograde	-4621 Dec 09 j 04:08	28°♌54'54		inferior conj	-4620 Nov 30 j 18:13	6°♌00'42	3°11'43
evening set	-4621 Dec 11 j 23:53	28°♌13'26		minimum elong	-4620 Nov 30 j 14:59	6°♌10'21	3°10'47

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

min. Earth dist.	-4620 Dec 02 j 13:52	3° \mathbb{M} 50'27	0.64836 AU	inferior conj	-4619 Nov 14 j 15:00	19° $\underline{\mathbf{a}}$ 22'16	2°30'21
morning rise	-4620 Dec 06 j 08:47	29° $\underline{\mathbf{a}}$ 55'10		minimum elong	-4619 Nov 14 j 12:02	19° $\underline{\mathbf{a}}$ 31'47	2°29'19
	-4620 Dec 06 j 06:31	30° \mathbb{R} $\underline{\mathbf{a}}$		min. Earth dist.	-4619 Nov 15 j 20:58	17° $\underline{\mathbf{a}}$ 46'15	0.65970 AU
direct	-4620 Dec 13 j 02:58	27° $\underline{\mathbf{a}}$ 04'19		morning rise	-4619 Nov 20 j 00:08	13° $\underline{\mathbf{a}}$ 10'40	
	-4620 Dec 20 j 20:33	0° \mathbb{M}		direct	-4619 Nov 26 j 05:58	10° $\underline{\mathbf{a}}$ 27'40	
morning max el	-4620 Dec 26 j 08:27	4° \mathbb{M} 41'20	27°04'57	morning max el	-4619 Dec 08 j 18:01	17° $\underline{\mathbf{a}}$ 48'01	26°05'21
desc. node	-4619 Jan 01 j 16:31	11° \mathbb{M} 45'59			-4619 Dec 19 j 01:36	0° \mathbb{M}	
	-4619 Jan 14 j 17:01	0° \mathbb{X}		desc. node	-4619 Dec 19 j 13:31	0° \mathbb{M} 39'48	
morning set	-4619 Jan 30 j 21:41	28° \mathbb{X} 14'12			-4618 Jan 07 j 15:49	0° \mathbb{X}	
	-4619 Jan 31 j 19:26	0° \mathbb{Z}		morning set	-4618 Jan 13 j 22:34	11° \mathbb{X} 14'16	
max. Earth dist.	-4619 Feb 04 j 12:41	7° \mathbb{Z} 25'43	1.34202 AU	max. Earth dist.	-4618 Jan 17 j 22:37	18° \mathbb{X} 50'01	1.35590 AU
superior conj	-4619 Feb 08 j 02:46	14° \mathbb{Z} 51'05	-1°11'27	superior conj	-4618 Jan 22 j 23:57	28° \mathbb{X} 52'53	-1°31'13
minimum elong	-4619 Feb 08 j 05:36	15° \mathbb{Z} 05'54	1°11'14	minimum elong	-4618 Jan 23 j 02:59	29° \mathbb{X} 08'18	1°31'06
evening rise	-4619 Feb 15 j 11:51	0° \approx 24'45			-4618 Jan 23 j 13:09	0° \mathbb{Z}	
	-4619 Feb 15 j 07:06	0° \approx		evening rise	-4618 Jan 30 j 19:03	14° \mathbb{Z} 55'23	
asc. node	-4619 Feb 15 j 16:42	0° \approx 49'58		asc. node	-4618 Feb 02 j 13:44	20° \mathbb{Z} 31'47	
	-4619 Mar 04 j 22:15	0° \mathbb{X}			-4618 Feb 07 j 14:41	0° \approx	
evening max el	-4619 Mar 08 j 00:25	3° \mathbb{X} 16'56	21°43'44	evening max el	-4618 Feb 18 j 05:47	14° \approx 36'36	20°22'54
retrograde	-4619 Mar 20 j 06:41	9° \mathbb{X} 11'02		retrograde	-4618 Feb 28 j 21:12	19° \approx 39'36	
evening set	-4619 Mar 22 j 22:36	8° \mathbb{X} 55'09		evening set	-4618 Mar 03 j 05:30	19° \approx 25'54	
desc. node	-4619 Mar 30 j 15:30	5° \mathbb{X} 46'46		inferior conj	-4618 Mar 12 j 03:17	15° \approx 27'17	1°27'15
inferior conj	-4619 Apr 01 j 06:23	4° \mathbb{X} 52'29	-0°26'48	minimum elong	-4618 Mar 12 j 06:56	15° \approx 21'53	1°25'55
minimum elong	-4619 Apr 01 j 05:08	4° \mathbb{X} 54'15	0°26'28	min. Earth dist.	-4618 Mar 13 j 19:00	14° \approx 28'44	0.55512 AU
min. Earth dist.	-4619 Apr 01 j 05:02	4° \mathbb{X} 54'23	0.55200 AU	desc. node	-4618 Mar 17 j 12:38	12° \approx 28'20	
morning rise	-4619 Apr 10 j 12:12	0° \mathbb{X} 50'47		morning rise	-4618 Mar 21 j 06:49	11° \approx 05'04	
direct	-4619 Apr 13 j 06:52	0° \mathbb{X} 33'39		direct	-4618 Mar 24 j 20:39	10° \approx 37'09	
morning max el	-4619 Apr 25 j 13:29	6° \mathbb{X} 23'54	21°45'38	morning max el	-4618 Apr 07 j 09:04	17° \approx 15'47	23°22'20
	-4619 May 11 j 15:59	0° \mathbb{Y}			-4618 Apr 17 j 14:23	0° \mathbb{X}	
asc. node	-4619 May 14 j 16:28	5° \mathbb{Y} 58'49		morning set	-4618 Apr 30 j 17:42	24° \mathbb{X} 11'50	
morning set	-4619 May 16 j 06:12	9° \mathbb{Y} 12'19		asc. node	-4618 May 01 j 13:25	25° \mathbb{X} 55'25	
					-4618 May 03 j 11:28	0° \mathbb{Y}	
superior conj	-4619 May 23 j 14:55	24° \mathbb{Y} 39'24	1°20'34	superior conj	-4618 May 07 j 20:43	9° \mathbb{Y} 24'24	1°01'01
minimum elong	-4619 May 23 j 12:12	24° \mathbb{Y} 25'13	1°20'18	minimum elong	-4618 May 07 j 18:21	9° \mathbb{Y} 11'43	1°00'38
	-4619 May 26 j 04:54	0° \mathbb{Z}		max. Earth dist.	-4618 May 10 j 03:31	14° \mathbb{Y} 15'23	1.33770 AU
max. Earth dist.	-4619 May 27 j 03:08	1° \mathbb{Z} 53'16	1.34860 AU	evening rise	-4618 May 15 j 11:19	25° \mathbb{Y} 11'27	
evening rise	-4619 May 31 j 19:01	11° \mathbb{Z} 06'34			-4618 May 17 j 22:15	0° \mathbb{Z}	
	-4619 Jun 11 j 07:39	0° \mathbb{I}			-4618 Jun 04 j 18:50	0° \mathbb{I}	
desc. node	-4619 Jun 26 j 14:04	22° \mathbb{I} 40'17		desc. node	-4618 Jun 13 j 11:10	11° \mathbb{I} 18'34	
	-4619 Jul 02 j 16:34	0° \mathbb{E}		evening max el	-4618 Jun 18 j 08:14	16° \mathbb{I} 30'23	27°22'53
evening max el	-4619 Jul 05 j 21:27	3° \mathbb{E} 19'08	26°55'49	retrograde	-4618 Jul 01 j 22:14	23° \mathbb{I} 55'17	
retrograde	-4619 Jul 19 j 01:00	10° \mathbb{E} 39'48		evening set	-4618 Jul 09 j 01:06	21° \mathbb{I} 11'43	
evening set	-4619 Jul 25 j 20:48	7° \mathbb{E} 51'42		min. Earth dist.	-4618 Jul 12 j 16:29	17° \mathbb{I} 51'44	0.64026 AU
min. Earth dist.	-4619 Jul 29 j 17:52	3° \mathbb{E} 56'23	0.65416 AU	inferior conj	-4618 Jul 15 j 03:33	15° \mathbb{I} 14'56	-3°38'33
inferior conj	-4619 Jul 31 j 14:44	1° \mathbb{E} 45'17	-3°00'12	minimum elong	-4618 Jul 15 j 07:03	15° \mathbb{I} 05'36	3°37'37
minimum elong	-4619 Jul 31 j 18:19	1° \mathbb{E} 34'50	2°58'56	morning rise	-4618 Jul 21 j 13:45	9° \mathbb{I} 52'33	
	-4619 Aug 02 j 03:29	30° \mathbb{R} \mathbb{I}		direct	-4618 Jul 24 j 07:09	9° \mathbb{I} 14'53	
morning rise	-4619 Aug 06 j 16:10	26° \mathbb{I} 05'57		asc. node	-4618 Jul 28 j 13:02	10° \mathbb{I} 45'28	
direct	-4619 Aug 09 j 14:25	25° \mathbb{I} 18'40		morning max el	-4618 Jul 30 j 19:23	12° \mathbb{I} 41'04	18°02'08
asc. node	-4619 Aug 10 j 15:58	25° \mathbb{I} 24'53			-4618 Aug 11 j 17:11	0° \mathbb{E}	
morning max el	-4619 Aug 16 j 04:58	28° \mathbb{I} 56'08	18°25'04	morning set	-4618 Aug 17 j 05:35	9° \mathbb{E} 26'03	
	-4619 Aug 17 j 04:54	0° \mathbb{E}			-4618 Aug 29 j 11:24	0° \mathbb{Q}	
morning set	-4619 Sep 04 j 15:15	28° \mathbb{E} 02'05		superior conj	-4618 Aug 30 j 03:40	1° \mathbb{Q} 06'26	1°02'03
	-4619 Sep 05 j 20:06	0° \mathbb{Q}		minimum elong	-4618 Aug 30 j 09:30	1° \mathbb{Q} 30'13	1°01'36
superior conj	-4619 Sep 19 j 13:30	22° \mathbb{Q} 04'04	0°18'53	max. Earth dist.	-4618 Sep 04 j 09:54	9° \mathbb{Q} 35'29	1.44103 AU
minimum elong	-4619 Sep 19 j 15:55	22° \mathbb{Q} 13'36	0°18'42	desc. node	-4618 Sep 09 j 10:26	17° \mathbb{Q} 32'20	
max. Earth dist.	-4619 Sep 21 j 17:07	25° \mathbb{Q} 28'05	1.44754 AU	evening rise	-4618 Sep 15 j 10:45	26° \mathbb{Q} 54'13	
desc. node	-4619 Sep 22 j 13:30	26° \mathbb{Q} 48'29			-4618 Sep 17 j 10:56	0° \mathbb{M}	
	-4619 Sep 24 j 14:08	0° \mathbb{M}			-4618 Oct 07 j 21:07	0° $\underline{\mathbf{a}}$	
evening rise	-4619 Oct 06 j 01:50	18° \mathbb{M} 02'08		evening max el	-4618 Oct 12 j 16:15	5° $\underline{\mathbf{a}}$ 39'38	20°20'11
	-4619 Oct 13 j 17:08	0° $\underline{\mathbf{a}}$		retrograde	-4618 Oct 20 j 13:07	10° $\underline{\mathbf{a}}$ 17'19	
greatest brilliancy	-4619 Oct 16 j 08:52	4° $\underline{\mathbf{a}}$ 07'08	-0.8m	evening set	-4618 Oct 24 j 06:06	8° $\underline{\mathbf{a}}$ 57'40	
evening max el	-4619 Oct 29 j 12:11	22° $\underline{\mathbf{a}}$ 13'13	19°22'41	asc. node	-4618 Oct 24 j 11:54	8° $\underline{\mathbf{a}}$ 46'54	
retrograde	-4619 Nov 05 j 15:51	26° $\underline{\mathbf{a}}$ 20'49		inferior conj	-4618 Oct 29 j 17:04	2° $\underline{\mathbf{a}}$ 52'23	1°43'00
asc. node	-4619 Nov 06 j 14:46	26° $\underline{\mathbf{a}}$ 15'33		minimum elong	-4618 Oct 29 j 14:51	2° $\underline{\mathbf{a}}$ 59'51	1°42'08
evening set	-4619 Nov 08 j 23:41	25° $\underline{\mathbf{a}}$ 16'20					

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

min. Earth dist.	-4618 Oct 30 j 10:57	1° Ω 52'20	0.66753 AU	asc. node	-4617 Oct 11 j 09:03	19° \mathbb{M} 50'40	
	-4618 Oct 31 j 21:16	30° \mathbb{R} \mathbb{M}		inferior conj	-4617 Oct 13 j 22:17	16° \mathbb{M} 28'15	0°51'51
morning rise	-4618 Nov 03 j 23:24	26° \mathbb{M} 37'14		minimum elong	-4617 Oct 13 j 21:06	16° \mathbb{M} 32'19	0°51'25
direct	-4618 Nov 09 j 14:30	24° \mathbb{M} 10'17		min. Earth dist.	-4617 Oct 14 j 05:20	16° \mathbb{M} 03'59	0.67225 AU
	-4618 Nov 20 j 01:50	0° Ω		morning rise	-4617 Oct 19 j 04:02	10° \mathbb{M} 12'24	
morning max el	-4618 Nov 21 j 02:58	1° Ω 01'39	24°47'56	direct	-4617 Oct 24 j 03:56	8° \mathbb{M} 05'38	
desc. node	-4618 Dec 06 j 10:29	20° Ω 11'08		morning max el	-4617 Nov 03 j 12:24	14° \mathbb{M} 16'57	23°22'15
	-4618 Dec 13 j 01:46	0° \mathbb{M}			-4617 Nov 16 j 05:52	0° Ω	
morning set	-4618 Dec 27 j 04:35	23° \mathbb{M} 13'56		desc. node	-4617 Nov 23 j 07:23	10° Ω 08'26	
	-4618 Dec 30 j 22:47	0° \mathbb{A}			-4617 Dec 06 j 00:34	0° \mathbb{M}	
max. Earth dist.	-4618 Dec 30 j 22:28	29° \mathbb{M} 58'35	1.37375 AU	morning set	-4617 Dec 08 j 09:28	3° \mathbb{M} 56'04	
				max. Earth dist.	-4617 Dec 12 j 18:03	11° \mathbb{M} 22'34	1.39411 AU
superior conj	-4617 Jan 06 j 11:05	12° \mathbb{A} 20'07	-1°46'01				
minimum elong	-4617 Jan 06 j 13:28	12° \mathbb{A} 31'44	1°46'05	superior conj	-4617 Dec 20 j 07:56	25° \mathbb{M} 00'27	-1°53'16
evening rise	-4617 Jan 14 j 21:00	29° \mathbb{A} 04'33		minimum elong	-4617 Dec 20 j 08:26	25° \mathbb{M} 02'46	1°53'27
	-4617 Jan 15 j 08:08	0° \mathbb{B}			-4617 Dec 22 j 23:50	0° \mathbb{A}	
asc. node	-4617 Jan 20 j 10:46	9° \mathbb{B} 52'34		evening rise	-4617 Dec 29 j 15:03	12° \mathbb{A} 44'18	
evening max el	-4617 Jan 31 j 21:45	26° \mathbb{B} 32'46	19°19'38	asc. node	-4616 Jan 07 j 07:51	28° \mathbb{A} 44'12	
	-4617 Feb 05 j 21:50	0° \approx			-4616 Jan 08 j 02:21	0° \mathbb{B}	
retrograde	-4617 Feb 09 j 22:37	0° \approx 50'43		evening max el	-4616 Jan 14 j 22:59	9° \mathbb{B} 01'15	18°36'06
evening set	-4617 Feb 12 j 07:34	0° \approx 34'15		retrograde	-4616 Jan 22 j 17:36	12° \mathbb{B} 48'09	
	-4617 Feb 14 j 04:12	30° \mathbb{R} \mathbb{B}		evening set	-4616 Jan 25 j 05:31	12° \mathbb{B} 26'11	
inferior conj	-4617 Feb 20 j 13:05	26° \mathbb{B} 25'08	2°56'16	inferior conj	-4616 Feb 01 j 18:27	7° \mathbb{B} 58'21	3°47'31
minimum elong	-4617 Feb 20 j 18:09	26° \mathbb{B} 16'41	2°54'50	minimum elong	-4616 Feb 01 j 21:30	7° \mathbb{B} 52'27	3°46'54
min. Earth dist.	-4617 Feb 23 j 09:54	24° \mathbb{B} 30'57	0.56675 AU	min. Earth dist.	-4616 Feb 05 j 03:07	5° \mathbb{B} 23'18	0.58425 AU
morning rise	-4617 Mar 01 j 02:06	21° \mathbb{B} 32'58		morning rise	-4616 Feb 09 j 11:09	2° \mathbb{B} 39'59	
desc. node	-4617 Mar 04 j 09:46	20° \mathbb{B} 45'12		direct	-4616 Feb 15 j 10:53	1° \mathbb{B} 09'49	
direct	-4617 Mar 05 j 21:06	20° \mathbb{B} 40'07		desc. node	-4616 Feb 19 j 06:52	1° \mathbb{B} 46'01	
morning max el	-4617 Mar 20 j 00:16	27° \mathbb{B} 52'24	24°59'55	morning max el	-4616 Feb 29 j 16:51	8° \mathbb{B} 39'41	26°23'42
	-4617 Mar 22 j 02:29	0° \approx			-4616 Mar 16 j 19:40	0° \approx	
	-4617 Apr 10 j 16:40	0° \mathbb{H}		morning set	-4616 Mar 29 j 17:17	24° \approx 15'06	
morning set	-4617 Apr 15 j 05:58	9° \mathbb{H} 15'05			-4616 Apr 01 j 10:14	0° \mathbb{H}	
asc. node	-4617 Apr 18 j 10:23	16° \mathbb{H} 02'35		asc. node	-4616 Apr 04 j 07:20	6° \mathbb{H} 15'08	
superior conj	-4617 Apr 22 j 06:18	24° \mathbb{H} 21'29	0°38'48	superior conj	-4616 Apr 05 j 17:45	9° \mathbb{H} 23'18	0°14'53
minimum elong	-4617 Apr 22 j 04:40	24° \mathbb{H} 12'37	0°38'27	minimum elong	-4616 Apr 05 j 17:06	9° \mathbb{H} 19'45	0°14'38
max. Earth dist.	-4617 Apr 23 j 11:36	27° \mathbb{H} 00'14	1.33046 AU	behind sun begin	-4616 Apr 05 j 15:15	9° \mathbb{H} 09'36	
	-4617 Apr 24 j 21:00	0° \mathbb{Y}		behind sun end	-4616 Apr 05 j 18:57	9° \mathbb{H} 29'54	
evening rise	-4617 Apr 29 j 12:11	9° \mathbb{Y} 43'03		max. Earth dist.	-4616 Apr 06 j 00:07	9° \mathbb{H} 58'04	1.32666 AU
	-4617 May 10 j 06:34	0° \mathbb{B}		evening rise	-4616 Apr 12 j 18:46	24° \mathbb{H} 31'11	
desc. node	-4617 May 31 j 08:16	28° \mathbb{B} 54'12			-4616 Apr 15 j 11:12	0° \mathbb{Y}	
evening max el	-4617 May 31 j 16:20	29° \mathbb{B} 13'41	27°19'26		-4616 May 03 j 04:16	0° \mathbb{B}	
	-4617 Jun 01 j 12:05	0° \mathbb{I}		evening max el	-4616 May 12 j 19:36	11° \mathbb{B} 19'11	26°43'13
retrograde	-4617 Jun 14 j 13:20	6° \mathbb{I} 38'15		desc. node	-4616 May 17 j 05:25	15° \mathbb{B} 01'01	
evening set	-4617 Jun 21 j 15:06	4° \mathbb{I} 13'25		retrograde	-4616 May 26 j 20:59	18° \mathbb{B} 40'04	
min. Earth dist.	-4617 Jun 25 j 05:25	1° \mathbb{I} 19'31	0.62275 AU	evening set	-4616 Jun 02 j 10:42	16° \mathbb{B} 47'27	
	-4617 Jun 26 j 15:27	30° \mathbb{R} \mathbb{B}		min. Earth dist.	-4616 Jun 06 j 09:05	14° \mathbb{B} 04'55	0.60281 AU
inferior conj	-4617 Jun 28 j 05:35	28° \mathbb{B} 28'54	-4°05'34	inferior conj	-4616 Jun 09 j 17:23	11° \mathbb{B} 18'54	-4°14'57
minimum elong	-4617 Jun 28 j 07:58	28° \mathbb{B} 23'14	4°05'07	minimum elong	-4616 Jun 09 j 17:18	11° \mathbb{B} 19'05	4°14'47
morning rise	-4617 Jul 05 j 02:09	23° \mathbb{B} 25'59		morning rise	-4616 Jun 17 j 01:57	6° \mathbb{B} 37'07	
direct	-4617 Jul 07 j 16:28	22° \mathbb{B} 55'47		direct	-4616 Jun 19 j 14:36	6° \mathbb{B} 12'43	
morning max el	-4617 Jul 14 j 09:53	26° \mathbb{B} 20'00	17°57'24	morning max el	-4616 Jun 26 j 21:38	9° \mathbb{B} 45'33	18°11'48
asc. node	-4617 Jul 15 j 10:05	27° \mathbb{B} 22'52		asc. node	-4616 Jul 01 j 07:06	15° \mathbb{B} 01'29	
	-4617 Jul 17 j 13:50	0° \mathbb{I}			-4616 Jul 10 j 04:18	0° \mathbb{I}	
morning set	-4617 Jul 30 j 17:37	21° \mathbb{I} 52'06		morning set	-4616 Jul 12 j 22:05	5° \mathbb{I} 07'01	
	-4617 Aug 04 j 06:39	0° \mathbb{E}					
superior conj	-4617 Aug 10 j 20:34	11° \mathbb{E} 28'25	1°31'25	superior conj	-4616 Jul 22 j 15:54	23° \mathbb{I} 09'27	1°46'17
minimum elong	-4617 Aug 11 j 01:25	11° \mathbb{E} 49'07	1°31'15	minimum elong	-4616 Jul 22 j 17:59	23° \mathbb{I} 18'47	1°46'26
max. Earth dist.	-4617 Aug 17 j 22:04	23° \mathbb{E} 16'25	1.42830 AU		-4616 Jul 26 j 12:31	0° \mathbb{E}	
	-4617 Aug 22 j 02:04	0° \mathbb{Q}		max. Earth dist.	-4616 Jul 30 j 04:39	6° \mathbb{E} 18'53	1.41110 AU
evening rise	-4617 Aug 25 j 15:05	5° \mathbb{Q} 35'54		evening rise	-4616 Aug 04 j 10:56	15° \mathbb{E} 02'43	
desc. node	-4617 Aug 27 j 07:22	8° \mathbb{Q} 12'59		desc. node	-4616 Aug 13 j 04:22	28° \mathbb{E} 47'07	
	-4617 Sep 10 j 19:51	0° \mathbb{M}			-4616 Aug 13 j 23:31	0° \mathbb{Q}	
evening max el	-4617 Sep 25 j 14:06	19° \mathbb{M} 04'45	21°30'09		-4616 Sep 04 j 21:50	0° \mathbb{M}	
retrograde	-4617 Oct 04 j 09:37	24° \mathbb{M} 18'32		evening max el	-4616 Sep 07 j 06:11	2° \mathbb{M} 30'17	22°48'27
evening set	-4617 Oct 08 j 14:01	22° \mathbb{M} 41'12		retrograde	-4616 Sep 17 j 03:51	8° \mathbb{M} 22'35	
				evening set	-4616 Sep 21 j 21:39	6° \mathbb{M} 25'46	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

inferior conj	-4616 Sep 27 j 04:50	0° \mathbb{M} 08'34	-0°01'09			-4615 Aug 07 j 15:16	0° \mathcal{Q}	
minimum elong	-4616 Sep 27 j 04:51	0° \mathbb{M} 08'30	0°01'01	evening max el	-4615 Aug 20 j 18:16	15° \mathcal{Q} 57'15	24°09'19	
transit middle	-4616 Sep 27 j 04:51	0° \mathbb{M} 08'30	0°01'01	retrograde	-4615 Aug 31 j 18:36	22° \mathcal{Q} 25'49		
transit begin	-4616 Sep 27 j 02:09	0° \mathbb{M} 17'48		evening set	-4615 Sep 06 j 03:15	20° \mathcal{Q} 09'10		
transit end	-4616 Sep 27 j 07:32	29° \mathcal{Q} 59'12		inferior conj	-4615 Sep 11 j 10:56	13° \mathcal{Q} 51'00	-0°54'23	
min. Earth dist.	-4616 Sep 27 j 01:38	0° \mathbb{M} 19'35	0.67400 AU	minimum elong	-4615 Sep 11 j 12:12	13° \mathcal{Q} 46'45	0°53'40	
asc. node	-4616 Sep 27 j 06:11	0° \mathbb{M} 03'53		min. Earth dist.	-4615 Sep 10 j 21:21	14° \mathcal{Q} 37'00	0.67275 AU	
	-4616 Sep 27 j 07:19	30° \mathcal{R} \mathcal{Q}		asc. node	-4615 Sep 14 j 03:19	10° \mathcal{Q} 23'16		
morning rise	-4616 Oct 02 j 11:55	23° \mathcal{Q} 55'08		morning rise	-4615 Sep 16 j 21:06	7° \mathcal{Q} 43'09		
direct	-4616 Oct 06 j 21:31	22° \mathcal{Q} 09'38		direct	-4615 Sep 20 j 17:59	6° \mathcal{Q} 17'42		
morning max el	-4616 Oct 16 j 01:29	27° \mathcal{Q} 36'31	21°57'27	morning max el	-4615 Sep 28 j 21:04	11° \mathcal{Q} 03'40	20°40'28	
	-4616 Oct 18 j 06:38	0° \mathbb{M}			-4615 Oct 13 j 06:11	0° \mathbb{M}		
	-4616 Nov 08 j 21:52	0° \mathcal{Q}		desc. node	-4615 Oct 27 j 01:14	20° \mathbb{M} 53'25		
desc. node	-4616 Nov 09 j 04:19	0° \mathcal{Q} 24'34		morning set	-4615 Oct 27 j 12:11	21° \mathbb{M} 35'55		
morning set	-4616 Nov 17 j 09:46	13° \mathcal{Q} 15'09			-4615 Nov 01 j 20:36	0° \mathcal{Q}		
max. Earth dist.	-4616 Nov 23 j 17:35	23° \mathcal{Q} 34'35	1.41435 AU	max. Earth dist.	-4615 Nov 06 j 00:49	6° \mathcal{Q} 41'08	1.43145 AU	
	-4616 Nov 27 j 12:52	0° \mathbb{M}						
superior conj	-4616 Dec 01 j 09:17	6° \mathbb{M} 41'03	-1°49'37	superior conj	-4615 Nov 12 j 09:27	17° \mathcal{Q} 07'51	-1°31'25	
minimum elong	-4616 Dec 01 j 06:36	6° \mathbb{M} 29'14	1°49'38	minimum elong	-4615 Nov 12 j 03:26	16° \mathcal{Q} 42'44	1°30'57	
evening rise	-4616 Dec 11 j 22:02	25° \mathbb{M} 47'58		evening rise	-4615 Nov 19 j 22:43	0° \mathbb{M}		
	-4616 Dec 14 j 04:37	0° \mathcal{X}			-4615 Dec 07 j 15:31	0° \mathcal{X}		
asc. node	-4616 Dec 24 j 04:56	16° \mathcal{X} 57'32		asc. node	-4615 Dec 11 j 02:03	4° \mathcal{X} 20'59		
evening max el	-4616 Dec 28 j 06:56	21° \mathcal{X} 54'32	18°12'35	evening max el	-4615 Dec 11 j 18:39	5° \mathcal{X} 04'29	18°08'43	
retrograde	-4615 Jan 04 j 06:21	25° \mathcal{X} 25'45		retrograde	-4615 Dec 18 j 09:07	8° \mathcal{X} 33'14		
evening set	-4615 Jan 06 j 21:04	24° \mathcal{X} 56'56		evening set	-4615 Dec 21 j 02:46	7° \mathcal{X} 56'42		
inferior conj	-4615 Jan 13 j 19:40	20° \mathcal{X} 07'18	4°04'42	inferior conj	-4615 Dec 27 j 13:43	2° \mathcal{X} 45'47	3°56'48	
minimum elong	-4615 Jan 13 j 19:49	20° \mathcal{X} 06'58	4°04'29	minimum elong	-4615 Dec 27 j 11:43	2° \mathcal{X} 50'54	3°56'24	
min. Earth dist.	-4615 Jan 17 j 01:25	17° \mathcal{X} 14'08	0.60416 AU		-4615 Dec 30 j 06:52	30° \mathcal{R} \mathbb{M}		
morning rise	-4615 Jan 20 j 17:03	14° \mathcal{X} 30'01		min. Earth dist.	-4615 Dec 30 j 08:03	29° \mathbb{M} 57'07	0.62339 AU	
direct	-4615 Jan 27 j 11:47	12° \mathcal{X} 21'49		morning rise	-4614 Jan 02 j 19:46	26° \mathbb{M} 54'45		
desc. node	-4615 Feb 05 j 03:58	15° \mathcal{X} 27'44		direct	-4614 Jan 09 j 21:30	24° \mathbb{M} 18'34		
morning max el	-4615 Feb 10 j 15:01	19° \mathcal{X} 59'47	27°20'14		-4614 Jan 21 j 15:24	0° \mathcal{X}		
	-4615 Feb 19 j 05:38	0° \mathcal{Z}		desc. node	-4614 Jan 23 j 01:02	1° \mathcal{X} 16'31		
	-4615 Mar 09 j 13:04	0° \approx		morning max el	-4614 Jan 23 j 19:27	2° \mathcal{X} 00'51	27°41'53	
morning set	-4615 Mar 14 j 01:53	9° \approx 05'26			-4614 Feb 13 j 11:11	0° \mathcal{Z}		
max. Earth dist.	-4615 Mar 20 j 13:29	22° \approx 56'48	1.32620 AU	morning set	-4614 Feb 26 j 05:41	23° \mathcal{Z} 38'45		
					-4614 Mar 01 j 07:27	0° \approx		
superior conj	-4615 Mar 21 j 05:24	24° \approx 23'43	-0°09'56	max. Earth dist.	-4614 Mar 03 j 23:49	5° \approx 42'19	1.32919 AU	
minimum elong	-4615 Mar 21 j 05:51	24° \approx 26'10	0°10'00					
behind sun begin	-4615 Mar 21 j 01:56	24° \approx 04'46		superior conj	-4614 Mar 05 j 15:36	9° \approx 16'55	-0°34'44	
behind sun end	-4615 Mar 21 j 09:46	24° \approx 47'35		minimum elong	-4614 Mar 05 j 17:08	9° \approx 25'13	0°34'37	
asc. node	-4615 Mar 22 j 04:19	26° \approx 29'00		asc. node	-4614 Mar 09 j 01:19	16° \approx 40'13		
	-4615 Mar 23 j 18:58	0° \mathcal{H}		evening rise	-4614 Mar 12 j 16:20	24° \approx 25'56		
evening rise	-4615 Mar 28 j 04:47	9° \mathcal{H} 27'50			-4614 Mar 15 j 08:56	0° \mathcal{H}		
	-4615 Apr 07 j 21:30	0° \mathcal{Y}			-4614 Apr 02 j 23:21	0° \mathcal{Y}		
evening max el	-4615 Apr 24 j 16:46	22° \mathcal{Y} 43'23	25°36'56	evening max el	-4614 Apr 06 j 09:19	3° \mathcal{Y} 36'03	24°09'57	
desc. node	-4615 May 04 j 02:36	29° \mathcal{Y} 04'43		retrograde	-4614 Apr 20 j 05:03	10° \mathcal{Y} 32'02		
retrograde	-4615 May 08 j 18:52	29° \mathcal{Y} 56'22		desc. node	-4614 Apr 20 j 23:45	10° \mathcal{Y} 30'39		
evening set	-4615 May 14 j 08:57	28° \mathcal{Y} 42'11		evening set	-4614 Apr 24 j 11:58	9° \mathcal{Y} 51'03		
min. Earth dist.	-4615 May 19 j 05:16	25° \mathcal{Y} 54'44	0.58270 AU	min. Earth dist.	-4614 Apr 30 j 21:06	6° \mathcal{Y} 45'01	0.56546 AU	
inferior conj	-4615 May 22 j 11:21	23° \mathcal{Y} 35'14	-3°57'42	inferior conj	-4614 May 03 j 09:18	5° \mathcal{Y} 11'02	-3°04'18	
minimum elong	-4615 May 22 j 07:53	23° \mathcal{Y} 41'29	3°57'12	minimum elong	-4614 May 03 j 03:36	5° \mathcal{Y} 19'59	3°02'56	
morning rise	-4615 May 30 j 09:36	19° \mathcal{Y} 14'29		morning rise	-4614 May 11 j 22:19	1° \mathcal{Y} 07'31		
direct	-4615 Jun 01 j 21:14	18° \mathcal{Y} 54'49		direct	-4614 May 14 j 09:16	0° \mathcal{Y} 51'28		
morning max el	-4615 Jun 10 j 03:45	22° \mathcal{Y} 48'47	18°46'09	morning max el	-4614 May 24 j 01:34	5° \mathcal{Y} 21'15	19°40'49	
	-4615 Jun 15 j 23:38	0° \mathcal{B}		asc. node	-4614 Jun 05 j 01:07	22° \mathcal{Y} 29'17		
asc. node	-4615 Jun 18 j 04:06	3° \mathcal{B} 27'13			-4614 Jun 08 j 23:18	0° \mathcal{B}		
morning set	-4615 Jun 26 j 14:27	18° \mathcal{B} 58'52		morning set	-4614 Jun 10 j 15:19	3° \mathcal{B} 19'16		
	-4615 Jul 02 j 06:11	0° \mathbb{I}						
superior conj	-4615 Jul 05 j 08:21	5° \mathbb{I} 54'44	1°49'09	superior conj	-4614 Jun 18 j 16:25	19° \mathcal{B} 29'25	1°42'57	
minimum elong	-4615 Jul 05 j 07:56	5° \mathbb{I} 52'44	1°49'21	minimum elong	-4614 Jun 18 j 14:25	19° \mathcal{B} 19'33	1°43'00	
max. Earth dist.	-4615 Jul 12 j 07:07	18° \mathbb{I} 39'46	1.39180 AU		-4614 Jun 24 j 03:06	0° \mathbb{I}		
evening rise	-4615 Jul 16 j 08:26	25° \mathbb{I} 43'27		max. Earth dist.	-4614 Jun 24 j 09:44	0° \mathbb{I} 31'08	1.37293 AU	
	-4615 Jul 18 j 21:16	0° \mathcal{G}		evening rise	-4614 Jun 28 j 07:08	7° \mathbb{I} 39'26		
desc. node	-4615 Jul 31 j 01:24	19° \mathcal{G} 09'49			-4614 Jul 11 j 16:58	0° \mathcal{G}		
				desc. node	-4614 Jul 17 j 22:26	9° \mathcal{G} 15'31		

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening max el	-4614 Aug 03 j 04:47	29° ☿ 26'40	25°25'19	evening max el	-4613 Jul 16 j 15:37	12° ☿ 55'54	26°28'29
	-4614 Aug 03 j 18:31	0° ♊		retrograde	-4613 Jul 29 j 11:12	20° ☿ 11'54	
retrograde	-4614 Aug 15 j 05:14	6° ♊ 24'15		evening set	-4613 Aug 05 j 00:28	17° ☿ 26'14	
evening set	-4614 Aug 21 j 04:55	3° ♊ 50'09		min. Earth dist.	-4613 Aug 09 j 01:34	13° ☿ 09'02	0.66034 AU
	-4614 Aug 24 j 17:36	30° ♋		inferior conj	-4613 Aug 10 j 14:47	11° ☿ 15'13	-2°34'40
min. Earth dist.	-4614 Aug 25 j 14:06	28° ☿ 54'38	0.66830 AU	minimum elong	-4613 Aug 10 j 18:04	11° ☿ 05'11	2°33'22
inferior conj	-4614 Aug 26 j 14:54	27° ☿ 34'03	-1°46'09	morning rise	-4613 Aug 16 j 11:55	5° ☿ 27'47	
minimum elong	-4614 Aug 26 j 17:18	27° ☿ 26'14	1°45'01	asc. node	-4613 Aug 18 j 21:33	4° ☿ 36'33	
morning rise	-4614 Sep 01 j 05:46	21° ☿ 34'53		direct	-4613 Aug 19 j 13:47	4° ☿ 33'58	
asc. node	-4614 Sep 01 j 00:27	21° ☿ 43'57		morning max el	-4613 Aug 26 j 08:56	8° ☿ 22'12	18°46'07
direct	-4614 Sep 04 j 15:59	20° ☿ 26'52			-4613 Sep 10 j 12:46	0° ♊	
morning max el	-4614 Sep 11 j 23:55	24° ☿ 39'38	19°35'47	morning set	-4613 Sep 16 j 09:26	9° ♊ 22'25	
	-4614 Sep 16 j 12:07	0° ♊			-4613 Sep 29 j 09:17	0° ♋	
morning set	-4614 Oct 06 j 13:07	29° ♊ 59'28		desc. node	-4613 Sep 30 j 19:04	2° ♋ 13'09	
	-4614 Oct 06 j 13:15	0° ♋					
desc. node	-4614 Oct 13 j 22:09	11° ♋ 30'46		superior conj	-4613 Oct 02 j 07:35	4° ♋ 37'05	-0°09'37
max. Earth dist.	-4614 Oct 19 j 14:25	20° ♋ 28'05	1.44309 AU	minimum elong	-4613 Oct 02 j 06:20	4° ♋ 32'08	0°09'20
				behind sun begin	-4613 Oct 01 j 20:51	3° ♋ 54'46	
superior conj	-4614 Oct 23 j 06:04	26° ♋ 17'26	-0°56'44	behind sun end	-4613 Oct 02 j 15:49	5° ♋ 09'30	
minimum elong	-4614 Oct 22 j 23:49	25° ♋ 52'25	0°55'58	max. Earth dist.	-4613 Oct 02 j 07:29	4° ♋ 36'39	1.44792 AU
	-4614 Oct 25 j 13:25	0° ♌		evening rise	-4613 Oct 18 j 06:12	29° ♋ 54'15	
evening rise	-4614 Nov 06 j 10:08	19° ♌ 32'18			-4613 Oct 18 j 07:38	0° ♌	
	-4614 Nov 12 j 15:56	0° ♌			-4613 Nov 07 j 02:56	0° ♌	
evening max el	-4614 Nov 25 j 07:22	18° ♌ 24'27	18°23'42	evening max el	-4613 Nov 08 j 18:30	1° ♌ 49'51	18°56'28
asc. node	-4614 Nov 27 j 23:11	20° ♌ 40'29		asc. node	-4613 Nov 14 j 20:19	5° ♌ 40'30	
retrograde	-4614 Dec 01 j 21:25	22° ♌ 01'30		retrograde	-4613 Nov 15 j 15:23	5° ♌ 44'03	
evening set	-4614 Dec 04 j 19:04	21° ♌ 15'54		evening set	-4613 Nov 18 j 18:50	4° ♌ 47'20	
inferior conj	-4614 Dec 10 j 20:47	15° ♌ 45'58	3°31'43		-4613 Nov 23 j 18:18	30° ♋	
minimum elong	-4614 Dec 10 j 17:44	15° ♌ 54'39	3°30'57	inferior conj	-4613 Nov 24 j 13:26	29° ♌ 01'23	2°55'08
min. Earth dist.	-4614 Dec 13 j 00:46	13° ♌ 18'31	0.64013 AU	minimum elong	-4613 Nov 24 j 10:14	29° ♌ 11'14	2°54'07
morning rise	-4614 Dec 16 j 15:52	9° ♌ 44'43		min. Earth dist.	-4613 Nov 26 j 03:10	27° ♌ 04'56	0.65353 AU
direct	-4614 Dec 23 j 14:45	6° ♌ 54'58		morning rise	-4613 Nov 30 j 01:17	22° ♌ 52'43	
morning max el	-4613 Jan 06 j 03:59	14° ♌ 36'59	27°27'43	direct	-4613 Dec 06 j 14:38	20° ♌ 03'41	
desc. node	-4613 Jan 09 j 22:04	18° ♌ 37'14		morning max el	-4613 Dec 19 j 13:45	27° ♌ 36'06	26°42'26
	-4613 Jan 18 j 18:52	0° ♍			-4613 Dec 21 j 20:52	0° ♌	
	-4613 Feb 06 j 01:12	0° ♍		desc. node	-4613 Dec 27 j 19:04	7° ♌ 03'01	
morning set	-4613 Feb 10 j 01:57	7° ♍ 45'05			-4612 Jan 12 j 10:59	0° ♍	
max. Earth dist.	-4613 Feb 15 j 02:59	17° ♍ 59'57	1.33608 AU	morning set	-4612 Jan 24 j 11:12	21° ♍ 13'31	
					-4612 Jan 28 j 23:05	0° ♍	
superior conj	-4613 Feb 17 j 22:28	23° ♍ 55'38	-0°58'37	max. Earth dist.	-4612 Jan 28 j 19:26	29° ♍ 41'45	1.34735 AU
minimum elong	-4613 Feb 18 j 00:55	24° ♍ 08'40	0°58'23				
	-4613 Feb 20 j 18:40	0° ♎		superior conj	-4612 Feb 01 j 23:57	8° ♍ 13'26	-1°20'19
asc. node	-4613 Feb 23 j 22:19	6° ♎ 43'43		minimum elong	-4612 Feb 02 j 02:57	8° ♍ 28'57	1°20'07
evening rise	-4613 Feb 25 j 03:35	9° ♎ 17'57		evening rise	-4612 Feb 09 j 12:48	23° ♍ 58'04	
	-4613 Mar 08 j 01:54	0° ♎		asc. node	-4612 Feb 10 j 19:20	26° ♍ 34'59	
evening max el	-4613 Mar 19 j 02:25	14° ♎ 19'59	22°35'49		-4612 Feb 12 j 11:58	0° ♎	
retrograde	-4613 Apr 01 j 03:09	20° ♎ 42'01		evening max el	-4612 Feb 29 j 02:19	25° ♎ 22'13	21°07'30
evening set	-4613 Apr 04 j 05:30	20° ♎ 20'57			-4612 Mar 06 j 23:42	0° ♎	
desc. node	-4613 Apr 07 j 20:55	19° ♎ 07'35		retrograde	-4612 Mar 11 j 17:06	0° ♎ 54'39	
min. Earth dist.	-4613 Apr 12 j 11:30	16° ♎ 44'13	0.55444 AU	evening set	-4612 Mar 14 j 03:59	0° ♎ 40'42	
inferior conj	-4613 Apr 13 j 13:20	16° ♎ 07'15	-1°32'09		-4612 Mar 16 j 15:59	30° ♋	
minimum elong	-4613 Apr 13 j 09:19	16° ♎ 13'00	1°30'55	inferior conj	-4612 Mar 23 j 08:50	26° ♎ 42'02	0°22'54
morning rise	-4613 Apr 22 j 15:04	12° ♎ 09'44		minimum elong	-4612 Mar 23 j 09:52	26° ♎ 40'32	0°22'25
direct	-4613 Apr 25 j 04:08	11° ♎ 54'42		min. Earth dist.	-4612 Mar 24 j 01:49	26° ♎ 17'52	0.55221 AU
morning max el	-4613 May 06 j 12:58	17° ♎ 14'07	20°55'09	desc. node	-4612 Mar 24 j 18:04	25° ♎ 54'55	
	-4613 May 16 j 08:33	0° ♏		morning rise	-4612 Apr 01 j 15:14	22° ♎ 33'01	
asc. node	-4613 May 22 j 22:06	11° ♏ 57'51		direct	-4612 Apr 04 j 16:18	22° ♎ 12'44	
morning set	-4613 May 25 j 21:57	17° ♏ 59'48		morning max el	-4612 Apr 17 j 13:37	28° ♎ 25'36	22°25'41
	-4613 May 31 j 16:54	0° ♏			-4612 Apr 19 j 03:34	0° ♎	
					-4612 May 07 j 22:29	0° ♏	
superior conj	-4613 Jun 02 j 11:29	3° ♏ 39'25	1°30'10	asc. node	-4612 May 08 j 19:03	1° ♏ 45'47	
minimum elong	-4613 Jun 02 j 08:49	3° ♏ 25'45	1°30'00	morning set	-4612 May 09 j 08:12	2° ♏ 53'59	
max. Earth dist.	-4613 Jun 06 j 18:25	12° ♏ 18'04	1.35649 AU				
evening rise	-4613 Jun 11 j 02:00	20° ♏ 37'14		superior conj	-4612 May 16 j 14:09	18° ♏ 14'05	1°12'40
	-4613 Jun 16 j 05:41	0° ♐		minimum elong	-4612 May 16 j 11:31	18° ♏ 00'11	1°12'20
desc. node	-4613 Jul 04 j 19:30	28° ♐ 56'19		max. Earth dist.	-4612 May 19 j 13:03	24° ♏ 24'33	1.34355 AU
	-4613 Jul 05 j 14:29	0° ☿			-4612 May 22 j 06:55	0° ♏	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening rise	-4612 May 24 j 11:48	4° U 21'50		evening rise	-4611 May 08 j 08:12	18° Y 39'53	
	-4612 Jun 07 j 23:51	0° II			-4611 May 14 j 04:55	0° U	
desc. node	-4612 Jun 20 j 16:35	18° II 01'30			-4611 Jun 02 j 07:08	0° II	
evening max el	-4612 Jun 28 j 02:56	26° II 17'21	27°10'48	desc. node	-4611 Jun 07 j 13:42	6° II 16'11	
	-4612 Jul 02 j 10:40	0° U		evening max el	-4611 Jun 10 j 13:11	9° II 19'32	27°25'26
retrograde	-4612 Jul 11 j 11:50	3° U 41'07		retrograde	-4611 Jun 24 j 06:30	16° II 44'01	
evening set	-4612 Jul 18 j 11:14	0° U 53'29		evening set	-4611 Jul 01 j 09:58	14° II 07'03	
	-4612 Jul 19 j 12:10	30° R II		min. Earth dist.	-4611 Jul 05 j 00:18	10° II 59'19	0.63321 AU
min. Earth dist.	-4612 Jul 22 j 05:34	27° II 13'38	0.64865 AU	inferior conj	-4611 Jul 07 j 17:04	8° II 15'10	-3°51'46
inferior conj	-4612 Jul 24 j 08:23	24° II 50'34	-3°17'37	minimum elong	-4611 Jul 07 j 20:15	8° II 07'04	3°51'01
minimum elong	-4612 Jul 24 j 12:02	24° II 40'16	3°16'28	morning rise	-4611 Jul 14 j 07:27	3° II 00'26	
morning rise	-4612 Jul 30 j 13:21	19° II 17'55		direct	-4611 Jul 16 j 23:23	2° II 26'05	
direct	-4612 Aug 02 j 09:11	18° II 35'08		asc. node	-4611 Jul 22 j 15:41	5° II 00'55	
asc. node	-4612 Aug 04 j 18:38	19° II 05'33		morning max el	-4611 Jul 23 j 12:49	5° II 50'18	17°57'48
morning max el	-4612 Aug 08 j 22:03	22° II 07'07	18°13'04		-4611 Aug 08 j 06:39	0° U	
	-4612 Aug 15 j 01:08	0° U		morning set	-4611 Aug 09 j 09:18	1° U 56'38	
morning set	-4612 Aug 27 j 08:56	20° U 03'41					
	-4612 Sep 02 j 08:54	0° Q		superior conj	-4611 Aug 21 j 11:52	22° U 40'22	1°16'22
superior conj	-4612 Sep 10 j 10:55	13° Q 05'56	0°38'36	minimum elong	-4611 Aug 21 j 17:42	23° U 04'34	1°16'00
minimum elong	-4612 Sep 10 j 15:23	13° Q 23'48	0°38'13		-4611 Aug 25 j 22:56	0° Q	
max. Earth dist.	-4612 Sep 14 j 01:02	18° Q 48'32	1.44555 AU	max. Earth dist.	-4611 Aug 27 j 16:29	2° Q 47'59	1.43635 AU
desc. node	-4612 Sep 16 j 15:58	22° Q 57'01		desc. node	-4611 Sep 03 j 12:54	13° Q 39'55	
	-4612 Sep 21 j 03:49	0° M		evening rise	-4611 Sep 06 j 06:11	17° Q 53'55	
evening rise	-4612 Sep 27 j 01:37	9° M 12'26			-4611 Sep 14 j 04:12	0° M	
greatest brilliancy	-4612 Oct 09 j 12:15	28° M 21'20	-0.7m	evening max el	-4611 Oct 05 j 03:20	28° M 42'28	20°48'40
	-4612 Oct 10 j 14:33	0° U			-4611 Oct 06 j 11:08	0° U	
evening max el	-4612 Oct 22 j 01:43	15° U 16'20	19°45'33	retrograde	-4611 Oct 13 j 09:02	3° U 34'21	
retrograde	-4612 Oct 29 j 12:00	19° U 35'46		evening set	-4611 Oct 17 j 06:43	2° U 07'20	
asc. node	-4612 Oct 31 j 17:28	19° U 06'55		asc. node	-4611 Oct 18 j 14:37	0° U 58'05	
evening set	-4612 Nov 01 j 23:26	18° U 25'16			-4611 Oct 19 j 12:40	30° R M	
inferior conj	-4612 Nov 07 j 12:43	12° U 26'18	2°10'51	inferior conj	-4611 Oct 22 j 16:21	25° M 58'33	1°21'36
minimum elong	-4612 Nov 07 j 10:01	12° U 35'09	2°09'51	minimum elong	-4611 Oct 22 j 14:33	26° M 04'43	1°20'55
min. Earth dist.	-4612 Nov 08 j 13:26	11° U 05'16	0.66342 AU	min. Earth dist.	-4611 Oct 23 j 05:29	25° M 13'52	0.66997 AU
morning rise	-4612 Nov 12 j 20:21	6° U 12'56		morning rise	-4611 Oct 27 j 22:12	19° M 43'00	
direct	-4612 Nov 18 j 20:13	3° U 35'39		direct	-4611 Nov 02 j 06:54	17° M 24'19	
morning max el	-4612 Nov 30 j 22:46	10° U 45'18	25°34'01	morning max el	-4611 Nov 13 j 07:29	23° M 58'48	24°11'55
desc. node	-4612 Dec 13 j 16:01	26° U 13'59			-4611 Nov 18 j 16:29	0° U	
	-4612 Dec 16 j 08:19	0° M		desc. node	-4611 Nov 30 j 12:58	15° U 57'07	
	-4611 Jan 04 j 01:41	0° J			-4611 Dec 09 j 19:03	0° M	
morning set	-4611 Jan 06 j 04:45	3° J 49'26		morning set	-4611 Dec 19 j 00:43	15° M 16'52	
max. Earth dist.	-4611 Jan 10 j 00:10	10° J 53'44	1.36304 AU	max. Earth dist.	-4611 Dec 22 j 21:23	22° M 04'34	1.38228 AU
					-4611 Dec 27 j 05:17	0° J	
superior conj	-4611 Jan 15 j 17:17	22° J 01'34	-1°38'14	superior conj	-4611 Dec 29 j 22:55	5° J 10'03	-1°50'12
minimum elong	-4611 Jan 15 j 20:10	22° J 15'59	1°38'12	minimum elong	-4611 Dec 30 j 00:40	5° J 18'25	1°50'20
	-4611 Jan 19 j 15:57	0° Z		evening rise	-4610 Jan 07 j 16:55	22° J 16'55	
evening rise	-4611 Jan 23 j 18:00	8° Z 19'49			-4610 Jan 11 j 16:26	0° Z	
asc. node	-4611 Jan 27 j 16:22	16° Z 08'23		asc. node	-4610 Jan 14 j 13:26	5° Z 17'28	
	-4611 Feb 04 j 17:52	0° W		evening max el	-4610 Jan 24 j 08:29	19° Z 07'46	18°58'39
evening max el	-4611 Feb 10 j 12:19	6° W 57'34	19°53'42	retrograde	-4610 Feb 01 j 18:58	23° Z 10'35	
retrograde	-4611 Feb 20 j 10:25	11° W 39'21		evening set	-4610 Feb 04 j 05:18	22° Z 51'51	
evening set	-4611 Feb 22 j 18:34	11° W 24'52		inferior conj	-4610 Feb 12 j 03:32	18° Z 35'06	3°22'39
inferior conj	-4611 Mar 03 j 09:51	7° W 23'34	2°09'17	minimum elong	-4610 Feb 12 j 08:00	18° Z 27'08	3°21'34
minimum elong	-4611 Mar 03 j 14:38	7° W 16'11	2°07'41	min. Earth dist.	-4610 Feb 15 j 07:21	16° Z 21'27	0.57369 AU
min. Earth dist.	-4611 Mar 05 j 16:07	6° W 00'06	0.55921 AU	morning rise	-4610 Feb 20 j 08:12	13° Z 31'18	
desc. node	-4611 Mar 11 j 15:12	3° W 02'42		direct	-4610 Feb 25 j 16:14	12° Z 23'44	
morning rise	-4611 Mar 12 j 08:26	2° W 48'57		desc. node	-4610 Feb 26 j 12:21	12° Z 25'25	
direct	-4611 Mar 16 j 10:18	2° W 12'03		morning max el	-4610 Mar 11 j 21:22	19° Z 44'11	25°38'13
morning max el	-4611 Mar 30 j 06:23	9° W 07'04	24°04'26		-4610 Mar 20 j 14:31	0° W	
	-4611 Apr 14 j 14:10	0° X			-4610 Apr 06 j 21:59	0° X	
morning set	-4611 Apr 23 j 20:16	17° X 55'51		morning set	-4610 Apr 08 j 08:21	2° X 58'39	
asc. node	-4611 Apr 25 j 16:01	21° X 47'25		asc. node	-4610 Apr 12 j 12:58	11° X 57'17	
	-4611 Apr 29 j 11:31	0° Y					
superior conj	-4611 Apr 30 j 21:49	3° Y 05'09	0°51'52	superior conj	-4610 Apr 15 j 08:24	18° X 04'51	0°28'50
minimum elong	-4611 Apr 30 j 19:43	2° Y 53'50	0°51'29	minimum elong	-4610 Apr 15 j 07:10	17° X 58'06	0°28'30
max. Earth dist.	-4611 May 02 j 17:12	6° Y 57'48	1.33425 AU	max. Earth dist.	-4610 Apr 16 j 03:52	19° X 50'54	1.32847 AU
					-4610 Apr 20 j 21:27	0° Y	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening rise	-4610 Apr 22 j 11:49	3°♄19'39		max. Earth dist.	-4609 Mar 30 j 17:20	2°♄51'37	1.32603 AU
	-4610 May 07 j 00:40	0°♄		evening rise	-4609 Apr 06 j 20:08	18°♄12'30	
evening max el	-4610 May 23 j 19:36	21°♄48'07	27°07'58		-4609 Apr 12 j 17:36	0°♄	
desc. node	-4610 May 25 j 10:51	23°♄18'04			-4609 May 02 j 09:28	0°♄	
retrograde	-4610 Jun 06 j 18:20	29°♄10'40		evening max el	-4609 May 05 j 20:04	3°♄35'10	26°18'10
evening set	-4610 Jun 13 j 16:37	26°♄58'07		desc. node	-4609 May 12 j 08:00	8°♄37'20	
min. Earth dist.	-4610 Jun 17 j 08:59	24°♄11'16	0.61454 AU	retrograde	-4609 May 19 j 22:09	10°♄53'54	
inferior conj	-4610 Jun 20 j 13:32	21°♄20'14	-4°12'10	evening set	-4609 May 26 j 03:23	9°♄17'03	
minimum elong	-4610 Jun 20 j 15:02	21°♄16'52	4°11'54	min. Earth dist.	-4609 May 30 j 08:58	6°♄34'36	0.59418 AU
morning rise	-4610 Jun 27 j 15:00	16°♄26'08		inferior conj	-4609 Jun 02 j 18:09	3°♄56'51	-4°11'27
direct	-4610 Jun 30 j 04:39	15°♄58'25		minimum elong	-4609 Jun 02 j 16:40	3°♄59'46	4°11'16
morning max el	-4610 Jul 07 j 02:30	19°♄24'31	18°01'09		-4609 Jun 08 j 18:15	30°♄♄	
asc. node	-4610 Jul 09 j 12:42	22°♄06'05		morning rise	-4609 Jun 10 j 08:25	29°♄24'34	
	-4610 Jul 14 j 21:36	0°♄		direct	-4609 Jun 12 j 20:37	29°♄02'20	
morning set	-4610 Jul 23 j 04:59	14°♄45'16			-4609 Jun 16 j 18:45	0°♄	
	-4610 Jul 31 j 15:06	0°♄		morning max el	-4609 Jun 20 j 12:17	2°♄42'05	18°23'56
				asc. node	-4609 Jun 26 j 09:43	10°♄06'11	
superior conj	-4610 Aug 02 j 16:33	3°♄37'28	1°39'23	morning set	-4609 Jul 06 j 14:57	28°♄16'45	
minimum elong	-4610 Aug 02 j 20:17	3°♄53'45	1°39'22		-4609 Jul 07 j 12:34	0°♄	
max. Earth dist.	-4610 Aug 10 j 02:55	16°♄15'58	1.42147 AU				
evening rise	-4610 Aug 16 j 15:05	26°♄49'00		superior conj	-4609 Jul 15 j 21:38	15°♄48'03	1°48'47
	-4610 Aug 18 j 15:30	0°♄		minimum elong	-4609 Jul 15 j 22:33	15°♄52'18	1°48'59
desc. node	-4610 Aug 21 j 09:53	4°♄18'12		max. Earth dist.	-4609 Jul 23 j 07:08	28°♄59'15	1.40301 AU
	-4610 Sep 08 j 00:01	0°♄			-4609 Jul 23 j 21:15	0°♄	
evening max el	-4610 Sep 17 j 22:35	12°♄07'12	22°02'41	evening rise	-4609 Jul 27 j 21:17	6°♄45'06	
retrograde	-4610 Sep 27 j 04:46	17°♄37'09		desc. node	-4609 Aug 08 j 06:53	24°♄47'53	
evening set	-4610 Oct 01 j 14:45	15°♄51'24			-4609 Aug 11 j 18:40	0°♄	
asc. node	-4610 Oct 05 j 11:45	11°♄34'09		evening max el	-4609 Aug 31 j 12:29	25°♄32'14	23°22'53
inferior conj	-4610 Oct 06 j 22:21	9°♄36'07	0°29'28		-4609 Sep 05 j 21:14	0°♄	
minimum elong	-4610 Oct 06 j 21:40	9°♄38'28	0°29'16	retrograde	-4609 Sep 10 j 21:47	1°♄41'14	
min. Earth dist.	-4610 Oct 07 j 00:55	9°♄27'15	0.67338 AU		-4609 Sep 15 j 09:46	30°♄♄	
morning rise	-4610 Oct 12 j 04:28	3°♄21'09		evening set	-4609 Sep 15 j 21:46	29°♄35'45	
direct	-4610 Oct 16 j 22:05	1°♄23'42		inferior conj	-4609 Sep 21 j 04:56	23°♄17'27	-0°23'49
morning max el	-4610 Oct 26 j 18:15	7°♄15'53	22°45'39	minimum elong	-4609 Sep 21 j 05:29	23°♄15'35	0°23'26
	-4610 Nov 13 j 07:46	0°♄		min. Earth dist.	-4609 Sep 20 j 21:19	23°♄43'37	0.67381 AU
desc. node	-4610 Nov 17 j 09:55	6°♄03'05		asc. node	-4609 Sep 22 j 08:54	21°♄42'23	
morning set	-4610 Nov 29 j 17:32	25°♄23'06		morning rise	-4609 Sep 26 j 13:07	17°♄05'57	
	-4610 Dec 02 j 12:21	0°♄		direct	-4609 Sep 30 j 16:57	15°♄29'27	
max. Earth dist.	-4610 Dec 04 j 18:22	3°♄48'27	1.40289 AU	morning max el	-4609 Oct 09 j 09:58	20°♄38'39	21°23'23
					-4609 Oct 17 j 04:15	0°♄	
superior conj	-4610 Dec 12 j 12:11	17°♄26'27	-1°53'17	desc. node	-4609 Nov 04 j 06:49	26°♄24'58	
minimum elong	-4610 Dec 12 j 11:28	17°♄23'11	1°53'26		-4609 Nov 06 j 14:27	0°♄	
	-4610 Dec 19 j 06:28	0°♄		morning set	-4609 Nov 09 j 06:50	4°♄11'54	
evening rise	-4610 Dec 22 j 06:44	5°♄42'31		max. Earth dist.	-4609 Nov 16 j 20:43	16°♄22'47	1.42208 AU
asc. node	-4609 Jan 01 j 10:32	23°♄54'09					
	-4609 Jan 05 j 20:40	0°♄		superior conj	-4609 Nov 24 j 03:23	28°♄36'28	-1°43'52
evening max el	-4609 Jan 07 j 12:51	1°♄47'30	18°23'40	minimum elong	-4609 Nov 23 j 23:09	28°♄18'16	1°43'42
retrograde	-4609 Jan 14 j 22:10	5°♄26'27			-4609 Nov 24 j 22:46	0°♄	
evening set	-4609 Jan 17 j 11:11	5°♄01'45		evening rise	-4609 Dec 05 j 07:51	18°♄28'07	
inferior conj	-4609 Jan 24 j 17:39	0°♄24'32	3°58'29		-4609 Dec 11 j 18:09	0°♄	
minimum elong	-4609 Jan 24 j 19:27	0°♄20'49	3°58'07	asc. node	-4609 Dec 19 j 07:39	11°♄47'43	
	-4609 Jan 25 j 05:28	30°♄♄		evening max el	-4609 Dec 21 j 22:43	14°♄48'19	18°08'37
min. Earth dist.	-4609 Jan 28 j 02:22	27°♄38'56	0.59251 AU	retrograde	-4609 Dec 28 j 17:22	18°♄17'16	
morning rise	-4609 Feb 01 j 01:43	24°♄57'04		evening set	-4609 Dec 31 j 09:08	17°♄45'27	
direct	-4609 Feb 07 j 10:42	23°♄10'24		inferior conj	-4608 Jan 07 j 02:28	12°♄46'50	4°03'54
desc. node	-4609 Feb 13 j 09:27	24°♄37'56		minimum elong	-4608 Jan 07 j 01:35	12°♄48'58	4°03'40
	-4609 Feb 20 j 21:34	0°♄		min. Earth dist.	-4608 Jan 10 j 04:09	9°♄52'42	0.61247 AU
morning max el	-4609 Feb 21 j 16:20	0°♄44'38	26°51'51	morning rise	-4608 Jan 13 j 16:44	7°♄02'56	
	-4609 Mar 14 j 13:06	0°♄		direct	-4608 Jan 20 j 15:46	4°♄40'55	
morning set	-4609 Mar 23 j 18:49	17°♄56'03		desc. node	-4608 Jan 31 j 06:32	9°♄17'40	
	-4609 Mar 29 j 09:56	0°♄		morning max el	-4608 Feb 03 j 17:23	12°♄22'12	27°33'57
asc. node	-4609 Mar 30 j 09:57	2°♄11'16			-4608 Feb 17 j 17:51	0°♄	
					-4608 Mar 05 j 18:15	0°♄	
superior conj	-4609 Mar 30 j 20:10	3°♄07'08	0°04'27	morning set	-4608 Mar 07 j 01:38	2°♄39'54	
minimum elong	-4609 Mar 30 j 19:58	3°♄06'05	0°04'17	max. Earth dist.	-4608 Mar 13 j 05:41	15°♄45'12	1.32695 AU
behind sun begin	-4609 Mar 30 j 15:09	2°♄39'39					
behind sun end	-4609 Mar 31 j 00:48	3°♄32'32		superior conj	-4608 Mar 14 j 07:24	18°♄05'01	-0°20'30

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4608 Mar 14 j 08:19	18° \approx 10'01	0°20'28	superior conj	-4607 Feb 26 j 16:23	2° \approx 52'24	-0°45'04
asc. node	-4608 Mar 16 j 06:58	22° \approx 24'24		minimum elong	-4607 Feb 26 j 18:21	3° \approx 02'55	0°44'52
	-4608 Mar 19 j 19:11	0° H		asc. node	-4607 Mar 03 j 03:58	12° \approx 32'32	
evening rise	-4608 Mar 21 j 06:59	3° H 10'01		evening rise	-4607 Mar 05 j 18:35	18° \approx 05'40	
	-4608 Apr 04 j 21:01	0° Y			-4607 Mar 11 j 16:42	0° H	
evening max el	-4608 Apr 16 j 14:44	14° Y 43'24	25°01'47	evening max el	-4607 Mar 29 j 06:53	25° H 29'04	23°30'02
desc. node	-4608 Apr 28 j 05:10	21° Y 37'33			-4607 Apr 04 j 04:24	0° Y	
retrograde	-4608 Apr 30 j 15:48	21° Y 51'32		retrograde	-4607 Apr 11 j 20:32	2° Y 12'19	
evening set	-4608 May 05 j 16:50	20° Y 52'51		desc. node	-4607 Apr 15 j 02:20	1° Y 49'09	
min. Earth dist.	-4608 May 11 j 03:07	17° Y 58'41	0.57478 AU	evening set	-4607 Apr 15 j 14:00	1° Y 41'50	
inferior conj	-4608 May 14 j 03:42	15° Y 56'23	-3°39'58		-4607 Apr 19 j 21:02	30° R H	
minimum elong	-4608 May 13 j 22:59	16° Y 04'24	3°39'05	min. Earth dist.	-4607 Apr 22 j 18:14	28° H 24'20	0.55980 AU
morning rise	-4608 May 22 j 08:13	11° Y 43'49		inferior conj	-4607 Apr 24 j 17:20	27° H 14'02	-2°29'36
direct	-4608 May 24 j 19:15	11° Y 26'01		minimum elong	-4607 Apr 24 j 11:46	27° H 22'23	2°28'03
morning max el	-4608 Jun 02 j 15:15	15° Y 33'43	19°06'52	morning rise	-4607 May 03 j 12:13	23° H 14'27	
asc. node	-4608 Jun 12 j 06:44	28° Y 48'37		direct	-4607 May 05 j 23:25	22° H 59'15	
	-4608 Jun 12 j 22:59	0° B		morning max el	-4607 May 16 j 08:41	27° H 49'20	20°10'08
morning set	-4608 Jun 19 j 11:18	12° B 21'36			-4607 May 18 j 11:47	0° Y	
				asc. node	-4607 May 30 j 03:43	18° Y 02'48	
superior conj	-4608 Jun 27 j 21:21	28° B 56'14	1°47'27	morning set	-4607 Jun 03 j 14:55	26° Y 51'16	
minimum elong	-4608 Jun 27 j 20:09	28° B 50'24	1°47'37		-4607 Jun 05 j 04:00	0° B	
	-4608 Jun 28 j 10:36	0° II		superior conj	-4607 Jun 11 j 10:31	12° B 46'57	1°38'12
max. Earth dist.	-4608 Jul 04 j 08:28	11° II 03'06	1.38358 AU	minimum elong	-4607 Jun 11 j 08:08	12° B 34'59	1°38'10
evening rise	-4608 Jul 08 j 06:00	17° II 59'21		max. Earth dist.	-4607 Jun 16 j 13:09	22° B 49'48	1.36558 AU
	-4608 Jul 15 j 09:27	0° E			-4607 Jun 20 j 08:48	0° II	
desc. node	-4608 Jul 25 j 03:54	15° E 04'08		evening rise	-4607 Jun 20 j 13:57	0° II 23'37	
	-4608 Aug 05 j 01:41	0° O			-4607 Jul 08 j 13:16	0° E	
evening max el	-4608 Aug 12 j 23:36	9° O 00'35	24°42'44	desc. node	-4607 Jul 12 j 00:56	5° E 00'17	
retrograde	-4608 Aug 24 j 11:00	15° O 43'08		evening max el	-4607 Jul 26 j 10:19	22° E 31'21	25°54'19
evening set	-4608 Aug 30 j 01:56	13° O 18'49		retrograde	-4607 Aug 07 j 19:33	29° E 37'31	
min. Earth dist.	-4608 Sep 03 j 16:11	8° O 01'39	0.67122 AU	evening set	-4607 Aug 14 j 01:15	26° E 57'54	
inferior conj	-4608 Sep 04 j 10:22	7° O 00'58	-1°16'36	min. Earth dist.	-4607 Aug 18 j 07:02	22° E 18'24	0.66539 AU
minimum elong	-4608 Sep 04 j 12:08	6° O 55'05	1°15'42	inferior conj	-4607 Aug 19 j 12:50	20° E 43'45	-2°07'14
asc. node	-4608 Sep 08 j 06:00	2° O 22'41		minimum elong	-4607 Aug 19 j 15:39	20° E 34'47	2°06'00
morning rise	-4608 Sep 09 j 22:19	0° O 56'10		morning rise	-4607 Aug 25 j 06:10	14° E 48'58	
	-4608 Sep 11 j 15:45	30° R E		asc. node	-4607 Aug 26 j 03:06	14° E 20'23	
direct	-4608 Sep 13 j 14:22	29° E 38'28		direct	-4607 Aug 28 j 12:37	13° E 47'13	
	-4608 Sep 15 j 14:41	0° O		morning max el	-4607 Sep 04 j 14:10	17° E 48'17	19°12'39
morning max el	-4608 Sep 21 j 08:36	4° O 09'40	20°11'10		-4607 Sep 13 j 21:12	0° O	
	-4608 Oct 10 j 03:21	0° P		morning set	-4607 Sep 27 j 12:51	21° O 08'59	
morning set	-4608 Oct 18 j 05:35	12° P 25'13			-4607 Oct 03 j 04:09	0° P	
desc. node	-4608 Oct 21 j 03:45	16° P 58'01		desc. node	-4607 Oct 08 j 00:37	7° P 37'37	
	-4608 Oct 29 j 09:42	0° A		max. Earth dist.	-4607 Oct 11 j 22:06	13° P 46'07	1.44611 AU
max. Earth dist.	-4608 Oct 29 j 06:29	29° P 47'05	1.43716 AU				
superior conj	-4608 Nov 03 j 15:45	8° A 30'06	-1°18'40	superior conj	-4607 Oct 14 j 02:18	17° P 12'42	-0°37'42
minimum elong	-4608 Nov 03 j 09:01	8° A 02'36	1°18'01	minimum elong	-4607 Oct 13 j 21:38	16° P 54'13	0°37'04
	-4608 Nov 16 j 10:05	0° M			-4607 Oct 22 j 02:14	0° A	
evening rise	-4608 Nov 16 j 15:58	0° M 25'22		evening rise	-4607 Oct 29 j 02:13	11° A 24'01	
evening max el	-4608 Dec 04 j 11:15	28° M 03'27	18°12'52		-4607 Nov 09 j 12:41	0° M	
asc. node	-4608 Dec 05 j 04:46	28° M 45'48		evening max el	-4607 Nov 17 j 23:37	11° M 26'20	18°35'34
	-4608 Dec 06 j 17:04	0° X		asc. node	-4607 Nov 22 j 01:53	14° M 33'19	
retrograde	-4608 Dec 11 j 00:31	1° X 34'14		retrograde	-4607 Nov 24 j 15:33	15° M 09'14	
evening set	-4608 Dec 13 j 19:43	0° X 54'03		evening set	-4607 Nov 27 j 15:32	14° M 19'01	
	-4608 Dec 15 j 08:36	30° R M		inferior conj	-4607 Dec 03 j 13:59	8° M 41'52	3°17'19
inferior conj	-4608 Dec 20 j 02:29	25° M 35'01	3°47'51	minimum elong	-4607 Dec 03 j 10:46	8° M 51'20	3°16'24
minimum elong	-4608 Dec 19 j 23:54	25° M 41'55	3°47'17	min. Earth dist.	-4607 Dec 05 j 11:44	6° M 27'03	0.64634 AU
min. Earth dist.	-4608 Dec 22 j 14:59	22° M 53'32	0.63096 AU	morning rise	-4607 Dec 09 j 05:37	2° M 37'26	
morning rise	-4608 Dec 26 j 03:23	19° M 39'26			-4607 Dec 14 j 02:13	30° R A	
direct	-4607 Jan 02 j 05:08	16° M 55'16		direct	-4607 Dec 16 j 01:11	29° A 46'33	
morning max el	-4607 Jan 15 j 23:39	24° M 38'17	27°39'56		-4607 Dec 18 j 01:51	0° M	
desc. node	-4607 Jan 17 j 03:36	25° M 48'57		morning max el	-4607 Dec 29 j 08:50	7° M 24'54	27°11'49
	-4607 Jan 20 j 21:54	0° X		desc. node	-4606 Jan 04 j 00:38	13° M 39'54	
	-4607 Jan 10 j 01:57	0° B			-4606 Jan 15 j 22:19	0° X	
morning set	-4607 Feb 19 j 02:32	17° B 02'10			-4606 Feb 02 j 07:31	0° B	
max. Earth dist.	-4607 Feb 24 j 13:10	28° B 18'26	1.33160 AU	morning set	-4606 Feb 02 j 18:35	0° B 53'37	
	-4607 Feb 25 j 08:14	0° \approx		max. Earth dist.	-4606 Feb 07 j 12:10	10° B 21'30	1.34034 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4606 Feb 10 j 21:16	17° Z 23'13	-1°08'10	max. Earth dist.	-4605 Jan 20 j 23:53	21° X 50'23	1.35351 AU
minimum elong	-4606 Feb 11 j 00:00	17° Z 37'40	1°07'56		-4605 Jan 25 j 02:05	0° Z	
	-4606 Feb 16 j 20:05	0° \approx					
evening rise	-4606 Feb 18 j 05:12	2° \approx 53'40		superior conj	-4605 Jan 25 j 19:37	1° Z 29'14	-1°28'30
asc. node	-4606 Feb 18 j 00:58	2° \approx 31'35		minimum elong	-4605 Jan 25 j 22:40	1° Z 44'50	1°28'22
	-4606 Mar 05 j 13:55	0° X		evening rise	-4605 Feb 02 j 12:59	17° Z 26'54	
evening max el	-4606 Mar 11 j 02:18	6° X 18'17	21°56'55	asc. node	-4605 Feb 04 j 22:00	22° Z 16'05	
retrograde	-4606 Mar 23 j 13:41	12° X 20'03			-4605 Feb 08 j 22:25	0° \approx	
evening set	-4606 Mar 26 j 07:55	12° X 03'06		evening max el	-4605 Feb 21 j 06:09	17° \approx 32'55	20°33'57
desc. node	-4606 Apr 01 j 23:30	9° X 27'24		retrograde	-4605 Mar 04 j 03:47	22° \approx 43'41	
inferior conj	-4606 Apr 04 j 16:10	7° X 58'05	-0°44'27	evening set	-4605 Mar 06 j 12:23	22° \approx 30'07	
minimum elong	-4606 Apr 04 j 14:07	8° X 00'59	0°43'50	inferior conj	-4605 Mar 15 j 12:15	18° \approx 31'54	1°11'01
min. Earth dist.	-4606 Apr 04 j 08:16	8° X 09'12	0.55233 AU	minimum elong	-4605 Mar 15 j 15:19	18° \approx 27'25	1°09'49
morning rise	-4606 Apr 13 j 21:16	3° X 58'13		min. Earth dist.	-4605 Mar 16 j 22:19	17° \approx 42'16	0.55406 AU
direct	-4606 Apr 16 j 14:09	3° X 41'52		desc. node	-4605 Mar 19 j 20:41	16° \approx 05'45	
morning max el	-4606 Apr 28 j 15:17	9° X 23'55	21°32'05	morning rise	-4605 Mar 24 j 16:57	14° \approx 13'31	
	-4606 May 13 j 01:54	0° Y		direct	-4605 Mar 28 j 03:00	13° \approx 48'04	
asc. node	-4606 May 17 j 00:42	7° Y 40'49		morning max el	-4605 Apr 10 j 12:06	20° \approx 20'30	23°07'30
morning set	-4606 May 18 j 23:22	11° Y 39'05			-4605 Apr 18 j 14:47	0° X	
				morning set	-4605 May 03 j 10:36	26° X 37'18	
superior conj	-4606 May 26 j 09:12	27° Y 08'56	1°23'14	asc. node	-4605 May 03 j 21:40	27° X 35'13	
minimum elong	-4606 May 26 j 06:29	26° Y 54'47	1°22'59		-4605 May 05 j 01:07	0° Y	
	-4606 May 27 j 18:17	0° X					
max. Earth dist.	-4606 May 30 j 02:16	4° X 45'15	1.35054 AU	superior conj	-4605 May 10 j 14:17	11° Y 51'30	1°04'12
evening rise	-4606 Jun 03 j 15:48	13° X 43'26		minimum elong	-4605 May 10 j 11:50	11° Y 38'25	1°03'49
	-4606 Jun 12 j 16:21	0° II		max. Earth dist.	-4605 May 13 j 01:09	17° Y 02'51	1.33910 AU
desc. node	-4606 Jun 28 j 22:00	24° II 27'46		evening rise	-4605 May 18 j 06:33	27° Y 43'19	
	-4606 Jul 03 j 08:36	0° X			-4605 May 19 j 10:21	0° X	
evening max el	-4606 Jul 08 j 21:34	5° X 59'13	26°49'23		-4605 Jun 05 j 21:55	0° II	
retrograde	-4606 Jul 21 j 23:07	13° X 18'48		desc. node	-4605 Jun 15 j 19:08	13° II 13'42	
evening set	-4606 Jul 28 j 17:25	10° X 30'54		evening max el	-4605 Jun 21 j 08:29	19° II 13'12	27°20'38
min. Earth dist.	-4606 Aug 01 j 15:28	6° X 30'04	0.65595 AU	retrograde	-4605 Jul 04 j 21:20	26° II 38'15	
inferior conj	-4606 Aug 03 j 10:21	4° X 23'16	-2°53'43	evening set	-4605 Jul 11 j 23:32	23° II 53'05	
minimum elong	-4606 Aug 03 j 13:52	4° X 12'51	2°52'25	min. Earth dist.	-4605 Jul 15 j 15:32	20° II 28'14	0.64255 AU
	-4606 Aug 07 j 13:53	30° X II		inferior conj	-4605 Jul 18 j 00:29	17° II 54'35	-3°33'27
morning rise	-4606 Aug 09 j 10:38	28° II 41'49		minimum elong	-4605 Jul 18 j 04:04	17° II 44'54	3°32'25
direct	-4606 Aug 12 j 09:46	27° II 52'56		morning rise	-4605 Jul 24 j 09:18	12° II 29'32	
asc. node	-4606 Aug 13 j 00:12	27° II 54'56		direct	-4605 Jul 27 j 03:13	11° II 50'41	
	-4606 Aug 17 j 08:43	0° X		asc. node	-4605 Jul 30 j 21:15	13° II 02'27	
morning max el	-4606 Aug 19 j 01:15	1° X 32'46	18°29'56	morning max el	-4605 Aug 02 j 15:28	15° II 18'09	18°04'25
	-4606 Sep 07 j 04:29	0° Ω			-4605 Aug 13 j 00:34	0° X	
morning set	-4606 Sep 07 j 20:37	1° Ω 05'37		morning set	-4605 Aug 20 j 07:19	12° X 19'16	
					-4605 Aug 30 j 20:38	0° Ω	
superior conj	-4606 Sep 23 j 01:35	25° Ω 27'37	0°11'33				
minimum elong	-4606 Sep 23 j 03:05	25° Ω 33'34	0°11'30	superior conj	-4605 Sep 02 j 12:34	4° Ω 20'37	0°56'19
behind sun begin	-4606 Sep 22 j 18:59	25° Ω 01'31		minimum elong	-4605 Sep 02 j 18:12	4° Ω 43'28	0°55'51
behind sun end	-4606 Sep 23 j 11:12	26° Ω 05'37		max. Earth dist.	-4605 Sep 07 j 09:21	12° Ω 09'39	1.44241 AU
max. Earth dist.	-4606 Sep 24 j 16:19	28° Ω 00'28	1.44789 AU	desc. node	-4605 Sep 11 j 18:25	19° Ω 05'01	
desc. node	-4606 Sep 24 j 21:29	28° Ω 20'53		evening rise	-4605 Sep 18 j 22:45	0° X 16'22	
	-4606 Sep 25 j 22:38	0° X			-4605 Sep 18 j 18:31	0° X	
evening rise	-4606 Oct 09 j 11:27	21° X 18'09		greatest brilliancy	-4605 Oct 01 j 21:47	20° X 01'14	-0.6m
	-4606 Oct 14 j 23:52	0° Ω			-4605 Oct 08 j 20:00	0° Ω	
greatest brilliancy	-4606 Oct 18 j 21:54	6° Ω 08'12	-0.8m	evening max el	-4605 Oct 15 j 14:14	8° Ω 18'56	20°10'46
evening max el	-4606 Nov 01 j 09:19	24° Ω 52'19	19°15'26	retrograde	-4605 Oct 23 j 08:15	12° Ω 51'51	
retrograde	-4606 Nov 08 j 11:03	28° Ω 56'20		evening set	-4605 Oct 26 j 23:41	11° Ω 34'42	
asc. node	-4606 Nov 08 j 23:01	28° Ω 54'54		asc. node	-4605 Oct 26 j 20:09	11° Ω 40'50	
evening set	-4606 Nov 11 j 17:40	27° Ω 53'55		inferior conj	-4605 Nov 01 j 11:12	5° Ω 30'57	1°50'26
inferior conj	-4606 Nov 17 j 09:46	22° Ω 01'44	2°37'04	minimum elong	-4605 Nov 01 j 08:51	5° Ω 38'50	1°49'33
minimum elong	-4606 Nov 17 j 06:43	22° Ω 11'25	2°36'02	min. Earth dist.	-4605 Nov 02 j 06:50	4° Ω 25'22	0.66656 AU
min. Earth dist.	-4606 Nov 18 j 17:40	20° Ω 20'24	0.65817 AU		-4605 Nov 05 j 23:11	30° X II	
morning rise	-4606 Nov 22 j 19:30	15° Ω 50'47		morning rise	-4605 Nov 06 j 17:47	29° X II16'03	
direct	-4606 Nov 29 j 03:19	13° Ω 06'01		direct	-4605 Nov 12 j 11:10	26° X II46'12	
morning max el	-4606 Dec 11 j 18:33	20° Ω 30'04	26°15'40		-4605 Nov 19 j 23:56	0° Ω	
	-4606 Dec 20 j 00:34	0° X		morning max el	-4605 Nov 24 j 03:32	3° Ω 42'59	25°00'11
desc. node	-4606 Dec 21 j 21:36	2° X 26'42		desc. node	-4605 Dec 08 j 18:32	21° Ω 52'59	
	-4605 Jan 09 j 01:04	0° X			-4605 Dec 14 j 07:51	0° X	
morning set	-4605 Jan 16 j 21:46	14° X 01'26		morning set	-4605 Dec 30 j 06:58	26° X II10'57	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4604 Jan 01 j 09:53	0°♌					-4604 Dec 06 j 09:23	0°♍			
max. Earth dist.	-4604 Jan 03 j 00:41	2°♌57'59	1.37086 AU		morning set		-4604 Dec 10 j 15:56	7°♍05'09			
					max. Earth dist.		-4604 Dec 14 j 20:18	14°♍16'54	1.39105 AU		
superior conj	-4604 Jan 09 j 08:28	15°♌02'00	-1°44'12								
minimum elong	-4604 Jan 09 j 11:01	15°♌14'32	1°44'15		superior conj		-4604 Dec 22 j 07:46	27°♍50'05	-1°52'49		
	-4604 Jan 16 j 20:04	0°♍			minimum elong		-4604 Dec 22 j 08:38	27°♍54'10	1°52'59		
evening rise	-4604 Jan 17 j 15:50	1°♍39'17					-4604 Dec 23 j 11:25	0°♌			
asc. node	-4604 Jan 22 j 19:03	11°♍40'19			evening rise		-4604 Dec 31 j 11:14	15°♌23'33			
evening max el	-4604 Feb 03 j 20:36	29°♍23'33	19°27'52				-4603 Jan 08 j 07:32	0°♍			
	-4604 Feb 04 j 12:29	0°♎			asc. node		-4603 Jan 08 j 16:08	0°♍36'41			
retrograde	-4604 Feb 13 j 02:47	3°♎47'13			evening max el		-4603 Jan 16 j 20:37	11°♍47'32	18°41'19		
evening set	-4604 Feb 15 j 11:22	3°♎31'24			retrograde		-4603 Jan 24 j 18:54	15°♍37'54			
	-4604 Feb 22 j 21:43	30°♎♍			evening set		-4603 Jan 27 j 06:28	15°♍16'46			
inferior conj	-4604 Feb 23 j 19:29	29°♍24'42	2°45'07		inferior conj		-4603 Feb 03 j 21:45	10°♍52'01	3°42'06		
minimum elong	-4604 Feb 24 j 00:36	29°♍16'19	2°43'36		minimum elong		-4603 Feb 04 j 01:13	10°♍45'26	3°41'23		
min. Earth dist.	-4604 Feb 26 j 13:07	27°♍37'59	0.56458 AU		min. Earth dist.		-4603 Feb 07 j 05:45	8°♍21'46	0.58141 AU		
morning rise	-4604 Mar 03 j 11:12	24°♍36'54			morning rise		-4603 Feb 11 j 17:34	5°♍37'15			
desc. node	-4604 Mar 05 j 17:50	24°♍01'06			direct		-4603 Feb 17 j 13:35	4°♍13'01			
direct	-4604 Mar 08 j 01:42	23°♍48'34			desc. node		-4603 Feb 20 j 14:57	4°♍35'56			
	-4604 Mar 21 j 02:53	0°♎			morning max el		-4603 Mar 03 j 19:26	11°♍40'43	26°12'44		
morning max el	-4604 Mar 22 j 03:29	0°♎57'10	24°45'50				-4603 Mar 18 j 00:30	0°♎			
	-4604 Apr 11 j 03:30	0°♏			morning set		-4603 Apr 01 j 10:27	26°♎41'05			
morning set	-4604 Apr 16 j 22:51	11°♏39'59					-4603 Apr 03 j 00:06	0°♏			
asc. node	-4604 Apr 19 j 18:38	17°♏40'50			asc. node		-4603 Apr 06 j 15:38	7°♏53'07			
superior conj	-4604 Apr 23 j 23:26	26°♏46'59	0°42'20		superior conj		-4603 Apr 08 j 10:44	11°♏48'39	0°18'36		
minimum elong	-4604 Apr 23 j 21:40	26°♏37'25	0°41'56		minimum elong		-4603 Apr 08 j 09:55	11°♏44'13	0°18'20		
	-4604 Apr 25 j 11:09	0°♏			max. Earth dist.		-4603 Apr 08 j 20:24	12°♏41'31	1.32700 AU		
max. Earth dist.	-4604 Apr 25 j 08:12	29°♏44'06	1.33133 AU		evening rise		-4603 Apr 15 j 12:15	26°♏58'01			
evening rise	-4604 May 01 j 06:21	12°♏11'26					-4603 Apr 16 j 23:41	0°♏			
	-4604 May 10 j 15:19	0°♐					-4603 May 04 j 04:04	0°♐			
	-4604 May 31 j 16:48	0°♑			evening max el		-4603 May 15 j 21:31	14°♐14'03	26°50'43		
desc. node	-4604 Jun 01 j 16:18	1°♑00'23			desc. node		-4603 May 19 j 13:28	17°♐23'10			
evening max el	-4604 Jun 02 j 17:13	2°♑01'36	27°22'03		retrograde		-4603 May 29 j 22:16	21°♐35'12			
retrograde	-4604 Jun 16 j 13:31	9°♑26'24			evening set		-4603 Jun 05 j 14:35	19°♐37'13			
evening set	-4604 Jun 23 j 15:56	6°♑58'02			min. Earth dist.		-4603 Jun 09 j 11:02	16°♐54'04	0.60588 AU		
min. Earth dist.	-4604 Jun 27 j 06:02	4°♑00'54	0.62552 AU		inferior conj		-4603 Jun 12 j 18:36	14°♐06'09	-4°15'03		
inferior conj	-4604 Jun 30 j 04:22	1°♑11'25	-4°02'32		minimum elong		-4603 Jun 12 j 18:58	14°♐05'23	4°14'54		
minimum elong	-4604 Jun 30 j 07:00	1°♑05'03	4°02'00		morning rise		-4603 Jun 20 j 01:14	9°♐21'01			
	-4604 Jul 01 j 10:20	30°♐♑			direct		-4603 Jun 22 j 14:09	8°♐55'46			
morning rise	-4604 Jul 06 j 23:16	26°♐05'21			morning max el		-4603 Jun 29 j 18:29	12°♐26'31	18°08'24		
direct	-4604 Jul 09 j 13:56	25°♐34'10			asc. node		-4603 Jul 03 j 15:21	16°♐59'36			
morning max el	-4604 Jul 16 j 06:07	28°♐58'15	17°56'55				-4603 Jul 11 j 13:58	0°♑			
asc. node	-4604 Jul 16 j 18:18	29°♐29'07			morning set		-4603 Jul 15 j 18:54	7°♑46'02			
	-4604 Jul 17 j 05:50	0°♑									
morning set	-4604 Aug 01 j 16:32	24°♑37'13			superior conj		-4603 Jul 25 j 17:00	26°♑00'19	1°44'53		
	-4604 Aug 04 j 17:02	0°♒			minimum elong		-4603 Jul 25 j 19:31	26°♑11'32	1°44'59		
							-4603 Jul 27 j 23:09	0°♒			
superior conj	-4604 Aug 13 j 01:18	14°♒30'09	1°27'57		max. Earth dist.		-4603 Aug 02 j 06:02	9°♒05'27	1.41390 AU		
minimum elong	-4604 Aug 13 j 06:29	14°♒52'07	1°27'43		evening rise		-4603 Aug 07 j 19:07	18°♒13'58			
max. Earth dist.	-4604 Aug 19 j 22:17	25°♒55'15	1.43053 AU				-4603 Aug 15 j 06:37	0°♓			
	-4604 Aug 22 j 10:52	0°♓			desc. node		-4603 Aug 15 j 12:23	0°♓22'04			
evening rise	-4604 Aug 28 j 02:29	8°♓56'17					-4603 Sep 05 j 15:05	0°♑			
desc. node	-4604 Aug 28 j 15:22	9°♓46'29			evening max el		-4603 Sep 10 j 06:04	5°♑10'14	22°36'26		
	-4604 Sep 11 j 00:31	0°♑			retrograde		-4603 Sep 19 j 23:34	10°♑56'30			
evening max el	-4604 Sep 27 j 13:07	21°♑44'36	21°19'05		evening set		-4603 Sep 24 j 15:19	9°♑02'34			
retrograde	-4604 Oct 06 j 04:57	26°♑52'33			inferior conj		-4603 Sep 29 j 22:34	2°♑45'51	0°06'57		
evening set	-4604 Oct 10 j 07:30	25°♑18'01			minimum elong		-4603 Sep 29 j 22:24	2°♑46'26	0°07'00		
asc. node	-4604 Oct 12 j 17:18	22°♑56'19			transit middle		-4603 Sep 29 j 22:24	2°♑46'26	0°07'00		
inferior conj	-4604 Oct 15 j 16:06	19°♑06'08	0°59'45		transit begin		-4603 Sep 29 j 19:58	2°♑54'51			
minimum elong	-4604 Oct 15 j 14:45	19°♑10'47	0°59'16		transit end		-4603 Sep 30 j 00:50	2°♑38'00			
min. Earth dist.	-4604 Oct 16 j 00:44	18°♑36'29	0.67178 AU		asc. node		-4603 Sep 29 j 14:26	3°♑13'57			
morning rise	-4604 Oct 20 j 21:48	12°♑50'15			min. Earth dist.		-4603 Sep 29 j 20:52	2°♑51'44	0.67399 AU		
direct	-4604 Oct 26 j 00:01	10°♑40'13					-4603 Oct 01 j 23:48	30°♑♒			
morning max el	-4604 Nov 05 j 12:38	16°♑57'41	23°35'06		morning rise		-4603 Oct 05 j 05:21	26°♑32'00			
	-4604 Nov 16 j 07:37	0°♒			direct		-4603 Oct 09 j 17:02	24°♑43'23			
desc. node	-4604 Nov 24 j 15:27	11°♒46'51					-4603 Oct 18 j 18:28	0°♑			

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning max el	-4603 Oct 19 j 01:00	0° \mathbb{M} 16'30	22°09'42	direct	-4602 Sep 23 j 13:03	8° Ω 51'04	
	-4603 Nov 10 j 04:29	0° $\underline{\Omega}$		morning max el	-4602 Oct 01 j 19:34	13° Ω 42'44	20°51'15
desc. node	-4603 Nov 11 j 12:22	2° $\underline{\Omega}$ 00'33			-4602 Oct 14 j 10:24	0° \mathbb{M}	
morning set	-4603 Nov 20 j 20:26	16° $\underline{\Omega}$ 35'59		desc. node	-4602 Oct 29 j 09:17	22° \mathbb{M} 28'02	
max. Earth dist.	-4603 Nov 26 j 19:10	26° $\underline{\Omega}$ 21'51	1.41150 AU	morning set	-4602 Oct 31 j 01:09	25° \mathbb{M} 02'51	
	-4603 Nov 28 j 22:49	0° \mathbb{M}			-4602 Nov 03 j 04:56	0° $\underline{\Omega}$	
				max. Earth dist.	-4602 Nov 09 j 01:18	9° $\underline{\Omega}$ 21'24	1.42917 AU
superior conj	-4603 Dec 04 j 12:25	9° \mathbb{M} 40'35	-1°51'03				
minimum elong	-4603 Dec 04 j 10:16	9° \mathbb{M} 31'04	1°51'06	superior conj	-4602 Nov 15 j 16:39	20° $\underline{\Omega}$ 19'23	-1°35'15
evening rise	-4603 Dec 14 j 20:06	28° \mathbb{M} 33'15		minimum elong	-4602 Nov 15 j 11:02	19° $\underline{\Omega}$ 55'45	1°34'52
	-4603 Dec 15 j 14:45	0° \mathbb{M}			-4602 Nov 21 j 08:30	0° \mathbb{M}	
asc. node	-4603 Dec 26 j 13:13	18° \mathbb{M} 56'27		evening rise	-4602 Nov 27 j 14:36	11° \mathbb{M} 00'18	
evening max el	-4603 Dec 31 j 03:43	24° \mathbb{M} 37'34	18°14'48		-4602 Dec 08 j 16:23	0° \mathbb{M}	
retrograde	-4602 Jan 07 j 05:18	28° \mathbb{M} 10'18		asc. node	-4602 Dec 13 j 10:19	6° \mathbb{M} 28'38	
evening set	-4602 Jan 09 j 19:38	27° \mathbb{M} 42'32		evening max el	-4602 Dec 14 j 15:03	7° \mathbb{M} 45'49	18°08'02
inferior conj	-4602 Jan 16 j 20:09	22° \mathbb{M} 56'01	4°03'56	retrograde	-4602 Dec 21 j 06:22	11° \mathbb{M} 14'25	
minimum elong	-4602 Jan 16 j 20:43	22° \mathbb{M} 54'47	4°03'42	evening set	-4602 Dec 23 j 23:28	10° \mathbb{M} 39'11	
min. Earth dist.	-4602 Jan 20 j 02:57	20° \mathbb{M} 04'08	0.60114 AU	inferior conj	-4602 Dec 30 j 11:58	5° \mathbb{M} 31'18	3°59'16
morning rise	-4602 Jan 23 j 20:12	17° \mathbb{M} 21'08		minimum elong	-4602 Dec 30 j 10:13	5° \mathbb{M} 35'41	3°58'54
direct	-4602 Jan 30 j 12:48	15° \mathbb{M} 18'23		min. Earth dist.	-4601 Jan 02 j 08:18	2° \mathbb{M} 40'37	0.62063 AU
desc. node	-4602 Feb 07 j 12:02	17° \mathbb{M} 55'24			-4601 Jan 05 j 10:10	30° \mathbb{M}	
morning max el	-4602 Feb 13 j 16:42	22° \mathbb{M} 55'17	27°14'04	morning rise	-4601 Jan 05 j 20:00	29° \mathbb{M} 41'54	
	-4602 Feb 20 j 00:50	0° \mathbb{M}		direct	-4601 Jan 12 j 21:17	27° \mathbb{M} 08'59	
	-4602 Mar 11 j 00:07	0° \mathbb{M}			-4601 Jan 20 j 23:37	0° \mathbb{M}	
morning set	-4602 Mar 16 j 19:35	11° \mathbb{M} 33'31		desc. node	-4601 Jan 25 j 09:05	3° \mathbb{M} 27'48	
				morning max el	-4601 Jan 26 j 20:25	4° \mathbb{M} 51'14	27°41'01
superior conj	-4602 Mar 23 j 22:26	26° \mathbb{M} 49'43	-0°06'10		-4601 Feb 14 j 17:52	0° \mathbb{M}	
minimum elong	-4602 Mar 23 j 22:43	26° \mathbb{M} 51'16	0°06'14	morning set	-4601 Mar 01 j 00:14	26° \mathbb{M} 10'08	
behind sun begin	-4602 Mar 23 j 18:05	26° \mathbb{M} 25'54			-4601 Mar 02 j 20:53	0° \mathbb{M}	
behind sun end	-4602 Mar 24 j 03:21	27° \mathbb{M} 16'37		max. Earth dist.	-4601 Mar 06 j 21:00	8° \mathbb{M} 30'02	1.32850 AU
max. Earth dist.	-4602 Mar 23 j 09:58	25° \mathbb{M} 41'36	1.32603 AU				
asc. node	-4602 Mar 24 j 12:37	28° \mathbb{M} 07'16		superior conj	-4601 Mar 08 j 08:56	11° \mathbb{M} 44'26	-0°31'02
	-4602 Mar 25 j 09:13	0° \mathbb{M}		minimum elong	-4601 Mar 08 j 10:19	11° \mathbb{M} 51'54	0°30'54
evening rise	-4602 Mar 30 j 21:53	11° \mathbb{M} 53'59		asc. node	-4601 Mar 11 j 09:36	18° \mathbb{M} 19'18	
	-4602 Apr 09 j 05:09	0° \mathbb{M}		evening rise	-4601 Mar 15 j 09:18	26° \mathbb{M} 52'16	
evening max el	-4602 Apr 27 j 19:30	25° \mathbb{M} 44'08	25°48'27		-4601 Mar 16 j 21:17	0° \mathbb{M}	
	-4602 May 03 j 02:09	0° \mathbb{M}			-4601 Apr 03 j 13:41	0° \mathbb{M}	
desc. node	-4602 May 06 j 10:39	1° \mathbb{M} 48'15		evening max el	-4601 Apr 09 j 12:19	6° \mathbb{M} 39'38	24°23'41
retrograde	-4602 May 11 j 21:38	2° \mathbb{M} 58'43		retrograde	-4601 Apr 23 j 09:50	13° \mathbb{M} 39'32	
evening set	-4602 May 17 j 16:05	1° \mathbb{M} 38'39		desc. node	-4601 Apr 23 j 07:47	13° \mathbb{M} 39'31	
	-4602 May 20 j 16:03	30° \mathbb{M}		evening set	-4601 Apr 27 j 21:29	12° \mathbb{M} 54'17	
min. Earth dist.	-4602 May 22 j 08:02	28° \mathbb{M} 53'05	0.58562 AU	min. Earth dist.	-4601 May 04 j 00:14	9° \mathbb{M} 51'42	0.56771 AU
inferior conj	-4602 May 25 j 15:26	26° \mathbb{M} 28'12	-4°02'29	inferior conj	-4601 May 06 j 16:17	8° \mathbb{M} 09'49	-3°15'03
minimum elong	-4602 May 25 j 12:29	26° \mathbb{M} 33'38	4°02'06	minimum elong	-4601 May 06 j 10:44	8° \mathbb{M} 18'43	3°13'47
morning rise	-4602 Jun 02 j 11:34	22° \mathbb{M} 04'35		morning rise	-4601 May 15 j 03:08	4° \mathbb{M} 04'23	
direct	-4602 Jun 04 j 23:25	21° \mathbb{M} 44'13		direct	-4601 May 17 j 14:02	3° \mathbb{M} 47'58	
morning max el	-4602 Jun 13 j 01:37	25° \mathbb{M} 33'52	18°39'43	morning max el	-4601 May 27 j 00:50	8° \mathbb{M} 11'26	19°31'23
	-4602 Jun 16 j 22:33	0° \mathbb{M}		asc. node	-4601 Jun 07 j 09:22	24° \mathbb{M} 16'13	
asc. node	-4602 Jun 20 j 12:21	5° \mathbb{M} 19'06			-4601 Jun 10 j 10:33	0° \mathbb{M}	
morning set	-4602 Jun 29 j 09:43	21° \mathbb{M} 33'02		morning set	-4601 Jun 13 j 09:27	5° \mathbb{M} 49'20	
	-4602 Jul 03 j 18:14	0° \mathbb{M}					
superior conj	-4602 Jul 08 j 06:40	8° \mathbb{M} 37'13	1°49'22	superior conj	-4601 Jun 21 j 12:41	22° \mathbb{M} 05'19	1°44'22
minimum elong	-4602 Jul 08 j 06:35	8° \mathbb{M} 36'46	1°49'34	minimum elong	-4601 Jun 21 j 10:52	21° \mathbb{M} 56'23	1°44'27
max. Earth dist.	-4602 Jul 15 j 08:57	21° \mathbb{M} 32'31	1.39473 AU		-4601 Jun 25 j 15:03	0° \mathbb{M}	
evening rise	-4602 Jul 19 j 12:34	28° \mathbb{M} 42'53		max. Earth dist.	-4601 Jun 27 j 10:51	3° \mathbb{M} 25'26	1.37561 AU
	-4602 Jul 20 j 06:51	0° \mathbb{M}		evening rise	-4601 Jul 01 j 07:43	10° \mathbb{M} 28'02	
desc. node	-4602 Aug 02 j 09:25	20° \mathbb{M} 46'54			-4601 Jul 13 j 00:04	0° \mathbb{M}	
	-4602 Aug 08 j 18:09	0° \mathbb{M}		desc. node	-4601 Jul 20 j 06:26	10° \mathbb{M} 55'33	
evening max el	-4602 Aug 23 j 18:30	18° \mathbb{M} 36'35	23°57'20		-4601 Aug 04 j 04:19	0° \mathbb{M}	
retrograde	-4602 Sep 03 j 14:55	25° \mathbb{M} 00'14		evening max el	-4601 Aug 06 j 04:59	2° \mathbb{M} 05'19	25°14'38
evening set	-4602 Sep 08 j 21:21	22° \mathbb{M} 46'20		retrograde	-4601 Aug 18 j 02:16	8° \mathbb{M} 59'37	
min. Earth dist.	-4602 Sep 13 j 16:48	17° \mathbb{M} 08'59	0.67314 AU	evening set	-4601 Aug 23 j 23:42	6° \mathbb{M} 27'49	
inferior conj	-4602 Sep 14 j 04:51	16° \mathbb{M} 28'02	-0°46'20	min. Earth dist.	-4601 Aug 28 j 10:08	1° \mathbb{M} 26'39	0.66914 AU
minimum elong	-4602 Sep 14 j 05:55	16° \mathbb{M} 24'23	0°45'44	inferior conj	-4601 Aug 29 j 09:13	0° \mathbb{M} 11'03	-1°38'28
asc. node	-4602 Sep 16 j 11:32	13° \mathbb{M} 28'32		minimum elong	-4601 Aug 29 j 11:27	0° \mathbb{M} 03'43	1°37'24
morning rise	-4602 Sep 19 j 14:27	10° \mathbb{M} 19'15			-4601 Aug 29 j 12:35	30° \mathbb{M}	
				asc. node	-4601 Sep 03 j 08:39	24° \mathbb{M} 37'03	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning rise	-4601 Sep 03 j 23:16	24° ☿ 10'23		morning max el	-4600 Aug 28 j 05:33	10° ☿ 59'19	18°52'28
direct	-4601 Sep 07 j 10:53	23° ☿ 00'03			-4600 Sep 10 j 19:26	0° ♊	
morning max el	-4601 Sep 14 j 21:21	27° ☿ 17'26	19°44'30	morning set	-4600 Sep 18 j 17:15	12° ♊ 33'18	
	-4601 Sep 17 j 07:37	0° ♊			-4600 Sep 29 j 17:40	0° ♊	
	-4601 Oct 07 j 20:44	0° ♊		desc. node	-4600 Oct 02 j 03:03	3° ♊ 46'09	
morning set	-4601 Oct 10 j 00:40	3° ♊ 21'22					
desc. node	-4601 Oct 16 j 06:10	13° ♊ 04'19		superior conj	-4600 Oct 04 j 20:23	8° ♊ 03'36	-0°17'08
max. Earth dist.	-4601 Oct 22 j 13:51	23° ♊ 02'35	1.44171 AU	minimum elong	-4600 Oct 04 j 18:09	7° ♊ 54'48	0°16'44
				max. Earth dist.	-4600 Oct 04 j 06:26	7° ♊ 08'38	1.44768 AU
superior conj	-4601 Oct 26 j 17:09	29° ♊ 39'40	-1°02'58		-4600 Oct 18 j 15:41	0° ♋	
minimum elong	-4601 Oct 26 j 10:35	29° ♊ 13'16	1°02'13	evening rise	-4600 Oct 20 j 13:47	3° ♋ 05'25	
	-4601 Oct 26 j 22:12	0° ♋			-4600 Nov 06 j 21:15	0° ♋	
evening rise	-4601 Nov 09 j 14:00	22° ♋ 34'02		evening max el	-4600 Nov 10 j 15:19	4° ♋ 29'36	18°50'33
	-4601 Nov 13 j 23:31	0° ♋		asc. node	-4600 Nov 16 j 04:32	8° ♋ 11'43	
evening max el	-4601 Nov 28 j 03:46	21° ♋ 04'44	18°20'19	retrograde	-4600 Nov 17 j 10:42	8° ♋ 20'33	
asc. node	-4601 Nov 30 j 07:25	22° ♋ 58'50		evening set	-4600 Nov 20 j 13:11	7° ♋ 25'36	
retrograde	-4601 Dec 04 j 17:27	24° ♋ 39'56		inferior conj	-4600 Nov 26 j 08:44	1° ♋ 41'56	3°01'12
evening set	-4601 Dec 07 j 14:21	23° ♋ 55'53		minimum elong	-4600 Nov 26 j 05:30	1° ♋ 51'46	3°00'13
inferior conj	-4601 Dec 13 j 17:20	18° ♋ 28'46	3°36'21		-4600 Nov 27 j 18:04	30° ♋	
minimum elong	-4601 Dec 13 j 14:22	18° ♋ 37'04	3°35'38	min. Earth dist.	-4600 Nov 28 j 00:32	29° ♋ 40'30	0.65180 AU
min. Earth dist.	-4601 Dec 15 j 23:34	15° ♋ 57'11	0.63784 AU	morning rise	-4600 Dec 01 j 21:28	25° ♋ 34'21	
morning rise	-4601 Dec 19 j 13:47	12° ♋ 28'49		direct	-4600 Dec 08 j 12:37	22° ♋ 44'19	
direct	-4601 Dec 26 j 13:37	9° ♋ 39'58			-4600 Dec 21 j 06:31	0° ♌	
morning max el	-4600 Jan 09 j 04:29	17° ♌ 22'50	27°31'54	morning max el	-4600 Dec 21 j 14:04	0° ♌ 18'40	26°50'48
desc. node	-4600 Jan 12 j 06:06	20° ♌ 36'35		desc. node	-4600 Dec 29 j 03:06	8° ♌ 53'47	
	-4600 Jan 19 j 19:22	0° ♌			-4599 Jan 12 j 18:21	0° ♌	
	-4600 Feb 07 j 11:59	0° ♌		morning set	-4599 Jan 26 j 08:56	23° ♌ 55'49	
morning set	-4600 Feb 12 j 21:48	10° ♌ 21'08			-4599 Jan 29 j 11:40	0° ♌	
max. Earth dist.	-4600 Feb 18 j 01:20	20° ♌ 51'56	1.33479 AU	max. Earth dist.	-4599 Jan 30 j 19:25	2° ♌ 38'31	1.34539 AU
superior conj	-4600 Feb 20 j 16:25	26° ♌ 25'46	-0°55'07	superior conj	-4599 Feb 03 j 18:52	10° ♌ 34'11	-1°17'13
minimum elong	-4600 Feb 20 j 18:45	26° ♌ 38'13	0°54'53	minimum elong	-4599 Feb 03 j 21:49	11° ♌ 02'32	1°17'02
	-4600 Feb 22 j 08:27	0° ♍		evening rise	-4599 Feb 11 j 06:19	26° ♌ 27'43	
asc. node	-4600 Feb 26 j 06:36	8° ♍ 24'13		asc. node	-4599 Feb 12 j 03:36	28° ♌ 17'37	
evening rise	-4600 Feb 27 j 20:41	11° ♍ 45'26			-4599 Feb 12 j 23:38	0° ♍	
	-4600 Mar 08 j 07:19	0° ♍		evening max el	-4599 Mar 03 j 03:35	28° ♍ 21'38	21°19'52
evening max el	-4600 Mar 21 j 04:55	17° ♍ 23'04	22°49'43		-4599 Mar 05 j 00:25	0° ♍	
retrograde	-4600 Apr 03 j 09:39	23° ♍ 51'16		retrograde	-4599 Mar 14 j 23:58	4° ♍ 01'35	
evening set	-4600 Apr 06 j 15:25	23° ♍ 28'16		evening set	-4599 Mar 17 j 12:17	3° ♍ 47'09	
desc. node	-4600 Apr 09 j 04:56	22° ♍ 40'00			-4599 Mar 26 j 09:38	30° ♍	
min. Earth dist.	-4600 Apr 14 j 14:51	19° ♍ 56'54	0.55555 AU	inferior conj	-4599 Mar 26 j 18:27	29° ♍ 47'33	0°05'18
inferior conj	-4600 Apr 15 j 22:31	19° ♍ 11'10	-1°48'14	minimum elong	-4599 Mar 26 j 18:41	29° ♍ 47'13	0°05'04
minimum elong	-4600 Apr 15 j 17:57	19° ♍ 17'47	1°46'50	transit middle	-4599 Mar 26 j 18:41	29° ♍ 47'13	0°05'04
morning rise	-4600 Apr 24 j 22:39	15° ♍ 13'34		transit begin	-4599 Mar 26 j 14:48	29° ♍ 52'42	
direct	-4600 Apr 27 j 10:56	14° ♍ 58'40		transit end	-4599 Mar 26 j 22:34	29° ♍ 41'43	
morning max el	-4600 May 08 j 13:49	20° ♍ 10'27	20°42'57	min. Earth dist.	-4599 Mar 27 j 05:09	29° ♍ 32'25	0.55195 AU
	-4600 May 16 j 12:02	0° ♎		desc. node	-4599 Mar 27 j 02:07	29° ♍ 36'43	
asc. node	-4600 May 24 j 06:22	13° ♎ 41'26		morning rise	-4599 Apr 05 j 00:53	25° ♍ 41'23	
morning set	-4600 May 27 j 15:22	20° ♎ 27'20		direct	-4599 Apr 07 j 23:29	25° ♍ 22'22	
	-4600 Jun 01 j 06:15	0° ♎			-4599 Apr 19 j 00:16	0° ♎	
superior conj	-4600 Jun 04 j 06:21	6° ♎ 10'54	1°32'27	morning max el	-4599 Apr 20 j 15:53	1° ♎ 27'35	22°11'27
minimum elong	-4600 Jun 04 j 03:44	5° ♎ 57'33	1°32'19		-4599 May 09 j 10:34	0° ♎	
max. Earth dist.	-4600 Jun 08 j 18:15	15° ♎ 11'16	1.35871 AU	asc. node	-4599 May 11 j 03:20	3° ♎ 27'02	
evening rise	-4600 Jun 12 j 23:57	23° ♎ 17'59		morning set	-4599 May 12 j 01:13	5° ♎ 20'06	
	-4600 Jun 16 j 16:02	0° ♏		superior conj	-4599 May 19 j 08:03	20° ♎ 42'31	1°15'35
	-4600 Jul 05 j 15:32	0° ☿		minimum elong	-4599 May 19 j 05:23	20° ♎ 28'28	1°15'15
desc. node	-4600 Jul 06 j 03:29	0° ☿ 40'57		max. Earth dist.	-4599 May 22 j 11:28	27° ♎ 14'42	1.34523 AU
evening max el	-4600 Jul 18 j 15:46	15° ☿ 35'30	26°20'17		-4599 May 23 j 19:53	0° ♏	
retrograde	-4600 Jul 31 j 08:58	22° ☿ 49'29		evening rise	-4599 May 27 j 07:51	6° ♏ 56'45	
evening set	-4600 Aug 06 j 20:19	20° ☿ 05'10			-4599 Jun 09 j 06:43	0° ♏	
min. Earth dist.	-4600 Aug 10 j 22:37	15° ☿ 42'04	0.66174 AU	desc. node	-4599 Jun 23 j 00:36	19° ♏ 52'40	
inferior conj	-4600 Aug 12 j 09:51	13° ☿ 53'10	-2°27'39	evening max el	-4599 Jul 01 j 03:12	28° ♏ 59'26	27°06'08
minimum elong	-4600 Aug 12 j 13:01	13° ☿ 43'21	2°26'21		-4599 Jul 02 j 04:56	0° ♏	
morning rise	-4600 Aug 18 j 05:56	8° ☿ 03'37		retrograde	-4599 Jul 14 j 10:22	6° ☿ 22'09	
asc. node	-4600 Aug 20 j 05:46	7° ☿ 15'09		evening set	-4599 Jul 21 j 08:35	3° ☿ 34'14	
direct	-4600 Aug 21 j 08:53	7° ☿ 07'52			-4599 Jul 24 j 23:54	30° ♏	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

min. Earth dist.	-4599 Jul 25 j 03:51	29° Π 48'59	0.65065 AU	inferior conj	-4598 Jul 10 j 14:45	10° Π 56'39	-3°47'23
inferior conj	-4599 Jul 27 j 04:33	27° Π 30'02	-3°11'39	minimum elong	-4598 Jul 10 j 18:05	10° Π 48'03	3°46'33
minimum elong	-4599 Jul 27 j 08:12	27° Π 19'37	3°10'26	morning rise	-4598 Jul 17 j 03:39	5° Π 39'08	
morning rise	-4599 Aug 02 j 08:15	21° Π 54'55		direct	-4598 Jul 19 j 20:04	5° Π 03'38	
direct	-4599 Aug 05 j 04:54	21° Π 10'35		asc. node	-4598 Jul 24 j 23:56	7° Π 13'39	
asc. node	-4599 Aug 07 j 02:52	21° Π 30'18		morning max el	-4598 Jul 26 j 08:53	8° Π 28'16	17°58'56
morning max el	-4599 Aug 11 j 18:11	24° Π 44'19	18°16'54		-4598 Aug 09 j 15:43	0° \mathfrak{C}	
	-4599 Aug 16 j 01:51	0° \mathfrak{C}		morning set	-4598 Aug 12 j 09:45	4° \mathfrak{C} 46'49	
morning set	-4599 Aug 30 j 12:46	23° \mathfrak{C} 03'35					
	-4599 Sep 03 j 17:44	0° \mathcal{O}		superior conj	-4598 Aug 24 j 18:58	25° \mathfrak{C} 49'42	1°11'36
				minimum elong	-4598 Aug 25 j 00:53	26° \mathfrak{C} 14'05	1°11'10
superior conj	-4599 Sep 13 j 21:57	16° \mathcal{O} 26'57	0°31'47		-4598 Aug 27 j 08:01	0° \mathcal{O}	
minimum elong	-4599 Sep 14 j 01:46	16° \mathcal{O} 42'12	0°31'28	max. Earth dist.	-4598 Aug 30 j 16:32	5° \mathcal{O} 25'32	1.43814 AU
max. Earth dist.	-4599 Sep 17 j 00:22	21° \mathcal{O} 22'15	1.44642 AU	desc. node	-4598 Sep 05 j 20:55	15° \mathcal{O} 13'27	
desc. node	-4599 Sep 18 j 23:58	24° \mathcal{O} 30'06		evening rise	-4598 Sep 09 j 18:20	21° \mathcal{O} 16'55	
	-4599 Sep 22 j 11:56	0° \mathfrak{M}			-4598 Sep 15 j 10:45	0° \mathfrak{M}	
evening rise	-4599 Sep 30 j 12:35	12° \mathfrak{M} 32'34			-4598 Oct 06 j 19:00	0° \mathfrak{L}	
	-4599 Oct 11 j 19:19	0° \mathfrak{L}		evening max el	-4598 Oct 08 j 01:46	1° \mathfrak{L} 22'28	20°38'28
greatest brilliancy	-4599 Oct 12 j 06:27	0° \mathfrak{L} 42'19	-0.7m	retrograde	-4598 Oct 16 j 04:14	6° \mathfrak{L} 09'14	
evening max el	-4599 Oct 24 j 23:16	17° \mathfrak{L} 56'16	19°37'18	evening set	-4598 Oct 20 j 00:15	4° \mathfrak{L} 44'46	
retrograde	-4599 Nov 01 j 07:05	22° \mathfrak{L} 11'16		asc. node	-4598 Oct 20 j 22:51	3° \mathfrak{L} 58'11	
asc. node	-4599 Nov 03 j 01:41	21° \mathfrak{L} 52'59			-4598 Oct 24 j 09:39	30° \mathfrak{R} \mathfrak{M}	
evening set	-4599 Nov 04 j 17:14	21° \mathfrak{L} 02'53		inferior conj	-4598 Oct 25 j 10:19	28° \mathfrak{M} 37'05	1°29'17
inferior conj	-4599 Nov 10 j 07:12	15° \mathfrak{L} 05'37	2°17'54	minimum elong	-4598 Oct 25 j 08:22	28° \mathfrak{M} 43'44	1°28'32
minimum elong	-4599 Nov 10 j 04:23	15° \mathfrak{L} 14'45	2°16'54	min. Earth dist.	-4598 Oct 26 j 01:04	27° \mathfrak{M} 47'08	0.66919 AU
min. Earth dist.	-4599 Nov 11 j 09:44	13° \mathfrak{L} 39'19	0.66219 AU	morning rise	-4598 Oct 30 j 16:18	22° \mathfrak{M} 21'41	
morning rise	-4599 Nov 15 j 15:18	8° \mathfrak{L} 52'53		direct	-4598 Nov 05 j 03:14	20° \mathfrak{M} 00'05	
direct	-4599 Nov 21 j 17:20	6° \mathfrak{L} 13'27		morning max el	-4598 Nov 16 j 08:02	26° \mathfrak{M} 40'33	24°24'37
morning max el	-4599 Dec 03 j 23:15	13° \mathfrak{L} 26'57	25°45'19		-4598 Nov 19 j 10:12	0° \mathfrak{L}	
desc. node	-4599 Dec 16 j 00:04	27° \mathfrak{L} 58'52		desc. node	-4598 Dec 02 j 21:00	17° \mathfrak{L} 37'46	
	-4599 Dec 17 j 11:08	0° \mathfrak{M}			-4598 Dec 11 j 02:23	0° \mathfrak{M}	
	-4598 Jan 05 j 11:51	0° \mathfrak{J}		morning set	-4598 Dec 22 j 04:47	18° \mathfrak{M} 19'25	
morning set	-4598 Jan 09 j 05:11	6° \mathfrak{J} 40'41		max. Earth dist.	-4598 Dec 26 j 00:01	25° \mathfrak{M} 04'04	1.37924 AU
max. Earth dist.	-4598 Jan 13 j 01:59	13° \mathfrak{J} 54'48	1.36043 AU		-4598 Dec 28 j 16:39	0° \mathfrak{J}	
superior conj	-4598 Jan 18 j 13:38	24° \mathfrak{J} 40'39	-1°35'51	superior conj	-4597 Jan 01 j 21:16	7° \mathfrak{J} 55'38	-1°48'55
minimum elong	-4598 Jan 18 j 16:36	24° \mathfrak{J} 55'32	1°35'48	minimum elong	-4597 Jan 01 j 23:17	8° \mathfrak{J} 05'17	1°49'01
	-4598 Jan 21 j 04:40	0° \mathfrak{Z}		evening rise	-4597 Jan 10 j 12:19	24° \mathfrak{J} 54'20	
evening rise	-4598 Jan 26 j 12:17	10° \mathfrak{Z} 53'04			-4597 Jan 13 j 02:39	0° \mathfrak{Z}	
asc. node	-4598 Jan 30 j 00:39	17° \mathfrak{Z} 54'26		asc. node	-4597 Jan 16 j 21:43	7° \mathfrak{Z} 07'44	
	-4598 Feb 05 j 18:57	0° \mathfrak{A}		evening max el	-4597 Jan 27 j 06:45	21° \mathfrak{Z} 57'07	19°05'36
evening max el	-4598 Feb 13 j 12:04	9° \mathfrak{A} 52'08	20°03'36	retrograde	-4597 Feb 04 j 22:06	26° \mathfrak{Z} 05'03	
retrograde	-4598 Feb 23 j 16:05	14° \mathfrak{A} 41'09		evening set	-4597 Feb 07 j 07:54	25° \mathfrak{Z} 47'10	
evening set	-4598 Feb 26 j 00:13	14° \mathfrak{A} 26'59		inferior conj	-4597 Feb 15 j 08:39	21° \mathfrak{Z} 33'09	3°14'01
inferior conj	-4598 Mar 06 j 17:53	10° \mathfrak{A} 26'54	1°54'55	minimum elong	-4597 Feb 15 j 13:24	21° \mathfrak{Z} 24'54	3°12'48
minimum elong	-4598 Mar 06 j 22:21	10° \mathfrak{A} 20'07	1°53'22	min. Earth dist.	-4597 Feb 18 j 10:19	19° \mathfrak{Z} 26'02	0.57112 AU
min. Earth dist.	-4598 Mar 08 j 19:18	9° \mathfrak{A} 12'08	0.55761 AU	morning rise	-4597 Feb 23 j 16:20	16° \mathfrak{Z} 33'20	
desc. node	-4598 Mar 13 j 23:17	6° \mathfrak{A} 33'20		direct	-4597 Feb 28 j 19:48	15° \mathfrak{Z} 31'14	
morning rise	-4598 Mar 15 j 18:27	5° \mathfrak{A} 56'51		desc. node	-4597 Feb 28 j 20:25	15° \mathfrak{Z} 31'14	
direct	-4598 Mar 19 j 15:58	5° \mathfrak{A} 23'25		morning max el	-4597 Mar 15 j 00:31	22° \mathfrak{Z} 49'04	25°25'12
morning max el	-4598 Apr 02 j 09:35	12° \mathfrak{A} 12'52	23°49'41		-4597 Mar 21 j 09:49	0° \mathfrak{A}	
	-4598 Apr 15 j 20:29	0° \mathfrak{H}			-4597 Apr 08 j 10:19	0° \mathfrak{H}	
morning set	-4598 Apr 26 j 13:09	20° \mathfrak{H} 21'48		morning set	-4597 Apr 11 j 01:22	5° \mathfrak{H} 24'59	
asc. node	-4598 Apr 28 j 00:18	23° \mathfrak{H} 27'21		asc. node	-4597 Apr 14 j 21:17	13° \mathfrak{H} 36'27	
	-4598 May 01 j 01:32	0° \mathfrak{Y}					
				superior conj	-4597 Apr 18 j 01:27	20° \mathfrak{H} 31'01	0°32'26
superior conj	-4598 May 03 j 15:10	5° \mathfrak{Y} 32'04	0°55'13	minimum elong	-4597 Apr 18 j 00:04	20° \mathfrak{H} 23'29	0°32'06
minimum elong	-4598 May 03 j 12:58	5° \mathfrak{Y} 20'13	0°54'49	max. Earth dist.	-4597 Apr 19 j 00:23	22° \mathfrak{H} 35'41	1.32912 AU
max. Earth dist.	-4598 May 05 j 14:30	9° \mathfrak{Y} 45'07	1.33543 AU		-4597 Apr 22 j 11:03	0° \mathfrak{Y}	
evening rise	-4598 May 11 j 02:57	21° \mathfrak{Y} 10'54		evening rise	-4597 Apr 25 j 05:40	5° \mathfrak{Y} 47'59	
	-4598 May 15 j 15:46	0° \mathfrak{B}			-4597 May 08 j 06:35	0° \mathfrak{B}	
	-4598 Jun 03 j 05:08	0° \mathfrak{I}		evening max el	-4597 May 26 j 20:45	24° \mathfrak{B} 39'04	27°12'34
desc. node	-4598 Jun 09 j 21:45	8° \mathfrak{I} 16'22		desc. node	-4597 May 27 j 18:55	25° \mathfrak{B} 30'52	
evening max el	-4598 Jun 13 j 13:46	12° \mathfrak{I} 05'20	27°25'08		-4597 Jun 02 j 19:41	0° \mathfrak{I}	
retrograde	-4598 Jun 27 j 05:52	19° \mathfrak{I} 29'45		retrograde	-4597 Jun 09 j 18:51	2° \mathfrak{I} 02'21	
evening set	-4598 Jul 04 j 09:20	16° \mathfrak{I} 50'11			-4597 Jun 16 j 09:13	30° \mathfrak{R} \mathfrak{B}	
min. Earth dist.	-4598 Jul 07 j 23:58	13° \mathfrak{I} 38'23	0.63579 AU	evening set	-4597 Jun 16 j 18:40	29° \mathfrak{B} 45'10	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

min. Earth dist.	-4597 Jun 20 j 10:05	26° ♁ 56'13	0.61749 AU	retrograde	-4596 May 22 j 00:11	13° ♁ 52'16	
inferior conj	-4597 Jun 23 j 13:14	24° ♁ 04'54	-4°10'16	evening set	-4596 May 28 j 08:36	12° ♁ 09'44	
minimum elong	-4597 Jun 23 j 15:05	24° ♁ 00'41	4°09'58	min. Earth dist.	-4596 Jun 01 j 11:17	9° ♁ 27'38	0.59720 AU
morning rise	-4597 Jun 30 j 12:58	19° ♁ 07'47		inferior conj	-4596 Jun 04 j 20:27	6° ♁ 46'27	-4°13'23
direct	-4597 Jul 03 j 02:51	18° ♁ 39'14		minimum elong	-4596 Jun 04 j 19:29	6° ♁ 48'24	4°13'14
morning max el	-4597 Jul 09 j 22:57	22° ♁ 04'22	17°59'27	morning rise	-4596 Jun 12 j 08:42	2° ♁ 10'53	
asc. node	-4597 Jul 11 j 20:58	24° ♁ 09'16		direct	-4596 Jun 14 j 21:00	1° ♁ 47'57	
	-4597 Jul 16 j 02:02	0° ♁		morning max el	-4596 Jun 22 j 09:30	5° ♁ 25'05	18°19'14
morning set	-4597 Jul 26 j 02:52	17° ♁ 27'50		asc. node	-4596 Jun 27 j 18:00	12° ♁ 02'06	
	-4597 Aug 02 j 01:36	0° ♁			-4596 Jul 07 j 23:40	0° ♁	
				morning set	-4596 Jul 08 j 10:58	0° ♁ 53'38	
superior conj	-4597 Aug 05 j 19:37	6° ♁ 34'52	1°36'50				
minimum elong	-4597 Aug 05 j 23:46	6° ♁ 52'49	1°36'46	superior conj	-4596 Jul 17 j 21:22	18° ♁ 35'20	1°48'07
max. Earth dist.	-4597 Aug 13 j 03:35	18° ♁ 58'21	1.42392 AU	minimum elong	-4596 Jul 17 j 22:41	18° ♁ 41'22	1°48'18
	-4597 Aug 19 j 23:39	0° ♁			-4596 Jul 24 j 07:24	0° ♁	
evening rise	-4597 Aug 20 j 01:16	0° ♁ 06'22		max. Earth dist.	-4596 Jul 25 j 08:26	1° ♁ 47'47	1.40586 AU
desc. node	-4597 Aug 23 j 17:55	5° ♁ 52'53		evening rise	-4596 Jul 30 j 03:38	9° ♁ 51'35	
	-4597 Sep 09 j 01:44	0° ♁		desc. node	-4596 Aug 09 j 14:55	26° ♁ 24'13	
evening max el	-4597 Sep 20 j 21:54	14° ♁ 47'31	21°51'08		-4596 Aug 12 j 00:20	0° ♁	
retrograde	-4597 Sep 30 j 00:19	20° ♁ 11'56		evening max el	-4596 Sep 02 j 12:29	28° ♁ 12'27	23°10'51
evening set	-4597 Oct 04 j 08:18	18° ♁ 29'09			-4596 Sep 04 j 09:41	0° ♁	
asc. node	-4597 Oct 07 j 19:58	14° ♁ 43'46		retrograde	-4596 Sep 12 j 17:47	4° ♁ 15'51	
inferior conj	-4597 Oct 09 j 16:06	12° ♁ 14'31	0°37'31	evening set	-4596 Sep 17 j 15:33	2° ♁ 13'27	
minimum elong	-4597 Oct 09 j 15:14	12° ♁ 17'30	0°37'14		-4596 Sep 19 j 19:58	30° ♁	
min. Earth dist.	-4597 Oct 09 j 20:13	12° ♁ 00'20	0.67304 AU	inferior conj	-4596 Sep 22 j 22:41	25° ♁ 55'27	-0°15'43
morning rise	-4597 Oct 14 j 22:03	5° ♁ 59'09		minimum elong	-4596 Sep 22 j 23:03	25° ♁ 54'12	0°15'25
direct	-4597 Oct 19 j 17:48	3° ♁ 58'30		transit middle	-4596 Sep 22 j 23:03	25° ♁ 54'12	0°15'25
morning max el	-4597 Oct 29 j 18:19	9° ♁ 57'30	22°58'25	transit begin	-4596 Sep 22 j 22:09	25° ♁ 57'18	
	-4597 Nov 14 j 12:03	0° ♁		transit end	-4596 Sep 22 j 23:57	25° ♁ 51'06	
desc. node	-4597 Nov 19 j 17:56	7° ♁ 40'59		min. Earth dist.	-4596 Sep 22 j 16:37	26° ♁ 16'18	0.67393 AU
morning set	-4597 Dec 03 j 01:56	28° ♁ 38'37		asc. node	-4596 Sep 23 j 17:06	24° ♁ 52'20	
	-4597 Dec 03 j 21:34	0° ♁		morning rise	-4596 Sep 28 j 06:26	19° ♁ 43'09	
max. Earth dist.	-4597 Dec 07 j 20:24	6° ♁ 40'40	1.39984 AU	direct	-4596 Oct 02 j 12:14	18° ♁ 03'30	
				morning max el	-4596 Oct 11 j 09:02	23° ♁ 18'56	21°35'05
superior conj	-4597 Dec 15 j 13:19	20° ♁ 20'45	-1°53'34		-4596 Oct 17 j 02:49	0° ♁	
minimum elong	-4597 Dec 15 j 13:04	20° ♁ 19'35	1°53'43	desc. node	-4596 Nov 05 j 14:49	28° ♁ 00'50	
	-4597 Dec 20 j 17:38	0° ♁			-4596 Nov 06 j 21:48	0° ♁	
evening rise	-4597 Dec 25 j 03:42	8° ♁ 25'09		morning set	-4596 Nov 11 j 18:50	7° ♁ 37'13	
asc. node	-4596 Jan 03 j 18:48	25° ♁ 49'51		max. Earth dist.	-4596 Nov 18 j 21:34	19° ♁ 06'45	1.41946 AU
	-4596 Jan 06 j 13:43	0° ♁			-4596 Nov 25 j 08:37	0° ♁	
evening max el	-4596 Jan 10 j 10:02	4° ♁ 32'47	18°27'34				
retrograde	-4596 Jan 17 j 22:26	8° ♁ 14'16		superior conj	-4596 Nov 26 j 08:10	1° ♁ 41'43	-1°46'16
evening set	-4596 Jan 20 j 11:01	7° ♁ 50'35		minimum elong	-4596 Nov 26 j 04:28	1° ♁ 25'44	1°46'10
inferior conj	-4596 Jan 27 j 19:42	3° ♁ 16'43	3°55'13	evening rise	-4596 Dec 07 j 06:55	21° ♁ 17'07	
minimum elong	-4596 Jan 27 j 21:56	3° ♁ 12'10	3°54'47		-4596 Dec 12 j 02:08	0° ♁	
min. Earth dist.	-4596 Jan 31 j 04:42	0° ♁ 34'11	0.58957 AU	asc. node	-4596 Dec 20 j 15:52	13° ♁ 50'39	
	-4596 Jan 31 j 22:53	30° ♁		evening max el	-4596 Dec 23 j 19:17	17° ♁ 31'10	18°09'35
morning rise	-4596 Feb 04 j 06:44	27° ♁ 52'10		retrograde	-4596 Dec 30 j 15:22	21° ♁ 00'32	
direct	-4596 Feb 10 j 12:39	26° ♁ 11'12		evening set	-4595 Jan 02 j 06:46	20° ♁ 29'48	
desc. node	-4596 Feb 15 j 17:30	27° ♁ 18'10		inferior conj	-4595 Jan 09 j 01:54	15° ♁ 34'24	4°04'38
	-4596 Feb 20 j 09:25	0° ♁		minimum elong	-4595 Jan 09 j 01:21	15° ♁ 35'40	4°04'24
morning max el	-4596 Feb 24 j 18:36	3° ♁ 44'18	26°42'41	min. Earth dist.	-4595 Jan 12 j 05:12	12° ♁ 40'01	0.60960 AU
	-4596 Mar 14 j 21:15	0° ♁		morning rise	-4595 Jan 15 j 18:34	9° ♁ 52'41	
morning set	-4596 Mar 25 j 12:09	20° ♁ 23'13		direct	-4595 Jan 22 j 16:23	7° ♁ 35'09	
	-4596 Mar 30 j 00:07	0° ♁		desc. node	-4595 Feb 01 j 14:33	11° ♁ 37'49	
asc. node	-4596 Mar 31 j 18:16	3° ♁ 49'55		morning max el	-4595 Feb 05 j 18:36	15° ♁ 15'30	27°29'56
					-4595 Feb 17 j 19:35	0° ♁	
superior conj	-4596 Apr 01 j 13:07	5° ♁ 33'04	0°08'11		-4595 Mar 07 j 06:31	0° ♁	
minimum elong	-4596 Apr 01 j 12:46	5° ♁ 31'06	0°08'00	morning set	-4595 Mar 09 j 19:37	5° ♁ 09'25	
behind sun begin	-4596 Apr 01 j 08:26	5° ♁ 07'24		max. Earth dist.	-4595 Mar 16 j 02:13	18° ♁ 30'29	1.32656 AU
behind sun end	-4596 Apr 01 j 17:06	5° ♁ 54'49					
max. Earth dist.	-4596 Apr 01 j 13:30	5° ♁ 35'09	1.32614 AU	superior conj	-4595 Mar 17 j 00:31	20° ♁ 31'58	-0°16'44
evening rise	-4596 Apr 08 j 13:22	20° ♁ 39'01		minimum elong	-4595 Mar 17 j 01:16	20° ♁ 36'04	0°16'43
	-4596 Apr 13 j 04:33	0° ♁		asc. node	-4595 Mar 18 j 15:15	24° ♁ 03'26	
	-4596 May 01 j 23:17	0° ♁			-4595 Mar 21 j 08:53	0° ♁	
evening max el	-4596 May 07 j 22:10	6° ♁ 32'29	26°27'32	evening rise	-4595 Mar 23 j 23:57	5° ♁ 36'22	
desc. node	-4596 May 13 j 16:05	11° ♁ 07'50			-4595 Apr 06 j 00:23	0° ♁	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening max el	-4595 Apr 19 j 17:43	17° Υ 46'30	25°14'34		-4594 Apr 02 j 23:49	0° Υ	
desc. node	-4595 Apr 30 j 13:13	24° Υ 31'41		retrograde	-4594 Apr 15 j 01:54	5° Υ 21'55	
retrograde	-4595 May 03 j 19:24	24° Υ 56'36		desc. node	-4594 Apr 17 j 10:23	5° Υ 09'33	
evening set	-4595 May 09 j 01:06	23° Υ 52'42		evening set	-4594 Apr 18 j 24:00	4° Υ 48'04	
min. Earth dist.	-4595 May 14 j 06:11	21° Υ 01'10	0.57745 AU	min. Earth dist.	-4594 Apr 25 j 21:27	1° Υ 34'54	0.56161 AU
inferior conj	-4595 May 17 j 09:01	18° Υ 52'28	-3°47'14	inferior conj	-4594 Apr 28 j 01:27	0° Υ 16'10	-2°42'50
minimum elong	-4595 May 17 j 04:42	18° Υ 59'57	3°46'29	minimum elong	-4594 Apr 27 j 19:44	0° Υ 24'51	2°41'19
morning rise	-4595 May 25 j 11:19	14° Υ 37'05			-4594 Apr 28 j 12:07	30° \Re	
direct	-4595 May 27 j 22:31	14° Υ 18'40		morning rise	-4594 May 06 j 18:19	26° \Re 15'28	
morning max el	-4595 Jun 05 j 13:37	18° Υ 21'21	18°59'09	direct	-4594 May 09 j 05:26	25° \Re 59'59	
	-4595 Jun 14 j 05:47	0° \Im			-4594 May 18 j 13:31	0° Υ	
asc. node	-4595 Jun 14 j 15:01	0° \Im 39'14		morning max el	-4594 May 19 j 08:35	0° Υ 42'41	19°59'30
morning set	-4595 Jun 22 j 06:02	14° \Im 54'36		asc. node	-4594 Jun 01 j 12:00	19° Υ 49'11	
	-4595 Jun 29 j 22:39	0° Π		morning set	-4594 Jun 06 j 08:45	29° Υ 21'14	
					-4594 Jun 06 j 16:25	0° \Im	
superior conj	-4595 Jun 30 j 18:41	1° Π 36'13	1°48'14	superior conj	-4594 Jun 14 j 06:09	15° \Im 21'36	1°40'02
minimum elong	-4595 Jun 30 j 17:44	1° Π 31'41	1°48'24	minimum elong	-4594 Jun 14 j 03:54	15° \Im 10'18	1°40'01
max. Earth dist.	-4595 Jul 07 j 10:06	13° Π 57'50	1.38647 AU	max. Earth dist.	-4594 Jun 19 j 14:03	25° \Im 46'00	1.36810 AU
evening rise	-4595 Jul 11 j 08:32	20° Π 54'48			-4594 Jun 21 j 20:07	0° Π	
	-4595 Jul 16 j 17:59	0° \Im		evening rise	-4594 Jun 23 j 13:23	3° Π 09'31	
desc. node	-4595 Jul 27 j 11:57	16° \Im 43'07			-4594 Jul 09 j 18:19	0° \Im	
	-4595 Aug 06 j 00:32	0° Ω		desc. node	-4594 Jul 14 j 09:00	6° \Im 42'59	
evening max el	-4595 Aug 15 j 23:55	11° Ω 40'32	24°31'09	evening max el	-4594 Jul 29 j 10:35	25° \Im 11'13	25°44'25
retrograde	-4595 Aug 27 j 07:31	18° Ω 18'14			-4594 Aug 04 j 06:34	0° Ω	
evening set	-4595 Sep 01 j 20:14	15° Ω 56'37		retrograde	-4594 Aug 10 j 16:46	2° Ω 14'21	
min. Earth dist.	-4595 Sep 06 j 11:51	10° Ω 34'06	0.67187 AU		-4594 Aug 16 j 09:13	30° \Re	
inferior conj	-4595 Sep 07 j 04:23	9° Ω 38'37	-1°08'42	evening set	-4594 Aug 16 j 20:25	29° \Im 36'33	
minimum elong	-4595 Sep 07 j 05:58	9° Ω 33'18	1°07'52	min. Earth dist.	-4594 Aug 21 j 03:24	24° \Im 51'27	0.66653 AU
asc. node	-4595 Sep 10 j 14:13	5° Ω 24'06		inferior conj	-4594 Aug 22 j 07:25	23° \Im 21'41	-1°59'48
morning rise	-4595 Sep 12 j 15:40	3° Ω 32'39		minimum elong	-4594 Aug 22 j 10:06	23° \Im 13'07	1°58'36
direct	-4595 Sep 16 j 09:23	2° Ω 12'15		morning rise	-4594 Aug 27 j 23:52	17° \Im 25'21	
morning max el	-4595 Sep 24 j 06:32	6° Ω 48'21	20°21'03	asc. node	-4594 Aug 28 j 11:20	17° \Im 08'18	
	-4595 Oct 11 j 09:14	0° \P		direct	-4594 Aug 31 j 07:37	16° \Im 21'27	
morning set	-4595 Oct 21 j 18:15	15° \P 51'12		morning max el	-4594 Sep 07 j 11:12	20° \Im 26'16	19°20'23
desc. node	-4595 Oct 23 j 11:43	18° \P 32'20			-4594 Sep 14 j 23:55	0° Ω	
	-4595 Oct 30 j 18:13	0° $\underline{\Omega}$		morning set	-4594 Sep 30 j 22:58	24° Ω 27'11	
max. Earth dist.	-4595 Nov 01 j 06:22	2° $\underline{\Omega}$ 24'40	1.43531 AU		-4594 Oct 04 j 12:02	0° \P	
superior conj	-4595 Nov 07 j 00:37	11° $\underline{\Omega}$ 46'44	-1°23'33	desc. node	-4594 Oct 10 j 08:38	9° \P 11'23	
minimum elong	-4595 Nov 06 j 18:03	11° $\underline{\Omega}$ 19'42	1°22'58	max. Earth dist.	-4594 Oct 14 j 21:31	16° \P 20'38	1.44521 AU
	-4595 Nov 17 j 19:14	0° \P		superior conj	-4594 Oct 17 j 14:28	20° \P 38'13	-0°44'42
evening rise	-4595 Nov 19 j 17:48	3° \P 21'56		minimum elong	-4594 Oct 17 j 09:08	20° \P 16'58	0°44'00
	-4595 Dec 06 j 14:37	0° \Re			-4594 Oct 23 j 10:43	0° $\underline{\Omega}$	
evening max el	-4595 Dec 07 j 07:35	0° \Re 44'39	18°11'03	evening rise	-4594 Nov 01 j 07:38	14° $\underline{\Omega}$ 30'18	
asc. node	-4595 Dec 07 j 12:58	0° \Re 58'03			-4594 Nov 10 j 17:32	0° \P	
retrograde	-4595 Dec 13 j 21:03	0° \Re 14'25		evening max el	-4594 Nov 20 j 20:09	14° \P 06'53	18°31'04
evening set	-4595 Dec 16 j 15:43	3° \Re 35'30		asc. node	-4594 Nov 24 j 10:04	16° \P 57'34	
	-4595 Dec 21 j 08:44	30° \Re		retrograde	-4594 Nov 27 j 11:15	17° \P 47'35	
inferior conj	-4595 Dec 22 j 23:53	28° \P 19'14	3°51'18	evening set	-4594 Nov 30 j 10:24	16° \P 58'59	
minimum elong	-4595 Dec 22 j 21:29	28° \P 25'32	3°50'48	inferior conj	-4594 Dec 06 j 09:56	11° \P 24'14	3°22'38
min. Earth dist.	-4595 Dec 25 j 14:28	25° \P 34'58	0.62838 AU	minimum elong	-4594 Dec 06 j 06:46	11° \P 33'28	3°21'47
morning rise	-4595 Dec 29 j 02:30	22° \P 25'16		min. Earth dist.	-4594 Dec 08 j 09:50	9° \P 04'54	0.64422 AU
direct	-4594 Jan 05 j 04:29	19° \P 43'33		morning rise	-4594 Dec 12 j 02:42	5° \P 20'52	
morning max el	-4594 Jan 19 j 00:10	27° \P 26'13	27°41'22	direct	-4594 Dec 18 j 23:31	2° \P 30'12	
desc. node	-4594 Jan 19 j 11:35	27° \P 54'35		morning max el	-4593 Jan 01 j 09:16	10° \P 09'57	27°18'02
	-4594 Jan 21 j 11:26	0° \Re		desc. node	-4593 Jan 06 j 08:36	15° \P 35'33	
	-4594 Feb 11 j 10:41	0° \Im			-4593 Jan 17 j 02:22	0° \Re	
morning set	-4594 Feb 21 j 21:33	19° \Im 35'35			-4593 Feb 03 j 19:08	0° \Im	
	-4594 Feb 26 j 21:57	0° \approx		morning set	-4593 Feb 05 j 15:10	3° \Im 32'46	
max. Earth dist.	-4594 Feb 27 j 10:45	1° \approx 08'13	1.33066 AU	max. Earth dist.	-4593 Feb 10 j 11:25	13° \Im 17'21	1.33878 AU
superior conj	-4594 Mar 01 j 09:57	5° \approx 21'27	-0°41'24	superior conj	-4593 Feb 13 j 15:35	19° \Im 55'24	-1°04'48
minimum elong	-4594 Mar 01 j 11:45	5° \approx 31'13	0°41'14	minimum elong	-4593 Feb 13 j 18:14	20° \Im 09'25	1°04'35
asc. node	-4594 Mar 05 j 12:14	14° \approx 12'38			-4593 Feb 18 j 09:17	0° \approx	
evening rise	-4594 Mar 08 j 11:34	20° \approx 33'02		asc. node	-4593 Feb 20 j 09:14	4° \approx 13'29	
	-4594 Mar 13 j 03:00	0° \Re		evening rise	-4593 Feb 20 j 22:29	5° \approx 22'53	
evening max el	-4594 Apr 01 j 09:53	28° \Re 33'56	23°44'08				

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4593 Mar 06 j 11:06	0°♄		evening rise	-4592 Feb 05 j 06:48	19°♄58'26	
evening max el	-4593 Mar 14 j 04:20	9°♄20'35	22°10'17	asc. node	-4592 Feb 07 j 06:15	24°♄00'17	
retrograde	-4593 Mar 26 j 20:38	15°♄29'45			-4592 Feb 10 j 07:30	0°♄	
evening set	-4593 Mar 29 j 17:26	15°♄11'34		evening max el	-4592 Feb 24 j 06:44	20°♄30'26	20°45'21
desc. node	-4593 Apr 04 j 07:32	13°♄06'52		retrograde	-4592 Mar 06 j 10:32	25°♄48'51	
min. Earth dist.	-4593 Apr 07 j 11:29	11°♄23'59	0.55290 AU	evening set	-4592 Mar 08 j 19:38	25°♄35'19	
inferior conj	-4593 Apr 08 j 01:50	11°♄03'43	-1°01'47	inferior conj	-4592 Mar 17 j 21:26	21°♄37'14	0°54'12
minimum elong	-4593 Apr 07 j 23:01	11°♄07'42	1°00'56	minimum elong	-4592 Mar 17 j 23:51	21°♄33'45	0°53'15
morning rise	-4593 Apr 17 j 05:57	7°♄05'08		min. Earth dist.	-4592 Mar 19 j 01:42	20°♄56'27	0.55322 AU
direct	-4593 Apr 19 j 21:18	6°♄49'23		desc. node	-4592 Mar 21 j 04:41	19°♄45'24	
morning max el	-4593 May 01 j 16:50	12°♄23'19	21°18'55	morning rise	-4592 Mar 27 j 02:59	17°♄22'19	
	-4593 May 14 j 10:31	0°♄		direct	-4592 Mar 30 j 09:34	16°♄58'58	
asc. node	-4593 May 19 j 09:00	9°♄23'47		morning max el	-4592 Apr 12 j 14:58	23°♄24'54	22°52'47
morning set	-4593 May 21 j 16:36	14°♄06'21			-4592 Apr 18 j 11:14	0°♄	
				morning set	-4592 May 05 j 03:32	29°♄03'09	
superior conj	-4593 May 29 j 03:39	29°♄39'19	1°25'49	asc. node	-4592 May 05 j 05:59	29°♄15'56	
minimum elong	-4593 May 29 j 00:56	29°♄25'16	1°25'35		-4592 May 05 j 14:25	0°♄	
	-4593 May 29 j 07:39	0°♄					
max. Earth dist.	-4593 Jun 02 j 01:33	7°♄37'41	1.35253 AU	superior conj	-4592 May 12 j 07:57	14°♄19'16	1°07'18
evening rise	-4593 Jun 06 j 12:52	16°♄21'32		minimum elong	-4592 May 12 j 05:25	14°♄05'50	1°06'56
	-4593 Jun 14 j 01:33	0°♄		max. Earth dist.	-4592 May 14 j 22:53	19°♄50'49	1.34054 AU
desc. node	-4593 Jul 01 j 06:05	26°♄15'20			-4592 May 19 j 22:41	0°♄	
	-4593 Jul 04 j 03:57	0°♄		evening rise	-4592 May 20 j 01:58	0°♄16'13	
evening max el	-4593 Jul 11 j 21:40	8°♄39'28	26°42'32		-4592 Jun 06 j 02:13	0°♄	
retrograde	-4593 Jul 24 j 21:11	15°♄58'01		desc. node	-4592 Jun 17 j 03:13	15°♄08'32	
evening set	-4593 Jul 31 j 13:51	13°♄10'36		evening max el	-4592 Jun 23 j 08:44	21°♄56'16	27°17'50
min. Earth dist.	-4593 Aug 04 j 12:55	9°♄04'09	0.65756 AU	retrograde	-4592 Jul 06 j 20:22	29°♄21'16	
inferior conj	-4593 Aug 06 j 05:49	7°♄01'45	-2°47'05	evening set	-4592 Jul 13 j 21:43	26°♄34'54	
minimum elong	-4593 Aug 06 j 09:16	6°♄51'25	2°45'47	min. Earth dist.	-4592 Jul 17 j 14:26	23°♄04'58	0.64472 AU
morning rise	-4593 Aug 12 j 04:59	1°♄18'14		inferior conj	-4592 Jul 19 j 21:16	20°♄34'46	-3°28'03
direct	-4593 Aug 15 j 05:01	0°♄27'42		minimum elong	-4592 Jul 20 j 00:53	20°♄24'48	3°26'59
asc. node	-4593 Aug 15 j 08:27	0°♄27'49		morning rise	-4592 Jul 26 j 04:42	15°♄07'01	
morning max el	-4593 Aug 21 j 21:39	4°♄10'16	18°35'17	direct	-4592 Jul 28 j 23:13	14°♄26'55	
	-4593 Sep 08 j 12:24	0°♄		asc. node	-4592 Aug 01 j 05:33	15°♄22'01	
morning set	-4593 Sep 11 j 02:42	4°♄12'00		morning max el	-4592 Aug 04 j 11:35	17°♄55'52	18°07'07
					-4592 Aug 13 j 06:40	0°♄	
superior conj	-4593 Sep 26 j 14:05	28°♄53'26	0°04'06	morning set	-4592 Aug 22 j 09:38	15°♄14'52	
minimum elong	-4593 Sep 26 j 14:38	28°♄55'35	0°04'09		-4592 Aug 31 j 05:41	0°♄	
behind sun begin	-4593 Sep 26 j 03:33	28°♄11'55					
behind sun end	-4593 Sep 27 j 01:42	29°♄39'15		superior conj	-4592 Sep 04 j 22:07	7°♄37'30	0°50'16
desc. node	-4593 Sep 27 j 05:33	29°♄54'26		minimum elong	-4592 Sep 05 j 03:27	7°♄58'58	0°49'48
	-4593 Sep 27 j 06:58	0°♄		max. Earth dist.	-4592 Sep 09 j 08:42	14°♄43'58	1.44364 AU
max. Earth dist.	-4593 Sep 27 j 15:30	0°♄33'41	1.44805 AU	desc. node	-4592 Sep 13 j 02:30	20°♄38'48	
evening rise	-4593 Oct 12 j 20:40	24°♄34'08			-4592 Sep 19 j 02:09	0°♄	
	-4593 Oct 16 j 06:53	0°♄		evening rise	-4592 Sep 21 j 10:38	3°♄39'01	
greatest brilliancy	-4593 Oct 21 j 06:35	7°♄53'00	-0.8m	greatest brilliancy	-4592 Oct 04 j 21:10	24°♄09'57	-0.7m
evening max el	-4593 Nov 04 j 06:22	27°♄32'27	19°08'28		-4592 Oct 08 j 20:59	0°♄	
	-4593 Nov 07 j 01:40	0°♄		evening max el	-4592 Oct 17 j 12:10	10°♄59'12	20°01'38
retrograde	-4593 Nov 11 j 06:20	1°♄32'58		retrograde	-4592 Oct 25 j 03:23	15°♄27'17	
asc. node	-4593 Nov 11 j 07:13	1°♄32'58		asc. node	-4592 Oct 28 j 04:23	14°♄33'30	
evening set	-4593 Nov 14 j 11:46	0°♄32'38		evening set	-4592 Oct 28 j 17:21	14°♄12'34	
	-4593 Nov 15 j 06:40	30°♄		inferior conj	-4592 Nov 03 j 05:28	8°♄10'27	1°57'51
inferior conj	-4593 Nov 20 j 04:42	24°♄42'30	2°43'39	minimum elong	-4592 Nov 03 j 02:59	8°♄18'43	1°56'54
minimum elong	-4593 Nov 20 j 01:35	24°♄52'17	2°42'37	min. Earth dist.	-4592 Nov 04 j 02:52	6°♄59'22	0.66556 AU
min. Earth dist.	-4593 Nov 21 j 14:36	22°♄55'49	0.65661 AU	morning rise	-4592 Nov 08 j 12:22	1°♄55'58	
morning rise	-4593 Nov 25 j 15:07	18°♄32'15			-4592 Nov 11 j 10:24	30°♄	
direct	-4593 Dec 02 j 00:54	15°♄45'48		direct	-4592 Nov 14 j 08:03	29°♄23'20	
morning max el	-4593 Dec 14 j 19:07	23°♄13'15	26°25'28		-4592 Nov 17 j 10:36	0°♄	
	-4593 Dec 20 j 20:59	0°♄		morning max el	-4592 Nov 26 j 04:06	6°♄24'57	25°12'10
desc. node	-4593 Dec 24 j 05:35	4°♄14'58		desc. node	-4592 Dec 10 j 02:33	23°♄36'00	
	-4592 Jan 10 j 09:43	0°♄			-4592 Dec 14 j 13:05	0°♄	
morning set	-4592 Jan 19 j 20:35	16°♄47'56		morning set	-4591 Jan 01 j 08:50	29°♄06'50	
max. Earth dist.	-4592 Jan 24 j 00:48	24°♄50'21	1.35126 AU		-4591 Jan 01 j 20:40	0°♄	
	-4592 Jan 26 j 14:53	0°♄		max. Earth dist.	-4591 Jan 05 j 02:45	5°♄58'02	1.36806 AU
superior conj	-4592 Jan 28 j 15:05	4°♄05'25	-1°25'40	superior conj	-4591 Jan 11 j 05:35	17°♄43'33	-1°42'15
minimum elong	-4592 Jan 28 j 18:08	4°♄21'05	1°25'31	minimum elong	-4591 Jan 11 j 08:16	17°♄56'52	1°42'15

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4591 Jan 17 j 08:15	0° Z		superior conj	-4591 Dec 25 j 07:14	0° Z 39'16	-1°52'07
evening rise	-4591 Jan 19 j 10:31	4° Z 13'52		minimum elong	-4591 Dec 25 j 08:27	0° Z 45'00	1°52'16
asc. node	-4591 Jan 24 j 03:17	13° Z 27'36		evening rise	-4590 Jan 03 j 07:13	18° Z 02'55	
	-4591 Feb 03 j 16:08	0° \approx			-4590 Jan 09 j 14:36	0° Z	
evening max el	-4591 Feb 05 j 19:40	2° \approx 15'38	19°36'32	asc. node	-4590 Jan 11 j 00:21	2° Z 28'40	
retrograde	-4591 Feb 15 j 07:17	6° \approx 45'19		evening max el	-4590 Jan 19 j 18:25	14° Z 35'12	18°46'58
evening set	-4591 Feb 17 j 15:38	6° \approx 30'03		retrograde	-4590 Jan 27 j 20:41	18° Z 29'30	
inferior conj	-4591 Feb 26 j 02:18	2° \approx 25'34	2°33'05	evening set	-4590 Jan 30 j 07:51	18° Z 09'13	
minimum elong	-4591 Feb 26 j 07:23	2° \approx 17'25	2°31'31	inferior conj	-4590 Feb 07 j 01:31	13° Z 47'22	3°35'56
min. Earth dist.	-4591 Feb 28 j 16:23	0° \approx 46'41	0.56255 AU	minimum elong	-4590 Feb 07 j 05:23	13° Z 40'13	3°35'04
	-4591 Mar 01 j 23:15	30° R Z		min. Earth dist.	-4590 Feb 10 j 08:25	11° Z 22'33	0.57862 AU
morning rise	-4591 Mar 06 j 20:36	27° Z 42'19		morning rise	-4590 Feb 15 j 00:29	8° Z 36'24	
desc. node	-4591 Mar 08 j 01:50	27° Z 21'36		direct	-4590 Feb 20 j 16:30	7° Z 18'08	
direct	-4591 Mar 11 j 06:38	26° Z 58'15		desc. node	-4590 Feb 22 j 22:56	7° Z 30'40	
	-4591 Mar 20 j 06:45	0° \approx		morning max el	-4590 Mar 06 j 22:10	14° Z 43'25	26°01'09
morning max el	-4591 Mar 25 j 06:42	4° \approx 02'37	24°31'31		-4590 Mar 19 j 03:18	0° \approx	
	-4591 Apr 12 j 13:17	0° X		morning set	-4590 Apr 04 j 03:33	29° \approx 07'33	
morning set	-4591 Apr 19 j 15:44	14° X 05'29			-4590 Apr 04 j 13:32	0° X	
asc. node	-4591 Apr 22 j 02:56	19° X 20'04		asc. node	-4590 Apr 08 j 23:53	9° X 31'40	
superior conj	-4591 Apr 26 j 16:37	29° X 13'14	0°45'46	superior conj	-4590 Apr 11 j 03:42	14° X 14'34	0°22'17
minimum elong	-4591 Apr 26 j 14:43	29° X 03'00	0°45'24	minimum elong	-4590 Apr 11 j 02:44	14° X 09'16	0°22'00
	-4591 Apr 27 j 01:16	0° Y		max. Earth dist.	-4590 Apr 11 j 16:46	15° X 25'58	1.32747 AU
max. Earth dist.	-4591 Apr 28 j 04:58	2° Y 29'15	1.33227 AU	evening rise	-4590 Apr 18 j 05:49	29° X 25'38	
evening rise	-4591 May 04 j 00:38	14° Y 40'57			-4590 Apr 18 j 12:28	0° Y	
	-4591 May 12 j 00:39	0° Z			-4590 May 05 j 05:58	0° Z	
	-4591 Jun 01 j 04:41	0° II		evening max el	-4590 May 18 j 23:12	17° Z 08'08	26°57'24
desc. node	-4591 Jun 04 j 00:22	3° II 05'31		desc. node	-4590 May 21 j 21:29	19° Z 42'53	
evening max el	-4591 Jun 05 j 18:06	4° II 49'41	27°23'59	retrograde	-4590 Jun 01 j 23:12	24° Z 29'31	
retrograde	-4591 Jun 19 j 13:29	12° II 14'26		evening set	-4590 Jun 08 j 17:55	22° Z 26'15	
evening set	-4591 Jun 26 j 16:26	9° II 42'49		min. Earth dist.	-4590 Jun 12 j 12:44	19° Z 42'07	0.60898 AU
min. Earth dist.	-4591 Jun 30 j 06:28	6° II 42'10	0.62825 AU	inferior conj	-4590 Jun 15 j 19:22	16° Z 52'46	-4°14'35
inferior conj	-4591 Jul 03 j 02:53	3° II 54'16	-3°59'04	minimum elong	-4590 Jun 15 j 20:10	16° Z 51'03	4°14'25
minimum elong	-4591 Jul 03 j 05:45	3° II 47'13	3°58'29	morning rise	-4590 Jun 23 j 00:09	12° Z 04'23	
	-4591 Jul 07 j 13:57	30° R Z		direct	-4590 Jun 25 j 13:20	11° Z 38'16	
morning rise	-4591 Jul 09 j 20:10	28° Z 45'02		morning max el	-4590 Jul 02 j 15:09	15° Z 07'05	18°05'24
direct	-4591 Jul 12 j 11:13	28° Z 12'48		asc. node	-4590 Jul 05 j 23:38	18° Z 59'12	
	-4591 Jul 17 j 05:27	0° II			-4590 Jul 12 j 22:40	0° II	
morning max el	-4591 Jul 19 j 02:19	1° II 36'51	17°56'50	morning set	-4590 Jul 18 j 15:55	10° II 25'45	
asc. node	-4591 Jul 19 j 02:36	1° II 37'34					
morning set	-4591 Aug 04 j 15:50	27° II 24'04		superior conj	-4590 Jul 28 j 18:31	28° II 52'33	1°43'11
	-4591 Aug 06 j 03:03	0° O		minimum elong	-4590 Jul 28 j 21:27	29° II 05'36	1°43'15
					-4590 Jul 29 j 09:46	0° O	
superior conj	-4591 Aug 16 j 06:38	17° O 34'12	1°24'08	max. Earth dist.	-4590 Aug 05 j 07:13	11° O 50'48	1.41663 AU
minimum elong	-4591 Aug 16 j 12:06	17° O 57'13	1°23'51	evening rise	-4590 Aug 11 j 03:46	21° O 26'34	
max. Earth dist.	-4591 Aug 22 j 22:31	28° O 34'25	1.43267 AU		-4590 Aug 16 j 14:05	0° O	
	-4591 Aug 23 j 19:41	0° O		desc. node	-4590 Aug 17 j 20:28	1° O 57'08	
desc. node	-4591 Aug 30 j 23:29	11° O 20'50			-4590 Sep 06 j 11:50	0° O	
evening rise	-4591 Aug 31 j 14:12	12° O 18'06		evening max el	-4590 Sep 13 j 05:44	7° O 50'03	22°24'33
	-4591 Sep 12 j 05:45	0° O		retrograde	-4590 Sep 22 j 19:11	13° O 30'30	
evening max el	-4591 Sep 30 j 12:02	24° O 25'06	21°08'14	evening set	-4590 Sep 27 j 08:55	11° O 39'23	
retrograde	-4591 Oct 09 j 00:13	29° O 27'13		asc. node	-4590 Oct 01 j 22:40	6° O 23'44	
evening set	-4591 Oct 13 j 01:01	27° O 55'24		inferior conj	-4590 Oct 02 j 16:16	5° O 23'09	0°15'01
asc. node	-4591 Oct 15 j 01:32	26° O 01'10		minimum elong	-4590 Oct 02 j 15:54	5° O 24'22	0°14'58
inferior conj	-4591 Oct 18 j 09:57	21° O 44'35	1°07'39	transit middle	-4590 Oct 02 j 15:54	5° O 24'22	0°14'58
minimum elong	-4591 Oct 18 j 08:26	21° O 49'47	1°07'04	transit begin	-4590 Oct 02 j 14:49	5° O 28'09	
min. Earth dist.	-4591 Oct 18 j 20:09	21° O 09'39	0.67124 AU	transit end	-4590 Oct 02 j 17:00	5° O 20'36	
morning rise	-4591 Oct 23 j 15:40	15° O 28'47		min. Earth dist.	-4590 Oct 02 j 16:02	5° O 23'55	0.67384 AU
direct	-4591 Oct 28 j 20:12	13° O 15'35			-4590 Oct 07 j 00:14	30° R O	
morning max el	-4591 Nov 08 j 12:57	19° O 39'03	23°47'59	morning rise	-4590 Oct 07 j 22:46	29° O 08'56	
	-4591 Nov 17 j 07:45	0° O		direct	-4590 Oct 12 j 12:30	27° O 17'14	
desc. node	-4591 Nov 26 j 23:30	13° O 26'18			-4590 Oct 18 j 18:42	0° O	
	-4591 Dec 07 j 17:46	0° O		morning max el	-4590 Oct 22 j 00:39	2° O 56'49	22°22'11
morning set	-4591 Dec 13 j 21:48	10° O 13'03			-4590 Nov 11 j 10:31	0° O	
max. Earth dist.	-4591 Dec 17 j 22:44	17° O 13'18	1.38797 AU	desc. node	-4590 Nov 13 j 20:25	3° O 37'17	
	-4591 Dec 24 j 22:53	0° Z		morning set	-4590 Nov 24 j 06:34	19° O 55'56	
				max. Earth dist.	-4590 Nov 29 j 20:57	29° O 11'02	1.40853 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4590 Nov 30 j 08:33	0°♌		desc. node	-4589 Oct 31 j 17:19	24°♏02'51	
				morning set	-4589 Nov 03 j 13:56	28°♏29'27	
superior conj	-4590 Dec 07 j 15:01	12°♌39'05	-1°52'09		-4589 Nov 04 j 13:03	0°♏	
minimum elong	-4590 Dec 07 j 13:24	12°♌31'51	1°52'15	max. Earth dist.	-4589 Nov 12 j 01:51	12°♏02'18	1.42676 AU
	-4590 Dec 17 j 01:11	0°♏					
evening rise	-4590 Dec 17 j 17:54	1°♏18'18		superior conj	-4589 Nov 18 j 23:10	23°♏28'54	-1°38'41
asc. node	-4590 Dec 28 j 21:26	20°♏54'34		minimum elong	-4589 Nov 18 j 18:00	23°♏07'01	1°38'23
evening max el	-4589 Jan 03 j 00:36	27°♏21'32	18°17'27		-4589 Nov 22 j 18:24	0°♌	
	-4589 Jan 06 j 13:00	0°♏		evening rise	-4589 Nov 30 j 14:48	13°♌52'06	
retrograde	-4589 Jan 10 j 04:38	0°♏56'12			-4589 Dec 09 j 20:16	0°♏	
evening set	-4589 Jan 12 j 18:31	0°♏29'30		asc. node	-4589 Dec 15 j 18:32	8°♏34'42	
	-4589 Jan 13 j 23:23	30°♏♏		evening max el	-4589 Dec 17 j 11:27	10°♏27'16	18°07'49
inferior conj	-4589 Jan 19 j 21:03	25°♏46'10	4°02'33	retrograde	-4589 Dec 24 j 03:47	13°♏55'50	
minimum elong	-4589 Jan 19 j 22:02	25°♏44'01	4°02'17	evening set	-4589 Dec 26 j 20:23	13°♏21'51	
min. Earth dist.	-4589 Jan 23 j 04:42	22°♏56'01	0.59811 AU	inferior conj	-4588 Jan 02 j 10:31	8°♏17'08	4°01'16
morning rise	-4589 Jan 26 j 23:50	20°♏13'45		minimum elong	-4588 Jan 02 j 09:03	8°♏20'45	4°00'58
direct	-4589 Feb 02 j 13:58	18°♏16'34		min. Earth dist.	-4588 Jan 05 j 08:48	5°♏24'48	0.61782 AU
desc. node	-4589 Feb 09 j 20:01	20°♏26'39		morning rise	-4588 Jan 08 j 20:38	2°♏29'29	
morning max el	-4589 Feb 16 j 18:34	25°♏52'30	27°07'03	direct	-4588 Jan 15 j 21:18	0°♏00'06	
	-4589 Feb 20 j 15:39	0°♏		desc. node	-4588 Jan 27 j 17:04	5°♏40'59	
	-4589 Mar 12 j 10:25	0°♏		morning max el	-4588 Jan 29 j 21:28	7°♏42'15	27°39'17
morning set	-4589 Mar 19 j 13:11	14°♏01'39			-4588 Feb 15 j 23:34	0°♏	
				morning set	-4588 Mar 02 j 18:37	28°♏40'44	
superior conj	-4589 Mar 26 j 15:26	29°♏15'54	-0°02'22		-4588 Mar 03 j 10:05	0°♏	
minimum elong	-4589 Mar 26 j 15:32	29°♏16'29	0°02'28	max. Earth dist.	-4588 Mar 08 j 17:57	11°♏16'38	1.32789 AU
behind sun begin	-4589 Mar 26 j 10:35	28°♏49'22					
behind sun end	-4589 Mar 26 j 20:30	29°♏43'36		superior conj	-4588 Mar 10 j 02:12	14°♏11'30	-0°27'16
max. Earth dist.	-4589 Mar 26 j 06:23	28°♏26'26	1.32596 AU	minimum elong	-4588 Mar 10 j 03:25	14°♏18'06	0°27'12
asc. node	-4589 Mar 26 j 20:51	29°♏45'33		asc. node	-4588 Mar 12 j 17:49	19°♏57'39	
	-4589 Mar 26 j 23:29	0°♏		evening rise	-4588 Mar 17 j 02:14	29°♏18'10	
evening rise	-4589 Apr 02 j 15:00	14°♏20'23			-4588 Mar 17 j 10:12	0°♏	
	-4589 Apr 10 j 13:52	0°♏			-4588 Apr 03 j 09:15	0°♏	
evening max el	-4589 Apr 30 j 21:59	28°♏43'42	25°59'20	evening max el	-4588 Apr 11 j 15:18	9°♏42'45	24°37'13
	-4589 May 02 j 07:09	0°♏		desc. node	-4588 Apr 24 j 15:47	16°♏43'59	
desc. node	-4589 May 08 j 18:37	4°♏27'54		retrograde	-4588 Apr 25 j 14:22	16°♏46'02	
retrograde	-4589 May 15 j 00:06	5°♏59'50		evening set	-4588 Apr 30 j 06:41	15°♏56'19	
evening set	-4589 May 20 j 22:39	4°♏33'50		min. Earth dist.	-4588 May 06 j 03:22	12°♏56'55	0.57007 AU
min. Earth dist.	-4589 May 25 j 10:34	1°♏49'46	0.58862 AU	inferior conj	-4588 May 08 j 22:49	11°♏07'31	-3°24'49
	-4589 May 27 j 21:43	30°♏♏		minimum elong	-4588 May 08 j 17:29	11°♏16'14	3°23'41
inferior conj	-4589 May 28 j 18:57	29°♏19'53	-4°06'29	morning rise	-4588 May 17 j 07:27	6°♏59'50	
minimum elong	-4589 May 28 j 16:31	29°♏24'28	4°06'10	direct	-4588 May 19 j 18:20	6°♏43'00	
morning rise	-4589 Jun 05 j 13:00	24°♏53'21		morning max el	-4588 May 28 j 23:50	11°♏00'40	19°22'25
direct	-4589 Jun 08 j 01:02	24°♏32'19		asc. node	-4588 Jun 08 j 17:38	26°♏03'49	
morning max el	-4589 Jun 15 j 23:15	28°♏18'05	18°33'45		-4588 Jun 10 j 21:00	0°♏	
	-4589 Jun 17 j 14:40	0°♏		morning set	-4588 Jun 15 j 03:42	8°♏19'46	
asc. node	-4589 Jun 22 j 20:38	7°♏11'56					
morning set	-4589 Jul 02 j 05:06	24°♏07'28		superior conj	-4588 Jun 23 j 09:12	24°♏41'59	1°45'37
	-4589 Jul 05 j 06:08	0°♏		minimum elong	-4588 Jun 23 j 07:35	24°♏34'05	1°45'43
					-4588 Jun 26 j 03:06	0°♏	
superior conj	-4589 Jul 11 j 05:17	11°♏20'33	1°49'22	max. Earth dist.	-4588 Jun 29 j 12:03	6°♏19'31	1.37835 AU
minimum elong	-4589 Jul 11 j 05:32	11°♏21'42	1°49'34	evening rise	-4588 Jul 03 j 08:47	13°♏18'08	
max. Earth dist.	-4589 Jul 18 j 10:33	24°♏23'33	1.39764 AU		-4588 Jul 13 j 07:43	0°♏	
	-4589 Jul 21 j 16:40	0°♏		desc. node	-4588 Jul 21 j 14:29	12°♏35'10	
evening rise	-4589 Jul 22 j 17:12	1°♏43'37			-4588 Aug 03 j 19:41	0°♏	
desc. node	-4589 Aug 04 j 17:27	22°♏23'42		evening max el	-4588 Aug 08 j 05:11	4°♏43'59	25°03'42
	-4589 Aug 09 j 22:00	0°♏		retrograde	-4588 Aug 19 j 23:11	11°♏34'37	
evening max el	-4589 Aug 26 j 18:35	21°♏15'43	23°45'21	evening set	-4588 Aug 25 j 18:21	9°♏05'20	
retrograde	-4589 Sep 06 j 11:09	27°♏34'26		min. Earth dist.	-4588 Aug 30 j 06:05	3°♏58'30	0.66993 AU
evening set	-4589 Sep 11 j 15:19	25°♏23'23		inferior conj	-4588 Aug 31 j 03:26	2°♏48'03	-1°30'47
inferior conj	-4589 Sep 16 j 22:40	19°♏04'58	-0°38'20	minimum elong	-4588 Aug 31 j 05:31	2°♏41'12	1°29'45
minimum elong	-4589 Sep 16 j 23:33	19°♏01'56	0°37'48		-4588 Sep 02 j 08:12	30°♏♏	
min. Earth dist.	-4589 Sep 16 j 12:09	19°♏40'51	0.67341 AU	asc. node	-4588 Sep 04 j 16:56	27°♏32'00	
asc. node	-4589 Sep 18 j 19:48	16°♏34'37		morning rise	-4588 Sep 05 j 16:44	26°♏45'50	
morning rise	-4589 Sep 22 j 07:44	12°♏55'15		direct	-4588 Sep 09 j 05:48	25°♏33'02	
direct	-4589 Sep 26 j 08:07	11°♏24'16			-4588 Sep 16 j 20:47	0°♏	
morning max el	-4589 Oct 04 j 18:13	16°♏21'56	21°02'18	morning max el	-4588 Sep 16 j 18:55	29°♏55'12	19°53'30
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






























































































































Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning set	-4588 Oct 12 j 12:35	6° \mathbb{M} 44'06		max. Earth dist.	-4587 Oct 07 j 05:29	9° \mathbb{M} 40'29	1.44731 AU
desc. node	-4588 Oct 17 j 14:13	14° \mathbb{M} 37'48					
max. Earth dist.	-4588 Oct 24 j 13:15	25° \mathbb{M} 36'53	1.44024 AU	superior conj	-4587 Oct 08 j 09:07	11° \mathbb{M} 29'30	-0°24'34
	-4588 Oct 27 j 07:01	0° \mathbb{L}		minimum elong	-4587 Oct 08 j 05:57	11° \mathbb{M} 17'01	0°24'03
					-4587 Oct 20 j 00:03	0° \mathbb{L}	
superior conj	-4588 Oct 29 j 03:40	3° \mathbb{L} 00'04	-1°08'54	evening rise	-4587 Oct 23 j 20:46	6° \mathbb{L} 14'32	
minimum elong	-4588 Oct 28 j 20:55	2° \mathbb{L} 32'48	1°08'08		-4587 Nov 07 j 20:29	0° \mathbb{M}	
evening rise	-4588 Nov 11 j 17:17	25° \mathbb{L} 33'44		evening max el	-4587 Nov 13 j 12:04	7° \mathbb{M} 08'54	18°45'01
	-4588 Nov 14 j 07:48	0° \mathbb{M}		asc. node	-4587 Nov 18 j 12:49	10° \mathbb{M} 40'24	
evening max el	-4588 Nov 30 j 00:10	23° \mathbb{M} 44'45	18°17'23	retrograde	-4587 Nov 20 j 06:05	10° \mathbb{M} 56'46	
asc. node	-4588 Dec 01 j 15:40	25° \mathbb{M} 15'01		evening set	-4587 Nov 23 j 07:40	10° \mathbb{M} 03'30	
retrograde	-4588 Dec 06 j 13:34	27° \mathbb{M} 18'14		inferior conj	-4587 Nov 29 j 04:11	4° \mathbb{M} 22'06	3°07'06
evening set	-4588 Dec 09 j 09:50	26° \mathbb{M} 35'36		minimum elong	-4587 Nov 29 j 00:58	4° \mathbb{M} 31'51	3°06'08
inferior conj	-4588 Dec 15 j 14:05	21° \mathbb{M} 11'20	3°40'40	min. Earth dist.	-4587 Nov 30 j 22:04	2° \mathbb{M} 15'50	0.64997 AU
minimum elong	-4588 Dec 15 j 11:15	21° \mathbb{M} 19'11	3°40'01		-4587 Dec 02 j 22:17	30° \mathbb{R} \mathbb{L}	
min. Earth dist.	-4588 Dec 17 j 22:33	18° \mathbb{M} 35'58	0.63549 AU	morning rise	-4587 Dec 04 j 17:52	28° \mathbb{L} 15'39	
morning rise	-4588 Dec 21 j 12:00	15° \mathbb{M} 12'49		direct	-4587 Dec 11 j 10:43	25° \mathbb{L} 24'59	
direct	-4588 Dec 28 j 12:42	12° \mathbb{M} 25'12			-4587 Dec 21 j 07:17	0° \mathbb{M}	
morning max el	-4587 Jan 11 j 04:57	20° \mathbb{M} 08'30	27°35'23	morning max el	-4587 Dec 24 j 14:22	3° \mathbb{M} 00'53	26°58'41
desc. node	-4587 Jan 13 j 14:06	22° \mathbb{M} 36'50		desc. node	-4587 Dec 31 j 11:07	10° \mathbb{M} 44'54	
	-4587 Jan 19 j 17:57	0° \mathbb{X}			-4586 Jan 14 j 01:07	0° \mathbb{X}	
	-4587 Feb 07 j 22:25	0° \mathbb{Z}		morning set	-4586 Jan 29 j 06:23	26° \mathbb{X} 36'44	
morning set	-4587 Feb 14 j 17:26	12° \mathbb{Z} 55'59			-4586 Jan 31 j 00:10	0° \mathbb{Z}	
max. Earth dist.	-4587 Feb 19 j 23:25	23° \mathbb{Z} 42'30	1.33356 AU	max. Earth dist.	-4586 Feb 02 j 19:16	5° \mathbb{Z} 34'45	1.34350 AU
superior conj	-4587 Feb 22 j 10:17	28° \mathbb{Z} 55'15	-0°51'33	superior conj	-4586 Feb 06 j 13:39	13° \mathbb{Z} 20'08	-1°14'04
minimum elong	-4587 Feb 22 j 12:30	29° \mathbb{Z} 07'02	0°51'21	minimum elong	-4586 Feb 06 j 16:32	13° \mathbb{Z} 35'14	1°13'51
	-4587 Feb 22 j 22:23	0° \mathbb{A}		evening rise	-4586 Feb 13 j 23:47	28° \mathbb{Z} 56'52	
asc. node	-4587 Feb 27 j 14:50	10° \mathbb{A} 03'52		asc. node	-4586 Feb 14 j 11:52	29° \mathbb{Z} 59'28	
evening rise	-4587 Mar 01 j 13:45	14° \mathbb{A} 12'26			-4586 Feb 14 j 11:58	0° \mathbb{A}	
	-4587 Mar 09 j 14:37	0° \mathbb{H}			-4586 Mar 04 j 20:28	0° \mathbb{H}	
evening max el	-4587 Mar 24 j 07:41	20° \mathbb{H} 26'48	23°03'49	evening max el	-4586 Mar 06 j 05:10	1° \mathbb{H} 21'51	21°32'37
retrograde	-4587 Apr 06 j 15:57	27° \mathbb{H} 00'42		retrograde	-4586 Mar 18 j 06:57	7° \mathbb{H} 09'27	
evening set	-4587 Apr 10 j 01:31	26° \mathbb{H} 35'25		evening set	-4586 Mar 20 j 21:05	6° \mathbb{H} 54'19	
desc. node	-4587 Apr 11 j 12:56	26° \mathbb{H} 09'37		desc. node	-4586 Mar 29 j 10:07	3° \mathbb{H} 18'47	
min. Earth dist.	-4587 Apr 17 j 18:17	23° \mathbb{H} 09'10	0.55685 AU	inferior conj	-4586 Mar 30 j 04:15	2° \mathbb{H} 53'17	-0°12'31
inferior conj	-4587 Apr 19 j 07:34	22° \mathbb{H} 14'45	-2°03'40	minimum elong	-4586 Mar 30 j 03:40	2° \mathbb{H} 54'07	0°12'26
minimum elong	-4587 Apr 19 j 02:33	22° \mathbb{H} 22'06	2°02'11	transit middle	-4586 Mar 30 j 03:40	2° \mathbb{H} 54'07	0°12'26
morning rise	-4587 Apr 28 j 05:57	18° \mathbb{H} 16'43		transit begin	-4586 Mar 30 j 01:08	2° \mathbb{H} 57'41	
direct	-4587 Apr 30 j 17:40	18° \mathbb{H} 01'48		transit end	-4586 Mar 30 j 06:12	2° \mathbb{H} 50'32	
morning max el	-4587 May 11 j 14:27	23° \mathbb{H} 05'58	20°31'06	min. Earth dist.	-4586 Mar 30 j 08:29	2° \mathbb{H} 47'20	0.55188 AU
	-4587 May 17 j 12:06	0° \mathbb{Y}			-4586 Apr 04 j 18:38	30° \mathbb{R} \mathbb{A}	
asc. node	-4587 May 26 j 14:37	15° \mathbb{Y} 25'22		morning rise	-4586 Apr 08 j 10:27	28° \mathbb{A} 49'42	
morning set	-4587 May 30 j 08:55	22° \mathbb{Y} 55'23		direct	-4586 Apr 11 j 06:53	28° \mathbb{A} 31'45	
	-4587 Jun 02 j 19:31	0° \mathbb{B}			-4586 Apr 17 j 10:58	0° \mathbb{H}	
				morning max el	-4586 Apr 23 j 18:03	4° \mathbb{H} 28'57	21°57'26
superior conj	-4587 Jun 07 j 01:26	8° \mathbb{B} 43'00	1°34'38		-4586 May 10 j 22:00	0° \mathbb{Y}	
minimum elong	-4587 Jun 06 j 22:53	8° \mathbb{B} 30'05	1°34'31	asc. node	-4586 May 13 j 11:35	5° \mathbb{Y} 08'16	
max. Earth dist.	-4587 Jun 11 j 18:25	18° \mathbb{B} 05'17	1.36105 AU	morning set	-4586 May 14 j 18:21	7° \mathbb{Y} 46'30	
evening rise	-4587 Jun 15 j 22:20	26° \mathbb{B} 00'01					
	-4587 Jun 18 j 02:46	0° \mathbb{I}		superior conj	-4586 May 22 j 02:10	23° \mathbb{Y} 11'21	1°18'24
	-4587 Jul 06 j 18:06	0° \mathbb{G}		minimum elong	-4586 May 21 j 23:27	22° \mathbb{Y} 57'12	1°18'06
desc. node	-4587 Jul 08 j 11:34	2° \mathbb{G} 24'53			-4586 May 25 j 09:07	0° \mathbb{B}	
evening max el	-4587 Jul 21 j 16:01	18° \mathbb{G} 14'59	26°11'32	max. Earth dist.	-4586 May 25 j 10:16	0° \mathbb{B} 05'52	1.34703 AU
retrograde	-4587 Aug 03 j 06:36	25° \mathbb{G} 26'27		evening rise	-4586 May 30 j 04:13	9° \mathbb{B} 32'23	
evening set	-4587 Aug 09 j 15:59	22° \mathbb{G} 43'43			-4586 Jun 10 j 14:25	0° \mathbb{I}	
min. Earth dist.	-4587 Aug 13 j 19:30	18° \mathbb{G} 14'46	0.66312 AU	desc. node	-4586 Jun 25 j 08:41	21° \mathbb{I} 42'27	
inferior conj	-4587 Aug 15 j 04:47	16° \mathbb{G} 30'50	-2°20'29		-4586 Jul 02 j 11:20	0° \mathbb{G}	
minimum elong	-4587 Aug 15 j 07:51	16° \mathbb{G} 21'18	2°19'11	evening max el	-4586 Jul 04 j 03:31	1° \mathbb{G} 40'48	27°00'47
morning rise	-4587 Aug 20 j 23:53	10° \mathbb{G} 39'19		retrograde	-4586 Jul 17 j 08:44	9° \mathbb{G} 02'20	
asc. node	-4587 Aug 22 j 14:03	9° \mathbb{G} 55'53		evening set	-4586 Jul 24 j 05:41	6° \mathbb{G} 14'15	
direct	-4587 Aug 24 j 04:01	9° \mathbb{G} 41'31		min. Earth dist.	-4586 Jul 28 j 01:56	2° \mathbb{G} 23'35	0.65261 AU
morning max el	-4587 Aug 31 j 02:14	13° \mathbb{G} 36'11	18°59'08	inferior conj	-4586 Jul 30 j 00:33	0° \mathbb{G} 08'52	-3°05'24
	-4587 Sep 12 j 01:28	0° \mathbb{O}		minimum elong	-4586 Jul 30 j 04:10	29° \mathbb{I} 58'23	3°04'10
morning set	-4587 Sep 22 j 01:40	15° \mathbb{O} 45'35			-4586 Jul 30 j 03:36	30° \mathbb{R} \mathbb{I}	
	-4587 Oct 01 j 02:08	0° \mathbb{M}		morning rise	-4586 Aug 05 j 03:01	24° \mathbb{I} 31'24	
desc. node	-4587 Oct 04 j 11:08	5° \mathbb{M} 19'01		direct	-4586 Aug 08 j 00:31	23° \mathbb{I} 45'30	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4586 Aug 09 j 11:08	23° Π 56'48		morning max el	-4585 Jul 29 j 04:58	11° Π 05'27	18°00'28
morning max el	-4586 Aug 14 j 14:24	27° Π 21'09	18°21'05		-4585 Aug 11 j 00:23	0° Θ	
	-4586 Aug 16 j 22:31	0° Θ		morning set	-4585 Aug 15 j 10:38	7° Θ 37'34	
morning set	-4586 Sep 02 j 17:11	26° Θ 04'39					
	-4586 Sep 05 j 02:31	0° Ω		superior conj	-4585 Aug 28 j 02:42	29° Θ 00'25	1°06'28
				minimum elong	-4585 Aug 28 j 08:37	29° Θ 24'37	1°06'01
superior conj	-4586 Sep 17 j 09:28	19° Ω 48'56	0°24'45		-4585 Aug 28 j 17:16	0° Ω	
minimum elong	-4586 Sep 17 j 12:33	20° Ω 01'10	0°24'30	max. Earth dist.	-4585 Sep 02 j 16:23	8° Ω 01'35	1.43975 AU
max. Earth dist.	-4586 Sep 19 j 23:48	23° Ω 55'40	1.44711 AU	desc. node	-4585 Sep 08 j 05:03	16° Ω 46'48	
desc. node	-4586 Sep 21 j 08:06	26° Ω 03'07		evening rise	-4585 Sep 13 j 06:31	24° Ω 39'35	
	-4586 Sep 23 j 20:18	0° Υ			-4585 Sep 16 j 17:48	0° Υ	
evening rise	-4586 Oct 03 j 23:13	15° Υ 51'24			-4585 Oct 07 j 11:21	0° Δ	
	-4586 Oct 13 j 01:02	0° Δ		evening max el	-4585 Oct 11 j 00:02	4° Δ 01'59	20°28'29
greatest brilliancy	-4586 Oct 14 j 22:54	2° Δ 56'25	-0.7m	retrograde	-4585 Oct 18 j 23:26	8° Δ 43'52	
evening max el	-4586 Oct 27 j 20:42	20° Δ 35'45	19°29'20	evening set	-4585 Oct 22 j 17:48	7° Δ 21'59	
retrograde	-4586 Nov 04 j 02:12	24° Δ 46'39		asc. node	-4585 Oct 23 j 07:05	6° Δ 56'06	
asc. node	-4586 Nov 05 j 09:57	24° Δ 36'32		inferior conj	-4585 Oct 28 j 04:21	1° Δ 15'31	1°36'56
evening set	-4586 Nov 07 j 11:07	23° Δ 40'22		minimum elong	-4585 Oct 28 j 02:14	1° Δ 22'38	1°36'07
inferior conj	-4586 Nov 13 j 01:47	17° Δ 44'48	2°24'53	min. Earth dist.	-4585 Oct 28 j 20:45	0° Δ 20'11	0.66834 AU
minimum elong	-4586 Nov 12 j 22:53	17° Δ 54'09	2°23'51		-4585 Oct 29 j 02:45	30° \Re Υ	
min. Earth dist.	-4586 Nov 14 j 06:08	16° Δ 13'17	0.66086 AU	morning rise	-4585 Nov 02 j 10:29	25° Υ 00'15	
morning rise	-4586 Nov 18 j 10:24	11° Δ 32'42		direct	-4585 Nov 07 j 23:39	22° Υ 35'44	
direct	-4586 Nov 24 j 14:31	8° Δ 51'17		morning max el	-4585 Nov 19 j 08:38	29° Υ 22'09	24°37'13
morning max el	-4586 Dec 06 j 23:48	16° Δ 08'35	25°56'19		-4585 Nov 19 j 23:27	0° Δ	
desc. node	-4586 Dec 18 j 08:07	29° Δ 44'00		desc. node	-4585 Dec 05 j 05:04	19° Δ 18'41	
	-4586 Dec 18 j 12:50	0° \mathbb{M}			-4585 Dec 12 j 09:21	0° \mathbb{M}	
	-4585 Jan 06 j 21:47	0° \mathbb{A}		morning set	-4585 Dec 25 j 08:15	21° \mathbb{M} 19'45	
morning set	-4585 Jan 12 j 05:12	9° \mathbb{A} 30'04		max. Earth dist.	-4585 Dec 29 j 02:34	28° \mathbb{M} 03'29	1.37627 AU
max. Earth dist.	-4585 Jan 16 j 03:41	16° \mathbb{A} 55'28	1.35792 AU		-4585 Dec 30 j 04:00	0° \mathbb{A}	
superior conj	-4585 Jan 21 j 09:45	27° \mathbb{A} 18'21	-1°33'22	superior conj	-4584 Jan 04 j 19:15	10° \mathbb{A} 39'28	-1°47'26
minimum elong	-4585 Jan 21 j 12:46	27° \mathbb{A} 33'35	1°33'15	minimum elong	-4584 Jan 04 j 21:29	10° \mathbb{A} 50'17	1°47'30
	-4585 Jan 22 j 17:36	0° \mathbb{B}		evening rise	-4584 Jan 13 j 07:30	27° \mathbb{A} 30'25	
evening rise	-4585 Jan 29 j 06:27	13° \mathbb{B} 25'19			-4584 Jan 14 j 13:42	0° \mathbb{B}	
asc. node	-4585 Feb 01 j 08:55	19° \mathbb{B} 39'19		asc. node	-4584 Jan 19 j 05:58	8° \mathbb{B} 56'31	
	-4585 Feb 06 j 23:25	0° \approx		evening max el	-4584 Jan 30 j 05:09	24° \mathbb{B} 46'12	19°12'58
evening max el	-4585 Feb 16 j 12:00	12° \approx 46'39	20°13'51	retrograde	-4584 Feb 08 j 01:34	28° \mathbb{B} 59'29	
retrograde	-4585 Feb 26 j 22:08	17° \approx 43'08		evening set	-4584 Feb 10 j 10:52	28° \mathbb{B} 42'23	
evening set	-4585 Mar 01 j 06:17	17° \approx 29'16		inferior conj	-4584 Feb 18 j 14:11	24° \mathbb{B} 31'03	3°04'31
inferior conj	-4585 Mar 10 j 02:14	13° \approx 30'03	1°39'49	minimum elong	-4584 Feb 18 j 19:08	24° \mathbb{B} 22'38	3°03'11
minimum elong	-4585 Mar 10 j 06:17	13° \approx 23'59	1°38'22	min. Earth dist.	-4584 Feb 21 j 13:24	22° \mathbb{B} 30'44	0.56870 AU
min. Earth dist.	-4585 Mar 11 j 22:29	12° \approx 24'05	0.55620 AU	morning rise	-4584 Feb 27 j 00:47	19° \mathbb{B} 35'17	
desc. node	-4585 Mar 16 j 07:15	10° \approx 06'02		desc. node	-4584 Mar 02 j 04:22	18° \mathbb{B} 39'50	
morning rise	-4585 Mar 19 j 04:31	9° \approx 04'22		direct	-4584 Mar 02 j 23:39	18° \mathbb{B} 38'19	
direct	-4585 Mar 22 j 21:50	8° \approx 34'03		morning max el	-4584 Mar 17 j 03:42	25° \mathbb{B} 53'20	25°11'47
morning max el	-4585 Apr 05 j 12:44	15° \approx 17'39	23°34'55		-4584 Mar 21 j 00:34	0° \approx	
	-4585 Apr 17 j 01:09	0° \mathbb{H}			-4584 Apr 08 j 22:16	0° \mathbb{H}	
morning set	-4585 Apr 29 j 06:03	22° \mathbb{H} 47'01		morning set	-4584 Apr 12 j 18:18	7° \mathbb{H} 50'06	
asc. node	-4585 Apr 30 j 08:34	25° \mathbb{H} 06'37		asc. node	-4584 Apr 16 j 05:33	15° \mathbb{H} 14'36	
	-4585 May 02 j 15:35	0° Υ					
				superior conj	-4584 Apr 19 j 18:29	22° \mathbb{H} 56'14	0°36'00
superior conj	-4585 May 06 j 08:35	7° Υ 58'23	0°58'28	minimum elong	-4584 Apr 19 j 16:58	22° \mathbb{H} 47'56	0°35'39
minimum elong	-4585 May 06 j 06:17	7° Υ 46'03	0°58'05	max. Earth dist.	-4584 Apr 20 j 20:49	25° \mathbb{H} 19'09	1.32978 AU
max. Earth dist.	-4585 May 08 j 11:56	12° Υ 31'54	1.33666 AU		-4584 Apr 23 j 01:00	0° Υ	
evening rise	-4585 May 13 j 21:50	23° Υ 41'30		evening rise	-4584 Apr 26 j 23:33	8° Υ 15'30	
	-4585 May 17 j 03:16	0° \mathbb{B}			-4584 May 08 j 13:49	0° \mathbb{B}	
	-4585 Jun 04 j 05:33	0° Π		evening max el	-4584 May 28 j 21:47	27° \mathbb{B} 28'31	27°16'36
desc. node	-4585 Jun 12 j 05:47	10° Π 14'07		desc. node	-4584 May 29 j 02:53	27° \mathbb{B} 40'40	
evening max el	-4585 Jun 16 j 14:11	14° Π 49'25	27°24'10		-4584 May 31 j 18:09	0° Π	
retrograde	-4585 Jun 30 j 05:08	22° Π 14'01		retrograde	-4584 Jun 11 j 19:20	4° Π 52'36	
evening set	-4585 Jul 07 j 08:23	19° Π 32'09		evening set	-4584 Jun 18 j 20:19	2° Π 31'06	
min. Earth dist.	-4585 Jul 10 j 23:24	16° Π 16'01	0.63824 AU		-4584 Jun 22 j 01:51	30° \Re \mathbb{B}	
inferior conj	-4585 Jul 13 j 12:10	13° Π 36'54	-3°42'41	min. Earth dist.	-4584 Jun 22 j 11:00	29° \mathbb{B} 39'42	0.62034 AU
minimum elong	-4585 Jul 13 j 15:37	13° Π 27'51	3°41'48	inferior conj	-4584 Jun 25 j 12:38	26° \mathbb{B} 48'32	-4°08'00
morning rise	-4585 Jul 19 j 23:37	8° Π 16'45		minimum elong	-4584 Jun 25 j 14:47	26° \mathbb{B} 43'29	4°07'36
direct	-4585 Jul 22 j 16:33	7° Π 40'07		morning rise	-4584 Jul 02 j 10:39	21° \mathbb{B} 48'20	
asc. node	-4585 Jul 27 j 08:11	9° Π 27'28		direct	-4584 Jul 05 j 00:45	21° \mathbb{B} 18'55	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning max el	-4584 Jul 11 j 19:19	24°  43'27	17°58'09	morning rise	-4583 Jun 15 j 08:36	4°  55'57	
asc. node	-4584 Jul 13 j 05:14	26°  13'21		direct	-4583 Jun 17 j 21:03	4°  32'16	
	-4584 Jul 16 j 03:31	0°  II		morning max el	-4583 Jun 25 j 06:33	8°  07'01	18°15'01
morning set	-4584 Jul 28 j 01:04	20°  II10'54		asc. node	-4583 Jun 30 j 02:15	13°  58'32	
	-4584 Aug 02 j 12:09	0°  ☿			-4583 Jul 09 j 10:23	0°  II	
				morning set	-4583 Jul 11 j 07:16	3°  II31'01	
superior conj	-4584 Aug 07 j 23:13	9°  ☿33'25	1°33'58	superior conj	-4583 Jul 20 j 21:34	21°  II23'36	1°47'12
minimum elong	-4584 Aug 08 j 03:46	9°  ☿52'56	1°33'51	minimum elong	-4583 Jul 20 j 23:18	21°  II31'27	1°47'22
max. Earth dist.	-4584 Aug 15 j 04:03	21°  ☿39'06	1.42631 AU		-4583 Jul 25 j 17:48	0°  ☿	
	-4584 Aug 20 j 08:08	0°  ♊		max. Earth dist.	-4583 Jul 28 j 09:47	4°  ☿35'27	1.40872 AU
evening rise	-4584 Aug 22 j 11:53	3°  ♊24'35		evening rise	-4583 Aug 02 j 10:39	12°  ☿59'37	
desc. node	-4584 Aug 25 j 02:00	7°  ♊27'03		desc. node	-4583 Aug 11 j 22:58	27°  ☿59'49	
	-4584 Sep 09 j 04:50	0°  ♊			-4583 Aug 13 j 06:41	0°  ♊	
evening max el	-4584 Sep 22 j 21:06	17°  ♊27'15	21°39'44		-4583 Sep 04 j 16:07	0°  ♊	
retrograde	-4584 Oct 01 j 19:48	22°  ♊45'59		evening max el	-4583 Sep 05 j 12:27	0°  ♊52'17	22°58'47
evening set	-4584 Oct 06 j 01:48	21°  ♊06'10		retrograde	-4583 Sep 15 j 13:40	6°  ♊49'47	
asc. node	-4584 Oct 09 j 04:13	17°  ♊51'42		evening set	-4583 Sep 20 j 09:16	4°  ♊50'25	
inferior conj	-4584 Oct 11 j 09:51	14°  ♊52'23	0°45'31		-4583 Sep 24 j 14:59	30°  ♊♋	
minimum elong	-4584 Oct 11 j 08:48	14°  ♊55'58	0°45'09	inferior conj	-4583 Sep 25 j 16:25	28°  ♊32'48	-0°07'38
min. Earth dist.	-4584 Oct 11 j 15:31	14°  ♊32'49	0.67266 AU	minimum elong	-4583 Sep 25 j 16:35	28°  ♊32'13	0°07'25
morning rise	-4584 Oct 16 j 15:39	8°  ♊36'42		transit middle	-4583 Sep 25 j 16:35	28°  ♊32'13	0°07'25
direct	-4584 Oct 21 j 13:38	6°  ♊32'46		transit begin	-4583 Sep 25 j 14:11	28°  ♊40'30	
morning max el	-4584 Oct 31 j 18:26	12°  ♊38'26	23°11'10	transit end	-4583 Sep 25 j 19:00	28°  ♊23'55	
	-4584 Nov 14 j 15:36	0°  ♋		min. Earth dist.	-4583 Sep 25 j 11:54	28°  ♊48'21	0.67402 AU
desc. node	-4584 Nov 21 j 02:01	9°  ♋18'56		asc. node	-4583 Sep 26 j 01:21	28°  ♊02'02	
	-4584 Dec 04 j 06:42	0°  ♋		morning rise	-4583 Sep 30 j 23:47	22°  ♊19'51	
morning set	-4584 Dec 05 j 09:35	1°  ♋51'23		direct	-4583 Oct 05 j 07:37	20°  ♊37'02	
max. Earth dist.	-4584 Dec 09 j 22:25	9°  ♋33'01	1.39679 AU	morning max el	-4583 Oct 14 j 08:13	25°  ♊58'36	21°46'58
					-4583 Oct 17 j 22:47	0°  ♋	
superior conj	-4584 Dec 17 j 13:55	23°  ♋12'51	-1°53'32	desc. node	-4583 Nov 07 j 22:56	29°  ♋36'44	
minimum elong	-4584 Dec 17 j 14:06	23°  ♋13'39	1°53'44		-4583 Nov 08 j 05:01	0°  ♋	
	-4584 Dec 21 j 05:04	0°  ♋♌		morning set	-4583 Nov 15 j 06:22	11°  ♋00'39	
evening rise	-4584 Dec 27 j 00:19	11°  ♋06'00		max. Earth dist.	-4583 Nov 21 j 22:34	21°  ♋51'05	1.41674 AU
asc. node	-4583 Jan 05 j 03:01	27°  ♋43'49			-4583 Nov 26 j 18:33	0°  ♋	
	-4583 Jan 06 j 13:21	0°  ♌					
evening max el	-4583 Jan 12 j 07:20	7°  ♌17'51	18°31'56	superior conj	-4583 Nov 29 j 12:20	4°  ♋44'36	-1°48'18
retrograde	-4583 Jan 19 j 22:57	11°  ♌02'04		minimum elong	-4583 Nov 29 j 09:11	4°  ♋30'53	1°48'17
evening set	-4583 Jan 22 j 11:09	10°  ♌39'20		evening rise	-4583 Dec 10 j 05:36	24°  ♋04'26	
inferior conj	-4583 Jan 29 j 22:07	6°  ♌08'48	3°51'12		-4583 Dec 13 j 11:09	0°  ♌	
minimum elong	-4583 Jan 30 j 00:48	6°  ♌03'28	3°50'40	asc. node	-4583 Dec 23 j 00:06	15°  ♌51'53	
min. Earth dist.	-4583 Feb 02 j 07:07	3°  ♌29'57	0.58668 AU	evening max el	-4583 Dec 26 j 15:55	20°  ♌13'58	18°11'01
morning rise	-4583 Feb 06 j 12:11	0°  ♌47'26		retrograde	-4582 Jan 02 j 13:41	23°  ♌44'09	
	-4583 Feb 08 j 07:22	30°  ♌♌		evening set	-4582 Jan 05 j 04:44	23°  ♌14'27	
direct	-4583 Feb 12 j 14:52	29°  ♌12'15		inferior conj	-4582 Jan 12 j 01:41	18°  ♌22'11	4°04'50
desc. node	-4583 Feb 17 j 01:28	0°  ♌01'00		minimum elong	-4582 Jan 12 j 01:31	18°  ♌22'34	4°04'37
	-4583 Feb 17 j 00:21	0°  ♌		min. Earth dist.	-4582 Jan 15 j 06:24	15°  ♌28'13	0.60666 AU
morning max el	-4583 Feb 26 j 20:56	6°  ♌43'52	26°32'50	morning rise	-4582 Jan 18 j 20:51	12°  ♌42'50	
	-4583 Mar 16 j 04:25	0°  ♌		direct	-4582 Jan 25 j 17:09	10°  ♌30'12	
morning set	-4583 Mar 28 j 05:22	22°  ♌49'18		desc. node	-4582 Feb 03 j 22:34	14°  ♌00'27	
	-4583 Mar 31 j 14:17	0°  ♌		morning max el	-4582 Feb 08 j 19:55	18°  ♌09'22	27°25'08
asc. node	-4583 Apr 03 j 02:30	5°  ♌27'35			-4582 Feb 18 j 19:17	0°  ♌	
					-4582 Mar 08 j 18:24	0°  ♌	
superior conj	-4583 Apr 04 j 06:02	7°  ♌58'12	0°11'56	morning set	-4582 Mar 12 j 13:29	7°  ♌38'13	
minimum elong	-4583 Apr 04 j 05:31	7°  ♌55'21	0°11'43	max. Earth dist.	-4582 Mar 18 j 22:44	21°  ♌15'27	1.32630 AU
behind sun begin	-4583 Apr 04 j 02:09	7°  ♌36'56					
behind sun end	-4583 Apr 04 j 08:53	8°  ♌13'46		superior conj	-4582 Mar 19 j 17:36	22°  ♌58'28	-0°12'56
max. Earth dist.	-4583 Apr 04 j 09:37	8°  ♌17'48	1.32634 AU	minimum elong	-4582 Mar 19 j 18:11	23°  ♌01'39	0°12'58
evening rise	-4583 Apr 11 j 06:39	23°  ♌05'02		behind sun begin	-4582 Mar 19 j 15:18	22°  ♌45'51	
	-4583 Apr 14 j 16:15	0°  ♌		behind sun end	-4582 Mar 19 j 21:05	23°  ♌17'27	
evening max el	-4583 May 02 j 17:57	0°  ♌		asc. node	-4582 Mar 20 j 23:28	25°  ♌41'38	
desc. node	-4583 May 11 j 00:12	9°  ♌28'37	26°36'19		-4582 Mar 22 j 22:52	0°  ♌	
retrograde	-4583 May 16 j 00:01	13°  ♌34'39		evening rise	-4582 Mar 26 j 16:59	8°  ♌02'35	
evening set	-4583 May 25 j 01:58	16°  ♌49'06			-4582 Apr 07 j 05:44	0°  ♌	
min. Earth dist.	-4583 May 31 j 13:20	15°  ♌01'02		evening max el	-4582 Apr 22 j 20:37	20°  ♌48'27	25°26'51
inferior conj	-4583 Jun 07 j 22:21	9°  ♌34'52	-4°14'42	desc. node	-4582 May 02 j 21:10	27°  ♌21'20	
minimum elong	-4583 Jun 07 j 21:52	9°  ♌35'51	4°14'32	retrograde	-4582 May 06 j 22:36	28°  ♌00'09	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4582 May 12 j 08:56	26° Υ 50'46		evening set	-4581 Apr 22 j 09:51	7° Υ 52'58	
min. Earth dist.	-4582 May 17 j 09:08	24° Υ 01'35	0.58026 AU	min. Earth dist.	-4581 Apr 29 j 00:35	4° Υ 43'46	0.56364 AU
inferior conj	-4582 May 20 j 13:51	21° Υ 46'54	-3°53'32	inferior conj	-4581 May 01 j 09:11	3° Υ 16'43	-2°55'10
minimum elong	-4582 May 20 j 10:00	21° Υ 53'44	3°52'56	minimum elong	-4581 May 01 j 03:26	3° Υ 25'37	2°53'43
morning rise	-4582 May 28 j 13:57	17° Υ 28'38			-4581 May 07 j 12:17	30° \Re H	
direct	-4582 May 31 j 01:25	17° Υ 09'32		morning rise	-4581 May 09 j 23:58	29° H 14'40	
morning max el	-4582 Jun 08 j 11:46	21° Υ 07'22	18°51'55	direct	-4581 May 12 j 11:02	28° H 58'52	
	-4582 Jun 15 j 10:32	0° B			-4581 May 17 j 03:26	0° Υ	
asc. node	-4582 Jun 16 j 23:17	2° B 29'44		morning max el	-4581 May 22 j 08:15	3° Υ 34'26	19°49'17
morning set	-4582 Jun 25 j 00:56	17° B 27'30		asc. node	-4581 Jun 03 j 20:16	21° Υ 35'11	
	-4582 Jul 01 j 10:52	0° II			-4581 Jun 08 j 04:35	0° B	
				morning set	-4581 Jun 09 j 02:41	1° B 50'44	
superior conj	-4582 Jul 03 j 16:20	4° II 16'30	1°48'48	superior conj	-4581 Jun 17 j 02:01	17° B 56'10	1°41'42
minimum elong	-4582 Jul 03 j 15:41	4° II 13'21	1°49'00	minimum elong	-4581 Jun 16 j 23:54	17° B 45'38	1°41'44
max. Earth dist.	-4582 Jul 10 j 11:49	16° II 51'19	1.38938 AU	max. Earth dist.	-4581 Jun 22 j 15:02	28° B 41'05	1.37067 AU
evening rise	-4582 Jul 14 j 11:37	23° II 51'06			-4581 Jun 23 j 07:50	0° II	
	-4582 Jul 18 j 03:04	0° B		evening rise	-4581 Jun 26 j 13:11	5° II 55'44	
desc. node	-4582 Jul 29 j 19:57	18° B 20'51			-4581 Jul 11 j 00:19	0° B	
	-4582 Aug 07 j 01:20	0° Q		desc. node	-4581 Jul 16 j 17:00	8° B 24'11	
evening max el	-4582 Aug 19 j 00:14	14° Q 19'57	24°19'26	evening max el	-4581 Aug 01 j 10:51	27° B 50'21	25°34'18
retrograde	-4582 Aug 30 j 03:56	20° Q 52'41			-4581 Aug 03 j 18:49	0° Q	
evening set	-4582 Sep 04 j 14:28	18° Q 33'46		retrograde	-4581 Aug 13 j 13:57	4° Q 50'33	
inferior conj	-4582 Sep 09 j 22:22	12° Q 15'39	-1°00'47	evening set	-4581 Aug 19 j 15:30	2° Q 14'39	
minimum elong	-4582 Sep 09 j 23:46	12° Q 10'55	1°00'01		-4581 Aug 21 j 20:39	30° \Re B	
min. Earth dist.	-4582 Sep 09 j 07:26	13° Q 06'01	0.67240 AU	min. Earth dist.	-4581 Aug 23 j 23:39	27° B 24'00	0.66751 AU
asc. node	-4582 Sep 12 j 22:30	8° Q 26'28		inferior conj	-4581 Aug 25 j 01:56	25° B 59'08	-1°52'16
morning rise	-4582 Sep 15 j 09:02	6° Q 08'39		minimum elong	-4581 Aug 25 j 04:28	25° B 50'58	1°51'06
direct	-4582 Sep 19 j 04:26	4° Q 45'32		morning rise	-4581 Aug 30 j 17:32	20° B 01'18	
morning max el	-4582 Sep 27 j 04:40	9° Q 26'45	20°31'19	asc. node	-4581 Aug 30 j 19:38	19° B 57'54	
	-4582 Oct 12 j 14:42	0° P		direct	-4581 Sep 03 j 02:35	18° B 55'12	
morning set	-4582 Oct 25 j 07:09	19° P 17'33		morning max el	-4581 Sep 10 j 08:26	23° B 04'10	19°28'31
desc. node	-4582 Oct 25 j 19:49	20° P 06'45			-4581 Sep 16 j 00:46	0° Q	
	-4582 Nov 01 j 02:47	0° B		morning set	-4581 Oct 04 j 09:42	27° Q 46'53	
max. Earth dist.	-4582 Nov 04 j 06:34	5° B 03'12	1.43327 AU		-4581 Oct 05 j 19:50	0° P	
superior conj	-4582 Nov 10 j 08:56	15° B 01'25	-1°28'05	desc. node	-4581 Oct 12 j 16:43	10° P 45'08	
minimum elong	-4582 Nov 10 j 02:37	14° B 35'15	1°27'33	max. Earth dist.	-4581 Oct 17 j 21:06	18° P 55'30	1.44413 AU
	-4582 Nov 19 j 04:42	0° M		superior conj	-4581 Oct 21 j 02:22	24° P 02'44	-0°51'28
evening rise	-4582 Nov 22 j 19:13	6° M 17'06		minimum elong	-4581 Oct 20 j 20:28	23° P 39'12	0°50'43
	-4582 Dec 07 j 05:41	0° J			-4581 Oct 24 j 19:24	0° B	
asc. node	-4582 Dec 09 j 21:13	3° J 08'33		evening rise	-4581 Nov 04 j 12:33	17° B 34'58	
evening max el	-4582 Dec 10 j 03:58	3° J 25'50	18°09'38		-4581 Nov 11 j 23:43	0° M	
retrograde	-4582 Dec 16 j 17:52	6° J 54'57		evening max el	-4581 Nov 23 j 16:39	16° M 47'04	18°26'56
evening set	-4582 Dec 19 j 12:00	6° J 17'17		asc. node	-4581 Nov 26 j 18:23	19° M 19'30	
inferior conj	-4582 Dec 25 j 21:37	1° J 03'52	3°54'28	retrograde	-4581 Nov 30 j 07:08	20° M 25'44	
minimum elong	-4582 Dec 25 j 19:26	1° J 09'32	3°54'01	evening set	-4581 Dec 03 j 05:27	19° M 38'45	
	-4582 Dec 26 j 22:07	30° \Re M		inferior conj	-4581 Dec 09 j 06:08	14° M 06'32	3°27'45
min. Earth dist.	-4582 Dec 28 j 14:14	28° M 17'05	0.62571 AU	minimum elong	-4581 Dec 09 j 03:01	14° M 15'29	3°26'56
morning rise	-4581 Jan 01 j 02:03	25° M 11'29		min. Earth dist.	-4581 Dec 11 j 08:13	11° M 42'46	0.64206 AU
direct	-4581 Jan 08 j 03:58	22° M 32'38		morning rise	-4581 Dec 15 j 00:07	8° M 04'16	
desc. node	-4581 Jan 21 j 19:39	0° J 02'15		direct	-4581 Dec 21 j 22:04	5° M 14'01	
	-4581 Jan 21 j 18:43	0° J		morning max el	-4580 Jan 04 j 09:47	12° M 55'05	27°23'31
morning max el	-4581 Jan 22 j 00:54	0° J 15'05	27°42'01	desc. node	-4580 Jan 08 j 16:41	17° M 32'20	
	-4581 Feb 12 j 18:43	0° B			-4580 Jan 18 j 05:24	0° J	
morning set	-4581 Feb 24 j 16:25	22° B 08'14			-4580 Feb 05 j 06:33	0° B	
	-4581 Feb 28 j 11:37	0° \approx		morning set	-4580 Feb 08 j 11:29	6° B 10'24	
max. Earth dist.	-4581 Mar 02 j 08:18	3° \approx 57'37	1.32985 AU	max. Earth dist.	-4580 Feb 13 j 10:21	16° B 11'23	1.33732 AU
superior conj	-4581 Mar 04 j 03:27	7° \approx 49'53	-0°37'42	superior conj	-4580 Feb 16 j 09:46	22° B 26'24	-1°01'24
minimum elong	-4581 Mar 04 j 05:06	7° \approx 58'51	0°37'34	minimum elong	-4580 Feb 16 j 12:19	22° B 39'54	1°01'10
asc. node	-4581 Mar 07 j 20:27	15° \approx 51'57			-4580 Feb 19 j 22:50	0° \approx	
evening rise	-4581 Mar 11 j 04:34	23° \approx 00'01		asc. node	-4580 Feb 22 j 17:29	5° \approx 54'19	
	-4581 Mar 14 j 14:15	0° H		evening rise	-4580 Feb 23 j 15:41	7° \approx 51'02	
	-4581 Apr 02 j 21:51	0° Υ			-4580 Mar 06 j 12:18	0° H	
evening max el	-4581 Apr 04 j 12:55	1° Υ 38'07	23°58'02	evening max el	-4580 Mar 16 j 06:32	12° H 22'48	22°23'53
retrograde	-4581 Apr 18 j 07:02	8° Υ 30'31		retrograde	-4580 Mar 29 j 03:32	18° H 39'04	
desc. node	-4581 Apr 19 j 18:22	8° Υ 25'37					

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4580 Apr 01 j 03:09	18° X 19'26		retrograde	-4579 Mar 09 j 17:24	28° \approx 54'45	
desc. node	-4580 Apr 05 j 15:33	16° X 43'59		evening set	-4579 Mar 12 j 03:17	28° \approx 41'05	
min. Earth dist.	-4580 Apr 09 j 14:46	14° X 37'49	0.55365 AU	inferior conj	-4579 Mar 21 j 06:50	24° \approx 42'53	0°37'02
inferior conj	-4580 Apr 10 j 11:23	14° X 08'31	-1°18'47	minimum elong	-4579 Mar 21 j 08:31	24° \approx 40'30	0°36'18
minimum elong	-4580 Apr 10 j 07:52	14° X 13'31	1°17'41	min. Earth dist.	-4579 Mar 22 j 05:07	24° \approx 11'02	0.55254 AU
morning rise	-4580 Apr 19 j 14:16	10° X 10'43		desc. node	-4579 Mar 23 j 12:41	23° \approx 26'36	
direct	-4580 Apr 22 j 04:19	9° X 55'24		morning rise	-4579 Mar 30 j 12:57	20° \approx 31'17	
morning max el	-4580 May 03 j 18:09	15° X 21'27	21°06'02	direct	-4579 Apr 02 j 16:24	20° \approx 09'44	
	-4580 May 14 j 17:40	0° Y		morning max el	-4579 Apr 15 j 17:39	26° \approx 28'50	22°38'10
asc. node	-4580 May 20 j 17:14	11° Y 06'19			-4579 Apr 19 j 02:00	0° X	
morning set	-4580 May 23 j 09:53	16° Y 33'21			-4579 May 07 j 03:17	0° Y	
	-4580 May 29 j 21:06	0° Z		morning set	-4579 May 07 j 20:29	1° Y 29'16	
				asc. node	-4579 May 07 j 14:12	0° Y 56'35	
superior conj	-4580 May 30 j 22:13	2° Z 09'46	1°28'17	superior conj	-4579 May 15 j 01:41	16° Y 47'29	1°10'20
minimum elong	-4580 May 30 j 19:32	1° Z 55'54	1°28'05	minimum elong	-4579 May 14 j 23:06	16° Y 33'47	1°09'59
max. Earth dist.	-4580 Jun 04 j 00:59	10° Z 29'55	1.35460 AU	max. Earth dist.	-4579 May 17 j 20:51	22° Y 39'47	1.34210 AU
evening rise	-4580 Jun 08 j 10:13	19° Z 00'10			-4579 May 21 j 11:15	0° Z	
	-4580 Jun 14 j 11:19	0° II		evening rise	-4579 May 22 j 21:36	2° Z 50'03	
desc. node	-4580 Jul 02 j 14:07	28° II 01'31			-4579 Jun 07 j 07:36	0° II	
	-4580 Jul 04 j 01:59	0° III		desc. node	-4579 Jun 19 j 11:13	17° II 01'56	
evening max el	-4580 Jul 13 j 21:45	11° III 19'07	26°35'13	evening max el	-4579 Jun 26 j 08:59	24° II 39'02	27°14'19
retrograde	-4580 Jul 26 j 19:13	18° III 36'31			-4579 Jul 03 j 04:09	0° III	
evening set	-4580 Aug 02 j 10:06	15° III 49'55		retrograde	-4579 Jul 09 j 19:14	2° III 03'29	
min. Earth dist.	-4580 Aug 06 j 10:14	11° III 37'43	0.65908 AU		-4579 Jul 15 j 20:05	30° R II	
inferior conj	-4580 Aug 08 j 01:09	9° III 39'52	-2°40'18	evening set	-4579 Jul 16 j 19:34	29° II 16'19	
minimum elong	-4580 Aug 08 j 04:31	9° III 29'40	2°39'00	min. Earth dist.	-4579 Jul 20 j 13:07	25° II 41'05	0.64687 AU
morning rise	-4580 Aug 13 j 23:14	3° III 54'15		inferior conj	-4579 Jul 22 j 17:47	23° II 14'38	-3°22'25
asc. node	-4580 Aug 16 j 16:44	3° III 02'34		minimum elong	-4579 Jul 22 j 21:27	23° II 04'27	3°21'18
direct	-4580 Aug 17 j 00:12	3° III 02'02		morning rise	-4579 Jul 28 j 23:53	17° II 44'12	
morning max el	-4580 Aug 23 j 18:09	6° III 47'33	18°40'58	direct	-4579 Jul 31 j 19:04	17° II 02'42	
	-4580 Sep 08 j 19:59	0° II		asc. node	-4579 Aug 03 j 13:46	17° II 43'13	
morning set	-4580 Sep 13 j 09:24	7° II 19'52		morning max el	-4579 Aug 07 j 07:40	20° II 33'16	18°10'09
	-4580 Sep 27 j 15:20	0° III			-4579 Aug 14 j 11:14	0° III	
desc. node	-4580 Sep 28 j 13:38	1° III 27'53		morning set	-4579 Aug 25 j 12:24	18° III 11'41	
					-4579 Sep 01 j 14:43	0° II	
superior conj	-4580 Sep 29 j 02:48	2° III 19'47	-0°03'29	superior conj	-4579 Sep 08 j 08:10	10° II 55'41	0°43'55
minimum elong	-4580 Sep 29 j 02:21	2° III 18'00	0°03'18	minimum elong	-4579 Sep 08 j 13:04	11° II 15'20	0°43'30
behind sun begin	-4580 Sep 28 j 15:06	1° III 33'42		max. Earth dist.	-4579 Sep 12 j 07:56	17° II 17'37	1.44476 AU
behind sun end	-4580 Sep 29 j 13:35	3° III 02'17		desc. node	-4579 Sep 15 j 10:35	22° II 12'22	
max. Earth dist.	-4580 Sep 29 j 14:33	3° III 06'07	1.44806 AU		-4579 Sep 20 j 10:00	0° III	
evening rise	-4580 Oct 15 j 05:22	27° III 48'31		evening rise	-4579 Sep 24 j 22:13	7° III 00'44	
	-4580 Oct 16 j 14:21	0° IV		greatest brilliancy	-4579 Oct 07 j 21:17	26° III 52'43	-0.7m
	-4580 Nov 05 j 22:37	0° IV			-4579 Oct 09 j 23:44	0° IV	
evening max el	-4580 Nov 06 j 03:22	0° IV 12'22	19°01'51	evening max el	-4579 Oct 20 j 09:57	13° IV 39'21	19°52'49
asc. node	-4580 Nov 12 j 15:32	4° IV 08'29		retrograde	-4579 Oct 27 j 22:27	18° IV 02'40	
retrograde	-4580 Nov 13 j 01:38	4° IV 09'29		asc. node	-4579 Oct 30 j 12:39	17° IV 23'37	
evening set	-4580 Nov 16 j 05:58	3° IV 11'07		evening set	-4579 Oct 31 j 11:02	16° IV 50'15	
	-4580 Nov 19 j 19:34	30° R IV		inferior conj	-4579 Nov 05 j 23:46	10° IV 49'50	2°05'06
inferior conj	-4580 Nov 21 j 23:46	27° IV 23'11	2°50'04	minimum elong	-4579 Nov 05 j 21:09	10° IV 58'27	2°04'08
minimum elong	-4580 Nov 21 j 20:37	27° IV 33'02	2°49'02	min. Earth dist.	-4579 Nov 06 j 22:57	9° IV 33'21	0.66447 AU
min. Earth dist.	-4580 Nov 23 j 11:43	25° IV 31'11	0.65501 AU	morning rise	-4579 Nov 11 j 07:02	4° IV 35'54	
morning rise	-4580 Nov 27 j 10:55	21° IV 13'43		direct	-4579 Nov 17 j 05:00	2° IV 00'38	
direct	-4580 Dec 03 j 22:39	18° IV 25'45		morning max el	-4579 Nov 29 j 04:35	9° IV 06'44	25°24'00
morning max el	-4580 Dec 16 j 19:35	25° IV 56'05	26°34'46	desc. node	-4579 Dec 12 j 10:38	25° IV 20'00	
	-4580 Dec 20 j 14:27	0° V			-4579 Dec 15 j 17:28	0° V	
desc. node	-4580 Dec 25 j 13:40	6° V 04'13			-4578 Jan 03 j 07:11	0° V	
	-4579 Jan 10 j 17:58	0° VI		morning set	-4578 Jan 04 j 10:12	2° V 01'19	
morning set	-4579 Jan 21 j 19:02	19° V 32'49		max. Earth dist.	-4578 Jan 08 j 04:43	8° V 58'36	1.36530 AU
max. Earth dist.	-4579 Jan 26 j 01:21	27° V 48'48	1.34909 AU				
	-4579 Jan 27 j 03:38	0° VI		superior conj	-4578 Jan 14 j 02:25	20° V 24'29	-1°40'07
superior conj	-4579 Jan 30 j 10:21	6° VI 40'37	-1°22'46	minimum elong	-4578 Jan 14 j 05:14	20° V 38'29	1°40'06
minimum elong	-4579 Jan 30 j 13:23	6° VI 56'15	1°22'35		-4578 Jan 18 j 20:40	0° VI	
evening rise	-4579 Feb 07 j 00:30	22° VI 29'05		evening rise	-4578 Jan 22 j 05:02	6° VI 48'10	
asc. node	-4579 Feb 08 j 14:31	25° VI 43'49		asc. node	-4578 Jan 26 j 11:34	15° VI 14'47	
	-4579 Feb 10 j 17:48	0° VII			-4578 Feb 04 j 07:57	0° VII	
evening max el	-4579 Feb 26 j 07:34	23° VII 28'41	20°57'08				

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening max el	-4578 Feb 08 j 18:58	5°08'52	19°45'37	retrograde	-4577 Jan 30 j 22:56	21°32'32	
retrograde	-4578 Feb 18 j 12:09	9°44'56		evening set	-4577 Feb 02 j 09:39	21°30'06	
evening set	-4578 Feb 20 j 20:21	9°30'08		inferior conj	-4577 Feb 10 j 05:46	16°34'01	3°28'50
inferior conj	-4578 Mar 01 j 09:33	5°27'34	2°20'14	minimum elong	-4577 Feb 10 j 09:59	16°36'22	3°27'52
minimum elong	-4578 Mar 01 j 14:30	5°19'47	2°18'38	min. Earth dist.	-4577 Feb 13 j 11:09	14°32'50	0.57593 AU
min. Earth dist.	-4578 Mar 03 j 19:35	3°56'54	0.56064 AU	morning rise	-4577 Feb 18 j 07:51	11°36'53	
morning rise	-4578 Mar 10 j 06:14	0°49'01		direct	-4577 Feb 23 j 19:37	10°32'48	
desc. node	-4578 Mar 10 j 09:50	0°46'17		desc. node	-4577 Feb 25 j 06:57	10°32'43	
direct	-4578 Mar 14 j 11:52	0°08'56		morning max el	-4577 Mar 10 j 01:02	17°34'09	25°49'01
morning max el	-4578 Mar 28 j 09:53	7°08'31	24°17'02		-4577 Mar 20 j 03:46	0°00	
	-4578 Apr 13 j 21:51	0°00			-4577 Apr 06 j 02:34	0°00	
morning set	-4578 Apr 22 j 08:36	16°31'31		morning set	-4577 Apr 06 j 20:36	1°34'03	
asc. node	-4578 Apr 24 j 11:09	20°59'35		asc. node	-4577 Apr 11 j 08:09	11°31'02	
	-4578 Apr 28 j 15:18	0°00					
superior conj	-4578 Apr 29 j 09:49	1°40'03	0°49'13	superior conj	-4577 Apr 13 j 20:39	16°40'35	0°25'57
minimum elong	-4578 Apr 29 j 07:49	1°29'12	0°48'49	minimum elong	-4577 Apr 13 j 19:32	16°43'27	0°25'39
max. Earth dist.	-4578 May 01 j 01:56	5°15'44	1.33331 AU	max. Earth dist.	-4577 Apr 14 j 13:09	18°31'05	1.32799 AU
evening rise	-4578 May 06 j 19:04	17°11'24			-4577 Apr 20 j 01:34	0°00	
	-4578 May 13 j 10:32	0°00		evening rise	-4577 Apr 20 j 23:26	1°53'31	
	-4578 Jun 01 j 21:20	0°00			-4577 May 06 j 09:35	0°00	
desc. node	-4578 Jun 06 j 08:20	5°08'56		evening max el	-4577 May 22 j 00:39	20°01'09	27°03'21
evening max el	-4578 Jun 08 j 18:50	7°37'15	27°25'04	desc. node	-4577 May 24 j 05:26	22°00'02	
retrograde	-4578 Jun 22 j 13:08	15°01'47		retrograde	-4577 Jun 04 j 23:57	27°23'02	
evening set	-4578 Jun 29 j 16:27	12°27'10		evening set	-4577 Jun 11 j 20:45	25°14'39	
min. Earth dist.	-4578 Jul 03 j 06:37	9°22'46	0.63098 AU	min. Earth dist.	-4577 Jun 15 j 14:08	22°29'14	0.61203 AU
inferior conj	-4578 Jul 06 j 01:04	6°36'49	-3°55'16	inferior conj	-4577 Jun 18 j 19:43	19°38'48	-4°13'36
minimum elong	-4578 Jul 06 j 04:07	6°29'09	3°54'36	minimum elong	-4577 Jun 18 j 20:54	19°36'09	4°13'23
morning rise	-4578 Jul 12 j 16:47	1°24'32		morning rise	-4577 Jun 25 j 22:42	14°47'19	
direct	-4578 Jul 15 j 08:17	0°51'12		direct	-4577 Jun 28 j 12:08	14°20'20	
asc. node	-4578 Jul 21 j 10:48	3°47'29		morning max el	-4577 Jul 05 j 11:42	17°47'32	18°02'52
morning max el	-4578 Jul 21 j 22:24	4°15'16	17°57'08	asc. node	-4577 Jul 08 j 07:50	21°00'02	
morning set	-4578 Aug 07 j 15:28	0°12'03			-4577 Jul 14 j 06:03	0°00	
	-4578 Aug 07 j 12:44	0°00		morning set	-4577 Jul 21 j 13:11	13°06'38	
					-4577 Jul 30 j 20:18	0°00	
superior conj	-4578 Aug 19 j 12:30	20°39'58	1°19'59	superior conj	-4577 Jul 31 j 20:29	1°46'43	1°41'13
minimum elong	-4578 Aug 19 j 18:11	21°03'44	1°19'38	minimum elong	-4577 Jul 31 j 23:52	2°01'34	1°41'14
	-4578 Aug 25 j 04:36	0°00		max. Earth dist.	-4577 Aug 08 j 08:14	14°35'30	1.41926 AU
max. Earth dist.	-4578 Aug 25 j 22:36	1°12'49	1.43472 AU	evening rise	-4577 Aug 14 j 12:54	24°41'01	
desc. node	-4578 Sep 02 j 07:31	12°54'54			-4577 Aug 17 j 21:44	0°00	
evening rise	-4578 Sep 04 j 02:03	15°40'27		desc. node	-4577 Aug 20 j 04:27	3°32'12	
	-4578 Sep 13 j 11:30	0°00			-4577 Sep 07 j 10:51	0°00	
evening max el	-4578 Oct 03 j 10:46	27°05'37	20°57'38	evening max el	-4577 Sep 16 j 05:16	10°30'19	22°12'47
	-4578 Oct 06 j 17:03	0°00		retrograde	-4577 Sep 25 j 14:46	16°05'09	
retrograde	-4578 Oct 11 j 19:25	2°02'09		evening set	-4577 Sep 30 j 02:29	14°16'54	
evening set	-4578 Oct 15 j 18:31	0°32'57		asc. node	-4577 Oct 04 j 06:54	9°33'55	
	-4578 Oct 16 j 10:38	30°00		inferior conj	-4577 Oct 05 j 09:57	8°01'09	0°23'04
asc. node	-4578 Oct 17 j 09:46	29°04'27		minimum elong	-4577 Oct 05 j 09:25	8°03'01	0°22'56
inferior conj	-4578 Oct 21 j 03:49	24°23'14	1°15'27	min. Earth dist.	-4577 Oct 05 j 11:13	7°56'48	0.67360 AU
minimum elong	-4578 Oct 21 j 02:08	24°28'58	1°14'48	morning rise	-4577 Oct 10 j 16:13	1°46'33	
min. Earth dist.	-4578 Oct 21 j 15:35	23°43'03	0.67058 AU		-4577 Oct 14 j 01:23	30°00	
morning rise	-4578 Oct 26 j 09:34	18°07'36		direct	-4577 Oct 15 j 08:02	29°51'46	
direct	-4578 Oct 31 j 16:22	15°51'22			-4577 Oct 16 j 15:38	0°00	
morning max el	-4578 Nov 11 j 13:20	22°20'49	24°00'56	morning max el	-4577 Oct 25 j 00:28	5°38'04	22°34'48
	-4578 Nov 18 j 05:53	0°00			-4577 Nov 12 j 15:50	0°00	
desc. node	-4578 Nov 29 j 07:35	15°06'51		desc. node	-4577 Nov 16 j 04:29	5°15'04	
	-4578 Dec 09 j 01:39	0°00		morning set	-4577 Nov 27 j 16:07	23°14'57	
morning set	-4578 Dec 17 j 03:03	13°19'40			-4577 Dec 01 j 17:59	0°00	
max. Earth dist.	-4578 Dec 21 j 01:20	20°11'46	1.38488 AU	max. Earth dist.	-4577 Dec 02 j 22:56	2°02'15	1.40551 AU
	-4578 Dec 26 j 10:13	0°00					
superior conj	-4578 Dec 28 j 06:18	3°27'46	-1°51'11	superior conj	-4577 Dec 10 j 17:04	15°36'34	-1°52'57
minimum elong	-4578 Dec 28 j 07:50	3°35'02	1°51'20	minimum elong	-4577 Dec 10 j 15:57	15°31'33	1°53'05
evening rise	-4577 Jan 06 j 02:59	20°42'10			-4577 Dec 18 j 11:50	0°00	
	-4577 Jan 10 j 23:03	0°00		evening rise	-4577 Dec 20 j 15:23	4°03'04	
asc. node	-4577 Jan 13 j 08:38	4°20'41		asc. node	-4577 Dec 31 j 05:43	22°52'37	
evening max el	-4577 Jan 22 j 16:22	17°23'51	18°53'03		-4576 Jan 05 j 18:55	0°00	
				evening max el	-4576 Jan 05 j 21:35	0°06'32	18°20'34

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

retrograde	-4576 Jan 13 j 04:20	3° Z 43'23			-4576 Nov 23 j 04:15	0° M	
evening set	-4576 Jan 15 j 17:46	3° Z 17'46		evening rise	-4576 Dec 02 j 14:34	16° M 43'07	
	-4576 Jan 21 j 06:24	30° K A			-4576 Dec 10 j 02:03	0° A	
inferior conj	-4576 Jan 22 j 22:23	28° A 37'42	4°00'28	asc. node	-4576 Dec 17 j 02:49	10° A 40'10	
minimum elong	-4576 Jan 22 j 23:49	28° A 34'40	4°00'10	evening max el	-4576 Dec 19 j 07:56	13° A 09'36	18°08'04
min. Earth dist.	-4576 Jan 26 j 06:42	25° A 49'45	0.59511 AU	retrograde	-4576 Dec 26 j 01:26	16° A 38'15	
morning rise	-4576 Jan 30 j 04:00	23° A 07'48		evening set	-4576 Dec 28 j 17:34	16° A 05'28	
direct	-4576 Feb 05 j 15:24	21° A 16'18		inferior conj	-4575 Jan 04 j 09:24	11° A 04'02	4°02'52
desc. node	-4576 Feb 12 j 04:03	23° A 01'41		minimum elong	-4575 Jan 04 j 08:14	11° A 06'50	4°02'35
morning max el	-4576 Feb 19 j 20:39	28° A 51'20	26°59'11	min. Earth dist.	-4575 Jan 07 j 09:34	8° A 10'29	0.61496 AU
	-4576 Feb 21 j 00:08	0° Z		morning rise	-4575 Jan 10 j 21:42	5° A 18'16	
	-4576 Mar 12 j 19:54	0° \approx		direct	-4575 Jan 17 j 21:35	2° A 52'43	
morning set	-4576 Mar 21 j 06:41	16° \approx 29'49		desc. node	-4575 Jan 29 j 01:09	7° A 57'11	
	-4576 Mar 27 j 13:44	0° H		morning max el	-4575 Jan 31 j 22:35	10° A 34'35	27°36'46
					-4575 Feb 16 j 03:51	0° Z	
superior conj	-4576 Mar 28 j 08:25	1° H 42'15	0°01'26		-4575 Mar 04 j 22:52	0° \approx	
minimum elong	-4576 Mar 28 j 08:22	1° H 41'56	0°01'18	morning set	-4575 Mar 05 j 12:54	1° \approx 11'37	
behind sun begin	-4576 Mar 28 j 03:23	1° H 14'39		max. Earth dist.	-4575 Mar 11 j 14:45	14° \approx 03'13	1.32734 AU
behind sun end	-4576 Mar 28 j 13:21	2° H 09'13					
max. Earth dist.	-4576 Mar 28 j 02:43	1° H 11'06	1.32596 AU	superior conj	-4575 Mar 12 j 19:28	16° \approx 39'14	-0°23'31
asc. node	-4576 Mar 28 j 05:08	1° H 24'18		minimum elong	-4575 Mar 12 j 20:31	16° \approx 44'57	0°23'27
evening rise	-4576 Apr 04 j 08:10	16° H 47'08		asc. node	-4575 Mar 15 j 02:08	21° \approx 37'02	
	-4576 Apr 10 j 23:31	0° Y			-4575 Mar 18 j 23:24	0° H	
	-4576 May 01 j 07:14	0° B		evening rise	-4575 Mar 19 j 19:14	1° H 44'54	
evening max el	-4576 May 03 j 00:22	1° B 42'55	26°09'43		-4575 Apr 04 j 08:21	0° Y	
desc. node	-4576 May 10 j 02:35	7° B 04'30		evening max el	-4575 Apr 14 j 18:21	12° Y 46'40	24°50'34
retrograde	-4576 May 17 j 02:30	9° B 00'33		desc. node	-4575 Apr 26 j 23:47	19° Y 45'23	
evening set	-4576 May 23 j 04:47	7° B 28'38		retrograde	-4575 Apr 28 j 18:38	19° Y 52'49	
min. Earth dist.	-4576 May 27 j 13:04	4° B 45'41	0.59159 AU	evening set	-4575 May 03 j 15:40	18° Y 58'21	
inferior conj	-4576 May 30 j 22:03	2° B 11'20	-4°09'42	min. Earth dist.	-4575 May 09 j 06:36	16° Y 01'53	0.57253 AU
minimum elong	-4576 May 30 j 20:09	2° B 15'00	4°09'28	inferior conj	-4575 May 12 j 04:59	14° Y 05'23	-3°33'43
	-4576 Jun 02 j 22:10	30° K Y		minimum elong	-4575 May 11 j 23:57	14° Y 13'47	3°32'44
morning rise	-4576 Jun 07 j 14:03	27° Y 41'46		morning rise	-4575 May 20 j 11:23	9° Y 55'11	
direct	-4576 Jun 10 j 02:10	27° Y 20'06		direct	-4575 May 22 j 22:19	9° Y 37'52	
	-4576 Jun 16 j 16:18	0° B		morning max el	-4575 May 31 j 22:40	13° Y 50'03	19°13'54
morning max el	-4576 Jun 17 j 20:46	1° B 02'29	18°28'16	asc. node	-4575 Jun 11 j 01:54	27° Y 52'53	
asc. node	-4576 Jun 24 j 04:53	9° B 06'10			-4575 Jun 12 j 06:16	0° B	
morning set	-4576 Jul 04 j 00:44	26° B 43'26		morning set	-4575 Jun 17 j 22:12	10° B 51'53	
	-4576 Jul 05 j 17:41	0° II					
superior conj	-4576 Jul 13 j 04:20	14° II 06'03	1°49'07	superior conj	-4575 Jun 26 j 06:04	27° B 20'38	1°46'42
minimum elong	-4576 Jul 13 j 04:57	14° II 08'54	1°49'20	minimum elong	-4575 Jun 26 j 04:41	27° B 13'51	1°46'50
max. Earth dist.	-4576 Jul 20 j 12:10	27° II 14'43	1.40053 AU		-4575 Jun 27 j 15:07	0° II	
	-4576 Jul 22 j 02:31	0° E		max. Earth dist.	-4575 Jul 02 j 13:28	9° II 14'31	1.38115 AU
evening rise	-4576 Jul 24 j 22:29	4° E 47'11		evening rise	-4575 Jul 06 j 10:27	16° II 11'01	
desc. node	-4576 Aug 06 j 01:26	24° E 00'40			-4575 Jul 14 j 15:38	0° E	
	-4576 Aug 10 j 02:30	0° O		desc. node	-4575 Jul 23 j 22:29	14° E 14'54	
evening max el	-4576 Aug 28 j 18:39	23° O 55'42	23°33'16		-4575 Aug 04 j 14:28	0° O	
	-4576 Sep 06 j 20:23	0° M		evening max el	-4575 Aug 11 j 05:30	7° O 23'55	24°52'28
retrograde	-4576 Sep 08 j 07:20	0° M 09'18		retrograde	-4575 Aug 22 j 20:01	14° O 10'21	
	-4576 Sep 09 j 17:06	30° K O		evening set	-4575 Aug 28 j 12:54	11° O 43'44	
evening set	-4576 Sep 13 j 09:14	28° O 01'14		min. Earth dist.	-4575 Sep 02 j 02:00	6° O 31'17	0.67069 AU
inferior conj	-4576 Sep 18 j 16:28	21° O 42'47	-0°30'16	inferior conj	-4575 Sep 02 j 21:38	5° O 26'04	-1°22'55
minimum elong	-4576 Sep 18 j 17:10	21° O 40'24	0°29'49	minimum elong	-4575 Sep 02 j 23:32	5° O 19'45	1°21'58
min. Earth dist.	-4576 Sep 18 j 07:30	22° O 13'31	0.67367 AU	asc. node	-4575 Sep 07 j 01:10	0° O 30'16	
asc. node	-4576 Sep 20 j 04:02	19° O 42'51			-4575 Sep 07 j 14:43	30° K E	
morning rise	-4576 Sep 24 j 01:03	15° O 32'07		morning rise	-4575 Sep 08 j 10:11	29° E 22'24	
direct	-4576 Sep 28 j 03:16	13° O 58'12		direct	-4575 Sep 12 j 00:49	28° E 07'01	
morning max el	-4576 Oct 06 j 17:03	19° O 02'02	21°13'31		-4575 Sep 16 j 19:19	0° O	
	-4576 Oct 15 j 15:17	0° M		morning max el	-4575 Sep 19 j 16:39	2° O 33'57	20°02'48
desc. node	-4576 Nov 02 j 01:24	25° M 38'33			-4575 Oct 09 j 10:42	0° M	
	-4576 Nov 04 j 20:50	0° E		morning set	-4575 Oct 16 j 00:53	10° M 08'45	
morning set	-4576 Nov 06 j 02:29	1° E 56'00		desc. node	-4575 Oct 19 j 22:17	16° M 12'10	
max. Earth dist.	-4576 Nov 14 j 02:24	14° E 44'14	1.42429 AU	max. Earth dist.	-4575 Oct 27 j 12:44	28° M 12'20	1.43865 AU
					-4575 Oct 28 j 15:38	0° E	
superior conj	-4576 Nov 21 j 05:01	26° E 37'06	-1°41'45	superior conj	-4575 Nov 01 j 13:41	6° E 19'49	-1°14'27
minimum elong	-4576 Nov 21 j 00:21	26° E 17'10	1°41'31	minimum elong	-4575 Nov 01 j 06:54	5° E 52'12	1°13'45

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening rise	-4575 Nov 14 j 20:04	28° Ω 32'45		evening rise	-4574 Oct 27 j 03:14	9° Ω 23'08	
	-4575 Nov 15 j 16:25	0° \mathbb{M}			-4574 Nov 08 j 22:27	0° \mathbb{M}	
evening max el	-4575 Dec 02 j 20:33	26° \mathbb{M} 25'43	18°14'52	evening max el	-4574 Nov 16 j 08:44	9° \mathbb{M} 49'06	18°39'48
asc. node	-4575 Dec 03 j 23:56	27° \mathbb{M} 30'19		asc. node	-4574 Nov 20 j 21:03	13° \mathbb{M} 07'56	
retrograde	-4575 Dec 09 j 09:50	29° \mathbb{M} 57'41		retrograde	-4574 Nov 23 j 01:32	13° \mathbb{M} 34'09	
evening set	-4575 Dec 12 j 05:31	29° \mathbb{M} 16'23		evening set	-4574 Nov 26 j 02:16	12° \mathbb{M} 42'31	
inferior conj	-4575 Dec 18 j 11:05	23° \mathbb{M} 54'58	3°44'46	inferior conj	-4574 Dec 01 j 23:48	7° \mathbb{M} 03'25	3°12'49
minimum elong	-4575 Dec 18 j 08:23	24° \mathbb{M} 02'19	3°44'09	minimum elong	-4574 Dec 01 j 20:34	7° \mathbb{M} 13'01	3°11'53
min. Earth dist.	-4575 Dec 20 j 21:46	21° \mathbb{M} 16'08	0.63303 AU	min. Earth dist.	-4574 Dec 03 j 19:46	4° \mathbb{M} 52'27	0.64803 AU
morning rise	-4575 Dec 24 j 10:34	17° \mathbb{M} 58'02		morning rise	-4574 Dec 07 j 14:29	0° \mathbb{M} 58'03	
direct	-4575 Dec 31 j 11:54	15° \mathbb{M} 12'04			-4574 Dec 08 j 20:32	30° \mathbb{R} Ω	
morning max el	-4574 Jan 14 j 05:26	22° \mathbb{M} 55'26	27°38'15	direct	-4574 Dec 14 j 08:52	28° Ω 07'09	
desc. node	-4574 Jan 15 j 22:13	24° \mathbb{M} 39'46			-4574 Dec 20 j 11:07	0° \mathbb{M}	
	-4574 Jan 20 j 13:41	0° \mathbb{X}		morning max el	-4574 Dec 27 j 14:43	5° \mathbb{M} 44'29	27°06'04
	-4574 Feb 09 j 08:09	0° \mathbb{Z}		desc. node	-4573 Jan 02 j 19:12	12° \mathbb{M} 38'14	
morning set	-4574 Feb 17 j 12:55	15° \mathbb{Z} 31'17			-4573 Jan 15 j 06:50	0° \mathbb{X}	
max. Earth dist.	-4574 Feb 22 j 21:23	26° \mathbb{Z} 33'49	1.33242 AU	morning set	-4573 Feb 01 j 03:31	29° \mathbb{X} 17'25	
	-4574 Feb 24 j 12:08	0° \approx			-4573 Feb 01 j 12:17	0° \mathbb{Z}	
				max. Earth dist.	-4573 Feb 05 j 18:55	8° \mathbb{Z} 31'29	1.34173 AU
superior conj	-4574 Feb 25 j 04:06	1° \approx 25'34	-0°47'57	superior conj	-4573 Feb 09 j 08:15	15° \mathbb{Z} 53'17	-1°10'50
minimum elong	-4574 Feb 25 j 06:10	1° \approx 36'39	0°47'45	minimum elong	-4573 Feb 09 j 11:04	16° \mathbb{Z} 08'03	1°10'36
asc. node	-4574 Mar 01 j 23:08	11° \approx 44'41			-4573 Feb 16 j 00:36	0° \approx	
evening rise	-4574 Mar 04 j 06:51	16° \approx 40'31		evening rise	-4573 Feb 16 j 17:10	1° \approx 26'32	
	-4574 Mar 10 j 23:10	0° \mathbb{H}		asc. node	-4573 Feb 16 j 20:09	1° \approx 42'01	
evening max el	-4574 Mar 27 j 10:38	23° \mathbb{H} 32'04	23°17'58		-4573 Mar 05 j 06:40	0° \mathbb{H}	
	-4574 Apr 07 j 16:40	0° \mathbb{Y}		evening max el	-4573 Mar 09 j 06:56	4° \mathbb{H} 23'24	21°45'38
retrograde	-4574 Apr 09 j 21:58	0° \mathbb{Y} 11'09		retrograde	-4573 Mar 21 j 13:59	10° \mathbb{H} 18'41	
	-4574 Apr 12 j 03:48	30° \mathbb{R} \mathbb{H}		evening set	-4573 Mar 24 j 06:12	10° \mathbb{H} 02'40	
evening set	-4574 Apr 13 j 11:42	29° \mathbb{H} 43'13		desc. node	-4573 Mar 31 j 18:10	7° \mathbb{H} 00'51	
desc. node	-4574 Apr 13 j 20:59	29° \mathbb{H} 36'59		inferior conj	-4573 Apr 02 j 14:06	5° \mathbb{H} 59'38	-0°30'17
min. Earth dist.	-4574 Apr 20 j 21:42	26° \mathbb{H} 21'49	0.55838 AU	minimum elong	-4573 Apr 02 j 12:41	6° \mathbb{H} 01'38	0°29'55
inferior conj	-4574 Apr 22 j 16:25	25° \mathbb{H} 18'46	-2°18'28	min. Earth dist.	-4573 Apr 02 j 11:44	6° \mathbb{H} 02'58	0.55205 AU
minimum elong	-4574 Apr 22 j 11:02	25° \mathbb{H} 26'44	2°16'55	morning rise	-4573 Apr 11 j 19:47	1° \mathbb{H} 58'16	
morning rise	-4574 May 01 j 12:55	21° \mathbb{H} 19'59		direct	-4573 Apr 14 j 14:15	1° \mathbb{H} 41'14	
direct	-4574 May 04 j 00:21	21° \mathbb{H} 04'56		morning max el	-4573 Apr 26 j 20:01	7° \mathbb{H} 30'10	21°43'37
morning max el	-4574 May 14 j 14:53	26° \mathbb{H} 01'25	20°19'35		-4573 May 12 j 08:25	0° \mathbb{Y}	
	-4574 May 18 j 06:52	0° \mathbb{Y}		asc. node	-4573 May 15 j 19:52	6° \mathbb{Y} 50'34	
asc. node	-4574 May 28 j 22:53	17° \mathbb{Y} 10'35		morning set	-4573 May 17 j 11:28	10° \mathbb{Y} 13'31	
morning set	-4574 Jun 02 j 02:35	25° \mathbb{Y} 24'31					
	-4574 Jun 04 j 08:28	0° \mathbb{B}		superior conj	-4573 May 24 j 20:20	25° \mathbb{Y} 40'55	1°21'09
superior conj	-4574 Jun 09 j 20:43	11° \mathbb{B} 16'20	1°36'40	minimum elong	-4573 May 24 j 17:37	25° \mathbb{Y} 26'44	1°20'51
minimum elong	-4574 Jun 09 j 18:16	11° \mathbb{B} 03'55	1°36'36		-4573 May 26 j 22:22	0° \mathbb{B}	
max. Earth dist.	-4574 Jun 14 j 18:51	21° \mathbb{B} 00'27	1.36349 AU	max. Earth dist.	-4573 May 28 j 09:15	2° \mathbb{B} 57'58	1.34892 AU
evening rise	-4574 Jun 18 j 21:04	28° \mathbb{B} 43'43		evening rise	-4573 Jun 02 j 00:47	12° \mathbb{B} 09'02	
	-4574 Jun 19 j 13:42	0° \mathbb{I}			-4573 Jun 11 j 22:41	0° \mathbb{I}	
	-4574 Jul 07 j 21:43	0° \mathbb{E}		desc. node	-4573 Jun 27 j 16:40	23° \mathbb{I} 31'17	
desc. node	-4574 Jul 10 j 19:33	4° \mathbb{E} 08'17			-4573 Jul 03 j 00:19	0° \mathbb{E}	
evening max el	-4574 Jul 24 j 16:19	20° \mathbb{E} 55'02	26°02'23	evening max el	-4573 Jul 07 j 03:42	4° \mathbb{E} 21'52	26°54'54
retrograde	-4574 Aug 06 j 04:05	28° \mathbb{E} 03'37		retrograde	-4573 Jul 20 j 06:56	11° \mathbb{E} 42'19	
evening set	-4574 Aug 12 j 11:28	25° \mathbb{E} 22'34		evening set	-4573 Jul 27 j 02:32	8° \mathbb{E} 54'13	
min. Earth dist.	-4574 Aug 16 j 16:13	20° \mathbb{E} 47'53	0.66441 AU	min. Earth dist.	-4573 Jul 30 j 23:45	4° \mathbb{E} 58'07	0.65443 AU
inferior conj	-4574 Aug 17 j 23:37	19° \mathbb{E} 08'57	-2°13'11	inferior conj	-4573 Aug 01 j 20:20	2° \mathbb{E} 47'40	-2°59'03
minimum elong	-4574 Aug 18 j 02:33	18° \mathbb{E} 59'42	2°11'56	minimum elong	-4573 Aug 01 j 23:55	2° \mathbb{E} 37'12	2°57'47
morning rise	-4574 Aug 23 j 17:45	13° \mathbb{E} 15'36			-4573 Aug 04 j 08:16	30° \mathbb{R} \mathbb{I}	
asc. node	-4574 Aug 24 j 22:16	12° \mathbb{E} 39'34		morning rise	-4573 Aug 07 j 21:37	27° \mathbb{I} 08'02	
direct	-4574 Aug 26 j 23:07	12° \mathbb{E} 15'42		direct	-4573 Aug 10 j 19:58	26° \mathbb{I} 20'33	
morning max el	-4574 Sep 02 j 23:03	16° \mathbb{E} 13'41	19°06'11	asc. node	-4573 Aug 11 j 19:21	26° \mathbb{I} 25'45	
	-4574 Sep 13 j 06:23	0° \mathbb{Q}			-4573 Aug 17 j 11:18	0° \mathbb{E}	
morning set	-4574 Sep 25 j 10:43	19° \mathbb{Q} 00'24		morning max el	-4573 Aug 17 j 10:38	29° \mathbb{I} 58'20	18°25'42
	-4574 Oct 02 j 10:20	0° \mathbb{P}		morning set	-4573 Sep 05 j 22:07	29° \mathbb{E} 07'44	
desc. node	-4574 Oct 06 j 19:11	6° \mathbb{P} 52'27			-4573 Sep 06 j 10:55	0° \mathbb{Q}	
max. Earth dist.	-4574 Oct 10 j 04:45	12° \mathbb{P} 13'56	1.44675 AU	superior conj	-4573 Sep 20 j 21:22	23° \mathbb{Q} 12'39	0°17'31
superior conj	-4574 Oct 11 j 21:45	14° \mathbb{P} 55'55	-0°31'52	minimum elong	-4573 Sep 20 j 23:36	23° \mathbb{Q} 21'32	0°17'22
minimum elong	-4574 Oct 11 j 17:43	14° \mathbb{P} 39'59	0°31'17	max. Earth dist.	-4573 Sep 22 j 23:12	26° \mathbb{Q} 29'35	1.44760 AU
	-4574 Oct 21 j 08:23	0° \mathbb{Q}		desc. node	-4573 Sep 23 j 16:06	27° \mathbb{Q} 36'14	
























































































































Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4573 Sep 25 j 04:35	0°♍				-4572 Sep 17 j 01:05	0°♍	
evening rise	-4573 Oct 07 j 09:22	19°♍09'41				-4572 Oct 07 j 08:09	0°♌	
	-4573 Oct 14 j 07:14	0°♌			evening max el	-4572 Oct 12 j 22:08	6°♌41'46	20°18'48
greatest brilliancy	-4573 Oct 17 j 13:43	5°♌05'01	-0.8m		retrograde	-4572 Oct 20 j 18:36	11°♌18'49	
evening max el	-4573 Oct 30 j 17:58	23°♌15'39	19°21'39		evening set	-4572 Oct 24 j 11:22	9°♌59'30	
retrograde	-4573 Nov 06 j 21:21	27°♌22'44			asc. node	-4572 Oct 24 j 15:18	9°♌52'17	
asc. node	-4573 Nov 07 j 18:10	27°♌18'24			inferior conj	-4572 Oct 29 j 22:25	3°♌54'24	1°44'28
evening set	-4573 Nov 10 j 05:01	26°♌18'32			minimum elong	-4572 Oct 29 j 20:10	4°♌01'58	1°43'36
inferior conj	-4573 Nov 15 j 20:26	20°♌24'42	2°31'41		min. Earth dist.	-4572 Oct 30 j 16:31	2°♌53'35	0.66744 AU
minimum elong	-4573 Nov 15 j 17:27	20°♌34'16	2°30'39			-4572 Nov 01 j 22:52	30°♋♍	
min. Earth dist.	-4573 Nov 17 j 02:40	18°♌47'56	0.65948 AU		morning rise	-4572 Nov 04 j 04:46	27°♍39'18	
morning rise	-4573 Nov 21 j 05:38	14°♌13'14			direct	-4572 Nov 09 j 20:11	25°♍11'53	
direct	-4573 Nov 27 j 11:46	11°♌29'56				-4572 Nov 19 j 05:06	0°♌	
morning max el	-4573 Dec 10 j 00:18	18°♌50'54	26°06'53		morning max el	-4572 Nov 21 j 09:12	2°♌03'58	24°49'36
	-4573 Dec 19 j 12:50	0°♍			desc. node	-4572 Dec 06 j 13:06	21°♌00'23	
desc. node	-4573 Dec 20 j 16:09	1°♍30'31				-4572 Dec 12 j 15:41	0°♍	
	-4572 Jan 08 j 07:13	0°♎			morning set	-4572 Dec 27 j 11:06	24°♍18'27	
morning set	-4572 Jan 15 j 04:42	12°♎18'15				-4572 Dec 30 j 15:07	0°♎	
max. Earth dist.	-4572 Jan 19 j 05:03	19°♎55'54	1.35552 AU		max. Earth dist.	-4572 Dec 31 j 04:54	1°♎03'05	1.37335 AU
superior conj	-4572 Jan 24 j 05:34	29°♎55'17	-1°30'44		superior conj	-4571 Jan 06 j 16:53	13°♎22'24	-1°45'45
minimum elong	-4572 Jan 24 j 08:36	0°♏10'47	1°30'37		minimum elong	-4571 Jan 06 j 19:19	13°♎34'14	1°45'49
	-4572 Jan 24 j 06:29	0°♏			evening rise	-4571 Jan 15 j 02:27	0°♏05'53	
evening rise	-4572 Feb 01 j 00:25	15°♏57'09				-4571 Jan 15 j 01:17	0°♏	
asc. node	-4572 Feb 03 j 17:10	21°♏24'07			asc. node	-4571 Jan 20 j 14:13	10°♏44'55	
	-4572 Feb 08 j 06:02	0°♐			evening max el	-4571 Feb 01 j 03:44	27°♏36'14	19°20'46
evening max el	-4572 Feb 19 j 12:03	15°♐41'54	20°24'29			-4571 Feb 04 j 03:56	0°♐	
retrograde	-4572 Mar 01 j 04:24	20°♐46'05			retrograde	-4571 Feb 10 j 05:20	1°♐55'02	
evening set	-4572 Mar 03 j 12:41	20°♐32'26			evening set	-4571 Feb 12 j 14:11	1°♐38'40	
inferior conj	-4572 Mar 12 j 10:49	16°♐33'52	1°24'08			-4571 Feb 16 j 18:45	30°♋♏	
minimum elong	-4572 Mar 12 j 14:22	16°♐28'38	1°22'48		inferior conj	-4571 Feb 20 j 20:06	27°♏29'57	2°54'07
min. Earth dist.	-4572 Mar 14 j 01:41	15°♐36'40	0.55496 AU		minimum elong	-4571 Feb 21 j 01:10	27°♏21'30	2°52'41
desc. node	-4572 Mar 17 j 15:18	13°♐41'06			min. Earth dist.	-4571 Feb 23 j 16:31	25°♏36'46	0.56637 AU
morning rise	-4572 Mar 21 j 14:31	12°♐12'13			morning rise	-4571 Mar 01 j 09:31	22°♏38'25	
direct	-4572 Mar 25 j 03:48	11°♐44'41			desc. node	-4571 Mar 04 j 12:25	21°♏52'33	
morning max el	-4572 Apr 07 j 15:44	18°♐22'21	23°20'11		direct	-4571 Mar 06 j 03:51	21°♏46'15	
	-4572 Apr 17 j 03:21	0°♑			morning max el	-4571 Mar 20 j 06:53	28°♏58'09	24°58'05
morning set	-4572 Apr 30 j 22:55	25°♑12'36				-4571 Mar 21 j 07:55	0°♑	
asc. node	-4572 May 01 j 16:50	26°♑46'36				-4571 Apr 10 j 09:27	0°♑	
	-4572 May 03 j 05:19	0°♒			morning set	-4571 Apr 15 j 11:12	10°♑15'38	
					asc. node	-4571 Apr 18 j 13:49	16°♑53'27	
superior conj	-4572 May 08 j 02:02	10°♒25'22	1°01'42		superior conj	-4571 Apr 22 j 11:34	25°♑22'11	0°39'33
minimum elong	-4572 May 07 j 23:39	10°♒12'36	1°01'18		minimum elong	-4571 Apr 22 j 09:54	25°♑13'09	0°39'11
max. Earth dist.	-4572 May 10 j 09:24	15°♒19'13	1.33793 AU		max. Earth dist.	-4571 Apr 23 j 17:21	28°♑03'31	1.33053 AU
evening rise	-4572 May 15 j 16:51	26°♒13'00				-4571 Apr 24 j 14:58	0°♒	
	-4572 May 17 j 15:05	0°♓			evening rise	-4571 Apr 29 j 17:34	10°♒44'04	
	-4572 Jun 04 j 07:34	0°♓				-4571 May 09 j 21:54	0°♓	
desc. node	-4572 Jun 13 j 13:47	12°♓10'57			desc. node	-4571 May 31 j 10:54	29°♓49'09	
evening max el	-4572 Jun 18 j 14:29	17°♓33'16	27°22'33			-4571 May 31 j 15:21	0°♓	
retrograde	-4572 Jul 02 j 04:18	24°♓58'08			evening max el	-4571 May 31 j 22:44	0°♓17'51	27°19'54
evening set	-4572 Jul 09 j 07:06	22°♓14'18			retrograde	-4571 Jun 14 j 19:39	7°♓42'25	
min. Earth dist.	-4572 Jul 12 j 22:35	18°♓53'37	0.64060 AU		evening set	-4571 Jun 21 j 21:32	5°♓17'00	
inferior conj	-4572 Jul 15 j 09:20	16°♓17'18	-3°37'46		min. Earth dist.	-4571 Jun 25 j 11:47	2°♓22'42	0.62317 AU
minimum elong	-4572 Jul 15 j 12:52	16°♓07'52	3°36'49		inferior conj	-4571 Jun 28 j 11:42	29°♓32'13	-4°05'15
morning rise	-4572 Jul 21 j 19:21	10°♓54'32			minimum elong	-4571 Jun 28 j 14:08	29°♓26'24	4°04'47
direct	-4572 Jul 24 j 12:48	10°♓16'44				-4571 Jun 28 j 00:05	30°♋♓	
asc. node	-4572 Jul 28 j 16:24	11°♓43'30			morning rise	-4571 Jul 05 j 08:02	24°♓28'49	
morning max el	-4572 Jul 31 j 01:02	13°♓43'05	18°02'24		direct	-4571 Jul 07 j 22:23	23°♓58'30	
	-4572 Aug 11 j 08:14	0°♔			morning max el	-4571 Jul 14 j 15:38	27°♓22'44	17°57'16
morning set	-4572 Aug 17 j 11:57	10°♔30'04			asc. node	-4571 Jul 15 j 13:28	28°♓19'11	
	-4572 Aug 29 j 02:24	0°♕				-4571 Jul 17 j 00:00	0°♓	
					morning set	-4571 Jul 30 j 23:40	22°♓55'30	
superior conj	-4572 Aug 30 j 11:03	2°♕13'27	1°01'00			-4571 Aug 03 j 22:33	0°♔	
minimum elong	-4572 Aug 30 j 16:51	2°♕37'03	1°00'32					
max. Earth dist.	-4572 Sep 04 j 16:00	10°♕36'59	1.44124 AU		superior conj	-4571 Aug 11 j 03:26	12°♔34'05	1°30'46
desc. node	-4572 Sep 09 j 13:01	18°♕19'56			minimum elong	-4571 Aug 11 j 08:21	12°♔55'01	1°30'34
evening rise	-4572 Sep 15 j 18:38	28°♕02'28						

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

max. Earth dist.	-4571 Aug 18 j 04:21	24° \mathfrak{G} 18'59	1.42867 AU	max. Earth dist.	-4570 Jul 31 j 11:06	7° \mathfrak{G} 22'26	1.41157 AU
	-4571 Aug 21 j 16:45	0° \mathfrak{Q}		evening rise	-4570 Aug 05 j 18:19	16° \mathfrak{G} 09'36	
evening rise	-4571 Aug 25 j 22:57	6° \mathfrak{Q} 44'16		desc. node	-4570 Aug 14 j 06:58	29° \mathfrak{G} 35'06	
desc. node	-4571 Aug 27 j 09:59	9° \mathfrak{Q} 00'52			-4570 Aug 14 j 13:30	0° \mathfrak{Q}	
	-4571 Sep 10 j 08:53	0° \mathfrak{M}			-4570 Sep 05 j 06:14	0° \mathfrak{M}	
evening max el	-4571 Sep 25 j 20:11	20° \mathfrak{M} 07'04	21°28'32	evening max el	-4570 Sep 08 j 12:23	3° \mathfrak{M} 32'23	22°46'45
retrograde	-4571 Oct 04 j 15:11	25° \mathfrak{M} 20'01		retrograde	-4570 Sep 18 j 09:28	9° \mathfrak{M} 23'50	
evening set	-4571 Oct 08 j 19:18	23° \mathfrak{M} 43'05		evening set	-4570 Sep 23 j 02:59	7° \mathfrak{M} 27'26	
asc. node	-4571 Oct 11 j 12:26	20° \mathfrak{M} 58'30		inferior conj	-4570 Sep 28 j 10:11	1° \mathfrak{M} 10'17	0°00'30
inferior conj	-4571 Oct 14 j 03:37	17° \mathfrak{M} 30'15	0°53'27	minimum elong	-4570 Sep 28 j 10:10	1° \mathfrak{M} 10'21	0°00'36
minimum elong	-4571 Oct 14 j 02:24	17° \mathfrak{M} 34'26	0°53'01	transit middle	-4570 Sep 28 j 10:10	1° \mathfrak{M} 10'21	0°00'36
min. Earth dist.	-4571 Oct 14 j 10:53	17° \mathfrak{M} 05'17	0.67224 AU	transit begin	-4570 Sep 28 j 07:28	1° \mathfrak{M} 19'39	
morning rise	-4571 Oct 19 j 09:21	11° \mathfrak{M} 14'25		transit end	-4570 Sep 28 j 12:52	1° \mathfrak{M} 01'03	
direct	-4571 Oct 24 j 09:36	9° \mathfrak{M} 07'09		asc. node	-4570 Sep 28 j 09:35	1° \mathfrak{M} 12'20	
morning max el	-4571 Nov 03 j 18:37	15° \mathfrak{M} 19'16	23°23'59	min. Earth dist.	-4570 Sep 28 j 07:11	1° \mathfrak{M} 20'37	0.67403 AU
	-4571 Nov 15 j 18:06	0° \mathfrak{L}			-4570 Sep 29 j 06:39	30° \mathfrak{R} \mathfrak{Q}	
desc. node	-4571 Nov 23 j 10:01	10° \mathfrak{L} 57'00		morning rise	-4570 Oct 03 j 17:12	24° \mathfrak{Q} 56'50	
	-4571 Dec 05 j 15:36	0° \mathfrak{M}		direct	-4570 Oct 08 j 03:06	23° \mathfrak{Q} 10'52	
morning set	-4571 Dec 08 j 16:36	5° \mathfrak{M} 02'19		morning max el	-4570 Oct 17 j 07:36	28° \mathfrak{Q} 38'33	21°59'06
max. Earth dist.	-4571 Dec 13 j 00:30	12° \mathfrak{M} 26'21	1.39370 AU		-4570 Oct 18 j 14:29	0° \mathfrak{M}	
					-4570 Nov 09 j 11:50	0° \mathfrak{L}	
superior conj	-4571 Dec 20 j 14:07	26° \mathfrak{M} 03'49	-1°53'17	desc. node	-4570 Nov 10 j 06:57	1° \mathfrak{L} 12'35	
minimum elong	-4571 Dec 20 j 14:41	26° \mathfrak{M} 06'30	1°53'28	morning set	-4570 Nov 18 j 17:31	14° \mathfrak{L} 23'08	
	-4571 Dec 22 j 16:32	0° \mathfrak{J}		max. Earth dist.	-4570 Nov 24 j 23:57	24° \mathfrak{L} 37'26	1.41392 AU
evening rise	-4571 Dec 29 j 20:43	13° \mathfrak{J} 46'15			-4570 Nov 28 j 04:26	0° \mathfrak{M}	
asc. node	-4570 Jan 07 j 11:17	29° \mathfrak{J} 37'18					
	-4570 Jan 07 j 16:45	0° \mathfrak{Z}		superior conj	-4570 Dec 02 j 15:58	7° \mathfrak{M} 46'06	-1°50'01
evening max el	-4570 Jan 15 j 04:49	10° \mathfrak{Z} 04'01	18°36'47	minimum elong	-4570 Dec 02 j 13:23	7° \mathfrak{M} 34'41	1°50'02
retrograde	-4570 Jan 22 j 23:54	13° \mathfrak{Z} 51'20		evening rise	-4570 Dec 13 j 04:00	26° \mathfrak{M} 51'03	
evening set	-4570 Jan 25 j 11:45	13° \mathfrak{Z} 29'29			-4570 Dec 14 j 20:51	0° \mathfrak{J}	
inferior conj	-4570 Feb 02 j 01:01	9° \mathfrak{Z} 02'09	3°46'26	asc. node	-4570 Dec 25 j 08:23	17° \mathfrak{J} 52'12	
minimum elong	-4570 Feb 02 j 04:09	8° \mathfrak{Z} 56'06	3°45'49	evening max el	-4570 Dec 29 j 12:42	22° \mathfrak{J} 57'22	18°12'53
min. Earth dist.	-4570 Feb 05 j 09:39	6° \mathfrak{Z} 27'39	0.58379 AU	retrograde	-4569 Jan 05 j 12:24	26° \mathfrak{J} 28'45	
morning rise	-4570 Feb 09 j 18:11	3° \mathfrak{Z} 44'14		evening set	-4569 Jan 08 j 03:05	26° \mathfrak{J} 00'05	
direct	-4570 Feb 15 j 17:23	2° \mathfrak{Z} 14'56		inferior conj	-4569 Jan 15 j 01:55	21° \mathfrak{J} 10'54	4°04'30
desc. node	-4570 Feb 19 j 09:32	2° \mathfrak{Z} 48'11		minimum elong	-4569 Jan 15 j 02:09	21° \mathfrak{J} 10'23	4°04'16
morning max el	-4570 Mar 01 j 23:23	9° \mathfrak{Z} 44'39	26°22'21	min. Earth dist.	-4569 Jan 18 j 07:51	18° \mathfrak{J} 17'50	0.60369 AU
	-4570 Mar 17 j 10:08	0° \mathfrak{A}		morning rise	-4569 Jan 21 j 23:41	15° \mathfrak{J} 33'56	
morning set	-4570 Mar 30 j 22:34	25° \mathfrak{A} 15'43		direct	-4569 Jan 28 j 18:06	13° \mathfrak{J} 26'32	
	-4570 Apr 02 j 04:12	0° \mathfrak{H}		desc. node	-4569 Feb 06 j 06:37	16° \mathfrak{J} 26'07	
asc. node	-4570 Apr 05 j 10:47	7° \mathfrak{H} 05'53		morning max el	-4569 Feb 11 j 21:28	21° \mathfrak{J} 04'24	27°19'30
					-4569 Feb 19 j 16:25	0° \mathfrak{Z}	
superior conj	-4570 Apr 06 j 23:00	10° \mathfrak{H} 23'52	0°15'39		-4569 Mar 10 j 05:48	0° \mathfrak{A}	
minimum elong	-4570 Apr 06 j 22:19	10° \mathfrak{H} 20'08	0°15'25	morning set	-4569 Mar 15 j 07:15	10° \mathfrak{A} 06'31	
behind sun begin	-4570 Apr 06 j 21:17	10° \mathfrak{H} 14'33					
behind sun end	-4570 Apr 06 j 23:20	10° \mathfrak{H} 25'42		superior conj	-4569 Mar 22 j 10:40	25° \mathfrak{A} 24'33	-0°09'10
max. Earth dist.	-4570 Apr 07 j 05:49	11° \mathfrak{H} 01'12	1.32663 AU	minimum elong	-4569 Mar 22 j 11:05	25° \mathfrak{A} 26'49	0°09'12
evening rise	-4570 Apr 14 j 00:03	25° \mathfrak{H} 31'54		behind sun begin	-4569 Mar 22 j 06:58	25° \mathfrak{A} 04'21	
	-4570 Apr 16 j 04:24	0° \mathfrak{Y}		behind sun end	-4569 Mar 22 j 15:12	25° \mathfrak{A} 49'17	
	-4570 May 03 j 15:58	0° \mathfrak{B}		max. Earth dist.	-4569 Mar 21 j 19:14	24° \mathfrak{A} 00'16	1.32614 AU
evening max el	-4570 May 14 j 02:09	12° \mathfrak{B} 24'23	26°44'24	asc. node	-4569 Mar 23 j 07:47	27° \mathfrak{A} 19'58	
desc. node	-4570 May 18 j 08:05	15° \mathfrak{B} 59'14			-4569 Mar 24 j 13:04	0° \mathfrak{H}	
retrograde	-4570 May 28 j 03:26	19° \mathfrak{B} 45'17		evening rise	-4569 Mar 29 j 10:03	10° \mathfrak{H} 28'38	
evening set	-4570 Jun 03 j 17:37	17° \mathfrak{B} 51'48			-4569 Apr 08 j 12:40	0° \mathfrak{Y}	
min. Earth dist.	-4570 Jun 07 j 15:40	15° \mathfrak{B} 09'16	0.60328 AU	evening max el	-4569 Apr 25 j 23:26	23° \mathfrak{Y} 49'20	25°38'38
inferior conj	-4570 Jun 10 j 23:52	12° \mathfrak{B} 22'57	-4°15'16		-4569 May 04 j 21:51	0° \mathfrak{B}	
minimum elong	-4570 Jun 10 j 23:52	12° \mathfrak{B} 22'57	4°15'08	desc. node	-4569 May 05 j 05:15	0° \mathfrak{B} 07'08	
morning rise	-4570 Jun 18 j 08:10	7° \mathfrak{B} 40'40		retrograde	-4569 May 10 j 01:32	1° \mathfrak{B} 02'32	
direct	-4570 Jun 20 j 20:51	7° \mathfrak{B} 16'09			-4569 May 15 j 04:19	30° \mathfrak{R} \mathfrak{Y}	
morning max el	-4570 Jun 28 j 03:29	10° \mathfrak{B} 48'39	18°11'14	evening set	-4569 May 15 j 16:19	29° \mathfrak{Y} 47'27	
asc. node	-4570 Jul 02 j 10:31	15° \mathfrak{B} 56'11		min. Earth dist.	-4569 May 20 j 11:56	27° \mathfrak{Y} 00'22	0.58314 AU
	-4570 Jul 10 j 20:28	0° \mathfrak{I}		inferior conj	-4569 May 23 j 18:14	24° \mathfrak{Y} 40'02	-3°58'59
morning set	-4570 Jul 14 j 03:51	6° \mathfrak{I} 09'31		minimum elong	-4569 May 23 j 14:52	24° \mathfrak{Y} 46'08	3°58'30
				morning rise	-4569 May 31 j 16:10	20° \mathfrak{Y} 18'53	
superior conj	-4570 Jul 23 j 22:16	24° \mathfrak{I} 13'27	1°46'00	direct	-4569 Jun 03 j 03:53	19° \mathfrak{Y} 59'05	
minimum elong	-4570 Jul 24 j 00:25	24° \mathfrak{I} 23'10	1°46'09	morning max el	-4569 Jun 11 j 09:44	23° \mathfrak{Y} 52'23	18°45'10
	-4570 Jul 27 j 04:20	0° \mathfrak{G}			-4569 Jun 16 j 12:14	0° \mathfrak{B}	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4569 Jun 19 j 07:32	4°  20'40			-4568 Jun 08 j 16:16	0° 	
morning set	-4569 Jun 27 j 20:02	20°  00'46		morning set	-4568 Jun 10 j 20:43	4°  20'20	
	-4569 Jul 02 j 23:04	0° 					
superior conj	-4569 Jul 06 j 14:20	6°  57'39	1°49'11	superior conj	-4568 Jun 18 j 22:05	20°  31'15	1°43'15
minimum elong	-4569 Jul 06 j 13:59	6°  55'58	1°49'24	minimum elong	-4568 Jun 18 j 20:08	20°  31'35	1°43'18
max. Earth dist.	-4569 Jul 13 j 13:38	19°  44'19	1.39226 AU	max. Earth dist.	-4568 Jun 23 j 19:45	0° 	
evening rise	-4569 Jul 17 j 15:15	26°  48'47		evening rise	-4568 Jun 24 j 16:09	1°  35'53	1.37327 AU
	-4569 Jul 19 j 12:31	0° 			-4568 Jun 28 j 13:25	8°  43'05	
desc. node	-4569 Aug 01 j 04:00	19°  58'18		desc. node	-4568 Jul 11 j 07:04	0° 	
	-4569 Aug 08 j 03:32	0° 			-4568 Jul 18 j 01:04	10°  04'50	
evening max el	-4569 Aug 22 j 00:32	16°  59'26	24°07'36	evening max el	-4568 Aug 02 j 23:22	0° 	
retrograde	-4569 Sep 02 j 00:19	23°  27'15		retrograde	-4568 Aug 03 j 11:03	0°  29'05	25°23'50
evening set	-4569 Sep 07 j 08:39	21°  21'02		evening set	-4568 Aug 15 j 11:04	7°  26'15	
min. Earth dist.	-4569 Sep 12 j 02:56	15°  28'08	0.67284 AU		-4568 Aug 21 j 10:25	4°  52'29	
inferior conj	-4569 Sep 12 j 16:20	14°  25'47	-0°52'45	min. Earth dist.	-4568 Aug 25 j 18:36	30°  R 	
minimum elong	-4569 Sep 12 j 17:33	14°  28'39	0°52'05	inferior conj	-4568 Aug 25 j 19:47	29°  56'11	0.66843 AU
asc. node	-4569 Sep 15 j 06:44	11°  23'04		minimum elong	-4568 Aug 26 j 20:21	28°  36'16	-1°44'39
morning rise	-4569 Sep 18 j 02:25	8°  24'50		morning rise	-4568 Aug 26 j 22:43	28°  28'33	1°43'32
direct	-4569 Sep 21 j 23:32	7°  19'01		asc. node	-4568 Sep 01 j 11:06	22°  36'55	
morning max el	-4569 Sep 30 j 03:03	12°  05'40	20°41'53	direct	-4568 Sep 01 j 03:50	22°  49'28	
	-4569 Oct 13 j 19:27	0° 		morning max el	-4568 Sep 04 j 21:31	21°  28'35	
desc. node	-4569 Oct 28 j 03:50	21°  14'02			-4568 Sep 12 j 05:47	25°  41'58	19°36'59
morning set	-4569 Oct 28 j 20:10	22°  44'28			-4568 Sep 15 j 22:46	0° 	
	-4569 Nov 02 j 11:14	0° 		morning set	-4568 Oct 06 j 03:31	0° 	
max. Earth dist.	-4569 Nov 07 j 07:03	7°  43'07	1.43113 AU	desc. node	-4568 Oct 06 j 20:56	1°  07'42	
				max. Earth dist.	-4568 Oct 14 j 00:45	12°  18'27	
superior conj	-4569 Nov 13 j 16:41	18°  14'26	-1°32'14		-4568 Oct 19 j 20:35	21°  19'45	1.44294 AU
minimum elong	-4569 Nov 13 j 10:43	17°  49'30	1°31'47	superior conj	-4568 Oct 23 j 13:53	27°  12'52	-0°57'57
	-4569 Nov 20 j 14:24	0° 		minimum elong	-4568 Oct 23 j 07:33	27°  00'31	0°57'12
evening rise	-4569 Nov 25 j 20:16	9°  11'10			-4568 Oct 25 j 04:14	0° 	
	-4569 Dec 08 j 03:57	0° 		evening rise	-4568 Nov 06 j 16:55	20°  37'44	
asc. node	-4569 Dec 12 j 05:30	5°  17'14			-4568 Nov 12 j 06:54	0° 	
evening max el	-4569 Dec 13 j 00:23	6°  06'54	18°08'36	evening max el	-4568 Nov 25 j 13:05	19°  26'41	18°23'10
retrograde	-4569 Dec 19 j 14:56	9°  35'37		asc. node	-4568 Nov 28 j 02:36	21°  38'44	
evening set	-4569 Dec 22 j 08:31	8°  25'14		retrograde	-4568 Dec 02 j 03:04	23°  03'24	
inferior conj	-4569 Dec 28 j 19:39	3°  48'45	3°57'13	evening set	-4568 Dec 05 j 00:36	22°  18'01	
minimum elong	-4569 Dec 28 j 17:42	3°  53'43	3°56'49	inferior conj	-4568 Dec 11 j 02:29	16°  48'29	3°32'34
min. Earth dist.	-4569 Dec 31 j 14:17	0°  59'44	0.62300 AU	minimum elong	-4568 Dec 10 j 23:27	16°  57'05	3°31'48
	-4568 Jan 01 j 15:20	30°  R 		min. Earth dist.	-4568 Dec 13 j 06:48	14°  20'23	0.63985 AU
morning rise	-4568 Jan 04 j 01:59	27°  15'55		morning rise	-4568 Dec 16 j 21:46	10°  14'23	
direct	-4568 Jan 11 j 03:38	25°  22'11		direct	-4568 Dec 23 j 20:47	7°  57'44	
	-4568 Jan 21 j 15:25	0° 		morning max el	-4567 Jan 06 j 10:16	15°  39'56	27°28'19
desc. node	-4568 Jan 24 j 03:40	2°  11'29		desc. node	-4567 Jan 10 j 00:42	19°  29'47	
morning max el	-4568 Jan 25 j 01:48	3°  04'32	27°41'49		-4567 Jan 18 j 07:09	0° 	
	-4568 Feb 14 j 02:03	0° 			-4567 Feb 05 j 17:41	0° 	
morning set	-4568 Feb 27 j 11:08	24°  39'46		morning set	-4567 Feb 10 j 07:34	8°  46'37	
	-4568 Mar 01 j 01:14	0° 		max. Earth dist.	-4567 Feb 15 j 08:56	19°  03'36	1.33590 AU
max. Earth dist.	-4568 Mar 04 j 05:38	6°  45'38	1.32910 AU				
superior conj	-4568 Mar 05 j 20:52	10°  17'24	-0°34'00	superior conj	-4567 Feb 18 j 03:50	24°  56'21	-0°57'56
minimum elong	-4568 Mar 05 j 22:23	10°  25'32	0°33'52	minimum elong	-4567 Feb 18 j 06:16	25°  09'17	0°57'43
asc. node	-4568 Mar 09 j 04:47	17°  30'57			-4567 Feb 20 j 12:39	0° 	
evening rise	-4568 Mar 12 j 21:33	25°  26'12		asc. node	-4567 Feb 24 j 01:46	7°  34'36	
	-4568 Mar 15 j 02:18	0° 		evening rise	-4567 Feb 25 j 08:49	10°  18'16	
	-4568 Apr 02 j 07:38	0° 			-4567 Mar 07 j 16:25	0° 	
evening max el	-4568 Apr 06 j 15:56	4°  04'31	24°11'52	evening max el	-4567 Mar 19 j 08:54	15°  25'09	22°37'44
retrograde	-4568 Apr 20 j 11:57	11°  38'07		retrograde	-4567 Apr 01 j 10:15	21°  48'09	
desc. node	-4568 Apr 21 j 02:25	11°  37'17		evening set	-4567 Apr 04 j 13:02	21°  42'49	
evening set	-4568 Apr 24 j 19:32	10°  56'31		desc. node	-4567 Apr 07 j 23:34	20°  48'30	
min. Earth dist.	-4568 May 01 j 03:42	7°  51'02	0.56576 AU	min. Earth dist.	-4567 Apr 12 j 18:07	17°  50'52	0.55456 AU
inferior conj	-4568 May 03 j 16:30	6°  15'54	-3°06'40	inferior conj	-4567 Apr 13 j 20:47	17°  42'40	-1°35'19
minimum elong	-4568 May 03 j 10:48	6° 24'52	3°05'17	minimum elong	-4567 Apr 13 j 16:39	17° 48'36	1°34'03
morning rise	-4568 May 12 j 05:09	2° 12'10		morning rise	-4567 Apr 22 j 22:14	13° 51'11	
direct	-4568 May 14 j 16:08	1° 56'03		direct	-4567 Apr 25 j 11:14	13° 40'10	
morning max el	-4568 May 24 j 07:40	6° 24'56	19°39'32	morning max el	-4567 May 06 j 19:15	18° 48'29	20°53'30
asc. node	-4568 Jun 05 j 04:32	23° 09'21			-4567 May 15 j 22:50	0°	
				asc. node	-4567 May 23 j 01:31	12° 09'20	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning set	-4567 May 26 j 03:13	19° Υ 00'22		morning max el	-4566 Apr 18 j 20:10	29° \approx 31'37	22°23'40
	-4567 May 31 j 10:33	0° \mathcal{B}			-4566 Apr 19 j 08:01	0° \mathcal{H}	
					-4566 May 08 j 15:46	0° Υ	
superior conj	-4567 Jun 02 j 16:56	4° \mathcal{B} 40'30	1°30'40	asc. node	-4566 May 09 j 22:29	2° Υ 37'24	
minimum elong	-4567 Jun 02 j 14:17	4° \mathcal{B} 26'54	1°30'29	morning set	-4566 May 10 j 13:27	3° Υ 54'54	
max. Earth dist.	-4567 Jun 07 j 00:35	13° \mathcal{B} 22'19	1.35675 AU				
evening rise	-4567 Jun 11 j 07:52	21° \mathcal{B} 39'37		superior conj	-4566 May 17 j 19:30	19° Υ 15'19	1°13'18
	-4567 Jun 15 j 21:32	0° Π		minimum elong	-4566 May 17 j 16:51	19° Υ 01'24	1°12'57
desc. node	-4567 Jul 04 j 22:09	29° Π 46'41		max. Earth dist.	-4566 May 20 j 19:03	25° Υ 29'00	1.34377 AU
	-4567 Jul 05 j 02:05	0° \mathcal{E}			-4566 May 23 j 00:10	0° \mathcal{B}	
evening max el	-4567 Jul 16 j 21:50	13° \mathcal{E} 58'22	26°27'23	evening rise	-4566 May 25 j 17:27	5° \mathcal{B} 23'57	
retrograde	-4567 Jul 29 j 17:06	21° \mathcal{E} 14'09			-4566 Jun 08 j 14:06	0° Π	
evening set	-4567 Aug 05 j 06:06	18° \mathcal{E} 28'41		desc. node	-4566 Jun 21 j 19:14	18° Π 53'25	
min. Earth dist.	-4567 Aug 09 j 07:22	14° \mathcal{E} 10'39	0.66054 AU	evening max el	-4566 Jun 29 j 09:13	27° Π 20'35	27°10'09
inferior conj	-4567 Aug 10 j 20:19	12° \mathcal{E} 17'31	-2°33'23		-4566 Jul 02 j 08:33	0° \mathcal{E}	
minimum elong	-4567 Aug 10 j 23:35	12° \mathcal{E} 07'31	2°32'04	retrograde	-4566 Jul 12 j 17:52	4° \mathcal{E} 44'06	
morning rise	-4567 Aug 16 j 17:19	6° \mathcal{E} 29'47		evening set	-4566 Jul 19 j 17:06	1° \mathcal{E} 56'25	
asc. node	-4567 Aug 19 j 00:55	5° \mathcal{E} 39'03			-4566 Jul 21 j 20:14	30° \mathcal{R} Π	
direct	-4567 Aug 19 j 19:18	5° \mathcal{E} 35'44		min. Earth dist.	-4566 Jul 23 j 11:34	28° Π 15'47	0.64897 AU
morning max el	-4567 Aug 26 j 14:40	9° \mathcal{E} 24'23	18°46'59	inferior conj	-4566 Jul 25 j 14:04	25° Π 53'20	-3°16'37
	-4567 Sep 10 j 03:08	0° Ω		minimum elong	-4566 Jul 25 j 17:44	25° Π 42'59	3°15'26
morning set	-4567 Sep 16 j 16:41	10° Ω 29'00		morning rise	-4566 Jul 31 j 18:52	20° Π 20'18	
	-4567 Sep 28 j 23:49	0° \mathcal{M}		direct	-4566 Aug 03 j 14:48	19° Π 37'19	
desc. node	-4567 Sep 30 j 21:40	3° \mathcal{M} 00'45		asc. node	-4566 Aug 05 j 22:00	20° Π 05'27	
				morning max el	-4566 Aug 10 j 03:43	23° Π 09'34	18°13'33
superior conj	-4567 Oct 02 j 15:36	5° \mathcal{M} 45'59	-0°11'02		-4566 Aug 15 j 13:54	0° \mathcal{E}	
minimum elong	-4567 Oct 02 j 14:09	5° \mathcal{M} 40'18	0°10'44	morning set	-4566 Aug 28 j 15:38	21° \mathcal{E} 09'01	
behind sun begin	-4567 Oct 02 j 05:26	5° \mathcal{M} 05'57			-4566 Sep 02 j 23:50	0° Ω	
behind sun end	-4567 Oct 02 j 22:52	6° \mathcal{M} 14'40					
max. Earth dist.	-4567 Oct 02 j 13:30	5° \mathcal{M} 37'42	1.44795 AU	superior conj	-4566 Sep 11 j 18:40	14° Ω 14'19	0°37'20
	-4567 Oct 17 j 22:17	0° \mathcal{L}		minimum elong	-4566 Sep 11 j 23:01	14° Ω 31'42	0°36'57
evening rise	-4567 Oct 18 j 13:28	1° \mathcal{L} 00'48		max. Earth dist.	-4566 Sep 15 j 07:08	19° Ω 50'13	1.44572 AU
	-4567 Nov 06 j 12:18	0° \mathcal{M}		desc. node	-4566 Sep 17 j 18:35	23° Ω 44'54	
evening max el	-4567 Nov 09 j 00:14	2° \mathcal{M} 51'50	18°55'36		-4566 Sep 21 j 18:10	0° \mathcal{M}	
asc. node	-4567 Nov 14 j 23:42	6° \mathcal{M} 41'09		evening rise	-4566 Sep 28 j 09:24	10° \mathcal{M} 20'40	
retrograde	-4567 Nov 15 j 20:54	6° \mathcal{M} 45'33		greatest brilliancy	-4566 Oct 10 j 17:41	29° \mathcal{M} 21'19	-0.7m
evening set	-4567 Nov 19 j 00:13	5° \mathcal{M} 49'03			-4566 Oct 11 j 03:57	0° \mathcal{L}	
inferior conj	-4567 Nov 24 j 18:57	0° \mathcal{M} 03'25	2°56'18	evening max el	-4566 Oct 23 j 07:35	16° \mathcal{L} 18'47	19°44'21
minimum elong	-4567 Nov 24 j 15:45	0° \mathcal{M} 13'17	2°55'17	retrograde	-4566 Oct 30 j 17:30	20° \mathcal{L} 37'33	
	-4567 Nov 24 j 20:03	30° \mathcal{R} \mathcal{L}		asc. node	-4566 Nov 01 j 20:50	20° \mathcal{L} 10'59	
min. Earth dist.	-4567 Nov 26 j 08:59	28° \mathcal{L} 06'13	0.65333 AU	evening set	-4566 Nov 03 j 04:45	19° \mathcal{L} 27'20	
morning rise	-4567 Nov 30 j 06:55	23° \mathcal{L} 54'55		inferior conj	-4566 Nov 08 j 18:08	13° \mathcal{L} 28'36	2°12'16
direct	-4567 Dec 06 j 20:31	21° \mathcal{L} 05'41		minimum elong	-4566 Nov 08 j 15:24	13° \mathcal{L} 37'31	2°11'16
morning max el	-4567 Dec 19 j 19:59	28° \mathcal{L} 38'25	26°43'38	min. Earth dist.	-4566 Nov 09 j 19:06	12° \mathcal{L} 06'50	0.66328 AU
	-4567 Dec 21 j 03:50	0° \mathcal{M}		morning rise	-4566 Nov 14 j 01:49	7° \mathcal{L} 15'20	
desc. node	-4567 Dec 27 j 21:41	7° \mathcal{M} 53'50		direct	-4566 Nov 20 j 02:02	4° \mathcal{L} 37'43	
	-4566 Jan 12 j 01:46	0° \mathcal{X}		morning max el	-4566 Dec 02 j 05:03	11° \mathcal{L} 47'55	25°35'36
morning set	-4566 Jan 24 j 17:07	22° \mathcal{X} 16'10		desc. node	-4566 Dec 14 j 18:38	27° \mathcal{L} 03'56	
	-4566 Jan 28 j 16:20	0° \mathcal{Z}			-4566 Dec 16 j 21:01	0° \mathcal{M}	
max. Earth dist.	-4566 Jan 29 j 01:37	0° \mathcal{Z} 46'17	1.34701 AU		-4565 Jan 04 j 17:34	0° \mathcal{X}	
				morning set	-4565 Jan 07 j 11:03	4° \mathcal{X} 53'36	
superior conj	-4566 Feb 02 j 05:27	9° \mathcal{Z} 14'53	-1°19'44	max. Earth dist.	-4565 Jan 11 j 06:37	11° \mathcal{X} 59'07	1.36265 AU
minimum elong	-4566 Feb 02 j 08:26	9° \mathcal{Z} 30'24	1°19'33				
evening rise	-4566 Feb 09 j 18:06	24° \mathcal{Z} 58'58		superior conj	-4565 Jan 16 j 23:00	23° \mathcal{X} 04'00	-1°37'50
asc. node	-4566 Feb 10 j 22:46	27° \mathcal{Z} 26'28		minimum elong	-4565 Jan 17 j 01:54	23° \mathcal{X} 18'33	1°37'48
	-4566 Feb 12 j 05:04	0° \approx			-4565 Jan 20 j 09:21	0° \mathcal{Z}	
evening max el	-4566 Mar 01 j 08:41	26° \approx 27'32	21°09'18	evening rise	-4565 Jan 24 j 23:26	9° \mathcal{Z} 21'28	
	-4566 Mar 05 j 23:45	0° \mathcal{H}		asc. node	-4565 Jan 28 j 19:48	17° \mathcal{Z} 00'38	
retrograde	-4566 Mar 13 j 00:21	2° \mathcal{H} 01'10			-4565 Feb 05 j 06:28	0° \approx	
evening set	-4566 Mar 15 j 11:21	1° \mathcal{H} 47'12		evening max el	-4565 Feb 11 j 18:30	8° \approx 02'14	19°55'06
	-4566 Mar 20 j 14:38	30° \mathcal{R} \approx		retrograde	-4565 Feb 21 j 17:27	12° \approx 45'06	
inferior conj	-4566 Mar 24 j 16:27	27° \approx 48'27	0°19'30	evening set	-4565 Feb 24 j 01:33	12° \approx 30'42	
minimum elong	-4566 Mar 24 j 17:20	27° \approx 47'11	0°19'03	inferior conj	-4565 Mar 04 j 17:12	8° \approx 29'36	2°06'30
min. Earth dist.	-4566 Mar 25 j 08:30	27° \approx 25'39	0.55210 AU	minimum elong	-4565 Mar 04 j 21:55	8° \approx 22'19	2°04'55
desc. node	-4566 Mar 25 j 20:43	27° \approx 08'23		min. Earth dist.	-4565 Mar 06 j 22:46	7° \approx 07'26	0.55894 AU
morning rise	-4566 Apr 02 j 22:50	23° \approx 39'56		desc. node	-4565 Mar 12 j 17:51	4° \approx 13'42	
direct	-4566 Apr 05 j 23:34	23° \approx 19'50		morning rise	-4565 Mar 13 j 16:05	3° \approx 55'42	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

direct	-4565 Mar 17 j 17:19	3° \approx 19'20		morning max el	-4564 Mar 12 j 04:02	20° \approx 50'30	25°36'25
morning max el	-4565 Mar 31 j 13:03	10° \approx 13'34	24°02'22		-4564 Mar 20 j 01:39	0° \approx	
	-4565 Apr 15 j 05:17	0° \approx			-4564 Apr 06 j 15:22	0° \approx	
morning set	-4565 Apr 25 j 01:29	18° \approx 56'39		morning set	-4564 Apr 08 j 13:37	3° \approx 59'31	
asc. node	-4565 Apr 26 j 19:28	22° \approx 38'46		asc. node	-4564 Apr 12 j 16:27	12° \approx 48'35	
	-4565 Apr 30 j 05:30	0° \approx					
superior conj	-4565 May 02 j 03:06	4° \approx 06'02	0°52'34	superior conj	-4564 Apr 15 j 13:40	19° \approx 05'42	0°29'34
minimum elong	-4565 May 02 j 00:58	3° \approx 54'37	0°52'11	minimum elong	-4564 Apr 15 j 12:24	18° \approx 58'47	0°29'15
max. Earth dist.	-4565 May 03 j 23:03	8° \approx 01'41	1.33444 AU	max. Earth dist.	-4564 Apr 16 j 09:36	20° \approx 54'14	1.32856 AU
evening rise	-4565 May 09 j 13:39	19° \approx 41'17			-4564 Apr 20 j 15:11	0° \approx	
	-4565 May 14 j 21:13	0° \approx		evening rise	-4564 Apr 22 j 17:10	4° \approx 20'42	
	-4565 Jun 02 j 17:50	0° \approx			-4564 May 06 j 14:54	0° \approx	
desc. node	-4565 Jun 08 j 16:22	7° \approx 09'41		evening max el	-4564 May 24 j 01:59	22° \approx 52'22	27°08'38
evening max el	-4565 Jun 11 j 19:29	10° \approx 22'55	27°25'24	desc. node	-4564 May 25 j 13:31	24° \approx 14'08	
retrograde	-4565 Jun 25 j 12:35	17° \approx 47'17			-4564 Jun 04 j 15:34	0° \approx	
evening set	-4565 Jul 02 j 16:06	15° \approx 09'55		retrograde	-4564 Jun 07 j 00:36	0° \approx 14'57	
min. Earth dist.	-4565 Jul 06 j 06:29	12° \approx 01'36	0.63360 AU		-4564 Jun 09 j 08:31	30° \approx 8	
inferior conj	-4565 Jul 08 j 22:57	9° \approx 17'51	-3°51'08	evening set	-4564 Jun 13 j 23:10	28° \approx 01'40	
minimum elong	-4565 Jul 09 j 02:11	9° \approx 09'38	3°50'23	min. Earth dist.	-4564 Jun 17 j 15:21	25° \approx 14'35	0.61498 AU
morning rise	-4565 Jul 15 j 13:09	4° \approx 02'42		inferior conj	-4564 Jun 20 j 19:43	22° \approx 23'30	-4°12'06
direct	-4565 Jul 18 j 05:08	3° \approx 28'13		minimum elong	-4564 Jun 20 j 21:17	22° \approx 19'57	4°11'50
asc. node	-4565 Jul 23 j 19:05	5° \approx 58'12		morning rise	-4564 Jun 27 j 20:57	17° \approx 28'59	
morning max el	-4565 Jul 24 j 18:27	6° \approx 52'28	17°57'54	direct	-4564 Jun 30 j 10:37	17° \approx 01'10	
	-4565 Aug 08 j 22:14	0° \approx		morning max el	-4564 Jul 07 j 08:13	20° \approx 27'07	18°00'51
morning set	-4565 Aug 10 j 15:30	3° \approx 00'21		asc. node	-4564 Jul 09 j 16:10	23° \approx 01'46	
					-4564 Jul 14 j 11:58	0° \approx	
superior conj	-4565 Aug 22 j 18:59	23° \approx 46'46	1°15'30	morning set	-4564 Jul 23 j 10:50	15° \approx 14'02	
minimum elong	-4565 Aug 23 j 00:50	24° \approx 11'01	1°15'06		-4564 Jul 31 j 06:59	0° \approx	
	-4565 Aug 26 j 13:48	0° \approx		superior conj	-4564 Aug 02 j 23:06	4° \approx 42'12	1°38'54
max. Earth dist.	-4565 Aug 28 j 22:39	3° \approx 50'04	1.43659 AU	minimum elong	-4564 Aug 03 j 02:54	4° \approx 58'47	1°38'53
desc. node	-4565 Sep 04 j 15:32	14° \approx 02'58		max. Earth dist.	-4564 Aug 10 j 09:11	17° \approx 18'49	1.42180 AU
evening rise	-4565 Sep 07 j 14:04	19° \approx 02'27		evening rise	-4564 Aug 16 j 22:39	27° \approx 56'36	
	-4565 Sep 14 j 17:55	0° \approx			-4564 Aug 18 j 05:52	0° \approx	
evening max el	-4565 Oct 06 j 09:19	29° \approx 45'14	20°47'15	desc. node	-4564 Aug 21 j 12:30	5° \approx 06'30	
	-4565 Oct 06 j 15:08	0° \approx			-4564 Sep 07 j 11:52	0° \approx	
retrograde	-4565 Oct 14 j 14:35	4° \approx 36'28		evening max el	-4564 Sep 18 j 04:41	13° \approx 09'55	22°01'06
evening set	-4565 Oct 18 j 12:01	3° \approx 09'48		retrograde	-4564 Sep 27 j 10:22	18° \approx 39'10	
asc. node	-4565 Oct 19 j 17:59	2° \approx 05'23		evening set	-4564 Oct 01 j 20:03	16° \approx 53'50	
	-4565 Oct 21 j 15:15	30° \approx 8		asc. node	-4564 Oct 05 j 15:09	12° \approx 43'03	
inferior conj	-4565 Oct 23 j 21:43	27° \approx 01'11	1°23'12	inferior conj	-4564 Oct 07 j 03:41	10° \approx 38'37	0°31'07
minimum elong	-4565 Oct 23 j 19:52	27° \approx 07'26	1°22'29	minimum elong	-4564 Oct 07 j 02:58	10° \approx 41'06	0°30'53
min. Earth dist.	-4565 Oct 24 j 11:04	26° \approx 15'47	0.66985 AU	min. Earth dist.	-4564 Oct 07 j 06:27	10° \approx 29'04	0.67332 AU
morning rise	-4565 Oct 29 j 03:33	20° \approx 45'41		morning rise	-4564 Oct 12 j 09:45	4° \approx 23'37	
direct	-4565 Nov 03 j 12:35	18° \approx 26'32		direct	-4564 Oct 17 j 03:40	2° \approx 25'42	
morning max el	-4565 Nov 14 j 13:46	25° \approx 01'54	24°13'45	morning max el	-4564 Oct 27 j 00:26	8° \approx 18'51	22°47'26
	-4565 Nov 19 j 01:46	0° \approx			-4564 Nov 12 j 20:46	0° \approx	
desc. node	-4565 Dec 01 j 15:34	16° \approx 46'40		desc. node	-4564 Nov 17 j 12:29	6° \approx 51'58	
	-4565 Dec 10 j 09:20	0° \approx		morning set	-4564 Nov 30 j 01:00	26° \approx 31'10	
morning set	-4565 Dec 20 j 07:37	16° \approx 23'19			-4564 Dec 02 j 03:27	0° \approx	
max. Earth dist.	-4565 Dec 24 j 04:02	23° \approx 10'28	1.38186 AU	max. Earth dist.	-4564 Dec 05 j 00:55	4° \approx 53'10	1.40247 AU
	-4565 Dec 27 j 21:41	0° \approx					
superior conj	-4565 Dec 31 j 04:58	6° \approx 13'57	-1°50'03	superior conj	-4564 Dec 12 j 18:35	18° \approx 31'23	-1°53'27
minimum elong	-4565 Dec 31 j 06:46	6° \approx 22'36	1°50'10	minimum elong	-4564 Dec 12 j 17:57	18° \approx 28'32	1°53'36
evening rise	-4564 Jan 08 j 22:33	23° \approx 19'42			-4564 Dec 18 j 22:57	0° \approx	
	-4564 Jan 12 j 08:49	0° \approx		evening rise	-4564 Dec 22 j 12:33	6° \approx 45'49	
asc. node	-4564 Jan 15 j 16:52	6° \approx 10'47		asc. node	-4563 Jan 01 j 13:57	24° \approx 48'27	
evening max el	-4564 Jan 25 j 14:27	20° \approx 11'54	18°59'33		-4563 Jan 05 j 05:29	0° \approx	
retrograde	-4564 Feb 03 j 01:37	24° \approx 15'24		evening max el	-4563 Jan 07 j 18:40	2° \approx 50'55	18°24'09
evening set	-4564 Feb 05 j 11:50	23° \approx 56'49		retrograde	-4563 Jan 15 j 04:22	6° \approx 30'10	
inferior conj	-4564 Feb 13 j 10:26	19° \approx 40'27	3°20'56	evening set	-4563 Jan 17 j 17:19	6° \approx 05'36	
minimum elong	-4564 Feb 13 j 14:58	19° \approx 32'25	3°19'50	inferior conj	-4563 Jan 25 j 00:05	1° \approx 28'53	3°57'48
min. Earth dist.	-4564 Feb 16 j 14:00	17° \approx 27'41	0.57333 AU	minimum elong	-4563 Jan 26 j 01:58	1° \approx 25'00	3°57'25
morning rise	-4564 Feb 21 j 15:35	14° \approx 37'10			-4563 Jan 28 j 18:59	30° \approx 8	
direct	-4564 Feb 26 j 22:55	13° \approx 30'26		min. Earth dist.	-4563 Jan 28 j 08:53	28° \approx 43'36	0.59211 AU
desc. node	-4564 Feb 27 j 14:59	13° \approx 31'31		morning rise	-4563 Feb 01 j 08:36	26° \approx 01'44	
				direct	-4563 Feb 07 j 17:08	24° \approx 15'55	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

desc. node	-4563 Feb 13 j 12:05	25° ♁ 38'53		morning rise	-4562 Jan 13 j 23:10	8° ♁ 07'05	
	-4563 Feb 19 j 22:59	0° ♁		direct	-4562 Jan 20 j 22:02	5° ♁ 45'41	
morning max el	-4563 Feb 21 j 22:52	1° ♁ 50'06	26°50'39	desc. node	-4562 Jan 31 j 09:09	10° ♁ 14'59	
	-4563 Mar 14 j 04:42	0° ♁		morning max el	-4562 Feb 03 j 23:44	13° ♁ 26'57	27°33'30
morning set	-4563 Mar 24 j 00:07	18° ♁ 57'07			-4562 Feb 17 j 06:45	0° ♁	
	-4563 Mar 29 j 04:02	0° ♁			-4562 Mar 06 j 11:23	0° ♁	
asc. node	-4563 Mar 30 j 13:26	3° ♁ 02'28		morning set	-4562 Mar 08 j 07:02	3° ♁ 41'37	
				max. Earth dist.	-4562 Mar 14 j 11:25	16° ♁ 49'04	1.32686 AU
superior conj	-4563 Mar 31 j 01:26	4° ♁ 08'05	0°05'13				
minimum elong	-4563 Mar 31 j 01:12	4° ♁ 06'50	0°05'03	superior conj	-4562 Mar 15 j 12:40	19° ♁ 06'26	-0°19'43
behind sun begin	-4563 Mar 30 j 20:26	3° ♁ 40'47		minimum elong	-4562 Mar 15 j 13:33	19° ♁ 11'15	0°19'42
behind sun end	-4563 Mar 31 j 05:57	4° ♁ 32'52		asc. node	-4562 Mar 17 j 10:24	23° ♁ 15'50	
max. Earth dist.	-4563 Mar 30 j 23:01	3° ♁ 54'51	1.32600 AU		-4562 Mar 20 j 12:58	0° ♁	
evening rise	-4563 Apr 07 j 01:24	19° ♁ 13'26		evening rise	-4562 Mar 22 j 12:13	4° ♁ 11'17	
	-4563 Apr 12 j 10:07	0° ♁			-4562 Apr 05 j 10:20	0° ♁	
	-4563 May 01 j 17:05	0° ♁		evening max el	-4562 Apr 17 j 21:24	15° ♁ 50'06	25°03'39
evening max el	-4563 May 06 j 02:37	4° ♁ 40'52	26°19'36	desc. node	-4562 Apr 29 j 07:52	22° ♁ 42'35	
desc. node	-4563 May 12 j 10:41	9° ♁ 37'27		retrograde	-4562 May 01 j 22:35	22° ♁ 58'34	
retrograde	-4563 May 20 j 04:44	11° ♁ 59'49		evening set	-4562 May 07 j 00:20	21° ♁ 59'08	
evening set	-4563 May 26 j 10:28	10° ♁ 22'05		min. Earth dist.	-4562 May 12 j 09:49	19° ♁ 05'25	0.57516 AU
min. Earth dist.	-4563 May 30 j 15:33	7° ♁ 39'49	0.59459 AU	inferior conj	-4562 May 15 j 10:44	17° ♁ 02'10	-3°41'42
inferior conj	-4563 Jun 03 j 00:46	5° ♁ 01'33	-4°12'12	minimum elong	-4562 May 15 j 06:05	17° ♁ 10'06	3°40'51
minimum elong	-4563 Jun 02 j 23:23	5° ♁ 04'16	4°12'01	morning rise	-4562 May 23 j 14:55	12° ♁ 49'14	
morning rise	-4563 Jun 10 j 14:44	0° ♁ 28'49		direct	-4562 May 26 j 02:00	12° ♁ 31'19	
direct	-4563 Jun 13 j 02:55	0° ♁ 06'30		morning max el	-4562 Jun 03 j 21:17	16° ♁ 38'18	19°05'44
morning max el	-4563 Jun 20 j 18:10	3° ♁ 45'54	18°23'14	asc. node	-4562 Jun 13 j 10:11	29° ♁ 42'30	
asc. node	-4563 Jun 26 j 13:12	11° ♁ 01'06			-4562 Jun 13 j 14:12	0° ♁	
morning set	-4563 Jul 06 j 20:38	29° ♁ 19'38		morning set	-4562 Jun 20 j 16:48	13° ♁ 24'03	
	-4563 Jul 07 j 05:06	0° ♁					
superior conj	-4563 Jul 16 j 03:48	16° ♁ 52'17	1°48'39	superior conj	-4562 Jun 29 j 03:11	29° ♁ 59'33	1°47'38
minimum elong	-4563 Jul 16 j 04:48	16° ♁ 56'52	1°48'51	minimum elong	-4562 Jun 29 j 02:02	29° ♁ 53'59	1°47'46
max. Earth dist.	-4563 Jul 23 j 13:38	0° ♁ 04'04	1.40343 AU		-4562 Jun 29 j 03:17	0° ♁	
	-4563 Jul 23 j 12:41	0° ♁		max. Earth dist.	-4562 Jul 05 j 14:57	12° ♁ 08'42	1.38402 AU
evening rise	-4563 Jul 28 j 04:24	7° ♁ 52'05		evening rise	-4562 Jul 09 j 12:35	19° ♁ 04'53	
desc. node	-4563 Aug 08 j 09:32	25° ♁ 37'00			-4562 Jul 16 j 00:04	0° ♁	
	-4563 Aug 11 j 07:53	0° ♁		desc. node	-4562 Jul 26 j 06:35	15° ♁ 54'01	
evening max el	-4563 Aug 31 j 18:41	26° ♁ 35'11	23°21'10		-4562 Aug 05 j 12:06	0° ♁	
	-4563 Sep 04 j 14:58	0° ♁		evening max el	-4562 Aug 14 j 05:51	10° ♁ 03'35	24°41'04
retrograde	-4563 Sep 11 j 03:26	2° ♁ 43'25		retrograde	-4562 Aug 25 j 16:43	16° ♁ 45'24	
evening set	-4563 Sep 16 j 03:06	0° ♁ 38'23		evening set	-4562 Aug 31 j 07:20	14° ♁ 21'31	
	-4563 Sep 16 j 20:00	30° ♁		min. Earth dist.	-4562 Sep 04 j 21:47	9° ♁ 03'34	0.67136 AU
inferior conj	-4563 Sep 21 j 10:16	24° ♁ 20'06	-0°22'11	inferior conj	-4562 Sep 05 j 15:45	8° ♁ 03'36	-1°15'03
minimum elong	-4563 Sep 21 j 10:47	24° ♁ 18'20	0°21'49	minimum elong	-4562 Sep 05 j 17:28	7° ♁ 57'50	1°14'10
min. Earth dist.	-4563 Sep 21 j 02:52	24° ♁ 45'32	0.67387 AU	asc. node	-4562 Sep 09 j 09:24	3° ♁ 30'03	
asc. node	-4563 Sep 22 j 12:18	22° ♁ 51'27		morning rise	-4562 Sep 11 j 03:36	1° ♁ 58'38	
morning rise	-4563 Sep 26 j 18:24	18° ♁ 08'29		direct	-4562 Sep 14 j 19:52	0° ♁ 40'34	
direct	-4563 Sep 30 j 22:30	16° ♁ 31'32		morning max el	-4562 Sep 22 j 14:29	5° ♁ 12'21	20°12'27
morning max el	-4563 Oct 09 j 16:01	21° ♁ 41'32	21°24'56		-4562 Oct 10 j 17:00	0° ♁	
	-4563 Oct 16 j 15:26	0° ♁		morning set	-4562 Oct 19 j 13:28	13° ♁ 34'13	
desc. node	-4563 Nov 04 j 09:24	27° ♁ 13'28		desc. node	-4562 Oct 22 j 06:20	17° ♁ 46'22	
	-4563 Nov 06 j 04:33	0° ♁			-4562 Oct 30 j 00:15	0° ♁	
morning set	-4563 Nov 09 j 14:42	5° ♁ 20'59		max. Earth dist.	-4562 Oct 30 j 12:31	0° ♁ 49'03	1.43689 AU
max. Earth dist.	-4563 Nov 17 j 02:57	17° ♁ 25'47	1.42171 AU				
superior conj	-4563 Nov 24 j 10:15	29° ♁ 42'45	-1°44'25	superior conj	-4562 Nov 04 j 23:10	9° ♁ 38'02	-1°19'40
minimum elong	-4563 Nov 24 j 06:06	29° ♁ 24'56	1°44'16	minimum elong	-4562 Nov 04 j 16:27	9° ♁ 10'31	1°19'01
	-4563 Nov 24 j 14:15	0° ♁			-4562 Nov 17 j 01:25	0° ♁	
evening rise	-4563 Dec 05 j 13:55	19° ♁ 32'09		evening rise	-4562 Nov 17 j 22:23	1° ♁ 30'28	
	-4563 Dec 11 j 09:27	0° ♁		evening max el	-4562 Dec 05 j 16:56	29° ♁ 06'45	18°12'40
asc. node	-4563 Dec 19 j 11:03	12° ♁ 43'32		asc. node	-4562 Dec 06 j 08:08	29° ♁ 43'44	
evening max el	-4563 Dec 22 j 04:26	15° ♁ 51'34	18°08'46		-4562 Dec 06 j 15:16	0° ♁	
retrograde	-4563 Dec 28 j 23:16	19° ♁ 20'31		retrograde	-4562 Dec 12 j 06:13	2° ♁ 37'23	
evening set	-4563 Dec 31 j 15:00	18° ♁ 48'51		evening set	-4562 Dec 15 j 01:22	1° ♁ 57'22	
inferior conj	-4562 Jan 07 j 08:33	13° ♁ 50'43	4°03'59		-4562 Dec 17 j 22:52	30° ♁	
minimum elong	-4562 Jan 07 j 07:44	13° ♁ 52'40	4°03'44	inferior conj	-4562 Dec 21 j 08:18	26° ♁ 38'45	3°48'28
min. Earth dist.	-4562 Jan 10 j 10:29	10° ♁ 56'28	0.61204 AU	minimum elong	-4562 Dec 21 j 05:45	26° ♁ 45'32	3°47'56
				min. Earth dist.	-4562 Dec 23 j 21:07	23° ♁ 56'48	0.63053 AU
				morning rise	-4562 Dec 27 j 09:25	20° ♁ 43'25	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

direct	-4561 Jan 03 j 11:12	17° \mathbb{M} 59'35		min. Earth dist.	-4561 Dec 06 j 17:38	7° \mathbb{M} 29'41	0.64604 AU
morning max el	-4561 Jan 17 j 05:55	25° \mathbb{M} 42'40	27°40'19	morning rise	-4561 Dec 10 j 11:21	3° \mathbb{M} 40'53	
desc. node	-4561 Jan 18 j 06:09	26° \mathbb{M} 43'44		direct	-4561 Dec 17 j 07:07	0° \mathbb{M} 50'01	
	-4561 Jan 21 j 06:05	0° \mathbb{A}		morning max el	-4561 Dec 30 j 15:05	8° \mathbb{M} 28'40	27°12'47
	-4561 Feb 10 j 17:19	0° \mathbb{B}		desc. node	-4560 Jan 05 j 03:10	14° \mathbb{M} 32'27	
morning set	-4561 Feb 20 j 08:05	18° \mathbb{B} 05'04			-4560 Jan 16 j 11:37	0° \mathbb{A}	
max. Earth dist.	-4561 Feb 25 j 19:07	29° \mathbb{B} 23'53	1.33143 AU		-4560 Feb 03 j 00:10	0° \mathbb{B}	
	-4561 Feb 26 j 01:54	0° \mathbb{A}		morning set	-4560 Feb 04 j 00:18	1° \mathbb{B} 56'46	
				max. Earth dist.	-4560 Feb 08 j 18:17	11° \mathbb{B} 27'05	1.34010 AU
superior conj	-4561 Feb 27 j 21:44	3° \mathbb{A} 54'42	-0°44'18	superior conj	-4560 Feb 12 j 02:40	18° \mathbb{B} 25'24	-1°07'32
minimum elong	-4561 Feb 27 j 23:39	4° \mathbb{A} 05'05	0°44'08	minimum elong	-4560 Feb 12 j 05:24	18° \mathbb{B} 39'47	1°07'18
asc. node	-4561 Mar 04 j 07:22	13° \mathbb{A} 24'38			-4560 Feb 17 j 13:39	0° \mathbb{A}	
evening rise	-4561 Mar 06 j 23:50	19° \mathbb{A} 07'44		evening rise	-4560 Feb 19 j 10:27	3° \mathbb{A} 55'26	
	-4561 Mar 12 j 08:56	0° \mathbb{H}		asc. node	-4560 Feb 19 j 04:22	3° \mathbb{A} 23'41	
evening max el	-4561 Mar 30 j 13:35	26° \mathbb{H} 36'34	23°32'04		-4560 Mar 05 j 00:43	0° \mathbb{H}	
	-4561 Apr 03 j 16:09	0° \mathbb{Y}		evening max el	-4560 Mar 11 j 08:46	7° \mathbb{H} 24'41	21°58'48
retrograde	-4561 Apr 13 j 03:34	3° \mathbb{Y} 20'30		retrograde	-4560 Mar 23 j 20:53	13° \mathbb{H} 27'34	
desc. node	-4561 Apr 16 j 04:59	2° \mathbb{Y} 59'50		evening set	-4560 Mar 26 j 15:26	13° \mathbb{H} 10'29	
evening set	-4561 Apr 16 j 21:44	2° \mathbb{Y} 49'32		desc. node	-4560 Apr 02 j 02:06	10° \mathbb{H} 41'01	
	-4561 Apr 23 j 06:10	30° \mathbb{H}		inferior conj	-4560 Apr 04 j 23:45	9° \mathbb{H} 05'03	-0°47'51
min. Earth dist.	-4561 Apr 24 j 00:56	29° \mathbb{H} 32'42	0.56010 AU	minimum elong	-4560 Apr 04 j 21:33	9° \mathbb{H} 08'09	0°47'11
inferior conj	-4561 Apr 26 j 00:48	28° \mathbb{H} 21'07	-2°32'22	min. Earth dist.	-4560 Apr 04 j 14:53	9° \mathbb{H} 17'32	0.55241 AU
minimum elong	-4561 Apr 25 j 19:12	28° \mathbb{H} 29'32	2°30'49	morning rise	-4560 Apr 14 j 04:40	5° \mathbb{H} 05'25	
morning rise	-4561 May 04 j 19:21	24° \mathbb{H} 21'22		direct	-4560 Apr 16 j 21:22	4° \mathbb{H} 49'08	
direct	-4561 May 07 j 06:36	24° \mathbb{H} 06'05		morning max el	-4560 Apr 28 j 21:41	10° \mathbb{H} 29'56	21°30'13
morning max el	-4561 May 17 j 14:56	28° \mathbb{H} 54'59	20°08'32		-4560 May 12 j 17:48	0° \mathbb{Y}	
	-4561 May 18 j 17:30	0° \mathbb{Y}		asc. node	-4560 May 17 j 04:08	8° \mathbb{Y} 33'13	
asc. node	-4561 May 31 j 07:09	18° \mathbb{Y} 55'59		morning set	-4560 May 19 j 04:38	12° \mathbb{Y} 40'34	
morning set	-4561 Jun 04 j 20:16	27° \mathbb{Y} 53'22					
	-4561 Jun 05 j 21:12	0° \mathbb{B}		superior conj	-4560 May 26 j 14:37	28° \mathbb{Y} 10'48	1°23'47
superior conj	-4561 Jun 12 j 16:08	13° \mathbb{B} 49'37	1°38'36	minimum elong	-4560 May 26 j 11:54	27° \mathbb{Y} 56'40	1°23'32
minimum elong	-4561 Jun 12 j 13:46	13° \mathbb{B} 37'48	1°38'33		-4560 May 27 j 11:42	0° \mathbb{B}	
max. Earth dist.	-4561 Jun 17 j 19:30	23° \mathbb{B} 55'33	1.36598 AU	max. Earth dist.	-4560 May 30 j 08:22	5° \mathbb{B} 50'17	1.35082 AU
	-4561 Jun 21 j 00:59	0° \mathbb{I}		evening rise	-4560 Jun 03 j 21:35	14° \mathbb{B} 46'21	
evening rise	-4561 Jun 21 j 20:06	1° \mathbb{I} 27'52			-4560 Jun 12 j 07:30	0° \mathbb{I}	
	-4561 Jul 09 j 02:23	0° \mathbb{E}		desc. node	-4560 Jun 29 j 00:42	25° \mathbb{I} 19'32	
desc. node	-4561 Jul 13 j 03:39	5° \mathbb{E} 51'03			-4560 Jul 02 j 17:37	0° \mathbb{E}	
evening max el	-4561 Jul 27 j 16:36	23° \mathbb{E} 34'33	25°52'54	evening max el	-4560 Jul 09 j 03:48	7° \mathbb{E} 02'32	26°48'28
	-4561 Aug 05 j 15:38	0° \mathbb{O}		retrograde	-4560 Jul 22 j 05:04	14° \mathbb{E} 22'00	
retrograde	-4561 Aug 09 j 01:23	0° \mathbb{O} 40'14		evening set	-4560 Jul 28 j 23:09	11° \mathbb{E} 34'10	
	-4561 Aug 12 j 05:41	30° \mathbb{R}		min. Earth dist.	-4560 Aug 01 j 21:21	7° \mathbb{E} 32'33	0.65616 AU
evening set	-4561 Aug 15 j 06:46	28° \mathbb{E} 00'54		inferior conj	-4560 Aug 03 j 15:56	5° \mathbb{E} 26'23	-2°52'31
min. Earth dist.	-4561 Aug 19 j 12:44	23° \mathbb{E} 20'36	0.66558 AU	minimum elong	-4560 Aug 03 j 19:27	5° \mathbb{E} 15'58	2°51'14
inferior conj	-4561 Aug 20 j 18:18	21° \mathbb{E} 46'37	-2°05'50		-4560 Aug 09 j 05:34	30° \mathbb{R}	
minimum elong	-4561 Aug 20 j 21:05	21° \mathbb{E} 37'44	2°04'36	morning rise	-4560 Aug 09 j 16:05	29° \mathbb{I} 44'39	
morning rise	-4561 Aug 26 j 11:30	15° \mathbb{E} 51'38		direct	-4560 Aug 12 j 15:19	28° \mathbb{I} 55'34	
asc. node	-4561 Aug 27 j 06:30	15° \mathbb{E} 25'16		asc. node	-4560 Aug 13 j 03:37	28° \mathbb{I} 57'02	
direct	-4561 Aug 29 j 18:08	14° \mathbb{E} 49'36			-4560 Aug 16 j 02:48	0° \mathbb{E}	
morning max el	-4561 Sep 05 j 19:57	18° \mathbb{E} 51'10	19°13'40	morning max el	-4560 Aug 19 j 06:57	2° \mathbb{E} 35'47	18°30'41
	-4561 Sep 14 j 10:07	0° \mathbb{O}			-4560 Sep 06 j 19:02	0° \mathbb{O}	
morning set	-4561 Sep 28 j 20:24	22° \mathbb{O} 17'11		morning set	-4560 Sep 08 j 03:39	2° \mathbb{O} 12'36	
	-4561 Oct 03 j 18:22	0° \mathbb{P}					
desc. node	-4561 Oct 09 j 03:15	8° \mathbb{P} 26'12		superior conj	-4560 Sep 23 j 09:35	26° \mathbb{O} 37'34	0°10'10
max. Earth dist.	-4561 Oct 13 j 04:12	14° \mathbb{P} 48'19	1.44600 AU	minimum elong	-4560 Sep 23 j 10:55	26° \mathbb{O} 42'50	0°10'06
				behind sun begin	-4560 Sep 23 j 01:56	26° \mathbb{O} 07'21	
superior conj	-4561 Oct 15 j 10:13	18° \mathbb{P} 22'09	-0°39'03	behind sun end	-4560 Sep 23 j 19:54	27° \mathbb{O} 18'18	
minimum elong	-4561 Oct 15 j 05:25	18° \mathbb{P} 03'06	0°38'23	max. Earth dist.	-4560 Sep 24 j 22:27	29° \mathbb{O} 03'00	1.44793 AU
	-4561 Oct 22 j 16:49	0° \mathbb{U}		desc. node	-4560 Sep 25 j 00:11	29° \mathbb{O} 09'52	
evening rise	-4561 Oct 30 j 09:10	12° \mathbb{U} 30'43			-4560 Sep 25 j 12:54	0° \mathbb{P}	
	-4561 Nov 10 j 02:24	0° \mathbb{M}		evening rise	-4560 Oct 09 j 19:01	22° \mathbb{P} 26'45	
evening max el	-4561 Nov 19 j 05:20	12° \mathbb{M} 29'27	18°34'54		-4560 Oct 14 j 13:55	0° \mathbb{U}	
asc. node	-4561 Nov 23 j 05:15	15° \mathbb{M} 33'34		greatest brilliancy	-4560 Oct 19 j 02:23	7° \mathbb{U} 05'29	-0.8m
retrograde	-4561 Nov 25 j 21:07	16° \mathbb{M} 12'00		evening max el	-4560 Nov 01 j 15:07	25° \mathbb{U} 55'38	19°14'22
evening set	-4561 Nov 28 j 21:00	15° \mathbb{M} 22'00		retrograde	-4560 Nov 08 j 16:35	29° \mathbb{U} 59'09	
inferior conj	-4561 Dec 04 j 19:34	9° \mathbb{M} 45'11	3°18'19	asc. node	-4560 Nov 09 j 02:23	29° \mathbb{U} 58'12	
minimum elong	-4561 Dec 04 j 16:22	9° \mathbb{M} 54'36	3°17'26	evening set	-4560 Nov 11 j 23:03	28° \mathbb{U} 57'01	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

inferior conj	-4560 Nov 17 j 15:15	23° Ω 05'06	2°38'24	minimum elong	-4559 Nov 01 j 14:13	6° Ω 41'51	1°51'02
minimum elong	-4560 Nov 17 j 12:11	23° Ω 14'48	2°37'21	min. Earth dist.	-4559 Nov 02 j 12:28	5° Ω 27'32	0.66646 AU
min. Earth dist.	-4560 Nov 18 j 23:26	21° Ω 22'59	0.65800 AU	morning rise	-4559 Nov 06 j 23:13	0° Ω 19'03	
morning rise	-4560 Nov 23 j 01:04	16° Ω 54'14			-4559 Nov 07 j 08:05	30° \Re \mathbb{M}	
direct	-4560 Nov 29 j 09:11	14° Ω 09'10		direct	-4559 Nov 12 j 16:56	27° \mathbb{M} 48'46	
morning max el	-4560 Dec 12 j 00:51	21° Ω 33'42	26°17'02		-4559 Nov 18 j 18:53	0° Ω	
	-4560 Dec 19 j 10:48	0° \mathbb{M}		morning max el	-4559 Nov 24 j 09:49	4° Ω 46'15	25°01'50
desc. node	-4560 Dec 22 j 00:10	3° \mathbb{M} 17'59		desc. node	-4559 Dec 08 j 21:09	22° Ω 43'15	
	-4559 Jan 08 j 16:10	0° \mathbb{A}			-4559 Dec 13 j 21:17	0° \mathbb{M}	
morning set	-4559 Jan 17 j 03:49	15° \mathbb{A} 05'29		morning set	-4559 Dec 30 j 13:29	27° \mathbb{M} 16'23	
max. Earth dist.	-4559 Jan 21 j 06:12	22° \mathbb{A} 56'09	1.35319 AU		-4558 Jan 01 j 01:55	0° \mathbb{A}	
	-4559 Jan 24 j 19:20	0° \mathbb{B}		max. Earth dist.	-4558 Jan 03 j 07:09	4° \mathbb{A} 03'41	1.37044 AU
superior conj	-4559 Jan 26 j 01:11	2° \mathbb{B} 31'46	-1°28'00	superior conj	-4558 Jan 09 j 14:17	16° \mathbb{A} 05'21	-1°43'55
minimum elong	-4559 Jan 26 j 04:14	2° \mathbb{B} 47'24	1°27'51	minimum elong	-4558 Jan 09 j 16:53	16° \mathbb{A} 18'05	1°43'56
evening rise	-4559 Feb 02 j 18:18	18° \mathbb{B} 28'48			-4558 Jan 16 j 13:09	0° \mathbb{B}	
asc. node	-4559 Feb 05 j 01:23	23° \mathbb{B} 08'24		evening rise	-4558 Jan 17 j 21:19	2° \mathbb{B} 41'41	
	-4559 Feb 08 j 14:19	0° \approx		asc. node	-4558 Jan 22 j 22:27	12° \mathbb{B} 33'16	
evening max el	-4559 Feb 21 j 12:22	18° \approx 38'18	20°35'32		-4558 Feb 03 j 15:00	0° \approx	
retrograde	-4559 Mar 04 j 10:56	23° \approx 50'14		evening max el	-4558 Feb 04 j 02:40	0° \approx 28'26	19°29'06
evening set	-4559 Mar 06 j 19:31	23° \approx 36'44		retrograde	-4558 Feb 13 j 09:38	4° \approx 52'58	
inferior conj	-4559 Mar 15 j 19:43	19° \approx 38'34	1°07'47	evening set	-4558 Feb 15 j 18:08	4° \approx 37'16	
minimum elong	-4559 Mar 15 j 22:40	19° \approx 34'16	1°06'39	inferior conj	-4558 Feb 24 j 02:38	0° \approx 30'57	2°42'49
min. Earth dist.	-4559 Mar 17 j 04:58	18° \approx 50'11	0.55389 AU	minimum elong	-4558 Feb 24 j 07:44	0° \approx 22'37	2°41'17
desc. node	-4559 Mar 19 j 23:15	17° \approx 18'55			-4558 Feb 24 j 21:34	30° \Re \mathbb{B}	
morning rise	-4559 Mar 25 j 00:31	15° \approx 20'42		min. Earth dist.	-4558 Feb 26 j 19:48	28° \mathbb{B} 45'21	0.56421 AU
direct	-4559 Mar 28 j 10:03	14° \approx 55'35		morning rise	-4558 Mar 04 j 18:44	25° \mathbb{B} 43'51	
morning max el	-4559 Apr 10 j 18:41	21° \approx 27'08	23°05'29	desc. node	-4558 Mar 06 j 20:24	25° \mathbb{B} 10'40	
	-4559 Apr 18 j 02:20	0° \mathbb{H}		direct	-4558 Mar 09 j 08:35	24° \mathbb{B} 56'10	
morning set	-4559 May 03 j 15:49	27° \mathbb{H} 38'39			-4558 Mar 21 j 02:25	0° \approx	
asc. node	-4559 May 04 j 01:06	28° \mathbb{H} 27'16		morning max el	-4558 Mar 23 j 10:10	2° \approx 04'19	24°43'56
	-4559 May 04 j 18:44	0° \mathbb{Y}			-4558 Apr 11 j 19:42	0° \mathbb{H}	
superior conj	-4559 May 10 j 19:36	12° \mathbb{Y} 53'06	1°04'51	morning set	-4558 Apr 18 j 04:07	12° \mathbb{H} 41'47	
minimum elong	-4559 May 10 j 17:07	12° \mathbb{Y} 39'57	1°04'29	asc. node	-4558 Apr 20 j 22:05	18° \mathbb{H} 32'55	
max. Earth dist.	-4559 May 13 j 07:02	18° \mathbb{Y} 07'19	1.33926 AU	superior conj	-4558 Apr 25 j 04:44	27° \mathbb{H} 48'54	0°43'03
evening rise	-4559 May 18 j 12:04	28° \mathbb{Y} 45'33		minimum elong	-4558 Apr 25 j 02:56	27° \mathbb{H} 39'11	0°42'41
	-4559 May 19 j 03:10	0° \mathbb{B}			-4558 Apr 26 j 04:58	0° \mathbb{Y}	
	-4559 Jun 05 j 10:57	0° \mathbb{I}		max. Earth dist.	-4558 Apr 26 j 14:01	0° \mathbb{Y} 48'51	1.33142 AU
desc. node	-4559 Jun 15 j 21:48	14° \mathbb{I} 06'59		evening rise	-4558 May 02 j 11:46	13° \mathbb{Y} 13'45	
evening max el	-4559 Jun 21 j 14:45	20° \mathbb{I} 17'05	27°20'17		-4558 May 11 j 06:44	0° \mathbb{B}	
retrograde	-4559 Jul 05 j 03:26	27° \mathbb{I} 42'07			-4558 May 31 j 22:53	0° \mathbb{I}	
evening set	-4559 Jul 12 j 05:32	24° \mathbb{I} 56'44		desc. node	-4558 Jun 02 j 18:56	1° \mathbb{I} 56'00	
min. Earth dist.	-4559 Jul 15 j 21:37	21° \mathbb{I} 31'11	0.64288 AU	evening max el	-4558 Jun 03 j 23:38	3° \mathbb{I} 06'45	27°22'23
inferior conj	-4559 Jul 18 j 06:17	18° \mathbb{I} 58'01	-3°32'33	retrograde	-4558 Jun 17 j 19:46	10° \mathbb{I} 31'28	
minimum elong	-4559 Jul 18 j 09:53	18° \mathbb{I} 48'15	3°31'32	evening set	-4558 Jun 24 j 22:20	8° \mathbb{I} 02'33	
morning rise	-4559 Jul 24 j 14:55	13° \mathbb{I} 32'34		min. Earth dist.	-4558 Jun 28 j 12:24	5° \mathbb{I} 04'55	0.62597 AU
direct	-4559 Jul 27 j 08:54	12° \mathbb{I} 53'35		inferior conj	-4558 Jul 01 j 10:27	2° \mathbb{I} 15'41	-4°02'06
asc. node	-4559 Jul 31 j 00:42	14° \mathbb{I} 02'00		minimum elong	-4558 Jul 01 j 13:08	2° \mathbb{I} 09'09	4°01'34
morning max el	-4559 Aug 02 j 21:09	16° \mathbb{I} 21'15	18°04'43		-4558 Jul 03 j 20:48	30° \Re \mathbb{B}	
	-4559 Aug 12 j 15:02	0° \mathbb{B}		morning rise	-4558 Jul 08 j 05:09	27° \mathbb{B} 09'06	
morning set	-4559 Aug 20 j 13:47	13° \mathbb{B} 24'29		direct	-4558 Jul 10 j 19:50	26° \mathbb{B} 37'48	
	-4559 Aug 30 j 11:27	0° \mathbb{Q}			-4558 Jul 17 j 11:06	0° \mathbb{I}	
superior conj	-4559 Sep 02 j 20:04	5° \mathbb{Q} 28'50	0°55'13	morning max el	-4558 Jul 17 j 11:51	0° \mathbb{I} 01'51	17°56'48
minimum elong	-4559 Sep 03 j 01:39	5° \mathbb{Q} 51'26	0°54'44	asc. node	-4558 Jul 17 j 21:47	0° \mathbb{I} 26'51	
max. Earth dist.	-4559 Sep 07 j 15:28	13° \mathbb{Q} 12'01	1.44262 AU	morning set	-4558 Aug 02 j 22:37	25° \mathbb{I} 41'29	
desc. node	-4559 Sep 11 j 21:07	19° \mathbb{Q} 53'53			-4558 Aug 05 j 08:42	0° \mathbb{B}	
	-4559 Sep 18 j 08:33	0° \mathbb{M}		superior conj	-4558 Aug 14 j 08:13	15° \mathbb{B} 36'42	1°27'13
evening rise	-4559 Sep 19 j 06:37	1° \mathbb{M} 25'25		minimum elong	-4558 Aug 14 j 13:27	15° \mathbb{B} 58'52	1°26'59
greatest brilliancy	-4559 Oct 02 j 20:42	22° \mathbb{M} 06'35	-0.6m	max. Earth dist.	-4558 Aug 21 j 04:31	26° \mathbb{B} 58'20	1.43092 AU
	-4559 Oct 08 j 07:46	0° \mathbb{Q}			-4558 Aug 23 j 01:26	0° \mathbb{Q}	
evening max el	-4559 Oct 15 j 20:09	9° \mathbb{Q} 22'00	20°09'28	evening rise	-4558 Aug 29 j 10:21	10° \mathbb{Q} 05'18	
retrograde	-4559 Oct 23 j 13:47	13° \mathbb{Q} 54'13		desc. node	-4558 Aug 29 j 18:04	10° \mathbb{Q} 35'24	
asc. node	-4559 Oct 26 j 23:33	12° \mathbb{Q} 46'46			-4558 Sep 11 j 13:38	0° \mathbb{M}	
evening set	-4559 Oct 27 j 05:00	12° \mathbb{Q} 37'25		evening max el	-4558 Sep 28 j 19:11	22° \mathbb{M} 47'35	21°17'33
inferior conj	-4559 Nov 01 j 16:37	6° \mathbb{Q} 33'52	1°51'57	retrograde	-4558 Oct 07 j 10:30	27° \mathbb{M} 54'44	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4558 Oct 11 j 12:49	26° \mathbb{M} 20'35		inferior conj	-4557 Oct 01 j 03:54	3° \mathbb{M} 48'26	0°08'34
asc. node	-4558 Oct 13 j 20:44	24° \mathbb{M} 04'29		minimum elong	-4557 Oct 01 j 03:42	3° \mathbb{M} 49'08	0°08'36
inferior conj	-4558 Oct 16 j 21:27	20° \mathbb{M} 08'50	1°01'22	transit middle	-4557 Oct 01 j 03:42	3° \mathbb{M} 49'08	0°08'36
minimum elong	-4558 Oct 16 j 20:04	20° \mathbb{M} 13'35	1°00'50	transit begin	-4557 Oct 01 j 01:24	3° \mathbb{M} 57'04	
min. Earth dist.	-4558 Oct 17 j 06:18	19° \mathbb{M} 38'29	0.67174 AU	transit end	-4557 Oct 01 j 06:00	3° \mathbb{M} 41'13	
morning rise	-4558 Oct 22 j 03:09	13° \mathbb{M} 52'59		min. Earth dist.	-4557 Oct 01 j 02:24	3° \mathbb{M} 53'38	0.67397 AU
direct	-4558 Oct 27 j 05:42	11° \mathbb{M} 42'28			-4557 Oct 04 j 01:20	30° \mathbb{R} 0	
morning max el	-4558 Nov 06 j 18:52	18° \mathbb{M} 00'46	23°36'51	morning rise	-4557 Oct 06 j 10:38	27° \mathbb{Q} 34'34	
	-4558 Nov 16 j 19:06	0° \mathbb{A}		direct	-4557 Oct 10 j 22:36	25° \mathbb{Q} 45'30	
desc. node	-4558 Nov 25 j 18:05	12° \mathbb{A} 36'25			-4557 Oct 18 j 22:31	0° \mathbb{M}	
	-4558 Dec 07 j 00:04	0° \mathbb{M}		morning max el	-4557 Oct 20 j 07:09	1° \mathbb{M} 19'28	22°11'25
morning set	-4558 Dec 11 j 23:02	8° \mathbb{M} 12'18			-4557 Nov 10 j 18:02	0° \mathbb{A}	
max. Earth dist.	-4558 Dec 16 j 02:48	15° \mathbb{M} 21'58	1.39059 AU	desc. node	-4557 Nov 12 j 15:01	2° \mathbb{A} 49'39	
				morning set	-4557 Nov 22 j 04:08	17° \mathbb{A} 44'51	
superior conj	-4558 Dec 23 j 13:57	28° \mathbb{M} 54'33	-1°52'47	max. Earth dist.	-4557 Nov 28 j 01:38	27° \mathbb{A} 26'09	1.41106 AU
minimum elong	-4558 Dec 23 j 14:53	28° \mathbb{M} 59'00	1°52'57		-4557 Nov 29 j 14:06	0° \mathbb{M}	
	-4558 Dec 24 j 03:53	0° \mathbb{A}					
evening rise	-4557 Jan 01 j 16:55	16° \mathbb{A} 26'44		superior conj	-4557 Dec 05 j 19:02	10° \mathbb{M} 46'25	-1°51'22
	-4557 Jan 08 j 22:32	0° \mathbb{B}		minimum elong	-4557 Dec 05 j 16:59	10° \mathbb{M} 37'19	1°51'26
asc. node	-4557 Jan 09 j 19:32	1° \mathbb{B} 30'35		evening rise	-4557 Dec 16 j 02:03	29° \mathbb{M} 37'13	
evening max el	-4557 Jan 18 j 02:32	12° \mathbb{B} 51'49	18°42'06		-4557 Dec 16 j 06:56	0° \mathbb{A}	
retrograde	-4557 Jan 26 j 01:21	16° \mathbb{B} 42'43		asc. node	-4557 Dec 27 j 16:38	19° \mathbb{A} 51'36	
evening set	-4557 Jan 28 j 12:50	16° \mathbb{B} 21'43		evening max el	-4556 Jan 01 j 09:31	25° \mathbb{A} 41'19	18°15'08
inferior conj	-4557 Feb 05 j 04:28	11° \mathbb{B} 57'23	3°40'53	retrograde	-4556 Jan 08 j 11:25	29° \mathbb{A} 14'18	
minimum elong	-4557 Feb 05 j 08:00	11° \mathbb{B} 50'41	3°40'08	evening set	-4556 Jan 11 j 01:41	28° \mathbb{A} 46'41	
min. Earth dist.	-4557 Feb 08 j 12:20	9° \mathbb{B} 27'52	0.58097 AU	inferior conj	-4556 Jan 18 j 02:28	24° \mathbb{A} 00'37	4°03'34
morning rise	-4557 Feb 13 j 00:45	6° \mathbb{B} 43'09		minimum elong	-4556 Jan 18 j 03:07	23° \mathbb{A} 59'12	4°03'20
direct	-4557 Feb 18 j 20:11	5° \mathbb{B} 19'48		min. Earth dist.	-4556 Jan 21 j 09:25	21° \mathbb{A} 08'54	0.60071 AU
desc. node	-4557 Feb 21 j 17:32	5° \mathbb{B} 40'17		morning rise	-4556 Jan 25 j 02:55	18° \mathbb{A} 26'01	
morning max el	-4557 Mar 05 j 02:01	12° \mathbb{B} 47'12	26°11'12	direct	-4556 Jan 31 j 19:09	16° \mathbb{A} 24'06	
	-4557 Mar 18 j 14:02	0° \mathbb{A}		desc. node	-4556 Feb 08 j 14:37	18° \mathbb{A} 55'05	
morning set	-4557 Apr 02 j 15:44	27° \mathbb{A} 42'39		morning max el	-4556 Feb 14 j 23:11	24° \mathbb{A} 00'53	27°13'07
	-4557 Apr 03 j 17:47	0° \mathbb{H}			-4556 Feb 20 j 10:01	0° \mathbb{B}	
asc. node	-4557 Apr 07 j 19:03	8° \mathbb{H} 44'38			-4556 Mar 10 j 16:28	0° \mathbb{A}	
				morning set	-4556 Mar 17 j 00:55	12° \mathbb{A} 34'58	
superior conj	-4557 Apr 09 j 15:59	12° \mathbb{H} 50'11	0°19'22	max. Earth dist.	-4556 Mar 23 j 15:42	26° \mathbb{A} 45'21	1.32602 AU
minimum elong	-4557 Apr 09 j 15:09	12° \mathbb{H} 45'34	0°19'07				
max. Earth dist.	-4557 Apr 10 j 02:08	13° \mathbb{H} 45'35	1.32705 AU	superior conj	-4556 Mar 24 j 03:41	27° \mathbb{A} 50'55	-0°05'22
evening rise	-4557 Apr 16 j 17:34	27° \mathbb{H} 59'41		minimum elong	-4556 Mar 24 j 03:56	27° \mathbb{A} 52'15	0°05'27
	-4557 Apr 17 j 16:55	0° \mathbb{Y}		behind sun begin	-4556 Mar 23 j 23:12	27° \mathbb{A} 26'23	
	-4557 May 04 j 16:30	0° \mathbb{B}		behind sun end	-4556 Mar 24 j 08:40	28° \mathbb{A} 18'08	
evening max el	-4557 May 17 j 03:59	15° \mathbb{B} 19'32	26°51'41	asc. node	-4556 Mar 24 j 16:01	28° \mathbb{A} 58'21	
desc. node	-4557 May 20 j 16:05	18° \mathbb{B} 21'16			-4556 Mar 25 j 03:17	0° \mathbb{H}	
retrograde	-4557 May 31 j 04:37	22° \mathbb{B} 40'37		evening rise	-4556 Mar 31 j 03:08	12° \mathbb{H} 55'08	
evening set	-4557 Jun 06 j 21:21	20° \mathbb{B} 41'50			-4556 Apr 08 j 20:42	0° \mathbb{Y}	
min. Earth dist.	-4557 Jun 10 j 17:32	17° \mathbb{B} 58'35	0.60636 AU	evening max el	-4556 Apr 28 j 02:04	26° \mathbb{Y} 49'56	25°49'59
inferior conj	-4557 Jun 14 j 00:57	15° \mathbb{B} 10'28	-4°15'18		-4556 May 01 j 19:02	0° \mathbb{B}	
minimum elong	-4557 Jun 14 j 01:24	15° \mathbb{B} 09'30	4°15'08	desc. node	-4556 May 06 j 13:15	2° \mathbb{B} 49'55	
morning rise	-4557 Jun 21 j 07:21	10° \mathbb{B} 24'51		retrograde	-4556 May 12 j 04:11	4° \mathbb{B} 04'40	
direct	-4557 Jun 23 j 20:18	9° \mathbb{B} 59'29		evening set	-4556 May 17 j 23:16	2° \mathbb{B} 43'43	
morning max el	-4557 Jul 01 j 00:15	13° \mathbb{B} 29'56	18°07'54	min. Earth dist.	-4556 May 22 j 14:34	29° \mathbb{Y} 58'26	0.58605 AU
asc. node	-4557 Jul 04 j 18:48	17° \mathbb{B} 55'16			-4556 May 22 j 13:41	30° \mathbb{R} Y	
	-4557 Jul 12 j 05:40	0° \mathbb{H}		inferior conj	-4556 May 25 j 22:08	27° \mathbb{Y} 32'49	-4°03'37
morning set	-4557 Jul 17 j 00:40	8° \mathbb{H} 49'08		minimum elong	-4556 May 25 j 19:16	27° \mathbb{Y} 38'07	4°03'14
				morning rise	-4556 Jun 02 j 17:58	23° \mathbb{Y} 08'48	
superior conj	-4557 Jul 26 j 23:23	27° \mathbb{H} 05'02	1°44'33	direct	-4556 Jun 05 j 05:52	22° \mathbb{Y} 48'20	
minimum elong	-4557 Jul 27 j 01:58	27° \mathbb{H} 16'36	1°44'39	morning max el	-4556 Jun 13 j 07:30	26° \mathbb{Y} 37'25	18°38'52
	-4557 Jul 28 j 14:51	0° \mathbb{B}			-4556 Jun 16 j 08:49	0° \mathbb{B}	
max. Earth dist.	-4557 Aug 03 j 12:23	10° \mathbb{B} 09'16	1.41432 AU	asc. node	-4556 Jun 20 j 15:47	6° \mathbb{B} 13'06	
evening rise	-4557 Aug 09 j 02:31	19° \mathbb{B} 21'36		morning set	-4556 Jun 29 j 15:16	22° \mathbb{B} 35'14	
	-4557 Aug 15 j 20:34	0° \mathbb{Q}			-4556 Jul 03 j 10:59	0° \mathbb{H}	
desc. node	-4557 Aug 16 j 15:03	1° \mathbb{Q} 11'02					
	-4557 Sep 06 j 00:43	0° \mathbb{M}		superior conj	-4556 Jul 08 j 12:38	9° \mathbb{H} 40'33	1°49'22
evening max el	-4557 Sep 11 j 12:13	6° \mathbb{M} 13'10	22°34'46	minimum elong	-4556 Jul 08 j 12:37	9° \mathbb{H} 40'25	1°49'34
retrograde	-4557 Sep 21 j 05:10	11° \mathbb{M} 58'37		max. Earth dist.	-4556 Jul 15 j 15:25	22° \mathbb{H} 37'16	1.39513 AU
evening set	-4557 Sep 25 j 20:38	10° \mathbb{M} 05'06		evening rise	-4556 Jul 19 j 19:23	29° \mathbb{H} 48'42	
asc. node	-4557 Sep 30 j 17:52	4° \mathbb{M} 23'02			-4556 Jul 19 j 22:04	0° \mathbb{B}	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

desc. node	-4556 Aug 02 j 12:04	21° \mathfrak{D} 36'08		desc. node	-4555 Jul 20 j 09:07	11° \mathfrak{D} 45'35	
	-4556 Aug 08 j 06:36	0° \mathcal{O}			-4555 Aug 03 j 11:27	0° \mathcal{O}	
evening max el	-4556 Aug 24 j 00:42	19° \mathcal{O} 39'20	23°55'39	evening max el	-4555 Aug 06 j 11:14	3° \mathcal{O} 08'16	25°13'03
retrograde	-4556 Sep 03 j 20:35	26° \mathcal{O} 02'17		retrograde	-4555 Aug 18 j 08:03	10° \mathcal{O} 02'05	
evening set	-4556 Sep 09 j 02:41	23° \mathcal{O} 48'48		evening set	-4555 Aug 24 j 05:09	7° \mathcal{O} 30'40	
inferior conj	-4556 Sep 14 j 10:11	17° \mathcal{O} 30'27	-0°44'46	min. Earth dist.	-4555 Aug 28 j 15:47	2° \mathcal{O} 28'41	0.66929 AU
minimum elong	-4556 Sep 14 j 11:13	17° \mathcal{O} 26'55	0°44'09	inferior conj	-4555 Aug 29 j 14:37	1° \mathcal{O} 13'48	-1°36'58
min. Earth dist.	-4556 Sep 13 j 22:19	18° \mathcal{O} 10'46	0.67320 AU	minimum elong	-4555 Aug 29 j 16:50	1° \mathcal{O} 06'33	1°35'54
asc. node	-4556 Sep 16 j 14:59	14° \mathcal{O} 36'40			-4555 Aug 30 j 13:19	30° \mathfrak{R} \mathfrak{D}	
morning rise	-4556 Sep 19 j 19:43	11° \mathcal{O} 21'34		asc. node	-4555 Sep 03 j 12:04	25° \mathfrak{D} 43'21	
direct	-4556 Sep 23 j 18:34	9° \mathcal{O} 52'59		morning rise	-4555 Sep 04 j 04:35	25° \mathfrak{D} 12'53	
morning max el	-4556 Oct 02 j 01:33	14° \mathcal{O} 45'25	20°52'44	direct	-4555 Sep 07 j 16:23	24° \mathfrak{D} 02'13	
	-4556 Oct 13 j 23:08	0° \mathfrak{M}		morning max el	-4555 Sep 15 j 03:12	28° \mathfrak{D} 20'12	19°45'41
desc. node	-4556 Oct 29 j 11:55	23° \mathfrak{M} 16'27			-4555 Sep 16 j 16:02	0° \mathcal{O}	
morning set	-4556 Oct 31 j 09:05	26° \mathfrak{M} 11'53			-4555 Oct 07 j 10:48	0° \mathfrak{M}	
	-4556 Nov 02 j 19:20	0° \mathfrak{L}		morning set	-4555 Oct 10 j 08:30	4° \mathfrak{M} 29'59	
max. Earth dist.	-4556 Nov 09 j 07:33	10° \mathfrak{L} 24'05	1.42887 AU	desc. node	-4555 Oct 16 j 08:50	13° \mathfrak{M} 52'38	
				max. Earth dist.	-4555 Oct 22 j 19:54	24° \mathfrak{M} 04'12	1.44157 AU
superior conj	-4556 Nov 15 j 23:44	21° \mathfrak{L} 26'00	-1°35'59		-4555 Oct 26 j 12:54	0° \mathfrak{L}	
minimum elong	-4556 Nov 15 j 18:11	21° \mathfrak{L} 02'37	1°35'36	superior conj	-4555 Oct 27 j 00:49	0° \mathfrak{L} 47'59	-1°04'09
	-4556 Nov 21 j 00:05	0° \mathfrak{M}		minimum elong	-4555 Oct 26 j 18:13	0° \mathfrak{L} 21'21	1°03'22
evening rise	-4556 Nov 27 j 20:48	12° \mathfrak{M} 04'26		evening rise	-4555 Nov 09 j 20:39	23° \mathfrak{L} 39'16	
	-4556 Dec 08 j 06:02	0° \mathfrak{J}			-4555 Nov 13 j 14:37	0° \mathfrak{M}	
asc. node	-4556 Dec 13 j 13:43	7° \mathfrak{J} 24'48		evening max el	-4555 Nov 28 j 09:26	22° \mathfrak{M} 07'02	18°19'52
evening max el	-4556 Dec 14 j 20:43	8° \mathfrak{J} 48'25	18°07'59	asc. node	-4555 Nov 30 j 10:50	23° \mathfrak{M} 56'51	
retrograde	-4556 Dec 21 j 12:10	12° \mathfrak{J} 16'58		retrograde	-4555 Dec 04 j 23:03	25° \mathfrak{M} 41'57	
evening set	-4556 Dec 24 j 05:12	11° \mathfrak{J} 41'53		evening set	-4555 Dec 07 j 19:54	24° \mathfrak{M} 58'03	
inferior conj	-4556 Dec 30 j 17:55	6° \mathfrak{J} 34'27	3°59'33	inferior conj	-4555 Dec 13 j 23:01	19° \mathfrak{M} 31'21	3°37'08
minimum elong	-4556 Dec 30 j 16:13	6° \mathfrak{J} 38'41	3°59'13	minimum elong	-4555 Dec 13 j 20:05	19° \mathfrak{M} 39'33	3°36'26
min. Earth dist.	-4555 Jan 02 j 14:32	3° \mathfrak{J} 43'27	0.62024 AU	min. Earth dist.	-4555 Dec 16 j 05:36	16° \mathfrak{M} 59'08	0.63754 AU
morning rise	-4555 Jan 06 j 02:14	0° \mathfrak{J} 45'14		morning rise	-4555 Dec 19 j 19:41	13° \mathfrak{M} 31'33	
	-4555 Jan 07 j 05:35	30° \mathfrak{R} \mathfrak{M}		direct	-4555 Dec 26 j 19:39	10° \mathfrak{M} 42'50	
direct	-4555 Jan 13 j 03:26	28° \mathfrak{M} 12'49		morning max el	-4554 Jan 09 j 10:43	18° \mathfrak{M} 25'50	27°32'27
	-4555 Jan 19 j 11:11	0° \mathfrak{J}		desc. node	-4554 Jan 12 j 08:42	21° \mathfrak{M} 29'27	
desc. node	-4555 Jan 25 j 11:40	4° \mathfrak{J} 23'16			-4554 Jan 19 j 06:54	0° \mathfrak{J}	
morning max el	-4555 Jan 27 j 02:45	5° \mathfrak{J} 55'10	27°40'51		-4554 Feb 07 j 04:13	0° \mathfrak{Z}	
	-4555 Feb 14 j 08:16	0° \mathfrak{Z}		morning set	-4554 Feb 13 j 03:23	11° \mathfrak{Z} 22'54	
morning set	-4555 Mar 01 j 05:39	27° \mathfrak{Z} 11'25		max. Earth dist.	-4554 Feb 18 j 07:15	21° \mathfrak{Z} 55'51	1.33457 AU
	-4555 Mar 02 j 14:28	0° \mathfrak{A}					
max. Earth dist.	-4555 Mar 07 j 02:45	9° \mathfrak{A} 33'28	1.32837 AU	superior conj	-4554 Feb 20 j 21:46	27° \mathfrak{Z} 26'50	-0°54'25
superior conj	-4555 Mar 08 j 14:12	12° \mathfrak{A} 45'17	-0°30'16	minimum elong	-4554 Feb 21 j 00:05	27° \mathfrak{Z} 39'10	0°54'12
minimum elong	-4555 Mar 08 j 15:33	12° \mathfrak{A} 52'35	0°30'10		-4554 Feb 22 j 02:24	0° \mathfrak{A}	
asc. node	-4555 Mar 11 j 13:00	19° \mathfrak{A} 10'03		asc. node	-4554 Feb 26 j 10:00	9° \mathfrak{A} 15'09	
evening rise	-4555 Mar 15 j 14:30	27° \mathfrak{A} 52'54		evening rise	-4554 Feb 28 j 01:54	12° \mathfrak{A} 46'09	
	-4555 Mar 16 j 14:47	0° \mathfrak{H}			-4554 Mar 08 j 22:28	0° \mathfrak{H}	
	-4555 Apr 02 j 23:54	0° \mathfrak{Y}		evening max el	-4554 Mar 22 j 11:31	18° \mathfrak{H} 29'15	22°51'46
evening max el	-4555 Apr 09 j 18:57	7° \mathfrak{Y} 45'48	24°25'40	retrograde	-4554 Apr 04 j 16:49	24° \mathfrak{H} 58'24	
desc. node	-4555 Apr 23 j 10:23	14° \mathfrak{Y} 46'08		evening set	-4554 Apr 07 j 23:06	24° \mathfrak{H} 35'06	
retrograde	-4555 Apr 23 j 16:43	14° \mathfrak{Y} 46'18		desc. node	-4554 Apr 10 j 07:32	23° \mathfrak{H} 51'32	
evening set	-4555 Apr 28 j 05:04	14° \mathfrak{Y} 00'24		min. Earth dist.	-4554 Apr 15 j 21:33	21° \mathfrak{H} 04'34	0.55570 AU
min. Earth dist.	-4555 May 04 j 06:53	10° \mathfrak{Y} 58'20	0.56800 AU	inferior conj	-4554 Apr 17 j 06:04	20° \mathfrak{H} 17'31	-1°51'21
inferior conj	-4555 May 06 j 23:27	9° \mathfrak{Y} 15'21	-3°17'12	minimum elong	-4554 Apr 17 j 01:24	20° \mathfrak{H} 24'17	1°49'57
minimum elong	-4555 May 06 j 17:55	9° \mathfrak{Y} 24'15	3°15'58	morning rise	-4554 Apr 26 j 05:54	16° \mathfrak{H} 19'55	
morning rise	-4555 May 15 j 09:57	5° \mathfrak{Y} 09'39		direct	-4554 Apr 28 j 18:09	16° \mathfrak{H} 05'00	
direct	-4555 May 17 j 20:52	4° \mathfrak{Y} 53'10		morning max el	-4554 May 09 j 20:09	21° \mathfrak{H} 15'40	20°41'15
morning max el	-4555 May 27 j 06:55	9° \mathfrak{Y} 15'48	19°30'08		-4554 May 17 j 00:57	0° \mathfrak{Y}	
asc. node	-4555 Jun 07 j 12:46	25° \mathfrak{Y} 09'08		asc. node	-4554 May 25 j 09:45	14° \mathfrak{Y} 33'23	
	-4555 Jun 10 j 03:05	0° \mathfrak{B}		morning set	-4554 May 28 j 20:41	21° \mathfrak{Y} 28'36	
morning set	-4555 Jun 13 j 14:52	6° \mathfrak{B} 51'11			-4554 Jun 01 j 23:47	0° \mathfrak{B}	
superior conj	-4555 Jun 21 j 18:24	23° \mathfrak{B} 08'00	1°44'38	superior conj	-4554 Jun 05 j 11:51	7° \mathfrak{B} 12'40	1°32'54
minimum elong	-4555 Jun 21 j 16:37	22° \mathfrak{B} 59'16	1°44'43	minimum elong	-4554 Jun 05 j 09:15	6° \mathfrak{B} 59'25	1°32'46
	-4555 Jun 25 j 07:37	0° \mathfrak{I}		max. Earth dist.	-4554 Jun 10 j 00:30	16° \mathfrak{B} 16'16	1.35904 AU
max. Earth dist.	-4555 Jun 27 j 17:18	4° \mathfrak{I} 30'58	1.37597 AU	evening rise	-4554 Jun 14 j 05:55	24° \mathfrak{B} 21'08	
evening rise	-4555 Jul 01 j 14:05	11° \mathfrak{I} 32'40			-4554 Jun 17 j 07:58	0° \mathfrak{I}	
	-4555 Jul 12 j 14:14	0° \mathfrak{D}			-4554 Jul 06 j 03:40	0° \mathfrak{D}	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

desc. node	-4554 Jul 07 j 06:10	1°♄31'31		max. Earth dist.	-4553 May 23 j 17:33	28°♄19'15	1.34551 AU
evening max el	-4554 Jul 19 j 22:02	16°♄38'13	26°19'02		-4553 May 24 j 13:17	0°♄	
retrograde	-4554 Aug 01 j 14:52	23°♄51'48		evening rise	-4553 May 28 j 13:34	7°♄58'55	
evening set	-4554 Aug 08 j 01:55	21°♄07'44			-4553 Jun 09 j 21:21	0°♄	
min. Earth dist.	-4554 Aug 12 j 04:24	16°♄43'47	0.66196 AU	desc. node	-4553 Jun 24 j 03:14	20°♄44'00	
inferior conj	-4554 Aug 13 j 15:21	14°♄55'35	-2°26'17		-4553 Jul 02 j 08:34	0°♄	
minimum elong	-4554 Aug 13 j 18:30	14°♄45'48	2°25'00	evening max el	-4553 Jul 02 j 09:29	0°♄02'13	27°05'23
morning rise	-4554 Aug 19 j 11:18	9°♄05'45		retrograde	-4553 Jul 15 j 16:21	7°♄24'40	
asc. node	-4554 Aug 21 j 09:10	8°♄18'12		evening set	-4553 Jul 22 j 14:24	4°♄36'42	
direct	-4554 Aug 22 j 14:25	8°♄09'43		min. Earth dist.	-4553 Jul 26 j 09:50	0°♄50'39	0.65095 AU
morning max el	-4554 Aug 29 j 11:16	12°♄01'36	18°53'21		-4553 Jul 27 j 03:43	30°♄	
	-4554 Sep 11 j 09:32	0°♄		inferior conj	-4553 Jul 28 j 10:13	28°♄32'21	-3°10'33
morning set	-4554 Sep 20 j 00:34	13°♄40'16		minimum elong	-4553 Jul 28 j 13:52	28°♄21'54	3°09'21
	-4554 Sep 30 j 08:09	0°♄		morning rise	-4553 Aug 03 j 13:45	22°♄56'52	
desc. node	-4554 Oct 03 j 05:46	4°♄34'23		direct	-4553 Aug 06 j 10:30	22°♄12'21	
max. Earth dist.	-4554 Oct 05 j 12:28	8°♄09'56	1.44765 AU	asc. node	-4553 Aug 08 j 06:17	22°♄30'16	
				morning max el	-4553 Aug 12 j 23:51	25°♄46'20	18°17'25
superior conj	-4554 Oct 06 j 04:24	9°♄12'44	-0°18'31		-4553 Aug 16 j 13:20	0°♄	
minimum elong	-4554 Oct 06 j 01:59	9°♄03'13	0°18'08	morning set	-4553 Aug 31 j 19:31	24°♄08'43	
	-4554 Oct 19 j 06:19	0°♄			-4553 Sep 04 j 08:42	0°♄	
evening rise	-4554 Oct 21 j 20:59	4°♄12'07					
	-4554 Nov 07 j 08:37	0°♄		superior conj	-4553 Sep 15 j 05:44	17°♄35'10	0°30'29
evening max el	-4554 Nov 11 j 21:04	5°♄32'07	18°49'45	minimum elong	-4553 Sep 15 j 09:26	17°♄49'53	0°30'10
asc. node	-4554 Nov 17 j 07:57	9°♄12'29		max. Earth dist.	-4553 Sep 18 j 06:28	22°♄23'38	1.44651 AU
retrograde	-4554 Nov 18 j 16:14	9°♄22'34		desc. node	-4553 Sep 20 j 02:41	25°♄18'11	
evening set	-4554 Nov 21 j 18:36	8°♄27'51			-4553 Sep 23 j 02:22	0°♄	
inferior conj	-4554 Nov 27 j 14:16	2°♄44'31	3°02'23	evening rise	-4553 Oct 01 j 20:18	13°♄40'30	
minimum elong	-4554 Nov 27 j 11:03	2°♄54'20	3°01'23		-4553 Oct 12 j 09:03	0°♄	
min. Earth dist.	-4554 Nov 29 j 06:23	0°♄42'21	0.65154 AU	greatest brilliancy	-4553 Oct 13 j 11:55	1°♄42'24	-0.7m
	-4554 Nov 29 j 20:39	30°♄		evening max el	-4553 Oct 26 j 05:08	18°♄58'48	19°36'10
morning rise	-4554 Dec 03 j 03:07	26°♄37'06		retrograde	-4553 Nov 02 j 12:36	23°♄13'14	
direct	-4554 Dec 09 j 18:33	23°♄46'56		asc. node	-4553 Nov 04 j 05:07	22°♄56'43	
	-4554 Dec 21 j 10:27	0°♄		evening set	-4553 Nov 05 j 22:35	22°♄05'08	
morning max el	-4554 Dec 22 j 20:20	1°♄21'34	26°52'00	inferior conj	-4553 Nov 11 j 12:38	16°♄08'06	2°19'20
desc. node	-4554 Dec 30 j 05:43	9°♄45'12		minimum elong	-4553 Nov 11 j 09:48	16°♄17'16	2°18'18
	-4553 Jan 13 j 08:45	0°♄		min. Earth dist.	-4553 Nov 12 j 15:25	14°♄41'05	0.66201 AU
morning set	-4553 Jan 27 j 14:50	24°♄58'52		morning rise	-4553 Nov 16 j 20:47	9°♄55'30	
	-4553 Jan 30 j 04:46	0°♄		direct	-4553 Nov 22 j 23:09	7°♄15'43	
max. Earth dist.	-4553 Feb 01 j 01:39	3°♄43'43	1.34510 AU	morning max el	-4553 Dec 05 j 05:33	14°♄29'46	25°46'55
				desc. node	-4553 Dec 17 j 02:42	28°♄49'08	
superior conj	-4553 Feb 05 j 00:22	11°♄49'05	-1°16'39		-4553 Dec 17 j 23:21	0°♄	
minimum elong	-4553 Feb 05 j 03:19	12°♄04'25	1°16'25		-4552 Jan 06 j 03:35	0°♄	
evening rise	-4553 Feb 12 j 11:38	27°♄29'04		morning set	-4552 Jan 10 j 11:27	7°♄44'43	
asc. node	-4553 Feb 13 j 07:02	29°♄09'14		max. Earth dist.	-4552 Jan 14 j 08:28	15°♄00'22	1.36009 AU
	-4553 Feb 13 j 16:55	0°♄					
evening max el	-4553 Mar 04 j 10:03	29°♄27'27	21°21'41	superior conj	-4552 Jan 19 j 19:20	25°♄42'55	-1°35'26
	-4553 Mar 05 j 00:05	0°♄		minimum elong	-4552 Jan 19 j 22:18	25°♄57'55	1°35'21
retrograde	-4553 Mar 16 j 07:15	5°♄08'34			-4552 Jan 21 j 22:06	0°♄	
evening set	-4553 Mar 18 j 19:46	4°♄54'05		evening rise	-4552 Jan 27 j 17:42	11°♄54'35	
inferior conj	-4553 Mar 28 j 02:07	0°♄54'17	0°01'45	asc. node	-4552 Jan 31 j 04:05	18°♄46'21	
minimum elong	-4553 Mar 28 j 02:12	0°♄54'11	0°01'38		-4552 Feb 06 j 09:01	0°♄	
transit middle	-4553 Mar 28 j 02:12	0°♄54'11	0°01'38	evening max el	-4552 Feb 14 j 18:14	10°♄56'24	20°04'57
transit begin	-4553 Mar 27 j 22:07	0°♄59'57		retrograde	-4552 Feb 24 j 23:06	15°♄46'26	
transit end	-4553 Mar 28 j 06:17	0°♄48'25		evening set	-4552 Feb 27 j 07:11	15°♄32'21	
desc. node	-4553 Mar 28 j 04:40	0°♄50'42		inferior conj	-4552 Mar 07 j 01:13	11°♄32'23	1°52'03
min. Earth dist.	-4553 Mar 28 j 11:51	0°♄40'33	0.55192 AU	minimum elong	-4552 Mar 07 j 05:37	11°♄25'43	1°50'31
	-4553 Mar 29 j 16:48	30°♄		min. Earth dist.	-4552 Mar 09 j 01:56	10°♄18'51	0.55741 AU
morning rise	-4553 Apr 06 j 08:31	26°♄48'35		desc. node	-4552 Mar 14 j 01:50	7°♄44'14	
direct	-4553 Apr 09 j 06:49	26°♄29'42		morning rise	-4552 Mar 16 j 02:02	7°♄02'58	
	-4553 Apr 18 j 20:43	0°♄		direct	-4552 Mar 19 j 22:58	6°♄29'59	
morning max el	-4553 Apr 21 j 22:27	2°♄33'41	22°09'26	morning max el	-4552 Apr 02 j 16:13	13°♄18'34	23°47'40
	-4553 May 10 j 03:36	0°♄			-4552 Apr 15 j 11:05	0°♄	
asc. node	-4553 May 12 j 06:45	4°♄18'32		morning set	-4552 Apr 26 j 18:23	21°♄22'04	
morning set	-4553 May 13 j 06:30	6°♄21'06		asc. node	-4552 Apr 28 j 03:45	24°♄18'04	
					-4552 Apr 30 j 19:36	0°♄	
superior conj	-4553 May 20 j 13:28	21°♄43'47	1°16'10				
minimum elong	-4553 May 20 j 10:47	21°♄29'43	1°15'51	superior conj	-4552 May 03 j 20:28	6°♄32'28	0°55'53

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4552 May 03 j 18:15	6° Υ 20'31	0°55'30	max. Earth dist.	-4551 Apr 19 j 06:04	23° X 38'15	1.32918 AU
max. Earth dist.	-4552 May 05 j 20:20	10° Υ 48'17	1.33558 AU		-4551 Apr 22 j 05:00	0° Υ	
evening rise	-4552 May 11 j 08:25	22° Υ 11'48		evening rise	-4551 Apr 25 j 11:00	6° Υ 48'22	
	-4552 May 15 j 08:23	0° X			-4551 May 07 j 21:24	0° X	
	-4552 Jun 02 j 16:49	0° Π		evening max el	-4551 May 27 j 03:09	25° X 42'56	27°13'15
desc. node	-4552 Jun 10 j 00:21	9° Π 09'04		desc. node	-4551 May 27 j 21:30	26° X 26'01	
evening max el	-4552 Jun 13 j 20:04	13° Π 08'23	27°25'05		-4551 Jun 01 j 08:30	0° Π	
retrograde	-4552 Jun 27 j 12:00	20° Π 32'49		retrograde	-4551 Jun 10 j 01:10	3° Π 06'22	
evening set	-4552 Jul 04 j 15:29	17° Π 52'53		evening set	-4551 Jun 17 j 01:12	0° Π 48'28	
min. Earth dist.	-4552 Jul 08 j 06:08	14° Π 40'30	0.63613 AU		-4551 Jun 18 j 05:11	30° X	
inferior conj	-4552 Jul 10 j 20:39	11° Π 59'08	-3°46'42	min. Earth dist.	-4551 Jun 20 j 16:28	27° X 59'17	0.61789 AU
minimum elong	-4552 Jul 11 j 00:01	11° Π 50'26	3°45'52	inferior conj	-4551 Jun 23 j 19:25	25° X 07'57	-4°10'10
morning rise	-4552 Jul 17 j 09:21	6° Π 41'16		minimum elong	-4551 Jun 23 j 21:20	25° X 03'33	4°09'49
direct	-4552 Jul 20 j 01:50	6° Π 05'38		morning rise	-4551 Jun 30 j 18:55	20° X 10'24	
asc. node	-4552 Jul 25 j 03:23	8° Π 11'12		direct	-4551 Jul 03 j 08:48	19° X 41'46	
morning max el	-4552 Jul 26 j 14:35	9° Π 30'22	17°59'05	morning max el	-4551 Jul 10 j 04:42	23° X 06'49	17°59'12
	-4552 Aug 09 j 07:12	0° X		asc. node	-4551 Jul 12 j 00:25	25° X 04'56	
morning set	-4552 Aug 12 j 16:02	5° X 50'36			-4551 Jul 15 j 15:25	0° Π	
				morning set	-4551 Jul 26 j 08:48	18° Π 30'38	
superior conj	-4552 Aug 25 j 02:13	26° X 56'17	1°10'38		-4551 Aug 01 j 17:35	0° X	
minimum elong	-4552 Aug 25 j 08:08	27° X 20'38	1°10'13				
	-4552 Aug 26 j 22:59	0° Ω		superior conj	-4551 Aug 06 j 02:17	7° X 39'43	1°36'18
max. Earth dist.	-4552 Aug 30 j 22:44	6° Ω 27'28	1.43836 AU	minimum elong	-4551 Aug 06 j 06:30	7° X 57'57	1°36'13
desc. node	-4552 Sep 05 j 23:37	16° Ω 01'30		max. Earth dist.	-4551 Aug 13 j 09:56	20° X 01'04	1.42430 AU
evening rise	-4552 Sep 10 j 02:15	22° Ω 25'22			-4551 Aug 19 j 14:14	0° Ω	
	-4552 Sep 15 j 00:41	0° X		evening rise	-4551 Aug 20 j 08:57	1° Ω 14'00	
	-4552 Oct 06 j 03:06	0° X		desc. node	-4551 Aug 23 j 20:34	6° Ω 40'49	
evening max el	-4552 Oct 08 j 07:45	2° Ω 25'00	20°37'03		-4551 Sep 08 j 14:14	0° X	
retrograde	-4552 Oct 16 j 09:48	7° X 11'07		evening max el	-4551 Sep 21 j 03:59	15° X 49'32	21°49'31
evening set	-4552 Oct 20 j 05:35	5° X 47'00		retrograde	-4551 Sep 30 j 05:54	21° X 13'10	
asc. node	-4552 Oct 21 j 02:17	5° X 04'46		evening set	-4551 Oct 04 j 13:36	19° X 30'49	
	-4552 Oct 25 j 09:39	30° X		asc. node	-4551 Oct 07 j 23:25	15° X 51'33	
inferior conj	-4552 Oct 25 j 15:43	29° X 39'29	1°30'51	inferior conj	-4551 Oct 09 j 21:26	13° X 16'15	0°39'06
minimum elong	-4552 Oct 25 j 13:43	29° X 46'14	1°30'05	minimum elong	-4551 Oct 09 j 20:32	13° X 19'22	0°38'49
min. Earth dist.	-4552 Oct 26 j 06:40	28° X 48'48	0.66908 AU	min. Earth dist.	-4551 Oct 10 j 01:44	13° X 01'22	0.67302 AU
morning rise	-4552 Oct 30 j 21:41	23° X 24'07		morning rise	-4551 Oct 15 j 03:20	7° X 00'52	
direct	-4552 Nov 05 j 08:56	21° X 02'04		direct	-4551 Oct 19 j 23:25	4° X 59'43	
morning max el	-4552 Nov 16 j 14:20	27° X 43'23	24°26'25	morning max el	-4551 Oct 30 j 00:31	10° X 59'39	23°00'07
	-4552 Nov 18 j 18:04	0° X			-4551 Nov 14 j 00:57	0° X	
desc. node	-4552 Dec 02 j 23:40	18° X 27'18		desc. node	-4551 Nov 19 j 20:36	8° X 29'31	
	-4552 Dec 10 j 16:35	0° X		morning set	-4551 Dec 03 j 09:14	29° X 45'28	
morning set	-4552 Dec 22 j 11:33	19° X 25'04			-4551 Dec 03 j 12:45	0° X	
max. Earth dist.	-4552 Dec 26 j 06:40	26° X 09'36	1.37883 AU	max. Earth dist.	-4551 Dec 08 j 02:49	7° X 44'16	1.39937 AU
	-4552 Dec 28 j 09:04	0° X					
				superior conj	-4551 Dec 15 j 19:36	21° X 24'39	-1°53'39
superior conj	-4551 Jan 02 j 03:14	8° X 58'46	-1°48'42	minimum elong	-4551 Dec 15 j 19:26	21° X 23'52	1°53'50
minimum elong	-4551 Jan 02 j 05:18	9° X 08'42	1°48'49		-4551 Dec 20 j 10:17	0° X	
evening rise	-4551 Jan 10 j 17:53	25° X 56'24		evening rise	-4551 Dec 25 j 09:26	9° X 27'34	
	-4551 Jan 12 j 19:25	0° X		asc. node	-4550 Jan 03 j 22:12	26° X 43'29	
asc. node	-4551 Jan 17 j 01:08	8° X 00'21			-4550 Jan 06 j 01:37	0° X	
evening max el	-4551 Jan 27 j 12:42	23° X 00'36	19°06'33	evening max el	-4550 Jan 10 j 15:52	5° X 35'53	18°28'13
retrograde	-4551 Feb 05 j 04:44	27° X 09'15		retrograde	-4550 Jan 18 j 04:43	9° X 17'45	
evening set	-4551 Feb 07 j 14:27	26° X 51'30		evening set	-4550 Jan 20 j 17:13	8° X 54'13	
inferior conj	-4551 Feb 15 j 15:35	22° X 37'51	3°12'10	inferior conj	-4550 Jan 28 j 02:13	4° X 20'52	3°54'22
minimum elong	-4551 Feb 15 j 20:22	22° X 29'33	3°10'56	minimum elong	-4550 Jan 28 j 04:33	4° X 16'09	3°53'55
min. Earth dist.	-4551 Feb 18 j 16:57	20° X 31'38	0.57078 AU	min. Earth dist.	-4550 Jan 31 j 11:15	1° X 38'49	0.58910 AU
morning rise	-4551 Feb 23 j 23:43	17° X 38'32			-4550 Feb 02 j 18:46	30° X	
desc. node	-4551 Feb 28 j 22:59	16° X 37'15		morning rise	-4550 Feb 04 j 13:42	28° X 56'44	
direct	-4551 Mar 01 j 02:30	16° X 37'12		direct	-4550 Feb 10 j 19:09	27° X 16'38	
morning max el	-4551 Mar 15 j 07:10	23° X 54'40	25°23'23	desc. node	-4550 Feb 15 j 20:06	28° X 19'32	
	-4551 Mar 20 j 19:37	0° X			-4550 Feb 19 j 01:27	0° X	
	-4551 Apr 08 j 03:36	0° X		morning max el	-4550 Feb 25 j 01:09	4° X 49'39	26°41'24
morning set	-4551 Apr 11 j 06:36	6° X 25'07			-4550 Mar 15 j 12:27	0° X	
asc. node	-4551 Apr 15 j 00:42	14° X 26'46		morning set	-4550 Mar 26 j 17:26	21° X 24'03	
					-4550 Mar 30 j 18:11	0° X	
superior conj	-4551 Apr 18 j 06:42	21° X 31'10	0°33'11	asc. node	-4550 Apr 01 j 21:39	4° X 40'28	
minimum elong	-4551 Apr 18 j 05:17	21° X 23'28	0°32'50				

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4550 Apr 02 j 18:22	6° H 33'49	0°08'59			-4549 Mar 07 j 23:33	0° \approx	
minimum elong	-4550 Apr 02 j 17:59	6° H 31'39	0°08'47	morning set		-4549 Mar 11 j 00:59	6° \approx 10'38	
behind sun begin	-4550 Apr 02 j 13:48	6° H 08'48		max. Earth dist.		-4549 Mar 17 j 07:59	19° \approx 34'08	1.32652 AU
behind sun end	-4550 Apr 02 j 22:09	6° H 54'30						
max. Earth dist.	-4550 Apr 02 j 19:12	6° H 38'20	1.32615 AU	superior conj		-4549 Mar 18 j 05:46	21° \approx 32'53	-0°15'56
evening rise	-4550 Apr 09 j 18:40	21° H 39'48		minimum elong		-4549 Mar 18 j 06:29	21° \approx 36'48	0°15'56
	-4550 Apr 13 j 21:24	0° Y		asc. node		-4549 Mar 19 j 18:37	24° \approx 54'04	
	-4550 May 02 j 08:56	0° B				-4549 Mar 22 j 02:51	0° H	
evening max el	-4550 May 09 j 04:43	7° B 37'42	26°28'49	evening rise		-4549 Mar 25 j 05:11	6° H 37'12	
desc. node	-4550 May 14 j 18:39	12° B 06'45				-4549 Apr 06 j 14:37	0° Y	
retrograde	-4550 May 23 j 06:41	14° B 57'33		evening max el		-4549 Apr 21 j 00:21	18° Y 52'19	25°16'17
evening set	-4550 May 29 j 15:36	13° B 14'10		desc. node		-4549 May 01 j 15:48	25° Y 34'57	
min. Earth dist.	-4550 Jun 02 j 17:53	10° B 32'06	0.59766 AU	retrograde		-4549 May 05 j 02:04	26° Y 02'33	
inferior conj	-4550 Jun 06 j 03:00	7° B 50'29	-4°13'59	evening set		-4549 May 10 j 08:29	24° Y 57'50	
minimum elong	-4550 Jun 06 j 02:07	7° B 52'15	4°13'50	min. Earth dist.		-4549 May 15 j 12:49	22° Y 06'39	0.57791 AU
morning rise	-4550 Jun 13 j 14:57	3° B 14'26		inferior conj		-4549 May 18 j 15:56	19° Y 57'04	-3°48'43
direct	-4550 Jun 16 j 03:17	2° B 51'24		minimum elong		-4549 May 18 j 11:42	20° Y 04'27	3°48'01
morning max el	-4550 Jun 23 j 15:21	6° B 28'11	18°18'35	morning rise		-4549 May 26 j 17:54	15° Y 41'15	
asc. node	-4550 Jun 28 j 21:25	12° B 56'22		direct		-4549 May 29 j 05:11	15° Y 22'42	
	-4550 Jul 08 j 16:11	0° II		morning max el		-4549 Jun 06 j 19:35	19° Y 24'39	18°58'04
morning set	-4550 Jul 09 j 16:41	1° II 55'57				-4549 Jun 14 j 20:27	0° B	
				asc. node		-4549 Jun 15 j 18:23	1° B 31'56	
superior conj	-4550 Jul 19 j 03:37	19° II 39'05	1°47'57	morning set		-4549 Jun 23 j 11:30	15° B 55'53	
minimum elong	-4550 Jul 19 j 05:01	19° II 45'28	1°48'07			-4549 Jun 30 j 15:36	0° II	
	-4550 Jul 24 j 23:06	0° E						
max. Earth dist.	-4550 Jul 26 j 14:53	2° E 51'31	1.40632 AU	superior conj		-4549 Jul 02 j 00:31	2° II 38'26	1°48'21
evening rise	-4550 Jul 31 j 10:52	10° E 58'09		minimum elong		-4549 Jul 01 j 23:38	2° II 34'11	1°48'31
desc. node	-4550 Aug 10 j 17:33	27° E 12'27		max. Earth dist.		-4549 Jul 08 j 16:31	15° II 01'52	1.38690 AU
	-4550 Aug 12 j 14:00	0° O		evening rise		-4549 Jul 12 j 15:09	21° II 59'18	
evening max el	-4550 Sep 03 j 18:41	29° O 14'33	23°09'06			-4549 Jul 17 j 09:02	0° E	
	-4550 Sep 04 j 13:09	0° M		desc. node		-4549 Jul 28 j 14:34	17° E 31'40	
retrograde	-4550 Sep 13 j 23:24	5° M 17'05				-4549 Aug 06 j 11:56	0° O	
evening set	-4550 Sep 18 j 20:51	3° M 15'09		evening max el		-4549 Aug 17 j 06:10	12° O 42'44	24°29'32
	-4550 Sep 21 j 21:29	30° R 0		retrograde		-4549 Aug 28 j 13:15	19° O 19'44	
inferior conj	-4550 Sep 24 j 04:01	26° O 57'09	-0°14'06	evening set		-4549 Sep 03 j 01:38	16° O 58'33	
minimum elong	-4550 Sep 24 j 04:20	26° O 56'03	0°13'49	min. Earth dist.		-4549 Sep 07 j 17:26	11° O 35'18	0.67193 AU
transit middle	-4550 Sep 24 j 04:20	26° O 56'03	0°13'49	inferior conj		-4549 Sep 08 j 09:45	10° O 40'31	-1°07'08
transit begin	-4550 Sep 24 j 02:53	27° O 01'01		minimum elong		-4549 Sep 08 j 11:18	10° O 35'19	1°06'19
transit end	-4550 Sep 24 j 05:47	26° O 51'04		asc. node		-4549 Sep 11 j 17:39	6° O 31'02	
min. Earth dist.	-4550 Sep 23 j 22:10	27° O 17'17	0.67399 AU	morning rise		-4549 Sep 13 j 20:57	4° O 34'26	
asc. node	-4550 Sep 24 j 20:32	26° O 00'27		direct		-4549 Sep 17 j 14:54	3° O 13'39	
morning rise	-4550 Sep 29 j 11:42	20° O 44'45		morning max el		-4549 Sep 25 j 12:28	7° O 50'26	20°22'29
direct	-4550 Oct 03 j 17:48	19° O 04'40				-4549 Oct 11 j 22:52	0° M	
morning max el	-4550 Oct 12 j 15:05	24° O 20'51	21°36'39	morning set		-4549 Oct 23 j 02:18	17° M 00'06	
	-4550 Oct 17 j 13:20	0° M		desc. node		-4549 Oct 24 j 14:24	19° M 20'24	
desc. node	-4550 Nov 06 j 17:30	28° M 48'54				-4549 Oct 31 j 08:54	0° E	
	-4550 Nov 07 j 12:01	0° E		max. Earth dist.		-4549 Nov 02 j 12:36	3° E 26'47	1.43502 AU
morning set	-4550 Nov 13 j 02:38	8° E 45'15						
max. Earth dist.	-4550 Nov 20 j 03:45	20° E 08'45	1.41905 AU	superior conj		-4549 Nov 08 j 08:03	12° E 54'09	-1°24'31
	-4550 Nov 26 j 00:15	0° M		minimum elong		-4549 Nov 08 j 01:30	12° E 27'11	1°23'55
						-4549 Nov 18 j 10:47	0° M	
superior conj	-4550 Nov 27 j 14:56	2° M 46'56	-1°46'46	evening rise		-4549 Nov 21 j 00:14	4° M 26'30	
minimum elong	-4550 Nov 27 j 11:20	2° M 31'20	1°46'41			-4549 Dec 06 j 22:25	0° X	
evening rise	-4550 Dec 08 j 12:55	22° M 20'12		evening max el		-4549 Dec 08 j 13:18	1° X 47'17	18°10'49
	-4550 Dec 12 j 17:58	0° X		asc. node		-4549 Dec 08 j 16:24	1° X 55'04	
asc. node	-4550 Dec 21 j 19:18	14° X 45'40		retrograde		-4549 Dec 15 j 02:48	5° X 16'54	
evening max el	-4550 Dec 25 j 01:01	18° X 33'50	18°09'50	evening set		-4549 Dec 17 j 21:24	4° X 38'09	
retrograde	-4550 Dec 31 j 21:19	22° X 03'20				-4549 Dec 23 j 15:20	30° R 0	
evening set	-4549 Jan 03 j 12:41	21° X 32'43		inferior conj		-4549 Dec 24 j 05:45	29° M 22'19	3°51'53
inferior conj	-4549 Jan 10 j 08:02	16° X 37'48	4°04'36	minimum elong		-4549 Dec 24 j 03:24	29° M 28'29	3°51'23
minimum elong	-4549 Jan 10 j 07:34	16° X 38'54	4°04'23	min. Earth dist.		-4549 Dec 26 j 20:39	26° M 37'36	0.62799 AU
min. Earth dist.	-4549 Jan 13 j 11:35	13° X 43'25	0.60912 AU	morning rise		-4549 Dec 30 j 08:38	23° M 28'32	
morning rise	-4549 Jan 17 j 01:04	10° X 56'26		direct		-4548 Jan 06 j 10:36	20° M 47'15	
direct	-4549 Jan 23 j 22:39	8° X 39'37		morning max el		-4548 Jan 20 j 06:30	28° M 29'59	27°41'34
desc. node	-4549 Feb 02 j 17:11	12° X 35'14		desc. node		-4548 Jan 20 j 14:14	28° M 49'09	
morning max el	-4549 Feb 07 j 00:58	16° X 19'55	27°29'23			-4548 Jan 21 j 17:55	0° X	
	-4549 Feb 18 j 07:52	0° B				-4548 Feb 12 j 01:59	0° B	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning set	-4548 Feb 23 j 03:03	20° Z 37'13			-4547 Jan 16 j 15:33	0° X		
	-4548 Feb 27 j 15:46	0° \approx			-4547 Feb 03 j 11:53	0° Z		
max. Earth dist.	-4548 Feb 28 j 16:39	2° \approx 12'20	1.33053 AU	morning set	-4547 Feb 05 j 20:51	4° Z 34'36		
				max. Earth dist.	-4547 Feb 10 j 17:26	14° Z 21'19	1.33853 AU	
superior conj	-4548 Mar 01 j 15:15	6° \approx 22'30	-0°40'39	superior conj	-4547 Feb 13 j 20:58	20° Z 56'20	-1°04'10	
minimum elong	-4548 Mar 01 j 17:02	6° \approx 32'07	0°40'29	minimum elong	-4547 Feb 13 j 23:37	21° Z 10'16	1°03'56	
asc. node	-4548 Mar 05 j 15:37	15° \approx 03'29			-4547 Feb 18 j 03:10	0° \approx		
evening rise	-4548 Mar 08 j 16:47	21° \approx 33'50		asc. node	-4547 Feb 20 j 12:40	5° \approx 04'30		
	-4548 Mar 12 j 19:50	0° X		evening rise	-4547 Feb 21 j 03:43	6° \approx 23'26		
evening max el	-4548 Apr 01 j 16:32	29° X 39'59	23°46'05		-4547 Mar 05 j 23:48	0° X		
	-4548 Apr 02 j 01:00	0° Y		evening max el	-4547 Mar 14 j 10:50	10° X 26'08	22°12'15	
retrograde	-4548 Apr 15 j 08:50	6° Y 28'36		retrograde	-4547 Mar 27 j 03:53	16° X 36'31		
desc. node	-4548 Apr 17 j 12:58	6° Y 18'03		evening set	-4547 Mar 30 j 01:01	16° X 18'10		
evening set	-4548 Apr 19 j 07:38	5° Y 54'13		desc. node	-4547 Apr 04 j 10:08	14° X 19'27		
min. Earth dist.	-4548 Apr 26 j 04:05	2° Y 41'40	0.56194 AU	inferior conj	-4547 Apr 08 j 09:26	12° X 09'56	-1°05'11	
inferior conj	-4548 Apr 28 j 08:48	1° Y 21'41	-2°45'26	minimum elong	-4547 Apr 08 j 06:28	12° X 14'07	1°04'16	
minimum elong	-4548 Apr 28 j 03:03	1° Y 30'26	2°43'56	min. Earth dist.	-4547 Apr 07 j 18:08	12° X 31'33	0.55293 AU	
	-4548 Apr 30 j 15:48	30° X		morning rise	-4547 Apr 17 j 13:19	8° X 11'35		
morning rise	-4548 May 07 j 01:19	27° X 20'49		direct	-4547 Apr 20 j 04:30	7° X 55'53		
direct	-4548 May 09 j 12:29	27° X 05'16		morning max el	-4547 May 01 j 23:15	13° X 28'42	21°17'06	
	-4548 May 17 j 11:31	0° Y			-4547 May 14 j 01:58	0° Y		
morning max el	-4548 May 19 j 14:44	1° Y 46'48	19°57'59	asc. node	-4547 May 19 j 12:23	10° Y 15'25		
asc. node	-4548 Jun 01 j 15:22	20° Y 41'03		morning set	-4547 May 21 j 21:54	15° Y 07'27		
	-4548 Jun 06 j 09:42	0° Z						
morning set	-4548 Jun 06 j 14:04	0° Z 22'02		superior conj	-4547 May 29 j 09:06	0° Z 40'51	1°26'20	
superior conj	-4548 Jun 14 j 11:44	16° Z 23'00	1°40'22	minimum elong	-4547 May 29 j 06:23	0° Z 26'51	1°26'07	
minimum elong	-4548 Jun 14 j 09:30	16° Z 11'52	1°40'22		-4547 May 29 j 01:12	0° Z		
max. Earth dist.	-4548 Jun 19 j 20:22	26° Z 50'26	1.36849 AU	max. Earth dist.	-4547 Jun 02 j 07:44	8° Z 42'34	1.35280 AU	
	-4548 Jun 21 j 12:39	0° II		evening rise	-4547 Jun 06 j 18:42	17° Z 24'12		
evening rise	-4548 Jun 23 j 19:30	4° II 12'32			-4547 Jun 13 j 17:02	0° II		
	-4548 Jul 09 j 08:01	0° E		desc. node	-4547 Jul 01 j 08:41	27° II 06'06		
desc. node	-4548 Jul 14 j 11:36	7° E 32'12			-4547 Jul 03 j 14:13	0° E		
evening max el	-4548 Jul 29 j 16:49	26° E 13'15	25°43'03	evening max el	-4547 Jul 12 j 03:55	9° E 42'16	26°41'29	
	-4548 Aug 03 j 01:01	0° O		retrograde	-4547 Jul 25 j 03:09	17° E 00'38		
retrograde	-4548 Aug 10 j 22:34	3° O 16'00		evening set	-4547 Jul 31 j 19:34	14° E 13'20		
evening set	-4548 Aug 17 j 01:56	0° O 38'29		min. Earth dist.	-4547 Aug 04 j 18:47	10° E 06'03	0.65782 AU	
	-4548 Aug 17 j 18:44	30° X		inferior conj	-4547 Aug 06 j 11:24	8° E 04'17	-2°45'50	
min. Earth dist.	-4548 Aug 21 j 09:04	25° E 52'37	0.66666 AU	minimum elong	-4547 Aug 06 j 14:51	7° E 53'57	2°44'32	
inferior conj	-4548 Aug 22 j 12:52	24° E 23'33	-1°58'21	morning rise	-4547 Aug 12 j 10:26	2° E 20'28		
minimum elong	-4548 Aug 22 j 15:31	24° E 15'03	1°57'10	direct	-4547 Aug 15 j 10:35	1° E 29'44		
morning rise	-4548 Aug 28 j 05:11	18° E 27'00		asc. node	-4547 Aug 15 j 11:51	1° E 29'45		
asc. node	-4548 Aug 28 j 14:45	18° E 12'33		morning max el	-4547 Aug 22 j 03:23	5° E 12'40	18°36'00	
direct	-4548 Aug 31 j 13:06	17° E 22'49			-4547 Sep 08 j 03:01	0° O		
morning max el	-4548 Sep 07 j 17:00	21° E 28'12	19°21'29	morning set	-4547 Sep 11 j 09:46	5° O 18'14		
	-4548 Sep 14 j 12:26	0° O						
morning set	-4548 Oct 01 j 06:36	25° O 34'47		superior conj	-4547 Sep 26 j 22:03	0° O 02'21	0°02'42	
	-4548 Oct 04 j 02:26	0° O		minimum elong	-4547 Sep 26 j 22:25	0° O 03'50	0°02'46	
desc. node	-4548 Oct 10 j 11:18	9° O 59'12		behind sun begin	-4547 Sep 26 j 11:10	29° O 19'25		
max. Earth dist.	-4548 Oct 15 j 03:41	17° O 22'12	1.44508 AU	behind sun end	-4547 Sep 27 j 09:41	0° O 48'13		
					-4547 Sep 26 j 21:27	0° O		
superior conj	-4548 Oct 17 j 22:21	21° O 46'43	-0°46'00	desc. node	-4547 Sep 27 j 08:15	0° O 42'33		
minimum elong	-4548 Oct 17 j 16:53	21° O 24'59	0°45'17	max. Earth dist.	-4547 Sep 27 j 21:33	1° O 34'59	1.44810 AU	
	-4548 Oct 23 j 01:32	0° U		evening rise	-4547 Oct 13 j 04:06	25° O 41'23		
evening rise	-4548 Nov 01 j 14:31	15° U 35'58			-4547 Oct 15 j 21:18	0° U		
	-4548 Nov 10 j 07:58	0° U		greatest brilliancy	-4547 Oct 21 j 10:16	8° U 46'05	-0.8m	
evening max el	-4548 Nov 21 j 01:51	15° U 09'00	18°30'26	evening max el	-4547 Nov 04 j 12:10	28° U 34'48	19°07'30	
asc. node	-4548 Nov 24 j 13:33	17° U 56'32			-4547 Nov 05 j 23:51	0° U		
retrograde	-4548 Nov 27 j 16:51	18° U 49'23		retrograde	-4547 Nov 11 j 11:52	2° U 34'50		
evening set	-4548 Nov 30 j 15:54	18° U 00'59		asc. node	-4547 Nov 11 j 10:42	2° U 34'49		
inferior conj	-4548 Dec 06 j 15:34	12° U 26'35	3°23'36	evening set	-4547 Nov 14 j 17:10	1° U 34'45		
minimum elong	-4548 Dec 06 j 12:25	12° U 35'45	3°22'45		-4547 Nov 16 j 17:06	30° X		
min. Earth dist.	-4548 Dec 08 j 15:47	10° U 06'34	0.64396 AU	inferior conj	-4547 Nov 20 j 10:12	25° U 44'56	2°44'54	
morning rise	-4548 Dec 12 j 08:30	6° U 23'20		minimum elong	-4547 Nov 20 j 07:05	25° U 54'44	2°43'52	
direct	-4548 Dec 19 j 05:29	3° U 32'41		min. Earth dist.	-4547 Nov 21 j 20:24	23° U 57'28	0.65642 AU	
morning max el	-4547 Jan 01 j 15:31	11° U 12'40	27°18'50	morning rise	-4547 Nov 25 j 20:42	19° U 34'46		
desc. node	-4547 Jan 06 j 11:16	16° U 27'38		direct	-4547 Dec 02 j 06:47	16° U 48'03		

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning max el	-4547 Dec 15 j 01:24	24° $\underline{\mathbf{a}}$ 15'58	26°26'47	direct	-4546 Nov 15 j 13:49	0° $\underline{\mathbf{a}}$ 25'25	
	-4547 Dec 20 j 06:28	0° \mathbf{m}		morning max el	-4546 Nov 27 j 10:23	7° $\underline{\mathbf{a}}$ 27'47	25°13'54
desc. node	-4547 Dec 24 j 08:16	5° \mathbf{m} 05'55		desc. node	-4546 Dec 11 j 05:14	24° $\underline{\mathbf{a}}$ 26'15	
	-4546 Jan 10 j 00:49	0° \mathbf{x}			-4546 Dec 15 j 02:18	0° \mathbf{m}	
morning set	-4546 Jan 20 j 02:37	17° \mathbf{x} 51'09		morning set	-4545 Jan 02 j 15:20	0° \mathbf{x} 12'04	
max. Earth dist.	-4546 Jan 24 j 07:05	25° \mathbf{x} 55'16	1.35092 AU		-4545 Jan 02 j 12:39	0° \mathbf{x}	
	-4546 Jan 26 j 08:13	0° \mathbf{z}		max. Earth dist.	-4545 Jan 06 j 09:17	7° \mathbf{x} 03'52	1.36762 AU
superior conj	-4546 Jan 28 j 20:39	5° \mathbf{z} 07'15	-1°25'09	superior conj	-4545 Jan 12 j 11:24	18° \mathbf{x} 46'47	-1°41'54
minimum elong	-4546 Jan 28 j 23:43	5° \mathbf{z} 22'57	1°24'59	minimum elong	-4545 Jan 12 j 14:08	19° \mathbf{x} 00'18	1°41'54
evening rise	-4546 Feb 05 j 12:09	20° \mathbf{z} 59'39			-4545 Jan 18 j 01:29	0° \mathbf{z}	
asc. node	-4546 Feb 07 j 09:43	24° \mathbf{z} 52'05		evening rise	-4545 Jan 20 j 16:01	5° \mathbf{z} 16'14	
	-4546 Feb 10 j 00:02	0° \approx		asc. node	-4545 Jan 25 j 06:46	14° \mathbf{z} 20'38	
evening max el	-4546 Feb 24 j 13:02	21° \approx 35'33	20°47'00		-4545 Feb 04 j 00:30	0° \approx	
retrograde	-4546 Mar 07 j 17:45	26° \approx 55'10		evening max el	-4545 Feb 07 j 01:48	3° \approx 20'37	19°37'48
evening set	-4546 Mar 10 j 02:52	26° \approx 41'40		retrograde	-4545 Feb 16 j 14:13	7° \approx 51'12	
inferior conj	-4546 Mar 19 j 04:59	22° \approx 43'39	0°50'57	evening set	-4545 Feb 18 j 22:29	7° \approx 36'02	
minimum elong	-4546 Mar 19 j 07:15	22° \approx 40'22	0°50'01	inferior conj	-4545 Feb 27 j 09:33	3° \approx 31'51	2°30'36
min. Earth dist.	-4546 Mar 20 j 08:23	22° \approx 04'10	0.55304 AU	minimum elong	-4545 Feb 27 j 14:37	3° \approx 23'46	2°29'01
desc. node	-4546 Mar 22 j 07:19	20° \approx 58'35		min. Earth dist.	-4545 Mar 01 j 23:04	1° \approx 54'10	0.56223 AU
morning rise	-4546 Mar 28 j 10:36	18° \approx 29'18			-4545 Mar 05 j 07:46	30° \mathbf{R} \mathbf{z}	
direct	-4546 Mar 31 j 16:43	18° \approx 06'13		morning rise	-4545 Mar 08 j 04:12	28° \mathbf{z} 49'20	
morning max el	-4546 Apr 13 j 21:35	24° \approx 31'17	22°50'48	desc. node	-4545 Mar 09 j 04:28	28° \mathbf{z} 31'50	
	-4546 Apr 18 j 21:02	0° \mathbf{H}		direct	-4545 Mar 12 j 13:36	28° \mathbf{z} 05'51	
morning set	-4546 May 06 j 08:48	0° \mathbf{Y} 04'24			-4545 Mar 19 j 15:58	0° \approx	
asc. node	-4546 May 06 j 09:22	0° \mathbf{Y} 07'24		morning max el	-4545 Mar 26 j 13:23	5° \approx 09'34	24°29'31
	-4546 May 06 j 07:57	0° \mathbf{Y}			-4545 Apr 13 j 05:09	0° \mathbf{H}	
superior conj	-4546 May 13 j 13:18	15° \mathbf{Y} 20'47	1°07'57	morning set	-4545 Apr 20 j 21:00	15° \mathbf{H} 06'52	
minimum elong	-4546 May 13 j 10:46	15° \mathbf{Y} 07'18	1°07'35	asc. node	-4545 Apr 23 j 06:22	20° \mathbf{H} 11'35	
max. Earth dist.	-4546 May 16 j 04:53	20° \mathbf{Y} 55'29	1.34074 AU	superior conj	-4545 Apr 27 j 21:54	0° \mathbf{Y} 14'42	0°46'31
	-4546 May 20 j 15:43	0° \mathbf{B}		minimum elong	-4545 Apr 27 j 20:00	0° \mathbf{Y} 04'21	0°46'08
evening rise	-4546 May 21 j 07:35	1° \mathbf{B} 18'28			-4545 Apr 27 j 19:11	0° \mathbf{Y}	
	-4546 Jun 06 j 15:48	0° \mathbf{II}		max. Earth dist.	-4545 Apr 29 j 10:47	3° \mathbf{Y} 33'30	1.33241 AU
desc. node	-4546 Jun 18 j 05:48	16° \mathbf{II} 00'56		evening rise	-4545 May 05 j 06:05	15° \mathbf{Y} 42'52	
evening max el	-4546 Jun 24 j 15:01	22° \mathbf{II} 59'45	27°17'19		-4545 May 12 j 16:28	0° \mathbf{B}	
	-4546 Jul 05 j 05:37	0° \mathbf{z}			-4545 Jun 01 j 13:01	0° \mathbf{II}	
retrograde	-4546 Jul 08 j 02:26	0° \mathbf{z} 24'35		desc. node	-4545 Jun 05 j 02:56	4° \mathbf{II} 00'02	
	-4546 Jul 10 j 20:22	30° \mathbf{R} \mathbf{II}		evening max el	-4545 Jun 07 j 00:26	5° \mathbf{II} 53'59	27°24'08
evening set	-4546 Jul 15 j 03:40	27° \mathbf{II} 38'04		retrograde	-4545 Jun 20 j 19:39	13° \mathbf{II} 18'38	
min. Earth dist.	-4546 Jul 18 j 20:30	24° \mathbf{II} 07'21	0.64510 AU	evening set	-4545 Jun 27 j 22:42	10° \mathbf{II} 46'33	
inferior conj	-4546 Jul 21 j 03:01	21° \mathbf{II} 37'42	-3°27'07	min. Earth dist.	-4545 Jul 01 j 12:45	7° \mathbf{II} 45'22	0.62868 AU
minimum elong	-4546 Jul 21 j 06:40	21° \mathbf{II} 27'40	3°26'02	inferior conj	-4545 Jul 04 j 08:52	4° \mathbf{II} 57'46	-3°58'36
morning rise	-4546 Jul 27 j 10:18	16° \mathbf{II} 09'32		minimum elong	-4545 Jul 04 j 11:47	4° \mathbf{II} 50'35	3°57'59
direct	-4546 Jul 30 j 04:51	15° \mathbf{II} 29'16			-4545 Jul 10 j 15:01	30° \mathbf{R} \mathbf{B}	
asc. node	-4546 Aug 02 j 08:56	16° \mathbf{II} 21'21		morning rise	-4545 Jul 11 j 01:57	29° \mathbf{B} 48'05	
morning max el	-4546 Aug 05 j 17:16	18° \mathbf{II} 58'25	18°07'25	direct	-4545 Jul 13 j 17:03	29° \mathbf{B} 15'43	
	-4546 Aug 13 j 20:45	0° \mathbf{z}			-4545 Jul 16 j 18:01	0° \mathbf{II}	
morning set	-4546 Aug 23 j 16:08	16° \mathbf{z} 19'33		asc. node	-4545 Jul 20 j 05:59	2° \mathbf{II} 34'49	
	-4546 Aug 31 j 20:39	0° \mathbf{Q}		morning max el	-4545 Jul 20 j 07:59	2° \mathbf{II} 39'44	17°56'47
superior conj	-4546 Sep 06 j 05:39	8° \mathbf{Q} 45'10	0°49'06	morning set	-4545 Aug 05 j 21:56	28° \mathbf{II} 27'56	
minimum elong	-4546 Sep 06 j 10:54	9° \mathbf{Q} 06'19	0°48'39		-4545 Aug 06 j 18:44	0° \mathbf{z}	
max. Earth dist.	-4546 Sep 10 j 14:43	15° \mathbf{Q} 45'19	1.44385 AU	superior conj	-4545 Aug 17 j 13:35	18° \mathbf{z} 40'26	1°23'22
desc. node	-4546 Sep 14 j 05:09	21° \mathbf{Q} 26'48		minimum elong	-4545 Aug 17 j 19:06	19° \mathbf{z} 03'35	1°23'03
	-4546 Sep 19 j 16:25	0° \mathbf{np}		max. Earth dist.	-4545 Aug 24 j 04:40	29° \mathbf{z} 36'47	1.43301 AU
evening rise	-4546 Sep 22 j 18:25	4° \mathbf{np} 47'09			-4545 Aug 24 j 10:24	0° \mathbf{Q}	
greatest brilliancy	-4546 Oct 06 j 03:50	25° \mathbf{np} 14'30	-0.7m	desc. node	-4545 Sep 01 j 02:05	12° \mathbf{Q} 09'03	
	-4546 Oct 09 j 09:37	0° $\underline{\mathbf{a}}$		evening rise	-4545 Sep 01 j 22:01	13° \mathbf{Q} 26'42	
evening max el	-4546 Oct 18 j 18:03	12° $\underline{\mathbf{a}}$ 01'40	20°00'25		-4545 Sep 12 j 19:09	0° \mathbf{np}	
retrograde	-4546 Oct 26 j 08:54	16° $\underline{\mathbf{a}}$ 29'08		evening max el	-4545 Oct 01 j 18:02	25° \mathbf{np} 27'46	21°06'45
asc. node	-4546 Oct 29 j 07:49	15° $\underline{\mathbf{a}}$ 38'21			-4545 Oct 07 j 20:00	0° $\underline{\mathbf{a}}$	
evening set	-4546 Oct 29 j 22:41	15° $\underline{\mathbf{a}}$ 14'44		retrograde	-4545 Oct 10 j 05:44	0° $\underline{\mathbf{a}}$ 29'07	
inferior conj	-4546 Nov 04 j 10:52	9° $\underline{\mathbf{a}}$ 12'51	1°59'17		-4545 Oct 12 j 12:39	30° \mathbf{R} \mathbf{np}	
minimum elong	-4546 Nov 04 j 08:21	9° $\underline{\mathbf{a}}$ 21'12	1°58'21	evening set	-4545 Oct 14 j 06:18	28° \mathbf{np} 57'41	
min. Earth dist.	-4546 Nov 05 j 08:31	8° $\underline{\mathbf{a}}$ 01'02	0.66540 AU	asc. node	-4545 Oct 16 j 04:57	27° \mathbf{np} 08'40	
morning rise	-4546 Nov 09 j 17:48	2° $\underline{\mathbf{a}}$ 58'30		inferior conj	-4545 Oct 19 j 15:17	22° \mathbf{np} 47'01	1°09'12

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4545 Oct 19 j 13:44	22° \mathbb{M} 52'19	1°08'37	morning rise	-4544 Oct 08 j 04:03	0° \mathbb{M} 11'49	
min. Earth dist.	-4545 Oct 20 j 01:42	22° \mathbb{M} 11'22	0.67116 AU		-4544 Oct 08 j 09:55	30° \mathbb{R} \mathcal{Q}	
morning rise	-4545 Oct 24 j 20:59	16° \mathbb{M} 31'16		direct	-4544 Oct 12 j 18:05	28° \mathcal{Q} 19'40	
direct	-4545 Oct 30 j 01:50	14° \mathbb{M} 17'37			-4544 Oct 17 j 13:32	0° \mathbb{M}	
morning max el	-4545 Nov 09 j 19:10	20° \mathbb{M} 41'52	23°49'47	morning max el	-4544 Oct 22 j 06:49	4° \mathbb{M} 00'07	22°23'53
	-4545 Nov 17 j 18:37	0° \mathcal{Q}			-4544 Nov 10 j 23:49	0° \mathcal{Q}	
desc. node	-4545 Nov 28 j 02:08	14° \mathcal{Q} 15'50		desc. node	-4544 Nov 13 j 23:03	4° \mathcal{Q} 26'33	
	-4545 Dec 08 j 08:18	0° \mathbb{M}		morning set	-4544 Nov 24 j 14:07	21° \mathcal{Q} 04'26	
morning set	-4545 Dec 15 j 04:47	11° \mathbb{M} 19'46			-4544 Nov 29 j 23:44	0° \mathbb{M}	
max. Earth dist.	-4545 Dec 19 j 05:18	18° \mathbb{M} 18'42	1.38752 AU	max. Earth dist.	-4544 Nov 30 j 03:25	0° \mathbb{M} 15'32	1.40814 AU
	-4545 Dec 25 j 15:19	0° \mathcal{X}					
superior conj	-4545 Dec 26 j 13:19	1° \mathcal{X} 43'21	-1°52'02	superior conj	-4544 Dec 07 j 21:29	13° \mathbb{M} 44'26	-1°52'25
minimum elong	-4545 Dec 26 j 14:36	1° \mathcal{X} 49'25	1°52'11	minimum elong	-4544 Dec 07 j 19:57	13° \mathbb{M} 37'36	1°52'31
evening rise	-4544 Jan 04 j 12:51	19° \mathcal{X} 05'46		evening rise	-4544 Dec 16 j 17:29	0° \mathcal{X}	
	-4544 Jan 10 j 06:16	0° \mathcal{Z}		asc. node	-4544 Dec 29 j 00:52	21° \mathcal{X} 49'33	
asc. node	-4544 Jan 12 j 03:49	3° \mathcal{Z} 22'35		evening max el	-4543 Jan 03 j 06:21	28° \mathcal{X} 25'02	18°17'52
evening max el	-4544 Jan 21 j 00:20	15° \mathcal{Z} 39'17	18°47'48		-4543 Jan 05 j 02:26	0° \mathcal{Z}	
retrograde	-4544 Jan 29 j 03:11	19° \mathcal{Z} 34'12		retrograde	-4543 Jan 10 j 10:45	1° \mathcal{Z} 59'57	
evening set	-4544 Jan 31 j 14:16	19° \mathcal{Z} 14'02		evening set	-4543 Jan 13 j 00:34	1° \mathcal{Z} 33'24	
inferior conj	-4544 Feb 08 j 08:18	14° \mathcal{Z} 52'34	3°34'28		-4543 Jan 16 j 02:23	30° \mathbb{R} \mathcal{X}	
minimum elong	-4544 Feb 08 j 12:13	14° \mathcal{Z} 45'19	3°33'37	inferior conj	-4543 Jan 20 j 03:23	26° \mathcal{X} 50'32	4°02'03
min. Earth dist.	-4544 Feb 11 j 15:00	12° \mathcal{Z} 28'33	0.57823 AU	minimum elong	-4543 Jan 20 j 04:27	26° \mathcal{X} 48'13	4°01'47
morning rise	-4544 Feb 16 j 07:44	9° \mathcal{Z} 42'06		min. Earth dist.	-4543 Jan 23 j 11:09	24° \mathcal{X} 00'37	0.59769 AU
direct	-4544 Feb 21 j 23:07	8° \mathcal{Z} 24'43		morning rise	-4543 Jan 27 j 06:35	21° \mathcal{X} 18'23	
desc. node	-4544 Feb 24 j 01:35	8° \mathcal{Z} 35'29		direct	-4543 Feb 02 j 20:20	19° \mathcal{X} 22'04	
morning max el	-4544 Mar 07 j 04:46	15° \mathcal{Z} 49'37	25°59'29	desc. node	-4543 Feb 09 j 22:40	21° \mathcal{X} 26'45	
	-4544 Mar 18 j 16:09	0° \approx		morning max el	-4543 Feb 17 j 01:03	26° \mathcal{X} 57'57	27°06'01
morning set	-4544 Apr 04 j 08:48	0° \mathcal{X} 08'32			-4543 Feb 19 j 22:57	0° \mathcal{Z}	
	-4544 Apr 04 j 07:10	0° \mathcal{X}			-4543 Mar 12 j 02:29	0° \approx	
asc. node	-4544 Apr 09 j 03:20	10° \mathcal{X} 22'51		morning set	-4543 Mar 19 j 18:28	15° \approx 02'53	
superior conj	-4544 Apr 11 j 08:55	15° \mathcal{X} 15'30	0°23'03	superior conj	-4543 Mar 26 j 20:39	0° \mathcal{X} 16'54	-0°01'36
minimum elong	-4544 Apr 11 j 07:55	15° \mathcal{X} 10'02	0°22'46	minimum elong	-4543 Mar 26 j 20:44	0° \mathcal{X} 17'19	0°01'42
max. Earth dist.	-4544 Apr 11 j 22:27	16° \mathcal{X} 29'21	1.32752 AU	behind sun begin	-4543 Mar 26 j 15:45	29° \approx 50'04	
evening rise	-4544 Apr 18 j 11:07	0° \mathcal{Y} 26'46		behind sun end	-4543 Mar 27 j 01:43	0° \mathcal{X} 44'35	
	-4544 Apr 18 j 05:57	0° \mathcal{Y}		max. Earth dist.	-4543 Mar 26 j 12:04	29° \approx 29'56	1.32594 AU
	-4544 May 04 j 19:13	0° \mathcal{Z}			-4543 Mar 26 j 17:34	0° \mathcal{X}	
evening max el	-4544 May 19 j 05:39	18° \mathcal{Z} 13'08	26°58'19	asc. node	-4543 Mar 27 j 00:18	0° \mathcal{X} 36'50	
desc. node	-4544 May 22 j 00:05	20° \mathcal{Z} 40'09		evening rise	-4543 Apr 02 j 20:14	15° \mathcal{X} 21'25	
retrograde	-4544 Jun 02 j 05:33	25° \mathcal{Z} 34'34			-4543 Apr 10 j 05:50	0° \mathcal{Y}	
evening set	-4544 Jun 09 j 00:36	23° \mathcal{Z} 30'31		evening max el	-4543 May 01 j 04:33	29° \mathcal{Y} 49'36	26°00'52
min. Earth dist.	-4544 Jun 12 j 19:09	20° \mathcal{Z} 46'18	0.60940 AU		-4543 May 01 j 08:55	0° \mathcal{Z}	
inferior conj	-4544 Jun 16 j 01:39	17° \mathcal{Z} 56'48	-4°14'44	desc. node	-4543 May 08 j 21:15	5° \mathcal{Z} 29'09	
minimum elong	-4544 Jun 16 j 02:32	17° \mathcal{Z} 54'53	4°14'33	retrograde	-4543 May 15 j 06:40	7° \mathcal{Z} 05'58	
morning rise	-4544 Jun 23 j 06:11	13° \mathcal{Z} 07'59		evening set	-4543 May 21 j 05:48	5° \mathcal{Z} 39'04	
direct	-4544 Jun 25 j 19:23	12° \mathcal{Z} 41'45		min. Earth dist.	-4543 May 25 j 17:09	2° \mathcal{Z} 55'14	0.58902 AU
morning max el	-4544 Jul 02 j 20:54	16° \mathcal{Z} 10'22	18°05'02	inferior conj	-4543 May 29 j 01:37	0° \mathcal{Z} 24'43	-4°07'26
asc. node	-4544 Jul 06 j 03:00	19° \mathcal{Z} 54'45		minimum elong	-4543 May 28 j 23:17	0° \mathcal{Z} 29'08	4°07'09
	-4544 Jul 12 j 13:56	0° \mathbb{I}			-4543 May 29 j 14:48	30° \mathbb{R} \mathcal{Y}	
morning set	-4544 Jul 18 j 21:44	11° \mathbb{I} 29'09		morning rise	-4543 Jun 05 j 19:22	25° \mathcal{Y} 57'47	
superior conj	-4544 Jul 29 j 00:58	29° \mathbb{I} 57'45	1°42'49	direct	-4543 Jun 08 j 07:25	25° \mathcal{Y} 36'40	
minimum elong	-4544 Jul 29 j 04:00	0° \mathcal{Q} 11'09	1°42'52	morning max el	-4543 Jun 16 j 05:08	29° \mathcal{Y} 21'57	18°32'58
	-4544 Jul 29 j 01:29	0° \mathcal{Q}			-4543 Jun 16 j 20:39	0° \mathcal{Z}	
max. Earth dist.	-4544 Aug 05 j 13:39	12° \mathcal{Q} 55'06	1.41701 AU	asc. node	-4543 Jun 23 j 00:00	8° \mathcal{Z} 06'12	
evening rise	-4544 Aug 11 j 11:16	22° \mathcal{Q} 34'47		morning set	-4543 Jul 02 j 10:42	25° \mathcal{Z} 10'15	
	-4544 Aug 16 j 04:05	0° \mathcal{Q}			-4543 Jul 04 j 22:46	0° \mathbb{I}	
desc. node	-4544 Aug 17 j 23:03	2° \mathcal{Q} 46'02		superior conj	-4543 Jul 11 j 11:21	12° \mathbb{I} 24'37	1°49'19
	-4544 Sep 05 j 22:24	0° \mathbb{M}		minimum elong	-4543 Jul 11 j 11:40	12° \mathbb{I} 26'06	1°49'32
evening max el	-4544 Sep 13 j 11:53	8° \mathbb{M} 53'19	22°22'50	max. Earth dist.	-4543 Jul 18 j 17:05	25° \mathbb{I} 28'53	1.39805 AU
retrograde	-4544 Sep 23 j 00:46	14° \mathbb{M} 32'57			-4543 Jul 21 j 07:54	0° \mathcal{Q}	
evening set	-4544 Sep 27 j 14:13	12° \mathbb{M} 42'16		evening rise	-4543 Jul 23 j 00:10	2° \mathcal{Q} 50'20	
asc. node	-4544 Oct 02 j 02:03	7° \mathbb{M} 33'17		desc. node	-4543 Aug 04 j 20:04	23° \mathcal{Q} 13'07	
inferior conj	-4544 Oct 02 j 21:35	6° \mathbb{M} 26'04	0°16'40		-4543 Aug 09 j 10:41	0° \mathcal{Q}	
minimum elong	-4544 Oct 02 j 21:11	6° \mathbb{M} 27'25	0°16'36	evening max el	-4543 Aug 27 j 00:48	22° \mathcal{Q} 18'55	23°43'35
min. Earth dist.	-4544 Oct 02 j 21:33	6° \mathbb{M} 26'11	0.67385 AU	retrograde	-4543 Sep 06 j 16:49	28° \mathcal{Q} 36'57	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4543 Sep 11 j 20:39	26°Ω26'21		inferior conj	-4542 Sep 01 j 08:51	3°Ω51'10	-1°29'12
min. Earth dist.	-4543 Sep 16 j 17:41	20°Ω43'06	0.67350 AU	minimum elong	-4542 Sep 01 j 10:54	3°Ω44'25	1°28'12
inferior conj	-4543 Sep 17 j 04:00	20°Ω07'53	-0°36'41		-4542 Sep 04 j 11:36	30°℞☿	
minimum elong	-4543 Sep 17 j 04:51	20°Ω04'59	0°36'11	asc. node	-4542 Sep 05 j 20:18	28°☿39'16	
asc. node	-4543 Sep 18 j 23:09	17°Ω43'46		morning rise	-4542 Sep 06 j 22:02	27°☿48'45	
morning rise	-4543 Sep 22 j 13:00	13°Ω58'02		direct	-4542 Sep 10 j 11:20	26°☿35'36	
direct	-4543 Sep 26 j 13:38	12°Ω26'38			-4542 Sep 17 j 00:58	0°Ω	
morning max el	-4543 Oct 05 j 00:14	17°Ω25'05	21°03'47	morning max el	-4542 Sep 18 j 00:48	0°Ω58'22	19°54'44
	-4543 Oct 15 j 01:46	0°℞			-4542 Oct 08 j 17:49	0°℞	
desc. node	-4543 Oct 31 j 19:58	24°℞51'44		morning set	-4542 Oct 13 j 20:29	7°℞53'29	
morning set	-4543 Nov 03 j 21:52	29°℞38'49		desc. node	-4542 Oct 18 j 16:52	15°℞26'37	
	-4543 Nov 04 j 03:17	0°Ω		max. Earth dist.	-4542 Oct 25 j 19:20	26°℞39'11	1.44003 AU
max. Earth dist.	-4543 Nov 12 j 08:01	13°Ω05'03	1.42645 AU		-4542 Oct 27 j 21:33	0°Ω	
superior conj	-4543 Nov 19 j 06:10	24°Ω35'40	-1°39'21	superior conj	-4542 Oct 30 j 11:19	4°Ω08'58	-1°09'59
minimum elong	-4543 Nov 19 j 01:04	24°Ω14'05	1°39'04	minimum elong	-4542 Oct 30 j 04:33	3°Ω41'33	1°09'16
	-4543 Nov 22 j 09:53	0°℞		evening rise	-4542 Nov 12 j 23:54	26°Ω39'36	
evening rise	-4543 Nov 30 j 20:56	14°℞56'25			-4542 Nov 14 j 22:54	0°℞	
	-4543 Dec 09 j 10:39	0°♂		evening max el	-4542 Dec 01 j 05:51	24°℞48'02	18°16'59
asc. node	-4543 Dec 15 j 21:57	9°♂31'04		asc. node	-4542 Dec 02 j 19:04	26°℞13'36	
evening max el	-4543 Dec 17 j 17:07	11°♂30'21	18°07'51	retrograde	-4542 Dec 07 j 19:12	28°℞21'14	
retrograde	-4543 Dec 24 j 09:37	14°♂58'54		evening set	-4542 Dec 10 j 15:25	27°℞38'45	
evening set	-4543 Dec 27 j 02:09	14°♂25'05		inferior conj	-4542 Dec 16 j 19:50	22°℞14'57	3°41'27
inferior conj	-4542 Jan 02 j 16:29	9°♂20'52	4°01'33	minimum elong	-4542 Dec 16 j 17:01	22°℞22'41	3°40'48
minimum elong	-4542 Jan 02 j 15:05	9°♂24'19	4°01'14	min. Earth dist.	-4542 Dec 19 j 04:39	19°℞38'58	0.63514 AU
min. Earth dist.	-4542 Jan 05 j 15:05	6°♂28'14	0.61738 AU	morning rise	-4542 Dec 22 j 17:58	16°℞16'37	
morning rise	-4542 Jan 09 j 02:55	3°♂33'27		direct	-4542 Dec 29 j 18:45	13°℞29'12	
direct	-4542 Jan 16 j 03:28	1°♂04'35		morning max el	-4541 Jan 12 j 11:13	21°℞12'38	27°35'54
desc. node	-4542 Jan 27 j 19:44	6°♂37'39		desc. node	-4541 Jan 14 j 16:47	23°℞31'13	
morning max el	-4542 Jan 30 j 03:48	8°♂46'53	27°39'06		-4541 Jan 20 j 04:18	0°♂	
	-4542 Feb 15 j 13:20	0°♂			-4541 Feb 08 j 14:14	0°♂	
morning set	-4542 Mar 04 j 00:03	29°♂42'55		morning set	-4541 Feb 15 j 23:02	13°♂58'49	
	-4542 Mar 04 j 03:24	0°≈		max. Earth dist.	-4541 Feb 21 j 05:22	24°♂47'38	1.33337 AU
max. Earth dist.	-4542 Mar 09 j 23:44	12°≈21'04	1.32774 AU				
superior conj	-4542 Mar 11 j 07:30	15°≈13'18	-0°26'31	superior conj	-4541 Feb 23 j 15:39	29°♂57'23	-0°50'51
minimum elong	-4542 Mar 11 j 08:41	15°≈19'43	0°26'25	minimum elong	-4541 Feb 23 j 17:50	0°≈09'03	0°50'38
asc. node	-4542 Mar 13 j 21:17	20°≈49'35			-4541 Feb 23 j 16:08	0°≈	
evening rise	-4542 Mar 18 j 07:29	0°♂19'49		asc. node	-4541 Feb 28 j 18:18	10°≈56'04	
	-4542 Mar 18 j 03:43	0°♂		evening rise	-4541 Mar 02 j 19:00	15°≈14'13	
	-4542 Apr 03 j 20:44	0°♀			-4541 Mar 10 j 06:10	0°♂	
evening max el	-4542 Apr 12 j 21:59	10°♀50'01	24°39'13	evening max el	-4541 Mar 25 j 14:19	21°♂33'59	23°05'51
desc. node	-4542 Apr 25 j 18:24	17°♀50'55		retrograde	-4541 Apr 07 j 23:05	28°♂08'41	
retrograde	-4542 Apr 26 j 21:16	17°♀53'50		evening set	-4541 Apr 11 j 09:13	27°♂43'04	
evening set	-4542 May 01 j 14:20	17°♀03'24		desc. node	-4541 Apr 12 j 15:35	27°♂21'19	
min. Earth dist.	-4542 May 07 j 10:05	14°♀04'29	0.57042 AU	min. Earth dist.	-4541 Apr 19 j 00:59	24°♂17'35	0.55707 AU
inferior conj	-4542 May 10 j 06:01	12°♀13'59	-3°26'53	inferior conj	-4541 Apr 20 j 15:07	23°♂21'51	-2°06'44
minimum elong	-4542 May 10 j 00:43	12°♀22'39	3°25'46	minimum elong	-4541 Apr 20 j 10:00	23°♂29'21	2°05'13
morning rise	-4542 May 18 j 14:18	8°♀05'58		morning rise	-4541 Apr 29 j 13:11	19°♂23'44	
direct	-4542 May 21 j 01:13	7°♀49'03		direct	-4541 May 02 j 00:55	19°♂08'47	
morning max el	-4542 May 30 j 05:57	12°♀05'52	19°21'08	morning max el	-4541 May 12 j 20:47	24°♂11'46	20°29'24
asc. node	-4542 Jun 09 j 21:03	26°♀57'33			-4541 May 17 j 23:08	0°♀	
	-4542 Jun 11 j 13:03	0°♂		asc. node	-4541 May 27 j 18:04	16°♀18'16	
morning set	-4542 Jun 16 j 09:11	9°♂22'24		morning set	-4541 May 31 j 14:15	23°♀57'14	
					-4541 Jun 03 j 12:54	0°♂	
superior conj	-4542 Jun 24 j 15:00	25°♂45'26	1°45'50	superior conj	-4541 Jun 08 j 06:58	9°♂45'21	1°35'03
minimum elong	-4542 Jun 24 j 13:25	25°♂37'45	1°45'57	minimum elong	-4541 Jun 08 j 04:27	9°♂32'31	1°34'57
	-4542 Jun 26 j 19:40	0°♂		max. Earth dist.	-4541 Jun 13 j 00:41	19°♂10'44	1.36142 AU
max. Earth dist.	-4542 Jun 30 j 18:31	7°♂25'23	1.37877 AU	evening rise	-4541 Jun 17 j 04:20	27°♂03'45	
evening rise	-4542 Jul 04 j 15:16	14°♂23'38			-4541 Jun 18 j 18:45	0°♂	
	-4542 Jul 13 j 22:00	0°☿			-4541 Jul 07 j 06:36	0°☿	
desc. node	-4542 Jul 22 j 17:05	13°☿25'13		desc. node	-4541 Jul 09 j 14:10	3°☿15'27	
	-4542 Aug 04 j 04:18	0°Ω		evening max el	-4541 Jul 22 j 22:17	19°☿18'12	26°10'18
evening max el	-4542 Aug 09 j 11:28	5°Ω47'24	25°02'04	retrograde	-4541 Aug 04 j 12:30	26°☿29'15	
retrograde	-4542 Aug 21 j 04:59	12°Ω37'24		evening set	-4541 Aug 10 j 21:35	23°☿46'46	
evening set	-4542 Aug 26 j 23:48	10°Ω08'33		min. Earth dist.	-4541 Aug 15 j 01:18	19°☿17'00	0.66329 AU
min. Earth dist.	-4542 Aug 31 j 11:44	5°Ω00'54	0.67007 AU	inferior conj	-4541 Aug 16 j 10:18	17°☿33'48	-2°19'07

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4541 Aug 16 j 13:20	17° Ω 24'18	2°17'50	evening max el	-4540 Jul 04 j 09:45	2° Ω 44'07	27°00'01
morning rise	-4541 Aug 22 j 05:16	11° Ω 42'01		retrograde	-4540 Jul 17 j 14:42	10° Ω 05'26	
asc. node	-4541 Aug 23 j 17:26	10° Ω 59'59		evening set	-4540 Jul 24 j 11:29	7° Ω 17'21	
direct	-4541 Aug 25 j 09:33	10° Ω 43'57		min. Earth dist.	-4540 Jul 28 j 07:52	3° Ω 25'55	0.65287 AU
morning max el	-4541 Sep 01 j 08:00	14° Ω 39'05	19°00'05	inferior conj	-4540 Jul 30 j 06:12	1° Ω 11'48	-3°04'20
	-4541 Sep 12 j 15:05	0° Ω		minimum elong	-4540 Jul 30 j 09:49	1° Ω 01'19	3°03'05
morning set	-4541 Sep 23 j 09:06	16° Ω 53'36			-4540 Jul 31 j 07:15	30° \mathbb{R} II	
	-4541 Oct 01 j 16:23	0° \mathbb{M}		morning rise	-4540 Aug 05 j 08:31	25° \mathbb{I} 34'02	
desc. node	-4541 Oct 05 j 13:46	6° \mathbb{M} 07'40		direct	-4540 Aug 08 j 06:06	24° \mathbb{I} 47'57	
max. Earth dist.	-4541 Oct 08 j 11:36	10° \mathbb{M} 42'55	1.44722 AU	asc. node	-4540 Aug 09 j 14:33	24° \mathbb{I} 57'54	
				morning max el	-4540 Aug 14 j 20:04	28° \mathbb{I} 23'51	18°21'40
superior conj	-4541 Oct 09 j 17:09	12° \mathbb{M} 39'33	-0°25'57		-4540 Aug 16 j 07:21	0° Ω	
minimum elong	-4541 Oct 09 j 13:49	12° \mathbb{M} 26'22	0°25'26	morning set	-4540 Sep 02 j 23:58	27° Ω 10'37	
	-4541 Oct 20 j 14:31	0° Ω			-4540 Sep 04 j 17:15	0° Ω	
evening rise	-4541 Oct 25 j 03:56	7° Ω 22'07					
	-4541 Nov 08 j 08:52	0° \mathbb{M}		superior conj	-4540 Sep 17 j 17:16	20° Ω 57'54	0°23'25
evening max el	-4541 Nov 14 j 17:50	8° \mathbb{M} 12'32	18°44'14	minimum elong	-4540 Sep 17 j 20:12	21° Ω 09'33	0°23'11
asc. node	-4541 Nov 19 j 16:13	11° \mathbb{M} 41'52		max. Earth dist.	-4540 Sep 20 j 05:53	24° Ω 57'48	1.44719 AU
retrograde	-4541 Nov 21 j 11:40	11° \mathbb{M} 59'58		desc. node	-4540 Sep 21 j 10:40	26° Ω 51'22	
evening set	-4541 Nov 24 j 13:09	11° \mathbb{M} 06'55			-4540 Sep 23 j 10:35	0° \mathbb{M}	
inferior conj	-4541 Nov 30 j 09:47	5° \mathbb{M} 25'51	3°08'13	evening rise	-4540 Oct 04 j 06:49	16° \mathbb{M} 59'45	
minimum elong	-4541 Nov 30 j 06:33	5° \mathbb{M} 35'34	3°07'16		-4540 Oct 12 j 14:50	0° Ω	
min. Earth dist.	-4541 Dec 02 j 03:57	3° \mathbb{M} 18'54	0.64971 AU	greatest brilliancy	-4540 Oct 15 j 04:13	3° Ω 56'40	-0.7m
	-4541 Dec 05 j 05:35	30° \mathbb{R} Ω		evening max el	-4540 Oct 28 j 02:32	21° Ω 38'51	19°28'14
morning rise	-4541 Dec 05 j 23:35	29° Ω 19'34		retrograde	-4540 Nov 04 j 07:43	25° Ω 49'14	
direct	-4541 Dec 12 j 16:41	26° Ω 28'50		asc. node	-4540 Nov 05 j 13:22	25° Ω 40'25	
	-4541 Dec 21 j 05:05	0° \mathbb{M}		evening set	-4540 Nov 07 j 16:28	24° Ω 43'12	
morning max el	-4541 Dec 25 j 20:39	4° \mathbb{M} 04'58	26°59'47	inferior conj	-4540 Nov 13 j 07:13	18° Ω 47'52	2°26'12
desc. node	-4540 Jan 01 j 13:47	11° \mathbb{M} 37'44		minimum elong	-4540 Nov 13 j 04:18	18° Ω 57'17	2°25'11
	-4540 Jan 14 j 14:58	0° \mathbb{M}		min. Earth dist.	-4540 Nov 14 j 11:50	17° Ω 15'38	0.66070 AU
morning set	-4540 Jan 30 j 12:14	27° \mathbb{M} 40'24		morning rise	-4540 Nov 18 j 15:54	12° Ω 35'53	
	-4540 Jan 31 j 17:00	0° \mathbb{M}		direct	-4540 Nov 24 j 20:19	9° Ω 54'09	
max. Earth dist.	-4540 Feb 04 j 01:27	6° \mathbb{M} 40'38	1.34327 AU	morning max el	-4540 Dec 07 j 06:03	17° Ω 11'58	25°57'48
				desc. node	-4540 Dec 18 j 10:44	0° \mathbb{M} 35'03	
superior conj	-4540 Feb 07 j 19:08	14° \mathbb{M} 22'42	-1°13'27		-4540 Dec 18 j 00:19	0° \mathbb{M}	
minimum elong	-4540 Feb 07 j 22:00	14° \mathbb{M} 37'46	1°13'14		-4539 Jan 06 j 13:11	0° \mathbb{M}	
evening rise	-4540 Feb 15 j 05:06	29° \mathbb{M} 58'55		morning set	-4539 Jan 12 j 11:21	10° \mathbb{M} 34'22	
	-4540 Feb 15 j 05:18	0° \mathbb{M}		max. Earth dist.	-4539 Jan 16 j 10:05	18° \mathbb{M} 01'25	1.35759 AU
asc. node	-4540 Feb 15 j 15:19	0° \mathbb{M} 51'55					
	-4540 Mar 04 j 02:31	0° \mathbb{M}		superior conj	-4539 Jan 21 j 15:23	28° \mathbb{M} 21'01	-1°32'54
evening max el	-4540 Mar 06 j 11:36	2° \mathbb{M} 28'08	21°34'23	minimum elong	-4539 Jan 21 j 18:24	28° \mathbb{M} 36'21	1°32'48
retrograde	-4540 Mar 18 j 14:09	8° \mathbb{M} 16'51			-4539 Jan 22 j 10:54	0° \mathbb{M}	
evening set	-4540 Mar 21 j 04:31	8° \mathbb{M} 01'37		evening rise	-4539 Jan 29 j 11:49	14° \mathbb{M} 27'17	
desc. node	-4540 Mar 29 j 12:46	4° \mathbb{M} 32'43		asc. node	-4539 Feb 01 j 12:21	20° \mathbb{M} 31'56	
inferior conj	-4540 Mar 30 j 11:51	4° \mathbb{M} 00'19	-0°15'57		-4539 Feb 06 j 14:15	0° \mathbb{M}	
minimum elong	-4540 Mar 30 j 11:06	4° \mathbb{M} 01'22	0°15'48	evening max el	-4539 Feb 16 j 18:09	13° \mathbb{M} 51'39	20°15'17
transit middle	-4540 Mar 30 j 11:06	4° \mathbb{M} 01'22	0°15'48	retrograde	-4539 Feb 27 j 05:10	18° \mathbb{M} 49'16	
transit begin	-4540 Mar 30 j 10:58	4° \mathbb{M} 01'34		evening set	-4539 Mar 01 j 13:17	18° \mathbb{M} 35'28	
transit end	-4540 Mar 30 j 11:15	4° \mathbb{M} 01'11		inferior conj	-4539 Mar 10 j 09:35	14° \mathbb{M} 36'22	1°36'51
min. Earth dist.	-4540 Mar 30 j 15:08	3° \mathbb{M} 55'42	0.55190 AU	minimum elong	-4539 Mar 10 j 13:32	14° \mathbb{M} 30'27	1°35'26
morning rise	-4540 Apr 08 j 17:58	29° \mathbb{M} 57'06		min. Earth dist.	-4539 Mar 12 j 05:06	13° \mathbb{M} 31'37	0.55598 AU
	-4540 Apr 08 j 12:31	30° \mathbb{M}		desc. node	-4539 Mar 16 j 09:54	11° \mathbb{M} 18'02	
direct	-4540 Apr 11 j 14:08	29° \mathbb{M} 39'17		morning rise	-4539 Mar 19 j 12:04	10° \mathbb{M} 11'17	
	-4540 Apr 14 j 14:05	0° \mathbb{M}		direct	-4539 Mar 23 j 04:48	9° \mathbb{M} 41'24	
morning max el	-4540 Apr 24 j 00:32	5° \mathbb{M} 35'12	21°55'29	morning max el	-4539 Apr 05 j 19:20	16° \mathbb{M} 24'12	23°32'57
	-4540 May 10 j 14:35	0° \mathbb{M}			-4539 Apr 16 j 14:39	0° \mathbb{M}	
asc. node	-4540 May 13 j 15:03	6° \mathbb{M} 00'34		morning set	-4539 Apr 29 j 11:17	23° \mathbb{M} 48'23	
morning set	-4540 May 14 j 23:36	8° \mathbb{M} 47'56		asc. node	-4539 Apr 30 j 12:01	25° \mathbb{M} 58'29	
					-4539 May 02 j 09:22	0° \mathbb{M}	
superior conj	-4540 May 22 j 07:32	24° \mathbb{M} 13'04	1°18'59	superior conj	-4539 May 06 j 13:53	8° \mathbb{M} 59'57	0°59'10
minimum elong	-4540 May 22 j 04:50	23° \mathbb{M} 58'54	1°18'40	minimum elong	-4539 May 06 j 11:34	8° \mathbb{M} 47'31	0°58'46
	-4540 May 25 j 02:28	0° \mathbb{M}		max. Earth dist.	-4539 May 08 j 17:47	13° \mathbb{M} 36'21	1.33678 AU
max. Earth dist.	-4540 May 25 j 16:19	1° \mathbb{M} 10'47	1.34729 AU	evening rise	-4539 May 14 j 03:20	24° \mathbb{M} 43'38	
evening rise	-4540 May 30 j 09:55	10° \mathbb{M} 35'02			-4539 May 16 j 19:51	0° \mathbb{M}	
	-4540 Jun 10 j 05:11	0° \mathbb{M}			-4539 Jun 03 j 17:37	0° \mathbb{M}	
desc. node	-4540 Jun 25 j 11:17	22° \mathbb{M} 34'07		desc. node	-4539 Jun 12 j 08:25	11° \mathbb{M} 07'52	
	-4540 Jul 01 j 17:40	0° Ω					

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening max el	-4539 Jun 16 j 20:30	15° Π 53'41	27°24'01	evening max el	-4538 May 30 j 04:08	28° \mathcal{B} 33'17	27°17'06
retrograde	-4539 Jun 30 j 11:16	23° Π 18'17		desc. node	-4538 May 30 j 05:34	28° \mathcal{B} 36'41	
evening set	-4539 Jul 07 j 14:29	20° Π 36'04			-4538 May 31 j 17:53	0° Π	
min. Earth dist.	-4539 Jul 11 j 05:32	17° Π 19'21	0.63859 AU	retrograde	-4538 Jun 13 j 01:35	5° Π 57'24	
inferior conj	-4539 Jul 13 j 18:02	14° Π 40'37	-3°41'57	evening set	-4538 Jun 20 j 02:45	3° Π 35'16	
minimum elong	-4539 Jul 13 j 21:31	14° Π 31'28	3°41'03	min. Earth dist.	-4538 Jun 23 j 17:22	0° Π 43'29	0.62077 AU
morning rise	-4539 Jul 20 j 05:18	9° Π 20'04			-4538 Jun 24 j 12:26	30° \mathcal{R} 8	
direct	-4539 Jul 22 j 22:17	8° Π 43'18		inferior conj	-4538 Jun 26 j 18:44	27° \mathcal{B} 52'25	-4°07'42
asc. node	-4539 Jul 27 j 11:36	10° Π 26'29		minimum elong	-4538 Jun 26 j 20:57	27° \mathcal{B} 47'12	4°07'19
morning max el	-4539 Jul 29 j 10:40	12° Π 08'47	18°00'41	morning rise	-4538 Jul 03 j 16:32	22° \mathcal{B} 51'45	
	-4539 Aug 10 j 15:25	0° \mathcal{E}		direct	-4538 Jul 06 j 06:39	22° \mathcal{B} 22'14	
morning set	-4539 Aug 15 j 17:00	8° \mathcal{E} 42'38		morning max el	-4538 Jul 13 j 01:02	25° \mathcal{B} 46'43	17°57'58
				asc. node	-4538 Jul 14 j 08:37	27° \mathcal{B} 10'02	
superior conj	-4539 Aug 28 j 10:04	0° Ω 08'16	1°05'27		-4538 Jul 16 j 15:01	0° Π	
minimum elong	-4539 Aug 28 j 15:57	0° Ω 32'22	1°04'59	morning set	-4538 Jul 29 j 07:04	21° Π 14'41	
	-4539 Aug 28 j 08:03	0° Ω			-4538 Aug 03 j 03:57	0° \mathcal{E}	
max. Earth dist.	-4539 Sep 02 j 22:35	9° Ω 04'19	1.44003 AU				
desc. node	-4539 Sep 08 j 07:37	17° Ω 35'09		superior conj	-4538 Aug 09 j 05:59	10° \mathcal{E} 39'22	1°33'22
evening rise	-4539 Sep 13 j 14:27	25° Ω 48'48		minimum elong	-4538 Aug 09 j 10:36	10° \mathcal{E} 59'09	1°33'13
	-4539 Sep 16 j 07:41	0° \mathcal{M}		max. Earth dist.	-4538 Aug 16 j 10:17	22° \mathcal{E} 42'04	1.42670 AU
	-4539 Oct 06 j 21:20	0° \mathcal{L}			-4538 Aug 20 j 22:37	0° Ω	
evening max el	-4539 Oct 11 j 05:58	5° \mathcal{L} 04'54	20°27'06	evening rise	-4538 Aug 23 j 19:38	4° Ω 33'10	
retrograde	-4539 Oct 19 j 04:58	9° \mathcal{L} 46'05		desc. node	-4538 Aug 26 j 04:36	8° Ω 15'30	
evening set	-4539 Oct 22 j 23:06	8° \mathcal{L} 24'33			-4538 Sep 09 j 17:30	0° \mathcal{M}	
asc. node	-4539 Oct 23 j 10:30	8° \mathcal{L} 02'36		evening max el	-4538 Sep 24 j 03:09	18° \mathcal{M} 29'58	21°38'09
inferior conj	-4539 Oct 28 j 09:43	2° \mathcal{L} 18'15	1°38'26	retrograde	-4538 Oct 03 j 01:20	23° \mathcal{M} 47'56	
minimum elong	-4539 Oct 28 j 07:34	2° \mathcal{L} 25'27	1°37'37	evening set	-4538 Oct 07 j 07:05	22° \mathcal{M} 08'31	
min. Earth dist.	-4539 Oct 29 j 02:20	1° \mathcal{L} 22'11	0.66826 AU	asc. node	-4538 Oct 10 j 07:36	19° \mathcal{M} 00'11	
	-4539 Oct 30 j 03:07	30° \mathcal{R} 17		inferior conj	-4538 Oct 12 j 15:10	15° \mathcal{M} 54'51	0°47'08
morning rise	-4539 Nov 02 j 15:52	26° \mathcal{M} 03'01		minimum elong	-4538 Oct 12 j 14:06	15° \mathcal{M} 58'33	0°46'44
direct	-4539 Nov 08 j 05:22	23° \mathcal{M} 38'03		min. Earth dist.	-4538 Oct 12 j 21:04	15° \mathcal{M} 34'32	0.67262 AU
	-4539 Nov 19 j 04:45	0° \mathcal{L}		morning rise	-4538 Oct 17 j 20:57	9° \mathcal{M} 39'09	
morning max el	-4539 Nov 19 j 14:54	0° \mathcal{L} 25'18	24°38'55	direct	-4538 Oct 22 j 19:16	7° \mathcal{M} 34'42	
desc. node	-4539 Dec 05 j 07:40	20° \mathcal{L} 08'31		morning max el	-4538 Nov 02 j 00:39	13° \mathcal{M} 41'17	23°12'56
	-4539 Dec 11 j 23:12	0° \mathcal{M}			-4538 Nov 15 j 03:56	0° \mathcal{L}	
morning set	-4539 Dec 25 j 14:53	22° \mathcal{M} 25'28		desc. node	-4538 Nov 22 j 04:35	10° \mathcal{L} 07'54	
max. Earth dist.	-4539 Dec 29 j 09:04	29° \mathcal{M} 09'05	1.37583 AU		-4538 Dec 04 j 21:36	0° \mathcal{M}	
	-4539 Dec 29 j 20:13	0° \mathcal{X}		morning set	-4538 Dec 06 j 16:51	2° \mathcal{M} 58'54	
				max. Earth dist.	-4538 Dec 11 j 04:51	10° \mathcal{M} 37'31	1.39630 AU
superior conj	-4538 Jan 05 j 01:08	11° \mathcal{X} 42'54	-1°47'11				
minimum elong	-4538 Jan 05 j 03:25	11° \mathcal{X} 53'57	1°47'16	superior conj	-4538 Dec 18 j 20:11	24° \mathcal{M} 17'28	-1°53'37
evening rise	-4538 Jan 13 j 13:00	28° \mathcal{X} 32'52		minimum elong	-4538 Dec 18 j 20:26	24° \mathcal{M} 18'39	1°53'47
	-4538 Jan 14 j 06:33	0° \mathcal{Z}			-4538 Dec 21 j 21:33	0° \mathcal{X}	
asc. node	-4538 Jan 19 j 09:23	9° \mathcal{Z} 49'48		evening rise	-4538 Dec 28 j 06:03	12° \mathcal{X} 09'12	
evening max el	-4538 Jan 30 j 11:08	25° \mathcal{Z} 50'39	19°14'03	asc. node	-4537 Jan 06 j 06:27	28° \mathcal{X} 38'12	
	-4538 Feb 07 j 02:47	0° \approx			-4537 Jan 07 j 02:43	0° \mathcal{Z}	
retrograde	-4538 Feb 08 j 08:17	0° \approx 04'43		evening max el	-4537 Jan 13 j 13:12	8° \mathcal{Z} 22'02	18°32'40
	-4538 Feb 09 j 14:12	30° \mathcal{R} 3		retrograde	-4537 Jan 21 j 05:20	12° \mathcal{Z} 06'44	
evening set	-4538 Feb 10 j 17:28	29° \mathcal{Z} 47'46		evening set	-4537 Jan 23 j 17:28	11° \mathcal{Z} 44'07	
inferior conj	-4538 Feb 18 j 21:11	25° \mathcal{Z} 36'50	3°02'29	inferior conj	-4537 Jan 31 j 04:45	7° \mathcal{Z} 14'05	3°50'13
minimum elong	-4538 Feb 19 j 02:09	25° \mathcal{Z} 28'24	3°01'09	minimum elong	-4537 Jan 31 j 07:31	7° \mathcal{Z} 08'37	3°49'40
min. Earth dist.	-4538 Feb 21 j 20:01	23° \mathcal{Z} 37'31	0.56831 AU	min. Earth dist.	-4537 Feb 03 j 13:44	4° \mathcal{Z} 35'50	0.58620 AU
morning rise	-4538 Feb 27 j 08:12	20° \mathcal{Z} 41'39		morning rise	-4537 Feb 07 j 19:17	1° \mathcal{Z} 53'12	
desc. node	-4538 Mar 03 j 07:02	19° \mathcal{Z} 47'39		direct	-4537 Feb 13 j 21:26	0° \mathcal{Z} 18'56	
direct	-4538 Mar 04 j 06:24	19° \mathcal{Z} 45'25		desc. node	-4537 Feb 18 j 04:06	1° \mathcal{Z} 04'10	
morning max el	-4538 Mar 18 j 10:21	27° \mathcal{Z} 00'05	25°09'57	morning max el	-4537 Feb 28 j 03:31	7° \mathcal{Z} 50'21	26°31'24
	-4538 Mar 21 j 07:43	0° \approx			-4537 Mar 16 j 18:55	0° \approx	
	-4538 Apr 09 j 15:03	0° \mathcal{H}		morning set	-4537 Mar 29 j 10:39	23° \approx 50'56	
morning set	-4538 Apr 13 j 23:31	8° \mathcal{H} 51'29			-4537 Apr 01 j 08:08	0° \mathcal{H}	
asc. node	-4538 Apr 17 j 08:57	16° \mathcal{H} 06'11		asc. node	-4537 Apr 04 j 05:56	6° \mathcal{H} 19'15	
superior conj	-4538 Apr 20 j 23:44	23° \mathcal{H} 57'41	0°36'46	superior conj	-4537 Apr 05 j 11:17	8° \mathcal{H} 59'46	0°12'43
minimum elong	-4538 Apr 20 j 22:11	23° \mathcal{H} 49'13	0°36'24	minimum elong	-4537 Apr 05 j 10:44	8° \mathcal{H} 56'43	0°12'31
max. Earth dist.	-4538 Apr 22 j 02:33	26° \mathcal{H} 23'14	1.32986 AU	behind sun begin	-4537 Apr 05 j 07:40	8° \mathcal{H} 39'59	
	-4538 Apr 23 j 18:46	0° \mathcal{Y}		behind sun end	-4537 Apr 05 j 13:47	9° \mathcal{H} 13'27	
evening rise	-4538 Apr 28 j 04:55	9° \mathcal{Y} 17'14		max. Earth dist.	-4537 Apr 05 j 15:20	9° \mathcal{H} 21'53	1.32639 AU
	-4538 May 09 j 04:46	0° \mathcal{B}		evening rise	-4537 Apr 12 j 11:57	24° \mathcal{H} 06'40	


































































































































Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4537 Apr 15 j 09:11	0°♄		behind sun begin	-4536 Mar 19 j 20:10	23°≈44'45	
	-4537 May 03 j 04:48	0°♄		behind sun end	-4536 Mar 20 j 02:37	24°≈19'58	
evening max el	-4537 May 12 j 06:43	10°♄34'14	26°37'27	asc. node	-4536 Mar 21 j 02:56	26°≈32'52	
desc. node	-4537 May 17 j 02:42	14°♄33'43			-4536 Mar 22 j 16:54	0°♄	
retrograde	-4537 May 26 j 08:23	17°♄54'39		evening rise	-4536 Mar 26 j 22:12	9°♄03'25	
evening set	-4537 Jun 01 j 20:14	16°♄05'45			-4536 Apr 06 j 20:34	0°♄	
min. Earth dist.	-4537 Jun 05 j 20:05	13°♄23'34	0.60071 AU	evening max el	-4536 Apr 23 j 03:15	21°♄54'22	25°28'33
inferior conj	-4537 Jun 09 j 04:48	10°♄39'12	-4°15'05	desc. node	-4536 May 02 j 23:50	28°♄24'12	
minimum elong	-4537 Jun 09 j 04:25	10°♄39'59	4°14'57	retrograde	-4536 May 07 j 05:14	29°♄06'15	
morning rise	-4537 Jun 16 j 14:46	5°♄59'46		evening set	-4536 May 12 j 16:16	27°♄56'00	
direct	-4537 Jun 19 j 03:16	5°♄35'57		min. Earth dist.	-4536 May 17 j 15:45	25°♄07'12	0.58068 AU
morning max el	-4537 Jun 26 j 12:20	9°♄10'22	18°14'24	inferior conj	-4536 May 20 j 20:43	22°♄51'41	-3°54'57
asc. node	-4537 Jul 01 j 05:38	14°♄53'22		minimum elong	-4536 May 20 j 16:57	22°♄58'24	3°54'21
	-4537 Jul 10 j 02:36	0°♄		morning rise	-4536 May 28 j 20:30	18°♄33'00	
morning set	-4537 Jul 12 j 12:58	4°♄33'41		direct	-4536 May 31 j 08:01	18°♄13'47	
				morning max el	-4536 Jun 08 j 17:42	22°♄10'57	18°50'54
superior conj	-4537 Jul 22 j 03:49	22°♄27'45	1°46'58		-4536 Jun 14 j 24:00	0°♄	
minimum elong	-4537 Jul 22 j 05:38	22°♄35'58	1°47'08	asc. node	-4536 Jun 17 j 02:41	3°♄23'11	
	-4537 Jul 26 j 09:28	0°♄		morning set	-4536 Jun 25 j 06:26	18°♄29'21	
max. Earth dist.	-4537 Jul 29 j 16:08	5°♄39'12	1.40915 AU		-4536 Jul 01 j 03:43	0°♄	
evening rise	-4537 Aug 03 j 17:54	14°♄06'40		superior conj	-4536 Jul 03 j 22:14	5°♄19'22	1°48'53
desc. node	-4537 Aug 13 j 01:36	28°♄48'34		minimum elong	-4536 Jul 03 j 21:37	5°♄16'30	1°49'05
	-4537 Aug 13 j 20:24	0°♄		max. Earth dist.	-4536 Jul 10 j 18:19	17°♄56'11	1.38979 AU
	-4537 Sep 04 j 22:54	0°♄		evening rise	-4536 Jul 14 j 18:19	24°♄56'22	
evening max el	-4537 Sep 06 j 18:39	1°♄55'05	22°57'06		-4536 Jul 17 j 18:08	0°♄	
retrograde	-4537 Sep 16 j 19:17	7°♄51'44		desc. node	-4536 Jul 29 j 22:37	19°♄10'06	
evening set	-4537 Sep 21 j 14:35	5°♄52'49			-4536 Aug 06 j 13:09	0°♄	
inferior conj	-4537 Sep 26 j 21:45	29°♄35'14	-0°05'57	evening max el	-4536 Aug 19 j 06:30	15°♄22'45	24°17'47
minimum elong	-4537 Sep 26 j 21:53	29°♄34'47	0°05'47	retrograde	-4536 Aug 30 j 09:39	21°♄54'49	
transit middle	-4537 Sep 26 j 21:53	29°♄34'47	0°05'47	evening set	-4536 Sep 04 j 19:51	19°♄36'19	
transit begin	-4537 Sep 26 j 19:21	29°♄43'29		min. Earth dist.	-4536 Sep 09 j 13:01	14°♄07'51	0.67247 AU
transit end	-4537 Sep 27 j 00:25	29°♄26'04		inferior conj	-4536 Sep 10 j 03:44	13°♄18'10	-0°59'09
min. Earth dist.	-4537 Sep 26 j 17:26	29°♄50'06	0.67403 AU	minimum elong	-4536 Sep 10 j 05:07	13°♄13'33	0°58'25
	-4537 Sep 26 j 14:34	30°♄♄		asc. node	-4536 Sep 13 j 01:51	9°♄34'34	
asc. node	-4537 Sep 27 j 04:44	29°♄11'12		morning rise	-4536 Sep 15 j 14:19	7°♄11'02	
morning rise	-4537 Oct 02 j 05:04	23°♄22'14		direct	-4536 Sep 19 j 09:58	5°♄47'33	
direct	-4537 Oct 06 j 13:12	21°♄38'57		morning max el	-4536 Sep 27 j 10:39	10°♄29'29	20°32'47
morning max el	-4537 Oct 15 j 14:19	27°♄01'19	21°48'38		-4536 Oct 12 j 03:57	0°♄	
	-4537 Oct 18 j 07:39	0°♄		morning set	-4536 Oct 25 j 15:14	20°♄27'02	
	-4537 Nov 08 j 18:55	0°♄		desc. node	-4536 Oct 25 j 22:26	20°♄55'03	
desc. node	-4537 Nov 09 j 01:30	0°♄25'09			-4536 Oct 31 j 17:18	0°♄	
morning set	-4537 Nov 16 j 14:11	12°♄09'28		max. Earth dist.	-4536 Nov 04 j 12:53	6°♄06'04	1.43301 AU
max. Earth dist.	-4537 Nov 23 j 04:57	22°♄54'37	1.41634 AU				
	-4537 Nov 27 j 09:59	0°♄		superior conj	-4536 Nov 10 j 16:18	16°♄08'59	-1°28'57
superior conj	-4537 Nov 30 j 19:04	5°♄50'25	-1°48'45	minimum elong	-4536 Nov 10 j 10:02	15°♄42'59	1°28'27
minimum elong	-4537 Nov 30 j 16:01	5°♄37'07	1°48'43		-4536 Nov 18 j 20:14	0°♄	
evening rise	-4537 Dec 11 j 11:36	25°♄08'09		evening rise	-4536 Nov 23 j 01:38	7°♄21'53	
	-4537 Dec 14 j 03:08	0°♄			-4536 Dec 06 j 16:50	0°♄	
asc. node	-4537 Dec 24 j 03:32	16°♄47'12		asc. node	-4536 Dec 10 j 00:38	4°♄05'14	
evening max el	-4537 Dec 27 j 21:41	21°♄17'12	18°11'16	evening max el	-4536 Dec 10 j 09:41	4°♄28'32	18°09'25
retrograde	-4536 Jan 03 j 19:41	24°♄47'30		retrograde	-4536 Dec 16 j 23:38	7°♄57'29	
evening set	-4536 Jan 06 j 10:42	24°♄17'56		evening set	-4536 Dec 19 j 17:43	7°♄20'00	
inferior conj	-4536 Jan 13 j 07:54	19°♄26'07	4°04'41	inferior conj	-4536 Dec 26 j 03:31	2°♄06'58	3°54'55
minimum elong	-4536 Jan 13 j 07:48	19°♄26'20	4°04'28	minimum elong	-4536 Dec 26 j 01:23	2°♄12'30	3°54'28
min. Earth dist.	-4536 Jan 16 j 12:49	16°♄32'12	0.60623 AU		-4536 Dec 28 j 04:30	30°♄♄	
morning rise	-4536 Jan 20 j 03:27	13°♄47'03		min. Earth dist.	-4536 Dec 28 j 20:26	29°♄19'48	0.62537 AU
direct	-4536 Jan 26 j 23:28	11°♄35'12		morning rise	-4535 Jan 01 j 08:13	26°♄14'44	
desc. node	-4536 Feb 05 j 01:11	14°♄58'39		direct	-4535 Jan 08 j 10:07	23°♄36'18	
morning max el	-4536 Feb 10 j 02:21	19°♄14'15	27°24'25		-4535 Jan 20 j 22:02	0°♄	
	-4536 Feb 19 j 06:38	0°♄		desc. node	-4535 Jan 21 j 22:15	0°♄56'55	
	-4536 Mar 08 j 11:12	0°≈		morning max el	-4535 Jan 22 j 07:14	1°♄18'46	27°42'03
morning set	-4536 Mar 12 j 18:49	8°≈39'25			-4535 Feb 12 j 09:46	0°♄	
max. Earth dist.	-4536 Mar 19 j 04:27	22°≈18'59	1.32627 AU	morning set	-4535 Feb 24 j 21:54	23°♄09'31	
					-4535 Feb 28 j 05:25	0°≈	
superior conj	-4536 Mar 19 j 22:51	23°≈59'22	-0°12'10	max. Earth dist.	-4535 Mar 02 j 14:07	5°≈01'03	1.32971 AU
minimum elong	-4536 Mar 19 j 23:24	24°≈02'22	0°12'11				

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4535 Mar 04 j 08:45	8° \approx 50'39	-0°36'58	minimum elong	-4534 Feb 16 j 17:44	23° \approx 41'06	1°00'30
minimum elong	-4535 Mar 04 j 10:23	8° \approx 59'27	0°36'49		-4534 Feb 19 j 16:45	0° \approx	
asc. node	-4535 Mar 07 j 23:57	16° \approx 42'59		asc. node	-4534 Feb 22 j 20:57	6° \approx 45'38	
evening rise	-4535 Mar 11 j 09:48	24° \approx 00'33		evening rise	-4534 Feb 23 j 20:58	8° \approx 51'57	
	-4535 Mar 14 j 07:25	0° \approx			-4534 Mar 07 j 02:07	0° \approx	
	-4535 Apr 02 j 04:04	0° \approx		evening max el	-4534 Mar 17 j 13:07	13° \approx 28'52	22°25'54
evening max el	-4535 Apr 04 j 19:33	2° \approx 44'02	24°00'01	retrograde	-4534 Mar 30 j 10:49	19° \approx 46'17	
retrograde	-4535 Apr 18 j 13:57	9° \approx 37'09		evening set	-4534 Apr 02 j 10:49	19° \approx 26'28	
desc. node	-4535 Apr 19 j 21:00	9° \approx 33'22		desc. node	-4534 Apr 06 j 18:11	17° \approx 56'37	
evening set	-4535 Apr 22 j 17:29	8° \approx 59'02		min. Earth dist.	-4534 Apr 10 j 21:28	15° \approx 45'46	0.55372 AU
min. Earth dist.	-4535 Apr 29 j 07:13	5° \approx 50'27	0.56390 AU	inferior conj	-4534 Apr 11 j 19:01	15° \approx 15'07	-1°22'07
inferior conj	-4535 May 01 j 16:28	4° \approx 22'12	-2°57'41	minimum elong	-4534 Apr 11 j 15:23	15° \approx 20'18	1°20'59
minimum elong	-4535 May 01 j 10:42	4° \approx 31'09	2°56'13	morning rise	-4534 Apr 20 j 21:40	11° \approx 17'27	
morning rise	-4535 May 10 j 06:55	0° \approx 19'59		direct	-4534 Apr 23 j 11:35	11° \approx 02'11	
direct	-4535 May 12 j 18:00	0° \approx 04'07		morning max el	-4534 May 05 j 00:36	16° \approx 27'07	21°04'15
morning max el	-4535 May 22 j 14:23	4° \approx 38'42	19°47'53		-4534 May 15 j 08:21	0° \approx	
asc. node	-4535 Jun 03 j 23:43	22° \approx 27'46		asc. node	-4534 May 21 j 20:43	11° \approx 58'38	
	-4535 Jun 07 j 21:37	0° \approx		morning set	-4534 May 24 j 15:13	17° \approx 34'43	
morning set	-4535 Jun 09 j 08:04	2° \approx 52'06			-4534 May 30 j 14:39	0° \approx	
superior conj	-4535 Jun 17 j 07:39	18° \approx 58'10	1°42'02	superior conj	-4534 Jun 01 j 03:43	3° \approx 11'36	1°28'47
minimum elong	-4535 Jun 17 j 05:34	18° \approx 47'49	1°42'03	minimum elong	-4534 Jun 01 j 01:02	2° \approx 57'47	1°28'35
max. Earth dist.	-4535 Jun 22 j 21:27	29° \approx 46'12	1.37104 AU	max. Earth dist.	-4534 Jun 05 j 07:14	11° \approx 35'07	1.35491 AU
	-4535 Jun 23 j 00:23	0° \approx		evening rise	-4534 Jun 09 j 16:08	20° \approx 03'10	
evening rise	-4535 Jun 26 j 19:24	6° \approx 59'28			-4534 Jun 15 j 02:59	0° \approx	
	-4535 Jul 10 j 14:13	0° \approx		desc. node	-4534 Jul 03 j 16:45	28° \approx 52'10	
desc. node	-4535 Jul 16 j 19:40	9° \approx 13'55			-4534 Jul 04 j 13:06	0° \approx	
evening max el	-4535 Aug 01 j 17:04	28° \approx 52'42	25°32'48	evening max el	-4534 Jul 15 j 04:00	12° \approx 21'47	26°34'02
	-4535 Aug 02 j 21:14	0° \approx		retrograde	-4534 Jul 28 j 01:08	19° \approx 38'52	
retrograde	-4535 Aug 13 j 19:45	5° \approx 52'28		evening set	-4534 Aug 03 j 15:45	16° \approx 52'25	
evening set	-4535 Aug 19 j 20:59	3° \approx 16'53		min. Earth dist.	-4534 Aug 07 j 16:04	12° \approx 39'22	0.65936 AU
	-4535 Aug 22 j 23:11	30° \approx		inferior conj	-4534 Aug 09 j 06:42	10° \approx 42'10	-2°39'02
min. Earth dist.	-4535 Aug 24 j 05:19	28° \approx 25'26	0.66768 AU	minimum elong	-4534 Aug 09 j 10:03	10° \approx 32'00	2°37'43
inferior conj	-4535 Aug 25 j 07:22	27° \approx 01'13	-1°50'49	morning rise	-4534 Aug 15 j 04:39	4° \approx 56'14	
minimum elong	-4535 Aug 25 j 09:52	26° \approx 53'08	1°49'39	asc. node	-4534 Aug 17 j 20:08	4° \approx 04'41	
morning rise	-4535 Aug 30 j 22:51	21° \approx 03'11		direct	-4534 Aug 18 j 05:44	4° \approx 03'47	
asc. node	-4535 Aug 30 j 23:00	21° \approx 02'55		morning max el	-4534 Aug 24 j 23:52	7° \approx 49'41	18°41'41
direct	-4535 Sep 03 j 08:05	19° \approx 56'48			-4534 Sep 09 j 10:31	0° \approx	
morning max el	-4535 Sep 10 j 14:14	24° \approx 06'18	19°29'37	morning set	-4534 Sep 14 j 16:29	8° \approx 25'49	
	-4535 Sep 15 j 12:16	0° \approx			-4534 Sep 28 j 05:54	0° \approx	
morning set	-4535 Oct 04 j 17:23	28° \approx 54'36		desc. node	-4534 Sep 29 j 16:15	2° \approx 15'25	
	-4535 Oct 05 j 10:09	0° \approx					
desc. node	-4535 Oct 12 j 19:21	11° \approx 32'53		superior conj	-4534 Sep 30 j 10:42	3° \approx 28'10	-0°04'53
max. Earth dist.	-4535 Oct 18 j 03:09	19° \approx 56'39	1.44400 AU	minimum elong	-4534 Sep 30 j 10:05	3° \approx 25'43	0°04'41
				behind sun begin	-4534 Sep 29 j 23:04	2° \approx 42'17	
superior conj	-4535 Oct 21 j 10:10	25° \approx 10'58	-0°52'43	behind sun end	-4534 Sep 30 j 21:06	4° \approx 09'09	
minimum elong	-4535 Oct 21 j 04:10	24° \approx 47'00	0°51'58	max. Earth dist.	-4534 Sep 30 j 20:30	4° \approx 06'48	1.44809 AU
	-4535 Oct 24 j 10:13	0° \approx		evening rise	-4534 Oct 16 j 12:38	28° \approx 54'57	
evening rise	-4535 Nov 04 j 19:20	18° \approx 40'18			-4534 Oct 17 j 04:57	0° \approx	
	-4535 Nov 11 j 14:29	0° \approx			-4534 Nov 06 j 05:44	0° \approx	
evening max el	-4535 Nov 23 j 22:21	17° \approx 49'13	18°26'23	evening max el	-4534 Nov 07 j 09:06	1° \approx 14'23	19°00'59
asc. node	-4535 Nov 26 j 21:45	20° \approx 17'58		asc. node	-4534 Nov 13 j 18:54	5° \approx 09'32	
retrograde	-4535 Nov 30 j 12:44	21° \approx 27'36		retrograde	-4534 Nov 14 j 07:09	5° \approx 11'01	
evening set	-4535 Dec 03 j 10:58	20° \approx 40'49		evening set	-4534 Nov 17 j 11:21	4° \approx 12'54	
inferior conj	-4535 Dec 09 j 11:47	15° \approx 08'59	3°28'39		-4534 Nov 21 j 22:22	30° \approx	
minimum elong	-4535 Dec 09 j 08:42	15° \approx 17'52	3°27'51	inferior conj	-4534 Nov 23 j 05:16	28° \approx 25'18	2°51'17
min. Earth dist.	-4535 Dec 11 j 14:12	12° \approx 44'31	0.64175 AU	minimum elong	-4534 Nov 23 j 02:06	28° \approx 35'09	2°50'16
morning rise	-4535 Dec 15 j 05:56	9° \approx 06'51		min. Earth dist.	-4534 Nov 24 j 17:31	26° \approx 32'32	0.65476 AU
direct	-4535 Dec 22 j 04:02	6° \approx 16'38		morning rise	-4534 Nov 28 j 16:31	22° \approx 15'59	
morning max el	-4534 Jan 04 j 16:03	13° \approx 58'00	27°24'19	direct	-4534 Dec 05 j 04:31	19° \approx 27'46	
desc. node	-4534 Jan 08 j 19:18	18° \approx 24'40		morning max el	-4534 Dec 18 j 01:51	26° \approx 58'35	26°36'06
	-4534 Jan 17 j 18:02	0° \approx			-4534 Dec 20 j 22:33	0° \approx	
	-4534 Feb 04 j 23:06	0° \approx		desc. node	-4534 Dec 26 j 16:16	6° \approx 54'57	
morning set	-4534 Feb 08 j 17:13	7° \approx 12'34			-4533 Jan 11 j 08:51	0° \approx	
max. Earth dist.	-4534 Feb 13 j 16:24	17° \approx 15'46	1.33705 AU	morning set	-4533 Jan 23 j 01:00	20° \approx 35'52	
				max. Earth dist.	-4533 Jan 27 j 07:37	28° \approx 53'49	1.34876 AU
superior conj	-4534 Feb 16 j 15:12	23° \approx 27'41	-1°00'43		-4533 Jan 27 j 20:55	0° \approx	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4533 Jan 31 j 15:54	7°  42'22	-1°22'12	max. Earth dist.	-4532 Jan 09 j 11:12	10°  03'53	1.36492 AU
minimum elong	-4533 Jan 31 j 18:56	7°  58'00	1°22'02				
evening rise	-4533 Feb 08 j 05:50	23°  30'15		superior conj	-4532 Jan 15 j 08:09	21°  26'47	-1°39'45
asc. node	-4533 Feb 09 j 17:56	26°  35'18		minimum elong	-4532 Jan 15 j 10:59	21°  40'56	1°39'43
	-4533 Feb 11 j 10:42	0°  ≈			-4532 Jan 19 j 14:03	0°  ≈	
evening max el	-4533 Feb 27 j 13:56	24°  ≈33'53	20°58'50	evening rise	-4532 Jan 23 j 10:28	7°  ≈49'39	
	-4533 Mar 10 j 08:42	0°  ≈		asc. node	-4532 Jan 27 j 14:57	16°  ≈06'39	
retrograde	-4533 Mar 11 j 00:38	0°  ≈01'04			-4532 Feb 04 j 19:27	0°  ≈	
	-4533 Mar 11 j 16:40	30°  ≈		evening max el	-4532 Feb 10 j 01:05	6°  ≈13'02	19°46'56
evening set	-4533 Mar 13 j 10:36	29°  ≈47'24		retrograde	-4532 Feb 19 j 19:04	10°  ≈50'03	
inferior conj	-4533 Mar 22 j 14:26	25°  ≈49'08	0°33'39	evening set	-4532 Feb 22 j 03:13	10°  ≈35'19	
minimum elong	-4533 Mar 22 j 15:57	25°  ≈46'57	0°32'59	inferior conj	-4532 Mar 01 j 16:48	6°  ≈32'56	2°17'35
min. Earth dist.	-4533 Mar 23 j 11:48	25°  ≈18'36	0.55246 AU	minimum elong	-4532 Mar 01 j 21:43	6°  ≈25'15	2°16'00
desc. node	-4533 Mar 24 j 15:20	24°  ≈39'48		min. Earth dist.	-4532 Mar 04 j 02:13	5°  ≈03'29	0.56040 AU
morning rise	-4533 Mar 31 j 20:34	21°  ≈38'01		morning rise	-4532 Mar 10 j 13:49	1°  ≈55'02	
direct	-4533 Apr 03 j 23:38	21°  ≈16'39		desc. node	-4532 Mar 10 j 12:27	1°  ≈56'05	
morning max el	-4533 Apr 17 j 00:15	27°  ≈34'41	22°36'08	direct	-4532 Mar 14 j 18:49	1°  ≈15'30	
	-4533 Apr 19 j 09:12	0°  ≈		morning max el	-4532 Mar 28 j 16:31	8°  ≈14'16	24°14'59
	-4533 May 07 j 20:46	0°  ≈			-4532 Apr 13 j 13:27	0°  ≈	
asc. node	-4533 May 08 j 17:40	1°  ≈47'56		morning set	-4532 Apr 22 j 13:49	17°  ≈31'37	
morning set	-4533 May 09 j 01:44	2°  ≈29'50		asc. node	-4532 Apr 24 j 14:36	21°  ≈50'14	
					-4532 Apr 28 j 09:26	0°  ≈	
superior conj	-4533 May 16 j 07:02	17°  ≈48'19	1°10'57	superior conj	-4532 Apr 29 j 15:05	2°  ≈40'17	0°49'55
minimum elong	-4533 May 16 j 04:26	17°  ≈34'34	1°10'37	minimum elong	-4532 Apr 29 j 13:03	2°  ≈29'19	0°49'32
max. Earth dist.	-4533 May 19 j 02:49	23°  ≈43'38	1.34233 AU	max. Earth dist.	-4532 May 01 j 07:42	6°  ≈18'35	1.33346 AU
	-4533 May 22 j 04:32	0°  ≈		evening rise	-4532 May 07 j 00:30	18°  ≈12'07	
evening rise	-4533 May 24 j 03:13	3°  ≈51'40			-4532 May 13 j 02:50	0°  ≈	
	-4533 Jun 07 j 21:46	0°  ≈			-4532 Jun 01 j 07:29	0°  ≈	
desc. node	-4533 Jun 20 j 13:52	17°  ≈53'33		desc. node	-4532 Jun 06 j 11:00	6°  ≈02'17	
evening max el	-4533 Jun 27 j 15:14	25°  ≈41'39	27°13'45	evening max el	-4532 Jun 09 j 01:10	8°  ≈40'22	27°25'10
	-4533 Jul 02 j 19:02	0°  ≈		retrograde	-4532 Jun 22 j 19:17	16°  ≈04'48	
retrograde	-4533 Jul 11 j 01:16	3°  ≈05'56		evening set	-4532 Jun 29 j 22:39	13°  ≈29'46	
evening set	-4533 Jul 18 j 01:27	0°  ≈		min. Earth dist.	-4532 Jul 03 j 12:50	10°  ≈24'51	0.63134 AU
	-4533 Jul 18 j 10:36	30°  ≈		inferior conj	-4532 Jul 06 j 06:59	7°  ≈39'14	-3°54'42
min. Earth dist.	-4533 Jul 21 j 19:08	26°  ≈42'41	0.64719 AU	minimum elong	-4532 Jul 06 j 10:05	7°  ≈31'26	3°54'01
inferior conj	-4533 Jul 23 j 23:29	24°  ≈16'49	-3°21'28	morning rise	-4532 Jul 12 j 22:30	2°  ≈26'32	
minimum elong	-4533 Jul 24 j 03:09	24°  ≈06'35	3°20'20	direct	-4532 Jul 15 j 14:03	1°  ≈53'03	
morning rise	-4533 Jul 30 j 05:26	18°  ≈46'00		asc. node	-4532 Jul 21 j 14:15	4°  ≈44'16	
direct	-4533 Aug 02 j 00:41	18°  ≈04'20		morning max el	-4532 Jul 22 j 04:03	5°  ≈17'10	17°57'13
asc. node	-4533 Aug 04 j 17:12	18°  ≈42'20			-4532 Aug 07 j 04:29	0°  ≈	
morning max el	-4533 Aug 08 j 13:19	21°  ≈35'07	18°10'32	morning set	-4532 Aug 07 j 21:38	1°  ≈15'25	
	-4533 Aug 15 j 00:44	0°  ≈					
morning set	-4533 Aug 26 j 18:58	19°  ≈16'05		superior conj	-4532 Aug 19 j 19:34	21°  ≈45'53	1°19'09
	-4533 Sep 02 j 05:47	0°  ≈		minimum elong	-4532 Aug 20 j 01:17	22°  ≈09'45	1°18'48
superior conj	-4533 Sep 09 j 15:46	12°  ≈03'05	0°42'43		-4532 Aug 24 j 19:32	0°  ≈	
minimum elong	-4533 Sep 09 j 20:34	12°  ≈22'20	0°42'18	max. Earth dist.	-4532 Aug 26 j 04:51	2°  ≈14'53	1.43500 AU
max. Earth dist.	-4533 Sep 13 j 13:56	18°  ≈18'30	1.44493 AU	desc. node	-4532 Sep 02 j 10:08	13°  ≈42'34	
desc. node	-4533 Sep 16 j 13:10	22°  ≈59'49		evening rise	-4532 Sep 04 j 09:57	16°  ≈48'36	
	-4533 Sep 21 j 00:24	0°  ≈			-4532 Sep 13 j 01:15	0°  ≈	
evening rise	-4533 Sep 26 j 05:56	8°  ≈08'21		evening max el	-4532 Oct 03 j 16:45	28°  ≈07'38	20°56'07
greatest brilliancy	-4533 Oct 09 j 03:11	27°  ≈54'07	-0.7m		-4532 Oct 05 j 16:08	0°  ≈	
	-4533 Oct 10 j 12:58	0°  ≈		retrograde	-4532 Oct 12 j 00:54	3°  ≈03'23	
evening max el	-4533 Oct 21 j 15:47	14°  ≈41'22	19°51'38	evening set	-4532 Oct 15 j 23:46	1°  ≈34'32	
retrograde	-4533 Oct 29 j 03:56	19°  ≈04'05		asc. node	-4532 Oct 17 j 13:09	0°  ≈10'58	
asc. node	-4533 Oct 31 j 16:01	18°  ≈27'39			-4532 Oct 17 j 17:23	30°  ≈	
evening set	-4533 Nov 01 j 16:20	17°  ≈51'58		inferior conj	-4532 Oct 21 j 09:08	25°  ≈24'56	1°17'01
inferior conj	-4533 Nov 07 j 05:09	11°  ≈51'46	2°06'33	minimum elong	-4532 Oct 21 j 07:25	25°  ≈30'47	1°16'21
minimum elong	-4533 Nov 07 j 02:31	12°  ≈00'27	2°05'34	min. Earth dist.	-4532 Oct 21 j 21:06	24°  ≈44'05	0.67053 AU
min. Earth dist.	-4533 Nov 08 j 04:35	10°  ≈34'33	0.66431 AU	morning rise	-4532 Oct 26 j 14:53	19°  ≈09'20	
morning rise	-4533 Nov 12 j 12:27	5°  ≈37'59		direct	-4532 Oct 31 j 22:01	16°  ≈52'41	
direct	-4533 Nov 18 j 10:45	3°  ≈02'20		morning max el	-4532 Nov 11 j 19:33	23°  ≈22'52	24°02'38
morning max el	-4533 Nov 30 j 10:49	10°  ≈09'01	25°25'39		-4532 Nov 17 j 16:09	0°  ≈	
desc. node	-4533 Dec 13 j 13:12	26°  ≈09'35		desc. node	-4532 Nov 29 j 10:08	15°  ≈55'17	
	-4533 Dec 16 j 06:27	0°  ≈			-4532 Dec 08 j 16:16	0°  ≈	
	-4532 Jan 03 j 23:09	0°  ≈		morning set	-4532 Dec 17 j 09:51	14°  ≈24'46	
morning set	-4532 Jan 05 j 16:33	3°  ≈05'29		max. Earth dist.	-4532 Dec 21 j 07:51	21°  ≈16'01	1.38448 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4532 Dec 26 j 02:49	0°♊		minimum elong	-4531 Dec 10 j 22:26	16°♊35'52	1°53'17
					-4531 Dec 18 j 04:27	0°♊	
superior conj	-4532 Dec 28 j 12:16	4°♊30'21	-1°51'04	evening rise	-4531 Dec 20 j 21:09	5°♊05'19	
minimum elong	-4532 Dec 28 j 13:51	4°♊37'55	1°51'12	asc. node	-4531 Dec 31 j 09:06	23°♊46'02	
evening rise	-4531 Jan 06 j 08:32	21°♊43'35			-4530 Jan 05 j 00:50	0°♋	
	-4531 Jan 10 j 15:24	0°♋		evening max el	-4530 Jan 06 j 03:19	1°♋08'52	18°21'03
asc. node	-4531 Jan 13 j 12:00	5°♋12'58		retrograde	-4530 Jan 13 j 10:29	4°♋46'01	
evening max el	-4531 Jan 22 j 22:14	18°♋26'40	18°53'56	evening set	-4530 Jan 15 j 23:49	4°♋20'35	
retrograde	-4531 Jan 31 j 05:26	22°♋26'02			-4530 Jan 22 j 19:39	30°♌♊	
evening set	-4531 Feb 02 j 16:03	22°♋06'44		inferior conj	-4530 Jan 23 j 04:44	29°♊40'59	3°59'55
inferior conj	-4531 Feb 10 j 12:32	17°♋48'03	3°27'19	minimum elong	-4530 Jan 23 j 06:15	29°♊37'48	3°59'35
minimum elong	-4531 Feb 10 j 16:48	17°♋40'19	3°26'19	min. Earth dist.	-4530 Jan 26 j 13:10	26°♊53'19	0.59464 AU
min. Earth dist.	-4531 Feb 13 j 17:41	15°♋29'55	0.57552 AU	morning rise	-4530 Jan 30 j 10:46	24°♊11'27	
morning rise	-4531 Feb 18 j 15:04	12°♋41'27		direct	-4530 Feb 05 j 21:45	22°♊20'46	
direct	-4531 Feb 24 j 02:11	11°♋29'53		desc. node	-4530 Feb 12 j 06:38	24°♊01'15	
desc. node	-4531 Feb 25 j 09:33	11°♋34'01		morning max el	-4530 Feb 20 j 03:07	29°♊55'50	26°58'09
morning max el	-4531 Mar 10 j 07:36	18°♋52'18	25°47'23		-4530 Feb 20 j 04:50	0°♌	
	-4531 Mar 19 j 15:53	0°♍			-4530 Mar 13 j 11:49	0°♍	
	-4531 Apr 05 j 20:11	0°♎		morning set	-4530 Mar 22 j 11:58	17°♍30'23	
morning set	-4531 Apr 07 j 01:50	2°♎34'16			-4530 Mar 28 j 07:54	0°♎	
asc. node	-4531 Apr 11 j 11:34	12°♎00'51		asc. node	-4530 Mar 29 j 08:32	2°♎14'43	
superior conj	-4531 Apr 14 j 01:53	17°♎40'46	0°26'42	superior conj	-4530 Mar 29 j 13:39	2°♎42'41	0°02'14
minimum elong	-4531 Apr 14 j 00:44	17°♎34'29	0°26'25	minimum elong	-4530 Mar 29 j 13:33	2°♎42'09	0°02'05
max. Earth dist.	-4531 Apr 14 j 18:52	19°♎13'22	1.32802 AU	behind sun begin	-4530 Mar 29 j 08:35	2°♎14'59	
	-4531 Apr 19 j 19:20	0°♏		behind sun end	-4530 Mar 29 j 18:31	3°♎09'19	
evening rise	-4531 Apr 21 j 04:45	2°♏53'58		max. Earth dist.	-4530 Mar 29 j 08:25	2°♎14'01	1.32591 AU
	-4531 May 05 j 23:36	0°♐		evening rise	-4530 Apr 05 j 13:24	17°♎47'33	
evening max el	-4531 May 22 j 07:07	21°♐05'29	27°04'13		-4530 Apr 11 j 15:57	0°♏	
desc. node	-4531 May 24 j 08:08	22°♐56'24			-4530 May 01 j 13:20	0°♐	
retrograde	-4531 Jun 05 j 06:18	28°♐27'27		evening max el	-4530 May 04 j 06:55	2°♐48'09	26°11'13
evening set	-4531 Jun 12 j 03:25	26°♐18'17		desc. node	-4530 May 11 j 05:17	8°♐04'38	
min. Earth dist.	-4531 Jun 15 j 20:35	23°♐32'42	0.61243 AU	retrograde	-4530 May 18 j 09:03	10°♐06'01	
inferior conj	-4531 Jun 19 j 01:58	20°♐42'12	-4°13'37	evening set	-4530 May 24 j 11:55	8°♐33'11	
minimum elong	-4531 Jun 19 j 03:15	20°♐39'22	4°13'24	min. Earth dist.	-4530 May 28 j 19:40	5°♐50'25	0.59203 AU
morning rise	-4531 Jun 26 j 04:43	15°♐50'17		inferior conj	-4530 Jun 01 j 04:43	3°♐15'27	-4°10'33
direct	-4531 Jun 28 j 18:11	15°♐23'11		minimum elong	-4530 Jun 01 j 02:54	3°♐18'57	4°10'19
morning max el	-4531 Jul 05 j 17:28	18°♐50'13	18°02'35		-4530 Jun 05 j 22:19	30°♑♏	
asc. node	-4531 Jul 08 j 11:17	21°♐55'24		morning rise	-4530 Jun 08 j 20:25	28°♑45'27	
	-4531 Jul 13 j 20:55	0°♒		direct	-4530 Jun 11 j 08:33	28°♑23'41	
morning set	-4531 Jul 21 j 19:06	14°♒09'38			-4530 Jun 16 j 11:08	0°♒	
	-4531 Jul 30 j 12:13	0°♓		morning max el	-4530 Jun 19 j 02:40	2°♒05'37	18°27'30
				asc. node	-4530 Jun 25 j 08:19	10°♒00'04	
superior conj	-4531 Aug 01 j 03:06	2°♓51'40	1°40'46	morning set	-4530 Jul 05 j 06:23	27°♒45'25	
minimum elong	-4531 Aug 01 j 06:34	3°♓06'50	1°40'47		-4530 Jul 06 j 10:27	0°♒	
max. Earth dist.	-4531 Aug 08 j 14:43	15°♓39'08	1.41965 AU				
evening rise	-4531 Aug 14 j 20:34	25°♓48'56		superior conj	-4530 Jul 14 j 10:27	15°♒09'19	1°49'03
	-4531 Aug 17 j 12:06	0°♑		minimum elong	-4530 Jul 14 j 11:08	15°♒12'30	1°49'14
desc. node	-4531 Aug 20 j 07:09	4°♑20'33		max. Earth dist.	-4530 Jul 21 j 18:35	28°♒18'31	1.40096 AU
	-4531 Sep 06 j 22:25	0°♑			-4530 Jul 22 j 18:06	0°♓	
evening max el	-4531 Sep 16 j 11:24	11°♑32'42	22°11'02	evening rise	-4530 Jul 26 j 05:32	5°♓53'07	
retrograde	-4531 Sep 25 j 20:22	17°♑06'43		desc. node	-4530 Aug 07 j 04:10	24°♓49'23	
evening set	-4531 Sep 30 j 07:47	15°♑18'54			-4530 Aug 10 j 15:46	0°♑	
asc. node	-4531 Oct 04 j 10:18	10°♑42'27		evening max el	-4530 Aug 30 j 00:53	24°♑58'01	23°31'34
inferior conj	-4531 Oct 05 j 15:17	9°♑03'11	0°24'43		-4530 Sep 05 j 08:54	0°♑	
minimum elong	-4531 Oct 05 j 14:43	9°♑05'10	0°24'34	retrograde	-4530 Sep 09 j 13:02	1°♑10'55	
min. Earth dist.	-4531 Oct 05 j 16:44	8°♑58'09	0.67363 AU		-4530 Sep 13 j 08:14	30°♒♑	
morning rise	-4531 Oct 10 j 21:31	2°♑48'32		evening set	-4530 Sep 14 j 14:36	29°♒03'18	
direct	-4531 Oct 15 j 13:38	0°♑53'17		inferior conj	-4530 Sep 19 j 21:50	22°♒44'51	-0°28'38
morning max el	-4531 Oct 25 j 06:39	6°♑40'27	22°36'28	minimum elong	-4530 Sep 19 j 22:30	22°♒42'35	0°28'12
	-4531 Nov 12 j 05:12	0°♒		min. Earth dist.	-4530 Sep 19 j 13:04	23°♒14'52	0.67370 AU
desc. node	-4531 Nov 16 j 07:05	6°♒03'09		asc. node	-4530 Sep 21 j 07:27	20°♒51'15	
morning set	-4531 Nov 27 j 23:33	24°♒22'01		morning rise	-4530 Sep 25 j 06:20	16°♒34'04	
	-4531 Dec 01 j 09:21	0°♓		direct	-4530 Sep 29 j 08:49	14°♒59'43	
max. Earth dist.	-4531 Dec 03 j 05:18	3°♓05'20	1.40512 AU	morning max el	-4530 Oct 07 j 23:07	20°♒04'23	21°15'05
					-4530 Oct 16 j 03:06	0°♑	
superior conj	-4531 Dec 10 j 23:27	16°♓40'28	-1°53'09	desc. node	-4530 Nov 03 j 04:02	26°♑26'40	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4530 Nov 05 j 11:09	0°♊		desc. node	-4529 Oct 21 j 00:56	17°♑00'19	
morning set	-4530 Nov 07 j 10:29	3°♊04'58		max. Earth dist.	-4529 Oct 28 j 18:56	29°♑14'33	1.43838 AU
max. Earth dist.	-4530 Nov 15 j 08:40	15°♊46'43	1.42391 AU		-4529 Oct 29 j 06:19	0°♊	
superior conj	-4530 Nov 22 j 12:02	27°♊43'20	-1°42'21	superior conj	-4529 Nov 02 j 21:19	7°♊28'04	-1°15'31
minimum elong	-4530 Nov 22 j 07:27	27°♊23'45	1°42'09	minimum elong	-4529 Nov 02 j 14:31	7°♊00'22	1°14'49
	-4530 Nov 23 j 19:52	0°♋		evening rise	-4529 Nov 16 j 02:40	29°♊38'04	
evening rise	-4530 Dec 03 j 20:44	17°♋46'59			-4529 Nov 16 j 07:47	0°♋	
	-4530 Dec 10 j 17:11	0°♌		evening max el	-4529 Dec 04 j 02:17	27°♋28'36	18°14'28
asc. node	-4530 Dec 18 j 06:12	11°♌35'41		asc. node	-4529 Dec 05 j 03:21	28°♋28'04	
evening max el	-4530 Dec 20 j 13:39	14°♌12'22	18°08'08		-4529 Dec 07 j 05:28	0°♌	
retrograde	-4530 Dec 27 j 07:19	17°♌41'01		retrograde	-4529 Dec 10 j 15:31	1°♌00'18	
evening set	-4530 Dec 29 j 23:24	17°♌08'23		evening set	-4529 Dec 13 j 11:09	0°♌19'09	
inferior conj	-4529 Jan 05 j 15:27	12°♌07'28	4°02'59		-4529 Dec 14 j 01:41	30°♌	
minimum elong	-4529 Jan 05 j 14:22	12°♌10'06	4°02'44	inferior conj	-4529 Dec 19 j 16:53	24°♌58'09	3°45'24
min. Earth dist.	-4529 Jan 08 j 15:55	9°♌13'41	0.61453 AU	minimum elong	-4529 Dec 19 j 14:13	25°♌05'23	3°44'49
morning rise	-4529 Jan 12 j 04:06	6°♌21'58		min. Earth dist.	-4529 Dec 22 j 03:52	22°♌18'49	0.63271 AU
direct	-4529 Jan 19 j 03:49	3°♌57'01		morning rise	-4529 Dec 25 j 16:36	19°♌01'24	
desc. node	-4529 Jan 30 j 03:43	8°♌53'36		direct	-4528 Jan 01 j 18:01	16°♌15'43	
morning max el	-4529 Feb 02 j 04:59	11°♌38'55	27°36'24	morning max el	-4528 Jan 15 j 11:43	23°♌59'04	27°38'33
	-4529 Feb 16 j 17:15	0°♍		desc. node	-4528 Jan 17 j 00:45	25°♌33'31	
	-4529 Mar 05 j 16:11	0°♎			-4528 Jan 20 j 23:04	0°♎	
morning set	-4529 Mar 06 j 18:19	2°♎13'00			-4528 Feb 09 j 23:54	0°♏	
max. Earth dist.	-4529 Mar 12 j 20:32	15°♎06'55	1.32725 AU	morning set	-4528 Feb 18 j 18:26	16°♏32'51	
				max. Earth dist.	-4528 Feb 24 j 03:15	27°♏37'31	1.33231 AU
					-4528 Feb 25 j 06:03	0°♎	
superior conj	-4529 Mar 14 j 00:45	17°♎40'14	-0°22'44				
minimum elong	-4529 Mar 14 j 01:46	17°♎45'46	0°22'41	superior conj	-4528 Feb 26 j 09:25	2°♎26'29	-0°47'14
asc. node	-4529 Mar 16 j 05:33	22°♎27'57		minimum elong	-4528 Feb 26 j 11:28	2°♎37'27	0°47'02
	-4529 Mar 19 j 17:13	0°♏		asc. node	-4528 Mar 02 j 02:33	12°♎35'35	
evening rise	-4529 Mar 21 j 00:28	2°♏45'43		evening rise	-4528 Mar 04 j 12:04	17°♎41'06	
	-4529 Apr 04 j 21:12	0°♐			-4528 Mar 10 j 15:26	0°♏	
evening max el	-4529 Apr 16 j 01:01	13°♐52'54	24°52'28	evening max el	-4528 Mar 27 j 17:12	24°♏37'44	23°19'53
desc. node	-4529 Apr 28 j 02:25	20°♐50'25			-4528 Apr 04 j 08:21	0°♐	
retrograde	-4529 Apr 30 j 01:28	20°♐59'24		retrograde	-4528 Apr 10 j 04:56	1°♐17'33	
evening set	-4529 May 04 j 23:13	20°♐04'12		evening set	-4528 Apr 13 j 19:16	0°♐49'13	
min. Earth dist.	-4529 May 10 j 13:18	17°♐08'11	0.57294 AU	desc. node	-4528 Apr 13 j 23:33	0°♐46'24	
inferior conj	-4529 May 13 j 12:05	15°♐10'39	-3°35'35		-4528 Apr 16 j 06:04	30°♐	
minimum elong	-4529 May 13 j 07:07	15°♐18'58	3°34'37	min. Earth dist.	-4528 Apr 21 j 04:20	27°♐28'31	0.55861 AU
morning rise	-4529 May 21 j 18:09	11°♐00'03		inferior conj	-4528 Apr 22 j 23:47	26°♐24'17	-2°21'18
direct	-4529 May 24 j 05:08	10°♐42'37		minimum elong	-4528 Apr 22 j 18:20	26°♐32'21	2°19'45
morning max el	-4529 Jun 02 j 04:44	14°♐54'01	19°12'38	morning rise	-4528 May 01 j 19:58	22°♐25'25	
asc. node	-4529 Jun 12 j 05:20	28°♐45'54		direct	-4528 May 04 j 07:24	22°♐10'19	
	-4529 Jun 12 j 22:03	0°♑		morning max el	-4528 May 14 j 21:04	27°♐05'42	20°18'03
morning set	-4529 Jun 19 j 03:38	11°♑53'17			-4528 May 17 j 15:35	0°♐	
				asc. node	-4528 May 29 j 02:20	18°♐02'45	
superior conj	-4529 Jun 27 j 11:51	28°♑22'52	1°46'54	morning set	-4528 Jun 02 j 07:54	26°♐25'29	
minimum elong	-4529 Jun 27 j 10:30	28°♑16'19	1°47'02		-4528 Jun 04 j 01:55	0°♑	
	-4529 Jun 28 j 07:58	0°♒					
max. Earth dist.	-4529 Jul 03 j 19:52	10°♒18'57	1.38158 AU	superior conj	-4528 Jun 10 j 02:15	12°♑17'50	1°37'04
evening rise	-4529 Jul 07 j 16:56	17°♒15'20		minimum elong	-4528 Jun 09 j 23:49	12°♑05'32	1°37'00
	-4529 Jul 15 j 06:23	0°♓		max. Earth dist.	-4528 Jun 15 j 01:09	22°♑05'12	1.36382 AU
desc. node	-4529 Jul 25 j 01:12	15°♓04'08		evening rise	-4528 Jun 19 j 03:05	29°♑46'46	
	-4529 Aug 05 j 00:34	0°♓			-4528 Jun 19 j 05:58	0°♒	
evening max el	-4529 Aug 12 j 11:47	8°♓26'16	24°50'55		-4528 Jul 07 j 10:47	0°♓	
retrograde	-4529 Aug 24 j 01:49	15°♓12'05		desc. node	-4528 Jul 10 j 22:14	4°♓58'22	
evening set	-4529 Aug 29 j 18:21	12°♓45'53		evening max el	-4528 Jul 24 j 22:35	21°♓57'37	26°01'07
min. Earth dist.	-4529 Sep 03 j 07:38	7°♓32'39	0.67077 AU	retrograde	-4528 Aug 06 j 09:56	29°♓05'49	
inferior conj	-4529 Sep 04 j 03:03	6°♓28'10	-1°21'24	evening set	-4528 Aug 12 j 17:02	26°♓25'02	
minimum elong	-4529 Sep 04 j 04:55	6°♓21'56	1°20'27	min. Earth dist.	-4528 Aug 16 j 21:58	21°♓49'33	0.66456 AU
asc. node	-4529 Sep 08 j 04:36	1°♓36'45		inferior conj	-4528 Aug 18 j 05:06	20°♓11'19	-2°11'49
morning rise	-4529 Sep 09 j 15:30	0°♓24'19		minimum elong	-4528 Aug 18 j 08:01	20°♓02'08	2°10'33
	-4529 Sep 10 j 06:42	30°♓		morning rise	-4528 Aug 23 j 23:07	14°♓17'45	
direct	-4529 Sep 13 j 06:21	29°♓08'33		asc. node	-4528 Aug 25 j 01:43	13°♓43'31	
	-4529 Sep 16 j 09:56	0°♓		direct	-4528 Aug 27 j 04:38	13°♓17'34	
morning max el	-4529 Sep 20 j 22:32	3°♓36'10	20°04'07	morning max el	-4528 Sep 03 j 04:49	17°♓16'01	19°07'13
	-4529 Oct 10 j 00:35	0°♓			-4528 Sep 12 j 19:46	0°♓	
morning set	-4529 Oct 17 j 08:52	11°♓17'40					

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning set	-4528 Sep 25 j 18:15	20°08'09		morning max el	-4527 Aug 17 j 16:19	1°00'48	18°26'20
	-4528 Oct 02 j 00:42	0°00'		morning set	-4527 Sep 06 j 05:00	0°01'35	
desc. node	-4528 Oct 06 j 21:51	7°00'46			-4527 Sep 06 j 01:41	0°00'	
max. Earth dist.	-4528 Oct 10 j 10:52	13°00'15	1.44665 AU				
				superior conj	-4527 Sep 21 j 05:12	24°02'19	0°16'10
superior conj	-4528 Oct 12 j 05:46	16°00'51	-0°33'15	minimum elong	-4527 Sep 21 j 07:17	24°02'33	0°16'02
minimum elong	-4528 Oct 12 j 01:34	15°00'48	0°32'39	behind sun begin	-4527 Sep 21 j 05:12	24°02'19	
	-4528 Oct 20 j 23:02	0°00'		behind sun end	-4527 Sep 21 j 09:22	24°02'37	
evening rise	-4528 Oct 27 j 10:19	10°02'29	54	max. Earth dist.	-4527 Sep 23 j 05:15	27°02'31	07
	-4528 Nov 08 j 11:52	0°00'		desc. node	-4527 Sep 23 j 18:46	28°02'24	27
evening max el	-4528 Nov 16 j 14:30	10°00'52	02		-4527 Sep 24 j 19:01	0°00'	
asc. node	-4528 Nov 21 j 00:28	14°00'08	18	evening rise	-4527 Oct 07 j 16:52	20°00'17	12
retrograde	-4528 Nov 23 j 07:08	14°00'36	43		-4527 Oct 13 j 21:21	0°00'	
evening set	-4528 Nov 26 j 07:46	13°00'45	17	greatest brilliancy	-4527 Oct 17 j 18:37	6°00'03	08
inferior conj	-4528 Dec 02 j 05:25	8°00'06	29	evening max el	-4527 Oct 30 j 23:45	24°00'18	10
minimum elong	-4528 Dec 02 j 02:12	8°00'16	04	retrograde	-4527 Nov 07 j 02:53	28°00'24	46
min. Earth dist.	-4528 Dec 04 j 01:40	5°00'54	52	asc. node	-4527 Nov 07 j 21:35	28°00'21	16
morning rise	-4528 Dec 07 j 20:15	2°00'01	17	evening set	-4527 Nov 10 j 10:24	27°00'20	50
	-4528 Dec 10 j 22:12	30°00'00		inferior conj	-4527 Nov 16 j 01:54	21°00'27	17
direct	-4528 Dec 14 j 14:50	29°00'10	21	minimum elong	-4527 Nov 15 j 22:54	21°00'36	52
	-4528 Dec 18 j 13:43	0°00'		min. Earth dist.	-4527 Nov 17 j 08:25	19°00'49	44
morning max el	-4528 Dec 27 j 20:58	6°00'47	51	morning rise	-4527 Nov 21 j 11:09	15°00'15	54
desc. node	-4527 Jan 02 j 21:47	13°00'30	20	direct	-4527 Nov 27 j 17:35	12°00'32	19
	-4527 Jan 14 j 20:31	0°00'		morning max el	-4527 Dec 10 j 06:36	19°00'53	56
morning set	-4527 Feb 01 j 09:17	0°00'20	06		-4527 Dec 18 j 23:45	0°00'	
	-4527 Feb 01 j 05:08	0°00'		desc. node	-4527 Dec 20 j 18:46	2°00'21	18
max. Earth dist.	-4527 Feb 06 j 01:03	9°00'36	23		-4526 Jan 07 j 22:29	0°00'	
				morning set	-4526 Jan 15 j 10:51	13°00'22	29
superior conj	-4527 Feb 09 j 13:42	16°00'35	44	max. Earth dist.	-4526 Jan 19 j 11:30	21°00'20	01
minimum elong	-4527 Feb 09 j 16:30	17°00'09	38		-4526 Jan 23 j 23:46	0°00'	
	-4527 Feb 15 j 18:14	0°00'					
evening rise	-4527 Feb 16 j 22:27	2°00'27	41	superior conj	-4526 Jan 24 j 11:12	0°00'35	59
asc. node	-4527 Feb 16 j 23:33	2°00'33	22	minimum elong	-4526 Jan 24 j 14:15	1°00'13	33
	-4527 Mar 04 j 16:20	0°00'		evening rise	-4526 Feb 01 j 05:48	16°00'35	91
evening max el	-4527 Mar 09 j 13:20	5°00'28	45	asc. node	-4526 Feb 03 j 20:34	22°00'31	62
retrograde	-4527 Mar 21 j 21:06	11°00'25	09		-4526 Feb 07 j 21:34	0°00'	
evening set	-4527 Mar 24 j 13:35	11°00'09	01	evening max el	-4526 Feb 19 j 18:20	16°00'47	34
desc. node	-4527 Mar 31 j 20:43	8°00'13	40	retrograde	-4526 Mar 02 j 11:37	21°00'52	57
inferior conj	-4527 Apr 02 j 21:36	7°00'05	41	evening set	-4526 Mar 04 j 19:52	21°00'39	22
minimum elong	-4527 Apr 02 j 20:02	7°00'07	53	inferior conj	-4526 Mar 13 j 18:21	17°00'40	52
min. Earth dist.	-4527 Apr 02 j 18:19	7°00'10	19	minimum elong	-4526 Mar 13 j 21:47	17°00'35	48
morning rise	-4527 Apr 12 j 03:10	3°00'04	38	min. Earth dist.	-4526 Mar 15 j 08:22	16°00'45	01
direct	-4527 Apr 14 j 21:25	2°00'47	42	desc. node	-4526 Mar 18 j 17:52	14°00'54	29
morning max el	-4527 Apr 27 j 02:25	8°00'35	28	morning rise	-4526 Mar 22 j 22:12	13°00'19	51
	-4527 May 12 j 00:43	0°00'		direct	-4526 Mar 26 j 10:56	12°00'52	41
asc. node	-4527 May 15 j 23:17	7°00'42	18	morning max el	-4526 Apr 08 j 22:25	19°00'29	27
morning set	-4527 May 17 j 16:43	11°00'14	26		-4526 Apr 17 j 15:42	0°00'	
				morning set	-4526 May 02 j 04:10	26°00'14	07
superior conj	-4527 May 25 j 01:43	26°00'42	11	asc. node	-4526 May 02 j 20:14	27°00'38	27
minimum elong	-4527 May 24 j 23:00	26°00'28	01		-4526 May 03 j 23:00	0°00'	
	-4527 May 26 j 15:52	0°00'					
max. Earth dist.	-4527 May 28 j 15:19	4°00'02	28	superior conj	-4526 May 09 j 07:22	11°00'27	05
evening rise	-4527 Jun 02 j 06:30	13°00'08	11	minimum elong	-4526 May 09 j 04:57	11°00'14	13
	-4527 Jun 11 j 13:46	0°00'		max. Earth dist.	-4526 May 11 j 15:20	16°00'23	57
desc. node	-4527 Jun 27 j 19:18	24°00'22	39	evening rise	-4526 May 16 j 22:24	27°00'15	19
	-4527 Jul 02 j 08:37	0°00'			-4526 May 18 j 07:50	0°00'	
evening max el	-4527 Jul 07 j 09:55	5°00'24	50		-4526 Jun 04 j 20:18	0°00'	
retrograde	-4527 Jul 20 j 12:53	12°00'45	06	desc. node	-4526 Jun 14 j 16:24	13°00'04	09
evening set	-4527 Jul 27 j 08:16	9°00'57	03	evening max el	-4526 Jun 19 j 20:45	18°00'37	05
min. Earth dist.	-4527 Jul 31 j 05:37	6°00'00	11	retrograde	-4526 Jul 03 j 10:24	26°00'01	55
inferior conj	-4527 Aug 02 j 01:56	3°00'50	20	evening set	-4526 Jul 10 j 13:07	23°00'17	51
minimum elong	-4527 Aug 02 j 05:30	3°00'39	51	min. Earth dist.	-4526 Jul 14 j 04:41	19°00'56	26
	-4527 Aug 05 j 15:25	30°00'00		inferior conj	-4526 Jul 16 j 15:07	17°00'20	37
morning rise	-4527 Aug 08 j 03:05	28°00'10	23	minimum elong	-4526 Jul 16 j 18:41	17°00'11	05
direct	-4527 Aug 11 j 01:32	27°00'22	43	morning rise	-4526 Jul 23 j 00:59	11°00'57	26
asc. node	-4527 Aug 11 j 22:47	27°00'27	01	direct	-4526 Jul 25 j 18:28	11°00'19	31
	-4527 Aug 16 j 14:46	0°00'		asc. node	-4526 Jul 29 j 19:50	12°00'42	36

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning max el	-4526 Aug 01 j 06:42	14° Π 46'03	18°02'39	morning rise	-4525 Jul 06 j 13:52	25° \mathcal{B} 31'50	
	-4526 Aug 11 j 23:00	0° \mathcal{E}		direct	-4525 Jul 09 j 04:14	25° \mathcal{B} 01'24	
morning set	-4526 Aug 18 j 18:20	11° \mathcal{E} 34'53		morning max el	-4525 Jul 15 j 21:18	28° \mathcal{B} 25'37	17°57'08
	-4526 Aug 29 j 17:16	0° \mathcal{Q}		asc. node	-4525 Jul 16 j 16:53	29° \mathcal{B} 16'00	
					-4525 Jul 17 j 08:40	0° Π	
superior conj	-4526 Aug 31 j 18:28	3° \mathcal{Q} 21'10	0°59'56	morning set	-4525 Aug 01 j 05:40	23° Π 59'09	
minimum elong	-4526 Sep 01 j 00:14	3° \mathcal{Q} 44'36	0°59'28		-4525 Aug 04 j 14:20	0° \mathcal{E}	
max. Earth dist.	-4526 Sep 05 j 22:05	11° \mathcal{Q} 39'01	1.44150 AU				
desc. node	-4526 Sep 10 j 15:42	19° \mathcal{Q} 08'29		superior conj	-4525 Aug 12 j 10:15	13° \mathcal{E} 40'02	1°30'06
evening rise	-4526 Sep 17 j 02:29	29° \mathcal{Q} 11'11		minimum elong	-4525 Aug 12 j 15:13	14° \mathcal{E} 01'12	1°29'54
	-4526 Sep 17 j 15:07	0° \mathcal{M}		max. Earth dist.	-4525 Aug 19 j 10:31	25° \mathcal{E} 21'40	1.42900 AU
	-4526 Oct 07 j 19:26	0° \mathcal{L}			-4525 Aug 22 j 07:19	0° \mathcal{Q}	
evening max el	-4526 Oct 14 j 04:02	7° \mathcal{L} 44'24	20°17'30	evening rise	-4525 Aug 27 j 06:43	7° \mathcal{Q} 52'57	
retrograde	-4526 Oct 22 j 00:07	12° \mathcal{L} 20'49		desc. node	-4525 Aug 28 j 12:41	9° \mathcal{Q} 49'44	
evening set	-4526 Oct 25 j 16:40	11° \mathcal{L} 01'50			-4525 Sep 10 j 21:49	0° \mathcal{M}	
asc. node	-4526 Oct 25 j 18:43	10° \mathcal{L} 58'07		evening max el	-4525 Sep 27 j 02:14	21° \mathcal{M} 10'10	21°26'59
inferior conj	-4526 Oct 31 j 03:47	4° \mathcal{L} 56'56	1°45'59	retrograde	-4525 Oct 05 j 20:43	26° \mathcal{M} 22'20	
minimum elong	-4526 Oct 31 j 01:31	5° \mathcal{L} 04'35	1°45'06	evening set	-4525 Oct 10 j 00:35	24° \mathcal{M} 45'49	
min. Earth dist.	-4526 Oct 31 j 22:08	3° \mathcal{L} 55'21	0.66731 AU	asc. node	-4525 Oct 12 j 15:52	22° \mathcal{M} 07'01	
	-4526 Nov 04 j 02:23	30° \mathcal{R} \mathcal{M}		inferior conj	-4525 Oct 15 j 08:57	18° \mathcal{M} 33'08	0°55'04
morning rise	-4526 Nov 05 j 10:09	28° \mathcal{M} 41'54		minimum elong	-4525 Oct 15 j 07:42	18° \mathcal{M} 37'26	0°54'36
direct	-4526 Nov 11 j 01:55	26° \mathcal{M} 14'01		min. Earth dist.	-4525 Oct 15 j 16:26	18° \mathcal{M} 07'25	0.67217 AU
	-4526 Nov 19 j 05:59	0° \mathcal{L}		morning rise	-4525 Oct 20 j 14:39	12° \mathcal{M} 17'18	
morning max el	-4526 Nov 22 j 15:29	3° \mathcal{L} 06'56	24°51'21	direct	-4525 Oct 25 j 15:15	10° \mathcal{M} 09'33	
desc. node	-4526 Dec 07 j 15:44	21° \mathcal{L} 50'22		morning max el	-4525 Nov 05 j 00:50	16° \mathcal{M} 22'31	23°25'48
	-4526 Dec 13 j 05:20	0° \mathcal{M}			-4525 Nov 16 j 05:51	0° \mathcal{L}	
morning set	-4526 Dec 28 j 17:42	25° \mathcal{M} 24'11		desc. node	-4525 Nov 24 j 12:41	11° \mathcal{L} 46'45	
	-4526 Dec 31 j 07:13	0° \mathcal{X}			-4525 Dec 06 j 06:18	0° \mathcal{M}	
max. Earth dist.	-4525 Jan 01 j 11:25	2° \mathcal{X} 08'54	1.37286 AU	morning set	-4525 Dec 09 j 23:48	6° \mathcal{M} 10'00	
				max. Earth dist.	-4525 Dec 14 j 07:03	13° \mathcal{M} 31'41	1.39324 AU
superior conj	-4525 Jan 07 j 22:45	14° \mathcal{X} 25'57	-1°45'29				
minimum elong	-4525 Jan 08 j 01:13	14° \mathcal{X} 38'00	1°45'31	superior conj	-4525 Dec 21 j 20:20	27° \mathcal{M} 08'39	-1°53'17
	-4525 Jan 15 j 18:16	0° \mathcal{B}		minimum elong	-4525 Dec 21 j 21:00	27° \mathcal{M} 11'41	1°53'28
evening rise	-4525 Jan 16 j 07:58	1° \mathcal{B} 08'34			-4525 Dec 23 j 08:58	0° \mathcal{X}	
asc. node	-4525 Jan 21 j 17:37	11° \mathcal{B} 38'09		evening rise	-4525 Dec 31 j 02:26	14° \mathcal{X} 49'39	
evening max el	-4525 Feb 02 j 09:49	28° \mathcal{B} 41'24	19°22'01		-4524 Jan 08 j 07:12	0° \mathcal{B}	
	-4525 Feb 03 j 21:44	0° \approx		asc. node	-4524 Jan 08 j 14:42	0° \mathcal{B} 31'33	
retrograde	-4525 Feb 11 j 12:14	3° \approx 01'04		evening max el	-4524 Jan 16 j 10:44	11° \mathcal{B} 08'24	18°37'32
evening set	-4525 Feb 13 j 20:59	2° \approx 44'51		retrograde	-4524 Jan 24 j 06:19	14° \mathcal{B} 56'12	
	-4525 Feb 19 j 23:34	30° \mathcal{R} \mathcal{B}		evening set	-4524 Jan 26 j 18:07	14° \mathcal{B} 34'28	
inferior conj	-4525 Feb 22 j 03:18	28° \mathcal{B} 36'30	2°51'55	inferior conj	-4524 Feb 03 j 07:43	10° \mathcal{B} 07'36	3°45'18
minimum elong	-4525 Feb 22 j 08:22	28° \mathcal{B} 28'04	2°50'28	minimum elong	-4524 Feb 03 j 10:55	10° \mathcal{B} 01'25	3°44'39
min. Earth dist.	-4525 Feb 24 j 23:14	26° \mathcal{B} 44'26	0.56601 AU	min. Earth dist.	-4524 Feb 06 j 16:16	7° \mathcal{B} 33'46	0.58336 AU
morning rise	-4525 Mar 02 j 17:07	23° \mathcal{B} 45'36		morning rise	-4524 Feb 11 j 01:21	4° \mathcal{B} 50'10	
desc. node	-4525 Mar 05 j 14:59	23° \mathcal{B} 01'53		direct	-4524 Feb 16 j 24:00	3° \mathcal{B} 21'47	
direct	-4525 Mar 07 j 10:44	22° \mathcal{B} 54'08		desc. node	-4524 Feb 20 j 12:07	3° \mathcal{B} 52'02	
	-4525 Mar 21 j 11:17	0° \approx		morning max el	-4524 Mar 02 j 05:59	10° \mathcal{B} 51'14	26°20'50
morning max el	-4525 Mar 21 j 13:36	0° \approx 05'32	24°56'03		-4524 Mar 17 j 00:04	0° \approx	
	-4525 Apr 11 j 01:53	0° \mathcal{H}		morning set	-4524 Mar 31 j 03:51	26° \approx 17'18	
morning set	-4525 Apr 16 j 16:26	11° \mathcal{H} 17'08			-4524 Apr 01 j 21:58	0° \mathcal{H}	
asc. node	-4525 Apr 19 j 17:12	17° \mathcal{H} 45'00		asc. node	-4524 Apr 05 j 14:12	7° \mathcal{H} 57'20	
superior conj	-4525 Apr 23 j 16:50	26° \mathcal{H} 23'46	0°40'18	superior conj	-4524 Apr 07 j 04:15	11° \mathcal{H} 25'23	0°16'27
minimum elong	-4525 Apr 23 j 15:09	26° \mathcal{H} 14'35	0°39'56	minimum elong	-4524 Apr 07 j 03:32	11° \mathcal{H} 21'27	0°16'12
max. Earth dist.	-4525 Apr 24 j 23:07	29° \mathcal{H} 07'42	1.33069 AU	max. Earth dist.	-4524 Apr 07 j 11:33	12° \mathcal{H} 05'15	1.32669 AU
	-4525 Apr 25 j 08:49	0° \mathcal{Y}		evening rise	-4524 Apr 14 j 05:22	26° \mathcal{H} 33'32	
evening rise	-4525 Apr 30 j 22:59	11° \mathcal{Y} 45'57			-4524 Apr 15 j 21:33	0° \mathcal{Y}	
	-4525 May 10 j 13:14	0° \mathcal{B}			-4524 May 03 j 03:53	0° \mathcal{B}	
	-4525 May 31 j 19:52	0° Π		evening max el	-4524 May 14 j 08:40	13° \mathcal{B} 29'52	26°45'26
desc. node	-4525 Jun 01 j 13:32	0° Π 44'22		desc. node	-4524 May 18 j 10:40	16° \mathcal{B} 57'35	
evening max el	-4525 Jun 02 j 05:05	1° Π 22'12	27°20'12	retrograde	-4524 May 28 j 09:49	20° \mathcal{B} 50'40	
retrograde	-4525 Jun 16 j 01:53	8° Π 46'41		evening set	-4524 Jun 04 j 00:25	18° \mathcal{B} 56'22	
evening set	-4525 Jun 23 j 03:53	6° Π 20'44		min. Earth dist.	-4524 Jun 07 j 22:10	16° \mathcal{B} 13'47	0.60375 AU
min. Earth dist.	-4525 Jun 26 j 18:06	3° Π 25'57	0.62361 AU	inferior conj	-4524 Jun 11 j 06:15	13° \mathcal{B} 27'12	-4°15'38
inferior conj	-4525 Jun 29 j 17:44	0° Π 35'42	-4°04'54	minimum elong	-4524 Jun 11 j 06:21	13° \mathcal{B} 27'00	4°15'29
minimum elong	-4525 Jun 29 j 20:14	0° Π 29'43	4°04'25	morning rise	-4524 Jun 18 j 14:17	8° \mathcal{B} 44'25	
	-4525 Jun 30 j 08:45	30° \mathcal{R} \mathcal{B}		direct	-4524 Jun 21 j 03:00	8° \mathcal{B} 19'47	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning max el	-4524 Jun 28 j 09:15	11°♄51'59	18°10'41			-4523 May 17 j 18:44	30°♄♂	
asc. node	-4524 Jul 02 j 13:56	16°♄51'28		min. Earth dist.		-4523 May 20 j 18:35	28°♄♂06'56	0.58354 AU
	-4524 Jul 10 j 12:23	0°♄		inferior conj		-4523 May 24 j 01:07	25°♄♂45'47	-4°00'16
morning set	-4524 Jul 14 j 09:34	7°♄12'24		minimum elong		-4523 May 23 j 21:50	25°♄♂51'44	3°59'47
				morning rise		-4523 May 31 j 22:44	21°♄♂24'15	
superior conj	-4524 Jul 24 j 04:33	25°♄17'54	1°45'44	direct		-4523 Jun 03 j 10:29	21°♄♂04'21	
minimum elong	-4524 Jul 24 j 06:47	25°♄27'57	1°45'52	morning max el		-4523 Jun 11 j 15:42	24°♄♂57'00	18°44'12
	-4524 Jul 26 j 20:01	0°♄				-4523 Jun 15 j 23:46	0°♄	
max. Earth dist.	-4524 Jul 31 j 17:28	8°♄26'28	1.41198 AU	asc. node		-4523 Jun 19 j 10:58	5°♄15'16	
evening rise	-4524 Aug 06 j 01:37	17°♄17'00		morning set		-4523 Jun 28 j 01:35	21°♄♂03'45	
desc. node	-4524 Aug 14 j 09:39	0°♄24'15				-4523 Jul 02 j 15:43	0°♄	
	-4524 Aug 14 j 03:19	0°♄						
	-4524 Sep 04 j 14:56	0°♄		superior conj		-4523 Jul 06 j 20:18	8°♄♂01'41	1°49'14
evening max el	-4524 Sep 08 j 18:33	4°♄35'27	22°45'04	minimum elong		-4523 Jul 06 j 20:01	8°♄♂00'18	1°49'26
retrograde	-4524 Sep 18 j 15:04	10°♄26'05		max. Earth dist.		-4523 Jul 13 j 20:12	20°♄♂50'12	1.39271 AU
evening set	-4524 Sep 23 j 08:16	8°♄30'07		evening rise		-4523 Jul 17 j 22:04	27°♄♂55'16	
inferior conj	-4524 Sep 28 j 15:29	2°♄13'01	0°02'06			-4523 Jul 19 j 03:32	0°♄	
minimum elong	-4524 Sep 28 j 15:26	2°♄13'12	0°02'13	desc. node		-4523 Aug 01 j 06:39	20°♄♂48'06	
transit middle	-4524 Sep 28 j 15:26	2°♄13'12	0°02'13			-4523 Aug 07 j 15:36	0°♄	
transit begin	-4524 Sep 28 j 12:46	2°♄22'25		evening max el		-4523 Aug 22 j 06:46	18°♄♂02'42	24°05'51
transit end	-4524 Sep 28 j 18:06	2°♄03'58		retrograde		-4523 Sep 02 j 06:00	24°♄♂29'48	
min. Earth dist.	-4524 Sep 28 j 12:41	2°♄22'41	0.67405 AU	evening set		-4523 Sep 07 j 14:00	22°♄♂13'59	
asc. node	-4524 Sep 28 j 13:01	2°♄21'31		inferior conj		-4523 Sep 12 j 21:41	15°♄♂55'41	-0°51'10
	-4524 Sep 30 j 06:39	30°♄♂		minimum elong		-4523 Sep 12 j 22:52	15°♄♂51'40	0°50'30
morning rise	-4524 Oct 03 j 22:28	25°♄59'32		min. Earth dist.		-4523 Sep 12 j 08:29	16°♄♂40'22	0.67295 AU
direct	-4524 Oct 08 j 08:40	24°♄13'07		asc. node		-4523 Sep 15 j 10:10	12°♄♂39'15	
morning max el	-4524 Oct 17 j 13:42	29°♄41'38	22°00'46	morning rise		-4523 Sep 18 j 07:41	9°♄♂47'37	
	-4524 Oct 17 j 20:51	0°♄		direct		-4523 Sep 22 j 05:02	8°♄21'25	
	-4524 Nov 09 j 01:28	0°♄		morning max el		-4523 Sep 30 j 09:00	13°♄♂08'46	20°43'17
desc. node	-4524 Nov 10 j 09:37	2°♄01'49				-4523 Oct 13 j 08:18	0°♄	
morning set	-4524 Nov 19 j 01:13	15°♄31'58		desc. node		-4523 Oct 28 j 06:31	22°♄♂30'03	
max. Earth dist.	-4524 Nov 25 j 06:21	25°♄41'28	1.41356 AU	morning set		-4523 Oct 29 j 04:07	23°♄♂53'55	
	-4524 Nov 27 j 19:45	0°♄				-4523 Nov 02 j 01:34	0°♄	
				max. Earth dist.		-4523 Nov 07 j 13:14	8°♄♂45'54	1.43085 AU
superior conj	-4524 Dec 02 j 22:36	8°♄51'50	-1°50'22					
minimum elong	-4524 Dec 02 j 20:06	8°♄40'50	1°50'24	superior conj		-4523 Nov 13 j 23:51	19°♄♂21'45	-1°33'01
evening rise	-4524 Dec 13 j 09:55	27°♄54'47		minimum elong		-4523 Nov 13 j 17:57	18°♄♂57'02	1°32'35
	-4524 Dec 14 j 12:58	0°♄				-4523 Nov 20 j 05:51	0°♄	
asc. node	-4524 Dec 25 j 11:48	18°♄♂47'18		evening rise		-4523 Nov 26 j 02:31	10°♄♂15'54	
evening max el	-4524 Dec 29 j 18:26	24°♄♂00'36	18°13'09			-4523 Dec 07 j 16:44	0°♄	
retrograde	-4523 Jan 05 j 18:24	27°♄♂32'09		asc. node		-4523 Dec 12 j 08:55	6°♄♂14'04	
evening set	-4523 Jan 08 j 09:01	27°♄♂03'37		evening max el		-4523 Dec 13 j 06:02	7°♄♂09'55	18°08'28
inferior conj	-4523 Jan 15 j 08:07	22°♄♂14'53	4°04'13	retrograde		-4523 Dec 19 j 20:41	10°♄♂38'35	
minimum elong	-4523 Jan 15 j 08:25	22°♄♂14'11	4°04'01	evening set		-4523 Dec 22 j 14:13	10°♄♂02'22	
min. Earth dist.	-4523 Jan 18 j 14:13	19°♄♂21'54	0.60326 AU	inferior conj		-4523 Dec 29 j 01:32	4°♄♂52'18	3°57'36
morning rise	-4523 Jan 22 j 06:16	16°♄♂38'12		minimum elong		-4523 Dec 28 j 23:38	4°♄♂57'08	3°57'13
direct	-4523 Jan 29 j 00:23	14°♄♂31'34		min. Earth dist.		-4523 Dec 31 j 20:29	2°♄♂02'54	0.62261 AU
desc. node	-4523 Feb 06 j 09:13	17°♄♂24'55				-4522 Jan 03 j 02:19	30°♄♂	
morning max el	-4523 Feb 12 j 03:53	22°♄♂09'26	27°18'47	morning rise		-4522 Jan 04 j 08:09	29°♄♂01'38	
	-4523 Feb 19 j 02:35	0°♄		direct		-4522 Jan 11 j 09:43	26°♄♂26'21	
	-4523 Mar 09 j 22:18	0°♄				-4522 Jan 20 j 12:05	0°♄	
morning set	-4523 Mar 15 j 12:37	11°♄♂08'09		desc. node		-4522 Jan 24 j 06:17	3°♄♂07'11	
max. Earth dist.	-4523 Mar 22 j 00:57	25°♄♂04'09	1.32605 AU	morning max el		-4522 Jan 25 j 08:05	4°♄♂08'49	27°41'50
						-4522 Feb 13 j 16:33	0°♄	
superior conj	-4523 Mar 22 j 15:56	26°♄♂25'58	-0°08'22	morning set		-4522 Feb 27 j 16:35	25°♄♂41'51	
minimum elong	-4523 Mar 22 j 16:19	26°♄♂28'02	0°08'26			-4522 Mar 01 j 18:46	0°♄	
behind sun begin	-4523 Mar 22 j 12:02	26°♄♂04'40		max. Earth dist.		-4522 Mar 05 j 11:27	7°♄♂49'58	1.32893 AU
behind sun end	-4523 Mar 22 j 20:35	26°♄♂51'25						
asc. node	-4523 Mar 23 j 11:12	28°♄♂11'20		superior conj		-4522 Mar 07 j 02:10	11°♄♂19'00	-0°33'15
	-4523 Mar 24 j 07:05	0°♄		minimum elong		-4522 Mar 07 j 03:38	11°♄♂26'59	0°33'07
evening rise	-4523 Mar 29 j 15:17	11°♄♂30'00		asc. node		-4522 Mar 10 j 08:10	18°♄♂22'25	
	-4523 Apr 08 j 03:52	0°♄		evening rise		-4522 Mar 14 j 02:46	26°♄♂27'38	
evening max el	-4523 Apr 26 j 06:05	24°♄♂56'07	25°40'24			-4522 Mar 15 j 19:32	0°♄	
	-4523 May 02 j 20:42	0°♄				-4522 Apr 02 j 16:20	0°♄	
desc. node	-4523 May 05 j 07:49	1°♄♂10'15		evening max el		-4522 Apr 07 j 22:36	5°♄♂48'41	24°13'55
retrograde	-4523 May 10 j 08:11	2°♄♂09'36		retrograde		-4522 Apr 21 j 18:56	12°♄♂46'00	
evening set	-4523 May 15 j 23:41	0°♄53'37		desc. node		-4522 Apr 22 j 05:00	12°♄♂45'36	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4522 Apr 26 j 03:14	12° Υ 03'47		min. Earth dist.	-4521 Apr 14 j 00:50	18° H 59'26	0.55471 AU
min. Earth dist.	-4522 May 02 j 10:23	8° Υ 58'54	0.56604 AU	inferior conj	-4521 Apr 15 j 04:22	18° H 19'55	-1°38'35
inferior conj	-4522 May 04 j 23:48	7° Υ 22'33	-3°08'58	minimum elong	-4521 Apr 15 j 00:07	18° H 26'02	1°37'16
minimum elong	-4522 May 04 j 18:07	7° Υ 31'31	3°07'38	morning rise	-4521 Apr 24 j 05:33	14° H 22'27	
morning rise	-4522 May 13 j 12:06	3° Υ 18'37		direct	-4521 Apr 26 j 18:28	14° H 07'26	
direct	-4522 May 15 j 23:07	3° Υ 02'25		morning max el	-4521 May 08 j 01:38	19° H 24'36	20°51'45
morning max el	-4522 May 25 j 13:51	7° Υ 30'23	19°38'09		-4521 May 16 j 12:21	0° Υ	
asc. node	-4522 Jun 06 j 07:57	24° Υ 15'02		asc. node	-4521 May 24 j 04:55	13° Υ 41'59	
	-4522 Jun 09 j 08:52	0° Z		morning set	-4521 May 27 j 08:33	20° Υ 02'22	
morning set	-4522 Jun 12 j 02:09	5° Z 22'50			-4521 Jun 01 j 03:58	0° Z	
superior conj	-4522 Jun 20 j 03:47	21° Z 34'28	1°43'32	superior conj	-4521 Jun 03 j 22:27	5° Z 42'59	1°31'07
minimum elong	-4522 Jun 20 j 01:52	21° Z 25'00	1°43'35	minimum elong	-4521 Jun 03 j 19:49	5° Z 29'28	1°30'58
	-4522 Jun 24 j 12:12	0° II		max. Earth dist.	-4521 Jun 08 j 06:50	14° Z 28'00	1.35708 AU
max. Earth dist.	-4522 Jun 25 j 22:37	2° II 42'00	1.37369 AU	evening rise	-4521 Jun 12 j 13:50	22° Z 43'24	
evening rise	-4522 Jun 29 j 19:44	9° II 48'05			-4521 Jun 16 j 13:14	0° II	
	-4522 Jul 11 j 21:00	0° E			-4521 Jul 05 j 13:41	0° E	
desc. node	-4522 Jul 19 j 03:41	10° E 55'08		desc. node	-4521 Jul 06 j 00:45	0° E 37'44	
	-4522 Aug 03 j 05:03	0° O		evening max el	-4521 Jul 18 j 04:05	15° E 01'41	26°26'11
evening max el	-4522 Aug 04 j 17:18	1° O 32'13	25°22'15	retrograde	-4521 Jul 30 j 23:00	22° E 17'08	
retrograde	-4522 Aug 16 j 16:51	8° O 28'51		evening set	-4521 Aug 06 j 11:44	19° E 31'53	
evening set	-4522 Aug 22 j 15:52	5° O 55'26		min. Earth dist.	-4521 Aug 10 j 13:12	15° E 12'58	0.66077 AU
min. Earth dist.	-4522 Aug 27 j 01:26	0° O 58'20	0.66861 AU	inferior conj	-4521 Aug 12 j 01:50	13° E 20'33	-2°32'02
	-4522 Aug 27 j 19:21	30° R E		minimum elong	-4521 Aug 12 j 05:06	13° E 10'34	2°30'45
inferior conj	-4522 Aug 28 j 01:45	29° E 39'05	-1°43'09	morning rise	-4521 Aug 17 j 22:43	7° E 32'29	
minimum elong	-4522 Aug 28 j 04:06	29° E 31'27	1°42'03	asc. node	-4521 Aug 20 j 04:21	6° E 42'19	
asc. node	-4522 Sep 02 j 07:16	23° E 55'30		direct	-4521 Aug 21 j 00:50	6° E 38'11	
morning rise	-4522 Sep 02 j 16:25	23° E 39'30		morning max el	-4521 Aug 27 j 20:24	10° E 27'15	18°47'47
direct	-4522 Sep 06 j 03:00	22° E 30'53			-4521 Sep 10 j 17:16	0° O	
morning max el	-4522 Sep 13 j 11:36	26° E 44'50	19°38'04	morning set	-4521 Sep 17 j 23:53	11° O 36'07	
	-4522 Sep 16 j 08:31	0° O			-4521 Sep 29 j 14:09	0° O	
	-4522 Oct 06 j 17:33	0° O		desc. node	-4521 Oct 02 j 00:19	3° O 49'21	
morning set	-4522 Oct 08 j 04:37	2° O 16'12					
desc. node	-4522 Oct 15 j 03:25	13° O 07'13		superior conj	-4521 Oct 03 j 23:33	6° O 55'26	-0°12'25
max. Earth dist.	-4522 Oct 21 j 02:35	22° O 31'38	1.44275 AU	minimum elong	-4521 Oct 03 j 21:55	6° O 49'02	0°12'06
				behind sun begin	-4521 Oct 03 j 14:10	6° O 18'27	
superior conj	-4522 Oct 24 j 21:34	28° O 34'38	-0°59'10	behind sun end	-4521 Oct 04 j 05:41	7° O 19'38	
minimum elong	-4522 Oct 24 j 15:10	28° O 08'58	0°58'23	max. Earth dist.	-4521 Oct 03 j 19:28	6° O 39'21	1.44793 AU
	-4522 Oct 25 j 18:49	0° A			-4521 Oct 18 j 12:43	0° A	
evening rise	-4522 Nov 07 j 23:36	21° A 43'38		evening rise	-4521 Oct 19 j 20:41	2° A 08'03	
	-4522 Nov 12 j 21:41	0° M			-4521 Nov 06 j 22:19	0° M	
evening max el	-4522 Nov 26 j 18:45	20° M 29'51	18°22'43	evening max el	-4521 Nov 10 j 05:58	3° M 54'48	18°54'46
asc. node	-4522 Nov 29 j 06:01	22° M 37'57		asc. node	-4521 Nov 16 j 03:09	7° M 42'46	
retrograde	-4522 Dec 03 j 08:41	24° M 06'19		retrograde	-4521 Nov 17 j 02:25	7° M 48'03	
evening set	-4522 Dec 06 j 06:08	23° M 21'07		evening set	-4521 Nov 20 j 05:37	6° M 51'47	
inferior conj	-4522 Dec 12 j 08:10	17° M 52'02	3°33'27	inferior conj	-4521 Nov 26 j 00:27	1° M 06'29	2°57'29
minimum elong	-4522 Dec 12 j 05:09	18° M 00'33	3°32'41	minimum elong	-4521 Nov 25 j 21:15	1° M 16'20	2°56'29
min. Earth dist.	-4522 Dec 14 j 12:49	15° M 23'16	0.63950 AU		-4521 Nov 26 j 21:59	30° R A	
morning rise	-4522 Dec 18 j 03:37	11° M 51'05		min. Earth dist.	-4521 Nov 27 j 14:47	29° A 08'34	0.65309 AU
direct	-4522 Dec 25 j 02:47	9° M 01'33		morning rise	-4521 Dec 01 j 12:31	24° A 58'09	
morning max el	-4521 Jan 07 j 16:32	16° M 44'02	27°29'01	direct	-4521 Dec 08 j 02:24	22° A 08'44	
desc. node	-4521 Jan 11 j 03:18	20° M 23'33		morning max el	-4521 Dec 21 j 02:12	29° A 41'46	26°44'50
	-4521 Jan 18 j 18:50	0° A			-4521 Dec 21 j 09:28	0° M	
	-4521 Feb 06 j 09:48	0° Z		desc. node	-4521 Dec 29 j 00:18	8° M 45'45	
morning set	-4521 Feb 11 j 13:13	9° Z 49'42			-4520 Jan 12 j 16:11	0° A	
max. Earth dist.	-4521 Feb 16 j 14:57	20° Z 09'02	1.33569 AU	morning set	-4520 Jan 25 j 22:59	23° A 19'36	
					-4520 Jan 29 j 09:22	0° Z	
superior conj	-4521 Feb 19 j 09:13	25° Z 58'37	-0°57'15	max. Earth dist.	-4520 Jan 30 j 07:48	1° Z 51'45	1.34675 AU
minimum elong	-4521 Feb 19 j 11:37	26° Z 11'27	0°57'01				
	-4521 Feb 21 j 06:24	0° \approx		superior conj	-4520 Feb 03 j 10:55	10° Z 17'05	-1°19'11
asc. node	-4521 Feb 25 j 05:10	8° \approx 26'36		minimum elong	-4520 Feb 03 j 13:55	10° Z 32'36	1°18'58
evening rise	-4521 Feb 26 j 14:05	11° \approx 20'10		evening rise	-4520 Feb 10 j 23:23	26° Z 00'37	
	-4521 Mar 08 j 06:53	0° H		asc. node	-4520 Feb 12 j 02:11	28° Z 18'34	
evening max el	-4521 Mar 20 j 15:30	16° H 32'12	22°39'43		-4520 Feb 12 j 22:07	0° \approx	
retrograde	-4521 Apr 02 j 17:28	22° H 56'09		evening max el	-4520 Mar 01 j 15:01	27° \approx 33'07	21°10'58
evening set	-4521 Apr 05 j 20:42	22° H 34'35			-4520 Mar 04 j 13:29	0° H	
desc. node	-4521 Apr 09 j 02:08	21° H 31'24		retrograde	-4520 Mar 13 j 07:27	3° H 07'49	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4520 Mar 15 j 18:37	2° H 53'48		evening rise	-4519 Jan 25 j 04:49	10° Z 23'17	
	-4520 Mar 23 j 01:27	30° R \approx		asc. node	-4519 Jan 28 j 23:14	17° Z 53'07	
inferior conj	-4520 Mar 24 j 23:57	28° \approx 54'56	0°16'06		-4519 Feb 04 j 19:36	0° \approx	
minimum elong	-4520 Mar 25 j 00:41	28° \approx 53'53	0°15'44	evening max el	-4519 Feb 12 j 00:36	9° \approx 06'50	19°56'26
transit middle	-4520 Mar 25 j 00:41	28° \approx 53'53	0°15'44	retrograde	-4519 Feb 22 j 00:22	13° \approx 50'44	
transit begin	-4520 Mar 25 j 00:14	28° \approx 54'31		evening set	-4519 Feb 24 j 08:26	13° \approx 36'23	
transit end	-4520 Mar 25 j 01:08	28° \approx 53'15		inferior conj	-4519 Mar 05 j 00:28	9° \approx 35'28	2°03'47
min. Earth dist.	-4520 Mar 25 j 15:08	28° \approx 33'23	0.55207 AU	minimum elong	-4519 Mar 05 j 05:08	9° \approx 28'17	2°02'13
desc. node	-4520 Mar 25 j 23:17	28° \approx 21'52		min. Earth dist.	-4519 Mar 07 j 05:21	8° \approx 14'31	0.55869 AU
morning rise	-4520 Apr 03 j 06:19	24° \approx 46'49		desc. node	-4519 Mar 12 j 20:27	5° \approx 24'31	
direct	-4520 Apr 06 j 06:44	24° \approx 26'53		morning rise	-4519 Mar 13 j 23:38	5° \approx 02'14	
	-4520 Apr 18 j 10:19	0° H		direct	-4519 Mar 18 j 00:16	4° \approx 26'21	
morning max el	-4520 Apr 19 j 02:39	0° H 37'33	22°21'44	morning max el	-4519 Mar 31 j 19:39	11° \approx 19'47	24°00'22
	-4520 May 08 j 08:54	0° Y			-4519 Apr 14 j 20:07	0° H	
asc. node	-4520 May 10 j 01:53	3° Y 28'59		morning set	-4519 Apr 25 j 06:40	19° H 57'28	
morning set	-4520 May 10 j 18:41	4° Y 56'02		asc. node	-4519 Apr 26 j 22:51	23° H 29'53	
					-4519 Apr 29 j 23:28	0° Y	
superior conj	-4520 May 18 j 00:51	20° Y 16'45	1°13'54	superior conj	-4519 May 02 j 08:21	5° Y 07'01	0°53'17
minimum elong	-4520 May 17 j 22:12	20° Y 02'48	1°13'34	minimum elong	-4519 May 02 j 06:12	4° Y 55'28	0°52'53
max. Earth dist.	-4520 May 21 j 01:01	26° Y 33'20	1.34397 AU	max. Earth dist.	-4519 May 04 j 04:51	9° Y 05'28	1.33455 AU
	-4520 May 22 j 17:26	0° B		evening rise	-4519 May 09 j 19:05	20° Y 42'47	
evening rise	-4520 May 25 j 23:05	6° B 26'15			-4519 May 14 j 13:33	0° B	
	-4520 Jun 08 j 04:25	0° II			-4519 Jun 02 j 04:46	0° II	
desc. node	-4520 Jun 21 j 21:50	19° II 45'35		desc. node	-4519 Jun 08 j 18:58	8° II 03'30	
evening max el	-4520 Jun 29 j 15:30	28° II 24'14	27°09'35	evening max el	-4519 Jun 12 j 01:49	11° II 26'59	27°25'28
	-4520 Jul 01 j 08:54	0° E		retrograde	-4519 Jun 25 j 18:45	18° II 51'20	
retrograde	-4520 Jul 12 j 23:55	5° E 47'37		evening set	-4519 Jul 02 j 22:17	16° II 13'32	
evening set	-4520 Jul 19 j 22:59	2° E 59'54		min. Earth dist.	-4519 Jul 06 j 12:42	13° II 04'41	0.63394 AU
	-4520 Jul 23 j 02:23	30° R II		inferior conj	-4519 Jul 09 j 04:53	10° II 21'18	-3°50'31
min. Earth dist.	-4520 Jul 23 j 17:35	29° II 18'31	0.64922 AU	minimum elong	-4519 Jul 09 j 08:08	10° II 12'58	3°49'45
inferior conj	-4520 Jul 25 j 19:47	26° II 56'40	-3°15'34	morning rise	-4519 Jul 15 j 18:52	5° II 05'45	
minimum elong	-4520 Jul 25 j 23:27	26° II 46'17	3°14'23	direct	-4519 Jul 18 j 10:54	4° II 31'08	
morning rise	-4520 Aug 01 j 00:25	21° II 23'17		asc. node	-4519 Jul 23 j 22:29	6° II 56'12	
direct	-4520 Aug 03 j 20:27	20° II 40'06		morning max el	-4519 Jul 25 j 00:09	7° II 55'29	17°58'03
asc. node	-4520 Aug 06 j 01:25	21° II 06'04			-4519 Aug 08 j 13:40	0° E	
morning max el	-4520 Aug 10 j 09:25	24° II 12'37	18°14'06	morning set	-4519 Aug 10 j 21:47	4° E 05'01	
	-4520 Aug 15 j 02:03	0° E					
morning set	-4520 Aug 28 j 22:24	22° E 15'12		superior conj	-4519 Aug 23 j 02:13	24° E 54'07	1°14'35
	-4520 Sep 02 j 14:37	0° O		minimum elong	-4519 Aug 23 j 08:05	25° E 18'23	1°14'11
superior conj	-4520 Sep 12 j 02:28	15° O 23'34	0°36'03		-4519 Aug 26 j 04:35	0° O	
minimum elong	-4520 Sep 12 j 06:42	15° O 40'28	0°35'41	max. Earth dist.	-4519 Aug 29 j 04:59	4° O 53'13	1.43688 AU
max. Earth dist.	-4520 Sep 15 j 13:18	20° O 52'49	1.44587 AU	desc. node	-4519 Sep 04 j 18:13	15° O 16'41	
desc. node	-4520 Sep 17 j 21:15	24° O 33'42		evening rise	-4519 Sep 07 j 22:02	20° O 11'46	
	-4520 Sep 21 j 08:21	0° M			-4519 Sep 14 j 07:37	0° M	
evening rise	-4520 Sep 28 j 17:12	11° M 29'44			-4519 Oct 05 j 21:02	0° O	
	-4520 Oct 10 j 17:18	0° O		evening max el	-4519 Oct 06 j 15:19	0° O 48'10	20°45'45
greatest brilliancy	-4520 Oct 10 j 23:07	0° O 22'00	-0.7m	retrograde	-4519 Oct 14 j 20:07	5° O 38'39	
evening max el	-4520 Oct 23 j 13:27	17° O 21'57	19°43'08	evening set	-4519 Oct 18 j 17:20	4° O 12'20	
retrograde	-4520 Oct 30 j 23:00	21° O 40'02		asc. node	-4519 Oct 19 j 21:25	3° O 12'30	
asc. node	-4520 Nov 02 j 00:17	21° O 15'34			-4519 Oct 22 j 16:22	30° R M	
evening set	-4520 Nov 03 j 10:06	20° O 30'07		inferior conj	-4519 Oct 24 j 03:05	28° M 03'49	1°24'44
inferior conj	-4520 Nov 08 j 23:33	14° O 31'37	2°13'41	minimum elong	-4519 Oct 24 j 01:13	28° M 10'11	1°24'01
minimum elong	-4520 Nov 08 j 20:49	14° O 40'34	2°12'41	min. Earth dist.	-4519 Oct 24 j 16:39	27° M 17'44	0.66980 AU
min. Earth dist.	-4520 Nov 10 j 00:47	13° O 09'06	0.66316 AU	morning rise	-4519 Oct 29 j 08:56	21° M 48'23	
morning rise	-4520 Nov 14 j 07:18	8° O 18'26		direct	-4519 Nov 03 j 18:18	19° M 28'47	
direct	-4520 Nov 20 j 07:50	5° O 40'27		morning max el	-4519 Nov 14 j 20:04	26° M 04'56	24°15'29
morning max el	-4520 Dec 02 j 11:19	12° O 51'08	25°37'09		-4519 Nov 18 j 10:34	0° O	
desc. node	-4520 Dec 14 j 21:18	27° O 54'39		desc. node	-4519 Dec 01 j 18:16	17° O 36'25	
	-4520 Dec 16 j 09:23	0° M			-4519 Dec 09 j 23:35	0° M	
	-4519 Jan 04 j 09:15	0° X		morning set	-4519 Dec 20 j 14:24	17° M 29'12	
morning set	-4519 Jan 07 j 17:18	5° X 58'00		max. Earth dist.	-4519 Dec 24 j 10:33	24° M 15'36	1.38141 AU
max. Earth dist.	-4519 Jan 11 j 13:03	13° X 04'50	1.36230 AU		-4519 Dec 27 j 14:04	0° X	
superior conj	-4519 Jan 17 j 04:40	24° X 06'37	-1°37'27	superior conj	-4519 Dec 31 j 10:55	7° X 17'21	-1°49'52
minimum elong	-4519 Jan 17 j 07:36	24° X 21'17	1°37'23	minimum elong	-4519 Dec 31 j 12:47	7° X 26'18	1°50'00
	-4519 Jan 20 j 02:39	0° Z		evening rise	-4518 Jan 09 j 04:06	24° X 22'01	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4518 Jan 12 j 01:20	0°♂		asc. node	-4517 Jan 02 j 17:24	25°♂42'49	
asc. node	-4518 Jan 15 j 20:18	7°♂04'03			-4517 Jan 05 j 15:40	0°♂	
evening max el	-4518 Jan 25 j 20:24	21°♂15'56	19°00'33	evening max el	-4517 Jan 09 j 00:28	3°♂54'23	18°24'41
retrograde	-4518 Feb 03 j 08:16	25°♂20'11		retrograde	-4517 Jan 16 j 10:36	7°♂33'58	
evening set	-4518 Feb 05 j 18:22	25°♂01'45		evening set	-4517 Jan 18 j 23:29	7°♂09'34	
inferior conj	-4518 Feb 13 j 17:21	20°♂45'48	3°19'13	inferior conj	-4517 Jan 26 j 06:33	2°♂33'21	3°57'02
minimum elong	-4518 Feb 13 j 21:55	20°♂37'43	3°18'06	minimum elong	-4517 Jan 26 j 08:31	2°♂29'18	3°56'39
min. Earth dist.	-4518 Feb 16 j 20:36	18°♂33'57	0.57290 AU		-4517 Jan 29 j 09:32	30°♂♂	
morning rise	-4518 Feb 21 j 22:56	15°♂43'06		min. Earth dist.	-4517 Jan 29 j 15:26	29°♂48'26	0.59165 AU
direct	-4518 Feb 27 j 05:34	14°♂37'12		morning rise	-4517 Feb 02 j 15:31	27°♂06'34	
desc. node	-4518 Feb 27 j 17:36	14°♂37'48		direct	-4517 Feb 08 j 23:34	25°♂21'36	
morning max el	-4518 Mar 13 j 10:41	21°♂57'00	25°34'40	desc. node	-4517 Feb 14 j 14:43	26°♂40'08	
	-4518 Mar 20 j 12:11	0°♂			-4517 Feb 19 j 21:53	0°♂	
	-4518 Apr 07 j 08:34	0°♂		morning max el	-4517 Feb 23 j 05:24	2°♂55'42	26°49'26
morning set	-4518 Apr 09 j 18:51	5°♂00'47			-4517 Mar 14 j 20:05	0°♂	
asc. node	-4518 Apr 13 j 19:51	13°♂39'50		morning set	-4517 Mar 25 j 05:24	19°♂58'13	
					-4517 Mar 29 j 22:04	0°♂	
superior conj	-4518 Apr 16 j 18:54	20°♂06'58	0°30'21	asc. node	-4517 Mar 31 j 16:50	3°♂53'27	
minimum elong	-4518 Apr 16 j 17:36	19°♂59'52	0°30'01				
max. Earth dist.	-4518 Apr 17 j 15:20	21°♂58'14	1.32862 AU	superior conj	-4517 Apr 01 j 06:39	5°♂09'00	0°06'00
	-4518 Apr 21 j 08:53	0°♂		minimum elong	-4517 Apr 01 j 06:23	5°♂07'34	0°05'50
evening rise	-4518 Apr 23 j 22:30	5°♂22'12		behind sun begin	-4517 Apr 01 j 01:43	4°♂42'01	
	-4518 May 07 j 05:13	0°♂		behind sun end	-4517 Apr 01 j 11:03	5°♂33'07	
evening max el	-4518 May 25 j 08:24	23°♂57'13	27°09'19	max. Earth dist.	-4517 Apr 01 j 04:42	4°♂58'18	1.32602 AU
desc. node	-4518 May 26 j 16:06	25°♂10'28		evening rise	-4517 Apr 08 j 06:39	20°♂14'22	
	-4518 Jun 02 j 16:37	0°♂			-4517 Apr 13 j 02:46	0°♂	
retrograde	-4518 Jun 08 j 06:55	1°♂19'52			-4517 May 02 j 01:35	0°♂	
	-4518 Jun 13 j 15:29	30°♂♂		evening max el	-4517 May 07 j 09:07	5°♂46'04	26°20'54
evening set	-4518 Jun 15 j 05:46	29°♂05'50		desc. node	-4517 May 13 j 13:15	10°♂36'48	
min. Earth dist.	-4518 Jun 18 j 21:47	26°♂18'29	0.61544 AU	retrograde	-4517 May 21 j 11:13	13°♂05'04	
inferior conj	-4518 Jun 22 j 01:56	23°♂27'22	-4°12'02	evening set	-4517 May 27 j 17:27	11°♂26'27	
minimum elong	-4518 Jun 22 j 03:35	23°♂23'38	4°11'45	min. Earth dist.	-4517 May 31 j 22:05	8°♂44'16	0.59507 AU
morning rise	-4518 Jun 29 j 02:56	18°♂32'24		inferior conj	-4517 Jun 04 j 07:18	6°♂05'30	-4°12'53
direct	-4518 Jul 01 j 16:38	18°♂04'28		minimum elong	-4517 Jun 04 j 06:01	6°♂08'02	4°12'42
morning max el	-4518 Jul 08 j 13:58	21°♂30'16	18°00'32	morning rise	-4517 Jun 11 j 20:59	1°♂32'16	
asc. node	-4518 Jul 10 j 19:32	23°♂57'42		direct	-4517 Jun 14 j 09:12	1°♂09'51	
	-4518 Jul 15 j 01:53	0°♂		morning max el	-4517 Jun 21 j 23:59	4°♂48'53	18°22'29
morning set	-4518 Jul 24 j 16:44	16°♂51'21		asc. node	-4517 Jun 27 j 16:34	11°♂55'04	
	-4518 Jul 31 j 22:50	0°♂			-4517 Jul 07 j 21:43	0°♂	
				morning set	-4517 Jul 08 j 02:14	0°♂21'31	
superior conj	-4518 Aug 04 j 05:44	5°♂47'32	1°38'25				
minimum elong	-4518 Aug 04 j 09:37	6°♂04'26	1°38'22	superior conj	-4517 Jul 17 j 09:54	17°♂55'31	1°48'31
max. Earth dist.	-4518 Aug 11 j 15:30	18°♂22'04	1.42219 AU	minimum elong	-4517 Jul 17 j 10:59	18°♂00'27	1°48'43
evening rise	-4518 Aug 18 j 06:19	29°♂04'49			-4517 Jul 24 j 04:20	0°♂	
	-4518 Aug 18 j 20:16	0°♂		max. Earth dist.	-4517 Jul 24 j 19:57	1°♂07'27	1.40385 AU
desc. node	-4518 Aug 22 j 15:10	5°♂55'04		evening rise	-4517 Jul 29 j 11:27	8°♂58'03	
	-4518 Sep 07 j 23:53	0°♂		desc. node	-4517 Aug 09 j 12:08	26°♂25'21	
evening max el	-4518 Sep 19 j 10:49	14°♂12'41	21°59'27		-4517 Aug 11 j 21:22	0°♂	
retrograde	-4518 Sep 28 j 15:58	19°♂41'11		evening max el	-4517 Sep 02 j 00:54	27°♂37'42	23°19'32
evening set	-4518 Oct 03 j 01:22	17°♂56'17			-4517 Sep 04 j 14:03	0°♂	
asc. node	-4518 Oct 06 j 18:35	13°♂51'54		retrograde	-4517 Sep 12 j 09:07	3°♂45'13	
inferior conj	-4518 Oct 08 j 09:02	11°♂41'07	0°32'44	evening set	-4517 Sep 17 j 08:26	1°♂40'39	
minimum elong	-4518 Oct 08 j 08:16	11°♂43'44	0°32'30		-4517 Sep 19 j 01:17	30°♂♂	
min. Earth dist.	-4518 Oct 08 j 12:00	11°♂30'51	0.67330 AU	inferior conj	-4517 Sep 22 j 15:37	25°♂22'22	-0°20'33
morning rise	-4518 Oct 13 j 15:03	5°♂26'05		minimum elong	-4517 Sep 22 j 16:05	25°♂20'45	0°20'13
direct	-4518 Oct 18 j 09:17	3°♂27'41		min. Earth dist.	-4517 Sep 22 j 08:25	25°♂47'07	0.67385 AU
morning max el	-4518 Oct 28 j 06:39	9°♂21'45	22°49'12	asc. node	-4517 Sep 23 j 15:43	24°♂00'10	
	-4518 Nov 13 j 09:42	0°♂		morning rise	-4517 Sep 27 j 23:39	19°♂10'41	
desc. node	-4518 Nov 18 j 15:12	7°♂41'10		direct	-4517 Oct 02 j 04:03	17°♂33'16	
morning set	-4518 Dec 01 j 08:27	27°♂39'04		morning max el	-4517 Oct 10 j 22:05	22°♂44'11	21°26'37
	-4518 Dec 02 j 18:34	0°♂			-4517 Oct 17 j 02:23	0°♂	
max. Earth dist.	-4518 Dec 06 j 07:22	5°♂57'20	1.40201 AU	desc. node	-4517 Nov 05 j 12:05	28°♂02'15	
					-4517 Nov 06 j 18:40	0°♂	
superior conj	-4518 Dec 14 j 00:59	19°♂36'10	-1°53'35	morning set	-4517 Nov 10 j 22:44	6°♂30'33	
minimum elong	-4518 Dec 14 j 00:27	19°♂33'43	1°53'45	max. Earth dist.	-4517 Nov 18 j 09:21	18°♂29'19	1.42131 AU
	-4518 Dec 19 j 15:28	0°♂			-4517 Nov 25 j 05:44	0°♂	
evening rise	-4518 Dec 23 j 18:22	7°♂49'01					

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4517 Nov 25 j 17:14	0° \mathbb{M} 49'28	-1°44'59	evening rise	-4516 Nov 18 j 04:50	2° \mathbb{M} 34'57	
minimum elong	-4517 Nov 25 j 13:11	0° \mathbb{M} 32'02	1°44'51		-4516 Dec 05 j 19:03	0° \mathbb{M}	
evening rise	-4517 Dec 06 j 20:05	20° \mathbb{M} 36'33		evening max el	-4516 Dec 05 j 22:38	0° \mathbb{M} 09'08	18°12'23
	-4517 Dec 12 j 00:56	0° \mathbb{M}		asc. node	-4516 Dec 06 j 11:36	0° \mathbb{M} 40'51	
asc. node	-4517 Dec 20 j 14:30	13° \mathbb{M} 39'25		retrograde	-4516 Dec 12 j 11:55	3° \mathbb{M} 39'35	
evening max el	-4517 Dec 23 j 10:12	16° \mathbb{M} 54'55	18°08'51	evening set	-4516 Dec 15 j 07:01	2° \mathbb{M} 59'42	
retrograde	-4517 Dec 30 j 05:11	20° \mathbb{M} 23'50			-4516 Dec 19 j 08:04	30° \mathbb{R} \mathbb{M}	
evening set	-4516 Jan 01 j 20:53	19° \mathbb{M} 52'19		inferior conj	-4516 Dec 21 j 14:06	27° \mathbb{M} 41'29	3°49'05
inferior conj	-4516 Jan 08 j 14:41	14° \mathbb{M} 54'40	4°04'01	minimum elong	-4516 Dec 21 j 11:36	27° \mathbb{M} 48'09	3°48'33
minimum elong	-4516 Jan 08 j 13:56	14° \mathbb{M} 56'26	4°03'47	min. Earth dist.	-4516 Dec 24 j 03:14	24° \mathbb{M} 59'05	0.63018 AU
min. Earth dist.	-4516 Jan 11 j 16:53	12° \mathbb{M} 00'18	0.61165 AU	morning rise	-4516 Dec 27 j 15:29	21° \mathbb{M} 46'21	
morning rise	-4516 Jan 15 j 05:39	9° \mathbb{M} 11'16		direct	-4515 Jan 03 j 17:17	19° \mathbb{M} 02'50	
direct	-4516 Jan 22 j 04:21	6° \mathbb{M} 50'32		morning max el	-4515 Jan 17 j 12:11	26° \mathbb{M} 45'54	27°40'34
desc. node	-4516 Feb 01 j 11:48	11° \mathbb{M} 12'23		desc. node	-4515 Jan 18 j 08:50	27° \mathbb{M} 37'45	
morning max el	-4516 Feb 05 j 06:10	14° \mathbb{M} 31'42	27°32'57		-4515 Jan 20 j 14:01	0° \mathbb{M}	
	-4516 Feb 17 j 19:28	0° \mathbb{B}			-4515 Feb 10 j 08:52	0° \mathbb{B}	
	-4516 Mar 06 j 04:32	0° \approx		morning set	-4515 Feb 20 j 13:36	19° \mathbb{B} 06'23	
morning set	-4516 Mar 08 j 12:24	4° \approx 42'45			-4515 Feb 25 j 19:49	0° \approx	
max. Earth dist.	-4516 Mar 14 j 17:08	17° \approx 52'20	1.32683 AU	max. Earth dist.	-4515 Feb 26 j 00:58	0° \approx 27'22	1.33128 AU
superior conj	-4516 Mar 15 j 17:55	20° \approx 07'13	-0°18'57	superior conj	-4515 Feb 28 j 03:03	4° \approx 55'27	-0°43'35
minimum elong	-4516 Mar 15 j 18:46	20° \approx 11'51	0°18'55	minimum elong	-4515 Feb 28 j 04:57	5° \approx 05'41	0°43'24
asc. node	-4516 Mar 17 j 13:49	24° \approx 06'39		asc. node	-4515 Mar 04 j 10:49	14° \approx 15'25	
	-4516 Mar 20 j 06:55	0° \mathbb{H}		evening rise	-4515 Mar 07 j 05:03	20° \approx 08'12	
evening rise	-4516 Mar 22 j 17:26	5° \mathbb{H} 11'53			-4515 Mar 12 j 01:38	0° \mathbb{H}	
	-4516 Apr 05 j 00:09	0° \mathbb{Y}		evening max el	-4515 Mar 30 j 20:12	27° \mathbb{H} 42'22	23°34'03
evening max el	-4516 Apr 18 j 04:00	16° \mathbb{Y} 55'42	25°05'24		-4515 Apr 02 j 11:11	0° \mathbb{Y}	
desc. node	-4516 Apr 29 j 10:25	23° \mathbb{Y} 46'13		retrograde	-4515 Apr 13 j 10:33	4° \mathbb{Y} 27'04	
retrograde	-4516 May 02 j 05:15	24° \mathbb{Y} 04'23		desc. node	-4515 Apr 16 j 07:36	4° \mathbb{Y} 08'45	
evening set	-4516 May 07 j 07:42	23° \mathbb{Y} 04'10		evening set	-4515 Apr 17 j 05:22	3° \mathbb{Y} 55'39	
min. Earth dist.	-4516 May 12 j 16:25	20° \mathbb{Y} 10'52	0.57556 AU	min. Earth dist.	-4515 Apr 24 j 07:35	0° \mathbb{Y} 39'30	0.56032 AU
inferior conj	-4516 May 15 j 17:40	18° \mathbb{Y} 06'42	-3°43'21		-4515 Apr 25 j 10:03	30° \mathbb{R} \mathbb{H}	
minimum elong	-4516 May 15 j 13:05	18° \mathbb{Y} 14'34	3°42'32	inferior conj	-4515 Apr 26 j 08:11	29° \mathbb{H} 26'41	-2°35'08
morning rise	-4516 May 23 j 21:31	13° \mathbb{Y} 53'23		minimum elong	-4515 Apr 26 j 02:31	29° \mathbb{H} 35'12	2°33'35
direct	-4516 May 26 j 08:39	13° \mathbb{Y} 35'22		morning rise	-4515 May 05 j 02:24	25° \mathbb{H} 26'52	
morning max el	-4516 Jun 04 j 03:14	17° \mathbb{Y} 41'35	19°04'36	direct	-4515 May 07 j 13:42	25° \mathbb{H} 11'31	
	-4516 Jun 13 j 05:22	0° \mathbb{B}			-4515 May 17 j 21:25	0° \mathbb{Y}	
asc. node	-4516 Jun 13 j 13:34	0° \mathbb{B} 35'13		morning max el	-4515 May 17 j 21:08	29° \mathbb{H} 59'21	20°07'03
morning set	-4516 Jun 20 j 22:13	14° \mathbb{B} 25'12		asc. node	-4515 May 31 j 10:32	19° \mathbb{Y} 48'01	
	-4516 Jun 28 j 20:11	0° \mathbb{H}		morning set	-4515 Jun 05 j 01:38	28° \mathbb{Y} 54'35	
					-4515 Jun 05 j 14:32	0° \mathbb{B}	
superior conj	-4516 Jun 29 j 08:56	1° \mathbb{H} 01'33	1°47'46	superior conj	-4515 Jun 12 j 21:43	14° \mathbb{B} 51'25	1°38'58
minimum elong	-4516 Jun 29 j 07:50	0° \mathbb{H} 56'14	1°47'56	minimum elong	-4515 Jun 12 j 19:23	14° \mathbb{B} 39'44	1°38'56
max. Earth dist.	-4516 Jul 05 j 21:20	13° \mathbb{H} 12'54	1.38444 AU	max. Earth dist.	-4515 Jun 18 j 01:53	25° \mathbb{B} 00'42	1.36632 AU
evening rise	-4516 Jul 09 j 19:04	20° \mathbb{H} 09'03			-4515 Jun 20 j 17:23	0° \mathbb{H}	
	-4516 Jul 15 j 15:00	0° \mathbb{B}		evening rise	-4515 Jun 22 j 02:13	2° \mathbb{H} 31'16	
desc. node	-4516 Jul 26 j 09:08	16° \mathbb{B} 42'31			-4515 Jul 08 j 15:48	0° \mathbb{B}	
	-4516 Aug 04 j 23:04	0° \mathbb{Q}		desc. node	-4515 Jul 13 j 06:12	6° \mathbb{B} 40'36	
evening max el	-4516 Aug 14 j 12:03	11° \mathbb{Q} 05'36	24°39'30	evening max el	-4515 Jul 27 j 22:51	24° \mathbb{B} 37'00	25°51'28
retrograde	-4516 Aug 25 j 22:25	17° \mathbb{Q} 46'47			-4515 Aug 03 j 17:30	0° \mathbb{Q}	
evening set	-4516 Aug 31 j 12:42	15° \mathbb{Q} 23'18		retrograde	-4515 Aug 09 j 07:11	1° \mathbb{Q} 42'10	
min. Earth dist.	-4516 Sep 05 j 03:22	10° \mathbb{Q} 04'37	0.67144 AU		-4515 Aug 14 j 07:14	30° \mathbb{R} \mathbb{B}	
inferior conj	-4516 Sep 05 j 21:06	9° \mathbb{Q} 05'22	-1°13'30	evening set	-4515 Aug 15 j 12:17	29° \mathbb{B} 03'07	
minimum elong	-4516 Sep 05 j 22:47	8° \mathbb{Q} 59'42	1°12'38	min. Earth dist.	-4515 Aug 19 j 18:25	24° \mathbb{B} 22'01	0.66578 AU
asc. node	-4516 Sep 09 j 12:49	4° \mathbb{Q} 36'31		inferior conj	-4515 Aug 20 j 23:44	22° \mathbb{B} 48'44	-2°04'23
morning rise	-4516 Sep 11 j 08:51	3° \mathbb{Q} 00'15		minimum elong	-4515 Aug 21 j 02:31	22° \mathbb{B} 39'54	2°03'10
direct	-4516 Sep 15 j 01:21	1° \mathbb{Q} 41'48		morning rise	-4515 Aug 26 j 16:50	16° \mathbb{B} 53'30	
morning max el	-4516 Sep 22 j 20:21	6° \mathbb{Q} 14'14	20°13'48	asc. node	-4515 Aug 27 j 09:54	16° \mathbb{B} 29'27	
	-4516 Oct 10 j 06:46	0° \mathbb{M}		direct	-4515 Aug 29 j 23:38	15° \mathbb{B} 51'11	
morning set	-4516 Oct 19 j 21:24	14° \mathbb{M} 42'40		morning max el	-4515 Sep 06 j 01:43	19° \mathbb{B} 53'11	19°14'40
desc. node	-4516 Oct 22 j 08:57	18° \mathbb{M} 34'09			-4515 Sep 13 j 23:04	0° \mathbb{Q}	
	-4516 Oct 29 j 14:57	0° \mathbb{B}		morning set	-4515 Sep 29 j 03:54	23° \mathbb{Q} 24'16	
max. Earth dist.	-4516 Oct 30 j 18:39	1° \mathbb{B} 50'47	1.43663 AU		-4515 Oct 03 j 08:50	0° \mathbb{M}	
superior conj	-4516 Nov 05 j 06:36	10° \mathbb{B} 45'21	-1°20'39	desc. node	-4515 Oct 09 j 05:51	9° \mathbb{M} 13'37	
minimum elong	-4516 Nov 04 j 23:53	10° \mathbb{B} 17'51	1°20'00	max. Earth dist.	-4515 Oct 13 j 10:14	15° \mathbb{M} 49'17	1.44592 AU
	-4516 Nov 16 j 16:55	0° \mathbb{M}					

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4515 Oct 15 j 18:03	19° \mathbb{M} 30'19	-0°40'22	behind sun end	-4514 Sep 25 j 04:18	28° Ω 28'31	
minimum elong	-4515 Oct 15 j 13:07	19° \mathbb{M} 10'43	0°39'41	max. Earth dist.	-4514 Sep 26 j 04:27	0° \mathbb{M} 03'47	1.44799 AU
	-4515 Oct 22 j 07:38	0° \mathfrak{L}		desc. node	-4514 Sep 26 j 02:48	29° Ω 57'14	
evening rise	-4515 Oct 30 j 16:03	13° \mathfrak{L} 36'06			-4514 Sep 26 j 03:30	0° \mathbb{M}	
	-4515 Nov 09 j 16:34	0° \mathbb{M}		evening rise	-4514 Oct 11 j 02:27	23° \mathbb{M} 33'32	
evening max el	-4515 Nov 19 j 11:02	13° \mathbb{M} 31'26	18°34'18		-4514 Oct 15 j 04:21	0° \mathfrak{L}	
asc. node	-4515 Nov 23 j 08:42	16° \mathbb{M} 32'43		greatest brilliancy	-4514 Oct 20 j 06:50	8° \mathfrak{L} 01'14	-0.8m
retrograde	-4515 Nov 26 j 02:42	17° \mathbb{M} 13'41		evening max el	-4514 Nov 02 j 20:52	26° \mathfrak{L} 57'32	19°13'25
evening set	-4515 Nov 29 j 02:29	16° \mathbb{M} 23'52			-4514 Nov 06 j 13:34	0° \mathbb{M}	
inferior conj	-4515 Dec 05 j 01:11	10° \mathbb{M} 47'24	3°19'19	retrograde	-4514 Nov 09 j 22:07	1° \mathbb{M} 00'35	
minimum elong	-4515 Dec 04 j 22:00	10° \mathbb{M} 56'46	3°18'27	asc. node	-4514 Nov 10 j 05:49	1° \mathbb{M} 00'00	
min. Earth dist.	-4515 Dec 06 j 23:33	8° \mathbb{M} 31'12	0.64573 AU	evening set	-4514 Nov 13 j 04:24	29° \mathfrak{L} 58'44	
morning rise	-4515 Dec 10 j 17:06	4° \mathbb{M} 43'14			-4514 Nov 13 j 03:36	30° \mathbb{R} \mathfrak{L}	
direct	-4515 Dec 17 j 13:02	1° \mathbb{M} 52'22		inferior conj	-4514 Nov 18 j 20:42	24° \mathfrak{L} 07'06	2°39'40
morning max el	-4515 Dec 30 j 21:20	9° \mathbb{M} 31'19	27°13'44	minimum elong	-4514 Nov 18 j 17:38	24° \mathfrak{L} 16'50	2°38'38
desc. node	-4514 Jan 05 j 05:50	15° \mathbb{M} 24'21		min. Earth dist.	-4514 Nov 20 j 05:11	22° \mathfrak{L} 24'13	0.65776 AU
	-4514 Jan 16 j 01:03	0° \mathfrak{X}		morning rise	-4514 Nov 24 j 06:36	17° \mathfrak{L} 56'22	
	-4514 Feb 02 j 16:57	0° \mathfrak{Z}		direct	-4514 Nov 30 j 15:01	15° \mathfrak{L} 11'00	
morning set	-4514 Feb 04 j 06:04	2° \mathfrak{Z} 59'02		morning max el	-4514 Dec 13 j 07:08	22° \mathfrak{L} 36'11	26°18'31
max. Earth dist.	-4514 Feb 09 j 00:25	12° \mathfrak{Z} 31'45	1.33983 AU		-4514 Dec 19 j 21:01	0° \mathbb{M}	
				desc. node	-4514 Dec 23 j 02:49	4° \mathbb{M} 08'28	
superior conj	-4514 Feb 12 j 08:06	19° \mathfrak{Z} 26'43	-1°06'53		-4513 Jan 09 j 07:23	0° \mathfrak{X}	
minimum elong	-4514 Feb 12 j 10:49	19° \mathfrak{Z} 41'03	1°06'39	morning set	-4513 Jan 18 j 09:56	16° \mathfrak{X} 09'04	
	-4514 Feb 17 j 07:27	0° \approx		max. Earth dist.	-4513 Jan 22 j 12:36	24° \mathfrak{X} 01'38	1.35281 AU
asc. node	-4514 Feb 19 j 07:49	4° \approx 14'59			-4513 Jan 25 j 12:41	0° \mathfrak{Z}	
evening rise	-4514 Feb 19 j 15:44	4° \approx 56'22					
	-4514 Mar 05 j 12:27	0° \mathfrak{X}		superior conj	-4513 Jan 27 j 06:48	3° \mathfrak{Z} 33'52	-1°27'29
evening max el	-4514 Mar 12 j 15:18	8° \mathfrak{X} 30'30	22°00'44	minimum elong	-4513 Jan 27 j 09:52	3° \mathfrak{Z} 49'34	1°27'20
retrograde	-4514 Mar 25 j 04:10	14° \mathfrak{X} 34'34		evening rise	-4513 Feb 03 j 23:42	19° \mathfrak{Z} 30'19	
evening set	-4514 Mar 27 j 23:03	14° \mathfrak{X} 17'20		asc. node	-4513 Feb 06 j 04:52	24° \mathfrak{Z} 00'30	
desc. node	-4514 Apr 03 j 04:46	11° \mathfrak{X} 54'02			-4513 Feb 09 j 06:32	0° \approx	
inferior conj	-4514 Apr 06 j 07:25	10° \mathfrak{X} 11'28	-0°51'17	evening max el	-4513 Feb 22 j 18:43	19° \approx 43'42	20°37'12
minimum elong	-4514 Apr 06 j 05:03	10° \mathfrak{X} 14'48	0°50'34	retrograde	-4513 Mar 05 j 18:13	24° \approx 56'50	
min. Earth dist.	-4514 Apr 05 j 21:33	10° \mathfrak{X} 25'22	0.55245 AU	evening set	-4513 Mar 08 j 02:49	24° \approx 43'21	
morning rise	-4514 Apr 15 j 12:09	6° \mathfrak{X} 12'06		inferior conj	-4513 Mar 17 j 03:21	20° \approx 45'13	1°04'30
direct	-4514 Apr 18 j 04:40	5° \mathfrak{X} 55'53		minimum elong	-4513 Mar 17 j 06:10	20° \approx 41'07	1°03'24
morning max el	-4514 Apr 30 j 04:10	11° \mathfrak{X} 35'28	21°28'20	min. Earth dist.	-4513 Mar 18 j 11:42	19° \approx 58'12	0.55374 AU
	-4514 May 13 j 09:38	0° \mathbb{Y}		desc. node	-4513 Mar 21 j 01:54	18° \approx 32'14	
asc. node	-4514 May 18 j 07:31	9° \mathbb{Y} 24'34		morning rise	-4513 Mar 26 j 08:16	16° \approx 27'54	
morning set	-4514 May 20 j 09:55	13° \mathbb{Y} 41'29		direct	-4513 Mar 29 j 17:16	16° \approx 03'06	
				morning max el	-4513 Apr 12 j 01:23	22° \approx 33'39	23°03'21
					-4513 Apr 18 j 13:24	0° \mathfrak{X}	
superior conj	-4514 May 27 j 20:04	29° \mathbb{Y} 12'06	1°24'20	morning set	-4513 May 04 j 21:05	28° \mathfrak{X} 39'28	
minimum elong	-4514 May 27 j 17:21	28° \mathbb{Y} 58'00	1°24'04	asc. node	-4513 May 05 j 04:32	29° \mathfrak{X} 18'22	
	-4514 May 28 j 05:18	0° \mathfrak{X}			-4513 May 05 j 12:28	0° \mathbb{Y}	
max. Earth dist.	-4514 May 31 j 14:33	6° \mathfrak{X} 54'55	1.35111 AU				
evening rise	-4514 Jun 05 j 03:24	15° \mathfrak{X} 48'42		superior conj	-4513 May 12 j 00:58	13° \mathbb{Y} 54'08	1°05'31
	-4514 Jun 12 j 22:57	0° \mathbb{I}		minimum elong	-4513 May 11 j 22:29	13° \mathbb{Y} 40'55	1°05'08
desc. node	-4514 Jun 30 j 03:19	26° \mathbb{I} 10'07		max. Earth dist.	-4513 May 14 j 12:58	19° \mathbb{Y} 11'14	1.33951 AU
	-4514 Jul 03 j 03:24	0° \mathfrak{E}		evening rise	-4513 May 19 j 17:41	29° \mathbb{Y} 47'14	
evening max el	-4514 Jul 10 j 10:03	8° \mathfrak{E} 04'57	26°47'26		-4513 May 19 j 20:16	0° \mathfrak{X}	
retrograde	-4514 Jul 23 j 11:00	15° \mathfrak{E} 24'11			-4513 Jun 06 j 00:27	0° \mathbb{I}	
evening set	-4514 Jul 30 j 04:51	12° \mathfrak{E} 36'25		desc. node	-4513 Jun 17 j 00:26	14° \mathbb{I} 58'58	
min. Earth dist.	-4514 Aug 03 j 03:12	8° \mathfrak{E} 33'59	0.65644 AU	evening max el	-4513 Jun 22 j 21:01	21° \mathbb{I} 19'48	27°19'50
inferior conj	-4514 Aug 04 j 21:31	6° \mathfrak{E} 28'27	-2°51'18	retrograde	-4513 Jul 06 j 09:30	28° \mathbb{I} 44'44	
minimum elong	-4514 Aug 05 j 01:01	6° \mathfrak{E} 18'02	2°50'01	evening set	-4513 Jul 13 j 11:30	25° \mathbb{I} 59'11	
morning rise	-4514 Aug 10 j 21:31	0° \mathfrak{E} 46'25		min. Earth dist.	-4513 Jul 17 j 03:42	22° \mathbb{I} 32'51	0.64323 AU
	-4514 Aug 13 j 03:41	30° \mathbb{R} \mathbb{I}		inferior conj	-4513 Jul 19 j 12:02	20° \mathbb{I} 00'14	-3°31'41
direct	-4514 Aug 13 j 20:51	29° \mathbb{I} 57'08		minimum elong	-4513 Jul 19 j 15:40	19° \mathbb{I} 50'23	3°30'39
asc. node	-4514 Aug 14 j 06:58	29° \mathbb{I} 58'08		morning rise	-4513 Jul 25 j 20:30	14° \mathbb{I} 34'23	
	-4514 Aug 14 j 14:06	0° \mathfrak{E}		direct	-4513 Jul 28 j 14:33	13° \mathbb{I} 55'14	
morning max el	-4514 Aug 20 j 12:39	3° \mathfrak{E} 37'43	18°31'21	asc. node	-4513 Aug 01 j 04:04	15° \mathbb{I} 00'17	
	-4514 Sep 07 j 09:51	0° Ω		morning max el	-4513 Aug 04 j 02:49	17° \mathbb{I} 23'07	18°05'02
morning set	-4514 Sep 09 j 10:37	3° Ω 18'05			-4513 Aug 13 j 05:37	0° \mathfrak{E}	
					-4513 Aug 21 j 20:15	14° \mathfrak{E} 28'33	
superior conj	-4514 Sep 24 j 17:29	27° Ω 45'50	0°08'46	morning set	-4513 Aug 31 j 02:32	0° Ω	
minimum elong	-4514 Sep 24 j 18:39	27° Ω 50'24	0°08'45				
behind sun begin	-4514 Sep 24 j 08:59	27° Ω 12'15					

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4513 Sep 04 j 03:33	6°Ω35'56	0°54'05	asc. node	-4512 Jul 18 j 01:09	1°Π23'08	
minimum elong	-4513 Sep 04 j 09:05	6°Ω58'17	0°53'36	morning set	-4512 Aug 03 j 04:42	26°Π44'44	
max. Earth dist.	-4513 Sep 08 j 21:30	14°Ω13'01	1.44281 AU		-4512 Aug 05 j 00:35	0°Ω	
desc. node	-4513 Sep 12 j 23:44	20°Ω41'21					
	-4513 Sep 18 j 22:52	0°Π		superior conj	-4512 Aug 14 j 15:08	16°Ω42'21	1°26'31
evening rise	-4513 Sep 20 j 14:28	2°Π33'22		minimum elong	-4512 Aug 14 j 20:25	17°Ω04'42	1°26'14
greatest brilliancy	-4513 Oct 04 j 05:27	23°Π18'20	-0.6m	max. Earth dist.	-4512 Aug 21 j 10:47	28°Ω00'41	1.43122 AU
	-4513 Oct 08 j 20:05	0°Ω			-4512 Aug 22 j 16:15	0°Ω	
evening max el	-4513 Oct 17 j 02:02	10°Ω24'03	20°08'10	evening rise	-4512 Aug 29 j 18:12	11°Ω13'36	
retrograde	-4513 Oct 24 j 19:16	14°Ω55'37		desc. node	-4512 Aug 29 j 20:42	11°Ω23'17	
evening set	-4513 Oct 28 j 10:18	13°Ω39'09			-4512 Sep 11 j 03:00	0°Π	
asc. node	-4513 Oct 28 j 02:57	13°Ω51'34		evening max el	-4512 Sep 29 j 01:14	23°Π50'04	21°16'00
inferior conj	-4513 Nov 02 j 21:59	7°Ω35'51	1°53'25	retrograde	-4512 Oct 07 j 16:03	28°Π56'23	
minimum elong	-4513 Nov 02 j 19:34	7°Ω43'54	1°52'30	evening set	-4512 Oct 11 j 18:06	27°Π22'38	
min. Earth dist.	-4513 Nov 03 j 18:06	6°Ω28'44	0.66633 AU	asc. node	-4512 Oct 14 j 00:06	25°Π12'12	
morning rise	-4513 Nov 08 j 04:37	1°Ω21'06		inferior conj	-4512 Oct 17 j 02:48	21°Π11'01	1°02'59
	-4513 Nov 09 j 23:59	30°κΠ		minimum elong	-4512 Oct 17 j 01:22	21°Π15'53	1°02'26
direct	-4513 Nov 13 j 22:40	28°Π50'22		min. Earth dist.	-4512 Oct 17 j 11:50	20°Π39'58	0.67169 AU
	-4513 Nov 18 j 06:35	0°Ω		morning rise	-4512 Oct 22 j 08:28	14°Π55'12	
morning max el	-4513 Nov 25 j 16:05	5°Ω48'32	25°03'32	direct	-4512 Oct 27 j 11:22	12°Π44'12	
desc. node	-4513 Dec 09 j 23:47	23°Ω32'38		morning max el	-4512 Nov 07 j 01:06	19°Π03'18	23°38'38
	-4513 Dec 14 j 10:51	0°Π			-4512 Nov 16 j 06:31	0°Ω	
morning set	-4513 Dec 31 j 19:59	28°Π20'54		desc. node	-4512 Nov 25 j 20:44	13°Ω25'20	
	-4512 Jan 01 j 18:06	0°♂			-4512 Dec 06 j 14:51	0°Π	
max. Earth dist.	-4512 Jan 04 j 13:39	5°♂08'40	1.37003 AU	morning set	-4512 Dec 12 j 06:05	9°Π18'31	
				max. Earth dist.	-4512 Dec 16 j 09:20	16°Π26'25	1.39019 AU
superior conj	-4512 Jan 10 j 20:05	17°♂07'44	-1°43'36				
minimum elong	-4512 Jan 10 j 22:43	17°♂20'40	1°43'37	superior conj	-4512 Dec 23 j 20:04	29°Π57'59	-1°52'44
	-4512 Jan 17 j 06:28	0°Ω		minimum elong	-4512 Dec 23 j 21:05	0°♂02'45	1°52'54
evening rise	-4512 Jan 19 j 02:47	3°Ω43'09			-4512 Dec 23 j 20:29	0°♂	
asc. node	-4512 Jan 24 j 01:55	13°Ω25'38		evening rise	-4511 Jan 01 j 22:34	17°♂28'47	
	-4512 Feb 03 j 20:41	0°≈			-4511 Jan 08 j 14:02	0°Ω	
evening max el	-4512 Feb 05 j 08:43	1°≈32'15	19°30'18	asc. node	-4511 Jan 09 j 22:59	2°Ω23'38	
retrograde	-4512 Feb 14 j 16:27	5°≈57'40		evening max el	-4511 Jan 18 j 08:23	13°Ω54'48	18°42'50
evening set	-4512 Feb 17 j 00:53	5°≈42'04		retrograde	-4511 Jan 26 j 07:44	17°Ω46'11	
inferior conj	-4512 Feb 25 j 09:47	1°≈36'06	2°40'26	evening set	-4511 Jan 28 j 19:09	17°Ω25'19	
minimum elong	-4512 Feb 25 j 14:53	1°≈27'48	2°38'55	inferior conj	-4511 Feb 05 j 11:07	13°Ω01'24	3°39'35
	-4512 Feb 27 j 21:09	30°κΩ		minimum elong	-4511 Feb 05 j 14:44	12°Ω54'36	3°38'50
min. Earth dist.	-4512 Feb 28 j 02:28	29°Ω51'36	0.56389 AU	min. Earth dist.	-4511 Feb 08 j 18:52	10°Ω32'36	0.58057 AU
morning rise	-4512 Mar 05 j 02:16	26°Ω49'39		morning rise	-4511 Feb 13 j 07:53	7°Ω47'40	
desc. node	-4512 Mar 06 j 23:03	26°Ω19'11		direct	-4511 Feb 19 j 02:44	6°Ω25'12	
direct	-4512 Mar 09 j 15:28	26°Ω02'36		desc. node	-4511 Feb 21 j 20:11	6°Ω43'25	
	-4512 Mar 19 j 23:21	0°≈		morning max el	-4511 Mar 05 j 08:34	13°Ω52'19	26°09'41
morning max el	-4512 Mar 23 j 16:50	3°≈10'11	24°41'58		-4511 Mar 18 j 03:35	0°≈	
	-4512 Apr 11 j 12:02	0°♂		morning set	-4511 Apr 02 j 20:58	28°≈42'59	
morning set	-4512 Apr 18 j 09:21	13°♂42'06			-4511 Apr 03 j 11:37	0°♂	
asc. node	-4512 Apr 21 j 01:32	19°♂23'38		asc. node	-4511 Apr 07 j 22:31	9°♂35'19	
superior conj	-4512 Apr 25 j 10:00	28°♂49'20	0°43'47	superior conj	-4511 Apr 09 j 21:13	13°♂50'29	0°20'08
minimum elong	-4512 Apr 25 j 08:11	28°♂39'29	0°43'25	minimum elong	-4511 Apr 09 j 20:20	13°♂45'41	0°19'53
	-4512 Apr 25 j 23:03	0°Υ		max. Earth dist.	-4511 Apr 10 j 07:49	14°♂48'25	1.32707 AU
max. Earth dist.	-4512 Apr 26 j 19:47	1°Υ51'51	1.33153 AU	evening rise	-4511 Apr 16 j 22:51	29°♂00'11	
evening rise	-4512 May 02 j 17:10	14°Υ14'33			-4511 Apr 17 j 10:25	0°Υ	
	-4512 May 10 j 22:35	0°Ω			-4511 May 04 j 05:27	0°Ω	
	-4512 May 31 j 06:22	0°Π		evening max el	-4511 May 17 j 10:29	16°Ω24'17	26°52'45
desc. node	-4512 Jun 02 j 21:33	2°Π50'06		desc. node	-4511 May 20 j 18:43	19°Ω18'33	
evening max el	-4512 Jun 04 j 06:00	4°Π10'22	27°22'42	retrograde	-4511 May 31 j 11:00	23°Ω45'24	
retrograde	-4512 Jun 18 j 02:01	11°Π35'01		evening set	-4511 Jun 07 j 04:09	21°Ω45'46	
evening set	-4512 Jun 25 j 04:41	9°Π05'35		min. Earth dist.	-4511 Jun 11 j 00:02	19°Ω02'30	0.60679 AU
min. Earth dist.	-4512 Jun 28 j 18:43	6°Π07'30	0.62636 AU	inferior conj	-4511 Jun 14 j 07:20	16°Ω14'09	-4°15'31
inferior conj	-4512 Jul 01 j 16:29	3°Π18'30	-4°01'41	minimum elong	-4511 Jun 14 j 07:53	16°Ω13'00	4°15'21
minimum elong	-4512 Jul 01 j 19:14	3°Π11'49	4°01'08	morning rise	-4511 Jun 21 j 13:28	11°Ω28'05	
	-4512 Jul 05 j 09:23	30°κΩ		direct	-4511 Jun 24 j 02:27	11°Ω02'36	
morning rise	-4512 Jul 08 j 10:58	28°Ω11'27		morning max el	-4511 Jul 01 j 06:02	14°Ω32'46	18°07'25
direct	-4512 Jul 11 j 01:41	27°Ω40'01		asc. node	-4511 Jul 04 j 22:12	18°Ω50'06	
	-4512 Jul 16 j 13:18	0°Π			-4511 Jul 11 j 21:23	0°Π	
morning max el	-4512 Jul 17 j 17:33	1°Π04'06	17°56'44	morning set	-4511 Jul 17 j 06:27	9°Π51'40	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4511 Jul 27 j 05:46	28° Π 09'12	1°44'13	minimum elong	-4510 May 27 j 02:11	28° Υ 42'57	4°04'21
minimum elong	-4511 Jul 27 j 08:26	28° Π 21'06	1°44'19	morning rise	-4510 Jun 04 j 00:28	24° Υ 13'24	
	-4511 Jul 28 j 06:44	0° \mathfrak{S}		direct	-4510 Jun 06 j 12:25	23° Υ 52'50	
max. Earth dist.	-4511 Aug 03 j 18:49	11° \mathfrak{S} 12'45	1.41475 AU	morning max el	-4510 Jun 14 j 13:27	27° Υ 41'20	18°37'57
evening rise	-4511 Aug 09 j 09:56	20° \mathfrak{S} 28'41			-4510 Jun 16 j 17:46	0° \mathfrak{S}	
	-4511 Aug 15 j 10:43	0° Ω		asc. node	-4510 Jun 21 j 19:13	7° \mathfrak{S} 07'10	
desc. node	-4511 Aug 16 j 17:40	1° Ω 59'07		morning set	-4510 Jun 30 j 20:52	23° \mathfrak{S} 37'36	
	-4511 Sep 05 j 11:00	0° \mathfrak{M}			-4510 Jul 04 j 03:46	0° Π	
evening max el	-4511 Sep 11 j 18:22	7° \mathfrak{M} 15'20	22°33'04				
retrograde	-4511 Sep 21 j 10:44	12° \mathfrak{M} 59'58		superior conj	-4510 Jul 09 j 18:41	10° Π 44'03	1°49'21
evening set	-4511 Sep 26 j 01:55	11° \mathfrak{M} 06'51		minimum elong	-4510 Jul 09 j 18:43	10° Π 44'14	1°49'34
asc. node	-4511 Sep 30 j 21:14	5° \mathfrak{M} 31'31		max. Earth dist.	-4510 Jul 16 j 21:56	23° Π 42'03	1.39561 AU
inferior conj	-4511 Oct 01 j 09:13	4° \mathfrak{M} 50'13	0°10'14		-4510 Jul 20 j 13:24	0° \mathfrak{S}	
minimum elong	-4511 Oct 01 j 08:58	4° \mathfrak{M} 51'04	0°10'13	evening rise	-4510 Jul 21 j 02:19	0° \mathfrak{S} 54'41	
transit middle	-4511 Oct 01 j 08:58	4° \mathfrak{M} 51'04	0°10'13	desc. node	-4510 Aug 03 j 14:39	22° \mathfrak{S} 24'45	
transit begin	-4511 Oct 01 j 06:52	4° \mathfrak{M} 58'20			-4510 Aug 08 j 19:18	0° Ω	
transit end	-4511 Oct 01 j 11:05	4° \mathfrak{M} 43'47		evening max el	-4510 Aug 25 j 06:56	20° Ω 41'42	23°53'53
min. Earth dist.	-4511 Oct 01 j 07:54	4° \mathfrak{M} 54'45	0.67401 AU	retrograde	-4510 Sep 05 j 02:16	27° Ω 03'54	
	-4511 Oct 05 j 04:30	30° \mathfrak{R} Ω		evening set	-4510 Sep 10 j 08:02	24° Ω 50'51	
morning rise	-4511 Oct 06 j 15:53	28° Ω 36'19		min. Earth dist.	-4510 Sep 15 j 03:52	19° Ω 12'04	0.67330 AU
direct	-4511 Oct 11 j 04:09	26° Ω 46'49		inferior conj	-4510 Sep 15 j 15:31	18° Ω 32'24	-0°43'08
	-4511 Oct 18 j 00:32	0° \mathfrak{M}		minimum elong	-4510 Sep 15 j 16:31	18° Ω 29'00	0°42'34
morning max el	-4511 Oct 20 j 13:15	2° \mathfrak{M} 21'35	22°13'04	asc. node	-4510 Sep 17 j 18:22	15° Ω 44'37	
	-4511 Nov 10 j 07:42	0° \mathfrak{A}		morning rise	-4510 Sep 21 j 00:59	12° Ω 23'25	
desc. node	-4511 Nov 12 j 17:38	3° \mathfrak{A} 37'56		direct	-4510 Sep 25 j 00:05	10° Ω 54'27	
morning set	-4511 Nov 22 j 11:44	18° \mathfrak{A} 52'33		morning max el	-4510 Oct 03 j 07:32	15° Ω 47'37	20°54'10
max. Earth dist.	-4511 Nov 28 j 07:58	28° \mathfrak{A} 29'14	1.41065 AU		-4510 Oct 14 j 11:51	0° \mathfrak{M}	
	-4511 Nov 29 j 05:32	0° \mathfrak{M}		desc. node	-4510 Oct 30 j 14:31	24° \mathfrak{M} 04'25	
				morning set	-4510 Nov 01 j 17:01	27° \mathfrak{M} 20'31	
superior conj	-4511 Dec 06 j 01:34	11° \mathfrak{M} 51'06	-1°51'41		-4510 Nov 03 j 09:47	0° \mathfrak{A}	
minimum elong	-4511 Dec 05 j 23:37	11° \mathfrak{M} 42'25	1°51'45	max. Earth dist.	-4510 Nov 10 j 13:43	11° \mathfrak{A} 26'08	1.42852 AU
	-4511 Dec 15 j 23:20	0° \mathfrak{A}					
evening rise	-4511 Dec 16 j 07:55	0° \mathfrak{A} 40'04		superior conj	-4510 Nov 17 j 06:49	22° \mathfrak{A} 32'23	-1°36'42
asc. node	-4511 Dec 27 j 20:02	20° \mathfrak{A} 45'54		minimum elong	-4510 Nov 17 j 01:20	22° \mathfrak{A} 09'16	1°36'21
evening max el	-4510 Jan 01 j 15:15	26° \mathfrak{A} 44'03	18°15'30		-4510 Nov 21 j 15:41	0° \mathfrak{M}	
	-4510 Jan 06 j 17:13	0° \mathfrak{S}		evening rise	-4510 Nov 29 j 03:01	13° \mathfrak{M} 08'23	
retrograde	-4510 Jan 08 j 17:29	0° \mathfrak{S} 17'17			-4510 Dec 08 j 20:03	0° \mathfrak{A}	
	-4510 Jan 10 j 18:37	30° \mathfrak{R} \mathfrak{A}		asc. node	-4510 Dec 14 j 17:07	8° \mathfrak{A} 20'53	
evening set	-4510 Jan 11 j 07:41	29° \mathfrak{A} 49'49		evening max el	-4510 Dec 16 j 02:25	9° \mathfrak{A} 51'07	18°07'58
inferior conj	-4510 Jan 18 j 08:44	25° \mathfrak{A} 04'13	4°03'14	retrograde	-4510 Dec 22 j 17:58	13° \mathfrak{A} 19'39	
minimum elong	-4510 Jan 18 j 09:27	25° \mathfrak{A} 02'37	4°02'59	evening set	-4510 Dec 25 j 10:57	12° \mathfrak{A} 44'43	
min. Earth dist.	-4510 Jan 21 j 15:50	22° \mathfrak{A} 12'40	0.60023 AU	inferior conj	-4510 Dec 31 j 23:52	7° \mathfrak{A} 37'47	3°59'54
morning rise	-4510 Jan 25 j 09:35	19° \mathfrak{A} 29'56		minimum elong	-4510 Dec 31 j 22:14	7° \mathfrak{A} 41'51	3°59'34
direct	-4510 Feb 01 j 01:26	17° \mathfrak{A} 28'50		min. Earth dist.	-4509 Jan 03 j 20:48	4° \mathfrak{A} 46'27	0.61980 AU
desc. node	-4510 Feb 08 j 17:16	19° \mathfrak{A} 54'07		morning rise	-4509 Jan 07 j 08:29	1° \mathfrak{A} 48'47	
morning max el	-4510 Feb 15 j 05:37	25° \mathfrak{A} 05'37	27°12'18		-4509 Jan 10 j 15:08	30° \mathfrak{R} \mathfrak{M}	
	-4510 Feb 19 j 18:47	0° \mathfrak{S}		direct	-4509 Jan 14 j 09:34	29° \mathfrak{M} 16'52	
	-4510 Mar 11 j 08:47	0° \mathfrak{A}			-4509 Jan 18 j 08:07	0° \mathfrak{A}	
morning set	-4510 Mar 18 j 06:15	13° \mathfrak{A} 36'08		desc. node	-4509 Jan 26 j 14:19	5° \mathfrak{A} 19'11	
				morning max el	-4509 Jan 28 j 09:05	6° \mathfrak{A} 59'22	27°40'44
superior conj	-4510 Mar 25 j 08:56	28° \mathfrak{A} 51'52	-0°04'35		-4509 Feb 14 j 22:26	0° \mathfrak{S}	
minimum elong	-4510 Mar 25 j 09:09	28° \mathfrak{A} 53'01	0°04'40	morning set	-4509 Mar 02 j 11:05	28° \mathfrak{S} 13'03	
behind sun begin	-4510 Mar 25 j 04:20	28° \mathfrak{A} 26'41			-4509 Mar 03 j 07:57	0° \mathfrak{A}	
behind sun end	-4510 Mar 25 j 13:57	29° \mathfrak{A} 19'21		max. Earth dist.	-4509 Mar 08 j 08:33	10° \mathfrak{A} 37'27	1.32827 AU
max. Earth dist.	-4510 Mar 24 j 21:25	27° \mathfrak{A} 48'55	1.32595 AU				
asc. node	-4510 Mar 25 j 19:29	29° \mathfrak{A} 49'33		superior conj	-4509 Mar 09 j 19:28	13° \mathfrak{A} 46'26	-0°29'30
	-4510 Mar 25 j 21:23	0° \mathfrak{H}		minimum elong	-4509 Mar 09 j 20:47	13° \mathfrak{A} 53'34	0°29'24
evening rise	-4510 Apr 01 j 08:23	13° \mathfrak{H} 56'05		asc. node	-4509 Mar 12 j 16:26	20° \mathfrak{A} 01'19	
	-4510 Apr 09 j 12:27	0° Υ		evening rise	-4509 Mar 16 j 19:43	28° \mathfrak{A} 53'52	
evening max el	-4510 Apr 29 j 08:42	27° Υ 56'03	25°51'37		-4509 Mar 17 j 08:19	0° \mathfrak{H}	
	-4510 May 01 j 16:08	0° \mathfrak{S}			-4509 Apr 03 j 10:42	0° Υ	
desc. node	-4510 May 07 j 15:51	3° \mathfrak{S} 51'47		evening max el	-4509 Apr 11 j 01:34	8° Υ 52'02	24°27'34
retrograde	-4510 May 13 j 10:49	5° \mathfrak{S} 11'04		retrograde	-4509 Apr 24 j 23:36	15° Υ 53'03	
evening set	-4510 May 19 j 06:34	3° \mathfrak{S} 49'11		desc. node	-4509 Apr 24 j 13:02	15° Υ 52'36	
min. Earth dist.	-4510 May 23 j 21:12	1° \mathfrak{S} 04'14	0.58650 AU	evening set	-4509 Apr 29 j 12:37	15° Υ 06'29	
	-4510 May 25 j 08:43	30° \mathfrak{R} Υ		min. Earth dist.	-4509 May 05 j 13:31	12° Υ 04'55	0.56836 AU
inferior conj	-4510 May 27 j 04:57	28° Υ 37'49	-4°04'43	inferior conj	-4509 May 08 j 06:37	10° Υ 20'50	-3°19'23

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4509 May 08 j 01:06	10° Υ 29'42	3°18'09	morning rise	-4508 Apr 26 j 13:05	17° X 26'00	
morning rise	-4509 May 16 j 16:45	6° Υ 14'49		direct	-4508 Apr 29 j 01:18	17° X 11'03	
direct	-4509 May 19 j 03:42	5° Υ 58'15		morning max el	-4508 May 10 j 02:25	22° X 20'35	20°39'35
morning max el	-4509 May 28 j 13:00	10° Υ 20'02	19°28'51		-4508 May 16 j 13:19	0° Υ	
asc. node	-4509 Jun 08 j 16:12	26° Υ 02'03		asc. node	-4508 May 25 j 13:11	15° Υ 25'34	
	-4509 Jun 10 j 19:34	0° X		morning set	-4508 May 29 j 01:59	22° Υ 29'44	
morning set	-4509 Jun 14 j 20:18	7° X 52'46			-4508 Jun 01 j 17:19	0° X	
superior conj	-4509 Jun 23 j 00:07	24° X 10'23	1°44'53	superior conj	-4508 Jun 05 j 17:21	8° X 14'18	1°33'22
minimum elong	-4509 Jun 22 j 22:23	24° X 01'52	1°44'58	minimum elong	-4508 Jun 05 j 14:46	8° X 01'08	1°33'13
	-4509 Jun 26 j 00:20	0° II		max. Earth dist.	-4508 Jun 10 j 06:42	17° X 20'56	1.35936 AU
max. Earth dist.	-4509 Jun 28 j 23:42	5° II 35'54	1.37638 AU	evening rise	-4508 Jun 14 j 11:52	25° X 24'10	
evening rise	-4509 Jul 02 j 20:27	12° II 36'57			-4508 Jun 16 j 23:59	0° II	
	-4509 Jul 13 j 04:36	0° X			-4508 Jul 05 j 15:59	0° X	
desc. node	-4509 Jul 21 j 11:42	12° X 34'52		desc. node	-4508 Jul 07 j 08:48	2° X 21'57	
	-4509 Aug 03 j 19:25	0° X		evening max el	-4508 Jul 20 j 04:16	17° X 41'04	26°17'51
evening max el	-4509 Aug 07 j 17:28	4° X 10'48	25°11'31	retrograde	-4508 Aug 01 j 20:46	24° X 54'20	
retrograde	-4509 Aug 19 j 13:51	11° X 04'06		evening set	-4508 Aug 08 j 07:31	22° X 10'31	
evening set	-4509 Aug 25 j 10:37	8° X 33'06		min. Earth dist.	-4508 Aug 12 j 10:11	17° X 45'46	0.66214 AU
min. Earth dist.	-4509 Aug 29 j 21:26	3° X 30'18	0.66941 AU	inferior conj	-4508 Aug 13 j 20:52	15° X 58'15	-2°24'58
inferior conj	-4509 Aug 30 j 20:02	2° X 16'07	-1°35'27	minimum elong	-4508 Aug 14 j 00:00	15° X 48'31	2°23'41
minimum elong	-4509 Aug 30 j 22:13	2° X 08'58	1°34'24	morning rise	-4508 Aug 19 j 16:42	10° X 08'09	
	-4509 Sep 01 j 14:31	30° X		asc. node	-4508 Aug 21 j 12:35	9° X 21'38	
asc. node	-4509 Sep 04 j 15:29	26° X 49'24		direct	-4508 Aug 22 j 19:57	9° X 11'52	
morning rise	-4509 Sep 05 j 09:54	26° X 15'00		morning max el	-4508 Aug 29 j 17:01	13° X 04'10	18°54'15
direct	-4509 Sep 08 j 21:53	25° X 04'01			-4508 Sep 10 j 23:29	0° X	
morning max el	-4509 Sep 16 j 09:04	29° X 22'39	19°46'54	morning set	-4508 Sep 20 j 07:54	14° X 47'30	
	-4509 Sep 16 j 23:20	0° X			-4508 Sep 29 j 22:33	0° X	
	-4509 Oct 08 j 00:52	0° X		desc. node	-4508 Oct 03 j 08:20	5° X 22'16	
morning set	-4509 Oct 11 j 16:20	5° X 38'31		max. Earth dist.	-4508 Oct 05 j 18:32	9° X 11'35	1.44764 AU
desc. node	-4509 Oct 17 j 11:25	14° X 40'35					
max. Earth dist.	-4509 Oct 24 j 01:59	25° X 05'55	1.44136 AU	superior conj	-4508 Oct 06 j 12:23	10° X 21'59	-0°19'56
	-4509 Oct 27 j 03:35	0° X		minimum elong	-4508 Oct 06 j 09:48	10° X 11'47	0°19'30
					-4508 Oct 18 j 20:55	0° X	
superior conj	-4509 Oct 28 j 08:31	1° X 56'24	-1°05'17	evening rise	-4508 Oct 22 j 04:09	5° X 18'52	
minimum elong	-4509 Oct 28 j 01:51	1° X 29'31	1°04'32		-4508 Nov 06 j 20:31	0° X	
evening rise	-4509 Nov 11 j 03:18	24° X 44'44		evening max el	-4508 Nov 12 j 02:48	6° X 34'37	18°48'56
	-4509 Nov 14 j 05:44	0° X		asc. node	-4508 Nov 17 j 11:22	10° X 13'11	
evening max el	-4509 Nov 29 j 15:09	23° X 09'51	18°19'27	retrograde	-4508 Nov 18 j 21:45	10° X 24'37	
asc. node	-4509 Dec 01 j 14:14	24° X 55'15		evening set	-4508 Nov 22 j 00:02	9° X 30'05	
retrograde	-4509 Dec 06 j 04:43	26° X 44'30		inferior conj	-4508 Nov 27 j 19:49	3° X 47'04	3°03'28
evening set	-4509 Dec 09 j 01:29	26° X 00'48		minimum elong	-4508 Nov 27 j 16:36	3° X 56'52	3°02'30
inferior conj	-4509 Dec 15 j 04:45	20° X 34'31	3°37'56	min. Earth dist.	-4508 Nov 29 j 12:13	1° X 44'12	0.65134 AU
minimum elong	-4509 Dec 15 j 01:51	20° X 42'38	3°37'15		-4508 Dec 01 j 00:14	30° X	
min. Earth dist.	-4509 Dec 17 j 11:40	18° X 01'43	0.63720 AU	morning rise	-4508 Dec 03 j 08:47	27° X 39'48	
morning rise	-4509 Dec 21 j 01:37	14° X 34'55		direct	-4508 Dec 10 j 00:28	24° X 49'30	
direct	-4509 Dec 28 j 01:43	11° X 46'20			-4508 Dec 20 j 12:45	0° X	
morning max el	-4508 Jan 10 j 17:00	19° X 29'31	27°33'00	morning max el	-4508 Dec 23 j 02:33	2° X 24'21	26°53'04
desc. node	-4508 Jan 13 j 11:20	22° X 23'05		desc. node	-4508 Dec 30 j 08:20	10° X 36'41	
	-4508 Jan 19 j 17:57	0° X			-4507 Jan 12 j 23:02	0° X	
	-4508 Feb 07 j 20:16	0° X		morning set	-4507 Jan 27 j 20:39	26° X 01'33	
morning set	-4508 Feb 14 j 08:59	12° X 25'09			-4507 Jan 29 j 21:48	0° X	
max. Earth dist.	-4508 Feb 19 j 13:12	23° X 00'19	1.33440 AU	max. Earth dist.	-4507 Feb 01 j 07:47	4° X 48'25	1.34480 AU
superior conj	-4508 Feb 22 j 03:07	28° X 28'20	-0°53'43	superior conj	-4507 Feb 05 j 05:49	12° X 50'41	-1°16'03
minimum elong	-4508 Feb 22 j 05:24	28° X 40'33	0°53'30	minimum elong	-4507 Feb 05 j 08:46	13° X 05'59	1°15'50
	-4508 Feb 22 j 20:16	0° X		evening rise	-4507 Feb 12 j 16:54	28° X 30'10	
asc. node	-4508 Feb 27 j 13:26	10° X 06'37		asc. node	-4507 Feb 13 j 10:28	0° X 00'58	
evening rise	-4508 Feb 29 j 07:09	13° X 47'16			-4507 Feb 13 j 10:17	0° X	
	-4508 Mar 08 j 13:48	0° X			-4507 Mar 04 j 02:50	0° X	
evening max el	-4508 Mar 22 j 18:05	19° X 35'22	22°53'43	evening max el	-4507 Mar 04 j 16:26	0° X 33'01	21°23'30
retrograde	-4508 Apr 04 j 23:53	26° X 05'21		retrograde	-4507 Mar 16 j 14:26	6° X 15'20	
evening set	-4508 Apr 08 j 06:41	25° X 41'44		evening set	-4507 Mar 19 j 03:09	6° X 00'47	
desc. node	-4508 Apr 10 j 10:12	22° X 02'34		inferior conj	-4507 Mar 28 j 09:42	2° X 00'50	-0°01'37
min. Earth dist.	-4508 Apr 16 j 04:13	22° X 11'55	0.55589 AU	minimum elong	-4507 Mar 28 j 09:37	2° X 00'57	0°01'43
inferior conj	-4508 Apr 17 j 13:33	21° X 23'39	-1°54'26	transit middle	-4507 Mar 28 j 09:37	2° X 00'57	0°01'43
minimum elong	-4508 Apr 17 j 08:46	21° X 30'34	1°53'00	transit begin	-4507 Mar 28 j 05:32	2° X 06'43	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

transit end	-4507 Mar 28 j 13:42	1° H 55'12		evening set	-4506 Feb 27 j 14:11	16° H 38'32	
desc. node	-4507 Mar 28 j 07:21	2° H 04'09		inferior conj	-4506 Mar 08 j 08:34	12° H 38'43	1°49'08
min. Earth dist.	-4507 Mar 28 j 18:29	1° H 48'26	0.55185 AU	minimum elong	-4506 Mar 08 j 12:53	12° H 32'11	1°47'39
	-4507 Apr 01 j 02:29	30° R		min. Earth dist.	-4506 Mar 10 j 08:33	11° H 26'29	0.55713 AU
morning rise	-4507 Apr 06 j 16:00	27° H 55'35		desc. node	-4506 Mar 15 j 04:30	8° H 56'02	
direct	-4507 Apr 09 j 14:03	27° H 36'50		morning rise	-4506 Mar 17 j 09:38	8° H 10'01	
	-4507 Apr 17 j 11:21	0° H		direct	-4506 Mar 21 j 05:56	7° H 37'31	
morning max el	-4507 Apr 22 j 04:57	3° H 39'43	22°07'31	morning max el	-4506 Apr 03 j 22:50	14° H 25'19	23°45'40
	-4507 May 09 j 20:26	0° Y			-4506 Apr 16 j 01:05	0° H	
asc. node	-4507 May 12 j 10:11	5° Y 10'31		morning set	-4506 Apr 27 j 23:36	22° H 23'30	
morning set	-4507 May 13 j 11:45	7° Y 22'26		asc. node	-4506 Apr 29 j 07:10	25° H 09'57	
					-4506 May 01 j 13:25	0° Y	
superior conj	-4507 May 20 j 18:50	22° Y 45'28	1°16'46				
minimum elong	-4507 May 20 j 16:09	22° Y 31'22	1°16'27	superior conj	-4506 May 05 j 01:45	7° Y 34'02	0°56'35
max. Earth dist.	-4507 May 23 j 23:37	29° Y 24'14	1.34572 AU	minimum elong	-4506 May 04 j 23:30	7° Y 21'59	0°56'12
	-4507 May 24 j 06:36	0° B		max. Earth dist.	-4506 May 07 j 02:13	11° Y 52'58	1.33572 AU
evening rise	-4507 May 28 j 19:15	9° B 01'33		evening rise	-4506 May 12 j 13:53	23° Y 13'56	
	-4507 Jun 09 j 11:57	0° II			-4506 May 16 j 00:51	0° B	
desc. node	-4507 Jun 24 j 05:55	21° II 36'16			-4506 Jun 03 j 04:30	0° II	
	-4507 Jul 01 j 13:09	0° E		desc. node	-4506 Jun 11 j 03:02	10° II 03'03	
evening max el	-4507 Jul 02 j 15:48	1° E 06'00	27°04'40	evening max el	-4506 Jun 15 j 02:20	14° II 12'28	27°24'57
retrograde	-4507 Jul 15 j 22:22	8° E 28'14		retrograde	-4506 Jun 28 j 18:06	21° II 36'51	
evening set	-4507 Jul 22 j 20:15	5° E 40'15		evening set	-4506 Jul 05 j 21:35	18° II 56'32	
min. Earth dist.	-4507 Jul 26 j 15:49	1° E 53'26	0.65124 AU	min. Earth dist.	-4506 Jul 09 j 12:18	15° II 43'33	0.63652 AU
	-4507 Jul 28 j 07:29	30° R II		inferior conj	-4506 Jul 12 j 02:30	13° II 02'35	-3°45'58
inferior conj	-4507 Jul 28 j 15:54	29° II 35'46	-3°09'28	minimum elong	-4506 Jul 12 j 05:54	12° II 53'46	3°45'08
minimum elong	-4507 Jul 28 j 19:33	29° II 25'17	3°08'15	morning rise	-4506 Jul 18 j 15:01	7° II 44'19	
morning rise	-4507 Aug 03 j 19:17	23° II 59'56		direct	-4506 Jul 21 j 07:33	7° II 08'33	
direct	-4507 Aug 06 j 16:07	23° II 15'13		asc. node	-4506 Jul 26 j 06:45	9° II 09'37	
asc. node	-4507 Aug 08 j 09:40	23° II 31'23		morning max el	-4506 Jul 27 j 20:14	10° II 33'22	17°59'15
morning max el	-4507 Aug 13 j 05:34	26° II 49'28	18°17'59		-4506 Aug 09 j 22:25	0° E	
	-4507 Aug 15 j 23:44	0° E		morning set	-4506 Aug 13 j 22:19	6° E 55'15	
morning set	-4507 Sep 01 j 02:20	25° E 15'02					
	-4507 Sep 03 j 23:28	0° O		superior conj	-4506 Aug 26 j 09:29	28° E 03'45	1°09'41
superior conj	-4507 Sep 15 j 13:36	18° O 44'29	0°29'10	minimum elong	-4506 Aug 26 j 15:23	28° E 28'04	1°09'14
minimum elong	-4507 Sep 15 j 17:10	18° O 58'38	0°28'51		-4506 Aug 27 j 13:47	0° O	
max. Earth dist.	-4507 Sep 18 j 12:40	23° O 26'13	1.44668 AU	max. Earth dist.	-4506 Sep 01 j 04:53	7° O 30'01	1.43862 AU
desc. node	-4507 Sep 20 j 05:17	26° O 06'34		desc. node	-4506 Sep 07 j 02:15	16° O 50'07	
	-4507 Sep 22 j 16:39	0° M		evening rise	-4506 Sep 11 j 10:11	23° O 34'35	
evening rise	-4507 Oct 02 j 04:03	14° M 49'15			-4506 Sep 15 j 14:28	0° M	
	-4507 Oct 11 j 22:44	0° A			-4506 Oct 06 j 11:54	0° A	
greatest brilliancy	-4507 Oct 13 j 17:02	2° A 41'42	-0.7m	evening max el	-4506 Oct 09 j 13:43	3° A 28'07	20°35'38
evening max el	-4507 Oct 26 j 10:59	20° A 01'42	19°34'58	retrograde	-4506 Oct 17 j 15:20	8° A 13'37	
retrograde	-4507 Nov 02 j 18:07	24° A 15'29		evening set	-4506 Oct 21 j 10:53	6° A 49'51	
asc. node	-4507 Nov 04 j 08:31	24° A 00'39		asc. node	-4506 Oct 22 j 05:39	6° A 11'57	
evening set	-4507 Nov 06 j 03:56	23° A 07'40		inferior conj	-4506 Oct 26 j 21:04	0° A 42'29	1°32'26
inferior conj	-4507 Nov 11 j 18:04	17° A 10'50	2°20'41	minimum elong	-4506 Oct 26 j 19:03	0° A 49'20	1°31'38
minimum elong	-4507 Nov 11 j 15:14	17° A 20'03	2°19'40		-4506 Oct 27 j 09:37	30° R M	
min. Earth dist.	-4507 Nov 12 j 21:06	15° A 43'06	0.66190 AU	min. Earth dist.	-4506 Oct 27 j 12:16	29° M 51'05	0.66897 AU
morning rise	-4507 Nov 17 j 02:17	10° A 58'19		morning rise	-4506 Nov 01 j 03:03	24° M 27'11	
direct	-4507 Nov 23 j 04:58	8° A 18'14		direct	-4506 Nov 06 j 14:38	22° M 04'40	
morning max el	-4507 Dec 05 j 11:49	15° A 32'47	25°48'24	morning max el	-4506 Nov 17 j 20:38	28° M 46'52	24°28'13
desc. node	-4507 Dec 17 j 05:18	29° A 39'34			-4506 Nov 19 j 00:54	0° A	
	-4507 Dec 17 j 11:18	0° M		desc. node	-4506 Dec 04 j 02:16	19° A 17'16	
	-4506 Jan 05 j 19:09	0° J			-4506 Dec 11 j 06:30	0° M	
morning set	-4506 Jan 10 j 17:39	8° J 48'47		morning set	-4506 Dec 23 j 18:20	20° M 31'33	
max. Earth dist.	-4506 Jan 14 j 14:50	16° J 05'41	1.35972 AU	max. Earth dist.	-4506 Dec 27 j 13:15	27° M 15'40	1.37839 AU
					-4506 Dec 29 j 01:16	0° J	
superior conj	-4506 Jan 20 j 00:59	26° J 45'22	-1°35'00	superior conj	-4505 Jan 03 j 09:12	10° J 02'49	-1°48'30
minimum elong	-4506 Jan 20 j 03:59	27° J 00'28	1°34'55	minimum elong	-4505 Jan 03 j 11:19	10° J 12'59	1°48'36
	-4506 Jan 21 j 15:27	0° B		evening rise	-4505 Jan 11 j 23:28	26° J 59'24	
evening rise	-4506 Jan 27 j 23:05	12° B 56'19			-4505 Jan 13 j 12:05	0° B	
asc. node	-4506 Jan 31 j 07:31	19° B 38'47		asc. node	-4505 Jan 18 j 04:34	8° B 53'59	
	-4506 Feb 05 j 23:20	0° H		evening max el	-4505 Jan 28 j 18:42	24° B 05'17	19°07'34
evening max el	-4506 Feb 15 j 00:24	12° H 01'20	20°06'25	retrograde	-4505 Feb 06 j 11:27	28° B 14'44	
retrograde	-4506 Feb 25 j 06:11	16° H 52'32		evening set	-4505 Feb 08 j 21:02	27° B 57'07	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

inferior conj	-4505 Feb 16 j 22:34	23° Z 43'53	3°10'15	inferior conj	-4504 Jan 29 j 08:44	5° Z 25'50	3°53'29
minimum elong	-4505 Feb 17 j 03:23	23° Z 35'33	3°09'00	minimum elong	-4504 Jan 29 j 11:08	5° Z 20'59	3°53'01
min. Earth dist.	-4505 Feb 19 j 23:36	21° Z 38'37	0.57039 AU	min. Earth dist.	-4504 Feb 01 j 17:48	2° Z 44'15	0.58872 AU
morning rise	-4505 Feb 25 j 07:08	18° Z 45'08		morning rise	-4504 Feb 05 j 20:41	0° Z 02'05	
direct	-4505 Mar 02 j 09:13	17° Z 44'36			-4504 Feb 05 j 22:17	30° R Z	
desc. node	-4505 Mar 02 j 01:36	17° Z 44'50		direct	-4504 Feb 12 j 01:39	28° Z 22'51	
morning max el	-4505 Mar 16 j 13:50	25° Z 01'44	25°21'32	desc. node	-4504 Feb 16 j 22:42	29° Z 21'45	
	-4505 Mar 21 j 04:14	0° \approx			-4504 Feb 18 j 09:03	0° Z	
	-4505 Apr 08 j 20:30	0° H		morning max el	-4504 Feb 26 j 07:41	5° Z 55'41	26°40'01
morning set	-4505 Apr 12 j 11:50	7° H 26'42			-4504 Mar 15 j 03:21	0° \approx	
asc. node	-4505 Apr 16 j 04:09	15° H 18'44		morning set	-4504 Mar 26 j 22:41	22° \approx 25'13	
					-4504 Mar 30 j 12:08	0° H	
				asc. node	-4504 Apr 02 j 01:07	5° H 32'00	
superior conj	-4505 Apr 19 j 11:56	22° H 32'45	0°33'56				
minimum elong	-4505 Apr 19 j 10:30	22° H 24'54	0°33'36	superior conj	-4504 Apr 02 j 23:35	7° H 34'52	0°09'45
max. Earth dist.	-4505 Apr 20 j 11:48	24° H 42'26	1.32926 AU	minimum elong	-4504 Apr 02 j 23:09	7° H 32'32	0°09'34
	-4505 Apr 22 j 22:43	0° Y		behind sun begin	-4504 Apr 02 j 19:09	7° H 10'39	
evening rise	-4505 Apr 26 j 16:20	7° Y 50'10		behind sun end	-4504 Apr 03 j 03:09	7° H 54'25	
	-4505 May 08 j 12:05	0° Z		max. Earth dist.	-4504 Apr 03 j 00:49	7° H 41'39	1.32617 AU
evening max el	-4505 May 28 j 09:30	26° Z 47'46	27°13'49	evening rise	-4504 Apr 09 j 23:54	22° H 40'53	
desc. node	-4505 May 29 j 00:09	27° Z 22'18			-4504 Apr 13 j 14:15	0° Y	
	-4505 Jun 01 j 02:40	0° II			-4504 May 01 j 19:00	0° Z	
retrograde	-4505 Jun 11 j 07:26	4° II 11'12		evening max el	-4504 May 09 j 11:13	8° Z 43'17	26°30'08
evening set	-4505 Jun 18 j 07:41	1° II 52'37		desc. node	-4504 May 14 j 21:17	13° Z 06'09	
	-4505 Jun 20 j 20:13	30° R Z		retrograde	-4504 May 23 j 13:09	16° Z 03'15	
min. Earth dist.	-4505 Jun 21 j 22:48	29° Z 03'07	0.61834 AU	evening set	-4504 May 29 j 22:32	14° Z 19'01	
inferior conj	-4505 Jun 25 j 01:32	26° Z 11'48	-4°09'57	min. Earth dist.	-4504 Jun 03 j 00:25	11° Z 37'01	0.59806 AU
minimum elong	-4505 Jun 25 j 03:31	26° Z 07'14	4°09'37	inferior conj	-4504 Jun 06 j 09:29	8° Z 55'01	-4°14'34
morning rise	-4505 Jul 02 j 00:49	21° Z 13'48		minimum elong	-4504 Jun 06 j 08:42	8° Z 56'35	4°14'25
direct	-4505 Jul 04 j 14:43	20° Z 45'02		morning rise	-4504 Jun 13 j 21:09	4° Z 18'30	
morning max el	-4505 Jul 11 j 10:23	24° Z 10'01	17°58'57	direct	-4504 Jun 16 j 09:29	3° Z 55'22	
asc. node	-4505 Jul 13 j 03:49	26° Z 01'26		morning max el	-4504 Jun 23 j 21:08	7° Z 31'50	18°17'58
	-4505 Jul 16 j 04:01	0° II		asc. node	-4504 Jun 29 j 00:50	13° Z 51'33	
morning set	-4505 Jul 27 j 14:41	19° II 34'05			-4504 Jul 08 j 08:27	0° II	
	-4505 Aug 02 j 09:22	0° Z		morning set	-4504 Jul 09 j 22:20	2° II 58'55	
superior conj	-4505 Aug 07 j 08:54	8° Z 45'14	1°35'45	superior conj	-4504 Jul 19 j 09:47	20° II 43'30	1°47'45
minimum elong	-4505 Aug 07 j 13:11	9° Z 03'46	1°35'39	minimum elong	-4504 Jul 19 j 11:16	20° II 50'13	1°47'56
max. Earth dist.	-4505 Aug 14 j 16:06	21° Z 04'06	1.42465 AU		-4504 Jul 24 j 14:36	0° Z	
	-4505 Aug 20 j 04:37	0° Z		max. Earth dist.	-4504 Jul 26 j 21:17	3° Z 56'11	1.40672 AU
evening rise	-4505 Aug 21 j 16:34	2° Z 22'20		evening rise	-4504 Jul 31 j 18:01	12° Z 05'26	
desc. node	-4505 Aug 24 j 23:12	7° Z 29'38		desc. node	-4504 Aug 10 j 20:11	28° Z 01'50	
	-4505 Sep 09 j 02:33	0° H			-4504 Aug 12 j 03:26	0° Z	
evening max el	-4505 Sep 22 j 10:03	16° H 52'42	21°47'58		-4504 Sep 03 j 17:47	0° H	
retrograde	-4505 Oct 01 j 11:29	22° H 15'37		evening max el	-4504 Sep 04 j 00:52	0° H 17'56	23°07'25
evening set	-4505 Oct 05 j 18:53	20° H 33'42		retrograde	-4504 Sep 14 j 05:02	6° H 19'42	
asc. node	-4505 Oct 09 j 02:47	17° H 00'49		evening set	-4504 Sep 19 j 02:10	4° H 18'12	
inferior conj	-4505 Oct 11 j 02:45	14° H 19'15	0°40'46		-4504 Sep 22 j 22:12	30° R Z	
minimum elong	-4505 Oct 11 j 01:49	14° H 22'29	0°40'26	inferior conj	-4504 Sep 24 j 09:20	28° Z 00'15	-0°12'26
min. Earth dist.	-4505 Oct 11 j 07:16	14° H 03'39	0.67294 AU	minimum elong	-4504 Sep 24 j 09:37	27° Z 59'16	0°12'12
morning rise	-4505 Oct 16 j 08:37	8° H 03'51		transit middle	-4504 Sep 24 j 09:37	27° Z 59'16	0°12'12
direct	-4505 Oct 21 j 05:01	6° H 02'13		transit begin	-4504 Sep 24 j 07:49	28° Z 05'28	
morning max el	-4505 Oct 31 j 06:43	12° H 03'07	23°01'57	transit end	-4504 Sep 24 j 11:25	27° Z 53'04	
	-4505 Nov 14 j 13:21	0° Z		min. Earth dist.	-4504 Sep 24 j 03:42	28° Z 19'40	0.67400 AU
desc. node	-4505 Nov 20 j 23:10	9° Z 18'59		asc. node	-4504 Sep 24 j 23:55	27° Z 10'13	
	-4505 Dec 04 j 03:34	0° H		morning rise	-4504 Sep 29 j 16:58	21° Z 47'47	
morning set	-4505 Dec 04 j 16:36	0° H 53'51		direct	-4504 Oct 03 j 23:21	20° Z 07'13	
max. Earth dist.	-4505 Dec 09 j 09:23	8° H 49'45	1.39894 AU	morning max el	-4504 Oct 12 j 21:09	25° Z 24'14	21°38'18
					-4504 Oct 16 j 22:55	0° H	
superior conj	-4505 Dec 17 j 01:56	22° H 29'57	-1°53'46	desc. node	-4504 Nov 06 j 20:05	29° H 38'00	
minimum elong	-4505 Dec 17 j 01:51	22° H 29'33	1°53'55		-4504 Nov 07 j 01:49	0° Z	
	-4505 Dec 21 j 02:40	0° Z		morning set	-4504 Nov 13 j 10:30	9° Z 54'54	
evening rise	-4505 Dec 26 j 15:12	10° Z 31'18		max. Earth dist.	-4504 Nov 20 j 10:06	21° Z 12'48	1.41868 AU
asc. node	-4504 Jan 05 j 01:37	27° Z 38'07			-4504 Nov 25 j 15:32	0° H	
	-4504 Jan 06 j 13:59	0° Z					
evening max el	-4504 Jan 11 j 21:42	6° Z 39'56	18°28'45	superior conj	-4504 Nov 27 j 21:44	3° H 53'38	-1°47'14
retrograde	-4504 Jan 19 j 10:57	10° Z 22'06		minimum elong	-4504 Nov 27 j 18:14	3° H 38'26	1°47'10
evening set	-4504 Jan 21 j 23:25	9° Z 58'43					

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening rise	-4504 Dec 08 j 18:57	23° M 24'43		evening rise	-4503 Nov 21 j 06:34	5° M 31'26	
	-4504 Dec 12 j 09:38	0° Z			-4503 Dec 06 j 07:38	0° Z	
asc. node	-4504 Dec 21 j 22:41	15° Z 41'36		asc. node	-4503 Dec 08 j 19:46	2° Z 52'30	
evening max el	-4504 Dec 25 j 06:45	19° Z 37'35	18°10'00	evening max el	-4503 Dec 08 j 18:59	2° Z 50'31	18°10'40
retrograde	-4503 Jan 01 j 03:16	23° Z 07'07		retrograde	-4503 Dec 15 j 08:32	6° Z 20'03	
evening set	-4503 Jan 03 j 18:36	22° Z 36'38		evening set	-4503 Dec 18 j 03:05	5° Z 41'26	
inferior conj	-4503 Jan 10 j 14:11	17° Z 42'09	4°04'31	inferior conj	-4503 Dec 24 j 11:36	0° Z 26'02	3°52'25
minimum elong	-4503 Jan 10 j 13:48	17° Z 43'04	4°04'18	minimum elong	-4503 Dec 24 j 09:18	0° Z 32'04	3°51'56
min. Earth dist.	-4503 Jan 13 j 17:57	14° Z 47'47	0.60874 AU		-4503 Dec 24 j 21:29	30° R M	
morning rise	-4503 Jan 17 j 07:36	12° Z 01'03		min. Earth dist.	-4503 Dec 27 j 02:48	27° M 40'53	0.62757 AU
direct	-4503 Jan 24 j 04:57	9° Z 44'57		morning rise	-4503 Dec 30 j 14:44	24° M 32'27	
desc. node	-4503 Feb 02 j 19:46	13° Z 33'24		direct	-4502 Jan 06 j 16:40	21° M 51'35	
morning max el	-4503 Feb 07 j 07:21	17° Z 25'04	27°28'43	morning max el	-4502 Jan 20 j 12:48	29° M 34'25	27°41'47
	-4503 Feb 17 j 19:40	0° Z		desc. node	-4502 Jan 20 j 16:49	29° M 44'19	
	-4503 Mar 07 j 16:24	0° \approx			-4502 Jan 20 j 23:06	0° Z	
morning set	-4503 Mar 11 j 06:19	7° \approx 12'09			-4502 Feb 11 j 16:58	0° Z	
max. Earth dist.	-4503 Mar 17 j 13:39	20° \approx 37'42	1.32648 AU	morning set	-4502 Feb 23 j 08:36	21° Z 39'52	
					-4502 Feb 27 j 09:24	0° \approx	
superior conj	-4503 Mar 18 j 11:01	22° \approx 34'09	-0°15'10	max. Earth dist.	-4502 Feb 28 j 22:36	3° \approx 17'29	1.33038 AU
minimum elong	-4503 Mar 18 j 11:42	22° \approx 37'53	0°15'10				
behind sun begin	-4503 Mar 18 j 10:18	22° \approx 30'13		superior conj	-4502 Mar 02 j 20:36	7° \approx 24'37	-0°39'54
behind sun end	-4503 Mar 18 j 13:06	22° \approx 45'33		minimum elong	-4502 Mar 02 j 22:21	7° \approx 34'04	0°39'44
asc. node	-4503 Mar 19 j 22:05	25° \approx 45'34		asc. node	-4502 Mar 06 j 19:04	15° \approx 55'29	
	-4503 Mar 21 j 20:47	0° H		evening rise	-4502 Mar 09 j 22:04	22° \approx 35'45	
evening rise	-4503 Mar 25 j 10:25	7° H 38'21			-4502 Mar 13 j 12:37	0° H	
	-4503 Apr 06 j 05:00	0° Y			-4502 Apr 02 j 03:55	0° Y	
evening max el	-4503 Apr 21 j 06:58	19° Y 58'37	25°18'02	evening max el	-4502 Apr 02 j 23:14	0° Y 47'20	23°48'05
desc. node	-4503 May 01 j 18:27	26° Y 38'46		retrograde	-4502 Apr 16 j 15:51	7° Y 36'37	
retrograde	-4503 May 05 j 08:43	27° Y 09'06		desc. node	-4502 Apr 18 j 15:36	7° Y 27'45	
evening set	-4503 May 10 j 15:51	26° Y 03'36		evening set	-4502 Apr 20 j 15:21	7° Y 01'42	
min. Earth dist.	-4503 May 15 j 19:27	23° Y 12'50	0.57827 AU	min. Earth dist.	-4502 Apr 27 j 10:46	3° Y 49'46	0.56224 AU
inferior conj	-4503 May 18 j 22:50	21° Y 02'24	-3°50'17	inferior conj	-4502 Apr 29 j 16:12	2° Y 28'32	-2°48'04
minimum elong	-4503 May 18 j 18:40	21° Y 09'40	3°49'35	minimum elong	-4502 Apr 29 j 10:26	2° Y 37'21	2°46'33
morning rise	-4503 May 27 j 00:28	16° Y 46'13			-4502 May 04 j 01:13	30° R H	
direct	-4503 May 29 j 11:49	16° Y 27'33		morning rise	-4502 May 08 j 08:23	28° H 27'30	
morning max el	-4503 Jun 07 j 01:32	20° Y 28'50	18°57'03	direct	-4502 May 10 j 19:36	28° H 11'52	
	-4503 Jun 14 j 10:29	0° B			-4502 May 17 j 01:55	0° Y	
asc. node	-4503 Jun 15 j 21:50	2° B 25'59		morning max el	-4502 May 20 j 20:58	2° Y 52'19	19°56'30
morning set	-4503 Jun 23 j 17:01	16° B 58'24		asc. node	-4502 Jun 02 j 18:51	21° Y 34'31	
	-4503 Jun 30 j 08:19	0° II			-4502 Jun 07 j 02:43	0° B	
				morning set	-4502 Jun 07 j 19:29	1° B 24'21	
superior conj	-4503 Jul 02 j 06:23	3° II 41'53	1°48'28				
minimum elong	-4503 Jul 02 j 05:33	3° II 37'54	1°48'38	superior conj	-4502 Jun 15 j 17:24	17° B 25'56	1°40'44
max. Earth dist.	-4503 Jul 08 j 23:01	16° II 07'32	1.38731 AU	minimum elong	-4502 Jun 15 j 15:12	17° B 14'58	1°40'43
evening rise	-4503 Jul 12 j 21:47	23° II 05'05		max. Earth dist.	-4502 Jun 21 j 02:48	27° B 56'26	1.36888 AU
	-4503 Jul 16 j 23:52	0° B			-4502 Jun 22 j 05:00	0° II	
desc. node	-4503 Jul 28 j 17:14	18° B 21'36		evening rise	-4502 Jun 25 j 01:44	5° II 17'07	
	-4503 Aug 05 j 23:15	0° Q			-4502 Jul 09 j 21:34	0° B	
evening max el	-4503 Aug 17 j 12:25	13° Q 45'54	24°27'51	desc. node	-4502 Jul 15 j 14:17	8° B 22'50	
retrograde	-4503 Aug 28 j 18:55	20° Q 22'09		evening max el	-4502 Jul 30 j 23:05	27° B 16'31	25°41'33
evening set	-4503 Sep 03 j 07:00	18° Q 01'23			-4502 Aug 02 j 23:08	0° Q	
min. Earth dist.	-4503 Sep 07 j 23:00	12° Q 37'24	0.67206 AU	retrograde	-4502 Aug 12 j 04:23	4° Q 18'46	
inferior conj	-4503 Sep 08 j 15:07	11° Q 43'17	-1°05'34	evening set	-4502 Aug 18 j 07:26	1° Q 41'32	
minimum elong	-4503 Sep 08 j 16:38	11° Q 38'12	1°04'46		-4502 Aug 20 j 00:50	30° R B	
asc. node	-4503 Sep 11 j 21:02	7° Q 38'57		min. Earth dist.	-4502 Aug 22 j 14:46	26° B 54'52	0.66685 AU
morning rise	-4503 Sep 14 j 02:13	5° Q 37'03		inferior conj	-4502 Aug 23 j 18:18	25° B 26'28	-1°56'55
direct	-4503 Sep 17 j 20:24	4° Q 15'54		minimum elong	-4502 Aug 23 j 20:56	25° B 18'03	1°55'43
morning max el	-4503 Sep 25 j 18:22	8° Q 53'16	20°23'49	morning rise	-4502 Aug 29 j 10:31	19° B 29'43	
	-4503 Oct 11 j 12:13	0° P		asc. node	-4502 Aug 29 j 18:10	19° B 18'01	
morning set	-4503 Oct 23 j 10:12	18° P 09'17		direct	-4502 Sep 01 j 18:37	18° B 25'15	
desc. node	-4503 Oct 24 j 17:00	20° P 08'55		morning max el	-4502 Sep 08 j 22:48	22° B 31'08	19°22'33
	-4503 Oct 30 j 23:22	0° L			-4502 Sep 15 j 00:23	0° Q	
max. Earth dist.	-4503 Nov 02 j 18:42	4° L 29'06	1.43474 AU	morning set	-4502 Oct 02 j 14:14	26° Q 43'07	
					-4502 Oct 04 j 16:37	0° P	
superior conj	-4503 Nov 08 j 15:22	14° L 01'48	-1°25'24	desc. node	-4502 Oct 11 j 13:56	10° P 47'42	
minimum elong	-4503 Nov 08 j 08:51	13° L 34'56	1°24'51	max. Earth dist.	-4502 Oct 16 j 09:45	18° P 24'13	1.44495 AU
	-4503 Nov 18 j 02:10	0° M					

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4502 Oct 19 j 06:12	22° \mathbb{M} 55'50	-0°47'18	desc. node	-4501 Sep 28 j 10:53	1° \mathbb{M} 30'56	
minimum elong	-4502 Oct 19 j 00:37	22° \mathbb{M} 33'37	0°46'34	max. Earth dist.	-4501 Sep 29 j 03:34	2° \mathbb{M} 36'43	1.44809 AU
	-4502 Oct 23 j 16:10	0° \mathfrak{L}		evening rise	-4501 Oct 14 j 11:31	26° \mathbb{M} 49'08	
evening rise	-4502 Nov 02 j 21:22	16° \mathfrak{L} 42'11			-4501 Oct 16 j 11:36	0° \mathfrak{L}	
	-4502 Nov 10 j 22:20	0° \mathbb{M}		greatest brilliancy	-4501 Oct 22 j 13:24	9° \mathfrak{L} 37'36	-0.8m
evening max el	-4502 Nov 22 j 07:33	16° \mathbb{M} 11'58	18°29'52	evening max el	-4501 Nov 05 j 17:56	29° \mathfrak{L} 37'45	19°06'33
asc. node	-4502 Nov 25 j 16:55	18° \mathbb{M} 56'08			-4501 Nov 06 j 02:42	0° \mathbb{M}	
retrograde	-4502 Nov 28 j 22:27	19° \mathbb{M} 52'03		retrograde	-4501 Nov 12 j 17:24	3° \mathbb{M} 37'19	
evening set	-4502 Dec 01 j 21:24	19° \mathbb{M} 03'52		asc. node	-4501 Nov 12 j 14:03	3° \mathbb{M} 37'13	
inferior conj	-4502 Dec 07 j 21:12	13° \mathbb{M} 29'50	3°24'34	evening set	-4501 Nov 15 j 22:33	2° \mathbb{M} 37'29	
minimum elong	-4502 Dec 07 j 18:04	13° \mathbb{M} 38'57	3°23'44		-4501 Nov 18 j 23:13	30° \mathfrak{R} \mathfrak{L}	
min. Earth dist.	-4502 Dec 09 j 21:44	11° \mathbb{M} 09'08	0.64362 AU	inferior conj	-4501 Nov 21 j 15:41	26° \mathfrak{L} 47'59	2°46'11
morning rise	-4502 Dec 13 j 14:17	7° \mathbb{M} 26'44		minimum elong	-4501 Nov 21 j 12:34	26° \mathfrak{L} 57'48	2°45'09
direct	-4502 Dec 20 j 11:27	4° \mathbb{M} 36'07		min. Earth dist.	-4501 Nov 23 j 02:11	24° \mathfrak{L} 59'43	0.65620 AU
morning max el	-4501 Jan 02 j 21:49	12° \mathbb{M} 16'27	27°19'45	morning rise	-4501 Nov 27 j 02:16	20° \mathfrak{L} 37'56	
desc. node	-4501 Jan 07 j 13:50	17° \mathbb{M} 20'31		direct	-4501 Dec 03 j 12:38	17° \mathfrak{L} 50'56	
	-4501 Jan 17 j 04:15	0° \mathfrak{X}		morning max el	-4501 Dec 16 j 07:40	25° \mathfrak{L} 19'18	26°28'09
	-4501 Feb 04 j 04:18	0° \mathfrak{Z}			-4501 Dec 20 j 15:13	0° \mathbb{M}	
morning set	-4501 Feb 07 j 02:35	5° \mathfrak{Z} 37'49		desc. node	-4501 Dec 25 j 10:51	5° \mathbb{M} 57'13	
max. Earth dist.	-4501 Feb 11 j 23:34	15° \mathfrak{Z} 27'02	1.33828 AU		-4500 Jan 10 j 15:39	0° \mathfrak{X}	
				morning set	-4500 Jan 21 j 08:38	18° \mathfrak{X} 54'58	
superior conj	-4501 Feb 15 j 02:24	21° \mathfrak{Z} 58'37	-1°03'30	max. Earth dist.	-4500 Jan 25 j 13:24	27° \mathfrak{X} 01'01	1.35060 AU
minimum elong	-4501 Feb 15 j 05:01	22° \mathfrak{Z} 12'28	1°03'16		-4500 Jan 27 j 01:23	0° \mathfrak{Z}	
	-4501 Feb 18 j 20:51	0° \approx					
asc. node	-4501 Feb 21 j 16:04	5° \approx 56'32		superior conj	-4500 Jan 30 j 02:12	6° \mathfrak{Z} 09'38	-1°24'38
evening rise	-4501 Feb 22 j 09:00	7° \approx 25'20		minimum elong	-4500 Jan 30 j 05:15	6° \mathfrak{Z} 25'21	1°24'27
	-4501 Mar 06 j 12:43	0° \mathfrak{H}		evening rise	-4500 Feb 06 j 17:28	22° \mathfrak{Z} 01'25	
evening max el	-4501 Mar 15 j 17:23	11° \mathfrak{H} 32'54	22°14'12	asc. node	-4500 Feb 08 j 13:05	25° \mathfrak{Z} 44'08	
retrograde	-4501 Mar 28 j 11:08	17° \mathfrak{H} 44'23			-4500 Feb 10 j 16:35	0° \approx	
evening set	-4501 Mar 31 j 08:39	17° \mathfrak{H} 25'50		evening max el	-4500 Feb 25 j 19:20	22° \approx 41'07	20°48'40
desc. node	-4501 Apr 05 j 12:46	15° \mathfrak{H} 33'00		retrograde	-4500 Mar 08 j 00:56	28° \approx 01'53	
min. Earth dist.	-4501 Apr 09 j 00:50	13° \mathfrak{H} 40'07	0.55307 AU	evening set	-4500 Mar 10 j 10:07	27° \approx 48'23	
inferior conj	-4501 Apr 09 j 17:05	13° \mathfrak{H} 17'08	-1°08'33	inferior conj	-4500 Mar 19 j 12:32	23° \approx 50'22	0°47'35
minimum elong	-4501 Apr 09 j 13:59	13° \mathfrak{H} 21'31	1°07'35	minimum elong	-4500 Mar 19 j 14:40	23° \approx 47'18	0°46'44
morning rise	-4501 Apr 18 j 20:46	9° \mathfrak{H} 18'54		min. Earth dist.	-4500 Mar 20 j 15:03	23° \approx 12'11	0.55294 AU
direct	-4501 Apr 21 j 11:47	9° \mathfrak{H} 03'16		desc. node	-4500 Mar 22 j 09:54	22° \approx 12'10	
morning max el	-4501 May 03 j 05:41	14° \mathfrak{H} 34'48	21°15'12	morning rise	-4500 Mar 28 j 18:13	19° \approx 36'31	
	-4501 May 14 j 17:03	0° \mathfrak{Y}		direct	-4500 Mar 31 j 23:54	19° \approx 13'41	
asc. node	-4501 May 20 j 15:51	11° \mathfrak{Y} 07'50		morning max el	-4500 Apr 14 j 04:10	25° \approx 37'43	22°48'42
morning set	-4501 May 23 j 03:11	16° \mathfrak{Y} 08'52			-4500 Apr 18 j 05:56	0° \mathfrak{H}	
	-4501 May 29 j 18:44	0° \mathfrak{B}			-4500 May 06 j 01:27	0° \mathfrak{Y}	
				morning set	-4500 May 06 j 14:00	1° \mathfrak{Y} 05'18	
superior conj	-4501 May 30 j 14:33	1° \mathfrak{B} 42'39	1°26'51	asc. node	-4500 May 06 j 12:49	0° \mathfrak{Y} 59'06	
minimum elong	-4501 May 30 j 11:51	1° \mathfrak{B} 28'41	1°26'38				
max. Earth dist.	-4501 Jun 03 j 13:52	9° \mathfrak{B} 47'23	1.35313 AU	superior conj	-4500 May 13 j 18:37	16° \mathfrak{Y} 21'58	1°08'34
evening rise	-4501 Jun 08 j 00:32	18° \mathfrak{B} 27'05		minimum elong	-4500 May 13 j 16:04	16° \mathfrak{Y} 08'26	1°08'13
	-4501 Jun 14 j 08:34	0° \mathbb{I}		max. Earth dist.	-4500 May 16 j 10:46	21° \mathfrak{Y} 59'29	1.34097 AU
desc. node	-4501 Jul 02 j 11:23	27° \mathbb{I} 57'15			-4500 May 20 j 08:51	0° \mathfrak{B}	
	-4501 Jul 04 j 00:48	0° \mathfrak{E}		evening rise	-4500 May 21 j 13:09	2° \mathfrak{B} 20'21	
evening max el	-4501 Jul 13 j 10:08	10° \mathfrak{E} 45'04	26°40'27		-4500 Jun 06 j 05:38	0° \mathbb{I}	
retrograde	-4501 Jul 26 j 09:05	18° \mathfrak{E} 03'17		desc. node	-4500 Jun 18 j 08:29	16° \mathbb{I} 53'15	
evening set	-4501 Aug 02 j 01:14	15° \mathfrak{E} 16'07		evening max el	-4500 Jun 24 j 21:16	24° \mathbb{I} 02'50	27°16'51
min. Earth dist.	-4501 Aug 06 j 00:37	11° \mathfrak{E} 08'00	0.65803 AU		-4500 Jul 02 j 19:28	0° \mathfrak{E}	
inferior conj	-4501 Aug 07 j 16:58	9° \mathfrak{E} 06'53	-2°44'37	retrograde	-4500 Jul 08 j 08:30	1° \mathfrak{E} 27'32	
minimum elong	-4501 Aug 07 j 20:23	8° \mathfrak{E} 56'35	2°43'19		-4500 Jul 13 j 11:27	30° \mathfrak{R} \mathbb{I}	
morning rise	-4501 Aug 13 j 15:51	3° \mathfrak{E} 22'47		evening set	-4500 Jul 15 j 09:35	28° \mathbb{I} 40'54	
direct	-4501 Aug 16 j 16:06	2° \mathfrak{E} 31'51		min. Earth dist.	-4500 Jul 19 j 02:32	25° \mathbb{I} 09'26	0.64540 AU
asc. node	-4501 Aug 16 j 15:17	2° \mathfrak{E} 31'51		inferior conj	-4500 Jul 21 j 08:44	22° \mathbb{I} 40'20	-3°26'11
morning max el	-4501 Aug 23 j 09:05	6° \mathfrak{E} 15'12	18°36'45	minimum elong	-4500 Jul 21 j 12:24	22° \mathbb{I} 30'14	3°25'06
	-4501 Sep 08 j 17:32	0° \mathfrak{Q}		morning rise	-4500 Jul 27 j 15:51	17° \mathbb{I} 11'46	
morning set	-4501 Sep 12 j 16:51	6° \mathfrak{Q} 24'51		direct	-4500 Jul 30 j 10:29	16° \mathbb{I} 31'20	
	-4501 Sep 27 j 11:50	0° \mathbb{M}		asc. node	-4500 Aug 02 j 12:23	17° \mathbb{I} 20'36	
				morning max el	-4500 Aug 05 j 22:54	20° \mathbb{I} 00'44	18°07'47
superior conj	-4501 Sep 28 j 06:02	1° \mathbb{M} 11'49	0°01'17		-4500 Aug 13 j 10:36	0° \mathfrak{E}	
minimum elong	-4501 Sep 28 j 06:13	1° \mathbb{M} 12'32	0°01'23	morning set	-4500 Aug 23 j 22:38	17° \mathfrak{E} 24'17	
behind sun begin	-4501 Sep 27 j 18:51	0° \mathbb{M} 27'44			-4500 Aug 31 j 11:37	0° \mathfrak{Q}	
behind sun end	-4501 Sep 28 j 17:34	1° \mathbb{M} 57'19					

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4500 Sep 06 j 13:11	9°Ω52'57	0°47'56	superior conj	-4499 Aug 17 j 20:36	19°Ω46'48	1°22'34
minimum elong	-4500 Sep 06 j 18:22	10°Ω13'46	0°47'29	minimum elong	-4499 Aug 18 j 02:09	20°Ω10'05	1°22'15
max. Earth dist.	-4500 Sep 10 j 20:47	16°Ω47'01	1.44402 AU		-4499 Aug 24 j 01:11	0°Ω	
desc. node	-4500 Sep 14 j 07:49	22°Ω15'03		max. Earth dist.	-4499 Aug 24 j 10:54	0°Ω39'24	1.43337 AU
	-4500 Sep 19 j 06:39	0°Π		desc. node	-4499 Sep 01 j 04:45	12°Ω57'26	
evening rise	-4500 Sep 23 j 02:12	5°Π55'31		evening rise	-4499 Sep 02 j 05:55	14°Ω35'23	
greatest brilliancy	-4500 Oct 06 j 10:32	26°Π19'18	-0.7m		-4499 Sep 12 j 08:40	0°Π	
	-4500 Oct 08 j 22:24	0°Ω		evening max el	-4499 Oct 02 j 00:03	26°Π30'12	21°05'13
evening max el	-4500 Oct 18 j 23:55	13°Ω04'15	19°59'09		-4499 Oct 06 j 02:31	0°Ω	
retrograde	-4500 Oct 26 j 14:23	17°Ω31'01		retrograde	-4499 Oct 10 j 11:14	1°Ω30'45	
asc. node	-4500 Oct 29 j 11:13	16°Ω43'12		evening set	-4499 Oct 14 j 11:34	29°Π59'40	
evening set	-4500 Oct 30 j 03:58	16°Ω16'56			-4499 Oct 14 j 11:23	30°RΠ	
inferior conj	-4500 Nov 04 j 16:14	10°Ω15'17	2°00'46	asc. node	-4499 Oct 16 j 08:22	28°Π15'50	
minimum elong	-4500 Nov 04 j 13:42	10°Ω23'42	1°59'48	inferior conj	-4499 Oct 19 j 20:37	23°Π49'07	1°10'48
min. Earth dist.	-4500 Nov 05 j 14:08	9°Ω02'43	0.66529 AU	minimum elong	-4499 Oct 19 j 19:01	23°Π54'33	1°10'11
morning rise	-4500 Nov 09 j 23:11	4°Ω01'00		min. Earth dist.	-4499 Oct 20 j 07:14	23°Π12'47	0.67113 AU
direct	-4500 Nov 15 j 19:33	1°Ω27'30		morning rise	-4499 Oct 25 j 02:18	17°Π33'25	
morning max el	-4500 Nov 27 j 16:36	8°Ω30'28	25°15'30	direct	-4499 Oct 30 j 07:29	15°Π19'18	
desc. node	-4500 Dec 11 j 07:49	25°Ω16'06		morning max el	-4499 Nov 10 j 01:23	21°Π44'20	23°51'31
	-4500 Dec 14 j 15:24	0°Π			-4499 Nov 17 j 05:18	0°Ω	
	-4499 Jan 02 j 04:37	0°♂		desc. node	-4499 Nov 28 j 04:45	15°Ω04'50	
morning set	-4499 Jan 02 j 21:42	1°♂16'28			-4499 Dec 07 j 22:55	0°Π	
max. Earth dist.	-4499 Jan 06 j 15:40	8°♂08'53	1.36724 AU	morning set	-4499 Dec 15 j 11:42	12°Π25'42	
				max. Earth dist.	-4499 Dec 19 j 11:45	19°Π23'04	1.38708 AU
					-4499 Dec 25 j 07:51	0°♂	
superior conj	-4499 Jan 12 j 17:08	19°♂49'14	-1°41'34				
minimum elong	-4499 Jan 12 j 19:53	20°♂02'54	1°41'33	superior conj	-4499 Dec 26 j 19:22	2°♂46'42	-1°51'57
	-4499 Jan 17 j 18:47	0°♂		minimum elong	-4499 Dec 26 j 20:43	2°♂53'05	1°52'06
evening rise	-4499 Jan 20 j 21:25	6°♂17'47		evening rise	-4498 Jan 04 j 18:26	20°♂07'52	
asc. node	-4499 Jan 25 j 10:08	15°♂12'46			-4498 Jan 09 j 22:15	0°♂	
	-4499 Feb 03 j 10:21	0°≈		asc. node	-4498 Jan 12 j 07:11	4°♂15'26	
evening max el	-4499 Feb 07 j 07:51	4°≈24'44	19°39'03	evening max el	-4498 Jan 21 j 06:12	16°♂42'35	18°48'38
retrograde	-4499 Feb 16 j 21:02	8°≈56'15		retrograde	-4498 Jan 29 j 09:38	20°♂38'06	
evening set	-4499 Feb 19 j 05:14	8°≈41'10		evening set	-4498 Jan 31 j 20:37	20°♂18'05	
inferior conj	-4499 Feb 27 j 16:41	4°≈37'18	2°28'08	inferior conj	-4498 Feb 08 j 14:59	15°♂57'00	3°33'06
minimum elong	-4499 Feb 27 j 21:43	4°≈29'17	2°26'34	minimum elong	-4498 Feb 08 j 18:59	15°♂49'39	3°32'12
min. Earth dist.	-4499 Mar 02 j 05:40	3°≈00'46	0.56189 AU	min. Earth dist.	-4498 Feb 11 j 21:32	13°♂33'45	0.57779 AU
morning rise	-4499 Mar 08 j 11:41	29°♂55'29		morning rise	-4498 Feb 16 j 14:53	10°♂47'05	
	-4499 Mar 08 j 06:11	30°R♂		direct	-4498 Feb 22 j 05:39	9°♂30'32	
desc. node	-4499 Mar 09 j 07:02	29°♂41'18		desc. node	-4498 Feb 24 j 04:08	9°♂39'41	
direct	-4499 Mar 12 j 20:28	29°♂12'35		morning max el	-4498 Mar 08 j 11:18	16°♂55'10	25°57'58
	-4499 Mar 17 j 09:40	0°≈			-4498 Mar 19 j 04:43	0°≈	
morning max el	-4499 Mar 26 j 19:59	6°≈15'44	24°27'37		-4498 Apr 05 j 00:45	0°♂	
	-4499 Apr 12 j 20:54	0°♂		morning set	-4498 Apr 05 j 14:02	1°♂09'25	
morning set	-4499 Apr 21 j 02:13	16°♂07'50		asc. node	-4498 Apr 10 j 06:43	11°♂13'43	
asc. node	-4499 Apr 23 j 09:47	21°♂02'53					
	-4499 Apr 27 j 13:09	0°♀		superior conj	-4498 Apr 12 j 14:09	16°♂16'22	0°23'50
superior conj	-4499 Apr 28 j 03:10	1°♀15'49	0°47'14	minimum elong	-4498 Apr 12 j 13:07	16°♂10'43	0°23'32
minimum elong	-4499 Apr 28 j 01:13	1°♀05'19	0°46'52	max. Earth dist.	-4498 Apr 13 j 04:10	17°♂32'51	1.32753 AU
max. Earth dist.	-4499 Apr 29 j 16:35	4°♀37'29	1.33250 AU		-4498 Apr 18 j 23:30	0°♀	
evening rise	-4499 May 05 j 11:29	16°♀44'27		evening rise	-4498 Apr 19 j 16:24	1°♀27'50	
	-4499 May 12 j 08:25	0°♂			-4498 May 05 j 08:43	0°♂	
	-4499 May 31 j 22:00	0°Π		evening max el	-4498 May 20 j 12:05	19°♂18'03	26°59'14
desc. node	-4499 Jun 05 j 05:35	4°Π54'38		desc. node	-4498 May 23 j 02:43	21°♂37'18	
evening max el	-4499 Jun 07 j 06:48	6°Π58'19	27°24'22	retrograde	-4498 Jun 03 j 11:52	26°♂39'31	
retrograde	-4499 Jun 21 j 01:51	14°Π22'52		evening set	-4498 Jun 10 j 07:18	24°♂34'39	
evening set	-4499 Jun 28 j 04:59	11°Π50'18		min. Earth dist.	-4498 Jun 14 j 01:36	21°♂50'19	0.60987 AU
min. Earth dist.	-4499 Jul 01 j 19:03	8°Π48'37	0.62910 AU	inferior conj	-4498 Jun 17 j 07:57	19°♂00'38	-4°14'50
inferior conj	-4499 Jul 04 j 14:53	6°Π01'19	-3°58'04	minimum elong	-4498 Jun 17 j 08:55	18°♂58'32	4°14'38
minimum elong	-4499 Jul 04 j 17:50	5°Π53'58	3°57'27	morning rise	-4498 Jun 24 j 12:15	14°♂11'22	
morning rise	-4499 Jul 11 j 07:46	0°Π51'09		direct	-4498 Jun 27 j 01:29	13°♂45'01	
direct	-4499 Jul 13 j 22:54	0°Π18'39		morning max el	-4498 Jul 04 j 02:39	17°♂13'23	18°04'36
asc. node	-4499 Jul 20 j 09:26	3°Π32'17		asc. node	-4498 Jul 07 j 06:27	20°♂50'14	
morning max el	-4499 Jul 20 j 13:41	3°Π42'39	17°56'45		-4498 Jul 13 j 05:07	0°Π	
morning set	-4499 Aug 06 j 04:04	29°Π31'53		morning set	-4498 Jul 20 j 03:33	12°Π31'57	
	-4499 Aug 06 j 10:26	0°♂			-4498 Jul 29 j 17:23	0°♂	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4498 Jul 30 j 07:26	1°☿02'16	1°42'25	morning max el	-4497 Jun 17 j 11:01	0°♄25'14	18°32'09
minimum elong	-4498 Jul 30 j 10:33	1°☿16'00	1°42'28	asc. node	-4497 Jun 24 j 03:26	9°♄00'05	
max. Earth dist.	-4498 Aug 06 j 20:00	13°♄58'16	1.41745 AU	morning set	-4497 Jul 03 j 16:18	26°♄12'13	
evening rise	-4498 Aug 12 j 18:46	23°♄42'07			-4497 Jul 05 j 15:33	0°♄	
	-4498 Aug 16 j 18:22	0°♄					
desc. node	-4498 Aug 19 j 01:44	3°♄34'24		superior conj	-4497 Jul 12 j 17:24	13°♄27'49	1°49'17
	-4498 Sep 06 j 09:33	0°♄		minimum elong	-4497 Jul 12 j 17:47	13°♄29'38	1°49'28
evening max el	-4498 Sep 14 j 18:01	9°♄55'31	22°21'11	max. Earth dist.	-4497 Jul 19 j 23:32	26°♄33'01	1.39849 AU
retrograde	-4498 Sep 24 j 06:21	15°♄34'23			-4497 Jul 21 j 23:25	0°♄	
evening set	-4498 Sep 28 j 19:30	13°♄44'07		evening rise	-4497 Jul 24 j 07:07	3°♄56'06	
asc. node	-4498 Oct 03 j 05:29	8°♄41'34		desc. node	-4497 Aug 05 j 22:45	24°♄01'48	
inferior conj	-4498 Oct 04 j 02:54	7°♄27'56	0°18'17		-4497 Aug 09 j 23:46	0°♄	
minimum elong	-4498 Oct 04 j 02:29	7°♄29'25	0°18'12	evening max el	-4497 Aug 28 j 07:01	23°♄21'09	23°41'54
min. Earth dist.	-4498 Oct 04 j 03:04	7°♄27'23	0.67384 AU	retrograde	-4497 Sep 07 j 22:30	29°♄38'29	
morning rise	-4498 Oct 09 j 09:19	1°♄13'39		evening set	-4497 Sep 13 j 02:00	27°♄28'19	
	-4498 Oct 11 j 06:08	30°♄♄		inferior conj	-4497 Sep 18 j 09:21	21°♄09'49	-0°35'06
direct	-4498 Oct 13 j 23:39	29°♄21'05		minimum elong	-4497 Sep 18 j 10:10	21°♄07'02	0°34'36
	-4498 Oct 16 j 21:38	0°♄		min. Earth dist.	-4497 Sep 17 j 23:14	21°♄44'21	0.67355 AU
morning max el	-4498 Oct 23 j 12:58	5°♄02'25	22°25'36	asc. node	-4497 Sep 20 j 02:37	18°♄51'43	
	-4498 Nov 11 j 13:16	0°♄		morning rise	-4497 Sep 23 j 18:17	14°♄59'51	
desc. node	-4498 Nov 15 j 01:41	5°♄14'59		direct	-4497 Sep 27 j 19:10	13°♄28'03	
morning set	-4498 Nov 25 j 21:42	22°♄12'18		morning max el	-4497 Oct 06 j 06:16	18°♄27'19	21°05'18
	-4498 Nov 30 j 15:03	0°♄			-4497 Oct 15 j 14:01	0°♄	
max. Earth dist.	-4498 Dec 01 j 09:52	1°♄19'12	1.40767 AU	desc. node	-4497 Nov 01 j 22:36	25°♄39'43	
					-4497 Nov 04 j 17:40	0°♄	
superior conj	-4498 Dec 09 j 03:59	14°♄49'15	-1°52'40	morning set	-4497 Nov 05 j 05:49	0°♄47'29	
minimum elong	-4498 Dec 09 j 02:34	14°♄42'51	1°52'47	max. Earth dist.	-4497 Nov 13 j 14:17	14°♄07'28	1.42611 AU
	-4498 Dec 17 j 09:56	0°♄					
evening rise	-4498 Dec 19 j 05:36	3°♄24'59		superior conj	-4497 Nov 20 j 13:11	25°♄41'46	-1°40'01
asc. node	-4498 Dec 30 j 04:16	22°♄43'54		minimum elong	-4497 Nov 20 j 08:10	25°♄20'30	1°39'44
evening max el	-4497 Jan 04 j 12:09	29°♄28'15	18°18'19		-4497 Nov 23 j 01:32	0°♄	
	-4497 Jan 05 j 01:37	0°♄		evening rise	-4497 Dec 02 j 03:07	16°♄00'09	
retrograde	-4497 Jan 11 j 16:55	3°♄03'29			-4497 Dec 10 j 01:29	0°♄	
evening set	-4497 Jan 14 j 06:40	2°♄37'05		asc. node	-4497 Dec 17 j 01:23	10°♄26'44	
	-4497 Jan 18 j 20:32	30°♄♄		evening max el	-4497 Dec 18 j 22:51	12°♄32'52	18°07'52
inferior conj	-4497 Jan 21 j 09:45	27°♄54'42	4°01'33	retrograde	-4497 Dec 25 j 15:29	16°♄01'23	
minimum elong	-4497 Jan 21 j 10:55	27°♄52'13	4°01'17	evening set	-4497 Dec 28 j 07:58	15°♄27'43	
min. Earth dist.	-4497 Jan 24 j 17:39	25°♄05'02	0.59721 AU	inferior conj	-4496 Jan 03 j 22:31	10°♄23'59	4°01'42
morning rise	-4497 Jan 28 j 13:23	22°♄22'52		minimum elong	-4496 Jan 03 j 21:11	10°♄27'16	4°01'25
direct	-4497 Feb 04 j 02:42	20°♄27'24		min. Earth dist.	-4496 Jan 06 j 21:24	7°♄31'07	0.61699 AU
desc. node	-4497 Feb 11 j 01:13	22°♄26'38		morning rise	-4496 Jan 10 j 09:16	4°♄36'46	
morning max el	-4497 Feb 18 j 07:34	28°♄03'16	27°05'00	direct	-4496 Jan 17 j 09:42	2°♄08'28	
	-4497 Feb 20 j 05:25	0°♄		desc. node	-4496 Jan 28 j 22:17	7°♄33'23	
	-4497 Mar 12 j 18:29	0°♄		morning max el	-4496 Jan 31 j 10:10	9°♄50'47	27°38'45
morning set	-4497 Mar 20 j 23:47	16°♄04'00			-4496 Feb 16 j 03:10	0°♄	
	-4497 Mar 27 j 11:41	0°♄			-4496 Mar 03 j 20:53	0°♄	
max. Earth dist.	-4497 Mar 27 j 17:48	0°♄33'27	1.32592 AU	morning set	-4496 Mar 04 j 05:27	0°♄43'41	
				max. Earth dist.	-4496 Mar 10 j 05:27	13°♄23'55	1.32767 AU
superior conj	-4497 Mar 28 j 01:54	1°♄17'48	-0°00'47				
minimum elong	-4497 Mar 28 j 01:56	1°♄18'00	0°00'54	superior conj	-4496 Mar 11 j 12:45	16°♄13'38	-0°25'45
behind sun begin	-4497 Mar 27 j 20:57	0°♄50'40		minimum elong	-4496 Mar 11 j 13:54	16°♄19'54	0°25'40
behind sun end	-4497 Mar 28 j 06:56	1°♄45'20		asc. node	-4496 Mar 14 j 00:41	21°♄39'53	
asc. node	-4497 Mar 28 j 03:42	1°♄27'37			-4496 Mar 17 j 21:33	0°♄	
evening rise	-4497 Apr 04 j 01:29	16°♄22'16		evening rise	-4496 Mar 18 j 12:41	1°♄19'56	
	-4497 Apr 10 j 22:00	0°♄			-4496 Apr 03 j 09:06	0°♄	
	-4497 May 01 j 12:39	0°♄		evening max el	-4496 Apr 13 j 04:36	11°♄55'24	24°41'05
evening max el	-4497 May 02 j 11:08	0°♄55'09	26°02'22	desc. node	-4496 Apr 25 j 21:00	18°♄55'45	
desc. node	-4497 May 09 j 23:51	6°♄29'51		retrograde	-4496 Apr 27 j 04:04	18°♄59'39	
retrograde	-4497 May 16 j 13:14	8°♄11'41		evening set	-4496 May 01 j 21:49	18°♄08'32	
evening set	-4497 May 22 j 12:58	6°♄43'51		min. Earth dist.	-4496 May 07 j 16:44	15°♄10'04	0.57075 AU
min. Earth dist.	-4497 May 26 j 23:43	4°♄00'15	0.58947 AU	inferior conj	-4496 May 10 j 13:04	13°♄18'34	-3°28'50
inferior conj	-4497 May 30 j 08:18	1°♄29'04	-4°08'24	minimum elong	-4496 May 10 j 07:49	13°♄27'12	3°27'45
minimum elong	-4497 May 30 j 06:04	1°♄33'18	4°08'07	morning rise	-4496 May 18 j 21:00	9°♄10'14	
	-4497 Jun 01 j 08:45	30°♄♄		direct	-4496 May 21 j 07:58	8°♄53'14	
morning rise	-4497 Jun 07 j 01:45	27°♄01'41		morning max el	-4496 May 30 j 11:59	13°♄09'18	19°19'58
direct	-4497 Jun 09 j 13:49	26°♄40'28		asc. node	-4496 Jun 10 j 00:27	27°♄49'59	
	-4497 Jun 17 j 00:02	0°♄			-4496 Jun 11 j 05:13	0°♄	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning set	-4496 Jun 16 j 14:37	10° C 23'36			-4495 Jun 03 j 06:28	0° C		
superior conj	-4496 Jun 24 j 20:44	26° C 47'31	1°46'04		superior conj	-4495 Jun 08 j 12:29	10° C 46'35	1°35'28
minimum elong	-4496 Jun 24 j 19:13	26° C 40'04	1°46'11		minimum elong	-4495 Jun 08 j 09:59	10° C 33'53	1°35'22
	-4496 Jun 26 j 12:31	0° II			max. Earth dist.	-4495 Jun 13 j 06:58	20° C 15'16	1.36172 AU
max. Earth dist.	-4496 Jul 01 j 00:57	8° II 30'01	1.37913 AU		evening rise	-4495 Jun 17 j 10:20	28° C 06'29	
evening rise	-4496 Jul 04 j 21:42	15° II 27'48				-4495 Jun 18 j 11:01	0° II	
	-4496 Jul 13 j 12:38	0° C				-4495 Jul 06 j 19:30	0° C	
desc. node	-4496 Jul 22 j 19:47	14° C 14'36			desc. node	-4495 Jul 09 j 16:51	4° C 05'30	
	-4496 Aug 03 j 13:42	0° Q			evening max el	-4495 Jul 23 j 04:34	20° C 20'38	26°09'01
evening max el	-4496 Aug 09 j 17:44	6° Q 49'55	25°00'30		retrograde	-4495 Aug 04 j 18:22	27° C 31'15	
retrograde	-4496 Aug 21 j 10:47	13° Q 39'23			evening set	-4495 Aug 11 j 03:09	24° C 49'02	
evening set	-4496 Aug 27 j 05:15	11° Q 10'57			min. Earth dist.	-4495 Aug 15 j 07:02	20° C 18'27	0.66348 AU
min. Earth dist.	-4496 Aug 31 j 17:23	6° Q 02'31	0.67017 AU		inferior conj	-4495 Aug 16 j 15:47	18° C 35'57	-2°17'43
inferior conj	-4496 Sep 01 j 14:16	4° Q 53'30	-1°27'39		minimum elong	-4495 Aug 16 j 18:48	18° C 26'30	2°16'27
minimum elong	-4496 Sep 01 j 16:17	4° Q 46'51	1°26'40		morning rise	-4495 Aug 22 j 10:37	12° C 43'55	
asc. node	-4496 Sep 05 j 23:44	29° C 45'41			asc. node	-4495 Aug 23 j 20:50	12° C 03'21	
	-4496 Sep 05 j 17:28	30° R C			direct	-4495 Aug 25 j 15:04	11° C 45'33	
morning rise	-4496 Sep 07 j 03:21	28° C 50'52			morning max el	-4495 Sep 01 j 13:45	15° C 41'07	19°01'02
direct	-4496 Sep 10 j 16:51	27° C 37'22				-4495 Sep 12 j 04:50	0° Q	
	-4496 Sep 16 j 02:20	0° Q			morning set	-4495 Sep 23 j 16:32	18° Q 00'37	
morning max el	-4496 Sep 18 j 06:42	2° Q 00'46	19°56'01			-4495 Oct 01 j 06:55	0° R	
	-4496 Oct 08 j 07:49	0° R			desc. node	-4495 Oct 05 j 16:29	6° R 55'37	
morning set	-4496 Oct 14 j 04:26	9° R 02'09			max. Earth dist.	-4495 Oct 08 j 17:41	11° R 44'07	1.44719 AU
desc. node	-4496 Oct 18 j 19:33	16° R 14'41						
max. Earth dist.	-4496 Oct 26 j 01:28	27° R 40'50	1.43986 AU		superior conj	-4495 Oct 10 j 01:09	13° R 48'19	-0°27'20
	-4496 Oct 27 j 12:18	0° Q			minimum elong	-4495 Oct 09 j 21:39	13° R 34'28	0°26'49
						-4495 Oct 20 j 05:17	0° Q	
superior conj	-4496 Oct 30 j 18:59	5° Q 16'59	-1°11'06		evening rise	-4495 Oct 25 j 11:03	8° Q 28'12	
minimum elong	-4496 Oct 30 j 12:11	4° Q 49'26	1°10'22			-4495 Nov 07 j 21:59	0° R	
evening rise	-4496 Nov 13 j 06:32	27° Q 44'33			evening max el	-4495 Nov 14 j 23:34	9° R 14'34	18°43'28
	-4496 Nov 14 j 14:17	0° R			asc. node	-4495 Nov 19 j 19:37	12° R 41'39	
evening max el	-4496 Dec 01 j 11:34	25° R 50'13	18°16'34		retrograde	-4495 Nov 21 j 17:12	13° R 01'34	
asc. node	-4496 Dec 02 j 22:31	27° R 11'04			evening set	-4495 Nov 24 j 18:35	12° R 08'43	
retrograde	-4496 Dec 08 j 00:52	29° R 23'09			inferior conj	-4495 Nov 30 j 15:20	6° R 27'59	3°09'21
evening set	-4496 Dec 10 j 21:01	28° R 40'50			minimum elong	-4495 Nov 30 j 12:07	6° R 37'40	3°08'23
inferior conj	-4496 Dec 17 j 01:36	23° R 17'25	3°42'08		min. Earth dist.	-4495 Dec 02 j 09:49	4° R 20'19	0.64946 AU
minimum elong	-4496 Dec 16 j 22:49	23° R 25'03	3°41'30		morning rise	-4495 Dec 06 j 05:17	0° R 21'50	
min. Earth dist.	-4496 Dec 19 j 10:44	20° R 40'52	0.63485 AU			-4495 Dec 06 j 15:50	30° R Q	
morning rise	-4496 Dec 22 j 23:57	17° R 19'17			direct	-4495 Dec 12 j 22:37	27° Q 31'02	
direct	-4496 Dec 30 j 00:50	14° R 32'03				-4495 Dec 19 j 23:39	0° R	
morning max el	-4495 Jan 12 j 17:29	22° R 15'29	27°36'18		morning max el	-4495 Dec 26 j 02:55	5° R 07'27	27°00'53
desc. node	-4495 Jan 14 j 19:21	24° R 24'09			desc. node	-4494 Jan 01 j 16:24	12° R 28'59	
	-4495 Jan 19 j 14:38	0° X				-4494 Jan 14 j 05:02	0° X	
	-4495 Feb 08 j 06:15	0° Z			morning set	-4494 Jan 30 j 18:04	28° X 42'48	
morning set	-4495 Feb 16 j 04:36	15° Z 00'00				-4494 Jan 31 j 10:01	0° Z	
max. Earth dist.	-4495 Feb 21 j 11:15	25° Z 50'55	1.33320 AU		max. Earth dist.	-4494 Feb 04 j 07:38	7° Z 45'11	1.34297 AU
	-4495 Feb 23 j 10:10	0° \approx						
					superior conj	-4494 Feb 08 j 00:36	15° Z 24'03	-1°12'51
superior conj	-4495 Feb 23 j 20:59	0° \approx 57'55	-0°50'08		minimum elong	-4494 Feb 08 j 03:29	15° Z 39'04	1°12'37
minimum elong	-4495 Feb 23 j 23:08	1° \approx 09'27	0°49'56			-4494 Feb 14 j 22:55	0° \approx	
asc. node	-4495 Feb 28 j 21:42	11° \approx 46'31			evening rise	-4494 Feb 15 j 10:23	0° \approx 59'47	
evening rise	-4495 Mar 03 j 00:14	16° \approx 14'25			asc. node	-4494 Feb 15 j 18:44	1° \approx 43'03	
	-4495 Mar 09 j 22:15	0° X				-4494 Mar 04 j 10:21	0° X	
evening max el	-4495 Mar 25 j 20:54	22° X 39'23	23°07'49		evening max el	-4494 Mar 07 j 18:04	3° X 33'41	21°36'16
retrograde	-4495 Apr 08 j 06:08	29° X 14'53			retrograde	-4494 Mar 19 j 21:26	9° X 23'38	
evening set	-4495 Apr 11 j 16:49	28° X 48'55			evening set	-4494 Mar 22 j 12:02	9° X 08'19	
desc. node	-4495 Apr 12 j 18:10	28° X 31'06			desc. node	-4494 Mar 30 j 15:19	5° X 46'16	
min. Earth dist.	-4495 Apr 19 j 07:38	25° X 24'10	0.55725 AU		inferior conj	-4494 Mar 31 j 19:32	5° X 06'45	-0°19'29
inferior conj	-4495 Apr 20 j 22:33	24° X 27'13	-2°09'41		minimum elong	-4494 Mar 31 j 18:37	5° X 08'02	0°19'15
minimum elong	-4495 Apr 20 j 17:21	24° X 34'50	2°08'10		min. Earth dist.	-4494 Mar 31 j 21:48	5° X 03'33	0.55188 AU
morning rise	-4495 Apr 29 j 20:17	20° X 29'02			morning rise	-4494 Apr 10 j 01:31	1° X 03'57	
direct	-4495 May 02 j 08:02	20° X 14'02			direct	-4494 Apr 12 j 21:26	0° X 46'15	
morning max el	-4495 May 13 j 03:01	25° X 15'57	20°27'50		morning max el	-4494 Apr 25 j 07:04	6° X 40'57	21°53'30
	-4495 May 17 j 09:41	0° Y				-4494 May 11 j 07:10	0° Y	
asc. node	-4495 May 27 j 21:27	17° Y 09'49			asc. node	-4494 May 14 j 18:27	6° Y 52'01	
morning set	-4495 May 31 j 19:34	24° Y 57'56			morning set	-4494 May 16 j 04:51	9° Y 48'47	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4494 May 23 j 12:56	25° Υ 14'11	1°19'32	superior conj	-4493 May 07 j 19:10	10° Υ 00'31	0°59'50
minimum elong	-4494 May 23 j 10:14	25° Υ 00'02	1°19'16	minimum elong	-4493 May 07 j 16:50	9° Υ 48'00	0°59'27
	-4494 May 25 j 20:00	0° B		max. Earth dist.	-4493 May 09 j 23:38	14° Υ 39'46	1.33698 AU
max. Earth dist.	-4494 May 26 j 22:26	2° B 15'21	1.34756 AU	evening rise	-4493 May 15 j 08:49	25° Υ 44'44	
evening rise	-4494 May 31 j 15:38	11° B 37'08			-4493 May 17 j 12:43	0° B	
	-4494 Jun 10 j 20:14	0° II			-4493 Jun 04 j 06:17	0° II	
desc. node	-4494 Jun 26 j 13:54	23° II 25'04		desc. node	-4493 Jun 13 j 10:59	12° II 00'03	
	-4494 Jul 02 j 01:04	0° E		evening max el	-4493 Jun 18 j 02:44	16° II 56'22	27°23'47
evening max el	-4494 Jul 05 j 16:00	3° E 46'42	26°59'09	retrograde	-4493 Jul 01 j 17:20	24° II 20'57	
retrograde	-4494 Jul 18 j 20:38	11° E 07'47		evening set	-4493 Jul 08 j 20:31	21° II 38'26	
evening set	-4494 Jul 25 j 17:15	8° E 19'42		min. Earth dist.	-4493 Jul 12 j 11:38	18° II 21'03	0.63895 AU
min. Earth dist.	-4494 Jul 29 j 13:47	4° E 27'28	0.65316 AU	inferior conj	-4493 Jul 14 j 23:50	15° II 42'45	-3°41'11
inferior conj	-4494 Jul 31 j 11:48	2° E 14'00	-3°03'10	minimum elong	-4493 Jul 15 j 03:20	15° II 33'30	3°40'16
minimum elong	-4494 Jul 31 j 15:26	2° E 03'29	3°01'56	morning rise	-4493 Jul 21 j 10:55	10° II 21'50	
	-4494 Aug 02 j 11:25	30° R II		direct	-4493 Jul 24 j 03:57	9° II 44'56	
morning rise	-4494 Aug 06 j 13:59	26° II 35'53		asc. node	-4493 Jul 28 j 15:01	11° II 24'10	
direct	-4494 Aug 09 j 11:40	25° II 49'36		morning max el	-4493 Jul 30 j 16:18	13° II 10'33	18°00'53
asc. node	-4494 Aug 10 j 17:57	25° II 58'17			-4493 Aug 11 j 06:36	0° E	
morning max el	-4494 Aug 16 j 01:44	29° II 25'46	18°22'15	morning set	-4493 Aug 16 j 23:17	9° E 46'12	
	-4494 Aug 16 j 14:52	0° E			-4493 Aug 28 j 23:06	0° Q	
morning set	-4494 Sep 04 j 06:47	28° E 15'52					
	-4494 Sep 05 j 08:10	0° Q		superior conj	-4493 Aug 29 j 17:20	1° Q 14'47	1°04'26
				minimum elong	-4493 Aug 29 j 23:12	1° Q 38'46	1°03'59
superior conj	-4494 Sep 19 j 01:07	22° Q 06'10	0°22'05	max. Earth dist.	-4493 Sep 04 j 04:39	10° Q 05'37	1.44021 AU
minimum elong	-4494 Sep 19 j 03:54	22° Q 17'12	0°21'51	desc. node	-4493 Sep 09 j 10:17	18° Q 22'59	
max. Earth dist.	-4494 Sep 21 j 11:57	25° Q 58'59	1.44728 AU	evening rise	-4493 Sep 14 j 22:16	26° Q 56'50	
desc. node	-4494 Sep 22 j 13:22	27° Q 39'17			-4493 Sep 16 j 21:48	0° P	
	-4494 Sep 24 j 01:06	0° P			-4493 Oct 07 j 08:01	0° Q	
evening rise	-4494 Oct 05 j 14:26	18° P 07'15		evening max el	-4493 Oct 12 j 11:54	6° Q 07'18	20°25'47
	-4494 Oct 13 j 04:55	0° Q		retrograde	-4493 Oct 20 j 10:29	10° Q 47'54	
greatest brilliancy	-4494 Oct 16 j 09:18	4° Q 55'07	-0.7m	evening set	-4493 Oct 24 j 04:25	9° Q 26'43	
evening max el	-4494 Oct 29 j 08:20	22° Q 41'03	19°27'09	asc. node	-4493 Oct 24 j 13:54	9° Q 08'38	
retrograde	-4494 Nov 05 j 13:14	26° Q 50'55		inferior conj	-4493 Oct 29 j 15:04	3° Q 20'36	1°39'59
asc. node	-4494 Nov 06 j 16:46	26° Q 43'19		minimum elong	-4493 Oct 29 j 12:55	3° Q 27'54	1°39'09
evening set	-4494 Nov 08 j 21:49	25° Q 45'09		min. Earth dist.	-4493 Oct 30 j 07:56	2° Q 23'46	0.66810 AU
inferior conj	-4494 Nov 14 j 12:39	19° Q 50'04	2°27'37		-4493 Nov 01 j 04:10	30° R P	
minimum elong	-4494 Nov 14 j 09:43	19° Q 59'31	2°26'34	morning rise	-4493 Nov 03 j 21:13	27° P 05'25	
min. Earth dist.	-4494 Nov 15 j 17:32	18° Q 17'05	0.66050 AU	direct	-4493 Nov 09 j 11:03	24° P 40'00	
morning rise	-4494 Nov 19 j 21:24	13° Q 38'11			-4493 Nov 19 j 08:50	0° Q	
direct	-4494 Nov 26 j 02:07	10° Q 56'08		morning max el	-4493 Nov 20 j 21:12	1° Q 28'07	24°40'45
morning max el	-4494 Dec 08 j 12:20	18° Q 14'32	25°59'22	desc. node	-4493 Dec 06 j 10:20	20° Q 58'18	
	-4494 Dec 18 j 11:48	0° M			-4493 Dec 12 j 13:03	0° M	
desc. node	-4494 Dec 19 j 13:23	1° M 25'22		morning set	-4493 Dec 26 j 21:35	23° M 31'07	
	-4493 Jan 07 j 04:41	0° P		max. Earth dist.	-4493 Dec 30 j 15:43	0° P 14'59	1.37541 AU
morning set	-4493 Jan 13 j 17:32	11° P 38'09			-4493 Dec 30 j 12:26	0° P	
max. Earth dist.	-4493 Jan 17 j 16:32	19° P 06'55	1.35723 AU				
				superior conj	-4492 Jan 06 j 07:03	12° P 46'10	-1°46'56
superior conj	-4493 Jan 22 j 21:01	29° P 23'08	-1°32'27	minimum elong	-4492 Jan 06 j 09:23	12° P 57'28	1°47'00
minimum elong	-4493 Jan 23 j 00:04	29° P 38'33	1°32'19	evening rise	-4492 Jan 14 j 18:33	29° P 35'08	
	-4493 Jan 23 j 04:18	0° B			-4492 Jan 14 j 23:33	0° B	
evening rise	-4493 Jan 30 j 17:13	15° B 28'44		asc. node	-4492 Jan 20 j 12:47	10° B 42'27	
asc. node	-4493 Feb 02 j 15:45	21° B 23'41		evening max el	-4492 Jan 31 j 17:09	26° B 54'41	19°15'06
	-4493 Feb 07 j 05:32	0° \approx			-4492 Feb 04 j 22:50	0° \approx	
evening max el	-4493 Feb 18 j 00:22	14° \approx 56'18	20°16'46	retrograde	-4492 Feb 09 j 15:01	1° \approx 09'30	
retrograde	-4493 Feb 28 j 12:19	19° \approx 55'06		evening set	-4492 Feb 12 j 00:07	0° \approx 52'40	
evening set	-4493 Mar 02 j 20:22	19° \approx 41'22			-4492 Feb 14 j 13:52	30° R B	
inferior conj	-4493 Mar 11 j 17:02	15° \approx 42'21	1°33'48	inferior conj	-4492 Feb 20 j 04:13	26° B 42'06	3°00'26
minimum elong	-4493 Mar 11 j 20:54	15° \approx 36'36	1°32'24	minimum elong	-4492 Feb 20 j 09:12	26° B 33'40	2°59'04
min. Earth dist.	-4493 Mar 13 j 11:46	14° \approx 38'55	0.55579 AU	min. Earth dist.	-4492 Feb 23 j 02:40	24° B 43'47	0.56800 AU
desc. node	-4493 Mar 17 j 12:28	12° \approx 30'03		morning rise	-4492 Feb 28 j 15:40	21° B 47'28	
morning rise	-4493 Mar 20 j 19:44	11° \approx 17'54		desc. node	-4492 Mar 03 j 09:36	20° B 55'04	
direct	-4493 Mar 24 j 11:51	10° \approx 48'26		direct	-4492 Mar 04 j 13:13	20° B 51'57	
morning max el	-4493 Apr 07 j 01:59	17° \approx 30'21	23°30'50	morning max el	-4492 Mar 18 j 17:01	28° B 06'10	25°08'00
	-4493 Apr 17 j 03:58	0° H			-4492 Mar 20 j 14:04	0° \approx	
morning set	-4493 Apr 30 j 16:30	24° H 48'49			-4492 Apr 09 j 07:54	0° H	
asc. node	-4493 May 01 j 15:25	26° H 49'21		morning set	-4492 Apr 14 j 04:44	9° H 51'49	
	-4493 May 03 j 03:18	0° Υ		asc. node	-4492 Apr 17 j 12:22	16° H 56'44	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4492 Apr 21 j 04:59	24° X 58'05	0°37'30	superior conj	-4491 Apr 05 j 16:33	10° X 00'31	0°13'31
minimum elong	-4492 Apr 21 j 03:24	24° X 49'28	0°37'09	minimum elong	-4491 Apr 05 j 15:57	9° X 57'17	0°13'17
max. Earth dist.	-4492 Apr 22 j 08:16	27° X 26'04	1.32998 AU	behind sun begin	-4491 Apr 05 j 13:15	9° X 42'29	
	-4492 Apr 23 j 12:47	0° Y		behind sun end	-4491 Apr 05 j 18:39	10° X 12'05	
evening rise	-4492 Apr 28 j 10:16	10° Y 17'55		max. Earth dist.	-4491 Apr 05 j 21:01	10° X 24'57	1.32640 AU
	-4492 May 08 j 20:07	0° Z		evening rise	-4491 Apr 12 j 17:15	25° X 07'31	
desc. node	-4492 May 30 j 08:07	29° Z 31'12			-4491 Apr 15 j 02:21	0° Y	
evening max el	-4492 May 30 j 10:29	29° Z 36'54	27°17'35		-4491 May 02 j 16:15	0° Z	
	-4492 May 30 j 20:14	0° II		evening max el	-4491 May 12 j 13:15	11° Z 39'29	26°38'39
retrograde	-4492 Jun 13 j 07:50	7° II 01'02		desc. node	-4491 May 17 j 05:16	15° Z 32'09	
evening set	-4492 Jun 20 j 09:10	4° II 38'17		retrograde	-4491 May 26 j 14:51	18° Z 59'58	
min. Earth dist.	-4492 Jun 23 j 23:41	1° II 46'08	0.62118 AU	evening set	-4491 Jun 02 j 03:09	17° Z 10'16	
	-4492 Jun 25 j 21:24	30° R Z		min. Earth dist.	-4491 Jun 06 j 02:39	14° Z 28'05	0.60114 AU
inferior conj	-4492 Jun 27 j 00:48	28° Z 55'12	-4°07'29	inferior conj	-4491 Jun 09 j 11:17	11° Z 43'25	-4°15'34
minimum elong	-4492 Jun 27 j 03:05	28° Z 49'49	4°07'04	minimum elong	-4491 Jun 09 j 11:00	11° Z 44'00	4°15'25
morning rise	-4492 Jul 03 j 22:23	23° Z 54'03		morning rise	-4491 Jun 16 j 20:59	7° Z 03'30	
direct	-4492 Jul 06 j 12:30	23° Z 24'27		direct	-4491 Jun 19 j 09:31	6° Z 39'35	
morning max el	-4492 Jul 13 j 06:43	26° Z 48'55	17°57'47	morning max el	-4491 Jun 26 j 18:11	10° Z 13'42	18°13'50
asc. node	-4492 Jul 14 j 12:03	28° Z 05'56		asc. node	-4491 Jul 01 j 09:04	15° Z 48'17	
	-4492 Jul 16 j 01:53	0° II			-4491 Jul 09 j 18:47	0° II	
morning set	-4492 Jul 29 j 13:00	22° II 17'24		morning set	-4491 Jul 12 j 18:44	5° II 36'34	
	-4492 Aug 02 j 19:56	0° S					
superior conj	-4492 Aug 09 j 12:41	11° S 44'15	1°32'45	superior conj	-4491 Jul 22 j 10:09	23° II 32'07	1°46'44
minimum elong	-4492 Aug 09 j 17:22	12° S 04'17	1°32'36	minimum elong	-4491 Jul 22 j 12:03	23° II 40'42	1°46'53
max. Earth dist.	-4492 Aug 16 j 16:30	23° S 44'17	1.42704 AU		-4491 Jul 26 j 01:13	0° S	
	-4492 Aug 20 j 13:19	0° Q		max. Earth dist.	-4491 Jul 29 j 22:36	6° S 43'22	1.40960 AU
evening rise	-4492 Aug 24 j 03:19	5° Q 40'46		evening rise	-4491 Aug 04 j 01:15	15° S 13'57	
desc. node	-4492 Aug 26 j 07:13	9° Q 03'20		desc. node	-4491 Aug 13 j 04:13	29° S 37'06	
	-4492 Sep 09 j 06:27	0° P			-4491 Aug 13 j 10:14	0° Q	
evening max el	-4492 Sep 24 j 09:11	19° P 32'05	21°36'37	evening max el	-4491 Sep 04 j 06:40	0° P	
retrograde	-4492 Oct 03 j 06:53	24° P 49'18		retrograde	-4491 Sep 07 j 00:50	2° P 57'38	22°55'20
evening set	-4492 Oct 07 j 12:21	23° P 10'19		evening set	-4491 Sep 17 j 00:53	8° P 53'23	
asc. node	-4492 Oct 10 j 11:03	20° P 07'48		evening set	-4491 Sep 21 j 19:53	6° P 54'54	
inferior conj	-4492 Oct 12 j 20:29	16° P 56'45	0°48'42	inferior conj	-4491 Sep 27 j 03:05	0° P 37'22	-0°04'22
minimum elong	-4492 Oct 12 j 19:22	17° P 00'35	0°48'19	minimum elong	-4491 Sep 27 j 03:10	0° P 37'02	0°04'11
min. Earth dist.	-4492 Oct 13 j 02:35	16° P 35'44	0.67257 AU	transit middle	-4491 Sep 27 j 03:10	0° P 37'02	0°04'11
morning rise	-4492 Oct 18 j 02:14	10° P 41'04		transit begin	-4491 Sep 27 j 00:34	0° P 46'02	
direct	-4492 Oct 23 j 00:52	8° P 36'06		transit end	-4491 Sep 27 j 05:47	0° P 28'02	
morning max el	-4492 Nov 02 j 06:50	14° P 43'36	23°14'42	min. Earth dist.	-4491 Sep 26 j 22:58	0° P 51'31	0.67409 AU
	-4492 Nov 14 j 16:14	0° A		asc. node	-4491 Sep 27 j 08:11	0° P 19'45	
desc. node	-4492 Nov 22 j 07:15	10° A 56'44			-4491 Sep 27 j 13:56	30° R Q	
	-4492 Dec 04 j 12:33	0° M		morning rise	-4491 Oct 02 j 10:20	24° Q 24'17	
morning set	-4492 Dec 07 j 00:03	4° M 05'39		direct	-4491 Oct 06 j 18:46	22° Q 40'34	
max. Earth dist.	-4492 Dec 11 j 11:18	11° M 41'35	1.39586 AU	morning max el	-4491 Oct 15 j 20:23	28° Q 03'39	21°50'13
					-4491 Oct 17 j 15:52	0° P	
superior conj	-4492 Dec 19 j 02:23	25° M 21'20	-1°53'39		-4491 Nov 08 j 08:50	0° A	
minimum elong	-4492 Dec 19 j 02:44	25° M 22'54	1°53'50	desc. node	-4491 Nov 09 j 04:10	1° A 13'35	
	-4492 Dec 21 j 14:08	0° J		morning set	-4491 Nov 16 j 21:54	13° A 17'35	
evening rise	-4492 Dec 28 j 11:44	13° J 11'37		max. Earth dist.	-4491 Nov 23 j 11:12	23° A 57'17	1.41594 AU
asc. node	-4491 Jan 06 j 09:52	29° J 31'44			-4491 Nov 27 j 01:28	0° M	
	-4491 Jan 06 j 16:46	0° Z					
evening max el	-4491 Jan 13 j 19:02	9° Z 25'15	18°33'20	superior conj	-4491 Dec 01 j 01:44	6° M 55'36	-1°49'09
retrograde	-4491 Jan 21 j 11:38	13° Z 10'20		minimum elong	-4491 Nov 30 j 22:47	6° M 42'42	1°49'09
evening set	-4491 Jan 23 j 23:42	12° Z 47'52		evening rise	-4491 Dec 11 j 17:32	26° M 11'18	
inferior conj	-4491 Jan 31 j 11:18	8° Z 18'18	3°49'11		-4491 Dec 13 j 19:14	0° J	
minimum elong	-4491 Jan 31 j 14:09	8° Z 12'41	3°48'38	asc. node	-4491 Dec 24 j 06:58	17° J 42'10	
min. Earth dist.	-4491 Feb 03 j 20:16	5° Z 40'37	0.58577 AU	evening max el	-4491 Dec 28 j 03:25	22° J 20'06	18°11'34
morning rise	-4491 Feb 08 j 02:19	2° Z 57'52		retrograde	-4490 Jan 04 j 01:41	25° J 50'34	
direct	-4491 Feb 14 j 03:57	1° Z 24'27		evening set	-4490 Jan 06 j 16:39	25° J 21'08	
desc. node	-4491 Feb 18 j 06:43	2° Z 06'19		inferior conj	-4490 Jan 13 j 14:05	20° J 29'47	4°04'31
morning max el	-4491 Feb 28 j 10:02	8° Z 55'42	26°30'02	minimum elong	-4490 Jan 13 j 14:04	20° J 29'48	4°04'19
	-4491 Mar 16 j 09:26	0° X		min. Earth dist.	-4490 Jan 16 j 19:13	17° J 35'54	0.60574 AU
morning set	-4491 Mar 29 j 15:56	24° X 51'43		morning rise	-4490 Jan 20 j 10:01	14° J 51'02	
	-4491 Apr 01 j 02:05	0° X		direct	-4490 Jan 27 j 05:44	12° J 39'57	
asc. node	-4491 Apr 04 j 09:20	7° X 09'51		desc. node	-4490 Feb 05 j 03:49	15° J 56'51	
				morning max el	-4490 Feb 10 j 08:44	20° J 18'56	27°23'47
					-4490 Feb 18 j 17:36	0° Z	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4490 Mar 09 j 03:53	0°♊				-4489 Jan 20 j 23:16	0°♊	
morning set	-4490 Mar 14 j 00:11	9°♊40'52		desc. node		-4489 Jan 23 j 00:52	1°♊52'22	
max. Earth dist.	-4490 Mar 20 j 10:13	23°♊22'53	1.32620 AU	morning max el		-4489 Jan 23 j 13:34	2°♊23'09	27°42'11
						-4489 Feb 13 j 00:28	0°♋	
superior conj	-4490 Mar 21 j 04:07	25°♊00'35	-0°11'22	morning set		-4489 Feb 26 j 03:24	24°♋11'48	
minimum elong	-4490 Mar 21 j 04:38	25°♊03'23	0°11'24			-4489 Feb 28 j 23:00	0°♋	
behind sun begin	-4490 Mar 21 j 01:07	24°♊44'14		max. Earth dist.		-4489 Mar 03 j 20:01	6°♋05'54	1.32957 AU
behind sun end	-4490 Mar 21 j 08:08	25°♊22'33						
asc. node	-4490 Mar 22 j 06:19	27°♊23'47		superior conj		-4489 Mar 05 j 14:04	9°♋52'25	-0°36'13
	-4490 Mar 23 j 10:55	0°♌		minimum elong		-4489 Mar 05 j 15:40	10°♋01'03	0°36'03
evening rise	-4490 Mar 28 j 03:27	10°♌04'36		asc. node		-4489 Mar 09 j 03:20	17°♋34'31	
	-4490 Apr 07 j 11:32	0°♍		evening rise		-4489 Mar 12 j 15:02	25°♋02'06	
evening max el	-4490 Apr 24 j 09:55	23°♍00'45	25°30'16			-4489 Mar 15 j 00:31	0°♌	
desc. node	-4490 May 04 j 02:27	29°♍27'21				-4489 Apr 02 j 11:09	0°♍	
	-4490 May 06 j 04:12	0°♎		evening max el		-4489 Apr 06 j 02:14	3°♍51'05	24°02'02
retrograde	-4490 May 08 j 11:55	0°♎12'49		retrograde		-4489 Apr 19 j 20:55	10°♍44'50	
	-4490 May 10 j 19:26	30°♎♌		desc. node		-4489 Apr 20 j 23:36	10°♍42'01	
evening set	-4490 May 13 j 23:39	29°♍01'42		evening set		-4489 Apr 24 j 01:11	10°♍06'05	
min. Earth dist.	-4490 May 18 j 22:24	26°♍13'17	0.58113 AU	min. Earth dist.		-4489 Apr 30 j 13:55	6°♍58'05	0.56425 AU
inferior conj	-4490 May 22 j 03:38	23°♍56'55	-3°56'16	inferior conj		-4489 May 02 j 23:49	5°♍28'36	-3°00'07
minimum elong	-4490 May 21 j 23:57	24°♍03'29	3°55'43	minimum elong		-4489 May 02 j 18:03	5°♍37'34	2°58'41
morning rise	-4490 May 30 j 03:05	19°♍37'49		morning rise		-4489 May 11 j 13:55	1°♍26'08	
direct	-4490 Jun 01 j 14:39	19°♍18'29		direct		-4489 May 14 j 01:02	1°♍10'12	
morning max el	-4490 Jun 09 j 23:41	23°♍14'58	18°49'53	morning max el		-4489 May 23 j 20:34	5°♍43'41	19°46'24
	-4490 Jun 15 j 12:50	0°♎		asc. node		-4489 Jun 05 j 03:05	23°♍20'30	
asc. node	-4490 Jun 18 j 06:05	4°♎16'45				-4489 Jun 08 j 14:30	0°♎	
morning set	-4490 Jun 26 j 12:00	19°♎31'33		morning set		-4489 Jun 10 j 13:26	3°♎53'51	
	-4490 Jul 01 j 20:33	0°♏						
superior conj	-4490 Jul 05 j 04:10	6°♏22'34	1°48'58	superior conj		-4489 Jun 18 j 13:18	20°♎00'36	1°42'20
minimum elong	-4490 Jul 05 j 03:38	6°♏20'00	1°49'09	minimum elong		-4489 Jun 18 j 11:15	19°♎50'26	1°42'22
max. Earth dist.	-4490 Jul 12 j 00:50	19°♏01'12	1.39024 AU	max. Earth dist.		-4489 Jun 23 j 16:55	0°♏	
evening rise	-4490 Jul 16 j 01:04	26°♏01'55		evening rise		-4489 Jun 24 j 03:50	0°♏51'28	1.37146 AU
	-4490 Jul 18 j 09:15	0°♐				-4489 Jun 28 j 01:39	8°♏03'37	
desc. node	-4490 Jul 31 j 01:16	19°♐59'13		desc. node		-4489 Jul 11 j 04:10	0°♐	
	-4490 Aug 07 j 01:09	0°♑		evening max el		-4489 Jul 17 j 22:19	10°♐03'46	
evening max el	-4490 Aug 20 j 12:46	16°♑25'26	24°16'05			-4489 Aug 02 j 23:19	29°♐55'24	25°31'19
retrograde	-4490 Aug 31 j 15:22	22°♑56'46		retrograde		-4489 Aug 03 j 01:12	0°♑	
evening set	-4490 Sep 06 j 01:14	20°♑38'40		evening set		-4489 Aug 15 j 01:34	6°♑54'44	
inferior conj	-4490 Sep 11 j 09:07	14°♑20'28	-0°57'33			-4489 Aug 21 j 02:28	4°♑19'30	
minimum elong	-4490 Sep 11 j 10:27	14°♑15'58	0°56'51	min. Earth dist.		-4489 Aug 25 j 00:44	30°♑♐	
min. Earth dist.	-4490 Sep 10 j 18:35	15°♑09'30	0.67257 AU	inferior conj		-4489 Aug 25 j 10:59	29°♐27'14	0.66782 AU
asc. node	-4490 Sep 14 j 05:18	10°♑42'16		minimum elong		-4489 Aug 26 j 12:48	28°♐03'43	-1°49'19
morning rise	-4490 Sep 16 j 19:37	8°♑13'15		morning rise		-4489 Aug 26 j 15:16	27°♐55'43	1°48'11
direct	-4490 Sep 20 j 15:29	6°♑49'23		asc. node		-4489 Sep 01 j 04:10	22°♐05'28	
morning max el	-4490 Sep 28 j 16:36	11°♑32'00	20°34'11	direct		-4489 Sep 01 j 02:25	22°♐08'21	
	-4490 Oct 12 j 17:10	0°♒		morning max el		-4489 Sep 04 j 13:34	20°♐58'49	
morning set	-4490 Oct 26 j 23:12	21°♒36'04				-4489 Sep 11 j 20:03	25°♐08'54	19°30'45
desc. node	-4490 Oct 27 j 01:06	21°♒43'27		morning set		-4489 Sep 15 j 23:08	0°♒	
	-4490 Nov 01 j 07:48	0°♓				-4489 Oct 06 j 01:06	0°♒03'02	
max. Earth dist.	-4490 Nov 05 j 19:04	7°♓08'23	1.43270 AU	desc. node		-4489 Oct 06 j 00:19	0°♓	
				max. Earth dist.		-4489 Oct 13 j 22:01	12°♓21'22	
superior conj	-4490 Nov 11 j 23:34	17°♓16'12	-1°29'49			-4489 Oct 19 j 09:15	20°♓58'42	1.44384 AU
minimum elong	-4490 Nov 11 j 17:21	16°♓50'21	1°29'19	superior conj		-4489 Oct 22 j 18:00	26°♓19'59	-0°53'58
	-4490 Nov 19 j 11:45	0°♔		minimum elong		-4489 Oct 22 j 11:54	25°♓55'38	0°53'13
evening rise	-4490 Nov 24 j 07:56	8°♔26'27				-4489 Oct 25 j 00:52	0°♔	
	-4490 Dec 07 j 04:42	0°♕		evening rise		-4489 Nov 06 j 02:09	19°♔46'26	
asc. node	-4490 Dec 11 j 04:05	5°♕02'16				-4489 Nov 12 j 05:11	0°♔	
evening max el	-4490 Dec 11 j 15:23	5°♕31'30	18°09'18	evening max el		-4489 Nov 25 j 04:02	18°♔52'00	18°25'48
retrograde	-4490 Dec 18 j 05:25	9°♕00'24		asc. node		-4489 Nov 28 j 01:13	21°♔17'08	
evening set	-4490 Dec 20 j 23:26	8°♕23'05		retrograde		-4489 Dec 01 j 18:20	22°♔30'05	
inferior conj	-4490 Dec 27 j 09:25	3°♕10'31	3°55'23	evening set		-4489 Dec 04 j 16:28	21°♔43'31	
minimum elong	-4490 Dec 27 j 07:19	3°♕15'54	3°54'58	inferior conj		-4489 Dec 10 j 17:26	16°♔12'04	3°29'33
min. Earth dist.	-4490 Dec 30 j 02:39	0°♕22'56	0.62492 AU	minimum elong		-4489 Dec 10 j 14:21	16°♔20'53	3°28'45
	-4490 Dec 30 j 11:58	30°♕♌		min. Earth dist.		-4489 Dec 12 j 20:10	13°♕46'56	0.64146 AU
morning rise	-4489 Jan 02 j 14:23	27°♕18'28		morning rise		-4489 Dec 16 j 11:45	10°♕10'04	
direct	-4489 Jan 09 j 16:14	24°♕40'31		direct		-4489 Dec 23 j 10:01	7°♕19'54	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning max el	-4488 Jan 05 j 22:18	15° \mathbb{M} 01'29	27°25'01	direct	-4488 Dec 05 j 10:25	20° $\underline{\mathbf{A}}$ 30'48	
desc. node	-4488 Jan 09 j 21:55	19° \mathbb{M} 17'42		morning max el	-4488 Dec 18 j 08:05	28° $\underline{\mathbf{A}}$ 01'56	26°37'18
	-4488 Jan 18 j 06:16	0° \mathbf{x}			-4488 Dec 20 j 05:38	0° \mathbb{M}	
	-4488 Feb 05 j 15:25	0° \mathbf{Z}		desc. node	-4488 Dec 26 j 18:55	7° \mathbb{M} 46'43	
morning set	-4488 Feb 09 j 22:50	8° \mathbf{Z} 14'56			-4487 Jan 10 j 23:28	0° \mathbf{x}	
max. Earth dist.	-4488 Feb 14 j 22:22	18° \mathbf{Z} 20'19	1.33684 AU	morning set	-4487 Jan 23 j 06:55	21° \mathbf{x} 39'14	
				max. Earth dist.	-4487 Jan 27 j 13:49	29° \mathbf{x} 58'56	1.34848 AU
					-4487 Jan 27 j 14:01	0° \mathbf{Z}	
superior conj	-4488 Feb 17 j 20:33	24° \mathbf{Z} 29'10	-1°00'04				
minimum elong	-4488 Feb 17 j 23:03	24° \mathbf{Z} 42'29	0°59'49				
	-4488 Feb 20 j 10:34	0° \approx		superior conj	-4487 Jan 31 j 21:24	8° \mathbf{Z} 44'25	-1°21'40
asc. node	-4488 Feb 24 j 00:21	7° \approx 37'13		minimum elong	-4487 Feb 01 j 00:26	9° \mathbf{Z} 00'04	1°21'28
evening rise	-4488 Feb 25 j 02:11	9° \approx 53'04		evening rise	-4487 Feb 08 j 11:07	24° \mathbf{Z} 31'40	
	-4488 Mar 06 j 16:12	0° \mathbf{H}		asc. node	-4487 Feb 09 j 21:22	27° \mathbf{Z} 27'22	
evening max el	-4488 Mar 17 j 19:35	14° \mathbf{H} 34'54	22°27'51		-4487 Feb 11 j 03:37	0° \approx	
retrograde	-4488 Mar 30 j 17:57	20° \mathbf{H} 53'25		evening max el	-4487 Feb 27 j 20:13	25° \approx 39'14	21°00'30
evening set	-4488 Apr 02 j 18:23	20° \mathbf{H} 33'22			-4487 Mar 06 j 02:25	0° \mathbf{H}	
desc. node	-4488 Apr 06 j 20:44	19° \mathbf{H} 09'00		retrograde	-4487 Mar 11 j 07:46	1° \mathbf{H} 07'33	
min. Earth dist.	-4488 Apr 11 j 04:07	16° \mathbf{H} 53'32	0.55382 AU	evening set	-4487 Mar 13 j 17:49	0° \mathbf{H} 53'52	
inferior conj	-4488 Apr 12 j 02:33	16° \mathbf{H} 21'35	-1°25'26		-4487 Mar 16 j 20:06	30° \mathbf{R} \approx	
minimum elong	-4488 Apr 11 j 22:46	16° \mathbf{H} 26'58	1°24'14	inferior conj	-4487 Mar 22 j 21:54	26° \approx 55'35	0°30'19
morning rise	-4488 Apr 21 j 04:56	12° \mathbf{H} 24'02		minimum elong	-4487 Mar 22 j 23:17	26° \approx 53'37	0°29'43
direct	-4488 Apr 23 j 18:44	12° \mathbf{H} 08'47		min. Earth dist.	-4487 Mar 23 j 18:24	26° \approx 26'20	0.55233 AU
morning max el	-4488 May 05 j 06:56	17° \mathbf{H} 32'36	21°02'30	desc. node	-4487 Mar 24 j 17:55	25° \approx 53'10	
	-4488 May 14 j 22:37	0° \mathbf{Y}		morning rise	-4487 Apr 01 j 04:03	22° \approx 44'59	
asc. node	-4488 May 22 j 00:05	12° \mathbf{Y} 50'40		direct	-4487 Apr 04 j 06:46	22° \approx 23'48	
morning set	-4488 May 24 j 20:29	18° \mathbf{Y} 36'05		morning max el	-4487 Apr 17 j 06:45	28° \approx 40'54	22°34'12
	-4488 May 30 j 08:09	0° \mathbf{B}			-4487 Apr 18 j 14:48	0° \mathbf{H}	
					-4487 May 07 j 13:59	0° \mathbf{Y}	
superior conj	-4488 Jun 01 j 09:10	4° \mathbf{B} 13'26	1°29'16	asc. node	-4487 May 08 j 21:03	2° \mathbf{Y} 39'45	
minimum elong	-4488 Jun 01 j 06:29	3° \mathbf{B} 59'41	1°29'05	morning set	-4487 May 09 j 06:57	3° \mathbf{Y} 31'11	
max. Earth dist.	-4488 Jun 05 j 13:22	12° \mathbf{B} 40'03	1.35519 AU				
evening rise	-4488 Jun 09 j 21:59	21° \mathbf{B} 06'14		superior conj	-4487 May 16 j 12:21	18° \mathbf{Y} 49'58	1°11'35
	-4488 Jun 14 j 18:40	0° \mathbf{II}		minimum elong	-4487 May 16 j 09:45	18° \mathbf{Y} 36'10	1°11'14
desc. node	-4488 Jul 03 j 19:21	29° \mathbf{II} 43'09		max. Earth dist.	-4487 May 19 j 08:47	24° \mathbf{Y} 48'28	1.34251 AU
	-4488 Jul 04 j 00:21	0° \mathbf{E}			-4487 May 21 j 21:40	0° \mathbf{B}	
evening max el	-4488 Jul 15 j 10:13	13° \mathbf{E} 24'56	26°32'58	evening rise	-4487 May 24 j 08:48	4° \mathbf{B} 54'07	
retrograde	-4488 Jul 28 j 07:04	20° \mathbf{E} 41'48			-4487 Jun 07 j 11:48	0° \mathbf{II}	
evening set	-4488 Aug 03 j 21:25	17° \mathbf{E} 55'33		desc. node	-4487 Jun 20 j 16:26	18° \mathbf{II} 46'02	
min. Earth dist.	-4488 Aug 07 j 21:53	13° \mathbf{E} 41'40	0.65956 AU	evening max el	-4487 Jun 27 j 21:29	26° \mathbf{II} 45'27	27°13'13
inferior conj	-4488 Aug 09 j 12:15	11° \mathbf{E} 45'08	-2°37'43		-4487 Jul 01 j 14:30	0° \mathbf{E}	
minimum elong	-4488 Aug 09 j 15:35	11° \mathbf{E} 34'59	2°36'26	retrograde	-4487 Jul 11 j 07:17	4° \mathbf{E} 09'34	
morning rise	-4488 Aug 15 j 10:03	5° \mathbf{E} 58'54		evening set	-4487 Jul 18 j 07:20	1° \mathbf{E} 22'14	
asc. node	-4488 Aug 17 j 23:30	5° \mathbf{E} 07'34			-4487 Jul 19 j 20:51	30° \mathbf{R} \mathbf{II}	
direct	-4488 Aug 18 j 11:16	5° \mathbf{E} 06'13		min. Earth dist.	-4487 Jul 22 j 01:10	27° \mathbf{II} 45'27	0.64751 AU
morning max el	-4488 Aug 25 j 05:35	8° \mathbf{E} 52'34	18°42'30	inferior conj	-4487 Jul 24 j 05:12	25° \mathbf{II} 20'11	-3°20'28
	-4488 Sep 09 j 00:47	0° \mathbf{O}		minimum elong	-4487 Jul 24 j 08:52	25° \mathbf{II} 09'53	3°19'19
morning set	-4488 Sep 14 j 23:41	9° \mathbf{O} 33'03		morning rise	-4487 Jul 30 j 10:58	19° \mathbf{II} 48'58	
	-4488 Sep 27 j 20:13	0° \mathbf{np}		direct	-4487 Aug 02 j 06:18	19° \mathbf{II} 07'07	
desc. node	-4488 Sep 29 j 18:55	3° \mathbf{np} 04'10		asc. node	-4487 Aug 04 j 20:35	19° \mathbf{II} 42'35	
				morning max el	-4487 Aug 08 j 18:59	22° \mathbf{II} 38'08	18°10'58
superior conj	-4488 Sep 30 j 18:45	4° \mathbf{np} 38'04	-0°06'17		-4487 Aug 14 j 13:35	0° \mathbf{E}	
minimum elong	-4488 Sep 30 j 17:56	4° \mathbf{np} 34'51	0°06'05	morning set	-4487 Aug 27 j 01:33	20° \mathbf{E} 21'38	
behind sun begin	-4488 Sep 30 j 07:14	3° \mathbf{np} 52'42			-4487 Sep 01 j 20:37	0° \mathbf{O}	
behind sun end	-4488 Oct 01 j 04:38	5° \mathbf{np} 16'59					
max. Earth dist.	-4488 Oct 01 j 02:35	5° \mathbf{np} 08'55	1.44810 AU	superior conj	-4487 Sep 09 j 23:24	13° \mathbf{O} 11'37	0°41'29
evening rise	-4488 Oct 16 j 20:01	0° $\underline{\mathbf{A}}$ 02'48		minimum elong	-4487 Sep 10 j 04:06	13° \mathbf{O} 30'27	0°41'05
	-4488 Oct 16 j 19:19	0° $\underline{\mathbf{A}}$		max. Earth dist.	-4487 Sep 13 j 20:00	19° \mathbf{O} 20'35	1.44512 AU
	-4488 Nov 05 j 14:03	0° \mathbb{M}		desc. node	-4487 Sep 16 j 15:49	23° \mathbf{O} 48'23	
evening max el	-4488 Nov 07 j 14:52	2° \mathbb{M} 17'28	19°00'01		-4487 Sep 20 j 14:35	0° \mathbf{np}	
asc. node	-4488 Nov 13 j 22:19	6° \mathbb{M} 11'33		evening rise	-4487 Sep 26 j 13:41	9° \mathbf{np} 16'58	
retrograde	-4488 Nov 14 j 12:40	6° \mathbb{M} 13'34		greatest brilliancy	-4487 Oct 09 j 08:59	28° \mathbf{np} 55'56	-0.7m
evening set	-4488 Nov 17 j 16:44	5° \mathbb{M} 15'41			-4487 Oct 10 j 02:06	0° $\underline{\mathbf{A}}$	
inferior conj	-4488 Nov 23 j 10:46	29° $\underline{\mathbf{A}}$ 28'26	2°52'30	evening max el	-4487 Oct 21 j 21:39	15° $\underline{\mathbf{A}}$ 44'18	19°50'26
minimum elong	-4488 Nov 23 j 07:36	29° $\underline{\mathbf{A}}$ 38'17	2°51'29	retrograde	-4487 Oct 29 j 09:26	20° $\underline{\mathbf{A}}$ 06'23	
	-4488 Nov 23 j 00:35	30° \mathbf{R} $\underline{\mathbf{A}}$		asc. node	-4487 Oct 31 j 19:27	19° $\underline{\mathbf{A}}$ 32'26	
min. Earth dist.	-4488 Nov 24 j 23:19	27° $\underline{\mathbf{A}}$ 34'54	0.65459 AU	evening set	-4487 Nov 01 j 21:40	18° $\underline{\mathbf{A}}$ 54'33	
morning rise	-4488 Nov 28 j 22:07	23° $\underline{\mathbf{A}}$ 19'14		inferior conj	-4487 Nov 07 j 10:33	12° $\underline{\mathbf{A}}$ 54'36	2°07'58

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4487 Nov 07 j 07:54	13° Ω 03'20	2°06'59	min. Earth dist.	-4486 Oct 23 j 02:40	25° Π 46'06	0.67045 AU
min. Earth dist.	-4487 Nov 08 j 10:14	11° Ω 36'39	0.66418 AU	morning rise	-4486 Oct 27 j 20:14	20° Π 12'07	
morning rise	-4487 Nov 12 j 17:54	6° Ω 40'56		direct	-4486 Nov 02 j 03:40	17° Π 55'01	
direct	-4487 Nov 18 j 16:32	4° Ω 04'54		morning max el	-4486 Nov 13 j 01:47	24° Π 26'01	24°04'25
morning max el	-4487 Nov 30 j 17:05	11° Ω 12'12	25°27'17		-4486 Nov 18 j 01:39	0° Ω	
desc. node	-4487 Dec 13 j 15:54	27° Ω 00'25		desc. node	-4486 Nov 30 j 12:49	16° Ω 45'19	
	-4487 Dec 15 j 19:02	0° Π			-4486 Dec 09 j 06:30	0° Π	
	-4486 Jan 03 j 14:52	0° \mathcal{A}		morning set	-4486 Dec 18 j 16:44	15° Π 31'31	
morning set	-4486 Jan 05 j 22:54	4° \mathcal{A} 10'32		max. Earth dist.	-4486 Dec 22 j 14:26	22° Π 21'56	1.38401 AU
max. Earth dist.	-4486 Jan 09 j 17:39	11° \mathcal{A} 09'46	1.36451 AU		-4486 Dec 26 j 19:06	0° \mathcal{A}	
superior conj	-4486 Jan 15 j 13:53	22° \mathcal{A} 30'00	-1°39'22	superior conj	-4486 Dec 29 j 18:18	5° \mathcal{A} 34'37	-1°50'56
minimum elong	-4486 Jan 15 j 16:45	22° \mathcal{A} 44'18	1°39'20	minimum elong	-4486 Dec 29 j 19:57	5° \mathcal{A} 42'29	1°51'04
	-4486 Jan 19 j 07:16	0° \mathcal{B}		evening rise	-4485 Jan 07 j 14:09	22° \mathcal{A} 46'44	
evening rise	-4486 Jan 23 j 15:54	8° \mathcal{B} 52'02			-4485 Jan 11 j 07:35	0° \mathcal{B}	
asc. node	-4486 Jan 27 j 18:24	16° \mathcal{B} 59'44		asc. node	-4485 Jan 14 j 15:29	6° \mathcal{B} 07'04	
	-4486 Feb 04 j 07:27	0° \approx		evening max el	-4485 Jan 24 j 04:12	19° \mathcal{B} 31'19	18°54'52
evening max el	-4486 Feb 10 j 07:13	7° \approx 18'15	19°48'16	retrograde	-4485 Feb 01 j 12:03	23° \mathcal{B} 31'24	
retrograde	-4486 Feb 20 j 02:02	11° \approx 56'17		evening set	-4485 Feb 03 j 22:34	23° \mathcal{B} 12'14	
evening set	-4486 Feb 22 j 10:07	11° \approx 41'39		inferior conj	-4485 Feb 11 j 19:24	18° \mathcal{B} 53'56	3°25'41
inferior conj	-4486 Mar 03 j 00:04	7° \approx 39'31	2°14'57	minimum elong	-4485 Feb 11 j 23:44	18° \mathcal{B} 46'08	3°24'40
minimum elong	-4486 Mar 03 j 04:57	7° \approx 31'55	2°13'21	min. Earth dist.	-4485 Feb 15 j 00:19	16° \mathcal{B} 36'42	0.57512 AU
min. Earth dist.	-4486 Mar 05 j 08:52	6° \approx 11'17	0.56009 AU	morning rise	-4485 Feb 19 j 22:24	13° \mathcal{B} 47'51	
morning rise	-4486 Mar 11 j 21:25	3° \approx 02'21		direct	-4485 Feb 25 j 08:50	12° \mathcal{B} 37'10	
desc. node	-4486 Mar 11 j 15:04	3° \approx 07'19		desc. node	-4485 Feb 26 j 12:12	12° \mathcal{B} 40'18	
direct	-4486 Mar 16 j 01:46	2° \approx 23'22		morning max el	-4485 Mar 11 j 14:15	19° \mathcal{B} 59'13	25°45'38
morning max el	-4486 Mar 29 j 23:10	9° \approx 21'25	24°13'00		-4485 Mar 20 j 03:09	0° \approx	
	-4486 Apr 14 j 04:30	0° \mathcal{H}			-4485 Apr 06 j 13:27	0° \mathcal{H}	
morning set	-4486 Apr 23 j 19:03	18° \mathcal{H} 33'24		morning set	-4485 Apr 08 j 07:04	3° \mathcal{H} 35'46	
asc. node	-4486 Apr 25 j 18:01	22° \mathcal{H} 42'14		asc. node	-4485 Apr 12 j 15:00	12° \mathcal{H} 52'29	
	-4486 Apr 29 j 03:16	0° \mathcal{Y}					
superior conj	-4486 Apr 30 j 20:22	3° \mathcal{Y} 42'11	0°50'38	superior conj	-4485 Apr 15 j 07:08	18° \mathcal{H} 42'14	0°27'29
minimum elong	-4486 Apr 30 j 18:19	3° \mathcal{Y} 31'05	0°50'15	minimum elong	-4485 Apr 15 j 05:57	18° \mathcal{H} 35'46	0°27'10
max. Earth dist.	-4486 May 02 j 13:32	7° \mathcal{Y} 23'24	1.33358 AU	max. Earth dist.	-4485 Apr 16 j 00:35	20° \mathcal{H} 17'25	1.32811 AU
evening rise	-4486 May 08 j 05:57	19° \mathcal{Y} 14'30		evening rise	-4485 Apr 20 j 12:56	0° \mathcal{Y}	
	-4486 May 13 j 18:53	0° \mathcal{B}			-4485 Apr 22 j 10:04	3° \mathcal{Y} 55'38	
	-4486 Jun 01 j 17:34	0° Π		evening max el	-4485 May 06 j 13:35	0° \mathcal{B}	
desc. node	-4486 Jun 07 j 13:33	6° Π 56'49		desc. node	-4485 May 23 j 13:32	22° \mathcal{B} 10'31	27°04'57
evening max el	-4486 Jun 10 j 07:30	9° Π 45'05	27°25'14	retrograde	-4485 May 25 j 10:43	23° \mathcal{B} 53'14	
retrograde	-4486 Jun 24 j 01:25	17° Π 09'25		evening set	-4485 Jun 06 j 12:35	29° \mathcal{B} 32'30	
evening set	-4486 Jul 01 j 04:52	14° Π 33'57		min. Earth dist.	-4485 Jun 13 j 10:00	27° \mathcal{B} 22'34	
min. Earth dist.	-4486 Jul 04 j 19:04	11° Π 28'29	0.63176 AU	inferior conj	-4485 Jun 17 j 02:58	24° \mathcal{B} 36'48	0.61287 AU
inferior conj	-4486 Jul 07 j 12:56	8° Π 43'11	-3°54'09	minimum elong	-4485 Jun 20 j 08:11	21° \mathcal{B} 46'13	-4°13'38
minimum elong	-4486 Jul 07 j 16:05	8° Π 35'16	3°53'26	morning rise	-4485 Jun 20 j 09:33	21° \mathcal{B} 43'12	4°13'24
morning rise	-4486 Jul 14 j 04:15	3° Π 30'03		direct	-4485 Jun 27 j 10:42	16° \mathcal{B} 53'52	
direct	-4486 Jul 16 j 19:52	2° Π 56'25		morning max el	-4485 Jun 30 j 00:11	16° \mathcal{B} 26'40	
asc. node	-4486 Jul 22 j 17:38	5° Π 42'24		asc. node	-4485 Jul 06 j 23:11	19° \mathcal{B} 53'33	18°02'16
morning max el	-4486 Jul 23 j 09:44	6° Π 20'31	17°57'14		-4485 Jul 09 j 14:40	22° \mathcal{B} 51'23	
	-4486 Aug 07 j 19:57	0° \mathcal{E}		morning set	-4485 Jul 14 j 11:19	0° Π	
morning set	-4486 Aug 09 j 03:48	2° \mathcal{E} 19'55			-4485 Jul 23 j 00:57	15° Π 13'07	
					-4485 Jul 31 j 04:00	0° \mathcal{E}	
superior conj	-4486 Aug 21 j 02:38	22° \mathcal{E} 52'52	1°18'18	superior conj	-4485 Aug 02 j 09:38	3° \mathcal{E} 57'03	1°40'19
minimum elong	-4486 Aug 21 j 08:23	23° \mathcal{E} 16'48	1°17'56	minimum elong	-4485 Aug 02 j 13:10	4° \mathcal{E} 12'33	1°40'19
	-4486 Aug 25 j 10:15	0° \mathcal{Q}		max. Earth dist.	-4485 Aug 09 j 21:04	16° \mathcal{E} 43'00	1.42002 AU
max. Earth dist.	-4486 Aug 27 j 11:00	3° \mathcal{Q} 17'37	1.43534 AU	evening rise	-4485 Aug 16 j 04:07	26° \mathcal{E} 57'13	
desc. node	-4486 Sep 03 j 12:44	14° \mathcal{Q} 31'09			-4485 Aug 18 j 02:18	0° \mathcal{Q}	
evening rise	-4486 Sep 05 j 17:48	17° \mathcal{Q} 57'39		desc. node	-4485 Aug 21 j 09:43	5° \mathcal{Q} 09'19	
	-4486 Sep 13 j 14:48	0° Π			-4485 Sep 07 j 09:58	0° Π	
evening max el	-4486 Oct 04 j 22:44	29° Π 10'35	20°54'41	evening max el	-4485 Sep 17 j 17:32	12° Π 35'57	22°09'25
	-4486 Oct 05 j 18:36	0° \mathcal{L}		retrograde	-4485 Sep 27 j 01:57	18° Π 09'13	
retrograde	-4486 Oct 13 j 06:25	4° \mathcal{L} 05'38		evening set	-4485 Oct 01 j 13:05	16° Π 21'49	
evening set	-4486 Oct 17 j 05:04	2° \mathcal{L} 37'07		asc. node	-4485 Oct 05 j 13:43	11° Π 51'52	
asc. node	-4486 Oct 18 j 16:35	1° \mathcal{L} 18'25		inferior conj	-4485 Oct 06 j 20:37	10° Π 06'08	0°26'21
	-4486 Oct 19 j 21:06	30° \mathcal{R} Π		minimum elong	-4485 Oct 06 j 20:00	10° Π 08'15	0°26'11
inferior conj	-4486 Oct 22 j 14:29	26° Π 27'40	1°18'33	min. Earth dist.	-4485 Oct 06 j 22:16	10° Π 00'26	0.67359 AU
minimum elong	-4486 Oct 22 j 12:44	26° Π 33'37	1°17'53	morning rise	-4485 Oct 12 j 02:48	3° Π 51'28	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

direct	-4485 Oct 16 j 19:14	1°♎55'46		inferior conj	-4484 Sep 20 j 03:09	23°♎47'39	-0°26'59
morning max el	-4485 Oct 26 j 12:51	7°♎43'53	22°38'14	minimum elong	-4484 Sep 20 j 03:47	23°♎45'31	0°26'36
	-4485 Nov 12 j 18:08	0°♏		min. Earth dist.	-4484 Sep 19 j 18:36	24°♎16'58	0.67375 AU
desc. node	-4485 Nov 17 j 09:44	6°♏52'44		asc. node	-4484 Sep 21 j 10:50	22°♎00'23	
morning set	-4485 Nov 29 j 07:05	25°♏30'43		morning rise	-4484 Sep 25 j 11:35	17°♎36'44	
	-4485 Dec 02 j 00:21	0°♐		direct	-4484 Sep 29 j 14:20	16°♎01'58	
max. Earth dist.	-4485 Dec 04 j 11:50	4°♐10'24	1.40468 AU	morning max el	-4484 Oct 08 j 05:08	21°♎07'25	21°16'38
					-4484 Oct 15 j 14:27	0°♐	
superior conj	-4485 Dec 12 j 05:54	17°♐46'04	-1°53'21	desc. node	-4484 Nov 03 j 06:39	27°♐15'27	
minimum elong	-4485 Dec 12 j 04:59	17°♐41'52	1°53'29		-4484 Nov 05 j 01:15	0°♑	
	-4485 Dec 18 j 20:46	0°♑		morning set	-4484 Nov 07 j 18:22	4°♑14'09	
evening rise	-4485 Dec 22 j 03:01	6°♑09'16		max. Earth dist.	-4484 Nov 15 j 14:52	16°♑49'35	1.42360 AU
asc. node	-4484 Jan 01 j 12:34	24°♑41'13					
	-4484 Jan 05 j 08:26	0°♒		superior conj	-4484 Nov 22 j 18:56	28°♑49'42	-1°42'57
evening max el	-4484 Jan 07 j 09:09	2°♒12'59	18°21'32	minimum elong	-4484 Nov 22 j 14:26	28°♑30'28	1°42'45
retrograde	-4484 Jan 14 j 16:43	5°♒50'26			-4484 Nov 23 j 11:19	0°♓	
evening set	-4484 Jan 17 j 05:59	5°♒25'08		evening rise	-4484 Dec 04 j 02:48	18°♓51'00	
inferior conj	-4484 Jan 24 j 11:11	0°♒46'03	3°59'15		-4484 Dec 10 j 08:23	0°♑	
minimum elong	-4484 Jan 24 j 12:47	0°♒42'41	3°58'56	asc. node	-4484 Dec 18 j 09:39	12°♑31'39	
	-4484 Jan 25 j 09:02	30°♑♑		evening max el	-4484 Dec 20 j 19:20	15°♑15'18	18°08'12
min. Earth dist.	-4484 Jan 27 j 19:42	27°♑58'43	0.59422 AU	retrograde	-4484 Dec 27 j 13:10	18°♑43'56	
morning rise	-4484 Jan 31 j 17:40	25°♑16'49		evening set	-4484 Dec 30 j 05:12	18°♑11'27	
direct	-4484 Feb 07 j 04:13	23°♑27'00		inferior conj	-4483 Jan 05 j 21:28	13°♑11'00	4°03'08
desc. node	-4484 Feb 13 j 09:19	25°♑02'38		minimum elong	-4483 Jan 05 j 20:27	13°♑13'28	4°02'52
	-4484 Feb 20 j 07:24	0°♒		min. Earth dist.	-4483 Jan 08 j 22:14	10°♑17'01	0.61412 AU
morning max el	-4484 Feb 21 j 09:40	1°♒02'00	26°56'57	morning rise	-4483 Jan 12 j 10:27	7°♑25'45	
	-4484 Mar 13 j 03:21	0°♓		direct	-4483 Jan 19 j 10:01	5°♑01'23	
morning set	-4484 Mar 22 j 17:16	18°♓31'54		desc. node	-4483 Jan 30 j 06:23	9°♑50'32	
	-4484 Mar 28 j 01:54	0°♔		morning max el	-4483 Feb 02 j 11:18	12°♑43'19	27°36'04
asc. node	-4484 Mar 29 j 12:00	3°♔06'14			-4483 Feb 16 j 06:21	0°♒	
					-4483 Mar 05 j 09:21	0°♓	
superior conj	-4484 Mar 29 j 18:53	3°♔43'59	0°03'01	morning set	-4483 Mar 06 j 23:42	3°♓14'38	
minimum elong	-4484 Mar 29 j 18:46	3°♔43'17	0°02'52	max. Earth dist.	-4483 Mar 13 j 02:15	16°♓10'41	1.32713 AU
behind sun begin	-4484 Mar 29 j 13:50	3°♔16'18					
behind sun end	-4484 Mar 29 j 23:41	4°♔10'16		superior conj	-4483 Mar 14 j 06:01	18°♓41'32	-0°21'58
max. Earth dist.	-4484 Mar 29 j 14:06	3°♔17'45	1.32594 AU	minimum elong	-4483 Mar 14 j 07:00	18°♓46'53	0°21'54
evening rise	-4484 Apr 05 j 18:40	18°♔48'51		asc. node	-4483 Mar 16 j 09:00	23°♓19'26	
	-4484 Apr 11 j 08:22	0°♕			-4483 Mar 19 j 11:00	0°♔	
	-4484 Apr 30 j 20:18	0°♖		evening rise	-4483 Mar 21 j 05:40	3°♔46'51	
evening max el	-4484 May 04 j 13:26	3°♖53'47	26°12'34		-4483 Apr 04 j 10:19	0°♕	
desc. node	-4484 May 11 j 07:53	9°♖04'54		evening max el	-4483 Apr 16 j 07:40	14°♕59'36	24°54'23
retrograde	-4484 May 18 j 15:32	11°♖11'47		desc. node	-4483 Apr 28 j 05:03	21°♕55'51	
evening set	-4484 May 24 j 18:57	9°♖38'04		retrograde	-4483 Apr 30 j 08:17	22°♕06'29	
min. Earth dist.	-4484 May 29 j 02:13	6°♖55'26	0.59246 AU	evening set	-4483 May 05 j 06:45	21°♕10'34	
inferior conj	-4484 Jun 01 j 11:16	4°♖19'56	-4°11'19	min. Earth dist.	-4483 May 10 j 19:58	18°♕15'01	0.57329 AU
minimum elong	-4484 Jun 01 j 09:34	4°♖23'15	4°11'06	inferior conj	-4483 May 13 j 19:09	16°♕16'29	-3°37'25
	-4484 Jun 08 j 13:18	30°♕♕		minimum elong	-4483 May 13 j 14:14	16°♕24'44	3°36'28
morning rise	-4484 Jun 09 j 02:41	29°♕49'30		morning rise	-4483 May 22 j 00:52	12°♕05'32	
direct	-4484 Jun 11 j 14:51	29°♕27'39		direct	-4483 May 24 j 11:55	11°♕48'00	
	-4484 Jun 14 j 14:02	0°♖		morning max el	-4483 Jun 02 j 10:47	15°♕58'39	19°11'28
morning max el	-4484 Jun 19 j 08:29	3°♖09'10	18°26'48	asc. node	-4483 Jun 12 j 08:43	29°♕39'28	
asc. node	-4484 Jun 25 j 11:42	10°♖54'27			-4483 Jun 12 j 13:24	0°♖	
morning set	-4484 Jul 05 j 11:59	28°♖48'00		morning set	-4483 Jun 19 j 09:06	12°♖55'41	
	-4484 Jul 06 j 03:01	0°♗					
				superior conj	-4483 Jun 27 j 17:38	29°♖26'07	1°47'04
superior conj	-4484 Jul 14 j 16:32	16°♗13'16	1°48'56	minimum elong	-4483 Jun 27 j 16:20	29°♖19'50	1°47'13
minimum elong	-4484 Jul 14 j 17:18	16°♗16'48	1°49'09		-4483 Jun 28 j 00:38	0°♗	
max. Earth dist.	-4484 Jul 22 j 01:00	29°♗23'09	1.40136 AU	max. Earth dist.	-4483 Jul 04 j 02:20	11°♗24'39	1.38199 AU
	-4484 Jul 22 j 09:31	0°♘		evening rise	-4483 Jul 07 j 23:26	18°♗20'47	
evening rise	-4484 Jul 26 j 12:32	6°♘59'47			-4483 Jul 14 j 20:57	0°♘	
desc. node	-4484 Aug 07 j 06:45	25°♘38'28		desc. node	-4483 Jul 25 j 03:47	15°♘53'54	
	-4484 Aug 10 j 04:53	0°♙			-4483 Aug 04 j 10:42	0°♙	
evening max el	-4484 Aug 30 j 07:04	26°♙01'04	23°29'51	evening max el	-4483 Aug 12 j 18:02	9°♙29'33	24°49'16
	-4484 Sep 03 j 22:05	0°♑		retrograde	-4483 Aug 24 j 07:33	16°♙14'41	
retrograde	-4484 Sep 09 j 18:41	2°♑13'16		evening set	-4483 Aug 29 j 23:45	13°♙48'54	
evening set	-4484 Sep 14 j 19:55	0°♑06'07		min. Earth dist.	-4483 Sep 03 j 13:14	8°♙34'54	0.67090 AU
	-4484 Sep 14 j 22:45	30°♑♑		inferior conj	-4483 Sep 04 j 08:25	7°♙31'07	-1°19'48

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4483 Sep 04 j 10:15	7°Ω25'00	1°18'53	evening set	-4482 Aug 13 j 22:34	27°☿27'42	
asc. node	-4483 Sep 08 j 07:57	2°Ω44'19		min. Earth dist.	-4482 Aug 18 j 03:41	22°☿51'24	0.66476 AU
morning rise	-4483 Sep 09 j 20:46	1°Ω27'05		inferior conj	-4482 Aug 19 j 10:33	21°☿13'53	-2°10'24
direct	-4483 Sep 13 j 11:51	0°Ω10'57		minimum elong	-4482 Aug 19 j 13:26	21°☿04'46	2°09'09
morning max el	-4483 Sep 21 j 04:24	4°Ω39'09	20°05'24	morning rise	-4482 Aug 25 j 04:26	15°☿20'05	
	-4483 Oct 09 j 14:14	0°♊		asc. node	-4482 Aug 26 j 05:03	14°☿47'50	
morning set	-4483 Oct 17 j 16:46	12°♊26'53		direct	-4482 Aug 28 j 10:08	14°☿19'37	
desc. node	-4483 Oct 21 j 03:33	17°♊48'50		morning max el	-4482 Sep 04 j 10:32	18°☿18'32	19°08'11
	-4483 Oct 28 j 20:50	0°♋			-4482 Sep 13 j 08:54	0°Ω	
max. Earth dist.	-4483 Oct 29 j 01:02	0°♋16'46	1.43819 AU	morning set	-4482 Sep 27 j 01:43	21°Ω15'53	
					-4482 Oct 02 j 15:00	0°♊	
superior conj	-4483 Nov 03 j 04:49	8°♋36'17	-1°16'32	desc. node	-4482 Oct 08 j 00:27	8°♊29'00	
minimum elong	-4483 Nov 02 j 22:01	8°♋08'32	1°15'52	max. Earth dist.	-4482 Oct 11 j 16:56	14°♊17'42	1.44654 AU
	-4483 Nov 15 j 23:05	0°♌					
evening rise	-4483 Nov 16 j 09:09	0°♌43'16		superior conj	-4482 Oct 13 j 13:42	17°♊14'40	-0°34'36
evening max el	-4483 Dec 04 j 07:56	28°♌31'23	18°14'08	minimum elong	-4482 Oct 13 j 09:21	16°♊57'29	0°34'00
asc. node	-4483 Dec 05 j 06:45	29°♌25'50			-4482 Oct 21 j 13:37	0°♋	
	-4483 Dec 05 j 22:52	0°♌		evening rise	-4482 Oct 28 j 17:20	11°♋36'36	
retrograde	-4483 Dec 10 j 21:08	2°♌02'49			-4482 Nov 09 j 01:27	0°♌	
evening set	-4483 Dec 13 j 16:43	1°♌21'49		evening max el	-4482 Nov 17 j 20:12	11°♌55'02	18°38'22
	-4483 Dec 15 j 20:07	30°♌		asc. node	-4482 Nov 22 j 03:51	15°♌08'41	
inferior conj	-4483 Dec 19 j 22:37	26°♌01'14	3°46'05	retrograde	-4482 Nov 24 j 12:41	15°♌39'21	
minimum elong	-4483 Dec 19 j 19:59	26°♌08'21	3°45'30	evening set	-4482 Nov 27 j 13:13	14°♌48'07	
min. Earth dist.	-4483 Dec 22 j 09:57	23°♌21'21	0.63236 AU	inferior conj	-4482 Dec 03 j 10:59	9°♌09'39	3°14'56
morning rise	-4483 Dec 25 j 22:34	20°♌04'40		minimum elong	-4482 Dec 03 j 07:46	9°♌19'11	3°14'02
direct	-4482 Jan 02 j 00:03	17°♌19'16		min. Earth dist.	-4482 Dec 05 j 07:33	6°♌57'21	0.64749 AU
morning max el	-4482 Jan 15 j 17:57	25°♌02'40	27°38'57	morning rise	-4482 Dec 09 j 01:57	3°♌04'36	
desc. node	-4482 Jan 17 j 03:25	26°♌27'44		direct	-4482 Dec 15 j 20:45	0°♌13'37	
	-4482 Jan 20 j 07:52	0°♌		morning max el	-4482 Dec 29 j 03:13	7°♌51'23	27°08'05
	-4482 Feb 09 j 15:27	0°♍		desc. node	-4481 Jan 04 j 00:24	14°♌22'50	
morning set	-4482 Feb 18 j 23:58	17°♍34'59			-4481 Jan 15 j 09:57	0°♌	
max. Earth dist.	-4482 Feb 24 j 09:08	28°♍41'57	1.33210 AU		-4481 Feb 01 j 21:50	0°♍	
	-4482 Feb 24 j 23:50	0°♎		morning set	-4481 Feb 02 j 15:04	1°♍23'14	
				max. Earth dist.	-4481 Feb 07 j 07:12	10°♍41'50	1.34127 AU
superior conj	-4482 Feb 26 j 14:44	3°♎28'02	-0°46'31				
minimum elong	-4482 Feb 26 j 16:45	3°♎38'52	0°46'19	superior conj	-4481 Feb 10 j 19:08	17°♍57'02	-1°09'34
asc. node	-4482 Mar 03 j 05:59	13°♎27'17		minimum elong	-4481 Feb 10 j 21:56	18°♍11'42	1°09'20
evening rise	-4482 Mar 05 j 17:16	18°♎42'22			-4481 Feb 16 j 11:49	0°♎	
	-4482 Mar 11 j 07:42	0°♏		evening rise	-4481 Feb 18 j 03:44	3°♎29'21	
evening max el	-4482 Mar 28 j 23:52	25°♏44'42	23°21'59	asc. node	-4481 Feb 18 j 03:00	3°♎25'30	
	-4482 Apr 03 j 11:02	0°♐			-4481 Mar 05 j 02:41	0°♏	
retrograde	-4482 Apr 11 j 12:02	2°♐25'19		evening max el	-4481 Mar 10 j 19:48	6°♏35'01	21°49'15
evening set	-4482 Apr 15 j 03:00	1°♐56'33		retrograde	-4481 Mar 23 j 04:20	12°♏32'37	
desc. node	-4482 Apr 15 j 02:13	1°♐57'03		evening set	-4481 Mar 25 j 21:07	12°♏16'20	
	-4482 Apr 19 j 23:07	30°♏		desc. node	-4481 Apr 01 j 23:21	9°♏27'25	
min. Earth dist.	-4482 Apr 22 j 11:00	28°♏36'37	0.55884 AU	inferior conj	-4481 Apr 04 j 05:15	8°♏12'39	-0°37'09
inferior conj	-4482 Apr 24 j 07:17	27°♏31'03	-2°24'13	minimum elong	-4481 Apr 04 j 03:31	8°♏15'05	0°36'39
minimum elong	-4482 Apr 24 j 01:46	27°♏39'14	2°22'39	min. Earth dist.	-4481 Apr 04 j 00:59	8°♏18'39	0.55213 AU
morning rise	-4482 May 03 j 03:08	23°♏32'06		morning rise	-4481 Apr 13 j 10:39	4°♏11'54	
direct	-4482 May 05 j 14:35	23°♏16'57		direct	-4481 Apr 16 j 04:41	3°♏55'04	
morning max el	-4482 May 16 j 03:20	28°♏11'10	20°16'24	morning max el	-4481 Apr 28 j 08:54	9°♏41'34	21°39'51
	-4482 May 17 j 22:32	0°♐			-4481 May 12 j 16:46	0°♐	
asc. node	-4482 May 30 j 05:43	18°♐55'27		asc. node	-4481 May 17 j 02:43	8°♐34'24	
morning set	-4482 Jun 03 j 13:13	27°♐27'15		morning set	-4481 May 18 j 21:59	12°♐15'45	
	-4482 Jun 04 j 19:12	0°♑					
superior conj	-4482 Jun 11 j 07:48	13°♑20'07	1°37'28	superior conj	-4481 May 26 j 07:08	27°♐43'49	1°22'15
minimum elong	-4482 Jun 11 j 05:23	13°♑07'57	1°37'24	minimum elong	-4481 May 26 j 04:25	27°♐29'40	1°21'58
max. Earth dist.	-4482 Jun 16 j 07:30	23°♑10'51	1.36420 AU		-4481 May 27 j 09:22	0°♑	
	-4482 Jun 19 j 22:11	0°♒		max. Earth dist.	-4481 May 29 j 21:26	5°♑07'21	1.34944 AU
evening rise	-4482 Jun 20 j 09:09	0°♒50'33		evening rise	-4481 Jun 03 j 12:15	14°♑13'55	
	-4482 Jul 07 j 23:53	0°☾			-4481 Jun 12 j 04:59	0°♒	
desc. node	-4482 Jul 12 j 00:50	5°☾48'39		desc. node	-4481 Jun 28 j 21:55	25°♒13'46	
evening max el	-4482 Jul 26 j 04:50	23°☾00'30	25°59'45		-4481 Jul 02 j 17:31	0°☾	
	-4482 Aug 06 j 03:25	0°Ω		evening max el	-4481 Jul 08 j 16:09	6°☾27'36	26°53'05
retrograde	-4482 Aug 07 j 15:45	0°Ω08'13		retrograde	-4481 Jul 21 j 18:49	13°☾47'40	
	-4482 Aug 09 j 02:57	30°♊		evening set	-4481 Jul 28 j 14:00	10°☾59'39	
				min. Earth dist.	-4481 Aug 01 j 11:30	7°☾01'58	0.65497 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

inferior conj	-4481 Aug 03 j 07:31	4°☿52'44	-2°56'45	evening set	-4480 Jul 10 j 19:09	24°♊20'57	
minimum elong	-4481 Aug 03 j 11:05	4°☿42'14	2°55'28	min. Earth dist.	-4480 Jul 14 j 10:48	20°♊58'53	0.64129 AU
	-4481 Aug 08 j 02:53	30°♈♊		inferior conj	-4480 Jul 16 j 20:56	18°♊23'31	-3°36'07
morning rise	-4481 Aug 09 j 08:32	29°♊12'30		minimum elong	-4480 Jul 17 j 00:32	18°♊13'54	3°35'08
direct	-4481 Aug 12 j 07:05	28°♊24'38		morning rise	-4480 Jul 23 j 06:37	12°♊59'57	
asc. node	-4481 Aug 13 j 02:09	28°♊28'07		direct	-4480 Jul 26 j 00:09	12°♊21'54	
	-4481 Aug 16 j 13:28	0°☿		asc. node	-4480 Jul 29 j 23:15	13°♊41'20	
morning max el	-4481 Aug 18 j 21:59	2°☿03'01	18°26'57	morning max el	-4480 Aug 01 j 12:24	15°♊48'38	18°02'57
	-4481 Sep 06 j 16:26	0°♊			-4480 Aug 11 j 13:44	0°☿	
morning set	-4481 Sep 07 j 11:52	1°♊19'18		morning set	-4480 Aug 19 j 00:47	12°☿39'31	
					-4480 Aug 29 j 08:14	0°♊	
superior conj	-4481 Sep 22 j 13:03	25°♊30'02	0°14'48	superior conj	-4480 Sep 01 j 01:55	4°♊28'45	0°58'51
minimum elong	-4481 Sep 22 j 14:58	25°♊37'36	0°14'42	minimum elong	-4480 Sep 01 j 07:38	4°♊51'59	0°58'22
behind sun begin	-4481 Sep 22 j 10:02	25°♊18'04		max. Earth dist.	-4480 Sep 06 j 04:15	12°♊41'05	1.44171 AU
behind sun end	-4481 Sep 22 j 19:55	25°♊57'07		desc. node	-4480 Sep 10 j 18:18	19°♊56'25	
max. Earth dist.	-4481 Sep 24 j 11:16	28°♊32'32	1.44772 AU	evening rise	-4480 Sep 17 j 10:23	0°♎19'51	
desc. node	-4481 Sep 24 j 21:21	29°♊12'20			-4480 Sep 17 j 05:15	0°♎	
	-4481 Sep 25 j 09:27	0°♎			-4480 Sep 17 j 05:15	0°♎	
evening rise	-4481 Oct 09 j 00:23	21°♎24'55			-4480 Oct 07 j 07:07	0°♎	
	-4481 Oct 14 j 11:29	0°♎		evening max el	-4480 Oct 14 j 09:58	8°♎47'02	20°16'10
greatest brilliancy	-4481 Oct 18 j 23:44	7°♎02'19	-0.8m	retrograde	-4480 Oct 22 j 05:39	13°♎22'47	
evening max el	-4481 Nov 01 j 05:33	25°♎20'54	19°19'38	evening set	-4480 Oct 25 j 21:59	12°♎04'10	
retrograde	-4481 Nov 08 j 08:24	29°♎27'02		asc. node	-4480 Oct 25 j 22:07	12°♎03'56	
asc. node	-4481 Nov 09 j 00:59	29°♎24'17		inferior conj	-4480 Oct 31 j 09:11	5°♎59'28	1°47'29
evening set	-4481 Nov 11 j 15:45	28°♎23'22		minimum elong	-4480 Oct 31 j 06:53	6°♎07'12	1°46'36
inferior conj	-4481 Nov 17 j 07:21	22°♎30'05	2°34'20	min. Earth dist.	-4480 Nov 01 j 03:46	4°♎57'08	0.66720 AU
minimum elong	-4481 Nov 17 j 04:20	22°♎39'42	2°33'18		-4480 Nov 05 j 08:44	30°♈♎	
min. Earth dist.	-4481 Nov 18 j 14:08	20°♎51'47	0.65905 AU	morning rise	-4480 Nov 05 j 15:34	29°♎44'29	
morning rise	-4481 Nov 22 j 16:40	16°♎18'48		direct	-4480 Nov 11 j 07:40	27°♎16'09	
direct	-4481 Nov 28 j 23:23	13°♎34'55			-4480 Nov 18 j 03:42	0°♎	
morning max el	-4481 Dec 11 j 12:52	20°♎57'04	26°09'52	morning max el	-4480 Nov 22 j 21:47	4°♎09'52	24°53'03
	-4481 Dec 19 j 10:18	0°♎		desc. node	-4480 Dec 07 j 18:20	22°♎40'02	
desc. node	-4481 Dec 21 j 21:22	3°♎12'09			-4480 Dec 12 j 18:55	0°♎	
	-4480 Jan 08 j 13:41	0°♎		morning set	-4480 Dec 29 j 00:16	26°♎29'19	
morning set	-4480 Jan 16 j 16:57	14°♎26'19			-4480 Dec 30 j 23:21	0°♎	
max. Earth dist.	-4480 Jan 20 j 17:54	22°♎07'48	1.35482 AU	max. Earth dist.	-4479 Jan 01 j 17:56	3°♎14'19	1.37247 AU
	-4480 Jan 24 j 17:04	0°♎					
superior conj	-4480 Jan 25 j 16:47	2°♎00'14	-1°29'46	superior conj	-4479 Jan 08 j 04:36	15°♎28'52	-1°45'12
minimum elong	-4480 Jan 25 j 19:51	2°♎15'51	1°29'37	minimum elong	-4479 Jan 08 j 07:06	15°♎41'07	1°45'14
evening rise	-4480 Feb 02 j 11:10	18°♎00'48		evening rise	-4479 Jan 15 j 11:25	0°♎	
asc. node	-4480 Feb 05 j 00:01	23°♎08'37		asc. node	-4479 Jan 21 j 21:04	12°♎30'50	
	-4480 Feb 08 j 13:27	0°♎		evening max el	-4479 Feb 02 j 15:51	29°♎45'23	19°23'08
evening max el	-4480 Feb 21 j 00:31	17°♎52'12	20°27'32		-4479 Feb 02 j 22:05	0°♎	
retrograde	-4480 Mar 02 j 18:40	22°♎58'42		retrograde	-4479 Feb 11 j 19:00	4°♎05'49	
evening set	-4480 Mar 05 j 02:55	22°♎45'10		evening set	-4479 Feb 14 j 03:39	3°♎49'42	
inferior conj	-4480 Mar 14 j 01:44	18°♎46'43	1°17'50		-4479 Feb 21 j 23:15	30°♈♎	
minimum elong	-4480 Mar 14 j 05:03	18°♎41'50	1°16'35	inferior conj	-4479 Feb 22 j 10:21	29°♎41'41	2°49'40
min. Earth dist.	-4480 Mar 15 j 14:59	17°♎52'06	0.55460 AU	minimum elong	-4479 Feb 22 j 15:26	29°♎33'17	2°48'14
desc. node	-4480 Mar 18 j 20:30	16°♎06'28		min. Earth dist.	-4479 Feb 25 j 05:52	27°♎50'40	0.56569 AU
morning rise	-4480 Mar 23 j 05:44	14°♎26'14		morning rise	-4479 Mar 03 j 00:34	24°♎51'24	
direct	-4480 Mar 26 j 17:57	13°♎59'25		desc. node	-4479 Mar 05 j 17:39	24°♎09'51	
morning max el	-4480 Apr 09 j 05:00	20°♎35'20	23°16'06	direct	-4479 Mar 07 j 17:35	24°♎00'33	
	-4480 Apr 17 j 03:49	0°♎			-4479 Mar 20 j 13:16	0°♎	
morning set	-4480 May 02 j 09:23	27°♎14'46		morning max el	-4479 Mar 21 j 20:14	1°♎11'27	24°54'09
asc. node	-4480 May 02 j 23:42	28°♎29'47			-4479 Apr 10 j 18:23	0°♎	
	-4480 May 03 j 16:48	0°♎		morning set	-4479 Apr 16 j 21:39	12°♎17'37	
				asc. node	-4479 Apr 19 j 20:40	18°♎35'57	
superior conj	-4480 May 09 j 12:40	12°♎27'58	1°03'02	superior conj	-4479 Apr 23 j 22:05	27°♎24'20	0°41'02
minimum elong	-4480 May 09 j 10:15	12°♎15'02	1°02'39	minimum elong	-4479 Apr 23 j 20:22	27°♎15'01	0°40'40
max. Earth dist.	-4480 May 11 j 21:11	17°♎27'35	1.33827 AU	max. Earth dist.	-4479 Apr 25 j 04:50	0°♎10'45	1.33077 AU
evening rise	-4480 May 17 j 03:55	28°♎16'48			-4479 Apr 25 j 02:50	0°♎	
	-4480 May 18 j 00:49	0°♎		evening rise	-4479 May 01 j 04:21	12°♎46'53	
	-4480 Jun 04 j 09:24	0°♎			-4479 May 10 j 04:51	0°♎	
desc. node	-4480 Jun 14 j 19:02	13°♎56'48			-4479 May 31 j 01:43	0°♎	
evening max el	-4480 Jun 20 j 03:02	19°♎40'26	27°21'58				
retrograde	-4480 Jul 03 j 16:31	27°♎05'18		desc. node	-4479 Jun 01 j 16:12	1°♎39'12	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening max el	-4479 Jun 02 j 11:26	2° Π 26'12	27°20'39	retrograde	-4478 May 29 j 16:14	21° \mathcal{S} 55'46	
retrograde	-4479 Jun 16 j 08:08	9° Π 50'44		evening set	-4478 Jun 05 j 07:16	20° \mathcal{S} 00'38	
evening set	-4479 Jun 23 j 10:17	7° Π 24'14		min. Earth dist.	-4478 Jun 09 j 04:42	17° \mathcal{S} 17'59	0.60424 AU
min. Earth dist.	-4479 Jun 27 j 00:27	4° Π 29'02	0.62399 AU	inferior conj	-4478 Jun 12 j 12:41	14° \mathcal{S} 31'09	-4°15'54
inferior conj	-4479 Jun 29 j 23:48	1° Π 38'57	-4°04'32	minimum elong	-4478 Jun 12 j 12:52	14° \mathcal{S} 30'45	4°15'46
minimum elong	-4479 Jun 30 j 02:22	1° Π 32'49	4°04'04	morning rise	-4478 Jun 19 j 20:27	9° \mathcal{S} 47'50	
	-4479 Jul 01 j 18:13	30° \mathcal{R} 8		direct	-4478 Jun 22 j 09:12	9° \mathcal{S} 23'05	
morning rise	-4479 Jul 06 j 19:43	26° \mathcal{S} 34'38		morning max el	-4478 Jun 29 j 15:03	12° \mathcal{S} 54'59	18°10'09
direct	-4479 Jul 09 j 10:08	26° \mathcal{S} 04'05		asc. node	-4478 Jul 03 j 17:21	17° \mathcal{S} 46'15	
morning max el	-4479 Jul 16 j 03:02	29° \mathcal{S} 28'18	17°57'02		-4478 Jul 11 j 04:19	0° Π	
asc. node	-4479 Jul 16 j 20:18	0° Π 12'31		morning set	-4478 Jul 15 j 15:21	8° Π 14'58	
	-4479 Jul 16 j 15:34	0° Π					
morning set	-4479 Aug 01 j 11:44	25° Π 02'38		superior conj	-4478 Jul 25 j 10:55	26° Π 22'03	1°45'26
	-4479 Aug 04 j 06:14	0° \mathcal{S}		minimum elong	-4478 Jul 25 j 13:15	26° Π 32'27	1°45'34
					-4478 Jul 27 j 11:54	0° \mathcal{S}	
superior conj	-4479 Aug 12 j 17:07	14° \mathcal{S} 45'45	1°29'26	max. Earth dist.	-4478 Aug 01 j 23:54	9° \mathcal{S} 30'00	1.41242 AU
minimum elong	-4479 Aug 12 j 22:08	15° \mathcal{S} 07'08	1°29'12	evening rise	-4478 Aug 07 j 09:02	18° \mathcal{S} 24'05	
max. Earth dist.	-4479 Aug 19 j 16:47	26° \mathcal{S} 24'13	1.42937 AU		-4478 Aug 14 j 17:24	0° \mathcal{Q}	
	-4479 Aug 21 j 22:03	0° \mathcal{Q}		desc. node	-4478 Aug 15 j 12:17	1° \mathcal{Q} 12'27	
evening rise	-4479 Aug 27 j 14:33	9° \mathcal{Q} 01'13			-4478 Sep 05 j 00:28	0° \mathcal{M}	
desc. node	-4479 Aug 28 j 15:17	10° \mathcal{Q} 37'39		evening max el	-4478 Sep 10 j 00:45	5° \mathcal{M} 37'46	22°43'21
	-4479 Sep 10 j 11:02	0° \mathcal{M}		retrograde	-4478 Sep 19 j 20:40	11° \mathcal{M} 27'30	
evening max el	-4479 Sep 27 j 08:17	22° \mathcal{M} 12'22	21°25'25	evening set	-4478 Sep 24 j 13:35	9° \mathcal{M} 31'57	
retrograde	-4479 Oct 06 j 02:16	27° \mathcal{M} 23'43		inferior conj	-4478 Sep 29 j 20:49	3° \mathcal{M} 14'52	0°03'47
evening set	-4479 Oct 10 j 05:52	25° \mathcal{M} 47'36		minimum elong	-4478 Sep 29 j 20:44	3° \mathcal{M} 15'12	0°03'50
asc. node	-4479 Oct 12 j 19:16	23° \mathcal{M} 14'38		transit middle	-4478 Sep 29 j 20:44	3° \mathcal{M} 15'12	0°03'50
inferior conj	-4479 Oct 15 j 14:18	19° \mathcal{M} 35'03	0°56'41	transit begin	-4478 Sep 29 j 18:06	3° \mathcal{M} 24'15	
minimum elong	-4479 Oct 15 j 13:01	19° \mathcal{M} 39'28	0°56'11	transit end	-4478 Sep 29 j 23:21	3° \mathcal{M} 06'09	
min. Earth dist.	-4479 Oct 15 j 21:59	19° \mathcal{M} 08'35	0.67215 AU	asc. node	-4478 Sep 29 j 16:24	3° \mathcal{M} 30'08	
morning rise	-4479 Oct 20 j 19:59	13° \mathcal{M} 19'14		min. Earth dist.	-4478 Sep 29 j 18:13	3° \mathcal{M} 23'52	0.67408 AU
direct	-4479 Oct 25 j 20:54	11° \mathcal{M} 10'59			-4478 Oct 02 j 07:18	30° \mathcal{R} 8	
morning max el	-4479 Nov 05 j 07:03	17° \mathcal{M} 24'45	23°27'32	morning rise	-4478 Oct 05 j 03:45	27° \mathcal{Q} 01'21	
	-4479 Nov 15 j 17:42	0° \mathcal{L}		direct	-4478 Oct 09 j 14:15	25° \mathcal{Q} 14'29	
desc. node	-4479 Nov 24 j 15:17	12° \mathcal{L} 35'17			-4478 Oct 18 j 02:12	0° \mathcal{M}	
	-4479 Dec 05 j 21:10	0° \mathcal{M}		morning max el	-4478 Oct 18 j 19:49	0° \mathcal{M} 43'47	22°02'25
morning set	-4479 Dec 10 j 06:55	7° \mathcal{M} 16'26			-4478 Nov 09 j 15:18	0° \mathcal{L}	
max. Earth dist.	-4479 Dec 14 j 13:28	14° \mathcal{M} 35'37	1.39276 AU	desc. node	-4478 Nov 11 j 12:13	2° \mathcal{L} 49'48	
				morning set	-4478 Nov 20 j 08:55	16° \mathcal{L} 39'54	
superior conj	-4479 Dec 22 j 02:30	28° \mathcal{M} 12'20	-1°53'18	max. Earth dist.	-4478 Nov 26 j 12:43	26° \mathcal{L} 44'27	1.41313 AU
minimum elong	-4479 Dec 22 j 03:14	28° \mathcal{M} 15'44	1°53'28		-4478 Nov 28 j 11:13	0° \mathcal{M}	
	-4479 Dec 23 j 01:32	0° \mathcal{J}					
evening rise	-4479 Dec 31 j 08:06	15° \mathcal{J} 52'00		superior conj	-4478 Dec 04 j 05:14	9° \mathcal{M} 56'47	-1°50'44
	-4478 Jan 07 j 22:11	0° \mathcal{S}		minimum elong	-4478 Dec 04 j 02:50	9° \mathcal{M} 46'12	1°50'46
asc. node	-4478 Jan 08 j 18:08	1° \mathcal{S} 25'04		evening rise	-4478 Dec 14 j 15:51	28° \mathcal{M} 57'48	
evening max el	-4478 Jan 16 j 16:37	12° \mathcal{S} 11'59	18°38'20		-4478 Dec 15 j 05:16	0° \mathcal{J}	
retrograde	-4478 Jan 24 j 12:45	16° \mathcal{S} 00'20		asc. node	-4478 Dec 26 j 15:13	19° \mathcal{J} 41'49	
evening set	-4478 Jan 27 j 00:28	15° \mathcal{S} 38'44		evening max el	-4478 Dec 31 j 00:12	25° \mathcal{J} 03'28	18°13'29
inferior conj	-4478 Feb 03 j 14:24	11° \mathcal{S} 12'19	3°44'08	retrograde	-4477 Jan 07 j 00:27	28° \mathcal{J} 35'13	
minimum elong	-4478 Feb 03 j 17:41	11° \mathcal{S} 06'01	3°43'28	evening set	-4477 Jan 09 j 15:02	28° \mathcal{J} 06'50	
min. Earth dist.	-4478 Feb 06 j 22:53	8° \mathcal{S} 39'10	0.58288 AU	inferior conj	-4477 Jan 16 j 14:22	23° \mathcal{J} 18'35	4°03'59
morning rise	-4478 Feb 11 j 08:31	5° \mathcal{S} 55'25		minimum elong	-4477 Jan 16 j 14:46	23° \mathcal{J} 17'42	4°03'45
direct	-4478 Feb 17 j 06:34	4° \mathcal{S} 27'56		min. Earth dist.	-4477 Jan 19 j 20:39	20° \mathcal{J} 25'44	0.60277 AU
desc. node	-4478 Feb 20 j 14:45	4° \mathcal{S} 55'26		morning rise	-4477 Jan 23 j 12:55	17° \mathcal{J} 42'12	
morning max el	-4478 Mar 03 j 12:34	11° \mathcal{S} 57'08	26°19'21	direct	-4477 Jan 30 j 06:42	15° \mathcal{J} 36'25	
	-4478 Mar 17 j 13:53	0° \approx		desc. node	-4477 Feb 07 j 11:50	18° \mathcal{J} 23'35	
morning set	-4478 Apr 01 j 09:07	27° \approx 18'22		morning max el	-4477 Feb 13 j 10:20	23° \mathcal{J} 14'14	27°17'59
	-4478 Apr 02 j 15:46	0° \mathcal{H}			-4477 Feb 19 j 12:21	0° \mathcal{S}	
asc. node	-4478 Apr 06 j 17:39	8° \mathcal{H} 48'31			-4477 Mar 10 j 14:47	0° \approx	
				morning set	-4477 Mar 16 j 17:56	12° \approx 09'10	
superior conj	-4478 Apr 08 j 09:31	12° \mathcal{H} 26'25	0°17'13				
minimum elong	-4478 Apr 08 j 08:45	12° \mathcal{H} 22'18	0°17'00	superior conj	-4477 Mar 23 j 21:10	27° \approx 26'42	-0°07'35
max. Earth dist.	-4478 Apr 08 j 17:17	13° \mathcal{H} 08'54	1.32673 AU	minimum elong	-4477 Mar 23 j 21:31	27° \approx 28'35	0°07'38
evening rise	-4478 Apr 15 j 10:41	27° \mathcal{H} 34'43		behind sun begin	-4477 Mar 23 j 17:05	27° \approx 04'24	
	-4478 Apr 16 j 14:52	0° \mathcal{Y}		behind sun end	-4477 Mar 24 j 01:56	27° \approx 52'47	
	-4478 May 03 j 16:16	0° \mathcal{B}		max. Earth dist.	-4477 Mar 23 j 06:42	26° \approx 07'42	1.32603 AU
evening max el	-4478 May 15 j 15:12	14° \mathcal{B} 35'04	26°46'29	asc. node	-4477 Mar 24 j 14:38	29° \approx 02'14	
desc. node	-4478 May 19 j 13:20	17° \mathcal{B} 55'37			-4477 Mar 25 j 01:12	0° \mathcal{H}	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening rise	-4477 Mar 30 j 20:31	12° X 30'43		asc. node	-4476 Mar 10 j 11:36	19° \approx 13'08	
	-4477 Apr 08 j 19:26	0° Y		evening rise	-4476 Mar 14 j 07:58	27° \approx 27'59	
evening max el	-4477 Apr 27 j 12:40	26° Y 01'34	25°41'58		-4476 Mar 15 j 13:03	0° X	
	-4477 May 02 j 08:57	0° Z			-4476 Apr 02 j 02:12	0° Y	
desc. node	-4477 May 06 j 10:29	2° Z 11'54		evening max el	-4476 Apr 08 j 05:11	6° Y 54'16	24°15'51
retrograde	-4477 May 11 j 14:44	3° Z 15'10		retrograde	-4476 Apr 22 j 01:47	13° Y 52'11	
evening set	-4477 May 17 j 06:56	1° Z 58'16		desc. node	-4476 Apr 22 j 07:38	13° Y 52'03	
	-4477 May 20 j 20:30	30° R Y		evening set	-4476 Apr 26 j 10:47	13° Y 09'20	
min. Earth dist.	-4477 May 22 j 01:10	29° Y 11'52	0.58402 AU	min. Earth dist.	-4476 May 02 j 17:00	10° Y 04'59	0.56638 AU
inferior conj	-4477 May 25 j 07:53	26° Y 49'57	-4°01'27	inferior conj	-4476 May 05 j 06:59	8° Y 27'28	-3°11'17
minimum elong	-4477 May 25 j 04:41	26° Y 55'46	4°01'00	minimum elong	-4476 May 05 j 01:18	8° Y 36'27	3°09'56
morning rise	-4477 Jun 02 j 05:11	22° Y 28'00		morning rise	-4476 May 13 j 18:57	4° Y 23'18	
direct	-4477 Jun 04 j 17:00	22° Y 07'59		direct	-4476 May 16 j 05:59	4° Y 07'02	
morning max el	-4477 Jun 12 j 21:35	25° Y 59'58	18°43'14	morning max el	-4476 May 25 j 19:55	8° Y 34'02	19°36'47
	-4477 Jun 16 j 10:48	0° Z		asc. node	-4476 Jun 06 j 11:22	25° Y 07'16	
asc. node	-4477 Jun 20 j 14:22	6° Z 08'23			-4476 Jun 09 j 01:39	0° Z	
morning set	-4477 Jun 29 j 07:06	22° Z 05'05		morning set	-4476 Jun 12 j 07:29	6° Z 23'36	
	-4477 Jul 03 j 08:40	0° II					
superior conj	-4477 Jul 08 j 02:14	9° II 04'06	1°49'15	superior conj	-4476 Jun 20 j 09:25	22° Z 35'57	1°43'49
minimum elong	-4477 Jul 08 j 02:00	9° II 03'02	1°49'28	minimum elong	-4476 Jun 20 j 07:32	22° Z 26'40	1°43'52
max. Earth dist.	-4477 Jul 15 j 02:38	21° II 54'06	1.39314 AU		-4476 Jun 24 j 04:58	0° II	
evening rise	-4477 Jul 19 j 04:49	29° II 00'07		max. Earth dist.	-4476 Jun 26 j 04:55	3° II 46'07	1.37407 AU
	-4477 Jul 19 j 18:56	0° III		evening rise	-4476 Jun 30 j 01:58	10° II 51'21	
desc. node	-4477 Aug 02 j 09:18	21° III 36'33			-4476 Jul 11 j 11:22	0° III	
	-4477 Aug 08 j 04:12	0° II		desc. node	-4476 Jul 19 j 06:19	11° III 44'08	
evening max el	-4477 Aug 23 j 12:59	19° II 04'46	24°04'12		-4476 Aug 02 j 12:06	0° II	
retrograde	-4477 Sep 03 j 11:41	25° II 31'15		evening max el	-4476 Aug 04 j 23:29	2° II 34'01	25°20'46
evening set	-4477 Sep 08 j 19:21	23° II 15'50		retrograde	-4476 Aug 16 j 22:37	9° II 30'13	
min. Earth dist.	-4477 Sep 13 j 14:02	17° II 41'31	0.67299 AU	evening set	-4476 Aug 22 j 21:18	6° II 57'11	
inferior conj	-4477 Sep 14 j 03:01	16° II 57'31	-0°49'33	min. Earth dist.	-4476 Aug 27 j 07:02	1° II 59'16	0.66873 AU
minimum elong	-4477 Sep 14 j 04:10	16° II 53'37	0°48'55	inferior conj	-4476 Aug 28 j 07:08	0° II 40'41	-1°41'41
asc. node	-4477 Sep 16 j 13:31	13° II 46'55		minimum elong	-4476 Aug 28 j 09:27	0° II 33'08	1°40'35
morning rise	-4477 Sep 19 j 12:56	10° II 49'20			-4476 Aug 28 j 19:39	30° R III	
direct	-4477 Sep 23 j 10:32	9° II 22'45		asc. node	-4476 Sep 02 j 10:39	25° III 00'29	
morning max el	-4477 Oct 01 j 14:59	14° II 10'54	20°44'49	morning rise	-4476 Sep 02 j 21:41	24° III 40'55	
	-4477 Oct 13 j 21:17	0° III		direct	-4476 Sep 06 j 08:27	23° III 31'59	
desc. node	-4477 Oct 29 j 09:08	23° III 17'55		morning max el	-4476 Sep 13 j 17:24	27° III 46'32	19°39'15
morning set	-4477 Oct 30 j 12:11	25° III 02'58			-4476 Sep 15 j 17:49	0° II	
	-4477 Nov 02 j 16:05	0° III			-4476 Oct 06 j 07:50	0° III	
max. Earth dist.	-4477 Nov 08 j 19:31	9° III 48'18	1.43052 AU	morning set	-4476 Oct 08 j 12:21	3° III 23'51	
				desc. node	-4476 Oct 15 j 06:01	13° III 54'36	
superior conj	-4477 Nov 15 j 07:07	20° III 28'36	-1°33'48	max. Earth dist.	-4476 Oct 21 j 08:38	23° III 32'41	1.44259 AU
minimum elong	-4477 Nov 15 j 01:15	20° III 04'07	1°33'24				
	-4477 Nov 20 j 21:28	0° III		superior conj	-4476 Oct 25 j 05:17	29° III 42'24	-1°00'21
evening rise	-4477 Nov 27 j 08:50	11° III 20'08		minimum elong	-4476 Oct 24 j 22:48	29° III 16'25	0°59'35
	-4477 Dec 08 j 06:11	0° IV			-4476 Oct 25 j 09:40	0° III	
asc. node	-4477 Dec 13 j 12:18	7° IV 10'05		evening rise	-4476 Nov 08 j 06:17	22° III 48'29	
evening max el	-4477 Dec 14 j 11:44	8° IV 12'22	18°08'20		-4476 Nov 12 j 12:49	0° III	
retrograde	-4477 Dec 21 j 02:30	11° IV 40'57		evening max el	-4476 Nov 27 j 00:25	21° III 31'40	18°22'12
evening set	-4477 Dec 23 j 19:57	11° IV 04'54		asc. node	-4476 Nov 29 j 09:24	23° III 35'40	
inferior conj	-4477 Dec 30 j 07:28	5° IV 55'18	3°57'59	retrograde	-4476 Dec 03 j 14:16	25° III 07'50	
minimum elong	-4477 Dec 30 j 05:37	5° IV 59'58	3°57'36	evening set	-4476 Dec 06 j 11:39	24° III 22'49	
min. Earth dist.	-4476 Jan 02 j 02:43	3° IV 05'32	0.62223 AU	inferior conj	-4476 Dec 12 j 13:50	18° III 54'08	3°34'15
morning rise	-4476 Jan 05 j 14:22	0° IV 04'49		minimum elong	-4476 Dec 12 j 10:51	19° III 02'34	3°33'31
	-4476 Jan 05 j 17:02	30° R III		min. Earth dist.	-4476 Dec 14 j 18:49	16° III 24'43	0.63921 AU
direct	-4476 Jan 12 j 15:52	27° III 30'00		morning rise	-4476 Dec 18 j 09:28	12° III 53'20	
	-4476 Jan 20 j 04:34	0° IV		direct	-4476 Dec 25 j 08:46	10° III 03'53	
desc. node	-4476 Jan 25 j 08:54	4° IV 02'17		morning max el	-4475 Jan 07 j 22:47	17° III 46'33	27°29'38
morning max el	-4476 Jan 26 j 14:26	5° IV 12'32	27°41'45	desc. node	-4475 Jan 11 j 05:55	21° III 15'50	
	-4476 Feb 14 j 07:05	0° V			-4475 Jan 18 j 06:41	0° IV	
morning set	-4476 Feb 28 j 22:02	26° V 42'57			-4475 Feb 06 j 02:09	0° V	
	-4476 Mar 01 j 12:25	0° \approx		morning set	-4475 Feb 11 j 18:50	10° V 51'06	
max. Earth dist.	-4476 Mar 05 j 17:15	8° \approx 53'18	1.32882 AU	max. Earth dist.	-4475 Feb 16 j 20:53	21° V 12'30	1.33545 AU
superior conj	-4476 Mar 07 j 07:26	12° \approx 19'35	-0°32'29	superior conj	-4475 Feb 19 j 14:34	26° V 59'14	-0°56'34
minimum elong	-4476 Mar 07 j 08:52	12° \approx 27'24	0°32'22	minimum elong	-4475 Feb 19 j 16:57	27° V 11'58	0°56'20
					-4475 Feb 21 j 00:24	0° \approx	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4475 Feb 25 j 08:36	9° \approx 17'18		minimum elong	-4474 Feb 03 j 19:25	11° \approx 33'55	1°18'24
evening rise	-4475 Feb 26 j 19:18	12° \approx 20'24		evening rise	-4474 Feb 11 j 04:42	27° \approx 01'25	
	-4475 Mar 07 j 21:58	0° \approx		asc. node	-4474 Feb 12 j 05:37	29° \approx 09'45	
evening max el	-4475 Mar 20 j 22:03	17° \approx 37'48	22°41'45		-4474 Feb 12 j 15:27	0° \approx	
retrograde	-4475 Apr 03 j 00:40	24° \approx 02'48		evening max el	-4474 Mar 02 j 21:25	28° \approx 38'17	21°12'45
evening set	-4475 Apr 06 j 04:20	23° \approx 40'59			-4474 Mar 04 j 10:08	0° \approx	
desc. node	-4475 Apr 09 j 04:47	22° \approx 42'46		retrograde	-4474 Mar 14 j 14:42	4° \approx 14'10	
min. Earth dist.	-4475 Apr 14 j 07:29	20° \approx 06'44	0.55480 AU	evening set	-4474 Mar 17 j 02:00	4° \approx 00'07	
inferior conj	-4475 Apr 15 j 11:56	19° \approx 25'54	-1°41'47	inferior conj	-4474 Mar 26 j 07:33	0° \approx 01'09	0°12'42
minimum elong	-4475 Apr 15 j 07:33	19° \approx 32'11	1°40'26	minimum elong	-4474 Mar 26 j 08:08	0° \approx 00'19	0°12'22
morning rise	-4475 Apr 24 j 12:49	15° \approx 28'31		transit middle	-4474 Mar 26 j 08:08	0° \approx 00'19	0°12'22
direct	-4475 Apr 27 j 01:40	15° \approx 13'29		transit begin	-4474 Mar 26 j 05:35	0° \approx 03'57	
morning max el	-4475 May 08 j 07:59	20° \approx 29'37	20°50'02	transit end	-4474 Mar 26 j 10:41	29° \approx 56'42	
	-4475 May 16 j 01:38	0° \approx			-4474 Mar 26 j 08:22	30° \approx	
asc. node	-4475 May 24 j 08:21	14° \approx 34'00		min. Earth dist.	-4474 Mar 26 j 21:49	29° \approx 40'56	0.55197 AU
morning set	-4475 May 27 j 13:51	21° \approx 03'24		desc. node	-4474 Mar 27 j 01:56	29° \approx 35'06	
	-4475 May 31 j 21:34	0° \approx		morning rise	-4474 Apr 04 j 13:53	25° \approx 53'32	
				direct	-4474 Apr 07 j 13:57	25° \approx 33'46	
superior conj	-4475 Jun 04 j 03:57	6° \approx 44'33	1°31'36		-4474 Apr 18 j 09:57	0° \approx	
minimum elong	-4475 Jun 04 j 01:19	6° \approx 31'06	1°31'26	morning max el	-4474 Apr 20 j 09:12	1° \approx 43'20	22°19'46
max. Earth dist.	-4475 Jun 08 j 13:05	15° \approx 32'58	1.35739 AU		-4474 May 09 j 02:01	0° \approx	
evening rise	-4475 Jun 12 j 19:45	23° \approx 46'16		asc. node	-4474 May 11 j 05:20	4° \approx 20'30	
	-4475 Jun 16 j 05:12	0° \approx		morning set	-4474 May 11 j 23:57	5° \approx 56'56	
	-4475 Jul 05 j 01:44	0° \approx					
desc. node	-4475 Jul 06 j 03:23	1° \approx 28'05		superior conj	-4474 May 19 j 06:14	21° \approx 17'57	1°14'31
evening max el	-4475 Jul 18 j 10:20	16° \approx 04'13	26°24'58	minimum elong	-4474 May 19 j 03:35	21° \approx 03'58	1°14'11
retrograde	-4475 Jul 31 j 04:54	23° \approx 19'17		max. Earth dist.	-4474 May 22 j 07:05	27° \approx 37'53	1.34421 AU
evening set	-4475 Aug 06 j 17:21	20° \approx 34'15			-4474 May 23 j 10:50	0° \approx	
min. Earth dist.	-4475 Aug 10 j 19:00	16° \approx 14'29	0.66103 AU	evening rise	-4474 May 27 j 04:46	7° \approx 28'22	
inferior conj	-4475 Aug 12 j 07:22	14° \approx 22'45	-2°30'45		-4474 Jun 08 j 19:00	0° \approx	
minimum elong	-4475 Aug 12 j 10:36	14° \approx 12'48	2°29'26	desc. node	-4474 Jun 23 j 00:31	20° \approx 13'17	
morning rise	-4475 Aug 18 j 04:06	8° \approx 34'22		evening max el	-4474 Jun 30 j 21:46	29° \approx 12'06	27°08'51
asc. node	-4475 Aug 20 j 07:45	7° \approx 44'51			-4474 Jul 01 j 11:35	0° \approx	
direct	-4475 Aug 21 j 06:22	7° \approx 39'49		retrograde	-4474 Jul 14 j 05:54	6° \approx 50'14	
morning max el	-4475 Aug 28 j 02:07	11° \approx 29'17	18°48'35	evening set	-4474 Jul 21 j 04:49	4° \approx 02'30	
	-4475 Sep 10 j 07:33	0° \approx		min. Earth dist.	-4474 Jul 24 j 23:35	0° \approx 20'18	0.64956 AU
morning set	-4475 Sep 18 j 07:04	12° \approx 04'21			-4474 Jul 25 j 06:52	30° \approx 11'11	
	-4475 Sep 29 j 04:43	0° \approx		inferior conj	-4474 Jul 27 j 01:28	27° \approx 15'05	-3°14'31
desc. node	-4475 Oct 02 j 02:55	4° \approx 36'44		minimum elong	-4474 Jul 27 j 05:08	27° \approx 14'39	3°13'20
				morning rise	-4474 Aug 02 j 05:56	22° \approx 12'51	
superior conj	-4475 Oct 04 j 07:29	8° \approx 03'50	-0°13'49	direct	-4474 Aug 05 j 02:04	21° \approx 14'57	
minimum elong	-4475 Oct 04 j 05:40	7° \approx 56'43	0°13'28	asc. node	-4474 Aug 07 j 04:50	22° \approx 10'51	
behind sun begin	-4475 Oct 03 j 23:08	7° \approx 30'58		morning max el	-4474 Aug 11 j 15:05	25° \approx 14'39	18°14'33
behind sun end	-4475 Oct 04 j 12:12	8° \approx 22'29			-4474 Aug 15 j 13:53	0° \approx	
max. Earth dist.	-4475 Oct 04 j 01:27	7° \approx 40'04	1.44795 AU	morning set	-4474 Aug 30 j 05:03	23° \approx 19'56	
	-4475 Oct 18 j 03:26	0° \approx			-4474 Sep 03 j 05:40	0° \approx	
evening rise	-4475 Oct 20 j 03:52	3° \approx 14'10					
	-4475 Nov 06 j 09:27	0° \approx		superior conj	-4474 Sep 13 j 10:09	16° \approx 31'15	0°34'48
evening max el	-4475 Nov 10 j 11:42	4° \approx 56'40	18°53'57	minimum elong	-4474 Sep 13 j 14:16	16° \approx 47'40	0°34'25
asc. node	-4475 Nov 16 j 06:32	8° \approx 43'09		max. Earth dist.	-4474 Sep 16 j 19:18	21° \approx 05'41	1.44603 AU
retrograde	-4475 Nov 17 j 07:56	8° \approx 49'26		desc. node	-4474 Sep 18 j 23:52	25° \approx 02'12	
evening set	-4475 Nov 20 j 11:01	7° \approx 53'23			-4474 Sep 21 j 22:50	0° \approx	
inferior conj	-4475 Nov 26 j 05:58	2° \approx 08'24	2°58'38	evening rise	-4474 Sep 30 j 00:52	12° \approx 37'12	
minimum elong	-4475 Nov 26 j 02:46	2° \approx 18'15	2°57'38		-4474 Oct 11 j 07:01	0° \approx	
	-4475 Nov 27 j 23:49	30° \approx 11'11		greatest brilliancy	-4474 Oct 12 j 04:40	1° \approx 22'03	-0.7m
min. Earth dist.	-4475 Nov 27 j 20:35	0° \approx 09'46	0.65287 AU	evening max el	-4474 Oct 24 j 19:17	18° \approx 23'59	19°42'00
morning rise	-4475 Dec 01 j 18:09	26° \approx 00'13		retrograde	-4474 Nov 01 j 04:30	22° \approx 41'30	
direct	-4475 Dec 08 j 08:18	23° \approx 10'37		asc. node	-4474 Nov 03 j 03:40	22° \approx 19'05	
	-4475 Dec 20 j 14:27	0° \approx		evening set	-4474 Nov 04 j 15:25	21° \approx 31'50	
morning max el	-4475 Dec 21 j 08:26	0° \approx 44'00	26°46'01	inferior conj	-4474 Nov 10 j 04:58	15° \approx 33'34	2°15'05
desc. node	-4475 Dec 29 j 02:54	9° \approx 36'28		minimum elong	-4474 Nov 10 j 02:12	15° \approx 42'36	2°14'05
	-4474 Jan 12 j 06:46	0° \approx		min. Earth dist.	-4474 Nov 11 j 06:27	14° \approx 10'19	0.66298 AU
morning set	-4474 Jan 26 j 04:53	24° \approx 22'04		morning rise	-4474 Nov 15 j 12:45	9° \approx 20'32	
	-4474 Jan 29 j 02:33	0° \approx		direct	-4474 Nov 21 j 13:36	6° \approx 42'13	
max. Earth dist.	-4474 Jan 30 j 13:59	2° \approx 56'03	1.34643 AU	morning max el	-4474 Dec 03 j 17:34	13° \approx 53'29	25°38'47
				desc. node	-4474 Dec 15 j 23:52	28° \approx 44'25	
superior conj	-4474 Feb 03 j 16:26	11° \approx 18'25	-1°18'36		-4474 Dec 16 j 21:46	0° \approx	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4473 Jan 05 j 01:00	0°♊		morning set	-4473 Dec 21 j 21:09	18°♌34'39	
morning set	-4473 Jan 08 j 23:37	7°♊02'12		max. Earth dist.	-4473 Dec 25 j 17:08	25°♌20'44	1.38100 AU
max. Earth dist.	-4473 Jan 12 j 19:34	14°♊10'25	1.36190 AU		-4473 Dec 28 j 06:28	0°♊	
superior conj	-4473 Jan 18 j 10:23	25°♊09'06	-1°37'02	superior conj	-4472 Jan 01 j 16:52	8°♊20'21	-1°49'43
minimum elong	-4473 Jan 18 j 13:21	25°♊23'54	1°36'58	minimum elong	-4472 Jan 01 j 18:47	8°♊29'34	1°49'49
	-4473 Jan 20 j 20:03	0°♋		evening rise	-4472 Jan 10 j 09:39	25°♊23'57	
evening rise	-4473 Jan 26 j 10:16	11°♋25'02			-4472 Jan 12 j 18:01	0°♋	
asc. node	-4473 Jan 30 j 02:40	18°♋45'16		asc. node	-4472 Jan 16 j 23:43	7°♋56'46	
	-4473 Feb 05 j 09:20	0°♌		evening max el	-4472 Jan 27 j 02:19	22°♋19'23	19°01'30
evening max el	-4473 Feb 13 j 06:48	10°♌11'31	19°57'50	retrograde	-4472 Feb 04 j 14:51	26°♋24'21	
retrograde	-4473 Feb 23 j 07:25	14°♌56'30		evening set	-4472 Feb 07 j 00:52	26°♋06'02	
evening set	-4473 Feb 25 j 15:26	14°♌42'13		inferior conj	-4472 Feb 15 j 00:13	21°♋50'29	3°17'28
inferior conj	-4473 Mar 06 j 07:50	10°♌41'27	2°00'56	minimum elong	-4472 Feb 15 j 04:50	21°♋42'20	3°16'20
minimum elong	-4473 Mar 06 j 12:26	10°♌34'24	1°59'23	min. Earth dist.	-4472 Feb 18 j 03:11	19°♋39'32	0.57253 AU
min. Earth dist.	-4473 Mar 08 j 12:01	9°♌21'47	0.55845 AU	morning rise	-4472 Feb 23 j 06:15	16°♋48'17	
desc. node	-4473 Mar 13 j 23:04	6°♌35'39		direct	-4472 Feb 28 j 12:14	15°♋43'11	
morning rise	-4473 Mar 15 j 07:16	6°♌08'53		desc. node	-4472 Feb 28 j 20:11	15°♋43'27	
direct	-4473 Mar 19 j 07:16	5°♌33'32		morning max el	-4472 Mar 13 j 17:18	23°♋02'40	25°32'55
morning max el	-4473 Apr 02 j 02:20	12°♌26'08	23°58'20		-4472 Mar 19 j 22:23	0°♌	
	-4473 Apr 15 j 10:46	0°♍			-4472 Apr 07 j 01:51	0°♍	
morning set	-4473 Apr 26 j 11:56	20°♍58'15		morning set	-4472 Apr 10 j 00:05	6°♍01'09	
asc. node	-4473 Apr 28 j 02:19	24°♍21'06		asc. node	-4472 Apr 13 j 23:18	14°♍30'36	
	-4473 Apr 30 j 17:28	0°♎					
superior conj	-4473 May 03 j 13:40	6°♎07'56	0°53'58	superior conj	-4472 Apr 17 j 00:08	21°♍07'20	0°31'05
minimum elong	-4473 May 03 j 11:30	5°♎56'17	0°53'35	minimum elong	-4472 Apr 16 j 22:48	21°♍00'04	0°30'46
max. Earth dist.	-4473 May 05 j 10:43	10°♎09'13	1.33471 AU	max. Earth dist.	-4472 Apr 17 j 21:02	23°♍01'03	1.32867 AU
evening rise	-4473 May 11 j 00:35	21°♎44'12			-4472 Apr 21 j 02:46	0°♎	
	-4473 May 15 j 06:05	0°♏		evening rise	-4472 Apr 24 j 03:49	6°♎22'48	
	-4473 Jun 02 j 16:11	0°♐			-4472 May 06 j 19:53	0°♏	
desc. node	-4473 Jun 09 j 21:39	8°♐56'56		evening max el	-4472 May 25 j 14:47	25°♏01'27	27°10'05
evening max el	-4473 Jun 13 j 08:08	12°♐30'28	27°25'24	desc. node	-4472 May 26 j 18:47	26°♏06'24	
retrograde	-4473 Jun 27 j 00:52	19°♐54'43			-4472 May 31 j 22:28	0°♐	
evening set	-4473 Jul 04 j 04:26	17°♐16'31		retrograde	-4472 Jun 08 j 13:13	2°♐24'16	
min. Earth dist.	-4473 Jul 07 j 18:53	14°♐07'07	0.63433 AU	evening set	-4472 Jun 15 j 12:20	0°♐09'31	
inferior conj	-4473 Jul 10 j 10:46	11°♐24'06	-3°49'50		-4472 Jun 15 j 18:14	30°♑♏	
minimum elong	-4473 Jul 10 j 14:04	11°♐15'38	3°49'04	min. Earth dist.	-4472 Jun 19 j 04:11	27°♏21'56	0.61581 AU
morning rise	-4473 Jul 17 j 00:34	6°♐08'09		inferior conj	-4472 Jun 22 j 08:08	24°♏30'48	-4°11'56
direct	-4473 Jul 19 j 16:39	5°♐33'23		minimum elong	-4472 Jun 22 j 09:51	24°♏26'53	4°11'39
asc. node	-4473 Jul 25 j 01:55	7°♐53'45		morning rise	-4472 Jun 29 j 08:53	19°♏35'26	
morning max el	-4473 Jul 26 j 05:49	8°♐57'48	17°58'10	direct	-4472 Jul 01 j 22:35	19°♏07'24	
	-4473 Aug 09 j 05:11	0°♑		morning max el	-4472 Jul 08 j 19:42	22°♏33'08	18°00'19
morning set	-4473 Aug 12 j 04:01	5°♑08'49		asc. node	-4472 Jul 10 j 22:58	24°♏53'36	
					-4472 Jul 14 j 15:25	0°♒	
superior conj	-4473 Aug 24 j 09:23	26°♑00'35	1°13'40	morning set	-4472 Jul 24 j 22:40	17°♒54'42	
minimum elong	-4473 Aug 24 j 15:15	26°♑24'52	1°13'15		-4472 Jul 31 j 14:43	0°♑	
	-4473 Aug 26 j 19:33	0°♓		superior conj	-4472 Aug 04 j 12:23	6°♑53'00	1°37'54
max. Earth dist.	-4473 Aug 30 j 11:10	5°♓55'15	1.43716 AU	minimum elong	-4472 Aug 04 j 16:20	7°♑10'12	1°37'51
desc. node	-4473 Sep 05 j 20:51	16°♓04'34		max. Earth dist.	-4472 Aug 11 j 21:54	19°♑25'45	1.42255 AU
evening rise	-4473 Sep 09 j 05:56	21°♓20'08			-4472 Aug 18 j 10:41	0°♓	
	-4473 Sep 14 j 21:30	0°♐		evening rise	-4472 Aug 18 j 14:01	0°♓13'14	
	-4473 Oct 06 j 04:32	0°♑		desc. node	-4472 Aug 22 j 17:50	6°♓43'49	
evening max el	-4473 Oct 07 j 21:17	1°♑50'26	20°44'19		-4472 Sep 07 j 12:02	0°♐	
retrograde	-4473 Oct 16 j 01:38	6°♑40'13		evening max el	-4472 Sep 19 j 16:55	15°♐15'34	21°57'45
evening set	-4473 Oct 19 j 22:36	5°♑14'16		retrograde	-4472 Sep 28 j 21:33	20°♐43'18	
asc. node	-4473 Oct 21 j 00:49	4°♑18'58		evening set	-4472 Oct 03 j 06:39	18°♐58'50	
	-4473 Oct 24 j 16:26	30°♑♐		asc. node	-4472 Oct 06 j 21:57	15°♐00'56	
inferior conj	-4473 Oct 25 j 08:26	29°♐05'53	1°26'18	inferior conj	-4472 Oct 08 j 14:21	12°♐43'44	0°34'24
minimum elong	-4473 Oct 25 j 06:31	29°♐12'20	1°25'34	minimum elong	-4472 Oct 08 j 13:34	12°♐46'28	0°34'08
min. Earth dist.	-4473 Oct 25 j 22:12	28°♐19'06	0.66971 AU	min. Earth dist.	-4472 Oct 08 j 17:32	12°♐32'46	0.67331 AU
morning rise	-4473 Oct 30 j 14:17	22°♐50'29		morning rise	-4472 Oct 13 j 20:21	6°♐28'39	
direct	-4473 Nov 04 j 23:58	20°♐30'27		direct	-4472 Oct 18 j 14:54	4°♐29'47	
morning max el	-4473 Nov 16 j 02:19	27°♐07'26	24°17'14	morning max el	-4472 Oct 28 j 12:51	10°♐24'43	22°50'54
	-4473 Nov 18 j 18:55	0°♒			-4472 Nov 12 j 22:30	0°♒	
desc. node	-4473 Dec 02 j 20:49	18°♒25'18		desc. node	-4472 Nov 18 j 17:46	8°♒29'52	
	-4473 Dec 10 j 13:50	0°♓		morning set	-4472 Dec 01 j 15:48	28°♒46'26	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4472 Dec 02 j 09:38	0°♌					-4471 Oct 16 j 12:53	0°♍		
max. Earth dist.	-4472 Dec 06 j 13:46	7°♌01'13	1.40163 AU		desc. node		-4471 Nov 05 j 14:43	28°♍50'52		
							-4471 Nov 06 j 08:42	0°♎		
superior conj	-4472 Dec 14 j 07:17	20°♌40'23	-1°53'44		morning set		-4471 Nov 11 j 06:35	7°♎39'28		
minimum elong	-4472 Dec 14 j 06:50	20°♌38'21	1°53'53		max. Earth dist.		-4471 Nov 18 j 15:33	19°♎32'07	1.42096 AU	
	-4472 Dec 19 j 08:00	0°♏					-4471 Nov 24 j 21:11	0°♏		
evening rise	-4472 Dec 24 j 00:06	8°♏51'39								
asc. node	-4471 Jan 02 j 20:47	26°♏36'32			superior conj		-4471 Nov 26 j 00:04	1°♏55'32	-1°45'30	
	-4471 Jan 05 j 03:02	0°♐			minimum elong		-4471 Nov 25 j 20:07	1°♏38'28	1°45'24	
evening max el	-4471 Jan 09 j 06:14	4°♐57'14	18°25'12		evening rise		-4471 Dec 07 j 02:06	21°♏40'19		
retrograde	-4471 Jan 16 j 16:47	8°♐37'09					-4471 Dec 11 j 16:32	0°♑		
evening set	-4471 Jan 19 j 05:35	8°♐12'54			asc. node		-4471 Dec 20 j 17:50	14°♑34'48		
inferior conj	-4471 Jan 26 j 12:58	3°♐37'09	3°56'17		evening max el		-4471 Dec 23 j 15:53	17°♑57'51	18°08'58	
minimum elong	-4471 Jan 26 j 15:01	3°♐32'57	3°55'54		retrograde		-4471 Dec 30 j 11:03	21°♑26'48		
min. Earth dist.	-4471 Jan 29 j 21:55	0°♑52'37	0.59123 AU		evening set		-4470 Jan 02 j 02:42	20°♑55'25		
	-4471 Jan 31 j 01:53	30°♒♏			inferior conj		-4470 Jan 08 j 20:44	15°♑58'15	4°04'02	
morning rise	-4471 Feb 02 j 22:22	28°♏10'45			minimum elong		-4470 Jan 08 j 20:03	15°♑59'52	4°03'48	
direct	-4471 Feb 09 j 05:58	26°♏26'35			min. Earth dist.		-4470 Jan 11 j 23:12	13°♑03'46	0.61121 AU	
desc. node	-4471 Feb 14 j 17:16	27°♏40'48			morning rise		-4470 Jan 15 j 12:03	10°♑15'09		
	-4471 Feb 18 j 17:44	0°♓			direct		-4470 Jan 22 j 10:33	7°♑55'06		
morning max el	-4471 Feb 23 j 11:51	4°♓00'37	26°48'14		desc. node		-4470 Feb 01 j 14:21	12°♑09'34		
	-4471 Mar 14 j 11:24	0°♈			morning max el		-4470 Feb 05 j 12:30	15°♑36'15	27°32'30	
morning set	-4471 Mar 25 j 10:38	20°♈58'48					-4470 Feb 17 j 07:51	0°♉		
	-4471 Mar 29 j 16:08	0°♊					-4470 Mar 06 j 21:30	0°♈		
asc. node	-4471 Mar 31 j 20:16	4°♊44'14			morning set		-4470 Mar 09 j 17:45	5°♈44'22		
					max. Earth dist.		-4470 Mar 15 j 22:52	18°♈56'16	1.32674 AU	
superior conj	-4471 Apr 01 j 11:50	6°♊09'29	0°06'46							
minimum elong	-4471 Apr 01 j 11:33	6°♊07'52	0°06'37		superior conj		-4470 Mar 16 j 23:10	21°♈08'32	-0°18'10	
behind sun begin	-4471 Apr 01 j 06:59	5°♊42'53			minimum elong		-4470 Mar 16 j 23:59	21°♈12'59	0°18'09	
behind sun end	-4471 Apr 01 j 16:06	6°♊32'51			asc. node		-4470 Mar 18 j 17:14	24°♈58'01		
max. Earth dist.	-4471 Apr 01 j 10:18	6°♊01'04	1.32599 AU				-4470 Mar 21 j 00:47	0°♊		
evening rise	-4471 Apr 08 j 11:52	21°♊14'51			evening rise		-4470 Mar 23 j 22:39	6°♊13'05		
	-4471 Apr 12 j 19:34	0°♋					-4470 Apr 05 j 14:03	0°♋		
	-4471 May 01 j 10:47	0°♌			evening max el		-4470 Apr 19 j 10:40	18°♋02'27	25°07'16	
evening max el	-4471 May 07 j 15:38	6°♌51'18	26°22'19		desc. node		-4470 Apr 30 j 13:01	24°♋50'52		
desc. node	-4471 May 13 j 15:55	11°♌36'19			retrograde		-4470 May 03 j 12:01	25°♋11'22		
retrograde	-4471 May 21 j 17:44	14°♌10'30			evening set		-4470 May 08 j 15:11	24°♋10'22		
evening set	-4471 May 28 j 00:29	12°♌31'02			min. Earth dist.		-4470 May 13 j 23:05	21°♋17'31	0.57597 AU	
min. Earth dist.	-4471 Jun 01 j 04:38	9°♌48'58	0.59547 AU		inferior conj		-4470 May 17 j 00:42	19°♋12'23	-3°45'04	
inferior conj	-4471 Jun 04 j 13:51	7°♌09'42	-4°13'34		minimum elong		-4470 May 16 j 20:10	19°♋20'09	3°44'15	
minimum elong	-4471 Jun 04 j 12:40	7°♌12'03	4°13'23		morning rise		-4470 May 25 j 04:11	14°♋58'38		
morning rise	-4471 Jun 12 j 03:15	2°♌36'02			direct		-4470 May 27 j 15:23	14°♋40'31		
direct	-4471 Jun 14 j 15:28	2°♌13'30			morning max el		-4470 Jun 05 j 09:15	18°♋45'59	19°03'27	
morning max el	-4471 Jun 22 j 05:49	5°♌52'12	18°21'49				-4470 Jun 13 j 20:01	0°♌		
asc. node	-4471 Jun 27 j 19:59	12°♌49'34			asc. node		-4470 Jun 14 j 17:00	1°♌29'02		
	-4471 Jul 07 j 14:12	0°♍			morning set		-4470 Jun 22 j 03:42	15°♌27'24		
morning set	-4471 Jul 08 j 07:53	1°♍24'02					-4470 Jun 29 j 12:58	0°♍		
superior conj	-4471 Jul 17 j 16:03	18°♍59'27	1°48'23		superior conj		-4470 Jun 30 j 14:46	2°♍04'38	1°47'55	
minimum elong	-4471 Jul 17 j 17:12	19°♍04'44	1°48'34		minimum elong		-4470 Jun 30 j 13:43	1°♍59'35	1°48'04	
	-4471 Jul 23 j 19:54	0°♎			max. Earth dist.		-4470 Jul 07 j 03:48	14°♍18'10	1.38487 AU	
max. Earth dist.	-4471 Jul 25 j 02:22	2°♎11'48	1.40426 AU		evening rise		-4470 Jul 11 j 01:38	21°♍14'22		
evening rise	-4471 Jul 29 j 18:34	10°♎04'49					-4470 Jul 16 j 05:50	0°♎		
desc. node	-4471 Aug 09 j 14:51	27°♎14'35			desc. node		-4470 Jul 27 j 11:50	17°♎32'15		
	-4471 Aug 11 j 10:49	0°♏					-4470 Aug 05 j 10:05	0°♏		
evening max el	-4471 Sep 02 j 07:06	28°♏40'33	23°17'47		evening max el		-4470 Aug 15 j 18:20	12°♏08'36	24°37'52	
	-4471 Sep 03 j 15:59	0°♐			retrograde		-4470 Aug 27 j 04:09	18°♏49'05		
retrograde	-4471 Sep 12 j 14:45	4°♐47'16			evening set		-4470 Sep 01 j 18:06	16°♏26'01		
evening set	-4471 Sep 17 j 13:45	2°♐43'11			min. Earth dist.		-4470 Sep 06 j 08:58	11°♏06'35	0.67154 AU	
	-4471 Sep 20 j 04:00	30°♒♏			inferior conj		-4470 Sep 07 j 02:28	10°♏08'02	-1°11'57	
inferior conj	-4471 Sep 22 j 20:56	26°♏24'54	-0°18'54		minimum elong		-4470 Sep 07 j 04:08	10°♏02'28	1°11'05	
minimum elong	-4471 Sep 22 j 21:22	26°♏23'25	0°18'35		asc. node		-4470 Sep 10 j 16:13	5°♏44'05		
min. Earth dist.	-4471 Sep 22 j 13:56	26°♏48'57	0.67391 AU		morning rise		-4470 Sep 12 j 14:07	4°♏02'46		
asc. node	-4471 Sep 23 j 19:05	25°♏09'15			direct		-4470 Sep 16 j 06:51	2°♏43'57		
morning rise	-4471 Sep 28 j 04:54	20°♏13'07			morning max el		-4470 Sep 24 j 02:15	7°♏17'02	20°15'10	
direct	-4471 Oct 02 j 09:34	18°♏35'15					-4470 Oct 10 j 20:15	0°♐		
morning max el	-4471 Oct 11 j 04:07	23°♏46'56	21°28'11		morning set		-4470 Oct 21 j 05:24	15°♐52'14		

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

desc. node	-4470 Oct 23 j 11:37	19° \mathbb{M} 22'57		morning max el	-4469 Sep 07 j 07:29	20° \mathfrak{S} 55'48	19°15'45
	-4470 Oct 30 j 05:25	0° \mathfrak{L}			-4469 Sep 14 j 11:34	0° \mathfrak{L}	
max. Earth dist.	-4470 Nov 01 j 00:51	2° \mathfrak{L} 53'28	1.43636 AU	morning set	-4469 Sep 30 j 11:30	24° \mathfrak{L} 32'38	
					-4469 Oct 03 j 23:02	0° \mathbb{M}	
superior conj	-4470 Nov 06 j 14:06	11° \mathfrak{L} 53'44	-1°21'38	desc. node	-4469 Oct 10 j 08:31	10° \mathbb{M} 02'24	
minimum elong	-4470 Nov 06 j 07:24	11° \mathfrak{L} 26'15	1°21'00	max. Earth dist.	-4469 Oct 14 j 16:22	16° \mathbb{M} 51'41	1.44575 AU
	-4470 Nov 17 j 08:15	0° \mathbb{M}					
evening rise	-4470 Nov 19 j 11:19	3° \mathbb{M} 40'27		superior conj	-4469 Oct 17 j 02:01	20° \mathbb{M} 40'01	-0°41'42
	-4470 Dec 06 j 01:25	0° \mathfrak{L}		minimum elong	-4469 Oct 16 j 20:56	20° \mathbb{M} 19'52	0°41'01
evening max el	-4470 Dec 07 j 04:19	1° \mathfrak{L} 12'27	18°12'05		-4469 Oct 22 j 22:11	0° \mathfrak{L}	
asc. node	-4470 Dec 07 j 14:57	1° \mathfrak{L} 38'36		evening rise	-4469 Oct 31 j 23:03	14° \mathfrak{L} 43'07	
retrograde	-4470 Dec 13 j 17:37	4° \mathfrak{L} 42'42			-4469 Nov 10 j 06:35	0° \mathbb{M}	
evening set	-4470 Dec 16 j 12:38	4° \mathfrak{L} 02'59		evening max el	-4469 Nov 20 j 16:47	14° \mathbb{M} 34'58	18°33'38
	-4470 Dec 21 j 15:22	30° $\mathbb{R}\mathbb{M}$		asc. node	-4469 Nov 24 j 12:05	17° \mathbb{M} 33'12	
inferior conj	-4470 Dec 22 j 19:55	28° \mathbb{M} 45'11	3°49'40	retrograde	-4469 Nov 27 j 08:19	18° \mathbb{M} 16'55	
minimum elong	-4470 Dec 22 j 17:27	28° \mathbb{M} 51'43	3°49'09	evening set	-4469 Nov 30 j 08:00	17° \mathbb{M} 27'17	
min. Earth dist.	-4470 Dec 25 j 09:21	26° \mathbb{M} 02'20	0.62982 AU	inferior conj	-4469 Dec 06 j 06:50	11° \mathbb{M} 51'11	3°20'21
morning rise	-4470 Dec 28 j 21:32	22° \mathbb{M} 50'15		minimum elong	-4469 Dec 06 j 03:39	12° \mathbb{M} 00'30	3°19'28
direct	-4469 Jan 04 j 23:23	20° \mathbb{M} 07'07		min. Earth dist.	-4469 Dec 08 j 05:31	9° \mathbb{M} 34'19	0.64544 AU
morning max el	-4469 Jan 18 j 18:28	27° \mathbb{M} 50'12	27°40'49	morning rise	-4469 Dec 11 j 22:54	5° \mathbb{M} 47'10	
desc. node	-4469 Jan 19 j 11:24	28° \mathbb{M} 32'33		direct	-4469 Dec 18 j 19:01	2° \mathbb{M} 56'18	
	-4469 Jan 20 j 20:50	0° \mathfrak{L}		morning max el	-4468 Jan 01 j 03:37	10° \mathbb{M} 35'28	27°14'38
	-4469 Feb 11 j 00:04	0° \mathfrak{Z}		desc. node	-4468 Jan 06 j 08:26	16° \mathbb{M} 17'28	
morning set	-4469 Feb 21 j 19:06	20° \mathfrak{Z} 08'37			-4468 Jan 16 j 13:58	0° \mathfrak{L}	
	-4469 Feb 26 j 13:31	0° \approx			-4468 Feb 03 j 09:27	0° \mathfrak{Z}	
max. Earth dist.	-4469 Feb 27 j 06:50	1° \approx 31'55	1.33116 AU	morning set	-4468 Feb 05 j 11:48	4° \mathfrak{Z} 02'14	
				max. Earth dist.	-4468 Feb 10 j 06:33	13° \mathfrak{Z} 37'22	1.33964 AU
superior conj	-4469 Mar 01 j 08:21	5° \approx 57'06	-0°42'51				
minimum elong	-4469 Mar 01 j 10:13	6° \approx 07'11	0°42'40	superior conj	-4468 Feb 13 j 13:32	20° \mathfrak{Z} 28'55	-1°06'14
asc. node	-4469 Mar 05 j 14:12	15° \approx 06'56		minimum elong	-4468 Feb 13 j 16:14	20° \mathfrak{Z} 43'10	1°06'00
evening rise	-4469 Mar 08 j 10:16	21° \approx 09'34			-4468 Feb 18 j 01:07	0° \approx	
	-4469 Mar 12 j 18:17	0° \mathfrak{H}		asc. node	-4468 Feb 20 j 11:12	5° \approx 06'47	
evening max el	-4469 Apr 01 j 02:47	28° \mathfrak{H} 48'53	23°35'59	evening rise	-4468 Feb 20 j 21:01	5° \approx 58'07	
	-4469 Apr 02 j 09:50	0° \mathbb{Y}			-4468 Mar 05 j 00:36	0° \mathfrak{H}	
retrograde	-4469 Apr 14 j 17:28	5° \mathbb{Y} 34'16		evening max el	-4468 Mar 12 j 21:43	9° \mathfrak{H} 36'31	22°02'31
desc. node	-4469 Apr 17 j 10:10	5° \mathbb{Y} 18'09		retrograde	-4468 Mar 25 j 11:18	15° \mathfrak{H} 41'41	
evening set	-4469 Apr 18 j 12:58	5° \mathbb{Y} 02'21		evening set	-4468 Mar 28 j 06:30	15° \mathfrak{H} 24'17	
min. Earth dist.	-4469 Apr 25 j 14:12	1° \mathbb{Y} 46'51	0.56061 AU	desc. node	-4468 Apr 03 j 07:20	13° \mathfrak{H} 07'06	
inferior conj	-4469 Apr 27 j 15:31	0° \mathbb{Y} 32'49	-2°37'49	min. Earth dist.	-4468 Apr 06 j 04:10	11° \mathfrak{H} 33'12	0.55255 AU
minimum elong	-4469 Apr 27 j 09:49	0° \mathbb{Y} 41'25	2°36'16	inferior conj	-4468 Apr 06 j 14:56	11° \mathfrak{H} 18'01	-0°54'38
	-4469 Apr 28 j 13:26	30° $\mathbb{R}\mathfrak{H}$		minimum elong	-4468 Apr 06 j 12:26	11° \mathfrak{H} 21'33	0°53'52
morning rise	-4469 May 06 j 09:25	26° \mathfrak{H} 32'52		morning rise	-4468 Apr 15 j 19:30	7° \mathfrak{H} 18'52	
direct	-4469 May 08 j 20:45	26° \mathfrak{H} 17'27		direct	-4468 Apr 18 j 11:51	7° \mathfrak{H} 02'43	
	-4469 May 17 j 22:02	0° \mathbb{Y}		morning max el	-4468 Apr 30 j 10:33	12° \mathfrak{H} 41'06	21°26'30
morning max el	-4469 May 19 j 03:18	1° \mathbb{Y} 04'09	20°05'32		-4468 May 13 j 01:09	0° \mathbb{Y}	
asc. node	-4469 Jun 01 j 14:00	20° \mathbb{Y} 40'54		asc. node	-4468 May 18 j 10:58	10° \mathbb{Y} 16'49	
morning set	-4469 Jun 06 j 06:58	29° \mathbb{Y} 56'05		morning set	-4468 May 20 j 15:10	14° \mathbb{Y} 42'41	
	-4469 Jun 06 j 07:44	0° \mathfrak{B}			-4468 May 27 j 22:50	0° \mathfrak{B}	
superior conj	-4469 Jun 14 j 03:16	15° \mathfrak{B} 53'27	1°39'19	superior conj	-4468 May 28 j 01:28	0° \mathfrak{B} 13'41	1°24'50
minimum elong	-4469 Jun 14 j 00:58	15° \mathfrak{B} 41'55	1°39'17	minimum elong	-4468 May 27 j 22:45	29° \mathbb{Y} 59'37	1°24'36
max. Earth dist.	-4469 Jun 19 j 08:11	26° \mathfrak{B} 05'46	1.36669 AU	max. Earth dist.	-4468 May 31 j 20:37	7° \mathfrak{B} 59'33	1.35137 AU
	-4469 Jun 21 j 09:46	0° \mathbb{I}		evening rise	-4468 Jun 05 j 09:08	16° \mathfrak{B} 51'19	
evening rise	-4469 Jun 23 j 08:18	3° \mathbb{I} 34'52			-4468 Jun 12 j 14:20	0° \mathbb{I}	
	-4469 Jul 09 j 05:17	0° \mathfrak{S}		desc. node	-4468 Jun 30 j 05:57	27° \mathbb{I} 01'26	
desc. node	-4469 Jul 14 j 08:52	7° \mathfrak{S} 30'47			-4468 Jul 02 j 13:21	0° \mathfrak{S}	
evening max el	-4469 Jul 29 j 05:04	25° \mathfrak{S} 39'46	25°50'09	evening max el	-4468 Jul 10 j 16:15	9° \mathfrak{S} 08'01	26°46'31
	-4469 Aug 03 j 08:00	0° \mathfrak{L}		retrograde	-4468 Jul 23 j 16:56	16° \mathfrak{S} 27'06	
retrograde	-4469 Aug 10 j 13:00	2° \mathfrak{L} 44'34		evening set	-4468 Jul 30 j 10:33	13° \mathfrak{S} 39'24	
evening set	-4469 Aug 16 j 17:49	0° \mathfrak{L} 05'48		min. Earth dist.	-4468 Aug 03 j 09:03	9° \mathfrak{S} 36'12	0.65666 AU
	-4469 Aug 16 j 20:28	30° $\mathbb{R}\mathfrak{S}$		inferior conj	-4468 Aug 05 j 03:06	7° \mathfrak{S} 31'16	-2°50'07
min. Earth dist.	-4469 Aug 21 j 00:07	25° \mathfrak{S} 23'55	0.66591 AU	minimum elong	-4468 Aug 05 j 06:36	7° \mathfrak{S} 20'51	2°48'50
inferior conj	-4469 Aug 22 j 05:12	23° \mathfrak{S} 51'18	-2°03'00	morning rise	-4468 Aug 11 j 02:58	1° \mathfrak{S} 48'57	
minimum elong	-4469 Aug 22 j 07:56	23° \mathfrak{S} 42'33	2°01'46	direct	-4468 Aug 14 j 02:24	0° \mathfrak{S} 59'28	
morning rise	-4469 Aug 27 j 22:10	17° \mathfrak{S} 55'53		asc. node	-4468 Aug 14 j 10:27	1° \mathfrak{S} 00'05	
asc. node	-4469 Aug 28 j 13:21	17° \mathfrak{S} 34'09		morning max el	-4468 Aug 20 j 18:21	4° \mathfrak{S} 40'24	18°32'03
direct	-4469 Aug 31 j 05:08	16° \mathfrak{S} 53'18			-4468 Sep 07 j 00:25	0° \mathfrak{L}	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning set	-4468 Sep 09 j 17:35	4°Ω24'27		morning max el	-4467 Aug 04 j 08:30	18°Π26'26	18°05'22
					-4467 Aug 12 j 19:40	0°Ϣ	
superior conj	-4468 Sep 25 j 01:22	28°Ω54'58	0°07'24	morning set	-4467 Aug 22 j 02:45	15°Ϣ34'01	
minimum elong	-4468 Sep 25 j 02:21	28°Ω58'50	0°07'24		-4467 Aug 30 j 17:22	0°Ω	
behind sun begin	-4468 Sep 24 j 16:09	28°Ω18'32					
behind sun end	-4468 Sep 25 j 12:33	29°Ω39'06		superior conj	-4467 Sep 04 j 11:06	7°Ω44'21	0°52'56
	-4468 Sep 25 j 17:51	0°൬		minimum elong	-4467 Sep 04 j 16:33	8°Ω06'26	0°52'28
desc. node	-4468 Sep 26 j 05:27	0°൬45'43		max. Earth dist.	-4467 Sep 09 j 03:35	15°Ω15'20	1.44305 AU
max. Earth dist.	-4468 Sep 26 j 10:31	1°൬05'43	1.44802 AU	desc. node	-4467 Sep 13 j 02:25	21°Ω30'10	
evening rise	-4468 Oct 11 j 09:52	24°൬41'16			-4467 Sep 18 j 12:56	0°൬	
	-4468 Oct 14 j 18:32	0°Ω		evening rise	-4467 Sep 20 j 22:19	3°൬42'24	
greatest brilliancy	-4468 Oct 20 j 11:28	8°Ω58'47	-0.8m	greatest brilliancy	-4467 Oct 04 j 12:57	24°൬26'29	-0.6m
evening max el	-4468 Nov 03 j 02:40	28°Ω00'33	19°12'28		-4467 Oct 08 j 08:23	0°Ω	
	-4468 Nov 05 j 06:44	0°൬		evening max el	-4467 Oct 17 j 07:56	11°Ω26'57	20°06'53
retrograde	-4468 Nov 10 j 03:39	2°൬03'08		retrograde	-4467 Oct 25 j 00:47	15°Ω57'52	
asc. node	-4468 Nov 10 j 09:15	2°൬02'49		asc. node	-4467 Oct 28 j 06:24	14°Ω57'05	
evening set	-4468 Nov 13 j 09:49	1°൬01'32		evening set	-4467 Oct 28 j 15:37	14°Ω41'43	
	-4468 Nov 14 j 18:40	30°κΩ		inferior conj	-4467 Nov 03 j 03:22	8°Ω38'38	1°54'53
inferior conj	-4468 Nov 19 j 02:12	25°Ω10'12	2°40'58	minimum elong	-4467 Nov 03 j 00:56	8°Ω46'45	1°53'57
minimum elong	-4468 Nov 18 j 23:08	25°Ω19'57	2°39'55	min. Earth dist.	-4467 Nov 03 j 23:44	7°Ω30'45	0.66622 AU
min. Earth dist.	-4468 Nov 20 j 10:57	23°Ω26'33	0.65755 AU	morning rise	-4467 Nov 08 j 10:01	2°Ω23'57	
morning rise	-4468 Nov 24 j 12:10	18°Ω59'34			-4467 Nov 12 j 21:09	30°κ൬	
direct	-4468 Nov 30 j 20:52	16°Ω13'56		direct	-4467 Nov 14 j 04:25	29°൬52'46	
morning max el	-4468 Dec 13 j 13:26	23°Ω39'40	26°19'54		-4467 Nov 15 j 12:39	0°Ω	
	-4468 Dec 19 j 06:31	0°൬		morning max el	-4467 Nov 25 j 22:20	6°Ω51'39	25°05'12
desc. node	-4468 Dec 23 j 05:25	4°൬59'48		desc. node	-4467 Dec 10 j 02:24	24°Ω22'51	
	-4467 Jan 08 j 22:17	0°ϣ			-4467 Dec 14 j 00:02	0°൬	
morning set	-4467 Jan 18 j 15:59	17°ϣ13'11		morning set	-4466 Jan 01 j 02:28	29°൬26'19	
max. Earth dist.	-4467 Jan 22 j 18:56	25°ϣ07'36	1.35247 AU		-4466 Jan 01 j 10:00	0°ϣ	
	-4467 Jan 25 j 05:50	0°Ϣ		max. Earth dist.	-4466 Jan 04 j 20:05	6°ϣ14'18	1.36958 AU
superior conj	-4467 Jan 27 j 12:22	4°Ϣ36'33	-1°26'59	superior conj	-4466 Jan 11 j 01:53	18°ϣ11'08	-1°43'18
minimum elong	-4467 Jan 27 j 15:27	4°Ϣ52'17	1°26'49	minimum elong	-4466 Jan 11 j 04:33	18°ϣ24'14	1°43'17
evening rise	-4467 Feb 04 j 05:03	20°Ϣ32'23			-4466 Jan 16 j 23:35	0°Ϣ	
asc. node	-4467 Feb 06 j 08:15	24°Ϣ52'47		evening rise	-4466 Jan 19 j 08:15	4°Ϣ45'40	
	-4467 Feb 08 j 22:48	0°≈		asc. node	-4466 Jan 24 j 05:19	14°Ϣ18'41	
evening max el	-4467 Feb 23 j 01:00	20°≈49'24	20°38'48		-4466 Feb 03 j 03:56	0°≈	
retrograde	-4467 Mar 06 j 01:25	26°≈03'42		evening max el	-4466 Feb 05 j 14:48	2°≈37'24	19°31'35
evening set	-4467 Mar 08 j 10:00	25°≈50'15		retrograde	-4466 Feb 14 j 23:20	7°≈03'44	
inferior conj	-4467 Mar 17 j 10:51	21°≈52'10	1°01'15	evening set	-4466 Feb 17 j 07:41	6°≈48'14	
minimum elong	-4467 Mar 17 j 13:32	21°≈48'15	1°00'12	inferior conj	-4466 Feb 25 j 16:58	2°≈42'37	2°38'05
min. Earth dist.	-4467 Mar 18 j 18:22	21°≈06'27	0.55358 AU	minimum elong	-4466 Feb 25 j 22:03	2°≈34'22	2°36'33
desc. node	-4467 Mar 21 j 04:29	19°≈45'49		min. Earth dist.	-4466 Feb 28 j 09:08	0°≈59'16	0.56354 AU
morning rise	-4467 Mar 26 j 15:52	17°≈35'24			-4466 Mar 02 j 00:22	30°κϢ	
direct	-4467 Mar 30 j 00:24	17°≈10'53		morning rise	-4466 Mar 06 j 09:49	27°Ϣ56'52	
morning max el	-4467 Apr 12 j 07:59	23°≈40'32	23°01'19	desc. node	-4466 Mar 08 j 01:37	27°Ϣ29'17	
	-4467 Apr 17 j 23:35	0°κ		direct	-4466 Mar 10 j 22:20	27°Ϣ10'27	
morning set	-4467 May 05 j 02:19	29°κ41'03			-4466 Mar 19 j 14:42	0°≈	
asc. node	-4467 May 05 j 07:56	0°Υ10'24		morning max el	-4466 Mar 24 j 23:29	4°≈17'27	24°39'58
	-4467 May 05 j 05:57	0°Υ			-4466 Apr 12 j 03:53	0°κ	
				morning set	-4466 Apr 19 j 14:34	14°κ43'46	
superior conj	-4467 May 12 j 06:18	14°Υ56'01	1°06'10	asc. node	-4466 Apr 22 j 04:54	20°κ15'19	
minimum elong	-4467 May 12 j 03:48	14°Υ42'43	1°05'48				
max. Earth dist.	-4467 May 14 j 18:54	20°Υ16'03	1.33969 AU	superior conj	-4466 Apr 26 j 15:15	29°κ51'08	0°44'32
evening rise	-4467 May 19 j 23:15	0°ϣ49'48		minimum elong	-4466 Apr 26 j 13:25	29°κ41'08	0°44'09
	-4467 May 19 j 13:12	0°ϣ			-4466 Apr 26 j 16:54	0°Υ	
	-4467 Jun 05 j 13:50	0°Π		max. Earth dist.	-4466 Apr 28 j 01:33	2°Υ56'21	1.33168 AU
desc. node	-4467 Jun 17 j 03:04	15°Π52'14		evening rise	-4466 May 03 j 22:35	15°Υ16'44	
evening max el	-4467 Jun 23 j 03:17	22°Π23'54	27°19'26		-4466 May 11 j 14:16	0°ϣ	
retrograde	-4467 Jul 06 j 15:36	29°Π48'48			-4466 May 31 j 14:12	0°Π	
evening set	-4467 Jul 13 j 17:29	27°Π03'04		desc. node	-4466 Jun 04 j 00:12	3°Π45'17	
min. Earth dist.	-4467 Jul 17 j 09:48	23°Π36'00	0.64356 AU	evening max el	-4466 Jun 05 j 12:20	5°Π14'57	27°22'54
inferior conj	-4467 Jul 19 j 17:49	21°Π03'53	-3°30'46	retrograde	-4466 Jun 19 j 08:12	12°Π39'28	
minimum elong	-4467 Jul 19 j 21:28	20°Π53'58	3°29'44	evening set	-4466 Jun 26 j 10:57	10°Π09'34	
morning rise	-4467 Jul 26 j 02:07	15°Π37'38		min. Earth dist.	-4466 Jun 30 j 01:00	7°Π10'57	0.62680 AU
direct	-4467 Jul 28 j 20:12	14°Π58'21		inferior conj	-4466 Jul 02 j 22:28	4°Π22'14	-4°01'13
asc. node	-4467 Aug 01 j 07:31	16°Π00'13		minimum elong	-4466 Jul 03 j 01:16	4°Π15'24	4°00'39

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4466 Jul 08 j 04:22	30° RB		direct	-4465 Jun 25 j 08:32	12° B 06'13	
morning rise	-4466 Jul 09 j 16:45	29° B 14'42		morning max el	-4465 Jul 02 j 11:45	15° B 36'05	18°06'55
direct	-4466 Jul 12 j 07:30	28° B 43'08		asc. node	-4465 Jul 06 j 01:35	19° B 45'37	
	-4466 Jul 16 j 08:25	0° II			-4465 Jul 12 j 12:45	0° II	
morning max el	-4466 Jul 18 j 23:13	2° II 07'13	17°56'40	morning set	-4465 Jul 18 j 12:10	10° II 54'37	
asc. node	-4466 Jul 19 j 04:33	2° II 20'31					
morning set	-4466 Aug 04 j 10:46	27° II 48'47		superior conj	-4465 Jul 28 j 12:06	29° II 13'50	1°43'53
	-4466 Aug 05 j 16:16	0° E		minimum elong	-4465 Jul 28 j 14:52	29° II 26'04	1°43'57
					-4465 Jul 28 j 22:30	0° E	
superior conj	-4466 Aug 15 j 22:03	17° E 48'46	1°25'46	max. Earth dist.	-4465 Aug 05 j 01:08	12° E 16'29	1.41516 AU
minimum elong	-4466 Aug 16 j 03:23	18° E 11'17	1°25'30	evening rise	-4465 Aug 10 j 17:18	21° E 36'14	
max. Earth dist.	-4466 Aug 22 j 16:56	29° E 03'28	1.43156 AU		-4465 Aug 16 j 00:45	0° O	
	-4466 Aug 23 j 06:53	0° O		desc. node	-4465 Aug 17 j 20:21	2° O 48'12	
desc. node	-4466 Aug 30 j 23:23	12° O 12'14			-4465 Sep 05 j 21:23	0° O	
evening rise	-4466 Aug 31 j 02:01	12° O 22'31		evening max el	-4465 Sep 13 j 00:29	8° O 18'18	22°31'25
	-4466 Sep 11 j 16:15	0° O		retrograde	-4465 Sep 22 j 16:18	14° O 02'11	
evening max el	-4466 Sep 30 j 07:15	24° O 53'06	21°14'29	evening set	-4465 Sep 27 j 07:11	12° O 09'28	
retrograde	-4466 Oct 08 j 21:34	29° O 58'37		asc. node	-4465 Oct 02 j 00:38	6° O 40'40	
evening set	-4466 Oct 12 j 23:22	28° O 25'15		inferior conj	-4465 Oct 02 j 14:30	5° O 52'53	0°11'50
asc. node	-4466 Oct 15 j 03:31	26° O 20'13		minimum elong	-4465 Oct 02 j 14:13	5° O 53'51	0°11'50
inferior conj	-4466 Oct 18 j 08:07	22° O 13'46	1°04'34	transit middle	-4465 Oct 02 j 14:13	5° O 53'51	0°11'50
minimum elong	-4466 Oct 18 j 06:40	22° O 18'45	1°04'00	transit begin	-4465 Oct 02 j 12:22	6° O 00'17	
min. Earth dist.	-4466 Oct 18 j 17:22	21° O 42'00	0.67162 AU	transit end	-4465 Oct 02 j 16:05	5° O 47'25	
morning rise	-4466 Oct 23 j 13:46	15° O 58'00		min. Earth dist.	-4465 Oct 02 j 13:23	5° O 56'46	0.67398 AU
direct	-4466 Oct 28 j 17:01	13° O 46'31			-4465 Oct 07 j 11:19	30° R 01	
morning max el	-4466 Nov 08 j 07:19	20° O 06'25	23°40'27	morning rise	-4465 Oct 07 j 21:08	29° O 38'58	
	-4466 Nov 16 j 17:29	0° O		direct	-4465 Oct 12 j 09:42	27° O 49'01	
desc. node	-4466 Nov 26 j 23:22	14° O 15'03			-4465 Oct 17 j 22:26	0° O	
	-4466 Dec 07 j 05:20	0° O		morning max el	-4465 Oct 21 j 19:22	3° O 24'41	22°14'49
morning set	-4466 Dec 13 j 13:10	10° O 25'52			-4465 Nov 10 j 21:04	0° O	
max. Earth dist.	-4466 Dec 17 j 15:52	17° O 31'53	1.38970 AU	desc. node	-4465 Nov 13 j 20:17	4° O 27'10	
	-4466 Dec 24 j 12:50	0° O		morning set	-4465 Nov 23 j 19:22	20° O 01'18	
				max. Earth dist.	-4465 Nov 29 j 14:26	29° O 33'38	1.41024 AU
superior conj	-4466 Dec 25 j 02:12	1° O 02'37	-1°52'41		-4465 Nov 29 j 20:42	0° O	
minimum elong	-4466 Dec 25 j 03:18	1° O 07'44	1°52'51	superior conj	-4465 Dec 07 j 08:07	12° O 56'42	-1°51'58
evening rise	-4465 Jan 03 j 04:13	18° O 32'06		minimum elong	-4465 Dec 07 j 06:16	12° O 48'26	1°52'04
	-4465 Jan 09 j 05:28	0° O			-4465 Dec 16 j 15:34	0° O	
asc. node	-4465 Jan 11 j 02:23	3° O 17'50		evening rise	-4465 Dec 17 j 13:48	1° O 43'49	
evening max el	-4465 Jan 19 j 14:18	14° O 59'26	18°43'40	asc. node	-4465 Dec 28 j 23:27	21° O 40'57	
retrograde	-4465 Jan 27 j 14:13	18° O 51'25		evening max el	-4464 Jan 02 j 21:00	27° O 47'31	18°15'51
evening set	-4465 Jan 30 j 01:34	18° O 30'40			-4464 Jan 05 j 15:03	0° O	
inferior conj	-4465 Feb 06 j 17:52	14° O 07'13	3°38'16	retrograde	-4464 Jan 09 j 23:33	1° O 20'57	
minimum elong	-4465 Feb 06 j 21:33	14° O 00'18	3°37'30	evening set	-4464 Jan 12 j 13:41	0° O 53'38	
min. Earth dist.	-4465 Feb 10 j 01:28	11° O 39'11	0.58011 AU		-4464 Jan 14 j 12:30	30° R 01	
morning rise	-4465 Feb 14 j 15:07	8° O 54'01		inferior conj	-4464 Jan 19 j 15:00	26° O 08'30	4°02'47
direct	-4465 Feb 20 j 09:21	7° O 32'28		minimum elong	-4464 Jan 19 j 15:49	26° O 06'43	4°02'33
desc. node	-4465 Feb 22 j 22:44	7° O 48'30		min. Earth dist.	-4464 Jan 22 j 22:15	23° O 17'08	0.59980 AU
morning max el	-4465 Mar 06 j 15:11	14° O 59'19	26°08'05	morning rise	-4464 Jan 26 j 16:16	20° O 34'29	
	-4465 Mar 18 j 16:25	0° O		direct	-4464 Feb 02 j 07:45	18° O 34'13	
morning set	-4465 Apr 04 j 02:14	29° O 44'50		desc. node	-4464 Feb 09 j 19:49	20° O 53'43	
	-4465 Apr 04 j 05:07	0° O		morning max el	-4464 Feb 16 j 12:04	26° O 10'56	27°11'23
asc. node	-4465 Apr 09 j 01:53	10° O 26'57			-4464 Feb 20 j 02:41	0° O	
superior conj	-4465 Apr 11 j 02:27	14° O 52'14	0°20'56		-4464 Mar 11 j 00:54	0° O	
minimum elong	-4465 Apr 11 j 01:32	14° O 47'15	0°20'40	morning set	-4464 Mar 18 j 11:33	14° O 37'27	
max. Earth dist.	-4465 Apr 11 j 13:33	15° O 52'55	1.32714 AU	max. Earth dist.	-4464 Mar 25 j 03:06	28° O 52'30	1.32591 AU
evening rise	-4465 Apr 18 j 04:09	0° O 02'06		superior conj	-4464 Mar 25 j 14:09	29° O 52'58	-0°03'48
	-4465 Apr 18 j 03:45	0° O		minimum elong	-4464 Mar 25 j 14:19	29° O 53'55	0°03'53
	-4465 May 04 j 18:25	0° O		behind sun begin	-4464 Mar 25 j 09:27	29° O 27'13	
evening max el	-4465 May 18 j 16:57	17° O 29'47	26°53'39	behind sun end	-4464 Mar 25 j 19:12	0° O 20'36	
desc. node	-4465 May 21 j 21:18	20° O 16'29		asc. node	-4464 Mar 25 j 22:52	0° O 40'41	
retrograde	-4465 Jun 01 j 17:18	24° O 50'47			-4464 Mar 25 j 15:26	0° O	
evening set	-4465 Jun 08 j 10:51	22° O 50'19		evening rise	-4464 Apr 01 j 13:35	14° O 57'08	
min. Earth dist.	-4465 Jun 12 j 06:29	20° O 06'55	0.60730 AU		-4464 Apr 09 j 04:18	0° O	
inferior conj	-4465 Jun 15 j 13:39	17° O 18'24	-4°15'42	evening max el	-4464 Apr 29 j 15:16	29° O 02'04	25°53'14
minimum elong	-4465 Jun 15 j 14:16	17° O 17'03	4°15'32		-4464 Apr 30 j 16:11	0° O	
morning rise	-4465 Jun 22 j 19:32	12° O 31'49					

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

desc. node	-4464 May 07 j 18:25	4° 8 53'27		retrograde	-4463 Apr 25 j 06:30	17° Y 00'07	
retrograde	-4464 May 13 j 17:23	6° 8 17'21		evening set	-4463 Apr 29 j 20:13	16° Y 12'55	
evening set	-4464 May 19 j 13:47	4° 8 54'33		min. Earth dist.	-4463 May 05 j 20:11	13° Y 11'54	0.56865 AU
min. Earth dist.	-4464 May 24 j 03:47	2° 8 09'55	0.58691 AU	inferior conj	-4463 May 08 j 13:48	11° Y 26'40	-3°21'30
inferior conj	-4464 May 27 j 11:40	29° Y 42'46	-4°05'48	minimum elong	-4463 May 08 j 08:19	11° Y 35'31	3°20'18
minimum elong	-4464 May 27 j 09:00	29° Y 47'44	4°05'27	morning rise	-4463 May 16 j 23:35	7° Y 20'24	
	-4464 May 27 j 02:25	30° R Y		direct	-4463 May 19 j 10:34	7° Y 03'46	
morning rise	-4464 Jun 04 j 06:53	25° Y 17'58		morning max el	-4463 May 28 j 19:07	11° Y 24'44	19°27'34
direct	-4464 Jun 06 j 18:52	24° Y 57'18		asc. node	-4463 Jun 08 j 19:36	26° Y 55'17	
morning max el	-4464 Jun 14 j 19:20	28° Y 45'14	18°37'04		-4463 Jun 10 j 11:47	0° 8	
	-4464 Jun 16 j 00:56	0° 8		morning set	-4463 Jun 15 j 01:43	8° 8 54'50	
asc. node	-4464 Jun 21 j 22:36	8° 8 01'23					
morning set	-4464 Jul 01 j 02:24	24° 8 40'05		superior conj	-4463 Jun 23 j 05:51	25° 8 13'15	1°45'07
	-4464 Jul 03 j 20:27	0° II		minimum elong	-4463 Jun 23 j 04:09	25° 8 04'58	1°45'13
					-4463 Jun 25 j 16:59	0° II	
superior conj	-4464 Jul 10 j 00:39	11° II 47'42	1°49'21	max. Earth dist.	-4463 Jun 29 j 06:10	6° II 41'34	1.37678 AU
minimum elong	-4464 Jul 10 j 00:46	11° II 48'13	1°49'33	evening rise	-4463 Jul 03 j 02:50	13° II 41'45	
max. Earth dist.	-4464 Jul 17 j 04:23	24° II 47'02	1.39603 AU		-4463 Jul 12 j 18:57	0° ᠙	
	-4464 Jul 20 j 04:41	0° ᠙		desc. node	-4463 Jul 21 j 14:21	13° ᠙ 24'46	
evening rise	-4464 Jul 21 j 09:09	2° ᠙ 00'53			-4463 Aug 03 j 03:53	0° Q	
desc. node	-4464 Aug 03 j 17:19	23° ᠙ 14'18		evening max el	-4463 Aug 07 j 23:43	5° Q 13'38	25°09'55
	-4464 Aug 08 j 07:58	0° Q		retrograde	-4463 Aug 19 j 19:38	12° Q 06'20	
evening max el	-4464 Aug 25 j 13:08	21° Q 44'43	23°52'11	evening set	-4463 Aug 25 j 16:03	9° Q 35'43	
retrograde	-4464 Sep 05 j 07:56	28° Q 06'17		min. Earth dist.	-4463 Aug 30 j 03:04	4° Q 32'07	0.66958 AU
evening set	-4464 Sep 10 j 13:22	25° Q 53'39		inferior conj	-4463 Aug 31 j 01:26	3° Q 18'37	-1°33'55
inferior conj	-4464 Sep 15 j 20:51	19° Q 35'10	-0°41'32	minimum elong	-4463 Aug 31 j 03:35	3° Q 11'33	1°32'53
minimum elong	-4464 Sep 15 j 21:49	19° Q 31'54	0°40'58		-4463 Sep 02 j 16:56	30° R ᠙	
min. Earth dist.	-4464 Sep 15 j 09:24	20° Q 14'09	0.67336 AU	asc. node	-4463 Sep 04 j 18:54	27° ᠙ 55'38	
asc. node	-4464 Sep 17 j 21:46	16° Q 53'19		morning rise	-4463 Sep 05 j 15:11	27° ᠙ 17'17	
morning rise	-4464 Sep 21 j 06:13	13° Q 26'03		direct	-4463 Sep 09 j 03:23	26° ᠙ 05'58	
direct	-4464 Sep 25 j 05:34	11° Q 56'42			-4463 Sep 16 j 04:53	0° Q	
morning max el	-4464 Oct 03 j 13:31	16° Q 50'40	20°55'40	morning max el	-4463 Sep 16 j 14:54	0° Q 25'11	19°48'03
	-4464 Oct 14 j 00:10	0° ᠓			-4463 Oct 07 j 14:53	0° ᠓	
desc. node	-4464 Oct 30 j 17:12	24° ᠓ 53'27		morning set	-4463 Oct 12 j 00:05	6° ᠓ 46'51	
morning set	-4464 Nov 02 j 01:00	28° ᠓ 30'07		desc. node	-4463 Oct 17 j 14:07	15° ᠓ 29'06	
	-4464 Nov 03 j 00:00	0° ᠒		max. Earth dist.	-4463 Oct 24 j 07:59	26° ᠓ 07'25	1.44117 AU
max. Earth dist.	-4464 Nov 10 j 19:58	12° ᠒ 29'11	1.42821 AU		-4463 Oct 26 j 18:15	0° ᠒	
superior conj	-4464 Nov 17 j 13:55	23° ᠒ 39'31	-1°37'26	superior conj	-4463 Oct 28 j 16:08	3° ᠒ 04'33	-1°06'26
minimum elong	-4464 Nov 17 j 08:30	23° ᠒ 16'40	1°37'05	minimum elong	-4463 Oct 28 j 09:25	2° ᠒ 37'28	1°05'41
	-4464 Nov 21 j 07:08	0° ᠓		evening rise	-4463 Nov 11 j 09:55	25° ᠒ 49'58	
evening rise	-4464 Nov 29 j 09:14	14° ᠓ 13'00			-4463 Nov 13 j 20:52	0° ᠓	
	-4464 Dec 08 j 10:16	0° ᠔		evening max el	-4463 Nov 29 j 20:50	24° ᠓ 12'34	18°19'03
asc. node	-4464 Dec 14 j 20:33	9° ᠔ 17'19		asc. node	-4463 Dec 01 j 17:39	25° ᠓ 53'33	
evening max el	-4464 Dec 16 j 08:06	10° ᠔ 54'06	18°07'53	retrograde	-4463 Dec 06 j 10:21	27° ᠓ 46'56	
retrograde	-4464 Dec 22 j 23:46	14° ᠔ 22'35		evening set	-4463 Dec 09 j 07:02	27° ᠓ 03'24	
evening set	-4464 Dec 25 j 16:42	13° ᠔ 47'48		inferior conj	-4463 Dec 15 j 10:28	21° ᠓ 37'35	3°38'45
inferior conj	-4463 Jan 01 j 05:49	8° ᠔ 41'19	4°00'09	minimum elong	-4463 Dec 15 j 07:36	21° ᠓ 45'35	3°38'03
minimum elong	-4463 Jan 01 j 04:14	8° ᠔ 45'14	3°59'50	min. Earth dist.	-4463 Dec 17 j 17:43	19° ᠓ 04'10	0.63684 AU
min. Earth dist.	-4463 Jan 04 j 03:04	5° ᠔ 49'39	0.61943 AU	morning rise	-4463 Dec 21 j 07:31	15° ᠓ 38'09	
morning rise	-4463 Jan 07 j 14:44	2° ᠔ 52'29		direct	-4463 Dec 28 j 07:45	12° ᠓ 49'44	
direct	-4463 Jan 14 j 15:43	0° ᠔ 21'03		morning max el	-4462 Jan 10 j 23:16	20° ᠓ 33'07	27°33'36
desc. node	-4463 Jan 26 j 16:54	6° ᠔ 15'07		desc. node	-4462 Jan 13 j 13:58	23° ᠓ 16'41	
morning max el	-4463 Jan 28 j 15:24	8° ᠔ 03'35	27°40'33		-4462 Jan 19 j 04:40	0° ᠔	
	-4463 Feb 14 j 12:26	0° ᠅			-4462 Feb 07 j 12:12	0° ᠅	
morning set	-4463 Mar 02 j 16:30	29° ᠅ 14'34		morning set	-4462 Feb 14 j 14:38	13° ᠅ 27'40	
	-4463 Mar 03 j 01:24	0° ≈		max. Earth dist.	-4462 Feb 19 j 19:11	24° ᠅ 04'59	1.33418 AU
max. Earth dist.	-4463 Mar 08 j 14:19	11° ≈ 41'04	1.32814 AU				
superior conj	-4463 Mar 10 j 00:45	14° ≈ 47'31	-0°28'45	superior conj	-4462 Feb 22 j 08:31	29° ᠅ 30'09	-0°53'01
minimum elong	-4463 Mar 10 j 02:02	14° ≈ 54'28	0°28'39	minimum elong	-4462 Feb 22 j 10:47	29° ᠅ 42'14	0°52'47
	-4463 Mar 12 j 19:51	20° ≈ 52'23			-4462 Feb 22 j 14:06	0° ≈	
asc. node	-4463 Mar 12 j 19:51	20° ≈ 52'23		asc. node	-4462 Feb 27 j 16:52	10° ≈ 58'12	
evening rise	-4463 Mar 17 j 00:56	29° ≈ 54'45		evening rise	-4462 Mar 01 j 12:25	14° ≈ 48'42	
	-4463 Mar 17 j 01:56	0° ᠬ			-4462 Mar 09 j 05:20	0° ᠬ	
	-4463 Apr 02 j 22:01	0° Y		evening max el	-4462 Mar 24 j 00:44	20° ᠬ 42'14	22°55'45
evening max el	-4463 Apr 11 j 08:13	9° Y 58'31	24°29'33	retrograde	-4462 Apr 06 j 07:06	27° ᠬ 13'06	
desc. node	-4463 Apr 24 j 15:35	16° Y 59'13		evening set	-4462 Apr 09 j 14:25	26° ᠬ 49'11	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

desc. node	-4462 Apr 11 j 12:45	26° H 14'32		desc. node	-4461 Mar 29 j 09:56	3° H 17'49	
min. Earth dist.	-4462 Apr 17 j 10:57	23° H 20'10	0.55605 AU	inferior conj	-4461 Mar 29 j 17:19	3° H 07'24	-0°05'06
inferior conj	-4462 Apr 18 j 21:08	22° H 30'35	-1°57'36	minimum elong	-4461 Mar 29 j 17:04	3° H 07'45	0°05'07
minimum elong	-4462 Apr 18 j 16:16	22° H 37'40	1°56'08	transit middle	-4461 Mar 29 j 17:04	3° H 07'45	0°05'07
morning rise	-4462 Apr 27 j 20:21	18° H 32'54		transit begin	-4461 Mar 29 j 13:11	3° H 13'14	
direct	-4462 Apr 30 j 08:33	18° H 17'56		transit end	-4461 Mar 29 j 20:57	3° H 02'16	
morning max el	-4462 May 11 j 08:47	23° H 26'20	20°37'55	min. Earth dist.	-4461 Mar 30 j 01:10	2° H 56'21	0.55185 AU
	-4462 May 17 j 00:52	0° Y			-4461 Apr 04 j 20:51	30° R	
asc. node	-4462 May 26 j 16:37	16° Y 18'10		morning rise	-4461 Apr 07 j 23:33	29° H 02'31	
morning set	-4462 May 30 j 07:21	23° Y 31'38		direct	-4461 Apr 10 j 21:21	28° H 43'55	
	-4462 Jun 02 j 10:46	0° B			-4461 Apr 16 j 15:13	0° H	
				morning max el	-4461 Apr 23 j 11:28	4° H 45'33	22°05'32
superior conj	-4462 Jun 06 j 22:56	9° B 16'42	1°33'47		-4461 May 10 j 13:13	0° Y	
minimum elong	-4462 Jun 06 j 20:22	9° B 03'38	1°33'41	asc. node	-4461 May 13 j 13:36	6° Y 01'56	
max. Earth dist.	-4462 Jun 11 j 13:03	18° B 26'42	1.35971 AU	morning set	-4461 May 14 j 17:01	8° Y 23'20	
evening rise	-4462 Jun 15 j 17:55	26° B 27'58					
	-4462 Jun 17 j 16:00	0° II		superior conj	-4461 May 22 j 00:14	23° Y 46'38	1°17'21
	-4462 Jul 06 j 04:26	0° E		minimum elong	-4461 May 21 j 21:33	23° Y 32'32	1°17'03
desc. node	-4462 Jul 08 j 11:24	3° E 12'26		max. Earth dist.	-4461 May 25 j 05:39	0° B 28'27	1.34597 AU
evening max el	-4462 Jul 21 j 10:33	18° E 44'03	26°16'32		-4461 May 25 j 00:06	0° B	
retrograde	-4462 Aug 03 j 02:39	25° E 56'52		evening rise	-4461 May 30 j 00:56	10° B 03'37	
evening set	-4462 Aug 09 j 13:07	23° E 13'19			-4461 Jun 10 j 02:49	0° II	
min. Earth dist.	-4462 Aug 13 j 15:59	18° E 47'40	0.66239 AU	desc. node	-4461 Jun 25 j 08:30	22° II 27'28	
inferior conj	-4462 Aug 15 j 02:23	17° E 00'53	-2°23'35		-4461 Jul 01 j 19:07	0° E	
minimum elong	-4462 Aug 15 j 05:31	16° E 51'11	2°22'18	evening max el	-4461 Jul 03 j 22:04	2° E 08'55	27°03'56
morning rise	-4462 Aug 20 j 22:06	11° E 10'28		retrograde	-4461 Jul 17 j 04:22	9° E 30'57	
asc. node	-4462 Aug 22 j 16:01	10° E 25'04		evening set	-4461 Jul 24 j 02:04	6° E 42'57	
direct	-4462 Aug 24 j 01:30	10° E 13'56		min. Earth dist.	-4461 Jul 27 j 21:47	2° E 55'23	0.65151 AU
morning max el	-4462 Aug 30 j 22:46	14° E 06'37	18°55'05	inferior conj	-4461 Jul 29 j 21:34	0° E 38'19	-3°08'22
	-4462 Sep 11 j 13:23	0° O		minimum elong	-4461 Jul 30 j 01:13	0° E 27'48	3°07'09
morning set	-4462 Sep 21 j 15:11	15° O 54'22			-4461 Jul 30 j 10:57	30° R II	
	-4462 Sep 30 j 13:00	0° M		morning rise	-4461 Aug 05 j 00:47	25° II 02'09	
desc. node	-4462 Oct 04 j 11:01	6° M 10'27		direct	-4461 Aug 07 j 21:44	24° II 17'14	
max. Earth dist.	-4462 Oct 07 j 00:28	10° M 12'36	1.44762 AU	asc. node	-4461 Aug 09 j 13:06	24° II 31'47	
				morning max el	-4461 Aug 14 j 11:15	27° II 51'46	18°18'32
superior conj	-4462 Oct 07 j 20:19	11° M 30'50	-0°21'18		-4461 Aug 16 j 09:21	0° E	
minimum elong	-4462 Oct 07 j 17:33	11° M 19'56	0°20'52	morning set	-4461 Sep 02 j 09:07	26° E 20'29	
	-4462 Oct 19 j 11:33	0° A			-4461 Sep 04 j 14:22	0° O	
evening rise	-4462 Oct 23 j 11:16	6° A 25'16					
	-4462 Nov 07 j 08:54	0° M		superior conj	-4461 Sep 16 j 21:24	19° O 52'57	0°27'51
evening max el	-4462 Nov 13 j 08:32	7° M 37'05	18°48'11	minimum elong	-4461 Sep 17 j 00:49	20° O 06'32	0°27'33
asc. node	-4462 Nov 18 j 14:48	11° M 13'48		max. Earth dist.	-4461 Sep 19 j 18:46	24° O 27'53	1.44679 AU
retrograde	-4462 Nov 20 j 03:18	11° M 26'40		desc. node	-4461 Sep 21 j 07:57	26° O 54'36	
evening set	-4462 Nov 23 j 05:28	10° M 32'20			-4461 Sep 23 j 07:03	0° M	
inferior conj	-4462 Nov 29 j 01:21	4° M 49'40	3°04'38	evening rise	-4461 Oct 03 j 11:43	15° M 57'13	
minimum elong	-4462 Nov 28 j 22:08	4° M 59'26	3°03'39		-4461 Oct 12 j 12:36	0° A	
min. Earth dist.	-4462 Nov 30 j 18:04	2° M 46'04	0.65106 AU	greatest brilliancy	-4461 Oct 14 j 22:15	3° A 41'00	-0.7m
	-4462 Dec 03 j 05:30	30° R A		evening max el	-4461 Oct 27 j 16:49	21° A 04'11	19°33'50
morning rise	-4462 Dec 04 j 14:27	28° A 42'35		retrograde	-4461 Nov 03 j 23:36	25° A 17'25	
direct	-4462 Dec 11 j 06:22	25° A 52'09		asc. node	-4461 Nov 05 j 11:57	25° A 04'08	
	-4462 Dec 20 j 12:49	0° M		evening set	-4461 Nov 07 j 09:16	24° A 09'51	
morning max el	-4462 Dec 24 j 08:47	3° M 27'18	26°54'16	inferior conj	-4461 Nov 12 j 23:29	18° A 13'16	2°22'04
desc. node	-4462 Dec 31 j 10:59	11° M 28'29		minimum elong	-4461 Nov 12 j 20:38	18° A 22'32	2°21'03
	-4461 Jan 13 j 13:07	0° A		min. Earth dist.	-4461 Nov 14 j 02:47	16° A 44'47	0.66173 AU
morning set	-4461 Jan 29 j 02:32	27° A 04'41		morning rise	-4461 Nov 18 j 07:46	12° A 00'51	
	-4461 Jan 30 j 14:45	0° B		direct	-4461 Nov 24 j 10:44	9° A 20'27	
max. Earth dist.	-4461 Feb 02 j 14:01	5° B 53'49	1.34452 AU	morning max el	-4461 Dec 06 j 18:05	16° A 35'33	25°49'56
					-4461 Dec 17 j 23:05	0° M	
superior conj	-4461 Feb 06 j 11:19	13° B 52'42	-1°15'28	desc. node	-4461 Dec 18 j 07:58	0° M 30'03	
minimum elong	-4461 Feb 06 j 14:15	14° B 07'59	1°15'14		-4460 Jan 06 j 10:41	0° A	
evening rise	-4461 Feb 13 j 22:13	29° B 31'40		morning set	-4460 Jan 11 j 23:51	9° A 52'43	
	-4461 Feb 14 j 03:41	0° H		max. Earth dist.	-4460 Jan 15 j 21:19	17° A 11'24	1.35937 AU
asc. node	-4461 Feb 14 j 13:53	0° H 52'42					
	-4461 Mar 04 j 07:48	0° H		superior conj	-4460 Jan 21 j 06:37	27° A 47'37	-1°34'34
evening max el	-4461 Mar 05 j 22:51	1° H 38'47	21°25'16	minimum elong	-4460 Jan 21 j 09:38	28° A 02'49	1°34'28
retrograde	-4461 Mar 17 j 21:37	7° H 22'13			-4460 Jan 22 j 08:48	0° B	
evening set	-4461 Mar 20 j 10:35	7° H 07'34		evening rise	-4460 Jan 29 j 04:28	13° B 57'51	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4460 Feb 01 j 10:55	20°♄30'47		asc. node	-4459 Jan 18 j 07:58	9°♄46'17	
	-4460 Feb 06 j 14:06	0°♄		evening max el	-4459 Jan 29 j 00:36	25°♄08'29	19°08'37
evening max el	-4460 Feb 16 j 06:33	13°♄05'51	20°07'50	retrograde	-4459 Feb 06 j 18:06	29°♄18'42	
retrograde	-4460 Feb 26 j 13:12	17°♄58'09		evening set	-4459 Feb 09 j 03:34	29°♄01'14	
evening set	-4460 Feb 28 j 21:11	17°♄44'12		inferior conj	-4459 Feb 17 j 05:28	24°♄48'25	3°08'22
inferior conj	-4460 Mar 08 j 15:56	13°♄44'29	1°46'15	minimum elong	-4459 Feb 17 j 10:19	24°♄40'03	3°07'07
minimum elong	-4460 Mar 08 j 20:10	13°♄38'05	1°44'45	min. Earth dist.	-4459 Feb 20 j 06:10	22°♄44'06	0.56999 AU
min. Earth dist.	-4460 Mar 10 j 15:09	12°♄33'31	0.55693 AU	morning rise	-4459 Feb 25 j 14:27	19°♄50'15	
desc. node	-4460 Mar 15 j 07:05	10°♄07'22		desc. node	-4459 Mar 02 j 04:12	18°♄51'01	
morning rise	-4460 Mar 17 j 17:14	9°♄16'24		direct	-4459 Mar 02 j 15:52	18°♄50'28	
direct	-4460 Mar 21 j 12:58	8°♄44'20		morning max el	-4459 Mar 16 j 20:26	26°♄07'19	25°19'46
morning max el	-4460 Apr 04 j 05:28	15°♄31'15	23°43'36		-4459 Mar 20 j 12:27	0°♄	
	-4460 Apr 15 j 15:00	0°♄			-4459 Apr 08 j 13:30	0°♄	
morning set	-4460 Apr 28 j 04:48	23°♄23'48		morning set	-4459 Apr 12 j 17:02	8°♄27'09	
asc. node	-4460 Apr 29 j 10:33	26°♄00'36		asc. node	-4459 Apr 16 j 07:31	16°♄09'13	
	-4460 May 01 j 07:24	0°♄		superior conj	-4459 Apr 19 j 17:10	23°♄33'16	0°34'42
superior conj	-4460 May 05 j 07:01	8°♄34'29	0°57'16	minimum elong	-4459 Apr 19 j 15:41	23°♄25'15	0°34'21
minimum elong	-4460 May 05 j 04:45	8°♄22'19	0°56'53	max. Earth dist.	-4459 Apr 20 j 17:30	25°♄45'32	1.32931 AU
max. Earth dist.	-4460 May 07 j 08:02	12°♄56'13	1.33589 AU		-4459 Apr 22 j 16:39	0°♄	
evening rise	-4460 May 12 j 19:21	24°♄14'55		evening rise	-4459 Apr 26 j 21:40	8°♄50'57	
	-4460 May 15 j 17:37	0°♄			-4459 May 08 j 03:09	0°♄	
	-4460 Jun 02 j 16:45	0°♄		evening max el	-4459 May 28 j 15:53	27°♄51'55	27°14'26
desc. node	-4460 Jun 11 j 05:37	10°♄55'41		desc. node	-4459 May 29 j 02:44	28°♄17'36	
evening max el	-4460 Jun 15 j 08:38	15°♄15'34	27°24'52		-4459 May 31 j 00:56	0°♄	
retrograde	-4460 Jun 29 j 00:12	22°♄39'57		retrograde	-4459 Jun 11 j 13:44	5°♄15'28	
evening set	-4460 Jul 06 j 03:41	19°♄59'16		evening set	-4459 Jun 18 j 14:11	2°♄56'13	
min. Earth dist.	-4460 Jul 09 j 18:26	16°♄45'42	0.63684 AU	min. Earth dist.	-4459 Jun 22 j 05:11	0°♄06'22	0.61875 AU
inferior conj	-4460 Jul 12 j 08:21	14°♄05'09	-3°45'16		-4459 Jun 22 j 08:04	30°♄	
minimum elong	-4460 Jul 12 j 11:47	13°♄56'13	3°44'25	inferior conj	-4459 Jun 25 j 07:41	27°♄15'06	-4°09'47
morning rise	-4460 Jul 18 j 20:41	8°♄46'30		minimum elong	-4459 Jun 25 j 09:45	27°♄10'21	4°09'25
direct	-4460 Jul 21 j 13:15	8°♄10'36		morning rise	-4459 Jul 02 j 06:44	22°♄16'39	
asc. node	-4460 Jul 26 j 10:09	10°♄07'19		direct	-4459 Jul 04 j 20:39	21°♄47'47	
morning max el	-4460 Jul 28 j 01:54	11°♄35'33	17°59'28	morning max el	-4459 Jul 11 j 16:07	25°♄12'42	17°58'45
	-4460 Aug 09 j 13:44	0°♄		asc. node	-4459 Jul 13 j 07:11	26°♄57'17	
morning set	-4460 Aug 14 j 04:37	7°♄59'15			-4459 Jul 15 j 16:07	0°♄	
				morning set	-4459 Jul 27 j 20:40	20°♄37'16	
superior conj	-4460 Aug 26 j 16:45	29°♄10'35	1°08'42		-4459 Aug 02 j 01:19	0°♄	
minimum elong	-4460 Aug 26 j 22:39	29°♄34'50	1°08'15	superior conj	-4459 Aug 07 j 15:39	9°♄50'36	1°35'11
	-4460 Aug 27 j 04:47	0°♄		minimum elong	-4459 Aug 07 j 20:00	10°♄09'24	1°35'04
max. Earth dist.	-4460 Sep 01 j 11:08	8°♄32'14	1.43887 AU	max. Earth dist.	-4459 Aug 14 j 22:24	22°♄06'53	1.42502 AU
desc. node	-4460 Sep 07 j 04:53	17°♄38'00			-4459 Aug 19 j 19:15	0°♄	
evening rise	-4460 Sep 11 j 18:06	24°♄43'05		evening rise	-4459 Aug 22 j 00:20	3°♄30'31	
	-4460 Sep 15 j 04:29	0°♄		desc. node	-4459 Aug 25 j 01:50	8°♄17'42	
	-4460 Oct 05 j 21:42	0°♄			-4459 Sep 08 j 15:15	0°♄	
evening max el	-4460 Oct 09 j 19:38	4°♄30'16	20°34'10	evening max el	-4459 Sep 22 j 16:08	17°♄55'01	21°46'17
retrograde	-4460 Oct 17 j 20:49	9°♄15'04		retrograde	-4459 Oct 01 j 17:02	23°♄17'07	
evening set	-4460 Oct 21 j 16:09	7°♄51'40		evening set	-4459 Oct 06 j 00:09	21°♄35'38	
asc. node	-4460 Oct 22 j 09:05	7°♄17'49		asc. node	-4459 Oct 09 j 06:12	18°♄08'53	
inferior conj	-4460 Oct 27 j 02:24	1°♄44'26	1°33'55	inferior conj	-4459 Oct 11 j 08:04	15°♄21'16	0°42'22
minimum elong	-4460 Oct 27 j 00:21	1°♄51'22	1°33'08	minimum elong	-4459 Oct 11 j 07:06	15°♄24'37	0°42'02
min. Earth dist.	-4460 Oct 27 j 17:48	0°♄52'19	0.66892 AU	min. Earth dist.	-4459 Oct 11 j 12:48	15°♄04'56	0.67295 AU
	-4460 Oct 28 j 09:25	30°♄		morning rise	-4459 Oct 16 j 13:54	9°♄05'49	
morning rise	-4460 Nov 01 j 08:24	25°♄29'09		direct	-4459 Oct 21 j 10:38	7°♄03'41	
direct	-4460 Nov 06 j 20:18	23°♄06'11		morning max el	-4459 Oct 31 j 12:55	13°♄05'26	23°03'40
morning max el	-4460 Nov 18 j 02:53	29°♄49'10	24°29'53		-4459 Nov 14 j 01:57	0°♄	
	-4460 Nov 18 j 07:10	0°♄		desc. node	-4459 Nov 21 j 01:50	10°♄07'36	
desc. node	-4460 Dec 04 j 04:55	20°♄06'25			-4459 Dec 03 j 18:39	0°♄	
	-4460 Dec 10 j 20:36	0°♄		morning set	-4459 Dec 04 j 23:52	2°♄00'31	
morning set	-4460 Dec 24 j 00:57	21°♄36'13		max. Earth dist.	-4459 Dec 09 j 15:45	9°♄53'07	1.39852 AU
max. Earth dist.	-4460 Dec 27 j 19:40	28°♄19'54	1.37798 AU				
	-4460 Dec 28 j 17:39	0°♄		superior conj	-4459 Dec 17 j 08:11	23°♄33'36	-1°53'50
superior conj	-4459 Jan 03 j 15:03	11°♄05'07	-1°48'17	minimum elong	-4459 Dec 17 j 08:11	23°♄33'36	1°54'01
minimum elong	-4459 Jan 03 j 17:12	11°♄15'34	1°48'23		-4459 Dec 20 j 19:18	0°♄	
evening rise	-4459 Jan 12 j 04:56	28°♄00'44		evening rise	-4459 Dec 26 j 20:55	11°♄33'24	
	-4459 Jan 13 j 05:04	0°♄		asc. node	-4458 Jan 05 j 05:02	28°♄31'27	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4458 Jan 06 j 03:20	0°♄			-4458 Nov 26 j 07:02	0°♍	
evening max el	-4458 Jan 12 j 03:28	7°♄42'35	18°29'22				
retrograde	-4458 Jan 19 j 17:10	11°♄25'08		superior conj	-4458 Nov 29 j 04:35	4°♍59'28	-1°47'44
evening set	-4458 Jan 22 j 05:34	11°♄01'52		minimum elong	-4458 Nov 29 j 01:11	4°♍44'40	1°47'40
inferior conj	-4458 Jan 29 j 15:11	6°♄29'31	3°52'35	evening rise	-4458 Dec 10 j 01:01	24°♍28'20	
minimum elong	-4458 Jan 29 j 17:41	6°♄24'31	3°52'07		-4458 Dec 13 j 01:36	0°♄	
min. Earth dist.	-4458 Feb 02 j 00:19	3°♄48'21	0.58825 AU	asc. node	-4458 Dec 23 j 02:08	16°♄36'48	
morning rise	-4458 Feb 06 j 03:36	1°♄06'12		evening max el	-4458 Dec 26 j 12:31	20°♄40'32	18°10'10
	-4458 Feb 08 j 19:30	30°♄♂		retrograde	-4457 Jan 02 j 09:14	24°♄10'07	
direct	-4458 Feb 12 j 08:04	29°♄27'49		evening set	-4457 Jan 05 j 00:31	23°♄39'47	
	-4458 Feb 15 j 22:08	0°♄		inferior conj	-4457 Jan 11 j 20:21	18°♄45'46	4°04'26
desc. node	-4458 Feb 17 j 01:19	0°♄22'59		minimum elong	-4457 Jan 11 j 20:02	18°♄46'30	4°04'13
morning max el	-4458 Feb 26 j 14:10	7°♄00'35	26°38'46	min. Earth dist.	-4457 Jan 15 j 00:20	15°♄51'23	0.60830 AU
	-4458 Mar 15 j 18:13	0°♄		morning rise	-4457 Jan 18 j 14:09	13°♄04'57	
morning set	-4458 Mar 28 j 03:56	23°♄25'49		direct	-4457 Jan 25 j 11:17	10°♄49'35	
	-4458 Mar 31 j 06:08	0°♄		desc. node	-4457 Feb 03 j 22:24	14°♄31'05	
asc. node	-4458 Apr 03 j 04:29	6°♄22'27		morning max el	-4457 Feb 08 j 13:47	18°♄29'37	27°28'06
					-4457 Feb 18 j 07:20	0°♄	
superior conj	-4458 Apr 04 j 04:47	8°♄35'24	0°10'33		-4457 Mar 08 j 09:18	0°♄	
minimum elong	-4458 Apr 04 j 04:19	8°♄32'52	0°10'21	morning set	-4457 Mar 12 j 11:41	8°♄13'09	
behind sun begin	-4458 Apr 04 j 00:32	8°♄12'05		max. Earth dist.	-4457 Mar 18 j 19:23	21°♄40'59	1.32644 AU
behind sun end	-4458 Apr 04 j 08:07	8°♄53'38					
max. Earth dist.	-4458 Apr 04 j 06:29	8°♄44'42	1.32615 AU	superior conj	-4457 Mar 19 j 16:16	23°♄34'51	-0°14'23
evening rise	-4458 Apr 11 j 05:08	23°♄41'28		minimum elong	-4457 Mar 19 j 16:55	23°♄38'23	0°14'23
	-4458 Apr 14 j 07:18	0°♄		behind sun begin	-4457 Mar 19 j 14:50	23°♄26'58	
	-4458 May 02 j 05:44	0°♄		behind sun end	-4457 Mar 19 j 19:01	23°♄49'49	
evening max el	-4458 May 10 j 17:43	9°♄48'17	26°31'23	asc. node	-4457 Mar 21 j 01:29	26°♄36'14	
desc. node	-4458 May 15 j 23:53	14°♄04'44			-4457 Mar 22 j 14:52	0°♄	
retrograde	-4458 May 24 j 19:37	17°♄08'15		evening rise	-4457 Mar 26 j 15:38	8°♄38'56	
evening set	-4458 May 31 j 05:29	15°♄23'09			-4457 Apr 06 j 19:45	0°♄	
min. Earth dist.	-4458 Jun 04 j 06:58	12°♄41'12	0.59854 AU	evening max el	-4457 Apr 22 j 13:36	21°♄04'21	25°19'47
inferior conj	-4458 Jun 07 j 15:58	9°♄58'47	-4°15'05	desc. node	-4457 May 02 j 21:02	27°♄41'44	
minimum elong	-4458 Jun 07 j 15:17	10°♄00'09	4°14'56	retrograde	-4457 May 06 j 15:23	28°♄15'01	
morning rise	-4458 Jun 15 j 03:22	5°♄21'44		evening set	-4457 May 11 j 23:14	27°♄08'40	
direct	-4458 Jun 17 j 15:44	4°♄58'30		min. Earth dist.	-4457 May 17 j 02:06	24°♄18'18	0.57872 AU
morning max el	-4458 Jun 25 j 02:57	8°♄34'37	18°17'18	inferior conj	-4457 May 20 j 05:46	22°♄07'00	-3°51'45
asc. node	-4458 Jun 30 j 04:12	14°♄45'32		minimum elong	-4457 May 20 j 01:41	22°♄14'10	3°51'05
	-4458 Jul 09 j 00:54	0°♄		morning rise	-4457 May 28 j 07:04	17°♄50'24	
morning set	-4458 Jul 11 j 04:00	4°♄00'50		direct	-4457 May 30 j 18:29	17°♄31'38	
				morning max el	-4457 Jun 08 j 07:30	21°♄32'09	18°55'57
superior conj	-4458 Jul 20 j 15:59	21°♄46'49	1°47'34		-4457 Jun 15 j 00:19	0°♄	
minimum elong	-4458 Jul 20 j 17:33	21°♄53'54	1°47'44	asc. node	-4457 Jun 17 j 01:13	3°♄18'49	
	-4458 Jul 25 j 06:26	0°♄		morning set	-4457 Jun 24 j 22:29	17°♄59'40	
max. Earth dist.	-4458 Jul 28 j 03:38	4°♄59'21	1.40716 AU		-4457 Jul 01 j 01:18	0°♄	
evening rise	-4458 Aug 02 j 01:12	13°♄11'34					
desc. node	-4458 Aug 11 j 22:48	28°♄49'51		superior conj	-4457 Jul 03 j 12:13	4°♄44'03	1°48'34
	-4458 Aug 12 j 17:18	0°♄		minimum elong	-4457 Jul 03 j 11:27	4°♄40'21	1°48'45
	-4458 Sep 04 j 00:12	0°♄		max. Earth dist.	-4457 Jul 10 j 05:27	17°♄11'39	1.38775 AU
evening max el	-4458 Sep 05 j 07:04	1°♄20'07	23°05'46	evening rise	-4457 Jul 14 j 04:24	24°♄09'31	
retrograde	-4458 Sep 15 j 10:41	7°♄21'05			-4457 Jul 17 j 15:04	0°♄	
evening set	-4458 Sep 20 j 07:30	5°♄20'02		desc. node	-4457 Jul 29 j 19:49	19°♄09'56	
	-4458 Sep 24 j 21:50	30°♄♂			-4457 Aug 06 j 11:09	0°♄	
inferior conj	-4458 Sep 25 j 14:41	29°♄02'07	-0°10'48	evening max el	-4457 Aug 18 j 18:39	14°♄47'54	24°26'15
minimum elong	-4458 Sep 25 j 14:55	29°♄01'16	0°10'34	retrograde	-4457 Aug 30 j 00:38	21°♄23'29	
transit middle	-4458 Sep 25 j 14:55	29°♄01'16	0°10'34	evening set	-4457 Sep 04 j 12:24	19°♄03'07	
transit begin	-4458 Sep 25 j 12:52	29°♄08'22		min. Earth dist.	-4457 Sep 09 j 04:36	13°♄38'25	0.67211 AU
transit end	-4458 Sep 25 j 16:59	28°♄54'10		inferior conj	-4457 Sep 09 j 20:29	12°♄45'00	-1°03'58
min. Earth dist.	-4458 Sep 25 j 09:14	29°♄20'51	0.67400 AU	minimum elong	-4457 Sep 09 j 21:58	12°♄40'01	1°03'12
asc. node	-4458 Sep 26 j 03:19	28°♄18'39		asc. node	-4457 Sep 13 j 00:28	8°♄45'51	
morning rise	-4458 Sep 30 j 22:14	22°♄49'36		morning rise	-4457 Sep 15 j 07:30	6°♄38'39	
direct	-4458 Oct 05 j 04:55	21°♄08'34		direct	-4457 Sep 19 j 01:55	5°♄17'08	
morning max el	-4458 Oct 14 j 03:14	26°♄26'26	21°39'58	morning max el	-4457 Sep 27 j 00:17	9°♄55'10	20°25'14
	-4458 Oct 17 j 08:21	0°♄			-4457 Oct 12 j 01:43	0°♄	
desc. node	-4458 Nov 07 j 22:45	0°♄26'20		morning set	-4457 Oct 24 j 18:13	19°♄18'03	
	-4458 Nov 07 j 15:52	0°♄		desc. node	-4457 Oct 25 j 19:38	20°♄56'45	
morning set	-4458 Nov 14 j 18:25	11°♄03'41			-4457 Oct 31 j 13:59	0°♄	
max. Earth dist.	-4458 Nov 21 j 16:29	22°♄15'56	1.41827 AU	max. Earth dist.	-4457 Nov 04 j 00:57	5°♄31'13	1.43444 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4457 Nov 09 j 22:46	15°♄09'04	-1°26'20	desc. node	-4456 Oct 11 j 16:34	11°♊35'24	
minimum elong	-4457 Nov 09 j 16:17	14°♄42'18	1°25'46	max. Earth dist.	-4456 Oct 16 j 15:53	19°♊25'42	1.44482 AU
	-4457 Nov 18 j 17:44	0°♊					
evening rise	-4457 Nov 22 j 13:00	6°♊35'58		superior conj	-4456 Oct 19 j 14:04	24°♊04'20	-0°48'34
	-4457 Dec 06 j 18:17	0°♊		minimum elong	-4456 Oct 19 j 08:22	23°♊41'39	0°47'51
asc. node	-4457 Dec 09 j 23:16	3°♊49'25			-4456 Oct 23 j 06:57	0°♊	
evening max el	-4457 Dec 10 j 00:43	3°♊53'05	18°10'26	evening rise	-4456 Nov 03 j 04:15	17°♊47'52	
retrograde	-4457 Dec 16 j 14:18	7°♊22'29			-4456 Nov 10 j 12:59	0°♊	
evening set	-4457 Dec 19 j 08:48	6°♊44'01		evening max el	-4456 Nov 22 j 13:17	17°♊14'18	18°29'16
inferior conj	-4457 Dec 25 j 17:29	1°♊29'00	3°52'56	asc. node	-4456 Nov 25 j 20:23	19°♊55'07	
minimum elong	-4457 Dec 25 j 15:14	1°♊34'55	3°52'28	retrograde	-4456 Nov 29 j 04:05	20°♊54'04	
	-4457 Dec 27 j 03:19	30°♋♊		evening set	-4456 Dec 02 j 02:56	20°♊06'04	
min. Earth dist.	-4457 Dec 28 j 08:59	28°♊43'29	0.62722 AU	inferior conj	-4456 Dec 08 j 02:53	14°♊32'25	3°25'30
morning rise	-4457 Dec 31 j 20:53	25°♊35'36		minimum elong	-4456 Dec 07 j 23:45	14°♊41'28	3°24'41
direct	-4456 Jan 07 j 22:49	22°♊55'09		min. Earth dist.	-4456 Dec 10 j 03:44	12°♊11'01	0.64333 AU
	-4456 Jan 21 j 03:26	0°♊		morning rise	-4456 Dec 13 j 20:07	8°♊29'26	
desc. node	-4456 Jan 21 j 19:28	0°♊38'48		direct	-4456 Dec 20 j 17:26	5°♊38'51	
morning max el	-4456 Jan 21 j 19:07	0°♊37'56	27°41'52	morning max el	-4455 Jan 03 j 04:06	13°♊19'27	27°20'32
	-4456 Feb 12 j 08:06	0°♊		desc. node	-4455 Jan 07 j 16:30	18°♊12'52	
morning set	-4456 Feb 24 j 14:04	22°♊40'54			-4455 Jan 16 j 17:00	0°♊	
	-4456 Feb 28 j 03:14	0°♊			-4455 Feb 03 j 20:52	0°♊	
max. Earth dist.	-4456 Mar 01 j 04:25	4°♊20'43	1.33029 AU	morning set	-4455 Feb 07 j 08:18	6°♊39'49	
				max. Earth dist.	-4455 Feb 12 j 05:38	16°♊31'19	1.33807 AU
superior conj	-4456 Mar 03 j 01:54	8°♊25'06	-0°39'11	superior conj	-4455 Feb 15 j 07:49	22°♊59'42	-1°02'51
minimum elong	-4456 Mar 03 j 03:37	8°♊34'24	0°39'00	minimum elong	-4455 Feb 15 j 10:25	23°♊13'28	1°02'35
asc. node	-4456 Mar 06 j 22:31	16°♊46'07			-4455 Feb 18 j 14:46	0°♊	
evening rise	-4456 Mar 10 j 03:17	23°♊35'58		asc. node	-4455 Feb 21 j 19:32	6°♊47'41	
	-4456 Mar 13 j 05:48	0°♋		evening rise	-4455 Feb 22 j 14:16	8°♊26'00	
	-4456 Apr 01 j 09:15	0°♋			-4455 Mar 06 j 02:22	0°♋	
evening max el	-4456 Apr 03 j 05:49	1°♋52'41	23°50'00	evening max el	-4455 Mar 15 j 23:52	12°♋38'16	22°16'04
retrograde	-4456 Apr 16 j 22:46	8°♋42'41		retrograde	-4455 Mar 28 j 18:20	18°♋50'49	
desc. node	-4456 Apr 18 j 18:12	8°♋35'20		evening set	-4455 Mar 31 j 16:11	18°♋32'06	
evening set	-4456 Apr 20 j 22:56	8°♋07'15		desc. node	-4455 Apr 05 j 15:23	16°♋44'58	
min. Earth dist.	-4456 Apr 27 j 17:22	4°♋55'56	0.56250 AU	min. Earth dist.	-4455 Apr 09 j 07:27	14°♋47'15	0.55315 AU
inferior conj	-4456 Apr 29 j 23:28	3°♋33'31	-2°50'37	inferior conj	-4455 Apr 10 j 00:37	14°♋22'57	-1°11'53
minimum elong	-4456 Apr 29 j 17:41	3°♋42'23	2°49'07	minimum elong	-4455 Apr 09 j 21:22	14°♋27'33	1°10'52
	-4456 May 06 j 22:45	30°♌♋		morning rise	-4455 Apr 19 j 04:04	10°♋24'53	
morning rise	-4456 May 08 j 15:19	29°♋32'23		direct	-4455 Apr 21 j 18:57	10°♋09'18	
direct	-4456 May 11 j 02:34	29°♋16'41		morning max el	-4455 May 03 j 12:04	15°♋39'43	21°13'27
	-4456 May 15 j 02:00	0°♋			-4455 May 14 j 08:00	0°♋	
morning max el	-4456 May 21 j 03:06	3°♋56'09	19°55'06	asc. node	-4455 May 20 j 19:13	11°♋59'11	
asc. node	-4456 Jun 02 j 22:14	22°♋26'23		morning set	-4455 May 23 j 08:27	17°♋09'38	
	-4456 Jun 06 j 19:52	0°♌			-4455 May 29 j 12:22	0°♌	
morning set	-4456 Jun 08 j 00:51	2°♌25'18					
superior conj	-4456 Jun 15 j 23:01	18°♌27'32	1°41'03	superior conj	-4455 May 30 j 19:59	2°♌43'53	1°27'22
minimum elong	-4456 Jun 15 j 20:51	18°♌16'44	1°41'04	minimum elong	-4455 May 30 j 17:18	2°♌29'58	1°27'08
max. Earth dist.	-4456 Jun 21 j 09:11	29°♌01'10	1.36921 AU	max. Earth dist.	-4455 Jun 03 j 20:01	10°♌51'53	1.35340 AU
	-4456 Jun 21 j 21:38	0°♌		evening rise	-4455 Jun 08 j 06:22	19°♌29'28	
evening rise	-4456 Jun 25 j 07:54	6°♌20'24			-4455 Jun 14 j 00:17	0°♌	
	-4456 Jul 09 j 11:28	0°♌		desc. node	-4455 Jul 02 j 13:59	28°♌47'47	
desc. node	-4456 Jul 15 j 16:53	9°♌12'11			-4455 Jul 03 j 11:48	0°♌	
evening max el	-4456 Jul 31 j 05:21	28°♌18'52	25°40'07	evening max el	-4455 Jul 13 j 16:21	11°♌47'37	26°39'24
	-4456 Aug 02 j 00:25	0°♍		retrograde	-4455 Jul 26 j 15:00	19°♌05'39	
retrograde	-4456 Aug 12 j 10:13	5°♍20'42		evening set	-4455 Aug 02 j 06:54	16°♌18'36	
evening set	-4456 Aug 18 j 12:57	2°♍43'46		min. Earth dist.	-4455 Aug 06 j 06:27	12°♌09'41	0.65827 AU
	-4456 Aug 21 j 04:19	30°♍♌		inferior conj	-4455 Aug 07 j 22:30	10°♌09'13	-2°43'20
min. Earth dist.	-4456 Aug 22 j 20:27	27°♌56'19	0.66700 AU	minimum elong	-4455 Aug 08 j 01:56	9°♌58'55	2°42'03
inferior conj	-4456 Aug 23 j 23:46	26°♌28'35	-1°55'26	morning rise	-4455 Aug 13 j 21:16	4°♌24'47	
minimum elong	-4456 Aug 24 j 02:22	26°♌20'13	1°54'16	direct	-4455 Aug 16 j 21:37	3°♌33'39	
morning rise	-4456 Aug 29 j 15:52	20°♌31'37		asc. node	-4455 Aug 16 j 18:38	3°♌33'44	
asc. node	-4456 Aug 29 j 21:34	20°♌22'46		morning max el	-4455 Aug 23 j 14:48	7°♌17'23	18°37'30
direct	-4456 Sep 02 j 00:08	19°♌26'52			-4455 Sep 08 j 08:07	0°♍	
morning max el	-4456 Sep 09 j 04:37	23°♌33'17	19°23'39	morning set	-4455 Sep 12 j 23:55	7°♍30'51	
	-4456 Sep 14 j 12:10	0°♍			-4455 Sep 27 j 02:22	0°♍	
morning set	-4456 Oct 02 j 21:54	27°♍50'50					
	-4456 Oct 04 j 06:58	0°♍		superior conj	-4455 Sep 28 j 13:59	2°♍20'28	-0°00'08

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4455 Sep 28 j 13:58	2° \mathbb{M} 20'24	0°00'01	morning set	-4454 Aug 25 j 05:09	18° \mathbb{E} 28'56	
behind sun begin	-4455 Sep 28 j 04:29	1° \mathbb{M} 42'59			-4454 Sep 01 j 02:38	0° \mathbb{Q}	
behind sun end	-4455 Sep 28 j 23:28	2° \mathbb{M} 57'49					
desc. node	-4455 Sep 28 j 13:31	2° \mathbb{M} 18'34		superior conj	-4454 Sep 07 j 20:45	11° \mathbb{Q} 00'37	0°46'45
max. Earth dist.	-4455 Sep 29 j 09:34	3° \mathbb{M} 37'37	1.44815 AU	minimum elong	-4454 Sep 08 j 01:50	11° \mathbb{Q} 21'05	0°46'18
evening rise	-4455 Oct 14 j 18:52	27° \mathbb{M} 55'51		max. Earth dist.	-4454 Sep 12 j 02:46	17° \mathbb{Q} 48'13	1.44421 AU
	-4455 Oct 16 j 02:07	0° \mathbb{A}		desc. node	-4454 Sep 15 j 10:25	23° \mathbb{Q} 02'51	
greatest brilliancy	-4455 Oct 22 j 15:07	10° \mathbb{A} 22'46	-0.8m		-4454 Sep 19 j 20:57	0° \mathbb{M}	
	-4455 Nov 05 j 08:42	0° \mathbb{M}		evening rise	-4454 Sep 24 j 09:58	7° \mathbb{M} 03'35	
evening max el	-4455 Nov 05 j 23:41	0° \mathbb{M} 39'48	19°05'39	greatest brilliancy	-4454 Oct 07 j 16:46	27° \mathbb{M} 22'10	-0.7m
retrograde	-4455 Nov 12 j 22:55	4° \mathbb{M} 38'53			-4454 Oct 09 j 11:24	0° \mathbb{A}	
asc. node	-4455 Nov 12 j 17:29	4° \mathbb{M} 38'36		evening max el	-4454 Oct 20 j 05:45	14° \mathbb{A} 06'29	19°57'56
evening set	-4455 Nov 16 j 03:56	3° \mathbb{M} 39'19		retrograde	-4454 Oct 27 j 19:51	18° \mathbb{A} 32'36	
	-4455 Nov 20 j 02:40	30° \mathbb{R} \mathbb{A}		asc. node	-4454 Oct 30 j 14:35	17° \mathbb{A} 47'39	
inferior conj	-4455 Nov 21 j 21:10	27° \mathbb{A} 50'08	2°47'25	evening set	-4454 Oct 31 j 09:15	17° \mathbb{A} 18'49	
minimum elong	-4455 Nov 21 j 18:02	27° \mathbb{A} 59'57	2°46'23	inferior conj	-4454 Nov 05 j 21:36	11° \mathbb{A} 17'25	2°02'11
min. Earth dist.	-4455 Nov 23 j 07:58	26° \mathbb{A} 01'06	0.65596 AU	minimum elong	-4454 Nov 05 j 19:02	11° \mathbb{A} 25'54	2°01'14
morning rise	-4455 Nov 27 j 07:50	21° \mathbb{A} 40'14		min. Earth dist.	-4454 Nov 06 j 19:45	10° \mathbb{A} 04'04	0.66514 AU
direct	-4455 Dec 03 j 18:30	18° \mathbb{A} 52'58		morning rise	-4454 Nov 11 j 04:35	5° \mathbb{A} 03'15	
morning max el	-4455 Dec 16 j 13:56	26° \mathbb{A} 21'54	26°29'32	direct	-4454 Nov 17 j 01:17	2° \mathbb{A} 29'20	
	-4455 Dec 19 j 23:40	0° \mathbb{M}		morning max el	-4454 Nov 28 j 22:50	9° \mathbb{A} 32'57	25°17'12
desc. node	-4455 Dec 25 j 13:30	6° \mathbb{M} 48'06		desc. node	-4454 Dec 12 j 10:27	26° \mathbb{A} 06'02	
	-4454 Jan 10 j 06:31	0° \mathbb{A}			-4454 Dec 15 j 04:24	0° \mathbb{M}	
morning set	-4454 Jan 21 j 14:40	19° \mathbb{A} 58'26			-4453 Jan 02 j 20:30	0° \mathbb{A}	
max. Earth dist.	-4454 Jan 25 j 19:42	28° \mathbb{A} 06'18	1.35022 AU	morning set	-4453 Jan 04 j 04:07	2° \mathbb{A} 21'11	
	-4454 Jan 26 j 18:36	0° \mathbb{E}		max. Earth dist.	-4453 Jan 07 j 22:09	9° \mathbb{A} 14'25	1.36680 AU
superior conj	-4454 Jan 30 j 07:46	7° \mathbb{E} 11'44	-1°24'05	superior conj	-4453 Jan 13 j 22:53	20° \mathbb{A} 52'01	-1°41'12
minimum elong	-4454 Jan 30 j 10:50	7° \mathbb{E} 27'29	1°23'54	minimum elong	-4453 Jan 14 j 01:40	21° \mathbb{A} 05'51	1°41'12
evening rise	-4454 Feb 06 j 22:49	23° \mathbb{E} 02'56			-4453 Jan 18 j 12:03	0° \mathbb{E}	
asc. node	-4454 Feb 08 j 16:33	26° \mathbb{E} 36'13		evening rise	-4453 Jan 22 j 02:51	7° \mathbb{E} 19'41	
	-4454 Feb 10 j 09:20	0° \mathbb{A}		asc. node	-4453 Jan 26 j 13:35	16° \mathbb{E} 05'28	
evening max el	-4454 Feb 26 j 01:42	23° \mathbb{A} 46'45	20°50'24		-4453 Feb 03 j 21:09	0° \mathbb{A}	
retrograde	-4454 Mar 09 j 08:13	29° \mathbb{A} 08'44		evening max el	-4453 Feb 08 j 13:58	5° \mathbb{A} 29'28	19°40'24
evening set	-4454 Mar 11 j 17:27	28° \mathbb{A} 55'15		retrograde	-4453 Feb 18 j 03:58	10° \mathbb{A} 01'57	
inferior conj	-4454 Mar 20 j 20:10	24° \mathbb{A} 57'13	0°44'13	evening set	-4453 Feb 20 j 12:07	9° \mathbb{A} 46'58	
minimum elong	-4454 Mar 20 j 22:09	24° \mathbb{A} 54'21	0°43'24	inferior conj	-4453 Feb 28 j 23:58	5° \mathbb{A} 43'24	2°25'34
min. Earth dist.	-4454 Mar 21 j 21:47	24° \mathbb{A} 20'24	0.55281 AU	minimum elong	-4453 Mar 01 j 04:58	5° \mathbb{A} 35'27	2°24'00
desc. node	-4454 Mar 23 j 12:32	23° \mathbb{A} 26'00		min. Earth dist.	-4453 Mar 03 j 12:20	4° \mathbb{A} 08'05	0.56159 AU
morning rise	-4454 Mar 30 j 01:54	20° \mathbb{A} 43'53		morning rise	-4453 Mar 09 j 19:19	1° \mathbb{A} 02'16	
direct	-4454 Apr 02 j 07:08	20° \mathbb{A} 21'19		desc. node	-4453 Mar 10 j 09:40	0° \mathbb{A} 51'35	
morning max el	-4454 Apr 15 j 10:48	26° \mathbb{A} 44'18	22°46'35	direct	-4453 Mar 14 j 03:26	0° \mathbb{A} 19'59	
	-4454 Apr 18 j 13:48	0° \mathbb{A}		morning max el	-4453 Mar 28 j 02:40	7° \mathbb{A} 22'24	24°25'32
	-4454 May 06 j 18:52	0° \mathbb{Y}			-4453 Apr 13 j 12:26	0° \mathbb{A}	
morning set	-4454 May 07 j 19:15	2° \mathbb{Y} 06'23		morning set	-4453 Apr 22 j 07:25	17° \mathbb{A} 08'39	
asc. node	-4454 May 07 j 16:13	1° \mathbb{Y} 50'36		asc. node	-4453 Apr 24 j 13:12	21° \mathbb{A} 54'07	
					-4453 Apr 28 j 07:09	0° \mathbb{Y}	
superior conj	-4454 May 14 j 23:58	17° \mathbb{Y} 23'18	1°09'14	superior conj	-4453 Apr 29 j 08:25	2° \mathbb{Y} 16'44	0°47'57
minimum elong	-4454 May 14 j 21:24	17° \mathbb{Y} 09'43	1°08'52	minimum elong	-4453 Apr 29 j 06:27	2° \mathbb{Y} 06'06	0°47'35
max. Earth dist.	-4454 May 17 j 16:43	23° \mathbb{Y} 03'50	1.34122 AU	max. Earth dist.	-4453 Apr 30 j 22:22	5° \mathbb{Y} 41'09	1.33267 AU
	-4454 May 21 j 02:02	0° \mathbb{E}		evening rise	-4453 May 06 j 16:54	17° \mathbb{Y} 45'47	
evening rise	-4454 May 22 j 18:45	3° \mathbb{E} 22'25			-4453 May 13 j 00:33	0° \mathbb{E}	
	-4454 Jun 06 j 19:37	0° \mathbb{II}			-4453 Jun 01 j 07:41	0° \mathbb{II}	
desc. node	-4454 Jun 19 j 11:04	17° \mathbb{II} 45'15		desc. node	-4453 Jun 06 j 08:11	5° \mathbb{II} 48'28	
evening max el	-4454 Jun 26 j 03:30	25° \mathbb{II} 05'53	27°16'17	evening max el	-4453 Jun 08 j 13:07	8° \mathbb{II} 01'56	27°24'29
	-4454 Jul 02 j 05:09	0° \mathbb{E}		retrograde	-4453 Jun 22 j 07:59	15° \mathbb{II} 26'19	
retrograde	-4454 Jul 09 j 14:32	2° \mathbb{E} 30'25			-4453 Jun 29 j 11:11	12° \mathbb{II} 53'18	
	-4454 Jul 16 j 07:01	30° \mathbb{R} \mathbb{II}		evening set	-4453 Jun 29 j 11:11	12° \mathbb{II} 53'18	
evening set	-4454 Jul 16 j 15:28	29° \mathbb{II} 43'41		min. Earth dist.	-4453 Jul 03 j 01:17	9° \mathbb{II} 51'05	0.62951 AU
min. Earth dist.	-4454 Jul 20 j 08:34	26° \mathbb{II} 11'26	0.64575 AU	inferior conj	-4453 Jul 05 j 20:48	7° \mathbb{II} 04'07	-3°57'34
inferior conj	-4454 Jul 22 j 14:26	23° \mathbb{II} 42'55	-3°25'14	minimum elong	-4453 Jul 05 j 23:49	6° \mathbb{II} 56'39	3°56'55
minimum elong	-4454 Jul 22 j 18:07	23° \mathbb{II} 32'45	3°24'08	morning rise	-4453 Jul 12 j 13:29	1° \mathbb{II} 53'31	
morning rise	-4454 Jul 28 j 21:23	18° \mathbb{II} 13'57		direct	-4453 Jul 15 j 04:40	1° \mathbb{II} 20'52	
direct	-4454 Jul 31 j 16:06	17° \mathbb{II} 33'21		asc. node	-4453 Jul 21 j 12:47	4° \mathbb{II} 29'03	
asc. node	-4454 Aug 03 j 15:43	18° \mathbb{II} 19'44		morning max el	-4453 Jul 21 j 19:19	4° \mathbb{II} 44'54	17°56'45
morning max el	-4454 Aug 07 j 04:32	21° \mathbb{II} 02'58	18°08'09	morning set	-4453 Aug 07 j 10:08	0° \mathbb{E} 35'20	
	-4454 Aug 14 j 00:12	0° \mathbb{E}			-4453 Aug 07 j 02:09	0° \mathbb{E}	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4453 Aug 19 j 03:33	20° \mathfrak{D} 52'45	1°21'47	superior conj	-4452 Jul 30 j 13:52	2° \mathfrak{D} 06'50	1°42'01
minimum elong	-4453 Aug 19 j 09:08	21° \mathfrak{D} 16'09	1°21'27	minimum elong	-4452 Jul 30 j 17:03	2° \mathfrak{D} 20'54	1°42'03
	-4453 Aug 24 j 16:01	0° \mathfrak{Q}		max. Earth dist.	-4452 Aug 07 j 02:20	15° \mathfrak{D} 01'44	1.41784 AU
max. Earth dist.	-4453 Aug 25 j 17:05	1° \mathfrak{Q} 41'40	1.43365 AU	evening rise	-4452 Aug 13 j 02:13	24° \mathfrak{D} 49'36	
desc. node	-4453 Sep 02 j 07:21	13° \mathfrak{Q} 45'30			-4452 Aug 16 j 08:38	0° \mathfrak{Q}	
evening rise	-4453 Sep 03 j 13:44	15° \mathfrak{Q} 43'48		desc. node	-4452 Aug 19 j 04:19	4° \mathfrak{Q} 22'44	
	-4453 Sep 12 j 22:13	0° \mathfrak{R}			-4452 Sep 05 j 20:51	0° \mathfrak{R}	
evening max el	-4453 Oct 03 j 06:03	27° \mathfrak{R} 32'59	21°03'44	evening max el	-4452 Sep 15 j 00:06	10° \mathfrak{R} 58'04	22°19'31
	-4453 Oct 05 j 22:01	0° \mathfrak{A}		retrograde	-4452 Sep 24 j 11:54	16° \mathfrak{R} 36'12	
retrograde	-4453 Oct 11 j 16:45	2° \mathfrak{A} 32'47		evening set	-4452 Sep 29 j 00:46	14° \mathfrak{R} 46'21	
evening set	-4453 Oct 15 j 16:50	1° \mathfrak{A} 02'04		asc. node	-4452 Oct 03 j 08:51	9° \mathfrak{R} 50'24	
	-4453 Oct 16 j 21:24	30° \mathfrak{R} \mathfrak{R}		inferior conj	-4452 Oct 04 j 08:12	8° \mathfrak{R} 30'13	0°19'55
asc. node	-4453 Oct 17 j 11:42	29° \mathfrak{R} 23'31		minimum elong	-4452 Oct 04 j 07:44	8° \mathfrak{R} 31'49	0°19'48
inferior conj	-4453 Oct 21 j 01:55	24° \mathfrak{R} 51'39	1°12'23	min. Earth dist.	-4452 Oct 04 j 08:33	8° \mathfrak{R} 29'00	0.67384 AU
minimum elong	-4453 Oct 21 j 00:18	24° \mathfrak{R} 57'11	1°11'45	morning rise	-4452 Oct 09 j 14:34	2° \mathfrak{R} 15'54	
min. Earth dist.	-4453 Oct 21 j 12:45	24° \mathfrak{R} 14'38	0.67104 AU	direct	-4452 Oct 14 j 05:11	0° \mathfrak{R} 22'53	
morning rise	-4453 Oct 26 j 07:36	18° \mathfrak{R} 36'02		morning max el	-4452 Oct 23 j 19:05	6° \mathfrak{R} 05'05	22°27'18
direct	-4453 Oct 31 j 13:08	16° \mathfrak{R} 21'27			-4452 Nov 11 j 02:31	0° \mathfrak{A}	
morning max el	-4453 Nov 11 j 07:37	22° \mathfrak{R} 47'20	23°53'21	desc. node	-4452 Nov 15 j 04:18	6° \mathfrak{A} 03'50	
	-4453 Nov 17 j 15:31	0° \mathfrak{A}		morning set	-4452 Nov 26 j 05:12	23° \mathfrak{A} 20'12	
desc. node	-4453 Nov 29 j 07:23	15° \mathfrak{A} 54'27			-4452 Nov 30 j 06:14	0° \mathfrak{M}	
	-4453 Dec 08 j 13:18	0° \mathfrak{M}		max. Earth dist.	-4452 Dec 01 j 16:14	2° \mathfrak{M} 22'59	1.40728 AU
morning set	-4453 Dec 16 j 18:40	13° \mathfrak{M} 32'21					
max. Earth dist.	-4453 Dec 20 j 18:21	20° \mathfrak{M} 28'35	1.38666 AU	superior conj	-4452 Dec 09 j 10:26	15° \mathfrak{M} 54'03	-1°52'54
	-4453 Dec 26 j 00:13	0° \mathfrak{X}		minimum elong	-4452 Dec 09 j 09:05	15° \mathfrak{M} 48'03	1°53'01
					-4452 Dec 17 j 02:20	0° \mathfrak{X}	
superior conj	-4453 Dec 28 j 01:26	3° \mathfrak{X} 50'41	-1°51'51	evening rise	-4452 Dec 19 j 11:25	4° \mathfrak{X} 28'04	
minimum elong	-4453 Dec 28 j 02:51	3° \mathfrak{X} 57'23	1°52'00	asc. node	-4452 Dec 30 j 07:41	23° \mathfrak{X} 38'19	
evening rise	-4452 Jan 06 j 00:03	21° \mathfrak{X} 10'36			-4451 Jan 04 j 05:28	0° \mathfrak{Z}	
	-4452 Jan 10 j 14:18	0° \mathfrak{Z}		evening max el	-4451 Jan 04 j 17:52	0° \mathfrak{Z} 31'14	18°18'43
asc. node	-4452 Jan 13 j 10:37	5° \mathfrak{Z} 08'59		retrograde	-4451 Jan 11 j 23:01	4° \mathfrak{Z} 06'46	
evening max el	-4452 Jan 22 j 12:06	17° \mathfrak{Z} 46'32	18°49'28	evening set	-4451 Jan 14 j 12:41	3° \mathfrak{Z} 40'32	
retrograde	-4452 Jan 30 j 16:08	21° \mathfrak{Z} 42'39			-4451 Jan 20 j 10:51	30° \mathfrak{R} \mathfrak{X}	
evening set	-4452 Feb 02 j 03:03	21° \mathfrak{Z} 22'45		inferior conj	-4451 Jan 21 j 16:03	28° \mathfrak{X} 58'37	4°01'04
inferior conj	-4452 Feb 09 j 21:46	17° \mathfrak{Z} 02'05	3°31'36	minimum elong	-4451 Jan 21 j 17:18	28° \mathfrak{X} 55'57	4°00'47
minimum elong	-4452 Feb 10 j 01:49	16° \mathfrak{Z} 54'38	3°30'42	min. Earth dist.	-4451 Jan 25 j 00:06	26° \mathfrak{X} 09'09	0.59676 AU
min. Earth dist.	-4452 Feb 13 j 04:06	14° \mathfrak{Z} 39'39	0.57739 AU	morning rise	-4451 Jan 28 j 20:05	23° \mathfrak{X} 27'05	
morning rise	-4452 Feb 17 j 22:08	11° \mathfrak{Z} 52'40		direct	-4451 Feb 04 j 08:59	21° \mathfrak{X} 32'26	
direct	-4452 Feb 23 j 12:16	10° \mathfrak{Z} 37'01		desc. node	-4451 Feb 11 j 03:54	23° \mathfrak{X} 26'38	
desc. node	-4452 Feb 25 j 06:48	10° \mathfrak{Z} 44'39		morning max el	-4451 Feb 18 j 14:00	29° \mathfrak{X} 08'20	27°04'04
morning max el	-4452 Mar 08 j 17:54	18° \mathfrak{Z} 01'18	25°56'19		-4451 Feb 19 j 10:48	0° \mathfrak{Z}	
	-4452 Mar 18 j 16:52	0° \mathfrak{A}			-4451 Mar 12 j 10:19	0° \mathfrak{A}	
	-4452 Apr 04 j 18:15	0° \mathfrak{H}		morning set	-4451 Mar 21 j 05:07	17° \mathfrak{A} 05'23	
morning set	-4452 Apr 05 j 19:16	2° \mathfrak{H} 10'21			-4451 Mar 27 j 05:44	0° \mathfrak{H}	
asc. node	-4452 Apr 10 j 10:10	12° \mathfrak{H} 04'57					
				superior conj	-4451 Mar 28 j 07:09	2° \mathfrak{H} 18'59	-0°00'00
superior conj	-4452 Apr 12 j 19:23	17° \mathfrak{H} 17'15	0°24'35	minimum elong	-4451 Mar 28 j 07:10	2° \mathfrak{H} 19'00	0°00'06
minimum elong	-4452 Apr 12 j 18:19	17° \mathfrak{H} 11'25	0°24'18	behind sun begin	-4451 Mar 28 j 02:12	1° \mathfrak{H} 51'52	
max. Earth dist.	-4452 Apr 13 j 09:52	18° \mathfrak{H} 36'18	1.32760 AU	behind sun end	-4451 Mar 28 j 12:07	2° \mathfrak{H} 46'09	
	-4452 Apr 18 j 17:08	0° \mathfrak{Y}		max. Earth dist.	-4451 Mar 27 j 23:30	1° \mathfrak{H} 37'05	1.32584 AU
evening rise	-4452 Apr 19 j 21:42	2° \mathfrak{Y} 28'54		asc. node	-4451 Mar 28 j 07:10	2° \mathfrak{H} 19'01	
	-4452 May 04 j 22:30	0° \mathfrak{B}		evening rise	-4451 Apr 04 j 06:44	17° \mathfrak{H} 23'29	
evening max el	-4452 May 20 j 18:31	20° \mathfrak{B} 22'45	27°00'05		-4451 Apr 10 j 14:13	0° \mathfrak{Y}	
desc. node	-4452 May 23 j 05:19	22° \mathfrak{B} 34'08			-4451 Apr 30 j 17:33	0° \mathfrak{B}	
retrograde	-4452 Jun 03 j 18:10	27° \mathfrak{B} 44'14		evening max el	-4451 May 02 j 17:44	2° \mathfrak{B} 01'28	26°03'56
evening set	-4452 Jun 10 j 13:57	25° \mathfrak{B} 38'34		desc. node	-4451 May 10 j 02:29	7° \mathfrak{B} 31'15	
min. Earth dist.	-4452 Jun 14 j 08:02	22° \mathfrak{B} 54'06	0.61031 AU	retrograde	-4451 May 16 j 19:52	9° \mathfrak{B} 18'17	
inferior conj	-4452 Jun 17 j 14:13	20° \mathfrak{B} 04'18	-4°14'55	evening set	-4451 May 22 j 20:12	7° \mathfrak{B} 49'32	
minimum elong	-4452 Jun 17 j 15:16	20° \mathfrak{B} 02'00	4°14'43	min. Earth dist.	-4451 May 27 j 06:20	5° \mathfrak{B} 06'13	0.58988 AU
morning rise	-4452 Jun 24 j 18:17	15° \mathfrak{B} 14'35		inferior conj	-4451 May 30 j 15:03	2° \mathfrak{B} 34'19	-4°09'20
direct	-4452 Jun 27 j 07:32	14° \mathfrak{B} 48'07		minimum elong	-4451 May 30 j 12:54	2° \mathfrak{B} 38'24	4°09'04
morning max el	-4452 Jul 04 j 08:23	18° \mathfrak{B} 16'15	18°04'12		-4451 Jun 03 j 06:28	30° \mathfrak{R} \mathfrak{Y}	
asc. node	-4452 Jul 07 j 09:50	21° \mathfrak{B} 45'34		morning rise	-4451 Jun 07 j 08:11	28° \mathfrak{Y} 06'33	
	-4452 Jul 12 j 20:03	0° \mathfrak{I}		direct	-4451 Jun 09 j 20:17	27° \mathfrak{Y} 45'14	
morning set	-4452 Jul 20 j 09:20	13° \mathfrak{I} 34'45			-4451 Jun 15 j 22:28	0° \mathfrak{B}	
	-4452 Jul 29 j 09:15	0° \mathfrak{D}		morning max el	-4451 Jun 17 j 16:58	1° \mathfrak{B} 29'32	18°31'20
				asc. node	-4451 Jun 24 j 06:53	9° \mathfrak{B} 54'51	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning set	-4451 Jul 03 j 21:56	27° 8 15'13		morning set	-4450 Jun 17 j 20:06	11° 8 26'05	
	-4451 Jul 05 j 08:10	0° II					
superior conj	-4451 Jul 12 j 23:30	14° II 32'02	1°49'12	superior conj	-4450 Jun 26 j 02:32	27° 8 50'48	1°46'16
minimum elong	-4451 Jul 12 j 23:58	14° II 34'12	1°49'24	minimum elong	-4450 Jun 26 j 01:03	27° 8 43'36	1°46'23
max. Earth dist.	-4451 Jul 20 j 06:03	27° II 38'13	1.39894 AU	max. Earth dist.	-4450 Jun 27 j 05:11	0° II	
	-4451 Jul 21 j 14:47	0° ☾		evening rise	-4450 Jul 02 j 07:25	9° II 35'48	1.37957 AU
evening rise	-4451 Jul 24 j 14:07	5° ☾ 02'54		evening rise	-4450 Jul 06 j 04:10	16° II 33'06	
desc. node	-4451 Aug 06 j 01:19	24° ☾ 50'52		desc. node	-4450 Jul 14 j 03:09	0° ☾	
	-4451 Aug 09 j 12:44	0° ♍		desc. node	-4450 Jul 23 j 22:23	15° ☾ 04'22	
evening max el	-4451 Aug 28 j 13:14	24° ♍ 24'06	23°40'07	evening max el	-4450 Aug 03 j 23:19	0° ♍	
	-4451 Sep 05 j 01:06	0° ♎		retrograde	-4450 Aug 10 j 24:00	7° ♍ 52'58	24°58'54
retrograde	-4451 Sep 08 j 04:11	0° ♎ 40'39		retrograde	-4450 Aug 22 j 16:33	14° ♍ 41'50	
	-4451 Sep 11 j 02:03	30° ♎ ♍		evening set	-4450 Aug 28 j 10:41	12° ♍ 13'48	
evening set	-4451 Sep 13 j 07:20	28° ♍ 30'57		min. Earth dist.	-4450 Sep 01 j 23:02	7° ♍ 04'33	0.67032 AU
min. Earth dist.	-4451 Sep 18 j 04:47	22° ♍ 46'14	0.67365 AU	inferior conj	-4450 Sep 02 j 19:41	5° ♍ 56'15	-1°26'07
inferior conj	-4451 Sep 18 j 14:42	22° ♍ 12'23	-0°33'27	minimum elong	-4450 Sep 02 j 21:40	5° ♍ 49'43	1°25'09
minimum elong	-4451 Sep 18 j 15:28	22° ♍ 09'43	0°32'59	asc. node	-4450 Sep 07 j 03:08	0° ♍ 52'39	
asc. node	-4451 Sep 20 j 06:01	20° ♍ 00'30		morning rise	-4450 Sep 08 j 08:40	29° ☾ 53'25	
morning rise	-4451 Sep 23 j 23:33	16° ♍ 02'18			-4450 Sep 08 j 04:56	30° ♎ ☾	
direct	-4451 Sep 28 j 00:42	14° ♍ 30'05		direct	-4450 Sep 11 j 22:22	28° ☾ 39'34	
morning max el	-4451 Oct 06 j 12:16	19° ♍ 30'07	21°06'45	morning max el	-4450 Sep 15 j 21:42	0° ♍	
	-4451 Oct 15 j 01:52	0° ♎		morning max el	-4450 Sep 19 j 12:34	3° ♍ 03'35	19°57'13
desc. node	-4451 Nov 02 j 01:12	26° ♎ 28'13		morning set	-4450 Oct 08 j 21:37	0° ♎	
	-4451 Nov 04 j 07:52	0° ♏		morning set	-4450 Oct 15 j 12:16	10° ♎ 11'02	
morning set	-4451 Nov 05 j 13:42	1° ♏ 56'30		desc. node	-4450 Oct 19 j 22:07	17° ♎ 03'00	
max. Earth dist.	-4451 Nov 13 j 20:28	15° ♏ 10'05	1.42577 AU	max. Earth dist.	-4450 Oct 27 j 07:29	28° ♎ 42'48	1.43963 AU
					-4450 Oct 28 j 02:50	0° ♏	
superior conj	-4451 Nov 20 j 20:09	26° ♏ 48'15	-1°40'40	superior conj	-4450 Nov 01 j 02:33	6° ♏ 25'22	-1°12'11
minimum elong	-4451 Nov 20 j 15:14	26° ♏ 27'18	1°40'24	minimum elong	-4450 Oct 31 j 19:43	5° ♏ 57'41	1°11'28
	-4451 Nov 22 j 17:00	0° ♐		evening rise	-4450 Nov 14 j 13:04	28° ♏ 50'02	
evening rise	-4451 Dec 02 j 09:15	17° ♐ 04'17			-4450 Nov 15 j 05:27	0° ♐	
	-4451 Dec 09 j 16:22	0° ♑		evening max el	-4450 Dec 02 j 17:15	26° ♐ 53'28	18°16'14
asc. node	-4451 Dec 17 j 04:48	11° ♑ 22'51		asc. node	-4450 Dec 04 j 01:55	28° ♐ 09'30	
evening max el	-4451 Dec 19 j 04:32	13° ♑ 35'53	18°07'54		-4450 Dec 07 j 00:58	0° ♑	
retrograde	-4451 Dec 25 j 21:19	17° ♑ 04'22		retrograde	-4450 Dec 09 j 06:32	0° ♑ 26'10	
evening set	-4451 Dec 28 j 13:44	16° ♑ 30'51			-4450 Dec 11 j 12:01	30° ♎ ♐	
inferior conj	-4450 Jan 04 j 04:30	11° ♑ 27'38	4°01'56	evening set	-4450 Dec 12 j 02:37	29° ♐ 44'01	
minimum elong	-4450 Jan 04 j 03:14	11° ♑ 30'45	4°01'39	inferior conj	-4450 Dec 18 j 07:21	24° ♐ 21'01	3°42'52
min. Earth dist.	-4450 Jan 07 j 03:41	8° ♑ 34'29	0.61655 AU	minimum elong	-4450 Dec 18 j 04:36	24° ♐ 28'34	3°42'15
morning rise	-4450 Jan 10 j 15:34	5° ♑ 40'38		min. Earth dist.	-4450 Dec 20 j 16:49	21° ♐ 43'58	0.63447 AU
direct	-4450 Jan 17 j 15:52	3° ♑ 12'53		morning rise	-4450 Dec 24 j 05:55	18° ♐ 23'07	
desc. node	-4450 Jan 29 j 00:58	8° ♑ 30'08		direct	-4450 Dec 31 j 06:54	15° ♐ 36'08	
morning max el	-4450 Jan 31 j 16:31	10° ♑ 55'20	27°38'32	morning max el	-4449 Jan 13 j 23:44	23° ♐ 19'40	27°36'47
	-4450 Feb 15 j 16:34	0° ♒		desc. node	-4449 Jan 15 j 21:59	25° ♐ 18'35	
	-4450 Mar 04 j 14:06	0° ♓			-4449 Jan 20 j 00:05	0° ♑	
morning set	-4450 Mar 05 j 10:52	1° ♓ 45'41			-4449 Feb 08 j 21:50	0° ♒	
max. Earth dist.	-4450 Mar 11 j 11:14	14° ♓ 28'09	1.32754 AU	morning set	-4449 Feb 17 j 10:10	16° ♒ 02'46	
				max. Earth dist.	-4449 Feb 22 j 17:11	26° ♒ 55'59	1.33303 AU
superior conj	-4450 Mar 12 j 18:02	17° ♓ 15'15	-0°24'59		-4449 Feb 24 j 03:52	0° ♓	
minimum elong	-4450 Mar 12 j 19:09	17° ♓ 21'20	0°24'54	superior conj	-4449 Feb 25 j 02:20	2° ♓ 00'02	-0°49'25
asc. node	-4450 Mar 15 j 04:08	22° ♓ 31'35		minimum elong	-4449 Feb 25 j 04:28	2° ♓ 11'26	0°49'12
	-4450 Mar 18 j 15:14	0° ♈		asc. node	-4449 Mar 02 j 01:09	12° ♓ 38'37	
evening rise	-4450 Mar 19 j 17:55	2° ♈ 21'23		evening rise	-4449 Mar 04 j 05:28	17° ♓ 16'12	
	-4450 Apr 03 j 21:31	0° ♉			-4449 Mar 10 j 14:12	0° ♈	
evening max el	-4450 Apr 14 j 11:17	13° ♉ 02'28	24°43'03	evening max el	-4449 Mar 27 j 03:31	23° ♈ 46'25	23°09'49
desc. node	-4450 Apr 26 j 23:41	20° ♉ 02'09			-4449 Apr 06 j 09:13	0° ♉	
retrograde	-4450 Apr 28 j 10:58	20° ♉ 07'11		retrograde	-4449 Apr 09 j 13:11	0° ♉ 22'41	
evening set	-4450 May 03 j 05:25	19° ♉ 15'22			-4449 Apr 12 j 18:21	30° ♎ ♈	
min. Earth dist.	-4450 May 08 j 23:27	16° ♉ 17'24	0.57110 AU	evening set	-4449 Apr 13 j 00:29	29° ♈ 56'19	
inferior conj	-4450 May 11 j 20:14	14° ♉ 24'50	-3°30'50	desc. node	-4449 Apr 13 j 20:50	29° ♈ 42'16	
minimum elong	-4450 May 11 j 15:02	14° ♉ 33'25	3°29'46	min. Earth dist.	-4449 Apr 20 j 14:19	26° ♈ 32'18	0.55748 AU
morning rise	-4450 May 20 j 03:49	10° ♉ 16'09		inferior conj	-4449 Apr 22 j 06:02	25° ♈ 34'05	-2°12'40
direct	-4450 May 22 j 14:48	9° ♉ 59'03		minimum elong	-4449 Apr 22 j 00:45	25° ♈ 41'50	2°11'07
morning max el	-4450 May 31 j 18:06	14° ♉ 14'19	19°18'43	morning rise	-4449 May 01 j 03:27	21° ♈ 35'50	
asc. node	-4450 Jun 11 j 03:54	28° ♉ 43'47		direct	-4449 May 03 j 15:14	21° ♈ 20'47	
	-4450 Jun 11 j 20:55	0° ♊					

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning max el	-4449 May 14 j 09:17	26° X 21'31	20°26'12	morning max el	-4448 Apr 25 j 13:28	7° X 46'47	21°51'39
	-4449 May 17 j 18:50	0° Y			-4448 May 10 j 23:27	0° Y	
asc. node	-4449 May 29 j 00:53	18° Y 02'43		asc. node	-4448 May 14 j 21:52	7° Y 44'08	
morning set	-4449 Jun 02 j 00:54	25° Y 59'50		morning set	-4448 May 16 j 10:05	10° Y 50'08	
	-4449 Jun 03 j 23:48	0° Z					
superior conj	-4449 Jun 09 j 18:02	11° Z 49'01	1°35'54	superior conj	-4448 May 23 j 18:18	26° Y 15'55	1°20'07
minimum elong	-4449 Jun 09 j 15:33	11° Z 36'25	1°35'47	minimum elong	-4448 May 23 j 15:35	26° Y 01'45	1°19'50
max. Earth dist.	-4449 Jun 14 j 13:15	21° Z 20'48	1.36208 AU	max. Earth dist.	-4448 May 25 j 13:25	0° Z	
evening rise	-4449 Jun 18 j 16:23	29° Z 10'24		evening rise	-4448 May 27 j 04:29	3° Z 20'17	1.34778 AU
	-4449 Jun 19 j 03:08	0° II			-4448 May 31 j 21:19	12° Z 39'50	
	-4449 Jul 07 j 08:19	0° III			-4448 Jun 10 j 11:11	0° II	
desc. node	-4449 Jul 10 j 19:29	4° III 56'12		desc. node	-4448 Jun 26 j 16:33	24° II 17'11	
evening max el	-4449 Jul 24 j 10:49	21° III 23'55	26°07'44	evening max el	-4448 Jul 01 j 08:47	0° III	
retrograde	-4449 Aug 06 j 00:14	28° III 34'05		retrograde	-4448 Jul 05 j 22:16	4° III 50'27	26°58'23
evening set	-4449 Aug 12 j 08:43	25° III 52'09		evening set	-4448 Jul 19 j 02:37	12° III 11'25	
min. Earth dist.	-4449 Aug 16 j 12:48	21° III 20'45	0.66368 AU	min. Earth dist.	-4448 Jul 25 j 23:02	9° III 23'19	
inferior conj	-4449 Aug 17 j 21:17	19° III 38'56	-2°16'21	inferior conj	-4448 Jul 29 j 19:42	5° III 30'20	0.65340 AU
minimum elong	-4449 Aug 18 j 00:17	19° III 29'32	2°15'05	minimum elong	-4448 Jul 31 j 17:26	3° III 17'28	-3°02'03
morning rise	-4449 Aug 23 j 15:59	13° III 46'39			-4448 Jul 31 j 21:03	3° III 06'57	3°00'47
asc. node	-4449 Aug 25 j 00:14	13° III 07'40			-4448 Aug 03 j 17:47	30° R II	
direct	-4449 Aug 26 j 20:36	12° III 48'01		morning rise	-4448 Aug 06 j 19:27	27° II 39'04	
morning max el	-4449 Sep 02 j 19:30	16° III 43'59	19°01'58	direct	-4448 Aug 09 j 17:15	26° II 52'35	
	-4449 Sep 12 j 18:13	0° II		asc. node	-4448 Aug 10 j 21:18	27° II 00'03	
morning set	-4449 Sep 24 j 23:56	19° II 08'24		morning max el	-4448 Aug 15 j 19:37	0° III	
	-4449 Oct 01 j 21:11	0° III		morning set	-4448 Aug 16 j 07:26	0° III 29'05	18°22'55
desc. node	-4449 Oct 06 j 19:02	7° III 43'53			-4448 Sep 04 j 13:43	29° III 22'45	
max. Earth dist.	-4449 Oct 09 j 23:44	12° III 46'10	1.44713 AU		-4448 Sep 04 j 22:48	0° II	
superior conj	-4449 Oct 11 j 09:06	14° III 57'51	-0°28'43	superior conj	-4448 Sep 19 j 09:04	23° II 16'03	0°20'43
minimum elong	-4449 Oct 11 j 05:26	14° III 43'21	0°28'10	minimum elong	-4448 Sep 19 j 11:41	23° II 26'26	0°20'30
	-4449 Oct 20 j 19:48	0° IV		max. Earth dist.	-4448 Sep 21 j 18:10	27° II 01'55	1.44739 AU
evening rise	-4449 Oct 26 j 18:07	9° IV 35'08		desc. node	-4448 Sep 22 j 15:59	28° II 28'00	
	-4449 Nov 08 j 11:07	0° V			-4448 Sep 23 j 15:20	0° III	
evening max el	-4449 Nov 16 j 05:17	10° V 17'33	18°42'42	evening rise	-4448 Oct 05 j 22:07	19° III 16'12	
asc. node	-4449 Nov 20 j 23:02	13° V 42'22			-4448 Oct 12 j 18:46	0° IV	
retrograde	-4449 Nov 22 j 22:43	14° V 04'07		greatest brilliancy	-4448 Oct 16 j 14:07	5° IV 53'42	-0.8m
evening set	-4449 Nov 25 j 24:00	13° V 11'28		evening max el	-4448 Oct 29 j 14:09	23° IV 44'16	19°25'59
inferior conj	-4449 Dec 01 j 20:53	7° V 31'03	3°10'22	retrograde	-4448 Nov 05 j 18:44	27° IV 53'33	
minimum elong	-4449 Dec 01 j 17:40	7° V 40'42	3°09'26	asc. node	-4448 Nov 06 j 20:08	27° IV 47'04	
min. Earth dist.	-4449 Dec 03 j 15:40	5° V 22'42	0.64922 AU	evening set	-4448 Nov 09 j 03:09	26° IV 48'04	
morning rise	-4449 Dec 07 j 10:57	1° V 25'03		inferior conj	-4448 Nov 14 j 18:05	20° IV 53'11	2°28'55
	-4449 Dec 09 j 09:21	30° R IV		minimum elong	-4448 Nov 14 j 15:08	21° IV 02'40	2°27'54
direct	-4449 Dec 14 j 04:30	28° IV 34'12		min. Earth dist.	-4448 Nov 15 j 23:14	19° IV 19'28	0.66037 AU
	-4449 Dec 19 j 10:23	0° V		morning rise	-4448 Nov 20 j 02:54	14° IV 41'23	
morning max el	-4449 Dec 27 j 09:07	6° V 10'48	27°01'54	direct	-4448 Nov 26 j 07:56	11° IV 59'02	
desc. node	-4448 Jan 02 j 18:58	13° V 21'09		morning max el	-4448 Dec 08 j 18:36	19° IV 17'56	26°00'47
	-4448 Jan 14 j 18:41	0° VI			-4448 Dec 17 j 22:46	0° V	
morning set	-4448 Jan 31 j 23:48	29° VI 45'43		desc. node	-4448 Dec 19 j 15:57	2° V 16'13	
	-4448 Feb 01 j 02:46	0° VII			-4447 Jan 06 j 19:56	0° VI	
max. Earth dist.	-4448 Feb 05 j 13:44	8° VII 50'24	1.34273 AU	morning set	-4447 Jan 13 j 23:38	12° VI 42'07	
				max. Earth dist.	-4447 Jan 17 j 22:51	20° VI 12'26	1.35689 AU
					-4447 Jan 22 j 21:33	0° VII	
superior conj	-4448 Feb 09 j 06:00	16° VII 25'57	-1°12'14	superior conj	-4447 Jan 23 j 02:36	0° VII 25'31	-1°31'59
minimum elong	-4448 Feb 09 j 08:52	16° VII 40'56	1°12'00	minimum elong	-4447 Jan 23 j 05:39	0° VII 41'01	1°31'51
	-4448 Feb 15 j 16:24	0° VIII		evening rise	-4447 Jan 30 j 22:32	16° VII 30'27	
evening rise	-4448 Feb 16 j 15:37	2° VIII 01'12		asc. node	-4447 Feb 02 j 19:10	22° VII 16'08	
asc. node	-4448 Feb 16 j 22:09	2° VIII 35'08			-4447 Feb 06 j 20:58	0° VIII	
	-4448 Mar 03 j 19:10	0° IX		evening max el	-4447 Feb 18 j 06:30	16° VIII 01'13	20°18'15
evening max el	-4448 Mar 08 j 00:26	4° IX 39'26	21°38'02	retrograde	-4447 Feb 28 j 19:22	21° VIII 01'10	
retrograde	-4448 Mar 20 j 04:33	10° IX 30'32		evening set	-4447 Mar 03 j 03:22	20° VIII 47'30	
evening set	-4448 Mar 22 j 19:24	10° IX 15'07		inferior conj	-4447 Mar 12 j 00:22	16° VIII 48'35	1°30'46
desc. node	-4448 Mar 30 j 17:57	6° IX 59'32		minimum elong	-4447 Mar 12 j 04:08	16° VIII 42'59	1°29'25
inferior conj	-4448 Apr 01 j 03:02	6° IX 13'16	-0°22'51	min. Earth dist.	-4447 Mar 13 j 18:20	15° VIII 46'25	0.55556 AU
minimum elong	-4448 Apr 01 j 01:58	6° IX 14'46	0°22'35	desc. node	-4447 Mar 17 j 15:05	13° VIII 42'11	
min. Earth dist.	-4448 Apr 01 j 04:21	6° IX 11'24	0.55189 AU	morning rise	-4447 Mar 21 j 03:15	12° VIII 24'45	
morning rise	-4448 Apr 10 j 08:55	2° IX 10'51		direct	-4447 Mar 24 j 18:48	11° VIII 55'41	
direct	-4448 Apr 13 j 04:37	1° IX 53'15					

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning max el	-4447 Apr 07 j 08:32	18° \approx 36'47	23°28'51	direct	-4446 Mar 05 j 19:58	21° \approx 59'25	
	-4447 Apr 16 j 16:39	0° H		morning max el	-4446 Mar 19 j 23:41	29° \approx 13'17	25°06'07
morning set	-4447 Apr 30 j 21:41	25° H 50'03			-4446 Mar 20 j 18:43	0° \approx	
asc. node	-4447 May 01 j 18:50	27° H 41'13			-4446 Apr 10 j 00:22	0° H	
	-4447 May 02 j 21:00	0° Y		morning set	-4446 Apr 15 j 09:58	10° H 53'28	
				asc. node	-4446 Apr 18 j 15:49	17° H 48'49	
superior conj	-4447 May 08 j 00:25	11° Y 01'56	1°00'30	superior conj	-4446 Apr 22 j 10:14	25° H 59'48	0°38'15
minimum elong	-4447 May 07 j 22:04	10° Y 49'20	1°00'08	minimum elong	-4446 Apr 22 j 08:37	25° H 51'02	0°37'54
max. Earth dist.	-4447 May 10 j 05:28	15° Y 44'09	1.33712 AU	max. Earth dist.	-4446 Apr 23 j 14:01	28° H 30'28	1.33007 AU
evening rise	-4447 May 15 j 14:16	26° Y 46'45			-4446 Apr 24 j 06:35	0° Y	
	-4447 May 17 j 05:26	0° B		evening rise	-4446 Apr 29 j 15:38	11° Y 19'55	
	-4447 Jun 03 j 18:52	0° II			-4446 May 09 j 11:19	0° B	
desc. node	-4447 Jun 13 j 13:39	12° II 53'45			-4446 May 30 j 23:41	0° II	
evening max el	-4447 Jun 18 j 08:58	18° II 00'20	27°23'36	desc. node	-4446 May 31 j 10:46	0° II 27'10	
retrograde	-4447 Jul 01 j 23:25	25° II 24'59		evening max el	-4446 May 31 j 16:51	0° II 41'50	27°18'02
evening set	-4447 Jul 09 j 02:33	22° II 42'10		retrograde	-4446 Jun 14 j 14:06	8° II 05'55	
min. Earth dist.	-4447 Jul 12 j 17:44	19° II 24'09	0.63928 AU	evening set	-4446 Jun 21 j 15:35	5° II 42'34	
inferior conj	-4447 Jul 15 j 05:38	16° II 46'15	-3°40'23	min. Earth dist.	-4446 Jun 25 j 06:02	2° II 50'00	0.62164 AU
minimum elong	-4447 Jul 15 j 09:10	16° II 36'55	3°39'28	inferior conj	-4446 Jun 28 j 06:54	29° B 59'10	-4°07'10
morning rise	-4447 Jul 21 j 16:32	11° II 24'59		minimum elong	-4446 Jun 28 j 09:15	29° B 53'38	4°06'44
direct	-4447 Jul 24 j 09:37	10° II 47'56			-4446 Jun 28 j 06:33	30° R B	
asc. node	-4447 Jul 28 j 18:23	12° II 23'09		morning rise	-4446 Jul 05 j 04:16	24° B 57'33	
morning max el	-4447 Jul 30 j 21:58	14° II 13'43	18°01'09	direct	-4446 Jul 07 j 18:24	24° B 27'49	
	-4447 Aug 10 j 21:25	0° D		morning max el	-4446 Jul 14 j 12:25	27° B 52'15	17°57'35
morning set	-4447 Aug 17 j 05:39	10° D 51'20		asc. node	-4446 Jul 15 j 15:27	29° B 02'53	
	-4447 Aug 28 j 13:54	0° Q			-4446 Jul 16 j 11:13	0° II	
superior conj	-4447 Aug 30 j 00:44	2° Q 22'50	1°03'25	morning set	-4446 Jul 30 j 18:58	23° II 21'11	
minimum elong	-4447 Aug 30 j 06:34	2° Q 46'41	1°02'55		-4446 Aug 03 j 11:43	0° D	
max. Earth dist.	-4447 Sep 04 j 10:47	11° Q 08'17	1.44046 AU	superior conj	-4446 Aug 10 j 19:26	12° D 50'13	1°32'08
desc. node	-4447 Sep 09 j 12:55	19° Q 11'45		minimum elong	-4446 Aug 11 j 00:11	13° D 10'31	1°31'58
evening rise	-4447 Sep 15 j 06:12	28° Q 06'13		max. Earth dist.	-4446 Aug 17 j 22:41	24° D 47'16	1.42740 AU
	-4447 Sep 16 j 11:42	0° P			-4446 Aug 21 j 03:51	0° Q	
	-4447 Oct 06 j 18:54	0° A		evening rise	-4446 Aug 25 j 11:04	6° Q 49'28	
evening max el	-4447 Oct 12 j 17:49	7° A 10'25	20°24'23	desc. node	-4446 Aug 27 j 09:52	9° Q 52'10	
retrograde	-4447 Oct 20 j 16:00	11° A 50'22			-4446 Sep 09 j 19:16	0° P	
evening set	-4447 Oct 24 j 09:42	10° A 29'32		evening max el	-4446 Sep 25 j 15:16	20° P 35'15	21°35'04
asc. node	-4447 Oct 24 j 17:15	10° A 15'19		retrograde	-4446 Oct 04 j 12:28	25° P 51'41	
inferior conj	-4447 Oct 29 j 20:27	4° A 23'36	1°41'32	evening set	-4446 Oct 08 j 17:40	24° P 13'07	
minimum elong	-4447 Oct 29 j 18:15	4° A 31'00	1°40'40	asc. node	-4446 Oct 11 j 14:25	21° P 16'47	
min. Earth dist.	-4447 Oct 30 j 13:33	3° A 26'00	0.66800 AU	inferior conj	-4446 Oct 14 j 01:50	17° P 59'40	0°50'22
	-4447 Nov 02 j 06:46	30° R P		minimum elong	-4446 Oct 14 j 00:41	18° P 03'37	0°49'56
morning rise	-4447 Nov 04 j 02:36	28° P 08'28		min. Earth dist.	-4446 Oct 14 j 08:08	17° P 37'56	0.67250 AU
direct	-4447 Nov 09 j 16:46	25° P 42'35		morning rise	-4446 Oct 19 j 07:33	11° P 44'00	
	-4447 Nov 18 j 10:50	0° A		direct	-4446 Oct 24 j 06:31	9° P 38'32	
morning max el	-4447 Nov 21 j 03:29	2° A 31'30	24°42'28	morning max el	-4446 Nov 03 j 13:04	15° P 46'56	23°16'31
desc. node	-4447 Dec 06 j 12:55	21° A 48'21			-4446 Nov 15 j 04:06	0° A	
	-4447 Dec 12 j 02:39	0° M		desc. node	-4446 Nov 23 j 09:51	11° A 46'13	
morning set	-4447 Dec 27 j 04:13	24° M 37'03			-4446 Dec 05 j 03:15	0° M	
	-4447 Dec 30 j 04:29	0° X		morning set	-4446 Dec 08 j 07:20	5° M 13'38	
max. Earth dist.	-4447 Dec 30 j 22:13	1° X 20'43	1.37496 AU	max. Earth dist.	-4446 Dec 12 j 17:52	12° M 46'58	1.39540 AU
superior conj	-4446 Jan 06 j 12:56	13° X 49'47	-1°46'41	superior conj	-4446 Dec 20 j 08:41	26° M 26'23	-1°53'42
minimum elong	-4446 Jan 06 j 15:18	14° X 01'18	1°46'44	minimum elong	-4446 Dec 20 j 09:06	26° M 28'19	1°53'52
	-4446 Jan 14 j 16:29	0° Z			-4446 Dec 22 j 06:31	0° X	
evening rise	-4446 Jan 15 j 00:03	0° Z 37'45		evening rise	-4446 Dec 29 j 17:30	14° X 15'12	
asc. node	-4446 Jan 20 j 16:12	11° Z 35'49			-4445 Jan 07 j 07:00	0° Z	
evening max el	-4446 Jan 31 j 23:09	27° Z 59'23	19°16'14	asc. node	-4445 Jan 07 j 13:17	0° Z 26'06	
	-4446 Feb 03 j 09:34	0° \approx		evening max el	-4445 Jan 15 j 00:56	10° Z 29'32	18°33'59
retrograde	-4446 Feb 09 j 21:47	2° \approx 15'03		retrograde	-4445 Jan 22 j 17:58	14° Z 15'00	
evening set	-4446 Feb 12 j 06:46	1° \approx 58'22		evening set	-4445 Jan 25 j 06:00	13° Z 52'40	
	-4446 Feb 17 j 00:15	30° R Z		inferior conj	-4445 Feb 01 j 17:56	9° Z 23'34	3°48'09
inferior conj	-4446 Feb 20 j 11:16	27° Z 48'13	2°58'19	minimum elong	-4445 Feb 01 j 20:52	9° Z 17'49	3°47'34
minimum elong	-4446 Feb 20 j 16:16	27° Z 39'46	2°56'57	min. Earth dist.	-4445 Feb 05 j 02:51	6° Z 46'28	0.58536 AU
min. Earth dist.	-4446 Feb 23 j 09:20	25° Z 50'55	0.56760 AU	morning rise	-4445 Feb 09 j 09:25	4° Z 03'34	
morning rise	-4446 Feb 28 j 23:08	22° Z 54'13		direct	-4445 Feb 15 j 10:32	2° Z 31'03	
desc. node	-4446 Mar 04 j 12:13	22° Z 03'32					

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

desc. node	-4445 Feb 19 j 09:19	3°♁09'36		minimum elong	-4444 Jan 14 j 20:24	21°♂34'07	4°04'07
morning max el	-4445 Mar 01 j 16:37	10°♁02'02	26°28'33	min. Earth dist.	-4444 Jan 18 j 01:39	18°♂40'29	0.60535 AU
	-4445 Mar 16 j 23:33	0°♁		morning rise	-4444 Jan 21 j 16:40	15°♂55'48	
morning set	-4445 Mar 30 j 21:11	25°♁53'03		direct	-4444 Jan 28 j 12:06	13°♂45'29	
	-4445 Apr 01 j 19:53	0°♂		desc. node	-4444 Feb 06 j 06:25	16°♂55'43	
asc. node	-4445 Apr 05 j 12:48	8°♂01'26		morning max el	-4444 Feb 11 j 15:11	21°♂24'16	27°22'59
					-4444 Feb 19 j 04:02	0°♁	
superior conj	-4445 Apr 06 j 21:46	11°♂01'44	0°14'16		-4444 Mar 08 j 20:28	0°♁	
minimum elong	-4445 Apr 06 j 21:09	10°♂58'19	0°14'04	morning set	-4444 Mar 14 j 05:32	10°♁42'13	
behind sun begin	-4445 Apr 06 j 18:53	10°♂45'55		max. Earth dist.	-4444 Mar 20 j 15:55	24°♁26'21	1.32620 AU
behind sun end	-4445 Apr 06 j 23:25	11°♂10'42					
max. Earth dist.	-4445 Apr 07 j 02:41	11°♂28'38	1.32645 AU	superior conj	-4444 Mar 21 j 09:23	26°♁01'39	-0°10'35
evening rise	-4445 Apr 13 j 22:31	26°♂08'49		minimum elong	-4444 Mar 21 j 09:51	26°♁04'16	0°10'37
	-4445 Apr 15 j 19:30	0°♂		behind sun begin	-4444 Mar 21 j 06:06	25°♁43'47	
	-4445 May 03 j 03:59	0°♂		behind sun end	-4444 Mar 21 j 13:36	26°♁24'45	
evening max el	-4445 May 13 j 19:44	12°♂44'48	26°39'47	asc. node	-4444 Mar 22 j 09:47	28°♁15'03	
desc. node	-4445 May 18 j 07:55	16°♂30'42			-4444 Mar 23 j 05:00	0°♂	
retrograde	-4445 May 27 j 21:14	20°♂05'15		evening rise	-4444 Mar 28 j 08:42	11°♂05'34	
evening set	-4445 Jun 03 j 10:00	18°♂14'42			-4444 Apr 07 j 02:47	0°♂	
min. Earth dist.	-4445 Jun 07 j 09:10	15°♂32'31	0.60160 AU	evening max el	-4444 Apr 24 j 16:30	24°♂06'28	25°31'53
inferior conj	-4445 Jun 10 j 17:42	12°♂47'33	-4°15'58		-4444 May 02 j 23:09	0°♂	
minimum elong	-4445 Jun 10 j 17:30	12°♂47'56	4°15'49	desc. node	-4444 May 04 j 05:05	0°♂29'48	
morning rise	-4445 Jun 18 j 03:08	8°♂07'09		retrograde	-4444 May 08 j 18:30	1°♂18'44	
direct	-4445 Jun 20 j 15:41	7°♂43'07		evening set	-4444 May 14 j 06:55	0°♂06'47	
morning max el	-4445 Jun 27 j 23:57	11°♂16'54	18°13'15		-4444 May 14 j 13:09	30°♂♂	
asc. node	-4445 Jul 02 j 12:31	16°♂43'22		min. Earth dist.	-4444 May 19 j 04:59	27°♂18'42	0.58153 AU
	-4445 Jul 10 j 10:49	0°♂		inferior conj	-4444 May 22 j 10:26	25°♂01'32	-3°57'38
morning set	-4445 Jul 14 j 00:25	6°♂39'11		minimum elong	-4444 May 22 j 06:49	25°♂07'59	3°57'05
				morning rise	-4444 May 30 j 09:33	20°♂42'04	
superior conj	-4445 Jul 23 j 16:23	24°♂36'14	1°46'29	direct	-4444 Jun 01 j 21:12	20°♂22'37	
minimum elong	-4445 Jul 23 j 18:21	24°♂45'09	1°46'38	morning max el	-4444 Jun 10 j 05:36	24°♂18'28	18°48'57
	-4445 Jul 26 j 16:57	0°♂			-4444 Jun 15 j 01:02	0°♂	
max. Earth dist.	-4445 Jul 31 j 04:57	7°♂47'11	1.41001 AU	asc. node	-4444 Jun 18 j 09:32	5°♂10'31	
evening rise	-4445 Aug 05 j 08:29	16°♂20'57		morning set	-4444 Jun 26 j 17:30	20°♂33'31	
desc. node	-4445 Aug 14 j 06:52	0°♂25'57			-4444 Jul 01 j 13:24	0°♂	
	-4445 Aug 14 j 00:04	0°♂					
	-4445 Sep 04 j 15:01	0°♂		superior conj	-4444 Jul 05 j 10:03	7°♂25'30	1°49'02
evening max el	-4445 Sep 08 j 07:01	4°♂00'37	22°53'43	minimum elong	-4444 Jul 05 j 09:34	7°♂23'14	1°49'13
retrograde	-4445 Sep 18 j 06:31	9°♂55'36		max. Earth dist.	-4444 Jul 12 j 07:18	20°♂06'02	1.39064 AU
evening set	-4445 Sep 23 j 01:13	7°♂57'33		evening rise	-4444 Jul 16 j 07:45	27°♂07'14	
inferior conj	-4445 Sep 28 j 08:25	1°♂40'04	-0°02'42		-4444 Jul 18 j 00:26	0°♂	
minimum elong	-4445 Sep 28 j 08:28	1°♂39'52	0°02'34	desc. node	-4444 Jul 31 j 03:54	20°♂48'23	
transit middle	-4445 Sep 28 j 08:28	1°♂39'52	0°02'34		-4444 Aug 06 j 13:19	0°♂	
transit begin	-4445 Sep 28 j 05:48	1°♂49'04		evening max el	-4444 Aug 20 j 18:58	17°♂28'01	24°14'25
transit end	-4445 Sep 28 j 11:08	1°♂30'40		retrograde	-4444 Aug 31 j 21:02	23°♂58'39	
min. Earth dist.	-4445 Sep 28 j 04:31	1°♂53'32	0.67407 AU	evening set	-4444 Sep 06 j 06:35	21°♂40'58	
asc. node	-4445 Sep 28 j 11:34	1°♂29'12		min. Earth dist.	-4444 Sep 11 j 00:07	16°♂11'05	0.67265 AU
	-4445 Sep 29 j 13:42	30°♂♂		inferior conj	-4444 Sep 11 j 14:27	15°♂22'42	-0°56'00
morning rise	-4445 Oct 03 j 15:36	25°♂26'58		minimum elong	-4444 Sep 11 j 15:45	15°♂18'19	0°55'17
direct	-4445 Oct 08 j 00:20	23°♂42'46		asc. node	-4444 Sep 14 j 08:43	11°♂49'57	
morning max el	-4445 Oct 17 j 02:30	29°♂06'43	21°51'57	morning rise	-4444 Sep 17 j 00:52	9°♂15'22	
	-4445 Oct 17 j 22:55	0°♂		direct	-4444 Sep 20 j 20:59	7°♂51'08	
	-4445 Nov 08 j 22:30	0°♂		morning max el	-4444 Sep 28 j 22:31	12°♂34'24	20°35'35
desc. node	-4445 Nov 10 j 06:47	2°♂02'35			-4444 Oct 12 j 06:16	0°♂	
morning set	-4445 Nov 18 j 05:46	14°♂27'06		morning set	-4444 Oct 27 j 07:08	22°♂44'57	
max. Earth dist.	-4445 Nov 24 j 17:39	25°♂01'37	1.41553 AU	desc. node	-4444 Oct 27 j 03:41	22°♂31'31	
	-4445 Nov 27 j 16:43	0°♂			-4444 Oct 31 j 22:16	0°♂	
				max. Earth dist.	-4444 Nov 06 j 01:15	8°♂10'39	1.43241 AU
superior conj	-4445 Dec 02 j 08:31	8°♂02'07	-1°49'34				
minimum elong	-4445 Dec 02 j 05:40	7°♂49'38	1°49'34	superior conj	-4444 Nov 12 j 06:47	18°♂23'09	-1°30'38
evening rise	-4445 Dec 12 j 23:35	27°♂15'44		minimum elong	-4444 Nov 12 j 00:37	17°♂57'28	1°30'10
	-4445 Dec 14 j 11:13	0°♂			-4444 Nov 19 j 03:15	0°♂	
asc. node	-4445 Dec 25 j 10:22	18°♂37'44		evening rise	-4444 Nov 24 j 14:14	9°♂30'47	
evening max el	-4445 Dec 29 j 09:13	23°♂23'56	18°11'47		-4444 Dec 06 j 17:16	0°♂	
retrograde	-4444 Jan 05 j 07:43	26°♂54'30		asc. node	-4444 Dec 11 j 07:28	5°♂58'49	
evening set	-4444 Jan 07 j 22:39	26°♂25'12		evening max el	-4444 Dec 11 j 21:03	6°♂34'10	18°09'10
inferior conj	-4444 Jan 14 j 20:19	21°♂34'16	4°04'20	retrograde	-4444 Dec 18 j 11:10	10°♂03'01	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4444 Dec 21 j 05:08	9° ♁ 25'50		retrograde	-4443 Dec 01 j 23:55	23° ♁ 31'57	
inferior conj	-4444 Dec 27 j 15:18	4° ♁ 13'42	3°55'49	evening set	-4443 Dec 04 j 21:58	22° ♁ 45'35	
minimum elong	-4444 Dec 27 j 13:16	4° ♁ 18'56	3°55'25	inferior conj	-4443 Dec 10 j 23:04	17° ♁ 14'32	3°30'25
min. Earth dist.	-4444 Dec 30 j 08:50	1° ♁ 25'43	0.62452 AU	minimum elong	-4443 Dec 10 j 20:01	17° ♁ 23'16	3°29'39
	-4444 Dec 31 j 20:55	30° ♁		min. Earth dist.	-4443 Dec 13 j 02:08	14° ♁ 48'43	0.64112 AU
morning rise	-4443 Jan 02 j 20:32	28° ♁ 21'50		morning rise	-4443 Dec 16 j 17:33	11° ♁ 12'41	
direct	-4443 Jan 09 j 22:19	25° ♁ 44'19		direct	-4443 Dec 23 j 15:59	8° ♁ 22'34	
	-4443 Jan 19 j 22:16	0° ♁		morning max el	-4442 Jan 06 j 04:33	16° ♁ 04'30	27°25'48
desc. node	-4443 Jan 23 j 03:28	2° ♁ 47'25		desc. node	-4442 Jan 10 j 00:28	20° ♁ 10'10	
morning max el	-4443 Jan 23 j 19:53	3° ♁ 27'04	27°42'16		-4442 Jan 17 j 18:22	0° ♁	
	-4443 Feb 12 j 15:08	0° ♁			-4442 Feb 05 j 07:43	0° ♁	
morning set	-4443 Feb 26 j 08:53	25° ♁ 13'33		morning set	-4442 Feb 10 j 04:30	9° ♁ 17'14	
	-4443 Feb 28 j 16:38	0° ♁		max. Earth dist.	-4442 Feb 15 j 04:24	19° ♁ 24'56	1.33657 AU
max. Earth dist.	-4443 Mar 04 j 01:53	7° ♁ 10'00	1.32942 AU				
				superior conj	-4442 Feb 18 j 01:55	25° ♁ 30'39	-0°59'23
superior conj	-4443 Mar 05 j 19:23	10° ♁ 53'38	-0°35'27	minimum elong	-4442 Feb 18 j 04:24	25° ♁ 43'52	0°59'09
minimum elong	-4443 Mar 05 j 20:57	11° ♁ 02'07	0°35'19		-4442 Feb 20 j 04:26	0° ♁	
asc. node	-4443 Mar 09 j 06:46	18° ♁ 25'43		asc. node	-4442 Feb 24 j 03:45	8° ♁ 28'30	
evening rise	-4443 Mar 12 j 20:16	26° ♁ 03'07		evening rise	-4442 Feb 25 j 07:25	10° ♁ 54'11	
	-4443 Mar 14 j 17:48	0° ♁			-4442 Mar 07 j 06:39	0° ♁	
	-4443 Apr 01 j 19:25	0° ♁		evening max el	-4442 Mar 19 j 02:10	15° ♁ 41'20	22°29'53
evening max el	-4443 Apr 06 j 08:54	4° ♁ 57'34	24°04'02	retrograde	-4442 Apr 01 j 01:12	22° ♁ 00'54	
retrograde	-4443 Apr 20 j 03:53	11° ♁ 51'59		evening set	-4442 Apr 04 j 02:04	21° ♁ 40'37	
desc. node	-4443 Apr 21 j 02:15	11° ♁ 50'01		desc. node	-4442 Apr 07 j 23:23	20° ♁ 21'38	
evening set	-4443 Apr 24 j 08:51	11° ♁ 12'39		min. Earth dist.	-4442 Apr 12 j 10:49	18° ♁ 01'39	0.55395 AU
min. Earth dist.	-4443 Apr 30 j 20:33	8° ♁ 05'15	0.56454 AU	inferior conj	-4442 Apr 13 j 10:11	17° ♁ 28'20	-1°28'42
inferior conj	-4443 May 03 j 07:07	6° ♁ 34'33	-3°02'33	minimum elong	-4442 Apr 13 j 06:17	17° ♁ 33'55	1°27'29
minimum elong	-4443 May 03 j 01:20	6° ♁ 43'33	3°01'08	morning rise	-4442 Apr 22 j 12:19	13° ♁ 30'51	
morning rise	-4443 May 11 j 20:52	2° ♁ 31'53		direct	-4442 Apr 25 j 02:00	13° ♁ 15'38	
direct	-4443 May 14 j 08:01	2° ♁ 15'53		morning max el	-4442 May 06 j 13:21	18° ♁ 38'14	21°00'39
morning max el	-4443 May 24 j 02:44	6° ♁ 48'24	19°45'01		-4442 May 15 j 12:32	0° ♁	
asc. node	-4443 Jun 05 j 06:31	24° ♁ 13'31		asc. node	-4442 May 23 j 03:29	13° ♁ 42'42	
	-4443 Jun 08 j 07:17	0° ♁		morning set	-4442 May 26 j 01:46	19° ♁ 37'16	
morning set	-4443 Jun 10 j 18:50	4° ♁ 55'40			-4442 May 31 j 01:44	0° ♁	
				superior conj	-4442 Jun 02 j 14:38	5° ♁ 15'03	1°29'46
superior conj	-4443 Jun 18 j 18:58	21° ♁ 03'07	1°42'39	minimum elong	-4442 Jun 02 j 11:58	5° ♁ 01'23	1°29'35
minimum elong	-4443 Jun 18 j 16:57	20° ♁ 53'08	1°42'40	max. Earth dist.	-4442 Jun 06 j 19:33	13° ♁ 44'49	1.35554 AU
	-4443 Jun 23 j 09:30	0° ♁		evening rise	-4442 Jun 11 j 03:52	22° ♁ 09'03	
max. Earth dist.	-4443 Jun 24 j 10:17	1° ♁ 57'05	1.37183 AU		-4442 Jun 15 j 10:32	0° ♁	
evening rise	-4443 Jun 28 j 07:55	9° ♁ 07'53		desc. node	-4442 Jul 04 j 22:02	0° ♁ 33'49	
	-4443 Jul 10 j 18:11	0° ♁			-4442 Jul 04 j 12:04	0° ♁	
desc. node	-4443 Jul 18 j 00:57	10° ♁ 53'47		evening max el	-4442 Jul 16 j 16:26	14° ♁ 27'20	26°31'48
	-4443 Aug 02 j 06:24	0° ♁		retrograde	-4442 Jul 29 j 12:58	21° ♁ 43'56	
evening max el	-4443 Aug 03 j 05:33	0° ♁ 58'09	25°29'46	evening set	-4442 Aug 05 j 03:02	18° ♁ 57'52	
retrograde	-4443 Aug 15 j 07:21	7° ♁ 56'59		min. Earth dist.	-4442 Aug 09 j 03:41	14° ♁ 43'07	0.65979 AU
evening set	-4443 Aug 21 j 07:56	5° ♁ 22'05		inferior conj	-4442 Aug 10 j 17:45	12° ♁ 47'16	-2°36'27
min. Earth dist.	-4443 Aug 25 j 16:37	0° ♁ 29'01	0.66801 AU	minimum elong	-4442 Aug 10 j 21:05	12° ♁ 37'09	2°35'09
	-4443 Aug 26 j 01:36	30° ♁		morning rise	-4442 Aug 16 j 15:25	7° ♁ 00'44	
inferior conj	-4443 Aug 26 j 18:12	29° ♁ 06'09	-1°47'51	asc. node	-4442 Aug 19 j 02:53	6° ♁ 09'42	
minimum elong	-4443 Aug 26 j 20:39	28° ♁ 58'14	1°46'43	direct	-4442 Aug 19 j 16:45	6° ♁ 07'49	
morning rise	-4443 Sep 01 j 09:28	23° ♁ 07'41		morning max el	-4442 Aug 26 j 11:16	9° ♁ 54'35	18°43'17
asc. node	-4443 Sep 01 j 05:49	23° ♁ 13'48			-4442 Sep 09 j 15:11	0° ♁	
direct	-4443 Sep 04 j 19:03	22° ♁ 00'44		morning set	-4442 Sep 16 j 06:48	10° ♁ 39'16	
morning max el	-4443 Sep 12 j 01:51	26° ♁ 11'22	19°31'50		-4442 Sep 28 j 10:44	0° ♁	
	-4443 Sep 15 j 09:27	0° ♁		desc. node	-4442 Sep 30 j 21:33	3° ♁ 51'58	
	-4443 Oct 05 j 14:32	0° ♁					
morning set	-4443 Oct 06 j 08:44	1° ♁ 10'54		superior conj	-4442 Oct 02 j 02:42	5° ♁ 46'50	-0°07'41
desc. node	-4443 Oct 14 j 00:36	13° ♁ 09'11		minimum elong	-4442 Oct 02 j 01:42	5° ♁ 42'52	0°07'28
max. Earth dist.	-4443 Oct 19 j 15:16	21° ♁ 59'57	1.44372 AU	behind sun begin	-4442 Oct 01 j 15:26	5° ♁ 02'26	
				behind sun end	-4442 Oct 02 j 11:58	6° ♁ 23'19	
superior conj	-4443 Oct 23 j 01:43	27° ♁ 28'09	-0°55'12	max. Earth dist.	-4442 Oct 02 j 08:31	6° ♁ 09'45	1.44810 AU
minimum elong	-4443 Oct 22 j 19:32	27° ♁ 03'25	0°54'26		-4442 Oct 17 j 09:53	0° ♁	
	-4443 Oct 24 j 15:36	0° ♁		evening rise	-4442 Oct 18 j 03:17	1° ♁ 09'30	
evening rise	-4443 Nov 06 j 08:52	20° ♁ 51'38			-4442 Nov 05 j 23:45	0° ♁	
	-4443 Nov 11 j 20:04	0° ♁		evening max el	-4442 Nov 08 j 20:35	3° ♁ 19'40	18°59'09
evening max el	-4443 Nov 25 j 09:41	19° ♁ 54'09	18°25'19	asc. node	-4442 Nov 15 j 01:41	7° ♁ 12'38	
asc. node	-4443 Nov 28 j 04:34	22° ♁ 15'30					

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

retrograde	-4442 Nov 15 j 18:09	7° \mathbb{M} 15'18		greatest brilliancy	-4441 Oct 10 j 14:54	29° \mathbb{M} 57'32	-0.7m
evening set	-4442 Nov 18 j 22:06	6° \mathbb{M} 17'39			-4441 Oct 10 j 15:34	0° \mathbb{A}	
inferior conj	-4442 Nov 24 j 16:14	0° \mathbb{M} 30'44	2°53'43	evening max el	-4441 Oct 23 j 03:30	16° \mathbb{A} 46'30	19°49'13
minimum elong	-4442 Nov 24 j 13:04	0° \mathbb{M} 40'35	2°52'42	retrograde	-4441 Oct 30 j 14:55	21° \mathbb{A} 07'54	
	-4442 Nov 25 j 02:07	30° \mathbb{R} \mathbb{A}		asc. node	-4441 Nov 01 j 22:49	20° \mathbb{A} 36'22	
min. Earth dist.	-4442 Nov 26 j 05:06	28° \mathbb{A} 36'25	0.65435 AU	evening set	-4441 Nov 03 j 02:57	19° \mathbb{A} 56'22	
morning rise	-4442 Nov 30 j 03:41	24° \mathbb{A} 21'41		inferior conj	-4441 Nov 08 j 15:56	13° \mathbb{A} 56'39	2°09'24
direct	-4442 Dec 06 j 16:16	21° \mathbb{A} 33'01		minimum elong	-4441 Nov 08 j 13:15	14° \mathbb{A} 05'26	2°08'24
morning max el	-4442 Dec 19 j 14:19	29° \mathbb{A} 04'33	26°38'37	min. Earth dist.	-4441 Nov 09 j 15:51	12° \mathbb{A} 37'58	0.66404 AU
	-4442 Dec 20 j 12:08	0° \mathbb{M}		morning rise	-4441 Nov 13 j 23:19	7° \mathbb{A} 43'05	
desc. node	-4442 Dec 27 j 21:28	8° \mathbb{M} 37'34		direct	-4441 Nov 19 j 22:18	5° \mathbb{A} 06'40	
	-4441 Jan 11 j 14:04	0° \mathbb{A}		morning max el	-4441 Dec 01 j 23:19	12° \mathbb{A} 14'31	25°28'53
morning set	-4441 Jan 24 j 12:52	22° \mathbb{A} 42'25		desc. node	-4441 Dec 14 j 18:27	27° \mathbb{A} 49'56	
	-4441 Jan 28 j 07:08	0° \mathbb{B}			-4441 Dec 16 j 07:43	0° \mathbb{M}	
max. Earth dist.	-4441 Jan 28 j 20:04	1° \mathbb{B} 04'10	1.34814 AU		-4440 Jan 04 j 06:43	0° \mathbb{A}	
				morning set	-4440 Jan 07 j 05:12	5° \mathbb{A} 14'19	
superior conj	-4441 Feb 02 j 02:55	9° \mathbb{B} 46'19	-1°21'06	max. Earth dist.	-4440 Jan 11 j 00:04	12° \mathbb{A} 14'39	1.36416 AU
minimum elong	-4441 Feb 02 j 05:56	10° \mathbb{B} 01'59	1°20'54				
evening rise	-4441 Feb 09 j 16:26	25° \mathbb{B} 33'01		superior conj	-4440 Jan 16 j 19:34	23° \mathbb{A} 31'57	-1°39'00
asc. node	-4441 Feb 11 j 00:46	28° \mathbb{B} 18'59		minimum elong	-4440 Jan 16 j 22:28	23° \mathbb{A} 46'22	1°38'56
	-4441 Feb 11 j 20:41	0° \mathbb{A}			-4440 Jan 20 j 00:41	0° \mathbb{B}	
evening max el	-4441 Mar 01 j 02:35	26° \mathbb{A} 44'47	21°02'16	evening rise	-4440 Jan 24 j 21:18	9° \mathbb{B} 53'08	
	-4441 Mar 05 j 06:28	0° \mathbb{H}		asc. node	-4440 Jan 28 j 21:47	17° \mathbb{B} 51'23	
retrograde	-4441 Mar 12 j 15:00	2° \mathbb{H} 14'17			-4440 Feb 04 j 20:27	0° \mathbb{A}	
evening set	-4441 Mar 15 j 01:11	2° \mathbb{H} 00'35		evening max el	-4440 Feb 11 j 13:17	8° \mathbb{A} 21'58	19°49'33
	-4441 Mar 20 j 15:13	30° \mathbb{R} \mathbb{A}		retrograde	-4440 Feb 21 j 08:55	13° \mathbb{A} 00'58	
inferior conj	-4441 Mar 24 j 05:32	28° \mathbb{A} 02'14	0°26'51	evening set	-4440 Feb 23 j 16:55	12° \mathbb{A} 46'25	
minimum elong	-4441 Mar 24 j 06:46	28° \mathbb{A} 00'29	0°26'19	inferior conj	-4440 Mar 03 j 07:16	8° \mathbb{A} 44'30	2°12'17
min. Earth dist.	-4441 Mar 25 j 01:07	27° \mathbb{A} 34'20	0.55226 AU	minimum elong	-4440 Mar 03 j 12:05	8° \mathbb{A} 36'59	2°10'43
desc. node	-4441 Mar 25 j 20:30	27° \mathbb{A} 06'57		min. Earth dist.	-4440 Mar 05 j 15:26	7° \mathbb{A} 17'28	0.55982 AU
morning rise	-4441 Apr 02 j 11:42	23° \mathbb{A} 52'06		desc. node	-4440 Mar 11 j 17:37	4° \mathbb{A} 17'00	
direct	-4441 Apr 05 j 14:03	23° \mathbb{A} 31'08		morning rise	-4440 Mar 12 j 04:55	4° \mathbb{A} 08'02	
morning max el	-4441 Apr 18 j 13:20	29° \mathbb{A} 47'05	22°32'06	direct	-4440 Mar 16 j 08:40	3° \mathbb{A} 29'34	
	-4441 Apr 18 j 18:47	0° \mathbb{H}		morning max el	-4440 Mar 30 j 05:46	10° \mathbb{A} 26'55	24°11'04
	-4441 May 08 j 07:14	0° \mathbb{Y}			-4440 Apr 13 j 19:39	0° \mathbb{H}	
asc. node	-4441 May 10 j 00:28	3° \mathbb{Y} 31'07		morning set	-4440 Apr 24 j 00:17	19° \mathbb{H} 33'39	
morning set	-4441 May 10 j 12:11	4° \mathbb{Y} 31'55		asc. node	-4440 Apr 25 j 21:28	23° \mathbb{H} 32'58	
					-4440 Apr 28 j 21:22	0° \mathbb{Y}	
superior conj	-4441 May 17 j 17:42	19° \mathbb{Y} 50'59	1°12'12				
minimum elong	-4441 May 17 j 15:05	19° \mathbb{Y} 37'09	1°11'52	superior conj	-4440 May 01 j 01:39	4° \mathbb{Y} 42'34	0°51'20
max. Earth dist.	-4441 May 20 j 14:45	25° \mathbb{Y} 52'29	1.34278 AU	minimum elong	-4440 Apr 30 j 23:34	4° \mathbb{Y} 31'21	0°50'57
	-4441 May 22 j 15:02	0° \mathbb{B}		max. Earth dist.	-4440 May 02 j 19:21	8° \mathbb{Y} 26'38	1.33369 AU
evening rise	-4441 May 25 j 14:26	5° \mathbb{B} 55'56		evening rise	-4440 May 08 j 11:22	20° \mathbb{Y} 15'23	
	-4441 Jun 08 j 02:15	0° \mathbb{H}			-4440 May 13 j 11:21	0° \mathbb{B}	
desc. node	-4441 Jun 21 j 19:07	19° \mathbb{H} 37'42			-4440 Jun 01 j 04:29	0° \mathbb{H}	
evening max el	-4441 Jun 29 j 03:45	27° \mathbb{H} 48'06	27°12'35	desc. node	-4440 Jun 07 j 16:13	7° \mathbb{H} 50'22	
	-4441 Jul 01 j 13:55	0° \mathbb{B}		evening max el	-4440 Jun 10 j 13:50	10° \mathbb{H} 48'35	27°25'21
retrograde	-4441 Jul 12 j 13:18	5° \mathbb{B} 11'57		retrograde	-4440 Jun 24 j 07:35	18° \mathbb{H} 12'52	
evening set	-4441 Jul 19 j 13:11	2° \mathbb{B} 24'33		evening set	-4440 Jul 01 j 11:06	15° \mathbb{H} 36'57	
	-4441 Jul 22 j 03:44	30° \mathbb{R} \mathbb{H}		min. Earth dist.	-4440 Jul 05 j 01:19	12° \mathbb{H} 30'58	0.63213 AU
min. Earth dist.	-4441 Jul 23 j 07:09	28° \mathbb{H} 46'58	0.64783 AU	inferior conj	-4440 Jul 07 j 18:54	9° \mathbb{H} 46'01	-3°53'31
inferior conj	-4441 Jul 25 j 10:52	26° \mathbb{H} 22'18	-3°19'27	minimum elong	-4440 Jul 07 j 22:05	9° \mathbb{H} 37'57	3°52'48
minimum elong	-4441 Jul 25 j 14:34	26° \mathbb{H} 11'58	3°18'18	morning rise	-4440 Jul 14 j 10:01	4° \mathbb{H} 32'28	
morning rise	-4441 Jul 31 j 16:29	20° \mathbb{H} 50'41		direct	-4440 Jul 17 j 01:40	3° \mathbb{H} 58'42	
direct	-4441 Aug 03 j 11:54	20° \mathbb{H} 08'39		asc. node	-4440 Jul 22 j 21:05	6° \mathbb{H} 39'38	
asc. node	-4441 Aug 05 j 23:59	20° \mathbb{H} 41'45		morning max el	-4440 Jul 23 j 15:26	7° \mathbb{H} 22'50	17°57'19
morning max el	-4441 Aug 10 j 00:37	23° \mathbb{H} 39'55	18°11'23		-4440 Aug 07 j 11:36	0° \mathbb{B}	
	-4441 Aug 15 j 02:19	0° \mathbb{B}		morning set	-4440 Aug 09 j 10:01	3° \mathbb{B} 23'38	
morning set	-4441 Aug 28 j 08:08	21° \mathbb{B} 26'08					
	-4441 Sep 02 j 11:42	0° \mathbb{Q}		superior conj	-4440 Aug 21 j 09:46	23° \mathbb{B} 59'10	1°17'26
				minimum elong	-4440 Aug 21 j 15:32	24° \mathbb{B} 23'10	1°17'03
superior conj	-4441 Sep 11 j 07:02	14° \mathbb{Q} 19'12	0°40'17		-4440 Aug 25 j 01:13	0° \mathbb{Q}	
minimum elong	-4441 Sep 11 j 11:38	14° \mathbb{Q} 37'37	0°39'51	max. Earth dist.	-4440 Aug 27 j 17:16	4° \mathbb{Q} 19'54	1.43563 AU
max. Earth dist.	-4441 Sep 15 j 02:04	20° \mathbb{Q} 21'46	1.44525 AU	desc. node	-4440 Sep 03 j 15:27	15° \mathbb{Q} 19'16	
desc. node	-4441 Sep 17 j 18:29	24° \mathbb{Q} 36'11		evening rise	-4440 Sep 06 j 01:44	19° \mathbb{Q} 06'08	
	-4441 Sep 21 j 05:01	0° \mathbb{M}			-4440 Sep 13 j 04:37	0° \mathbb{M}	
evening rise	-4441 Sep 27 j 21:25	10° \mathbb{M} 24'46			-4440 Oct 04 j 23:44	0° \mathbb{A}	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening max el	-4440 Oct 05 j 04:44	0° Ω 12'54	20°53'10			-4439 Sep 06 j 22:02	0° Π	
retrograde	-4440 Oct 13 j 11:57	5° Ω 07'13		evening max el	-4439 Sep 17 j 23:39	13° Π 37'54	22°07'46	
evening set	-4440 Oct 17 j 10:21	3° Ω 39'03		retrograde	-4439 Sep 27 j 07:33	19° Π 10'24		
asc. node	-4440 Oct 18 j 19:59	2° Ω 25'12		evening set	-4439 Oct 01 j 18:23	17° Π 23'25		
	-4440 Oct 20 j 22:38	30° \mathbb{R} Π		asc. node	-4439 Oct 05 j 17:09	12° Π 59'51		
inferior conj	-4440 Oct 22 j 19:50	27° Π 29'43	1°20'09	inferior conj	-4439 Oct 07 j 01:57	11° Π 07'46	0°27'58	
minimum elong	-4440 Oct 22 j 18:03	27° Π 35'46	1°19'27	minimum elong	-4439 Oct 07 j 01:18	11° Π 10'00	0°27'47	
min. Earth dist.	-4440 Oct 23 j 08:14	26° Π 47'28	0.67039 AU	min. Earth dist.	-4439 Oct 07 j 03:48	11° Π 01'22	0.67359 AU	
morning rise	-4440 Oct 28 j 01:35	21° Π 14'13		morning rise	-4439 Oct 12 j 08:06	4° Π 53'03		
direct	-4440 Nov 02 j 09:21	18° Π 56'40		direct	-4439 Oct 17 j 00:49	2° Π 56'54		
morning max el	-4440 Nov 13 j 08:03	25° Π 28'26	24°06'10	morning max el	-4439 Oct 26 j 19:01	8° Π 45'55	22°39'55	
	-4440 Nov 17 j 10:58	0° Ω			-4439 Nov 12 j 07:20	0° Ω		
desc. node	-4440 Nov 30 j 15:25	17° Ω 34'11		desc. node	-4439 Nov 17 j 12:22	7° Ω 40'57		
	-4440 Dec 08 j 20:54	0° \mathbb{M}		morning set	-4439 Nov 29 j 14:32	26° Ω 37'51		
morning set	-4440 Dec 18 j 23:35	16° \mathbb{M} 36'56			-4439 Dec 01 j 15:36	0° \mathbb{M}		
max. Earth dist.	-4440 Dec 22 j 20:58	23° \mathbb{M} 26'26	1.38362 AU	max. Earth dist.	-4439 Dec 04 j 18:15	5° \mathbb{M} 13'45	1.40422 AU	
	-4440 Dec 26 j 11:35	0° \mathbb{X}						
				superior conj	-4439 Dec 12 j 12:18	18° \mathbb{M} 50'10	-1°53'31	
superior conj	-4440 Dec 30 j 00:17	6° \mathbb{X} 37'26	-1°50'48	minimum elong	-4439 Dec 12 j 11:28	18° \mathbb{M} 46'24	1°53'40	
minimum elong	-4440 Dec 30 j 02:00	6° \mathbb{X} 45'36	1°50'55		-4439 Dec 18 j 13:21	0° \mathbb{X}		
evening rise	-4439 Jan 07 j 19:43	23° \mathbb{X} 48'24		evening rise	-4439 Dec 22 j 08:49	7° \mathbb{X} 11'47		
	-4439 Jan 11 j 00:11	0° \mathbb{Z}		asc. node	-4438 Jan 01 j 15:57	25° \mathbb{X} 34'53		
asc. node	-4439 Jan 14 j 18:52	6° \mathbb{Z} 59'22			-4438 Jan 04 j 18:04	0° \mathbb{Z}		
evening max el	-4439 Jan 24 j 10:05	20° \mathbb{Z} 34'10	18°55'43	evening max el	-4438 Jan 07 j 14:56	3° \mathbb{Z} 15'47	18°22'03	
retrograde	-4439 Feb 01 j 18:33	24° \mathbb{Z} 34'54		retrograde	-4438 Jan 14 j 22:54	6° \mathbb{Z} 53'35		
evening set	-4439 Feb 04 j 04:58	24° \mathbb{Z} 15'52		evening set	-4438 Jan 17 j 12:06	6° \mathbb{Z} 28'27		
inferior conj	-4439 Feb 12 j 02:10	19° \mathbb{Z} 57'57	3°24'07	inferior conj	-4438 Jan 24 j 17:35	1° \mathbb{Z} 49'51	3°58'37	
minimum elong	-4439 Feb 12 j 06:33	19° \mathbb{Z} 50'05	3°23'04	minimum elong	-4438 Jan 24 j 19:17	1° \mathbb{Z} 46'20	3°58'17	
min. Earth dist.	-4439 Feb 15 j 06:52	17° \mathbb{Z} 41'30	0.57473 AU		-4438 Jan 26 j 22:02	30° \mathbb{R} \mathbb{X}		
morning rise	-4439 Feb 20 j 05:37	14° \mathbb{Z} 52'23		min. Earth dist.	-4438 Jan 28 j 02:13	29° \mathbb{X} 02'50	0.59374 AU	
direct	-4439 Feb 25 j 15:24	13° \mathbb{Z} 42'31		morning rise	-4438 Feb 01 j 00:30	26° \mathbb{X} 20'58		
desc. node	-4439 Feb 26 j 14:46	13° \mathbb{Z} 44'48		direct	-4438 Feb 07 j 10:36	24° \mathbb{X} 32'00		
morning max el	-4439 Mar 11 j 20:49	21° \mathbb{Z} 04'17	25°44'00	desc. node	-4438 Feb 13 j 11:52	26° \mathbb{X} 02'51		
	-4439 Mar 19 j 14:24	0° \approx			-4438 Feb 19 j 08:27	0° \mathbb{Z}		
	-4439 Apr 06 j 06:54	0° \mathbb{X}		morning max el	-4438 Feb 21 j 16:11	2° \mathbb{Z} 07'01	26°55'51	
morning set	-4439 Apr 08 j 12:18	4° \mathbb{X} 35'57			-4438 Mar 13 j 18:54	0° \approx		
asc. node	-4439 Apr 12 j 18:25	13° \mathbb{X} 42'54		morning set	-4438 Mar 23 j 22:34	19° \approx 32'44		
					-4438 Mar 28 j 20:01	0° \mathbb{X}		
superior conj	-4439 Apr 15 j 12:21	19° \mathbb{X} 42'25	0°28'14	asc. node	-4438 Mar 30 j 15:24	3° \mathbb{X} 56'50		
minimum elong	-4439 Apr 15 j 11:08	19° \mathbb{X} 35'47	0°27'56					
max. Earth dist.	-4439 Apr 16 j 06:16	21° \mathbb{X} 20'06	1.32812 AU	superior conj	-4438 Mar 31 j 00:08	4° \mathbb{X} 44'39	0°03'48	
	-4439 Apr 20 j 06:48	0° \mathbb{Y}		minimum elong	-4438 Mar 30 j 23:58	4° \mathbb{X} 43'45	0°03'40	
evening rise	-4439 Apr 22 j 15:22	4° \mathbb{Y} 56'02		behind sun begin	-4438 Mar 30 j 19:05	4° \mathbb{X} 17'02		
	-4439 May 06 j 04:00	0° \mathbb{X}		behind sun end	-4438 Mar 31 j 04:51	5° \mathbb{X} 10'28		
evening max el	-4439 May 23 j 19:57	23° \mathbb{X} 14'47	27°05'48	max. Earth dist.	-4438 Mar 30 j 19:48	4° \mathbb{X} 20'58	1.32591 AU	
desc. node	-4439 May 25 j 13:21	24° \mathbb{X} 49'21		evening rise	-4438 Apr 06 j 23:55	19° \mathbb{X} 49'31		
	-4439 Jun 03 j 00:19	0° \mathbb{II}			-4438 Apr 12 j 01:01	0° \mathbb{Y}		
retrograde	-4439 Jun 06 j 18:56	0° \mathbb{II} 36'55			-4438 May 01 j 04:17	0° \mathbb{X}		
	-4439 Jun 10 j 10:54	30° \mathbb{R} \mathbb{X}		evening max el	-4438 May 05 j 20:00	4° \mathbb{X} 59'13	26°14'01	
evening set	-4439 Jun 13 j 16:39	28° \mathbb{X} 26'12		desc. node	-4438 May 12 j 10:29	10° \mathbb{X} 04'46		
min. Earth dist.	-4439 Jun 17 j 09:23	25° \mathbb{X} 40'18	0.61329 AU	retrograde	-4438 May 19 j 22:07	12° \mathbb{X} 17'22		
inferior conj	-4439 Jun 20 j 14:27	22° \mathbb{X} 49'35	-4°13'37	evening set	-4438 May 26 j 02:04	10° \mathbb{X} 42'45		
minimum elong	-4439 Jun 20 j 15:54	22° \mathbb{X} 46'22	4°13'22	min. Earth dist.	-4438 May 30 j 08:49	8° \mathbb{X} 00'16	0.59291 AU	
morning rise	-4439 Jun 27 j 16:44	17° \mathbb{X} 56'49		inferior conj	-4438 Jun 02 j 17:55	5° \mathbb{X} 24'12	-4°12'08	
direct	-4439 Jun 30 j 06:14	17° \mathbb{X} 29'30		minimum elong	-4438 Jun 02 j 16:18	5° \mathbb{X} 27'20	4°11'55	
morning max el	-4439 Jul 07 j 04:58	20° \mathbb{X} 56'13	18°01'55	morning rise	-4438 Jun 10 j 09:02	0° \mathbb{X} 53'17		
asc. node	-4439 Jul 09 j 18:08	23° \mathbb{X} 46'51		direct	-4438 Jun 12 j 21:12	0° \mathbb{X} 31'20		
	-4439 Jul 14 j 01:35	0° \mathbb{II}		morning max el	-4438 Jun 20 j 14:23	4° \mathbb{X} 12'27	18°26'02	
morning set	-4439 Jul 23 j 06:50	16° \mathbb{II} 15'48		asc. node	-4438 Jun 26 j 15:09	11° \mathbb{X} 48'37		
	-4439 Jul 30 j 20:01	0° \mathbb{E}		morning set	-4438 Jul 06 j 17:38	29° \mathbb{X} 50'07		
					-4438 Jul 06 j 19:42	0° \mathbb{II}		
superior conj	-4439 Aug 02 j 16:11	5° \mathbb{E} 01'35	1°39'51					
minimum elong	-4439 Aug 02 j 19:48	5° \mathbb{E} 17'25	1°39'51	superior conj	-4438 Jul 15 j 22:40	17° \mathbb{II} 16'42	1°48'50	
max. Earth dist.	-4439 Aug 10 j 03:26	17° \mathbb{E} 45'56	1.42043 AU	minimum elong	-4438 Jul 15 j 23:31	17° \mathbb{II} 20'34	1°49'01	
evening rise	-4439 Aug 16 j 11:42	28° \mathbb{E} 04'34			-4438 Jul 23 j 01:12	0° \mathbb{E}		
	-4439 Aug 17 j 16:50	0° Ω		max. Earth dist.	-4438 Jul 23 j 07:28	0° \mathbb{E} 27'08	1.40182 AU	
desc. node	-4439 Aug 21 j 12:25	5° Ω 57'28		evening rise	-4438 Jul 27 j 19:37	8° \mathbb{E} 05'52		

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

desc. node	-4438 Aug 08 j 09:25	26° ☿ 26'58		desc. node	-4437 Jul 26 j 06:26	16° ☿ 42'51	
	-4438 Aug 10 j 18:22	0° ♊			-4437 Aug 04 j 21:29	0° ♊	
evening max el	-4438 Aug 31 j 13:17	27° ♊ 03'12	23°28'08	evening max el	-4437 Aug 14 j 00:17	10° ♊ 31'47	24°47'41
	-4438 Sep 03 j 19:08	0° ♋		retrograde	-4437 Aug 25 j 13:18	17° ♊ 16'18	
retrograde	-4438 Sep 11 j 00:21	3° ♋ 14'38		evening set	-4437 Aug 31 j 05:09	14° ♊ 50'58	
evening set	-4438 Sep 16 j 01:15	1° ♋ 07'56		min. Earth dist.	-4437 Sep 04 j 18:51	9° ♊ 36'12	0.67099 AU
	-4438 Sep 17 j 05:53	30° ♋ 00		inferior conj	-4437 Sep 05 j 13:48	8° ♊ 33'08	-1°18'16
inferior conj	-4438 Sep 21 j 08:30	24° ♊ 49'26	-0°25'23	minimum elong	-4437 Sep 05 j 15:36	8° ♊ 27'07	1°17'21
minimum elong	-4438 Sep 21 j 09:06	24° ♊ 47'26	0°25'00	asc. node	-4437 Sep 09 j 11:23	3° ♊ 50'50	
min. Earth dist.	-4438 Sep 21 j 00:09	25° ♊ 18'04	0.67381 AU	morning rise	-4437 Sep 11 j 02:03	2° ♊ 28'56	
asc. node	-4438 Sep 22 j 14:17	23° ♊ 08'27		direct	-4437 Sep 14 j 17:21	1° ♊ 12'26	
morning rise	-4438 Sep 26 j 16:52	18° ♊ 38'24		morning max el	-4437 Sep 22 j 10:17	5° ♊ 41'16	20°06'45
direct	-4438 Sep 30 j 19:52	17° ♊ 03'12			-4437 Oct 10 j 04:03	0° ♋	
morning max el	-4438 Oct 09 j 11:10	22° ♊ 09'28	21°18'10	morning set	-4437 Oct 19 j 00:44	13° ♋ 35'35	
	-4438 Oct 16 j 01:47	0° ♋		desc. node	-4437 Oct 22 j 06:13	18° ♋ 36'52	
desc. node	-4438 Nov 04 j 09:18	28° ♋ 03'25			-4437 Oct 29 j 11:30	0° ♌	
	-4438 Nov 05 j 15:31	0° ♌		max. Earth dist.	-4437 Oct 30 j 07:10	1° ♌ 18'31	1.43795 AU
morning set	-4438 Nov 09 j 02:16	5° ♌ 22'34		superior conj	-4437 Nov 04 j 12:22	9° ♌ 44'01	-1°17'35
max. Earth dist.	-4438 Nov 16 j 21:04	17° ♌ 51'43	1.42321 AU	minimum elong	-4437 Nov 04 j 05:33	9° ♌ 16'14	1°16'54
					-4437 Nov 16 j 14:31	0° ♍	
superior conj	-4438 Nov 24 j 01:51	29° ♌ 55'28	-1°43'32	evening rise	-4437 Nov 17 j 15:40	1° ♍ 48'03	
minimum elong	-4438 Nov 23 j 21:27	29° ♌ 36'36	1°43'21	evening max el	-4437 Dec 05 j 13:38	29° ♍ 33'50	18°13'48
	-4438 Nov 24 j 02:55	0° ♍		asc. node	-4437 Dec 06 j 10:09	0° ♎ 23'05	
evening rise	-4438 Dec 05 j 08:55	19° ♍ 54'31			-4437 Dec 06 j 00:15	0° ♎	
	-4438 Dec 10 j 23:52	0° ♎		retrograde	-4437 Dec 12 j 02:49	3° ♎ 05'03	
asc. node	-4438 Dec 19 j 13:03	13° ♎ 26'58		evening set	-4437 Dec 14 j 22:20	2° ♎ 24'12	
evening max el	-4438 Dec 22 j 01:03	16° ♎ 17'57	18°08'18		-4437 Dec 18 j 07:09	30° ♎	
retrograde	-4438 Dec 28 j 19:03	19° ♎ 46'35		inferior conj	-4437 Dec 21 j 04:24	27° ♎ 04'01	3°46'42
evening set	-4438 Dec 31 j 11:02	19° ♎ 14'15		minimum elong	-4437 Dec 21 j 01:49	27° ♎ 11'01	3°46'09
inferior conj	-4437 Jan 07 j 03:32	14° ♎ 14'18	4°03'12	min. Earth dist.	-4437 Dec 23 j 16:03	24° ♎ 23'38	0.63203 AU
minimum elong	-4437 Jan 07 j 02:34	14° ♎ 16'36	4°02'58	morning rise	-4437 Dec 27 j 04:35	21° ♎ 07'40	
min. Earth dist.	-4437 Jan 10 j 04:33	11° ♎ 20'11	0.61368 AU	direct	-4436 Jan 03 j 06:08	18° ♎ 22'34	
morning rise	-4437 Jan 13 j 16:51	8° ♎ 29'19		morning max el	-4436 Jan 17 j 00:12	26° ♎ 05'56	27°39'15
direct	-4437 Jan 20 j 16:16	6° ♎ 05'34		desc. node	-4436 Jan 18 j 06:00	27° ♎ 21'25	
desc. node	-4437 Jan 31 j 08:56	10° ♎ 47'02			-4436 Jan 20 j 16:12	0° ♏	
morning max el	-4437 Feb 03 j 17:40	13° ♎ 47'29	27°35'38		-4436 Feb 10 j 07:01	0° ♏	
	-4437 Feb 16 j 19:17	0° ♏		morning set	-4436 Feb 20 j 05:28	18° ♏ 36'21	
	-4437 Mar 06 j 02:32	0° ♐		max. Earth dist.	-4436 Feb 25 j 15:00	29° ♏ 45'37	1.33197 AU
morning set	-4437 Mar 08 j 05:04	4° ♐ 15'35			-4436 Feb 25 j 17:43	0° ♐	
max. Earth dist.	-4437 Mar 14 j 07:58	17° ♐ 13'50	1.32709 AU				
				superior conj	-4436 Feb 27 j 20:01	4° ♐ 28'47	-0°45'47
superior conj	-4437 Mar 15 j 11:15	19° ♐ 42'08	-0°21'11	minimum elong	-4436 Feb 27 j 22:01	4° ♐ 39'28	0°45'35
minimum elong	-4437 Mar 15 j 12:12	19° ♐ 47'19	0°21'08	asc. node	-4436 Mar 03 j 09:21	14° ♐ 17'52	
asc. node	-4437 Mar 17 j 12:22	24° ♐ 09'53		evening rise	-4436 Mar 05 j 22:28	19° ♐ 42'48	
	-4437 Mar 20 j 04:57	0° ♑			-4436 Mar 11 j 00:19	0° ♑	
evening rise	-4437 Mar 22 j 10:53	4° ♑ 47'16		evening max el	-4436 Mar 29 j 06:24	26° ♑ 50'10	23°23'54
	-4437 Apr 04 j 23:59	0° ♒			-4436 Apr 02 j 01:23	0° ♒	
evening max el	-4437 Apr 17 j 14:16	16° ♒ 05'01	24°56'09	retrograde	-4436 Apr 11 j 18:57	3° ♒ 31'29	
desc. node	-4437 Apr 29 j 07:37	22° ♒ 59'46		evening set	-4436 Apr 15 j 10:32	3° ♒ 02'18	
retrograde	-4437 May 01 j 14:58	23° ♒ 12'12		desc. node	-4436 Apr 15 j 04:46	3° ♒ 05'57	
evening set	-4437 May 06 j 14:09	22° ♒ 15'33			-4436 Apr 22 j 05:54	30° ♒	
min. Earth dist.	-4437 May 12 j 02:36	19° ♒ 20'24	0.57368 AU	min. Earth dist.	-4436 Apr 22 j 17:35	29° ♒ 43'01	0.55909 AU
inferior conj	-4437 May 15 j 02:07	17° ♒ 20'56	-3°39'11	inferior conj	-4436 Apr 24 j 14:36	28° ♒ 36'14	-2°26'59
minimum elong	-4437 May 14 j 21:15	17° ♒ 29'07	3°38'16	minimum elong	-4436 Apr 24 j 09:02	28° ♒ 44'31	2°25'25
morning rise	-4437 May 23 j 07:30	13° ♒ 09'36		morning rise	-4436 May 03 j 10:08	24° ♒ 37'10	
direct	-4437 May 25 j 18:36	12° ♒ 51'58		direct	-4436 May 05 j 21:38	24° ♒ 21'57	
morning max el	-4437 Jun 03 j 16:45	17° ♒ 01'53	19°10'20	morning max el	-4436 May 16 j 09:29	29° ♒ 15'04	20°14'53
	-4437 Jun 13 j 04:45	0° ♓			-4436 May 17 j 04:07	0° ♓	
asc. node	-4437 Jun 13 j 12:08	0° ♓ 32'06		asc. node	-4436 May 30 j 09:06	19° ♓ 47'11	
morning set	-4437 Jun 20 j 14:32	13° ♓ 56'48		morning set	-4436 Jun 03 j 18:30	28° ♓ 27'51	
					-4436 Jun 04 j 12:38	0° ♔	
superior conj	-4437 Jun 28 j 23:24	0° ♔ 28'07	1°47'15	superior conj	-4436 Jun 11 j 13:18	14° ♔ 21'17	1°37'51
minimum elong	-4437 Jun 28 j 22:09	0° ♔ 22'05	1°47'23	minimum elong	-4436 Jun 11 j 10:55	14° ♔ 09'15	1°37'47
	-4437 Jun 28 j 17:36	0° ♔		max. Earth dist.	-4436 Jun 16 j 13:45	24° ♔ 15'09	1.36452 AU
max. Earth dist.	-4437 Jul 05 j 08:42	12° ♔ 28'48	1.38238 AU		-4436 Jun 19 j 14:39	0° ♕	
evening rise	-4437 Jul 09 j 05:55	19° ♔ 24'57					
	-4437 Jul 15 j 11:53	0° ♕					

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening rise	-4436 Jun 20 j 15:09	1° Π 53'16			-4435 Jun 11 j 20:18	0° Π	
	-4436 Jul 07 j 13:19	0° \mathfrak{D}		desc. node	-4435 Jun 29 j 00:32	26° Π 04'56	
desc. node	-4436 Jul 12 j 03:28	6° \mathfrak{D} 38'22			-4435 Jul 02 j 02:53	0° \mathfrak{D}	
evening max el	-4436 Jul 26 j 11:03	24° \mathfrak{D} 02'50	25°58'27	evening max el	-4435 Jul 08 j 22:23	7° \mathfrak{D} 30'33	26°52'10
	-4436 Aug 03 j 07:37	0° Ω		retrograde	-4435 Jul 22 j 00:45	14° \mathfrak{D} 50'27	
retrograde	-4436 Aug 07 j 21:34	1° Ω 10'08		evening set	-4435 Jul 28 j 19:44	12° \mathfrak{D} 02'28	
	-4436 Aug 12 j 02:04	30° \mathfrak{R} \mathfrak{D}		min. Earth dist.	-4435 Aug 01 j 17:23	8° \mathfrak{D} 04'00	0.65524 AU
evening set	-4436 Aug 14 j 04:05	28° \mathfrak{D} 29'53		inferior conj	-4435 Aug 03 j 13:07	5° \mathfrak{D} 55'24	-2°55'32
min. Earth dist.	-4436 Aug 18 j 09:22	23° \mathfrak{D} 52'50	0.66491 AU	minimum elong	-4435 Aug 03 j 16:41	5° \mathfrak{D} 44'54	2°54'15
inferior conj	-4436 Aug 19 j 16:00	22° \mathfrak{D} 15'59	-2°08'59	morning rise	-4435 Aug 09 j 13:58	0° \mathfrak{D} 14'51	
minimum elong	-4436 Aug 19 j 18:51	22° \mathfrak{D} 06'55	2°07'45		-4435 Aug 10 j 01:59	30° \mathfrak{R} Π	
morning rise	-4436 Aug 25 j 09:45	16° \mathfrak{D} 21'58		direct	-4435 Aug 12 j 12:38	29° Π 26'47	
asc. node	-4436 Aug 26 j 08:28	15° \mathfrak{D} 51'41		asc. node	-4435 Aug 13 j 05:34	29° Π 29'32	
direct	-4436 Aug 28 j 15:37	15° \mathfrak{D} 21'13			-4435 Aug 15 j 00:08	0° \mathfrak{D}	
morning max el	-4436 Sep 04 j 16:17	19° \mathfrak{D} 20'37	19°09'14	morning max el	-4435 Aug 19 j 03:40	3° \mathfrak{D} 05'31	18°27'37
	-4436 Sep 12 j 21:58	0° Ω			-4435 Sep 06 j 07:10	0° Ω	
morning set	-4436 Sep 27 j 09:13	22° Ω 23'17		morning set	-4435 Sep 07 j 18:48	2° Ω 25'22	
	-4436 Oct 02 j 05:26	0° \mathfrak{M}					
desc. node	-4436 Oct 08 j 03:07	9° \mathfrak{M} 16'58		superior conj	-4435 Sep 22 j 20:59	26° Ω 39'01	0°13'26
max. Earth dist.	-4436 Oct 11 j 23:04	15° \mathfrak{M} 19'20	1.44648 AU	minimum elong	-4435 Sep 22 j 22:44	26° Ω 45'54	0°13'20
				behind sun begin	-4435 Sep 22 j 16:09	26° Ω 19'55	
superior conj	-4436 Oct 13 j 21:38	18° \mathfrak{M} 23'24	-0°35'58	behind sun end	-4435 Sep 23 j 05:18	27° Ω 11'53	
minimum elong	-4436 Oct 13 j 17:08	18° \mathfrak{M} 05'37	0°35'20	max. Earth dist.	-4435 Sep 24 j 17:20	29° Ω 34'10	1.44782 AU
	-4436 Oct 21 j 04:21	0° \mathfrak{A}			-4435 Sep 24 j 23:53	0° \mathfrak{M}	
evening rise	-4436 Oct 29 j 00:19	12° \mathfrak{A} 42'33		desc. node	-4435 Sep 25 j 00:03	0° \mathfrak{M} 00'37	
	-4436 Nov 08 j 15:25	0° \mathfrak{M}		evening rise	-4435 Oct 09 j 07:56	22° \mathfrak{M} 32'41	
evening max el	-4436 Nov 18 j 01:54	12° \mathfrak{M} 57'09	18°37'39		-4435 Oct 14 j 01:41	0° \mathfrak{A}	
asc. node	-4436 Nov 22 j 07:16	16° \mathfrak{M} 08'08		greatest brilliancy	-4435 Oct 19 j 04:24	7° \mathfrak{A} 59'30	-0.8m
retrograde	-4436 Nov 24 j 18:13	16° \mathfrak{M} 41'04		evening max el	-4435 Nov 01 j 11:20	26° \mathfrak{A} 23'20	19°18'34
evening set	-4436 Nov 27 j 18:39	15° \mathfrak{M} 50'02			-4435 Nov 06 j 06:48	0° \mathfrak{M}	
inferior conj	-4436 Dec 03 j 16:33	10° \mathfrak{M} 11'53	3°15'59	retrograde	-4435 Nov 08 j 13:55	0° \mathfrak{M} 28'59	
minimum elong	-4436 Dec 03 j 13:21	10° \mathfrak{M} 21'23	3°15'04	asc. node	-4435 Nov 09 j 04:24	0° \mathfrak{M} 26'53	
min. Earth dist.	-4436 Dec 05 j 13:25	7° \mathfrak{M} 58'54	0.64725 AU		-4435 Nov 10 j 19:29	30° \mathfrak{R} \mathfrak{A}	
morning rise	-4436 Dec 09 j 07:40	4° \mathfrak{M} 06'57		evening set	-4435 Nov 11 j 21:07	29° \mathfrak{A} 25'35	
direct	-4436 Dec 16 j 02:41	1° \mathfrak{M} 15'59		inferior conj	-4435 Nov 17 j 12:48	23° \mathfrak{A} 32'33	2°35'40
morning max el	-4436 Dec 29 j 09:28	8° \mathfrak{M} 54'00	27°09'02	minimum elong	-4435 Nov 17 j 09:47	23° \mathfrak{A} 42'12	2°34'37
desc. node	-4435 Jan 04 j 03:01	15° \mathfrak{M} 14'27		min. Earth dist.	-4435 Nov 18 j 19:52	21° \mathfrak{A} 53'30	0.65888 AU
	-4435 Jan 14 j 23:27	0° \mathfrak{X}		morning rise	-4435 Nov 22 j 22:12	17° \mathfrak{A} 21'22	
	-4435 Feb 01 j 14:38	0° \mathfrak{Z}		direct	-4435 Nov 29 j 05:13	14° \mathfrak{A} 37'10	
morning set	-4435 Feb 02 j 20:49	2° \mathfrak{Z} 25'21		morning max el	-4435 Dec 11 j 19:08	21° \mathfrak{A} 59'52	26°11'17
max. Earth dist.	-4435 Feb 07 j 13:16	11° \mathfrak{Z} 46'07	1.34099 AU		-4435 Dec 18 j 20:38	0° \mathfrak{M}	
				desc. node	-4435 Dec 22 j 00:01	4° \mathfrak{M} 02'51	
superior conj	-4435 Feb 11 j 00:32	18° \mathfrak{Z} 58'11	-1°08'57		-4434 Jan 08 j 04:52	0° \mathfrak{X}	
minimum elong	-4435 Feb 11 j 03:19	19° \mathfrak{Z} 12'48	1°08'42	morning set	-4434 Jan 16 j 23:03	15° \mathfrak{X} 29'55	
	-4435 Feb 16 j 05:34	0° \approx		max. Earth dist.	-4434 Jan 21 j 00:14	23° \mathfrak{X} 12'59	1.35446 AU
evening rise	-4435 Feb 18 j 08:58	4° \approx 30'05			-4434 Jan 24 j 10:23	0° \mathfrak{Z}	
asc. node	-4435 Feb 18 j 06:22	4° \approx 16'32					
	-4435 Mar 04 j 13:59	0° \mathfrak{X}		superior conj	-4434 Jan 25 j 22:23	3° \mathfrak{Z} 02'18	-1°29'17
evening max el	-4435 Mar 11 j 02:16	7° \mathfrak{X} 40'37	21°51'11	minimum elong	-4434 Jan 26 j 01:28	3° \mathfrak{Z} 17'59	1°29'07
retrograde	-4435 Mar 23 j 11:35	13° \mathfrak{X} 39'27		evening rise	-4434 Feb 02 j 16:32	19° \mathfrak{Z} 02'16	
evening set	-4435 Mar 26 j 04:39	13° \mathfrak{X} 23'03		asc. node	-4434 Feb 05 j 03:25	24° \mathfrak{Z} 00'27	
desc. node	-4435 Apr 02 j 01:55	10° \mathfrak{X} 40'35			-4434 Feb 08 j 05:33	0° \approx	
inferior conj	-4435 Apr 04 j 12:51	9° \mathfrak{X} 19'02	-0°40'37	evening max el	-4434 Feb 21 j 06:46	18° \approx 57'17	20°29'08
minimum elong	-4435 Apr 04 j 10:58	9° \mathfrak{X} 21'41	0°40'02	retrograde	-4434 Mar 04 j 01:52	24° \approx 05'01	
min. Earth dist.	-4435 Apr 04 j 07:36	9° \mathfrak{X} 26'25	0.55212 AU	evening set	-4434 Mar 06 j 10:05	23° \approx 51'32	
morning rise	-4435 Apr 13 j 18:06	5° \mathfrak{X} 18'37		inferior conj	-4434 Mar 15 j 09:14	19° \approx 53'11	1°14'39
direct	-4435 Apr 16 j 11:54	5° \mathfrak{X} 01'53		minimum elong	-4434 Mar 15 j 12:27	19° \approx 48'29	1°13'27
morning max el	-4435 Apr 28 j 15:20	10° \mathfrak{X} 47'10	21°37'58	min. Earth dist.	-4434 Mar 16 j 21:40	18° \approx 59'52	0.55439 AU
	-4435 May 12 j 08:39	0° \mathfrak{Y}		desc. node	-4434 Mar 19 j 23:05	17° \approx 19'23	
asc. node	-4435 May 17 j 06:05	9° \mathfrak{Y} 26'03		morning rise	-4434 Mar 24 j 13:23	15° \approx 33'19	
morning set	-4435 May 19 j 03:14	13° \mathfrak{Y} 16'49		direct	-4434 Mar 28 j 01:02	15° \approx 06'51	
				morning max el	-4434 Apr 10 j 11:39	21° \approx 41'55	23°14'03
superior conj	-4435 May 26 j 12:31	28° \mathfrak{Y} 45'14	1°22'47		-4434 Apr 17 j 15:14	0° \mathfrak{X}	
minimum elong	-4435 May 26 j 09:48	28° \mathfrak{Y} 31'06	1°22'32	morning set	-4434 May 03 j 14:37	28° \mathfrak{X} 15'53	
	-4435 May 27 j 02:54	0° \mathfrak{B}		asc. node	-4434 May 04 j 03:05	29° \mathfrak{X} 21'11	
max. Earth dist.	-4435 May 30 j 03:34	6° \mathfrak{B} 12'15	1.34970 AU		-4434 May 04 j 10:27	0° \mathfrak{Y}	
evening rise	-4435 Jun 03 j 18:00	15° \mathfrak{B} 16'23					

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4434 May 10 j 17:59	13° Υ 29'17	1°03'42	superior conj	-4433 Apr 25 j 03:22	28° H 25'39	0°41'47
minimum elong	-4434 May 10 j 15:33	13° Υ 16'17	1°03'19	minimum elong	-4433 Apr 25 j 01:37	28° H 16'11	0°41'24
max. Earth dist.	-4434 May 13 j 03:05	18° Υ 31'53	1.33847 AU		-4433 Apr 25 j 20:47	0° Υ	
evening rise	-4434 May 18 j 09:27	29° Υ 18'44		max. Earth dist.	-4433 Apr 26 j 10:36	1° Υ 14'38	1.33090 AU
	-4434 May 18 j 17:47	0° B		evening rise	-4433 May 02 j 09:45	13° Υ 48'30	
	-4434 Jun 04 j 22:40	0° Π			-4433 May 10 j 20:30	0° B	
desc. node	-4434 Jun 15 j 21:38	14° Π 49'26			-4433 May 31 j 08:25	0° Π	
evening max el	-4434 Jun 21 j 09:16	20° Π 43'42	27°21'35	desc. node	-4433 Jun 02 j 18:46	2° Π 34'02	
retrograde	-4434 Jul 04 j 22:35	28° Π 08'29		evening max el	-4433 Jun 03 j 17:47	3° Π 30'27	27°20'59
evening set	-4434 Jul 12 j 01:08	25° Π 23'54		retrograde	-4433 Jun 17 j 14:21	10° Π 54'53	
min. Earth dist.	-4434 Jul 15 j 16:52	22° Π 01'07	0.64165 AU	evening set	-4433 Jun 24 j 16:37	8° Π 27'50	
inferior conj	-4434 Jul 18 j 02:42	19° Π 26'14	-3°35'15	min. Earth dist.	-4433 Jun 28 j 06:46	5° Π 32'09	0.62443 AU
minimum elong	-4434 Jul 18 j 06:19	19° Π 16'32	3°34'16	inferior conj	-4433 Jul 01 j 05:50	2° Π 42'18	-4°04'11
morning rise	-4434 Jul 24 j 12:13	14° Π 02'17		minimum elong	-4433 Jul 01 j 08:27	2° Π 36'00	4°03'41
direct	-4434 Jul 27 j 05:48	13° Π 24'04			-4433 Jul 04 j 05:36	30° R	
asc. node	-4434 Jul 31 j 02:39	14° Π 39'59		morning rise	-4433 Jul 08 j 01:33	27° B 37'29	
morning max el	-4434 Aug 02 j 18:03	16° Π 50'59	18°03'12	direct	-4433 Jul 10 j 15:58	27° B 06'49	
	-4434 Aug 12 j 04:19	0° E			-4433 Jul 16 j 19:35	0° Π	
morning set	-4434 Aug 20 j 07:09	13° E 43'51		morning max el	-4433 Jul 17 j 08:42	0° Π 31'01	17°56'54
	-4434 Aug 29 j 23:13	0° O		asc. node	-4433 Jul 17 j 23:43	1° Π 09'16	
				morning set	-4433 Aug 02 j 17:43	26° Π 06'00	
superior conj	-4434 Sep 02 j 09:19	5° O 36'07	0°57'46		-4433 Aug 04 j 22:04	0° E	
minimum elong	-4434 Sep 02 j 15:00	5° O 59'09	0°57'17	superior conj	-4433 Aug 13 j 23:54	15° E 51'23	1°28'45
max. Earth dist.	-4434 Sep 07 j 10:17	13° O 42'39	1.44190 AU	minimum elong	-4433 Aug 14 j 04:59	16° E 12'58	1°28'31
desc. node	-4434 Sep 11 j 20:59	20° O 44'45		max. Earth dist.	-4433 Aug 20 j 22:56	27° E 26'39	1.42969 AU
	-4434 Sep 17 j 19:23	0° M			-4433 Aug 22 j 12:45	0° O	
evening rise	-4434 Sep 18 j 18:13	1° M 28'20		evening rise	-4433 Aug 28 j 22:16	10° O 09'27	
	-4434 Oct 07 j 19:03	0° A		desc. node	-4433 Aug 29 j 17:56	11° O 26'06	
evening max el	-4434 Oct 15 j 15:53	9° A 49'51	20°14'53		-4433 Sep 11 j 00:12	0° M	
retrograde	-4434 Oct 23 j 11:11	14° A 24'59		evening max el	-4433 Sep 28 j 14:19	23° M 15'11	21°23'56
evening set	-4434 Oct 27 j 03:19	13° A 06'43		retrograde	-4433 Oct 07 j 07:49	28° M 25'48	
asc. node	-4434 Oct 27 j 01:33	13° A 09'49		evening set	-4433 Oct 11 j 11:09	26° M 50'04	
inferior conj	-4434 Nov 01 j 14:34	7° A 02'15	1°49'00	asc. node	-4433 Oct 13 j 22:43	24° M 22'41	
minimum elong	-4434 Nov 01 j 12:14	7° A 10'04	1°48'06	inferior conj	-4433 Oct 16 j 19:38	20° M 37'39	0°58'15
min. Earth dist.	-4434 Nov 02 j 09:24	5° A 59'08	0.66704 AU	minimum elong	-4433 Oct 16 j 18:18	20° M 42'12	0°57'46
morning rise	-4434 Nov 06 j 20:57	0° A 47'20		min. Earth dist.	-4433 Oct 17 j 03:31	20° M 10'31	0.67206 AU
	-4434 Nov 07 j 20:17	30° R		morning rise	-4433 Oct 22 j 01:17	14° M 21'54	
direct	-4434 Nov 12 j 13:24	28° M 18'33		direct	-4433 Oct 27 j 02:32	12° M 13'09	
	-4434 Nov 17 j 19:49	0° A		morning max el	-4433 Nov 06 j 13:16	18° M 27'49	23°29'21
morning max el	-4434 Nov 24 j 04:05	5° A 13'06	24°54'50		-4433 Nov 16 j 05:05	0° A	
desc. node	-4434 Dec 08 j 21:00	23° A 30'21		desc. node	-4433 Nov 25 j 17:56	13° A 24'54	
	-4434 Dec 13 j 08:18	0° M			-4433 Dec 06 j 11:45	0° M	
morning set	-4434 Dec 30 j 06:54	27° M 35'15		morning set	-4433 Dec 11 j 14:04	8° M 23'50	
	-4434 Dec 31 j 15:19	0° A		max. Earth dist.	-4433 Dec 15 j 20:01	15° M 40'58	1.39233 AU
max. Earth dist.	-4433 Jan 03 j 00:34	4° A 20'39	1.37204 AU				
superior conj	-4433 Jan 09 j 10:30	16° A 32'34	-1°44'54	superior conj	-4433 Dec 23 j 08:42	29° M 16'55	-1°53'17
minimum elong	-4433 Jan 09 j 13:03	16° A 45'03	1°44'56	minimum elong	-4433 Dec 23 j 09:30	29° M 20'40	1°53'27
	-4433 Jan 16 j 04:30	0° B			-4433 Dec 23 j 17:55	0° A	
evening rise	-4433 Jan 17 j 19:01	3° B 13'14		evening rise	-4432 Jan 01 j 13:47	16° A 55'11	
asc. node	-4433 Jan 23 j 00:29	13° B 23'57			-4432 Jan 08 j 13:18	0° B	
	-4433 Feb 03 j 01:42	0° \approx		asc. node	-4432 Jan 09 j 21:34	2° B 19'08	
evening max el	-4433 Feb 03 j 21:55	0° \approx 50'14	19°24'15	evening max el	-4432 Jan 17 j 22:30	13° B 15'59	18°39'01
retrograde	-4433 Feb 13 j 01:50	5° \approx 11'29		retrograde	-4432 Jan 25 j 19:07	17° B 04'46	
evening set	-4433 Feb 15 j 10:24	4° \approx 55'29		evening set	-4432 Jan 28 j 06:47	16° B 43'18	
inferior conj	-4433 Feb 23 j 17:30	0° \approx 47'51	2°47'26	inferior conj	-4432 Feb 04 j 21:03	12° B 17'17	3°42'55
minimum elong	-4433 Feb 23 j 22:35	0° \approx 39'27	2°45'57	minimum elong	-4432 Feb 05 j 00:24	12° B 10'51	3°42'15
	-4433 Feb 24 j 22:25	30° R		min. Earth dist.	-4432 Feb 08 j 05:26	9° B 44'50	0.58251 AU
min. Earth dist.	-4433 Feb 26 j 12:34	28° B 57'54	0.56538 AU	morning rise	-4432 Feb 12 j 15:38	7° B 00'52	
morning rise	-4433 Mar 04 j 08:07	25° B 58'11		direct	-4432 Feb 18 j 13:09	5° B 34'15	
desc. node	-4433 Mar 06 j 20:13	25° B 19'02		desc. node	-4432 Feb 21 j 17:21	5° B 59'04	
direct	-4433 Mar 09 j 00:29	25° B 08'01		morning max el	-4432 Mar 03 j 19:08	13° B 03'07	26°17'49
	-4433 Mar 20 j 12:23	0° \approx			-4432 Mar 17 j 03:25	0° \approx	
morning max el	-4433 Mar 23 j 02:57	2° \approx 18'24	24°52'10	morning set	-4432 Apr 01 j 14:23	28° \approx 19'23	
	-4433 Apr 11 j 10:37	0° H			-4432 Apr 02 j 09:30	0° H	
morning set	-4433 Apr 18 j 02:54	13° H 18'50		asc. node	-4432 Apr 06 j 21:04	9° H 39'31	
asc. node	-4433 Apr 21 j 00:04	19° H 27'16					

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4432 Apr 08 j 14:45	13° X 27'23	0°18'01	max. Earth dist.	-4431 Mar 23 j 12:25	27° \approx 11'35	1.32599 AU
minimum elong	-4432 Apr 08 j 13:57	13° X 23'05	0°17'45				
max. Earth dist.	-4432 Apr 08 j 22:56	14° X 12'08	1.32677 AU	superior conj	-4431 Mar 24 j 02:24	28° \approx 28'02	-0°06'48
evening rise	-4432 Apr 15 j 15:58	28° X 35'49		minimum elong	-4431 Mar 24 j 02:42	28° \approx 29'42	0°06'51
	-4432 Apr 16 j 08:14	0° Y		behind sun begin	-4431 Mar 23 j 22:09	28° \approx 04'49	
	-4432 May 03 j 04:55	0° X		behind sun end	-4431 Mar 24 j 07:15	28° \approx 54'35	
evening max el	-4432 May 15 j 21:41	15° X 40'21	26°47'36	asc. node	-4431 Mar 24 j 18:01	29° \approx 53'27	
desc. node	-4432 May 19 j 15:54	18° X 53'38			-4431 Mar 24 j 19:13	0° X	
retrograde	-4432 May 29 j 22:37	23° X 01'06		evening rise	-4431 Mar 31 j 01:45	13° X 32'00	
evening set	-4432 Jun 05 j 14:04	21° X 05'11			-4431 Apr 08 j 11:01	0° Y	
min. Earth dist.	-4432 Jun 09 j 11:12	18° X 22'31	0.60465 AU	evening max el	-4431 Apr 27 j 19:17	27° Y 07'56	25°43'36
inferior conj	-4432 Jun 12 j 19:04	15° X 35'26	-4°16'14		-4431 May 01 j 02:49	0° X	
minimum elong	-4432 Jun 12 j 19:20	15° X 34'51	4°16'05	desc. node	-4431 May 06 j 13:04	3° X 14'21	
morning rise	-4432 Jun 20 j 02:34	10° X 51'42		retrograde	-4431 May 11 j 21:21	4° X 21'47	
direct	-4432 Jun 22 j 15:21	10° X 26'49		evening set	-4431 May 17 j 14:12	3° X 03'59	
morning max el	-4432 Jun 29 j 20:50	13° X 58'28	18°09'40	min. Earth dist.	-4431 May 22 j 07:45	0° X 17'56	0.58443 AU
asc. node	-4432 Jul 03 j 20:45	18° X 41'43			-4431 May 22 j 17:59	30° R Y	
	-4432 Jul 10 j 19:58	0° II		inferior conj	-4431 May 25 j 14:40	27° Y 55'14	-4°02'37
morning set	-4432 Jul 15 j 21:06	9° II 18'15		minimum elong	-4431 May 25 j 11:34	28° Y 00'54	4°02'12
				morning rise	-4431 Jun 02 j 11:40	23° Y 32'54	
superior conj	-4432 Jul 25 j 17:16	27° II 26'53	1°45'09	direct	-4431 Jun 04 j 23:31	23° Y 12'46	
minimum elong	-4432 Jul 25 j 19:40	27° II 37'39	1°45'15	morning max el	-4431 Jun 13 j 03:30	27° Y 04'11	18°42'20
	-4432 Jul 27 j 03:37	0° X			-4431 Jun 15 j 20:21	0° X	
max. Earth dist.	-4432 Aug 02 j 06:19	10° X 34'26	1.41282 AU	asc. node	-4431 Jun 20 j 17:44	7° X 02'33	
evening rise	-4432 Aug 07 j 16:23	19° X 31'54		morning set	-4431 Jun 29 j 12:39	23° X 07'50	
	-4432 Aug 14 j 07:18	0° X			-4431 Jul 03 j 01:22	0° II	
desc. node	-4432 Aug 15 j 14:55	2° X 01'34					
	-4432 Sep 04 j 10:09	0° X		superior conj	-4431 Jul 08 j 08:12	10° II 07'57	1°49'17
evening max el	-4432 Sep 10 j 06:54	6° X 40'56	22°41'38	minimum elong	-4431 Jul 08 j 08:02	10° II 07'12	1°49'29
retrograde	-4432 Sep 20 j 02:14	12° X 29'50		max. Earth dist.	-4431 Jul 15 j 09:10	22° II 59'42	1.39356 AU
evening set	-4432 Sep 24 j 18:52	10° X 34'42		evening rise	-4431 Jul 19 j 11:38	0° X 06'26	
asc. node	-4432 Sep 29 j 19:50	4° X 39'25			-4431 Jul 19 j 10:07	0° X	
inferior conj	-4432 Sep 30 j 02:08	4° X 17'40	0°05'23	desc. node	-4431 Aug 02 j 11:55	22° X 26'10	
minimum elong	-4432 Sep 30 j 02:00	4° X 18'07	0°05'27		-4431 Aug 07 j 16:36	0° X	
transit middle	-4432 Sep 30 j 02:00	4° X 18'07	0°05'27	evening max el	-4431 Aug 23 j 19:12	20° X 07'53	24°02'27
transit begin	-4432 Sep 29 j 23:27	4° X 26'54		retrograde	-4431 Sep 03 j 17:20	26° X 33'38	
transit end	-4432 Sep 30 j 04:33	4° X 09'20		evening set	-4431 Sep 09 j 00:41	24° X 18'37	
min. Earth dist.	-4432 Sep 29 j 23:43	4° X 25'59	0.67410 AU	inferior conj	-4431 Sep 14 j 08:20	18° X 00'14	-0°47'57
	-4432 Oct 03 j 09:43	30° R X		minimum elong	-4431 Sep 14 j 09:27	17° X 56'27	0°47'20
morning rise	-4432 Oct 05 j 09:00	28° X 04'06		min. Earth dist.	-4431 Sep 13 j 19:33	18° X 43'35	0.67309 AU
direct	-4432 Oct 09 j 19:48	26° X 16'48		asc. node	-4431 Sep 16 j 16:55	14° X 55'21	
	-4432 Oct 17 j 05:12	0° X		morning rise	-4431 Sep 19 j 18:11	11° X 51'56	
morning max el	-4432 Oct 19 j 01:54	1° X 46'52	22°04'05	direct	-4431 Sep 23 j 16:01	10° X 24'58	
	-4432 Nov 09 j 04:46	0° X		morning max el	-4431 Oct 01 j 20:56	15° X 13'50	20°46'14
desc. node	-4432 Nov 11 j 14:51	3° X 39'00			-4431 Oct 13 j 09:54	0° X	
morning set	-4432 Nov 20 j 16:35	17° X 48'41		desc. node	-4431 Oct 29 j 11:47	24° X 06'49	
max. Earth dist.	-4432 Nov 26 j 19:05	27° X 48'26	1.41273 AU	morning set	-4431 Oct 30 j 20:06	26° X 12'16	
	-4432 Nov 28 j 02:24	0° X			-4431 Nov 02 j 06:22	0° X	
				max. Earth dist.	-4431 Nov 09 j 01:40	10° X 50'57	1.43020 AU
superior conj	-4432 Dec 04 j 11:49	11° X 02'30	-1°51'05				
minimum elong	-4432 Dec 04 j 09:31	10° X 52'20	1°51'07	superior conj	-4431 Nov 15 j 14:13	21° X 35'44	-1°34'35
evening rise	-4432 Dec 14 j 21:45	0° X 01'35		minimum elong	-4431 Nov 15 j 08:26	21° X 11'28	1°34'11
	-4432 Dec 14 j 21:24	0° X			-4431 Nov 20 j 12:52	0° X	
asc. node	-4432 Dec 26 j 18:38	20° X 37'09		evening rise	-4431 Nov 27 j 15:02	12° X 24'45	
evening max el	-4432 Dec 31 j 05:56	26° X 06'59	18°13'49		-4431 Dec 07 j 19:48	0° X	
retrograde	-4431 Jan 07 j 06:30	29° X 38'58		asc. node	-4431 Dec 13 j 15:42	8° X 07'04	
evening set	-4431 Jan 09 j 21:01	29° X 10'43		evening max el	-4431 Dec 14 j 17:24	9° X 15'39	18°08'19
inferior conj	-4431 Jan 16 j 20:37	24° X 22'54	4°03'38	retrograde	-4431 Dec 21 j 08:16	12° X 44'13	
minimum elong	-4431 Jan 16 j 21:05	24° X 21'51	4°03'26	evening set	-4431 Dec 24 j 01:40	12° X 08'20	
min. Earth dist.	-4431 Jan 20 j 03:04	21° X 30'12	0.60233 AU	inferior conj	-4431 Dec 30 j 13:22	6° X 59'13	3°58'21
morning rise	-4431 Jan 23 j 19:34	18° X 46'48		minimum elong	-4431 Dec 30 j 11:35	7° X 03'44	3°58'00
direct	-4431 Jan 30 j 12:59	16° X 41'51		min. Earth dist.	-4430 Jan 02 j 08:56	4° X 09'05	0.62176 AU
desc. node	-4431 Feb 07 j 14:26	19° X 22'55		morning rise	-4430 Jan 05 j 20:33	1° X 08'56	
morning max el	-4431 Feb 13 j 16:45	24° X 19'35	27°17'09		-4430 Jan 07 j 15:53	30° X	
	-4431 Feb 18 j 21:22	0° X		direct	-4430 Jan 12 j 21:59	28° X 34'38	
	-4431 Mar 10 j 07:01	0° \approx			-4430 Jan 18 j 12:15	0° X	
morning set	-4431 Mar 16 j 23:15	13° \approx 10'43		desc. node	-4430 Jan 25 j 11:30	4° X 58'33	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning max el	-4430 Jan 26 j 20:46	6° 𐤔 17'23	27°41'46		-4429 Jan 18 j 17:46	0° 𐤔	
	-4430 Feb 13 j 21:08	0° 𐤔			-4429 Feb 06 j 18:04	0° 𐤔	
morning set	-4430 Mar 01 j 03:29	27° 𐤔 45'36		morning set	-4429 Feb 13 j 00:27	11° 𐤔 54'08	
	-4430 Mar 02 j 05:45	0° 𐤔		max. Earth dist.	-4429 Feb 18 j 02:52	22° 𐤔 17'53	1.33523 AU
max. Earth dist.	-4430 Mar 06 j 23:06	9° 𐤔 58'26	1.32868 AU				
				superior conj	-4429 Feb 20 j 19:55	28° 𐤔 01'28	-0°55'53
superior conj	-4430 Mar 08 j 12:44	13° 𐤔 21'45	-0°31'44	minimum elong	-4429 Feb 20 j 22:17	28° 𐤔 14'05	0°55'38
minimum elong	-4430 Mar 08 j 14:08	13° 𐤔 29'24	0°31'36		-4429 Feb 21 j 18:07	0° 𐤔	
asc. node	-4430 Mar 11 j 15:00	20° 𐤔 05'07		asc. node	-4429 Feb 26 j 12:00	10° 𐤔 09'25	
evening rise	-4430 Mar 15 j 13:12	28° 𐤔 29'58		evening rise	-4429 Feb 28 j 00:31	13° 𐤔 22'15	
	-4430 Mar 16 j 06:23	0° 𐤔			-4429 Mar 08 j 13:00	0° 𐤔	
	-4430 Apr 02 j 12:16	0° 𐤔		evening max el	-4429 Mar 22 j 04:37	18° 𐤔 44'47	22°43'45
evening max el	-4430 Apr 09 j 11:53	8° 𐤔 01'49	24°17'51	retrograde	-4429 Apr 04 j 07:49	25° 𐤔 10'42	
retrograde	-4430 Apr 23 j 08:43	15° 𐤔 00'19		evening set	-4429 Apr 07 j 11:59	24° 𐤔 48'37	
desc. node	-4430 Apr 23 j 10:11	15° 𐤔 00'18		desc. node	-4429 Apr 10 j 07:21	23° 𐤔 55'18	
evening set	-4430 Apr 27 j 18:28	14° 𐤔 16'48		min. Earth dist.	-4429 Apr 15 j 14:10	21° 𐤔 15'11	0.55500 AU
min. Earth dist.	-4430 May 03 j 23:42	11° 𐤔 12'58	0.56674 AU	inferior conj	-4429 Apr 16 j 19:29	20° 𐤔 33'01	-1°45'01
inferior conj	-4430 May 06 j 14:16	9° 𐤔 34'16	-3°13'33	minimum elong	-4429 Apr 16 j 15:00	20° 𐤔 39'29	1°43'37
minimum elong	-4430 May 06 j 08:37	9° 𐤔 43'15	3°12'14	morning rise	-4429 Apr 25 j 20:06	16° 𐤔 35'38	
morning rise	-4430 May 15 j 01:53	5° 𐤔 29'48		direct	-4429 Apr 28 j 08:54	16° 𐤔 20'36	
direct	-4430 May 17 j 12:57	5° 𐤔 13'28		morning max el	-4429 May 09 j 14:20	21° 𐤔 35'33	20°48'16
morning max el	-4430 May 27 j 02:04	9° 𐤔 39'29	19°35'23		-4429 May 16 j 14:09	0° 𐤔	
asc. node	-4430 Jun 07 j 14:44	26° 𐤔 00'43		asc. node	-4429 May 25 j 11:45	15° 𐤔 26'32	
	-4430 Jun 09 j 18:00	0° 𐤔		morning set	-4429 May 28 j 19:09	22° 𐤔 05'07	
morning set	-4430 Jun 13 j 12:54	7° 𐤔 26'01			-4429 Jun 01 j 15:01	0° 𐤔	
				superior conj	-4429 Jun 05 j 09:26	7° 𐤔 46'44	1°32'03
superior conj	-4430 Jun 21 j 15:08	23° 𐤔 39'08	1°44'04	minimum elong	-4429 Jun 05 j 06:49	7° 𐤔 33'22	1°31'54
minimum elong	-4430 Jun 21 j 13:17	23° 𐤔 30'04	1°44'09	max. Earth dist.	-4429 Jun 09 j 19:15	16° 𐤔 38'05	1.35774 AU
	-4430 Jun 24 j 21:32	0° 𐤔		evening rise	-4429 Jun 14 j 01:41	24° 𐤔 49'45	
max. Earth dist.	-4430 Jun 27 j 11:20	4° 𐤔 51'57	1.37451 AU		-4429 Jun 16 j 21:07	0° 𐤔	
evening rise	-4430 Jul 01 j 08:19	11° 𐤔 56'23			-4429 Jul 05 j 13:50	0° 𐤔	
	-4430 Jul 12 j 01:33	0° 𐤔		desc. node	-4429 Jul 07 j 05:59	2° 𐤔 18'51	
desc. node	-4430 Jul 20 j 08:56	12° 𐤔 34'18		evening max el	-4429 Jul 19 j 16:35	17° 𐤔 07'23	26°23'48
	-4430 Aug 02 j 19:28	0° 𐤔		retrograde	-4429 Aug 01 j 10:49	24° 𐤔 22'07	
evening max el	-4430 Aug 06 j 05:43	3° 𐤔 37'09	25°19'12	evening set	-4429 Aug 07 j 22:58	21° 𐤔 37'19	
retrograde	-4430 Aug 18 j 04:24	10° 𐤔 32'51		min. Earth dist.	-4429 Aug 12 j 00:48	17° 𐤔 16'43	0.66122 AU
evening set	-4430 Aug 24 j 02:45	8° 𐤔 00'11		inferior conj	-4429 Aug 13 j 12:53	15° 𐤔 25'42	-2°29'24
min. Earth dist.	-4430 Aug 28 j 12:41	3° 𐤔 01'27	0.66887 AU	minimum elong	-4429 Aug 13 j 16:06	15° 𐤔 15'46	2°28'07
inferior conj	-4430 Aug 29 j 12:32	1° 𐤔 43'35	-1°40'09	morning rise	-4429 Aug 19 j 09:29	9° 𐤔 37'01	
minimum elong	-4430 Aug 29 j 14:49	1° 𐤔 36'07	1°39'05	asc. node	-4429 Aug 21 j 11:09	8° 𐤔 48'16	
	-4430 Aug 30 j 20:45	30° 𐤔 06'49		direct	-4429 Aug 22 j 11:53	8° 𐤔 42'13	
asc. node	-4430 Sep 03 j 14:01	26° 𐤔 06'49		morning max el	-4429 Aug 29 j 07:50	12° 𐤔 32'09	18°49'27
morning rise	-4430 Sep 04 j 02:58	25° 𐤔 43'35			-4429 Sep 10 j 21:30	0° 𐤔	
direct	-4430 Sep 07 j 13:56	24° 𐤔 34'21		morning set	-4429 Sep 19 j 14:21	13° 𐤔 49'51	
morning max el	-4430 Sep 14 j 23:13	28° 𐤔 49'30	19°40'25		-4429 Sep 29 j 19:00	0° 𐤔	
	-4430 Sep 16 j 01:37	0° 𐤔		desc. node	-4429 Oct 03 j 05:36	5° 𐤔 25'37	
	-4430 Oct 06 j 21:48	0° 𐤔					
morning set	-4430 Oct 09 j 20:07	4° 𐤔 32'46		superior conj	-4429 Oct 05 j 15:31	9° 𐤔 13'49	-0°15'13
desc. node	-4430 Oct 16 j 08:42	14° 𐤔 43'30		minimum elong	-4429 Oct 05 j 13:31	9° 𐤔 05'58	0°14'53
max. Earth dist.	-4430 Oct 22 j 14:39	24° 𐤔 34'40	1.44240 AU	behind sun begin	-4429 Oct 05 j 08:45	8° 𐤔 47'10	
	-4430 Oct 26 j 00:12	0° 𐤔		behind sun end	-4429 Oct 05 j 18:17	9° 𐤔 24'46	
				max. Earth dist.	-4429 Oct 05 j 07:31	8° 𐤔 42'17	1.44790 AU
superior conj	-4430 Oct 26 j 13:00	0° 𐤔 51'25	-1°01'32		-4429 Oct 18 j 17:49	0° 𐤔	
minimum elong	-4430 Oct 26 j 06:28	0° 𐤔 25'09	1°00'47	evening rise	-4429 Oct 21 j 11:09	4° 𐤔 21'54	
evening rise	-4430 Nov 09 j 12:59	23° 𐤔 54'32			-4429 Nov 06 j 20:47	0° 𐤔	
	-4430 Nov 13 j 03:43	0° 𐤔		evening max el	-4429 Nov 11 j 17:29	6° 𐤔 00'05	18°53'05
evening max el	-4430 Nov 28 j 06:05	22° 𐤔 34'51	18°21'45	asc. node	-4429 Nov 17 j 09:57	9° 𐤔 44'59	
asc. node	-4430 Nov 30 j 12:49	24° 𐤔 34'45		retrograde	-4429 Nov 18 j 13:28	9° 𐤔 52'21	
retrograde	-4430 Dec 04 j 19:53	26° 𐤔 10'45		evening set	-4429 Nov 21 j 16:27	8° 𐤔 56'32	
evening set	-4430 Dec 07 j 17:11	25° 𐤔 25'56		inferior conj	-4429 Nov 27 j 11:30	3° 𐤔 11'54	2°59'50
inferior conj	-4430 Dec 13 j 19:30	19° 𐤔 57'40	3°35'07	minimum elong	-4429 Nov 27 j 08:18	3° 𐤔 21'44	2°58'50
minimum elong	-4430 Dec 13 j 16:32	20° 𐤔 06'01	3°34'23	min. Earth dist.	-4429 Nov 29 j 02:26	1° 𐤔 12'31	0.65264 AU
min. Earth dist.	-4430 Dec 16 j 00:50	17° 𐤔 27'36	0.63885 AU		-4429 Nov 30 j 02:55	30° 𐤔 03'52	
morning rise	-4430 Dec 19 j 15:19	13° 𐤔 57'03		morning rise	-4429 Dec 02 j 23:48	27° 𐤔 03'52	
direct	-4430 Dec 26 j 14:46	11° 𐤔 07'41		direct	-4429 Dec 09 j 14:14	24° 𐤔 14'05	
morning max el	-4429 Jan 09 j 05:02	18° 𐤔 50'36	27°30'20		-4429 Dec 20 j 17:26	0° 𐤔	
desc. node	-4429 Jan 12 j 08:33	22° 𐤔 09'46					

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning max el	-4429 Dec 22 j 14:41	1° \mathbb{M} 47'45	26°47'13	inferior conj	-4428 Nov 10 j 10:23	16° \mathbb{A} 36'21	2°16'27
desc. node	-4429 Dec 30 j 05:35	10° \mathbb{M} 28'52		minimum elong	-4428 Nov 10 j 07:36	16° \mathbb{A} 45'26	2°15'27
	-4428 Jan 12 j 20:54	0° \mathbb{A}		min. Earth dist.	-4428 Nov 11 j 12:06	15° \mathbb{A} 12'24	0.66285 AU
morning set	-4428 Jan 27 j 10:46	25° \mathbb{A} 25'45		morning rise	-4428 Nov 15 j 18:13	10° \mathbb{A} 23'26	
	-4428 Jan 29 j 19:27	0° \mathbb{B}		direct	-4428 Nov 21 j 19:23	7° \mathbb{A} 44'46	
max. Earth dist.	-4428 Jan 31 j 20:12	4° \mathbb{B} 01'47	1.34616 AU	morning max el	-4428 Dec 03 j 23:49	14° \mathbb{A} 56'33	25°40'19
				desc. node	-4428 Dec 16 j 02:33	29° \mathbb{A} 35'16	
superior conj	-4428 Feb 04 j 21:55	12° \mathbb{B} 20'52	-1°18'02		-4428 Dec 16 j 09:46	0° \mathbb{M}	
minimum elong	-4428 Feb 05 j 00:54	12° \mathbb{B} 36'22	1°17'48		-4427 Jan 04 j 16:32	0° \mathbb{A}	
evening rise	-4428 Feb 12 j 09:59	28° \mathbb{B} 03'16		morning set	-4427 Jan 09 j 05:52	8° \mathbb{A} 06'37	
asc. node	-4428 Feb 13 j 09:02	0° \approx 02'04		max. Earth dist.	-4427 Jan 13 j 01:56	15° \mathbb{A} 15'55	1.36152 AU
	-4428 Feb 13 j 08:38	0° \approx					
evening max el	-4428 Mar 03 j 03:47	29° \approx 44'17	21°14'29	superior conj	-4427 Jan 18 j 16:03	26° \mathbb{A} 11'47	-1°36'37
	-4428 Mar 03 j 10:28	0° \mathbb{H}		minimum elong	-4427 Jan 18 j 19:02	26° \mathbb{A} 26'43	1°36'33
retrograde	-4428 Mar 14 j 21:52	5° \mathbb{H} 21'17			-4427 Jan 20 j 13:19	0° \mathbb{B}	
evening set	-4428 Mar 17 j 09:20	5° \mathbb{H} 07'10		evening rise	-4427 Jan 26 j 15:39	12° \mathbb{B} 26'58	
inferior conj	-4428 Mar 26 j 15:07	1° \mathbb{H} 08'04	0°09'16	asc. node	-4427 Jan 30 j 06:06	19° \mathbb{B} 37'55	
minimum elong	-4428 Mar 26 j 15:33	1° \mathbb{H} 07'28	0°09'00		-4427 Feb 04 j 23:23	0° \approx	
transit middle	-4428 Mar 26 j 15:33	1° \mathbb{H} 07'28	0°09'00	evening max el	-4427 Feb 13 j 12:55	11° \approx 16'28	19°59'14
transit begin	-4428 Mar 26 j 12:10	1° \mathbb{H} 12'14		retrograde	-4427 Feb 23 j 14:25	16° \approx 02'32	
transit end	-4428 Mar 26 j 18:55	1° \mathbb{H} 02'42		evening set	-4427 Feb 25 j 22:22	15° \approx 48'21	
min. Earth dist.	-4428 Mar 27 j 04:27	0° \mathbb{H} 49'12	0.55192 AU	inferior conj	-4427 Mar 06 j 15:07	11° \approx 47'46	1°58'11
desc. node	-4428 Mar 27 j 04:32	0° \mathbb{H} 49'05		minimum elong	-4427 Mar 06 j 19:39	11° \approx 40'49	1°56'38
	-4428 Mar 28 j 15:38	30° \mathbb{R} \approx		min. Earth dist.	-4427 Mar 08 j 18:38	10° \approx 29'19	0.55815 AU
morning rise	-4428 Apr 04 j 21:25	27° \approx 00'55		desc. node	-4427 Mar 14 j 01:42	7° \approx 47'10	
direct	-4428 Apr 07 j 21:12	26° \approx 41'18		morning rise	-4427 Mar 15 j 14:50	7° \approx 15'54	
	-4428 Apr 17 j 05:14	0° \mathbb{H}		direct	-4427 Mar 19 j 14:12	6° \approx 41'03	
morning max el	-4428 Apr 20 j 15:42	2° \mathbb{H} 49'43	22°17'47	morning max el	-4427 Apr 02 j 08:57	13° \approx 32'54	23°56'23
	-4428 May 08 j 18:52	0° \mathbb{Y}			-4427 Apr 15 j 00:56	0° \mathbb{H}	
asc. node	-4428 May 11 j 08:44	5° \mathbb{Y} 12'29		morning set	-4427 Apr 26 j 17:11	21° \mathbb{H} 59'54	
morning set	-4428 May 12 j 05:11	6° \mathbb{Y} 58'19		asc. node	-4427 Apr 28 j 05:43	25° \mathbb{H} 12'55	
					-4427 Apr 30 j 11:18	0° \mathbb{Y}	
superior conj	-4428 May 19 j 11:35	22° \mathbb{Y} 19'37	1°15'06				
minimum elong	-4428 May 19 j 08:56	22° \mathbb{Y} 05'36	1°14'47	superior conj	-4427 May 03 j 18:58	7° \mathbb{Y} 09'43	0°54'41
max. Earth dist.	-4428 May 22 j 13:05	28° \mathbb{Y} 42'44	1.34444 AU	minimum elong	-4427 May 03 j 16:47	6° \mathbb{Y} 57'57	0°54'18
	-4428 May 23 j 04:09	0° \mathbb{B}		max. Earth dist.	-4427 May 05 j 16:36	11° \mathbb{Y} 14'02	1.33482 AU
evening rise	-4428 May 27 j 10:24	8° \mathbb{B} 30'53		evening rise	-4427 May 11 j 06:03	22° \mathbb{Y} 46'32	
	-4428 Jun 08 j 09:33	0° \mathbb{I}			-4427 May 14 j 22:30	0° \mathbb{B}	
desc. node	-4428 Jun 23 j 03:05	21° \mathbb{I} 29'14			-4427 Jun 02 j 03:37	0° \mathbb{I}	
	-4428 Jun 30 j 15:29	0° \mathbb{E}		desc. node	-4427 Jun 10 j 00:13	9° \mathbb{I} 51'04	
evening max el	-4428 Jul 01 j 04:02	0° \mathbb{E} 30'40	27°08'12	evening max el	-4427 Jun 13 j 14:28	13° \mathbb{I} 35'05	27°25'22
retrograde	-4428 Jul 14 j 11:54	7° \mathbb{E} 53'36		retrograde	-4427 Jun 27 j 07:02	20° \mathbb{I} 59'18	
evening set	-4428 Jul 21 j 10:40	5° \mathbb{E} 05'49		evening set	-4427 Jul 04 j 10:37	18° \mathbb{I} 20'41	
min. Earth dist.	-4428 Jul 25 j 05:35	1° \mathbb{E} 22'51	0.64986 AU	min. Earth dist.	-4427 Jul 08 j 01:06	15° \mathbb{I} 10'43	0.63474 AU
	-4428 Jul 26 j 10:55	30° \mathbb{R} \mathbb{I}		inferior conj	-4427 Jul 10 j 16:42	12° \mathbb{I} 28'03	-3°49'11
inferior conj	-4428 Jul 27 j 07:09	29° \mathbb{I} 02'14	-3°13'28	minimum elong	-4427 Jul 10 j 20:03	12° \mathbb{I} 19'28	3°48'22
minimum elong	-4428 Jul 27 j 10:50	28° \mathbb{I} 51'46	3°12'16	morning rise	-4427 Jul 17 j 06:20	7° \mathbb{I} 11'41	
morning rise	-4428 Aug 02 j 11:28	23° \mathbb{I} 28'07		direct	-4427 Jul 19 j 22:28	6° \mathbb{I} 36'47	
direct	-4428 Aug 05 j 07:41	22° \mathbb{I} 44'34		asc. node	-4427 Jul 25 j 05:19	8° \mathbb{I} 52'21	
asc. node	-4428 Aug 07 j 08:15	23° \mathbb{I} 06'29		morning max el	-4427 Jul 26 j 11:32	10° \mathbb{I} 01'14	17°58'15
morning max el	-4428 Aug 11 j 20:45	26° \mathbb{I} 17'30	18°15'01		-4427 Aug 08 j 20:26	0° \mathbb{E}	
	-4428 Aug 15 j 00:47	0° \mathbb{E}		morning set	-4427 Aug 12 j 10:17	6° \mathbb{E} 13'34	
morning set	-4428 Aug 30 j 11:43	24° \mathbb{E} 25'36					
	-4428 Sep 02 j 20:29	0° \mathbb{O}		superior conj	-4427 Aug 24 j 16:36	27° \mathbb{E} 07'58	1°12'45
				minimum elong	-4427 Aug 24 j 22:28	27° \mathbb{E} 32'14	1°12'19
superior conj	-4428 Sep 13 j 17:51	17° \mathbb{O} 39'54	0°33'31		-4427 Aug 26 j 10:22	0° \mathbb{O}	
minimum elong	-4428 Sep 13 j 21:51	17° \mathbb{O} 55'48	0°33'10	max. Earth dist.	-4427 Aug 30 j 17:22	6° \mathbb{O} 58'00	1.43749 AU
max. Earth dist.	-4428 Sep 17 j 01:25	22° \mathbb{O} 55'52	1.44618 AU	desc. node	-4427 Sep 05 j 23:27	16° \mathbb{O} 52'59	
desc. node	-4428 Sep 19 j 02:30	26° \mathbb{O} 09'41		evening rise	-4427 Sep 09 j 13:51	22° \mathbb{O} 29'17	
	-4428 Sep 21 j 13:06	0° \mathbb{M}			-4427 Sep 14 j 11:16	0° \mathbb{M}	
evening rise	-4428 Sep 30 j 08:33	13° \mathbb{M} 45'40			-4427 Oct 05 j 12:55	0° \mathbb{A}	
	-4428 Oct 10 j 20:35	0° \mathbb{A}		evening max el	-4427 Oct 08 j 03:15	2° \mathbb{A} 53'10	20°42'51
greatest brilliancy	-4428 Oct 12 j 10:08	2° \mathbb{A} 22'42	-0.7m	retrograde	-4427 Oct 16 j 07:08	7° \mathbb{A} 42'15	
evening max el	-4428 Oct 25 j 01:08	19° \mathbb{A} 26'54	19°40'50	evening set	-4427 Oct 20 j 03:54	6° \mathbb{A} 16'38	
retrograde	-4428 Nov 01 j 10:00	23° \mathbb{A} 43'48		asc. node	-4427 Oct 21 j 04:16	5° \mathbb{A} 25'43	
asc. node	-4428 Nov 03 j 07:07	23° \mathbb{A} 23'18		inferior conj	-4427 Oct 25 j 13:46	0° \mathbb{A} 08'23	1°27'48
evening set	-4428 Nov 04 j 20:45	22° \mathbb{A} 34'24		minimum elong	-4427 Oct 25 j 11:51	0° \mathbb{A} 14'56	1°27'04

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4427 Oct 25 j 16:15	30° \mathbb{R}		minimum elong	-4426 Oct 09 j 18:50	13° \mathbb{M} 49'01	0°35'44
min. Earth dist.	-4427 Oct 26 j 03:46	29° \mathbb{M} 20'52	0.66965 AU	min. Earth dist.	-4426 Oct 09 j 23:03	13° \mathbb{M} 34'29	0.67328 AU
morning rise	-4427 Oct 30 j 19:38	23° \mathbb{M} 53'00		morning rise	-4426 Oct 15 j 01:37	7° \mathbb{M} 31'03	
direct	-4427 Nov 05 j 05:38	21° \mathbb{M} 32'33		direct	-4426 Oct 19 j 20:30	5° \mathbb{M} 31'41	
morning max el	-4427 Nov 16 j 08:34	28° \mathbb{M} 10'20	24°18'56	morning max el	-4426 Oct 29 j 19:03	11° \mathbb{M} 27'36	22°52'39
	-4427 Nov 18 j 02:25	0° \mathbb{L}			-4426 Nov 13 j 11:09	0° \mathbb{L}	
desc. node	-4427 Dec 02 j 23:29	19° \mathbb{L} 15'07		desc. node	-4426 Nov 19 j 20:24	9° \mathbb{L} 18'56	
	-4427 Dec 10 j 03:52	0° \mathbb{M}		morning set	-4426 Dec 02 j 23:11	29° \mathbb{L} 54'17	
morning set	-4427 Dec 22 j 03:55	19° \mathbb{M} 40'34			-4426 Dec 03 j 00:35	0° \mathbb{M}	
max. Earth dist.	-4427 Dec 25 j 23:39	26° \mathbb{M} 26'01	1.38054 AU	max. Earth dist.	-4426 Dec 07 j 20:14	8° \mathbb{M} 05'40	1.40117 AU
	-4427 Dec 27 j 22:43	0° \mathbb{X}					
superior conj	-4426 Jan 01 j 22:49	9° \mathbb{X} 23'52	-1°49'31	superior conj	-4426 Dec 15 j 13:38	21° \mathbb{M} 45'13	-1°53'52
minimum elong	-4426 Jan 02 j 00:47	9° \mathbb{X} 33'21	1°49'38	minimum elong	-4426 Dec 15 j 13:16	21° \mathbb{M} 43'34	1°54'01
evening rise	-4426 Jan 10 j 15:12	26° \mathbb{X} 26'26		evening rise	-4426 Dec 25 j 05:53	9° \mathbb{X} 54'57	
	-4426 Jan 12 j 10:42	0° \mathbb{Z}		asc. node	-4425 Jan 04 j 00:14	27° \mathbb{X} 31'07	
asc. node	-4426 Jan 17 j 03:10	8° \mathbb{Z} 50'12			-4425 Jan 05 j 15:05	0° \mathbb{Z}	
evening max el	-4426 Jan 27 j 08:16	23° \mathbb{Z} 23'32	19°02'29	evening max el	-4425 Jan 10 j 12:03	6° \mathbb{Z} 01'03	18°25'47
retrograde	-4426 Feb 04 j 21:29	27° \mathbb{Z} 29'17		retrograde	-4425 Jan 17 j 23:02	9° \mathbb{Z} 41'17	
evening set	-4426 Feb 07 j 07:23	27° \mathbb{Z} 11'06		evening set	-4425 Jan 20 j 11:46	9° \mathbb{Z} 17'12	
inferior conj	-4426 Feb 15 j 07:06	22° \mathbb{Z} 55'57	3°15'41	inferior conj	-4425 Jan 27 j 19:27	4° \mathbb{Z} 41'58	3°55'29
minimum elong	-4426 Feb 15 j 11:45	22° \mathbb{Z} 47'46	3°14'32	minimum elong	-4425 Jan 27 j 21:35	4° \mathbb{Z} 37'36	3°55'05
min. Earth dist.	-4426 Feb 18 j 09:46	20° \mathbb{Z} 45'54	0.57210 AU	min. Earth dist.	-4425 Jan 31 j 04:28	1° \mathbb{Z} 57'51	0.59077 AU
morning rise	-4426 Feb 23 j 13:34	17° \mathbb{Z} 54'19			-4425 Feb 02 j 23:04	30° \mathbb{R} \mathbb{X}	
direct	-4426 Feb 28 j 18:52	16° \mathbb{Z} 50'01		morning rise	-4425 Feb 04 j 05:19	29° \mathbb{X} 15'57	
desc. node	-4426 Feb 28 j 22:50	16° \mathbb{Z} 50'05		direct	-4425 Feb 10 j 12:28	27° \mathbb{X} 32'39	
morning max el	-4426 Mar 14 j 23:55	24° \mathbb{Z} 09'15	25°31'12	desc. node	-4425 Feb 15 j 19:55	28° \mathbb{X} 42'38	
	-4426 Mar 20 j 07:39	0° \mathbb{X}			-4425 Feb 18 j 07:57	0° \mathbb{Z}	
	-4426 Apr 07 j 18:49	0° \mathbb{X}		morning max el	-4425 Feb 24 j 18:23	5° \mathbb{Z} 06'36	26°46'57
morning set	-4426 Apr 11 j 05:19	7° \mathbb{X} 02'35			-4425 Mar 15 j 02:23	0° \mathbb{X}	
asc. node	-4426 Apr 15 j 02:41	15° \mathbb{X} 22'00		morning set	-4425 Mar 26 j 15:55	22° \mathbb{X} 00'06	
					-4425 Mar 30 j 10:04	0° \mathbb{X}	
superior conj	-4426 Apr 18 j 05:23	22° \mathbb{X} 08'46	0°31'52	asc. node	-4425 Apr 01 j 23:40	5° \mathbb{X} 35'26	
minimum elong	-4426 Apr 18 j 04:01	22° \mathbb{X} 01'20	0°31'32				
max. Earth dist.	-4426 Apr 19 j 02:46	24° \mathbb{X} 05'10	1.32872 AU	superior conj	-4425 Apr 02 j 17:04	7° \mathbb{X} 10'39	0°07'34
	-4426 Apr 21 j 20:31	0° \mathbb{Y}		minimum elong	-4425 Apr 02 j 16:44	7° \mathbb{X} 08'50	0°07'24
evening rise	-4426 Apr 25 j 09:09	7° \mathbb{Y} 24'28		behind sun begin	-4425 Apr 02 j 12:17	6° \mathbb{X} 44'32	
	-4426 May 07 j 10:31	0° \mathbb{Z}		behind sun end	-4425 Apr 02 j 21:10	7° \mathbb{X} 33'08	
evening max el	-4426 May 26 j 21:11	26° \mathbb{Z} 06'26	27°10'44	max. Earth dist.	-4425 Apr 02 j 15:58	7° \mathbb{X} 04'39	1.32601 AU
desc. node	-4426 May 27 j 21:22	27° \mathbb{Z} 02'48		evening rise	-4425 Apr 09 j 17:07	22° \mathbb{X} 16'00	
	-4426 May 31 j 13:00	0° \mathbb{I}			-4425 Apr 13 j 12:23	0° \mathbb{Y}	
retrograde	-4426 Jun 09 j 19:30	3° \mathbb{I} 29'16			-4425 May 01 j 20:30	0° \mathbb{Z}	
evening set	-4426 Jun 16 j 18:52	1° \mathbb{I} 13'47		evening max el	-4425 May 08 j 22:08	7° \mathbb{Z} 56'45	26°23'37
	-4426 Jun 18 j 12:45	30° \mathbb{R} \mathbb{Z}		desc. node	-4425 May 14 j 18:31	12° \mathbb{Z} 35'47	
min. Earth dist.	-4426 Jun 20 j 10:33	28° \mathbb{Z} 25'57	0.61627 AU	retrograde	-4425 May 23 j 00:10	15° \mathbb{Z} 16'02	
inferior conj	-4426 Jun 23 j 14:18	25° \mathbb{Z} 34'46	-4°11'49	evening set	-4425 May 29 j 07:27	13° \mathbb{Z} 35'41	
minimum elong	-4426 Jun 23 j 16:06	25° \mathbb{Z} 30'41	4°11'30	min. Earth dist.	-4425 Jun 02 j 11:11	10° \mathbb{Z} 53'40	0.59592 AU
morning rise	-4426 Jun 30 j 14:50	20° \mathbb{Z} 38'57		inferior conj	-4425 Jun 05 j 20:21	8° \mathbb{Z} 13'57	-4°14'10
direct	-4426 Jul 03 j 04:33	20° \mathbb{Z} 10'49		minimum elong	-4425 Jun 05 j 19:16	8° \mathbb{Z} 16'07	4°14'01
morning max el	-4426 Jul 10 j 01:26	23° \mathbb{Z} 36'25	18°00'02	morning rise	-4425 Jun 13 j 09:28	3° \mathbb{Z} 39'48	
asc. node	-4426 Jul 12 j 02:20	25° \mathbb{Z} 49'48		direct	-4425 Jun 15 j 21:43	3° \mathbb{Z} 17'10	
	-4426 Jul 15 j 04:21	0° \mathbb{I}		morning max el	-4425 Jun 23 j 11:37	6° \mathbb{Z} 55'30	18°21'09
morning set	-4426 Jul 26 j 04:34	18° \mathbb{I} 58'09		asc. node	-4425 Jun 28 j 23:20	13° \mathbb{Z} 43'54	
	-4426 Aug 01 j 06:34	0° \mathbb{E}			-4425 Jul 08 j 06:38	0° \mathbb{I}	
				morning set	-4425 Jul 09 j 13:31	2° \mathbb{I} 26'28	
superior conj	-4426 Aug 05 j 19:00	7° \mathbb{E} 58'27	1°37'24				
minimum elong	-4426 Aug 05 j 23:02	8° \mathbb{E} 15'57	1°37'19	superior conj	-4425 Jul 18 j 22:12	20° \mathbb{I} 03'17	1°48'14
max. Earth dist.	-4426 Aug 13 j 04:11	20° \mathbb{E} 29'01	1.42295 AU	minimum elong	-4425 Jul 18 j 23:26	20° \mathbb{I} 08'55	1°48'24
	-4426 Aug 19 j 01:07	0° \mathbb{Q}			-4425 Jul 24 j 11:33	0° \mathbb{E}	
evening rise	-4426 Aug 19 j 21:39	1° \mathbb{Q} 21'28		max. Earth dist.	-4425 Jul 26 j 08:44	3° \mathbb{E} 15'47	1.40468 AU
desc. node	-4426 Aug 23 j 20:25	7° \mathbb{Q} 32'11		evening rise	-4425 Jul 31 j 01:40	11° \mathbb{E} 11'27	
	-4426 Sep 08 j 00:21	0° \mathbb{M}		desc. node	-4425 Aug 10 j 17:24	28° \mathbb{E} 03'10	
evening max el	-4426 Sep 20 j 22:59	16° \mathbb{M} 18'15	21°56'08		-4425 Aug 12 j 00:22	0° \mathbb{Q}	
retrograde	-4426 Sep 30 j 03:07	21° \mathbb{M} 45'13		evening max el	-4425 Sep 03 j 13:16	29° \mathbb{Q} 43'14	23°16'06
evening set	-4426 Oct 04 j 11:56	20° \mathbb{M} 01'11			-4425 Sep 03 j 20:00	0° \mathbb{M}	
asc. node	-4426 Oct 08 j 01:22	16° \mathbb{M} 09'32		retrograde	-4425 Sep 13 j 20:22	5° \mathbb{M} 49'10	
inferior conj	-4426 Oct 09 j 19:40	13° \mathbb{M} 46'09	0°36'00	evening set	-4425 Sep 18 j 19:02	3° \mathbb{M} 45'33	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4425 Sep 22 j 05:03	30° \mathbb{R} 0 \mathbb{L}		inferior conj	-4424 Sep 07 j 07:50	11° \mathbb{L} 10'39	-1°10'19
inferior conj	-4425 Sep 24 j 02:15	27° \mathbb{L} 27'18	-0°17'16	minimum elong	-4424 Sep 07 j 09:28	11° \mathbb{L} 05'12	1°09'30
minimum elong	-4425 Sep 24 j 02:38	27° \mathbb{L} 25'56	0°16'58	asc. node	-4424 Sep 10 j 19:33	6° \mathbb{L} 51'48	
min. Earth dist.	-4425 Sep 23 j 19:28	27° \mathbb{L} 50'38	0.67394 AU	morning rise	-4424 Sep 12 j 19:24	5° \mathbb{L} 05'15	
asc. node	-4425 Sep 24 j 22:28	26° \mathbb{L} 18'08		direct	-4424 Sep 16 j 12:22	3° \mathbb{L} 46'02	
morning rise	-4425 Sep 29 j 10:09	21° \mathbb{L} 15'24		morning max el	-4424 Sep 24 j 08:09	8° \mathbb{L} 19'45	20°16'32
direct	-4425 Oct 03 j 15:06	19° \mathbb{L} 37'06			-4424 Oct 10 j 09:45	0° \mathbb{M}	
morning max el	-4425 Oct 12 j 10:09	24° \mathbb{L} 49'34	21°29'46	morning set	-4424 Oct 21 j 13:23	17° \mathbb{M} 01'23	
	-4425 Oct 16 j 23:01	0° \mathbb{M}		desc. node	-4424 Oct 23 j 14:13	20° \mathbb{M} 11'06	
desc. node	-4425 Nov 06 j 17:18	29° \mathbb{M} 39'11			-4424 Oct 29 j 19:58	0° \mathbb{L}	
	-4425 Nov 06 j 22:43	0° \mathbb{L}		max. Earth dist.	-4424 Nov 01 j 07:04	3° \mathbb{L} 55'50	1.43616 AU
morning set	-4425 Nov 12 j 14:25	8° \mathbb{L} 48'13					
max. Earth dist.	-4425 Nov 19 j 21:48	20° \mathbb{L} 34'56	1.42062 AU	superior conj	-4424 Nov 06 j 21:33	13° \mathbb{L} 01'25	-1°22'36
	-4425 Nov 25 j 12:38	0° \mathbb{M}		minimum elong	-4424 Nov 06 j 14:52	12° \mathbb{L} 33'59	1°21'59
					-4424 Nov 16 j 23:42	0° \mathbb{M}	
superior conj	-4425 Nov 27 j 06:52	3° \mathbb{M} 01'21	-1°46'03	evening rise	-4424 Nov 19 j 17:45	4° \mathbb{M} 45'10	
minimum elong	-4425 Nov 27 j 03:01	2° \mathbb{M} 44'40	1°45'55		-4424 Dec 05 j 10:04	0° \mathbb{X}	
evening rise	-4425 Dec 08 j 08:08	22° \mathbb{M} 43'53		evening max el	-4424 Dec 07 j 10:00	2° \mathbb{X} 14'50	18°11'47
	-4425 Dec 12 j 08:17	0° \mathbb{X}		asc. node	-4424 Dec 07 j 18:23	2° \mathbb{X} 35'35	
asc. node	-4425 Dec 21 j 21:18	15° \mathbb{X} 30'15		retrograde	-4424 Dec 13 j 23:17	5° \mathbb{X} 44'51	
evening max el	-4425 Dec 24 j 21:35	19° \mathbb{X} 00'33	18°09'06	evening set	-4424 Dec 16 j 18:16	5° \mathbb{X} 05'17	
retrograde	-4425 Dec 31 j 16:56	22° \mathbb{X} 29'32			-4424 Dec 22 j 21:08	30° \mathbb{R} \mathbb{M}	
evening set	-4424 Jan 03 j 08:33	21° \mathbb{X} 58'17		inferior conj	-4424 Dec 23 j 01:43	29° \mathbb{M} 47'52	3°50'14
inferior conj	-4424 Jan 10 j 02:49	17° \mathbb{X} 01'34	4°04'01	minimum elong	-4424 Dec 22 j 23:18	29° \mathbb{M} 54'17	3°49'43
minimum elong	-4424 Jan 10 j 02:12	17° \mathbb{X} 03'00	4°03'48	min. Earth dist.	-4424 Dec 25 j 15:28	27° \mathbb{M} 04'33	0.62950 AU
min. Earth dist.	-4424 Jan 13 j 05:32	14° \mathbb{X} 07'00	0.61082 AU	morning rise	-4424 Dec 29 j 03:35	23° \mathbb{M} 53'05	
morning rise	-4424 Jan 16 j 18:30	11° \mathbb{X} 18'44		direct	-4423 Jan 05 j 05:28	21° \mathbb{M} 10'19	
direct	-4424 Jan 23 j 16:48	8° \mathbb{X} 59'20		morning max el	-4423 Jan 19 j 00:44	28° \mathbb{M} 53'24	27°41'00
desc. node	-4424 Feb 02 j 16:59	13° \mathbb{X} 06'38		desc. node	-4423 Jan 19 j 14:02	29° \mathbb{M} 26'33	
morning max el	-4424 Feb 06 j 18:49	16° \mathbb{X} 40'22	27°31'56		-4423 Jan 20 j 03:08	0° \mathbb{X}	
	-4424 Feb 17 j 20:04	0° \mathbb{Z}			-4423 Feb 10 j 15:23	0° \mathbb{Z}	
	-4424 Mar 06 j 14:31	0° \approx		morning set	-4423 Feb 22 j 00:35	21° \mathbb{Z} 09'45	
morning set	-4424 Mar 09 j 23:05	6° \approx 45'10			-4423 Feb 26 j 07:22	0° \approx	
max. Earth dist.	-4424 Mar 16 j 04:32	19° \approx 59'10	1.32667 AU	max. Earth dist.	-4423 Feb 27 j 12:40	2° \approx 35'17	1.33101 AU
superior conj	-4424 Mar 17 j 04:23	22° \approx 09'02	-0°17'25	superior conj	-4423 Mar 01 j 13:38	6° \approx 57'43	-0°42'08
minimum elong	-4424 Mar 17 j 05:10	22° \approx 13'18	0°17'23	minimum elong	-4423 Mar 01 j 15:29	7° \approx 07'39	0°41'56
asc. node	-4424 Mar 18 j 20:39	25° \approx 48'50		asc. node	-4423 Mar 05 j 17:40	15° \approx 57'53	
	-4424 Mar 20 j 18:49	0° \mathbb{X}		evening rise	-4423 Mar 08 j 15:28	22° \approx 09'56	
evening rise	-4424 Mar 24 j 03:49	7° \mathbb{X} 13'28			-4423 Mar 12 j 11:14	0° \mathbb{X}	
	-4424 Apr 05 j 04:26	0° \mathbb{Y}			-4423 Apr 01 j 11:36	0° \mathbb{Y}	
evening max el	-4424 Apr 19 j 17:16	19° \mathbb{Y} 08'09	25°09'06	evening max el	-4423 Apr 01 j 09:25	29° \mathbb{X} 54'47	23°38'01
desc. node	-4424 Apr 30 j 15:39	25° \mathbb{Y} 54'27		retrograde	-4423 Apr 15 j 00:27	6° \mathbb{Y} 40'55	
retrograde	-4424 May 03 j 18:43	26° \mathbb{Y} 17'22		desc. node	-4423 Apr 17 j 12:49	6° \mathbb{Y} 26'51	
evening set	-4424 May 08 j 22:35	25° \mathbb{Y} 15'35		evening set	-4423 Apr 18 j 20:37	6° \mathbb{Y} 08'31	
min. Earth dist.	-4424 May 14 j 05:41	22° \mathbb{Y} 23'09	0.57632 AU	min. Earth dist.	-4423 Apr 25 j 20:50	2° \mathbb{Y} 53'42	0.56084 AU
inferior conj	-4424 May 17 j 07:37	20° \mathbb{Y} 17'07	-3°46'40	inferior conj	-4423 Apr 27 j 22:53	1° \mathbb{Y} 38'25	-2°40'32
minimum elong	-4424 May 17 j 03:10	20° \mathbb{Y} 24'47	3°45'53	minimum elong	-4423 Apr 27 j 17:09	1° \mathbb{Y} 47'06	2°38'58
morning rise	-4424 May 25 j 10:46	16° \mathbb{Y} 02'59			-4423 Apr 30 j 18:22	30° \mathbb{R} \mathbb{X}	
direct	-4424 May 27 j 22:02	15° \mathbb{Y} 44'45		morning rise	-4423 May 06 j 16:26	27° \mathbb{X} 38'21	
morning max el	-4424 Jun 05 j 15:12	19° \mathbb{Y} 49'34	19°02'24	direct	-4423 May 09 j 03:48	27° \mathbb{X} 22'53	
	-4424 Jun 13 j 10:24	0° \mathbb{Z}			-4423 May 16 j 18:15	0° \mathbb{Y}	
asc. node	-4424 Jun 14 j 20:21	2° \mathbb{Z} 21'59		morning max el	-4423 May 19 j 09:29	2° \mathbb{Y} 08'30	20°04'03
morning set	-4424 Jun 22 j 09:10	16° \mathbb{Z} 29'10		asc. node	-4423 Jun 01 j 17:22	21° \mathbb{Y} 32'59	
	-4424 Jun 29 j 05:50	0° \mathbb{I}			-4423 Jun 06 j 00:57	0° \mathbb{Z}	
				morning set	-4423 Jun 06 j 12:18	0° \mathbb{Z} 57'16	
superior conj	-4424 Jun 30 j 20:35	3° \mathbb{I} 07'20	1°48'03				
minimum elong	-4424 Jun 30 j 19:35	3° \mathbb{I} 02'33	1°48'13	superior conj	-4423 Jun 14 j 08:51	16° \mathbb{Z} 55'14	1°39'41
max. Earth dist.	-4424 Jul 07 j 10:16	15° \mathbb{I} 23'13	1.38524 AU	minimum elong	-4423 Jun 14 j 06:35	16° \mathbb{Z} 43'51	1°39'39
evening rise	-4424 Jul 11 j 08:12	22° \mathbb{I} 19'23		max. Earth dist.	-4423 Jun 19 j 14:35	27° \mathbb{Z} 10'57	1.36703 AU
	-4424 Jul 15 j 20:47	0° \mathbb{E}			-4423 Jun 21 j 02:18	0° \mathbb{I}	
desc. node	-4424 Jul 27 j 14:26	18° \mathbb{E} 21'31		evening rise	-4423 Jun 23 j 14:25	4° \mathbb{I} 38'16	
	-4424 Aug 04 j 21:22	0° \mathbb{L}			-4423 Jul 08 j 18:58	0° \mathbb{E}	
evening max el	-4424 Aug 16 j 00:36	13° \mathbb{L} 11'33	24°36'13	desc. node	-4423 Jul 14 j 11:30	8° \mathbb{E} 20'36	
retrograde	-4424 Aug 27 j 09:53	19° \mathbb{L} 51'20		evening max el	-4423 Jul 29 j 11:19	26° \mathbb{E} 42'18	25°48'44
evening set	-4424 Sep 01 j 23:30	17° \mathbb{L} 28'41			-4423 Aug 02 j 04:25	0° \mathbb{L}	
min. Earth dist.	-4424 Sep 06 j 14:33	12° \mathbb{L} 08'31	0.67164 AU	retrograde	-4423 Aug 10 j 18:49	3° \mathbb{L} 46'41	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4423 Aug 16 j 23:20	1°Ω08'10		min. Earth dist.	-4422 Aug 04 j 14:54	10°☾37'35	0.65692 AU
	-4423 Aug 18 j 04:10	30°☿☾		inferior conj	-4422 Aug 06 j 08:40	8°☾33'17	-2°48'55
min. Earth dist.	-4423 Aug 21 j 05:49	26°☾25'30	0.66608 AU	minimum elong	-4422 Aug 06 j 12:09	8°☾22'52	2°47'37
inferior conj	-4423 Aug 22 j 10:38	24°☾53'34	-2°01'31	morning rise	-4422 Aug 12 j 08:23	2°☾50'40	
minimum elong	-4423 Aug 22 j 13:22	24°☾44'53	2°00'19	direct	-4422 Aug 15 j 07:56	2°☾00'59	
morning rise	-4423 Aug 28 j 03:30	18°☾57'56		asc. node	-4422 Aug 15 j 13:49	2°☾01'19	
asc. node	-4423 Aug 28 j 16:41	18°☾38'44		morning max el	-4422 Aug 22 j 00:02	5°☾42'17	18°32'44
direct	-4423 Aug 31 j 10:38	17°☾55'03			-4422 Sep 07 j 15:10	0°Ω	
morning max el	-4423 Sep 07 j 13:16	21°☾58'04	19°16'49	morning set	-4422 Sep 11 j 00:33	5°Ω30'03	
	-4423 Sep 13 j 23:54	0°Ω					
morning set	-4423 Sep 30 j 19:07	25°Ω40'23		superior conj	-4422 Sep 26 j 09:17	0°☿03'27	0°06'01
	-4423 Oct 03 j 13:24	0°☿		minimum elong	-4422 Sep 26 j 10:05	0°☿06'37	0°06'02
desc. node	-4423 Oct 10 j 11:09	10°☿50'17		behind sun begin	-4422 Sep 25 j 23:27	29°Ω24'38	
max. Earth dist.	-4423 Oct 14 j 22:28	17°☿53'15	1.44564 AU	behind sun end	-4422 Sep 26 j 20:43	0°☿48'35	
					-4422 Sep 26 j 08:25	0°☿	
superior conj	-4423 Oct 17 j 09:57	21°☿48'53	-0°43'01	desc. node	-4422 Sep 27 j 08:03	1°☿33'16	
minimum elong	-4423 Oct 17 j 04:44	21°☿28'11	0°42'20	max. Earth dist.	-4422 Sep 27 j 16:30	2°☿06'35	1.44803 AU
	-4423 Oct 22 j 12:55	0°♄		evening rise	-4422 Oct 12 j 17:19	25°☿48'20	
evening rise	-4423 Nov 01 j 06:00	15°♄49'09			-4422 Oct 15 j 08:58	0°♄	
	-4423 Nov 09 j 20:58	0°♄		greatest brilliancy	-4422 Oct 21 j 16:14	9°♄56'04	-0.8m
evening max el	-4423 Nov 20 j 22:29	15°♄37'22	18°32'59	evening max el	-4422 Nov 04 j 08:27	29°♄02'53	19°11'31
asc. node	-4423 Nov 24 j 15:29	18°♄32'30			-4422 Nov 05 j 07:40	0°♄	
retrograde	-4423 Nov 27 j 13:54	19°♄18'58		retrograde	-4422 Nov 11 j 09:11	3°♄05'00	
evening set	-4423 Nov 30 j 13:29	18°♄29'33		asc. node	-4422 Nov 11 j 12:38	3°♄04'52	
inferior conj	-4423 Dec 06 j 12:26	12°♄53'47	3°21'20	evening set	-4422 Nov 14 j 15:12	2°♄03'40	
minimum elong	-4423 Dec 06 j 09:17	13°♄03'03	3°20'29		-4422 Nov 17 j 02:23	30°☿♄	
min. Earth dist.	-4423 Dec 08 j 11:27	10°♄36'14	0.64515 AU	inferior conj	-4422 Nov 20 j 07:41	26°♄12'39	2°42'15
morning rise	-4423 Dec 12 j 04:40	6°♄49'55		minimum elong	-4422 Nov 20 j 04:36	26°♄22'24	2°41'13
direct	-4423 Dec 19 j 00:58	3°♄59'02		min. Earth dist.	-4422 Nov 21 j 16:44	24°♄28'12	0.65731 AU
morning max el	-4422 Jan 01 j 09:54	11°♄38'29	27°15'33	morning rise	-4422 Nov 25 j 17:43	20°♄02'07	
desc. node	-4422 Jan 06 j 11:05	17°♄09'42		direct	-4422 Dec 02 j 02:42	17°♄16'12	
	-4422 Jan 16 j 02:59	0°♂		morning max el	-4422 Dec 14 j 19:43	24°♄42'29	26°21'21
	-4422 Feb 03 j 02:04	0°♂			-4422 Dec 19 j 15:46	0°♄	
morning set	-4422 Feb 05 j 17:34	5°♂04'40		desc. node	-4422 Dec 24 j 08:04	5°♄50'39	
max. Earth dist.	-4422 Feb 10 j 12:41	14°♂42'03	1.33939 AU		-4421 Jan 09 j 13:17	0°♂	
				morning set	-4421 Jan 19 j 22:04	18°♂16'42	
superior conj	-4422 Feb 13 j 18:59	21°♂30'23	-1°05'35	max. Earth dist.	-4421 Jan 24 j 01:21	26°♂13'10	1.35215 AU
minimum elong	-4422 Feb 13 j 21:40	21°♂44'34	1°05'20		-4421 Jan 25 j 23:07	0°♂	
	-4422 Feb 17 j 18:57	0°♁					
asc. node	-4422 Feb 20 j 14:42	5°♁58'22		superior conj	-4421 Jan 28 j 17:58	5°♂38'33	-1°26'27
evening rise	-4422 Feb 21 j 02:19	6°♁59'11		minimum elong	-4421 Jan 28 j 21:03	5°♂54'20	1°26'17
	-4422 Mar 05 j 13:26	0°♂		evening rise	-4421 Feb 05 j 10:25	21°♂33'44	
evening max el	-4422 Mar 14 j 04:15	10°♂42'24	22°04'26	asc. node	-4421 Feb 07 j 11:43	25°♂44'37	
retrograde	-4422 Mar 26 j 18:35	16°♂48'46			-4421 Feb 09 j 15:24	0°♁	
evening set	-4422 Mar 29 j 14:07	16°♂31'12		evening max el	-4421 Feb 24 j 07:16	21°♁54'12	20°40'21
desc. node	-4422 Apr 04 j 09:58	14°♂20'10		retrograde	-4421 Mar 07 j 08:34	27°♁09'36	
inferior conj	-4422 Apr 07 j 22:36	12°♂24'33	-0°58'05	evening set	-4421 Mar 09 j 17:11	26°♁56'11	
minimum elong	-4422 Apr 07 j 19:56	12°♂28'19	0°57'15	inferior conj	-4421 Mar 18 j 18:21	22°♁58'07	0°58'00
min. Earth dist.	-4422 Apr 07 j 10:51	12°♂41'07	0.55261 AU	minimum elong	-4421 Mar 18 j 20:55	22°♁54'24	0°57'00
morning rise	-4422 Apr 17 j 02:58	8°♂25'39		min. Earth dist.	-4421 Mar 20 j 01:02	22°♁13'41	0.55348 AU
direct	-4422 Apr 19 j 19:07	8°♂09'35		desc. node	-4421 Mar 22 j 07:09	20°♁58'23	
morning max el	-4422 May 01 j 17:02	13°♂46'45	21°24'37	morning rise	-4421 Mar 27 j 23:28	18°♁41'52	
	-4422 May 13 j 16:29	0°♂		direct	-4421 Mar 31 j 07:34	18°♁17'37	
asc. node	-4422 May 19 j 14:25	11°♂08'39		morning max el	-4421 Apr 13 j 14:37	24°♁46'19	22°59'15
morning set	-4422 May 21 j 20:28	15°♂43'44			-4421 Apr 18 j 09:22	0°♂	
	-4422 May 28 j 16:27	0°♂			-4421 May 05 j 23:37	0°♂	
				morning set	-4421 May 06 j 07:33	0°♂41'19	
superior conj	-4422 May 29 j 06:55	1°♂15'05	1°25'22	asc. node	-4421 May 06 j 11:24	1°♂01'28	
minimum elong	-4422 May 29 j 04:13	1°♂01'03	1°25'08				
max. Earth dist.	-4422 Jun 02 j 02:47	9°♂04'12	1.35168 AU	superior conj	-4421 May 13 j 11:37	15°♂56'31	1°06'48
evening rise	-4422 Jun 06 j 14:58	17°♂53'45		minimum elong	-4421 May 13 j 09:06	15°♂43'10	1°06'26
	-4422 Jun 13 j 05:58	0°♂		max. Earth dist.	-4421 May 16 j 00:47	21°♂19'20	1.33990 AU
desc. node	-4422 Jul 01 j 08:34	27°♂51'57			-4421 May 20 j 06:28	0°♂	
	-4422 Jul 02 j 23:54	0°♂		evening rise	-4421 May 21 j 04:48	1°♂50'57	
evening max el	-4422 Jul 11 j 22:29	10°♂10'22	26°45'30		-4421 Jun 06 j 03:45	0°♂	
retrograde	-4422 Jul 24 j 22:52	17°♂29'14		desc. node	-4421 Jun 18 j 05:40	16°♂43'52	
evening set	-4422 Jul 31 j 16:15	14°♂41'38		evening max el	-4421 Jun 24 j 09:31	23°♂26'26	27°19'03

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4421 Jul 03 j 16:45	0°☿				-4420 May 30 j 23:08	0°♊	
retrograde	-4421 Jul 07 j 21:40	0°☿51'15			desc. node	-4420 Jun 04 j 02:49	4°♊39'00	
	-4421 Jul 11 j 20:43	30°♊			evening max el	-4420 Jun 05 j 18:39	6°♊18'12	27°23'12
evening set	-4421 Jul 14 j 23:26	28°♊05'21			retrograde	-4420 Jun 19 j 14:23	13°♊42'41	
min. Earth dist.	-4421 Jul 18 j 15:51	24°♊37'34	0.64388 AU		evening set	-4420 Jun 26 j 17:14	11°♊12'19	
inferior conj	-4421 Jul 20 j 23:34	22°♊05'58	-3°29'55		min. Earth dist.	-4420 Jun 30 j 07:16	8°♊13'14	0.62718 AU
minimum elong	-4421 Jul 21 j 03:14	21°♊55'59	3°28'50		inferior conj	-4420 Jul 03 j 04:27	5°♊24'47	-4°00'47
morning rise	-4421 Jul 27 j 07:42	16°♊39'19			minimum elong	-4420 Jul 03 j 07:18	5°♊17'48	4°00'12
direct	-4421 Jul 30 j 01:50	15°♊59'54			morning rise	-4420 Jul 09 j 22:32	0°♊16'49	
asc. node	-4421 Aug 02 j 10:55	16°♊58'38				-4420 Jul 10 j 18:31	30°♋	
morning max el	-4421 Aug 05 j 14:09	19°♊28'12	18°05'41		direct	-4420 Jul 12 j 13:19	29°♋45'07	
	-4421 Aug 13 j 09:51	0°☿				-4420 Jul 14 j 07:45	0°♊	
morning set	-4421 Aug 23 j 09:11	16°☿38'01			morning max el	-4420 Jul 19 j 04:53	3°♊09'13	17°56'37
	-4421 Aug 31 j 08:29	0°♋			asc. node	-4420 Jul 19 j 07:58	3°♊16'51	
					morning set	-4420 Aug 04 j 16:50	28°♊51'50	
						-4420 Aug 05 j 08:10	0°☿	
superior conj	-4421 Sep 05 j 18:33	8°♋51'23	0°51'49					
minimum elong	-4421 Sep 05 j 23:57	9°♋13'10	0°51'20					
max. Earth dist.	-4421 Sep 10 j 09:37	16°♋16'26	1.44320 AU		superior conj	-4420 Aug 16 j 04:57	18°☿54'08	1°25'02
desc. node	-4421 Sep 14 j 04:59	22°♋17'33			minimum elong	-4420 Aug 16 j 10:19	19°☿16'48	1°24'44
	-4421 Sep 19 j 03:16	0°♎				-4420 Aug 22 j 21:49	0°♋	
evening rise	-4421 Sep 22 j 06:06	4°♎50'15			max. Earth dist.	-4420 Aug 22 j 23:08	0°♋05'23	1.43189 AU
greatest brilliancy	-4421 Oct 05 j 20:48	25°♎35'07	-0.6m		evening rise	-4420 Aug 31 j 09:49	13°♋30'20	
	-4421 Oct 08 j 21:05	0°♌			desc. node	-4420 Aug 31 j 01:56	12°♋59'38	
evening max el	-4421 Oct 18 j 13:50	12°♌29'18	20°05'39			-4420 Sep 11 j 05:51	0°♎	
retrograde	-4421 Oct 26 j 06:19	16°♌59'36			evening max el	-4420 Sep 30 j 13:15	25°♎54'58	21°12'58
asc. node	-4421 Oct 29 j 09:47	16°♌02'08				-4420 Oct 05 j 14:51	0°♌	
evening set	-4421 Oct 29 j 20:56	15°♌43'47			retrograde	-4420 Oct 09 j 03:03	0°♌59'41	
inferior conj	-4421 Nov 04 j 08:46	9°♌40'55	1°56'22			-4420 Oct 12 j 09:25	30°♋	
minimum elong	-4421 Nov 04 j 06:18	9°♌49'07	1°55'26		evening set	-4420 Oct 13 j 04:37	29°♎26'41	
min. Earth dist.	-4421 Nov 05 j 05:22	8°♌32'18	0.66605 AU		asc. node	-4420 Oct 15 j 06:54	27°♎27'03	
morning rise	-4421 Nov 09 j 15:26	3°♌26'22			inferior conj	-4420 Oct 18 j 13:25	23°♎15'20	1°06'08
direct	-4421 Nov 15 j 10:11	0°♌54'43			minimum elong	-4420 Oct 18 j 11:56	23°♎20'26	1°05'33
morning max el	-4421 Nov 27 j 04:38	7°♌54'22	25°06'57		min. Earth dist.	-4420 Oct 18 j 22:53	22°♎42'51	0.67158 AU
desc. node	-4421 Dec 11 j 05:01	25°♌12'39			morning rise	-4420 Oct 23 j 19:03	16°♎59'36	
	-4421 Dec 14 j 13:14	0°♍			direct	-4420 Oct 28 j 22:38	14°♎47'39	
morning set	-4420 Jan 02 j 08:58	0°♌31'16			morning max el	-4420 Nov 08 j 13:30	21°♎08'19	23°42'11
	-4420 Jan 02 j 01:58	0°♌				-4420 Nov 16 j 04:29	0°♌	
max. Earth dist.	-4420 Jan 06 j 02:39	7°♌19'58	1.36919 AU		desc. node	-4420 Nov 27 j 01:56	15°♌03'27	
						-4420 Dec 06 j 20:02	0°♍	
superior conj	-4420 Jan 12 j 07:42	19°♌13'57	-1°42'57		morning set	-4420 Dec 13 j 20:07	11°♍31'34	
minimum elong	-4420 Jan 12 j 10:24	19°♌27'15	1°42'57		max. Earth dist.	-4420 Dec 17 j 22:18	18°♍35'48	1.38924 AU
	-4420 Jan 17 j 16:51	0°♎				-4420 Dec 24 j 05:22	0°♌	
evening rise	-4420 Jan 20 j 13:44	5°♎47'32						
asc. node	-4420 Jan 25 j 08:44	15°♎11'05			superior conj	-4420 Dec 25 j 08:15	2°♌05'42	-1°52'38
	-4420 Feb 03 j 13:02	0°♏			minimum elong	-4420 Dec 25 j 09:25	2°♌11'09	1°52'47
evening max el	-4420 Feb 06 j 20:53	3°♏41'32	19°32'45		evening rise	-4419 Jan 03 j 09:48	19°♌33'55	
retrograde	-4420 Feb 16 j 06:10	8°♏08'40				-4419 Jan 08 j 21:22	0°♎	
evening set	-4420 Feb 18 j 14:26	7°♏53'16			asc. node	-4419 Jan 11 j 05:47	4°♎10'44	
inferior conj	-4420 Feb 27 j 00:08	3°♏47'55	2°35'38		evening max el	-4419 Jan 19 j 20:10	16°♎02'34	18°44'31
minimum elong	-4420 Feb 27 j 05:12	3°♏39'43	2°34'06		retrograde	-4419 Jan 27 j 20:39	19°♎55'10	
min. Earth dist.	-4420 Feb 29 j 15:46	2°♏05'42	0.56328 AU		evening set	-4419 Jan 30 j 07:55	19°♎34'33	
	-4420 Mar 04 j 09:16	30°♋			inferior conj	-4419 Feb 07 j 00:34	15°♎11'30	3°36'57
morning rise	-4420 Mar 06 j 17:22	29°♎02'48			minimum elong	-4419 Feb 07 j 04:19	15°♎04'28	3°36'09
desc. node	-4420 Mar 08 j 04:17	28°♎38'10			min. Earth dist.	-4419 Feb 10 j 08:01	12°♎44'14	0.57966 AU
direct	-4420 Mar 11 j 05:16	28°♎16'59			morning rise	-4419 Feb 14 j 22:16	9°♎58'50	
	-4420 Mar 17 j 22:47	0°♏			direct	-4419 Feb 20 j 15:53	8°♎38'11	
morning max el	-4420 Mar 25 j 06:07	5°♏23'16	24°37'56		desc. node	-4419 Feb 23 j 01:22	8°♎52'14	
	-4420 Apr 11 j 19:52	0°♐			morning max el	-4419 Mar 06 j 21:44	16°♎04'45	26°06'33
morning set	-4420 Apr 19 j 19:46	15°♐43'50				-4419 Mar 18 j 05:16	0°♏	
asc. node	-4420 Apr 22 j 08:22	21°♐05'59				-4419 Apr 03 j 22:47	0°♐	
	-4420 Apr 26 j 11:02	0°♑			morning set	-4419 Apr 04 j 07:28	0°♐45'27	
					asc. node	-4419 Apr 09 j 05:19	11°♐17'43	
superior conj	-4420 Apr 26 j 20:30	0°♑51'18	0°45'15					
minimum elong	-4420 Apr 26 j 18:38	0°♑41'11	0°44'52		superior conj	-4419 Apr 11 j 07:41	15°♐52'50	0°21'42
max. Earth dist.	-4420 Apr 28 j 07:16	3°♑59'00	1.33182 AU		minimum elong	-4419 Apr 11 j 06:44	15°♐47'41	0°21'26
evening rise	-4420 May 04 j 03:58	16°♑17'19			max. Earth dist.	-4419 Apr 11 j 19:15	16°♐56'07	1.32718 AU
	-4420 May 11 j 06:24	0°♒				-4419 Apr 17 j 21:21	0°♑	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening rise	-4419 Apr 18 j 09:27	1°Υ02'55		superior conj	-4418 Mar 26 j 19:23	0°✠53'51	-0°03'01
	-4419 May 04 j 07:53	0°♂		minimum elong	-4418 Mar 26 j 19:31	0°✠54'36	0°03'05
evening max el	-4419 May 18 j 23:26	18°♂34'33	26°54'36	behind sun begin	-4418 Mar 26 j 14:35	0°✠27'38	
desc. node	-4419 May 21 j 23:57	21°♂13'40		behind sun end	-4418 Mar 27 j 00:27	1°✠21'34	
retrograde	-4419 Jun 01 j 23:40	25°♂55'32		max. Earth dist.	-4418 Mar 26 j 08:51	29°≈56'12	1.32586 AU
evening set	-4419 Jun 08 j 17:35	23°♂54'14		asc. node	-4418 Mar 27 j 02:17	1°✠31'35	
min. Earth dist.	-4419 Jun 12 j 12:57	21°♂10'46	0.60776 AU	evening rise	-4418 Apr 02 j 18:49	15°✠58'01	
inferior conj	-4419 Jun 15 j 19:59	18°♂22'04	-4°15'50		-4418 Apr 09 j 20:24	0°Υ	
minimum elong	-4419 Jun 15 j 20:42	18°♂20'31	4°15'41		-4418 Apr 30 j 18:36	0°♂	
morning rise	-4419 Jun 23 j 01:37	13°♂35'01		evening max el	-4418 Apr 30 j 21:51	0°♂07'48	25°54'47
direct	-4419 Jun 25 j 14:39	13°♂09'18		desc. node	-4418 May 08 j 21:06	5°♂54'44	
morning max el	-4419 Jul 02 j 17:32	16°♂38'56	18°06'29	retrograde	-4418 May 14 j 23:56	7°♂23'14	
asc. node	-4419 Jul 06 j 04:59	20°♂40'37		evening set	-4418 May 20 j 21:00	5°♂59'29	
	-4419 Jul 12 j 04:07	0°♂		min. Earth dist.	-4418 May 25 j 10:22	3°♂15'05	0.58740 AU
morning set	-4419 Jul 18 j 18:00	11°♂57'21		inferior conj	-4418 May 28 j 18:25	0°♂47'14	-4°06'48
				minimum elong	-4418 May 28 j 15:50	0°♂52'02	4°06'28
superior conj	-4419 Jul 28 j 18:34	0°♂18'16	1°43'31		-4418 May 29 j 20:04	30°♂Υ	
minimum elong	-4419 Jul 28 j 21:24	0°♂30'52	1°43'35	morning rise	-4418 Jun 05 j 13:19	26°Υ21'59	
	-4419 Jul 28 j 14:28	0°♂		direct	-4418 Jun 08 j 01:20	26°Υ01'13	
max. Earth dist.	-4419 Aug 05 j 07:35	13°♂20'05	1.41560 AU	morning max el	-4418 Jun 16 j 01:14	29°Υ48'33	18°36'10
evening rise	-4419 Aug 11 j 00:49	22°♂43'37			-4418 Jun 16 j 06:02	0°♂	
	-4419 Aug 15 j 15:03	0°♂		asc. node	-4418 Jun 23 j 02:00	8°♂54'58	
desc. node	-4419 Aug 17 j 22:56	3°♂36'11		morning set	-4418 Jul 02 j 07:58	25°♂41'52	
	-4419 Sep 05 j 08:22	0°♂			-4418 Jul 04 j 13:18	0°♂	
evening max el	-4419 Sep 13 j 06:38	9°♂20'27	22°29'40				
retrograde	-4419 Sep 22 j 21:52	15°♂03'27		superior conj	-4418 Jul 11 j 06:40	12°♂50'40	1°49'19
evening set	-4419 Sep 27 j 12:28	13°♂11'09		minimum elong	-4418 Jul 11 j 06:51	12°♂51'30	1°49'31
asc. node	-4419 Oct 02 j 04:01	7°♂48'59		max. Earth dist.	-4418 Jul 18 j 10:49	25°♂51'00	1.39649 AU
inferior conj	-4419 Oct 02 j 19:48	6°♂54'35	0°13'29		-4418 Jul 20 j 20:14	0°♂	
minimum elong	-4419 Oct 02 j 19:29	6°♂55'40	0°13'26	evening rise	-4418 Jul 22 j 16:03	3°♂06'21	
transit middle	-4419 Oct 02 j 19:29	6°♂55'40	0°13'26	desc. node	-4418 Aug 04 j 19:57	24°♂02'47	
transit begin	-4419 Oct 02 j 17:57	7°♂00'59			-4418 Aug 08 j 21:00	0°♂	
transit end	-4419 Oct 02 j 21:02	6°♂50'21		evening max el	-4418 Aug 26 j 19:20	22°♂46'50	23°50'29
min. Earth dist.	-4419 Oct 02 j 18:52	6°♂57'48	0.67403 AU	retrograde	-4418 Sep 06 j 13:37	29°♂07'46	
morning rise	-4419 Oct 08 j 02:23	0°♂40'38		evening set	-4418 Sep 11 j 18:43	26°♂55'35	
	-4419 Oct 09 j 00:23	30°♂♂		min. Earth dist.	-4418 Sep 16 j 14:57	21°♂15'21	0.67340 AU
direct	-4419 Oct 12 j 15:15	28°♂50'14		inferior conj	-4418 Sep 17 j 02:12	20°♂37'04	-0°39'54
	-4419 Oct 16 j 13:56	0°♂		minimum elong	-4418 Sep 17 j 03:07	20°♂33'54	0°39'22
morning max el	-4419 Oct 22 j 01:28	4°♂26'41	22°16'28	asc. node	-4418 Sep 19 j 01:08	18°♂01'18	
	-4419 Nov 10 j 10:39	0°♂		morning rise	-4418 Sep 22 j 11:29	14°♂27'50	
desc. node	-4419 Nov 13 j 22:51	5°♂15'02		direct	-4418 Sep 26 j 11:05	12°♂58'05	
morning set	-4419 Nov 24 j 02:55	21°♂08'38		morning max el	-4418 Oct 04 j 19:32	17°♂52'53	20°57'11
	-4419 Nov 29 j 12:05	0°♂			-4418 Oct 14 j 12:33	0°♂	
max. Earth dist.	-4419 Nov 29 j 20:46	0°♂36'27	1.40981 AU	desc. node	-4418 Oct 31 j 19:47	25°♂41'18	
				morning set	-4418 Nov 03 j 09:01	29°♂39'01	
superior conj	-4419 Dec 07 j 14:36	14°♂01'00	-1°52'16		-4418 Nov 03 j 14:23	0°♂	
minimum elong	-4419 Dec 07 j 12:50	13°♂53'09	1°52'21	max. Earth dist.	-4418 Nov 12 j 02:11	13°♂31'26	1.42786 AU
	-4419 Dec 16 j 08:01	0°♂					
evening rise	-4419 Dec 17 j 19:37	2°♂46'20		superior conj	-4418 Nov 18 j 21:02	24°♂45'59	-1°38'08
asc. node	-4419 Dec 29 j 02:50	22°♂34'57		minimum elong	-4418 Nov 18 j 15:42	24°♂23'26	1°37'49
evening max el	-4418 Jan 03 j 02:44	28°♂50'07	18°16'17		-4418 Nov 21 j 22:43	0°♂	
	-4418 Jan 04 j 09:52	0°♂		evening rise	-4418 Nov 30 j 15:27	15°♂17'01	
retrograde	-4418 Jan 10 j 05:38	2°♂23'52			-4418 Dec 09 j 00:52	0°♂	
evening set	-4418 Jan 12 j 19:43	1°♂56'42		asc. node	-4418 Dec 15 j 23:56	10°♂13'13	
	-4418 Jan 16 j 10:06	30°♂♂		evening max el	-4418 Dec 17 j 13:48	11°♂56'46	18°07'53
inferior conj	-4418 Jan 19 j 21:17	27°♂12'03	4°02'26	retrograde	-4418 Dec 24 j 05:37	15°♂25'13	
minimum elong	-4418 Jan 19 j 22:11	27°♂10'06	4°02'11	evening set	-4418 Dec 26 j 22:28	14°♂50'38	
min. Earth dist.	-4418 Jan 23 j 04:41	24°♂20'52	0.59928 AU	inferior conj	-4417 Jan 02 j 11:47	9°♂44'38	4°00'26
morning rise	-4418 Jan 26 j 22:57	21°♂38'22		minimum elong	-4417 Jan 02 j 10:17	9°♂48'23	4°00'08
direct	-4418 Feb 02 j 14:03	19°♂38'57		min. Earth dist.	-4417 Jan 05 j 09:21	6°♂52'39	0.61899 AU
desc. node	-4418 Feb 09 j 22:27	21°♂52'56		morning rise	-4417 Jan 08 j 21:02	3°♂56'01	
morning max el	-4418 Feb 16 j 18:31	27°♂15'45	27°10'32	direct	-4417 Jan 15 j 21:54	1°♂25'06	
	-4418 Feb 19 j 09:56	0°♂		desc. node	-4417 Jan 27 j 19:30	7°♂11'03	
	-4418 Mar 11 j 16:57	0°♂		morning max el	-4417 Jan 29 j 21:46	9°♂07'47	27°40'24
morning set	-4418 Mar 19 j 16:52	15°≈38'35			-4417 Feb 15 j 02:15	0°♂	
	-4418 Mar 26 j 09:32	0°♂		morning set	-4417 Mar 03 j 21:56	0°≈16'10	
					-4417 Mar 03 j 18:46	0°≈	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

max. Earth dist.	-4417 Mar 09 j 20:07	12° \approx 44'59	1.32802 AU		-4416 Feb 23 j 08:02	0° \approx	
superior conj	-4417 Mar 11 j 06:02	15° \approx 48'38	-0°27'59	superior conj	-4416 Feb 23 j 13:51	0° \approx 31'01	-0°52'19
minimum elong	-4417 Mar 11 j 07:16	15° \approx 55'25	0°27'52	minimum elong	-4416 Feb 23 j 16:05	0° \approx 42'59	0°52'05
asc. node	-4417 Mar 13 j 23:17	21° \approx 43'31		asc. node	-4416 Feb 28 j 20:18	11° \approx 49'14	
	-4417 Mar 17 j 19:36	0° H		evening rise	-4416 Mar 01 j 17:38	15° \approx 49'12	
evening rise	-4417 Mar 18 j 06:09	0° H 55'39			-4416 Mar 08 j 21:13	0° H	
	-4417 Apr 03 j 09:52	0° Y		evening max el	-4416 Mar 24 j 07:18	21° H 48'04	22°57'46
evening max el	-4417 Apr 12 j 14:52	11° Y 04'49	24°31'30	retrograde	-4416 Apr 06 j 14:13	28° H 19'50	
desc. node	-4417 Apr 25 j 18:15	18° Y 05'27		evening set	-4416 Apr 09 j 22:02	27° H 55'37	
retrograde	-4417 Apr 26 j 13:22	18° Y 06'56		desc. node	-4416 Apr 11 j 15:24	27° H 25'13	
evening set	-4417 May 01 j 03:50	17° Y 19'02		min. Earth dist.	-4416 Apr 17 j 17:36	24° H 27'25	0.55619 AU
min. Earth dist.	-4417 May 07 j 02:52	14° Y 18'30	0.56903 AU	inferior conj	-4416 Apr 19 j 04:36	23° H 36'34	-2°00'40
inferior conj	-4417 May 09 j 20:59	12° Y 32'09	-3°23'38	minimum elong	-4416 Apr 18 j 23:38	23° H 43'48	1°59'10
minimum elong	-4417 May 09 j 15:32	12° Y 40'59	3°22'26	morning rise	-4416 Apr 28 j 03:31	19° H 38'53	
morning rise	-4417 May 18 j 06:26	8° Y 25'34		direct	-4416 Apr 30 j 15:41	19° H 23'53	
direct	-4417 May 20 j 17:27	8° Y 08'50		morning max el	-4416 May 11 j 15:04	24° H 31'15	20°36'17
morning max el	-4417 May 30 j 01:12	12° Y 28'54	19°26'13		-4416 May 16 j 11:48	0° Y	
asc. node	-4417 Jun 09 j 23:01	27° Y 48'03		asc. node	-4416 May 26 j 20:03	17° Y 10'27	
	-4417 Jun 11 j 03:58	0° B		morning set	-4416 May 30 j 12:40	24° Y 32'52	
morning set	-4417 Jun 16 j 07:07	9° B 56'09			-4416 Jun 02 j 04:16	0° B	
superior conj	-4417 Jun 24 j 11:33	26° B 15'19	1°45'22	superior conj	-4416 Jun 07 j 04:26	10° B 18'29	1°34'15
minimum elong	-4417 Jun 24 j 09:54	26° B 07'15	1°45'27	minimum elong	-4416 Jun 07 j 01:53	10° B 05'31	1°34'07
	-4417 Jun 26 j 09:49	0° II		max. Earth dist.	-4416 Jun 11 j 19:20	19° B 31'53	1.36002 AU
max. Earth dist.	-4417 Jun 30 j 12:30	7° II 45'57	1.37721 AU	evening rise	-4416 Jun 15 j 23:53	27° B 31'11	
evening rise	-4417 Jul 04 j 09:11	14° II 45'45			-4416 Jun 17 j 08:09	0° II	
	-4417 Jul 13 j 09:35	0° E			-4416 Jul 05 j 17:06	0° E	
desc. node	-4417 Jul 22 j 17:00	14° E 14'00		desc. node	-4416 Jul 08 j 14:04	4° E 03'02	
	-4417 Aug 03 j 13:04	0° Ω		evening max el	-4416 Jul 21 j 16:49	19° E 47'02	26°15'18
evening max el	-4417 Aug 09 j 05:57	6° Ω 15'50	25°08'23	retrograde	-4416 Aug 03 j 08:33	26° E 59'26	
retrograde	-4417 Aug 21 j 01:25	13° Ω 08'01		evening set	-4416 Aug 09 j 18:44	24° E 16'07	
evening set	-4417 Aug 26 j 21:30	10° Ω 37'49		min. Earth dist.	-4416 Aug 13 j 21:47	19° E 49'39	0.66260 AU
min. Earth dist.	-4417 Aug 31 j 08:42	5° Ω 33'25	0.66968 AU	inferior conj	-4416 Aug 15 j 07:55	18° E 03'34	-2°22'14
inferior conj	-4417 Sep 01 j 06:50	4° Ω 20'37	-1°32'25	minimum elong	-4416 Aug 15 j 11:01	17° E 53'55	2°20'57
minimum elong	-4417 Sep 01 j 08:58	4° Ω 13'39	1°31'24	morning rise	-4416 Aug 21 j 03:29	12° E 12'52	
	-4417 Sep 04 j 21:13	30° R E		asc. node	-4416 Aug 22 j 19:24	11° E 28'41	
asc. node	-4417 Sep 05 j 22:17	29° E 01'31		direct	-4416 Aug 24 j 07:02	11° E 16'04	
morning rise	-4417 Sep 06 j 20:29	28° E 19'05		morning max el	-4416 Aug 31 j 04:31	15° E 09'10	18°55'59
direct	-4417 Sep 10 j 08:53	27° E 07'26			-4416 Sep 11 j 03:07	0° Ω	
	-4417 Sep 16 j 08:07	0° Ω		morning set	-4416 Sep 21 j 22:33	17° Ω 01'38	
morning max el	-4417 Sep 17 j 20:45	1° Ω 27'17	19°49'17		-4416 Sep 30 j 03:25	0° H	
	-4417 Oct 08 j 04:56	0° H		desc. node	-4416 Oct 04 j 13:38	6° H 58'29	
morning set	-4417 Oct 13 j 07:56	7° H 55'13		max. Earth dist.	-4416 Oct 07 j 06:34	11° H 14'20	1.44760 AU
desc. node	-4417 Oct 18 j 16:42	16° H 16'50					
max. Earth dist.	-4417 Oct 25 j 14:06	27° H 09'07	1.44097 AU	superior conj	-4416 Oct 08 j 04:20	12° H 40'08	-0°22'42
	-4417 Oct 27 j 08:56	0° A		minimum elong	-4416 Oct 08 j 01:23	12° H 28'32	0°22'14
					-4416 Oct 19 j 02:09	0° A	
superior conj	-4417 Oct 29 j 23:49	4° A 12'42	-1°07'34	evening rise	-4416 Oct 23 j 18:27	7° A 32'06	
minimum elong	-4417 Oct 29 j 17:03	3° A 45'25	1°06'49		-4416 Nov 06 j 21:38	0° M	
evening rise	-4417 Nov 12 j 16:34	26° A 55'11		evening max el	-4416 Nov 13 j 14:17	8° M 39'41	18°47'21
	-4417 Nov 14 j 12:07	0° M		asc. node	-4416 Nov 18 j 18:12	12° M 14'23	
evening max el	-4417 Dec 01 j 02:32	25° M 15'00	18°18'36	retrograde	-4416 Nov 20 j 08:51	12° M 28'47	
asc. node	-4417 Dec 02 j 21:04	26° M 51'26		evening set	-4416 Nov 23 j 10:54	11° M 34'40	
retrograde	-4417 Dec 07 j 15:58	28° M 49'04		inferior conj	-4416 Nov 29 j 06:54	5° M 52'18	3°05'43
evening set	-4417 Dec 10 j 12:36	28° M 05'42		minimum elong	-4416 Nov 29 j 03:42	6° M 02'03	3°04'45
inferior conj	-4417 Dec 16 j 16:12	22° M 40'18	3°39'27	min. Earth dist.	-4416 Nov 30 j 23:54	3° M 48'01	0.65086 AU
minimum elong	-4417 Dec 16 j 13:21	22° M 48'13	3°38'48	morning rise	-4416 Dec 04 j 20:08	29° A 45'22	
min. Earth dist.	-4417 Dec 18 j 23:46	20° M 06'17	0.63655 AU		-4416 Dec 04 j 13:27	30° R A	
morning rise	-4417 Dec 22 j 13:27	16° M 41'03		direct	-4416 Dec 11 j 12:18	26° A 54'50	
direct	-4417 Dec 29 j 13:48	13° M 52'47			-4416 Dec 19 j 09:46	0° M	
morning max el	-4416 Jan 12 j 05:31	21° M 36'14	27°34'05	morning max el	-4416 Dec 24 j 15:01	4° M 30'12	26°55'20
desc. node	-4416 Jan 14 j 16:33	24° M 09'46		desc. node	-4416 Dec 31 j 13:33	12° M 19'57	
	-4416 Jan 19 j 15:09	0° J			-4415 Jan 13 j 03:09	0° J	
	-4416 Feb 08 j 04:10	0° B		morning set	-4415 Jan 29 j 08:21	28° J 07'17	
morning set	-4416 Feb 15 j 20:12	14° B 29'15			-4415 Jan 30 j 07:42	0° B	
max. Earth dist.	-4416 Feb 21 j 01:03	25° B 08'38	1.33399 AU	max. Earth dist.	-4415 Feb 02 j 20:07	6° B 58'15	1.34426 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4415 Feb 06 j 16:47	14° Z 54'13	-1°14'52	desc. node	-4415 Dec 18 j 10:33	1° M 20'29	
minimum elong	-4415 Feb 06 j 19:43	15° Z 09'28	1°14'38		-4414 Jan 06 j 02:04	0° Z	
	-4415 Feb 13 j 21:13	0° \approx		morning set	-4414 Jan 12 j 06:05	10° Z 57'09	
evening rise	-4415 Feb 14 j 03:30	0° \approx 32'40		max. Earth dist.	-4414 Jan 16 j 03:46	18° Z 17'24	1.35897 AU
asc. node	-4415 Feb 14 j 17:19	1° \approx 44'11					
	-4415 Mar 03 j 14:36	0° H		superior conj	-4414 Jan 21 j 12:17	28° Z 50'24	-1°34'08
evening max el	-4415 Mar 06 j 05:14	2° H 44'05	21°27'02	minimum elong	-4414 Jan 21 j 15:19	29° Z 05'42	1°34'01
retrograde	-4415 Mar 18 j 04:48	8° H 28'42			-4414 Jan 22 j 02:04	0° Z	
evening set	-4415 Mar 20 j 17:56	8° H 13'58		evening rise	-4414 Jan 29 j 09:52	14° Z 59'56	
desc. node	-4415 Mar 29 j 12:33	4° H 30'56		asc. node	-4414 Feb 01 j 14:20	21° Z 23'19	
inferior conj	-4415 Mar 30 j 00:51	4° H 13'39	-0°08'30		-4414 Feb 06 j 05:04	0° \approx	
minimum elong	-4415 Mar 30 j 00:27	4° H 14'13	0°08'28	evening max el	-4414 Feb 16 j 12:45	14° \approx 11'08	20°09'18
transit middle	-4415 Mar 30 j 00:27	4° H 14'13	0°08'28	retrograde	-4414 Feb 26 j 20:18	19° \approx 04'37	
transit begin	-4415 Mar 29 j 20:58	4° H 19'06		evening set	-4414 Mar 01 j 04:14	18° \approx 50'44	
transit end	-4415 Mar 30 j 03:55	4° H 09'19		inferior conj	-4414 Mar 09 j 23:21	14° \approx 51'10	1°43'14
min. Earth dist.	-4415 Mar 30 j 07:46	4° H 03'53	0.55178 AU	minimum elong	-4414 Mar 10 j 03:29	14° \approx 44'55	1°41'47
morning rise	-4415 Apr 08 j 07:00	0° H 09'13		min. Earth dist.	-4414 Mar 11 j 21:49	13° \approx 41'29	0.55668 AU
	-4415 Apr 09 j 03:33	30° R \approx		desc. node	-4414 Mar 16 j 09:41	11° \approx 19'46	
direct	-4415 Apr 11 j 04:30	29° \approx 50'45		morning rise	-4414 Mar 19 j 00:52	10° \approx 23'44	
	-4415 Apr 13 j 04:45	0° H		direct	-4414 Mar 22 j 19:58	9° \approx 52'09	
morning max el	-4415 Apr 23 j 17:55	5° H 51'15	22°03'41	morning max el	-4414 Apr 05 j 12:08	16° \approx 38'15	23°41'34
	-4415 May 10 j 05:48	0° Y			-4414 Apr 16 j 04:19	0° H	
asc. node	-4415 May 13 j 17:02	6° Y 53'55		morning set	-4414 Apr 29 j 10:02	24° H 25'20	
morning set	-4415 May 14 j 22:16	9° Y 24'35		asc. node	-4414 Apr 30 j 14:00	26° H 52'37	
					-4414 May 02 j 01:10	0° Y	
superior conj	-4415 May 22 j 05:36	24° Y 48'12	1°17'56	superior conj	-4414 May 06 j 12:19	9° Y 36'09	0°57'57
minimum elong	-4415 May 22 j 02:55	24° Y 34'05	1°17'38	minimum elong	-4414 May 06 j 10:02	9° Y 23'54	0°57'35
	-4415 May 24 j 17:32	0° B		max. Earth dist.	-4414 May 08 j 13:55	14° Y 00'52	1.33604 AU
max. Earth dist.	-4415 May 25 j 11:44	1° B 33'26	1.34618 AU	evening rise	-4414 May 14 j 00:50	25° Y 17'08	
evening rise	-4415 May 30 j 06:37	11° B 06'09			-4414 May 16 j 10:16	0° B	
	-4415 Jun 09 j 17:41	0° II			-4414 Jun 03 j 04:58	0° II	
desc. node	-4415 Jun 25 j 11:10	23° II 19'28		desc. node	-4414 Jun 12 j 08:16	11° II 49'27	
	-4415 Jul 01 j 01:48	0° E		evening max el	-4414 Jun 16 j 14:55	16° II 19'41	27°24'42
evening max el	-4415 Jul 04 j 04:18	3° E 12'17	27°03'10	retrograde	-4414 Jun 30 j 06:18	23° II 44'01	
retrograde	-4415 Jul 17 j 10:19	10° E 34'07		evening set	-4414 Jul 07 j 09:45	21° II 02'58	
evening set	-4415 Jul 24 j 07:52	7° E 46'07		min. Earth dist.	-4414 Jul 11 j 00:34	17° II 48'47	0.63723 AU
min. Earth dist.	-4415 Jul 28 j 03:43	3° E 57'46	0.65183 AU	inferior conj	-4414 Jul 13 j 14:11	15° II 08'37	-3°44'30
inferior conj	-4415 Jul 30 j 03:13	1° E 41'17	-3°07'15	minimum elong	-4414 Jul 13 j 17:39	14° II 59'35	3°43'39
minimum elong	-4415 Jul 30 j 06:52	1° E 30'46	3°06'01	morning rise	-4414 Jul 20 j 02:21	9° II 49'34	
	-4415 Jul 31 j 15:07	30° R II		direct	-4414 Jul 22 j 18:58	9° II 13'32	
morning rise	-4415 Aug 05 j 06:17	26° II 04'48		asc. node	-4414 Jul 27 j 13:33	11° II 05'59	
direct	-4415 Aug 08 j 03:20	25° II 19'41		morning max el	-4414 Jul 29 j 07:34	12° II 38'35	17°59'37
asc. node	-4415 Aug 09 j 16:30	25° II 32'40			-4414 Aug 10 j 04:47	0° E	
morning max el	-4415 Aug 14 j 16:55	28° II 54'25	18°19'04	morning set	-4414 Aug 15 j 10:54	9° E 03'52	
	-4415 Aug 15 j 17:29	0° E			-4414 Aug 27 j 19:38	0° O	
morning set	-4415 Sep 02 j 15:51	27° E 26'06					
	-4415 Sep 04 j 05:13	0° O		superior conj	-4414 Aug 28 j 00:00	0° O 17'57	1°07'43
superior conj	-4415 Sep 17 j 05:10	21° O 01'28	0°26'33	minimum elong	-4414 Aug 28 j 05:54	0° O 42'08	1°07'16
minimum elong	-4415 Sep 17 j 08:26	21° O 14'29	0°26'15	max. Earth dist.	-4414 Sep 02 j 17:16	9° O 34'38	1.43915 AU
max. Earth dist.	-4415 Sep 20 j 00:47	25° O 29'24	1.44694 AU	desc. node	-4414 Sep 08 j 07:30	18° O 26'27	
desc. node	-4415 Sep 21 j 10:34	27° O 42'42		evening rise	-4414 Sep 13 j 01:58	25° O 51'56	
	-4415 Sep 22 j 21:26	0° M			-4414 Sep 15 j 18:23	0° M	
evening rise	-4415 Oct 03 j 19:20	17° M 05'06			-4414 Oct 06 j 07:54	0° E	
	-4415 Oct 12 j 02:30	0° E		evening max el	-4414 Oct 11 j 01:33	5° E 33'01	20°32'48
greatest brilliancy	-4415 Oct 15 j 03:28	4° E 40'21	-0.7m	retrograde	-4414 Oct 19 j 02:19	10° E 17'09	
evening max el	-4415 Oct 27 j 22:37	22° E 06'42	19°32'44	evening set	-4414 Oct 22 j 21:25	8° E 54'06	
retrograde	-4415 Nov 04 j 05:06	26° E 19'23		asc. node	-4414 Oct 23 j 12:26	8° E 24'24	
asc. node	-4415 Nov 05 j 15:19	26° E 07'37		inferior conj	-4414 Oct 28 j 07:45	2° E 47'01	1°35'29
evening set	-4415 Nov 07 j 14:36	25° E 12'05		minimum elong	-4414 Oct 28 j 05:40	2° E 54'03	1°34'40
inferior conj	-4415 Nov 13 j 04:55	19° E 15'45	2°23'27	min. Earth dist.	-4414 Oct 28 j 23:22	1° E 54'10	0.66880 AU
minimum elong	-4415 Nov 13 j 02:02	19° E 25'04	2°22'25		-4414 Oct 30 j 09:59	30° R M	
min. Earth dist.	-4415 Nov 14 j 08:28	17° E 46'32	0.66154 AU	morning rise	-4414 Nov 02 j 13:44	26° M 31'47	
morning rise	-4415 Nov 18 j 13:15	13° E 03'27		direct	-4414 Nov 08 j 01:59	24° M 08'23	
direct	-4415 Nov 24 j 16:30	10° E 22'44			-4414 Nov 18 j 11:57	0° E	
morning max el	-4415 Dec 07 j 00:21	17° E 38'26	25°51'31	morning max el	-4414 Nov 19 j 09:09	0° E 52'14	24°31'39
	-4415 Dec 17 j 10:35	0° M		desc. node	-4414 Dec 05 j 07:29	20° E 56'08	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4414 Dec 11 j 10:22	0°♄				-4413 Nov 14 j 14:05	0°♄	
morning set	-4414 Dec 25 j 07:38	22°♄42'15		desc. node		-4413 Nov 22 j 04:25	10°♄57'01	
max. Earth dist.	-4414 Dec 29 j 02:15	29°♄25'55	1.37753 AU			-4413 Dec 04 j 09:23	0°♄	
	-4414 Dec 29 j 09:45	0°♄		morning set		-4413 Dec 06 j 07:09	3°♄08'27	
				max. Earth dist.		-4413 Dec 10 j 22:12	10°♄58'01	1.39810 AU
superior conj	-4413 Jan 04 j 20:57	12°♄08'49	-1°48'05					
minimum elong	-4413 Jan 04 j 23:09	12°♄19'30	1°48'08	superior conj		-4413 Dec 18 j 14:27	24°♄38'29	-1°53'55
evening rise	-4413 Jan 13 j 10:27	29°♄03'26		minimum elong		-4413 Dec 18 j 14:32	24°♄38'52	1°54'05
	-4413 Jan 13 j 21:53	0°♄				-4413 Dec 21 j 11:40	0°♄	
asc. node	-4413 Jan 19 j 11:22	10°♄39'39		evening rise		-4413 Dec 28 j 02:38	12°♄36'47	
evening max el	-4413 Jan 30 j 06:36	26°♄13'06	19°09'41	asc. node		-4412 Jan 06 j 08:25	29°♄25'45	
	-4413 Feb 05 j 07:05	0°♄				-4412 Jan 06 j 16:54	0°♄	
retrograde	-4413 Feb 08 j 00:49	0°♄24'05		evening max el		-4412 Jan 13 j 09:18	8°♄46'32	18°29'59
evening set	-4413 Feb 10 j 10:11	0°♄06'45		retrograde		-4412 Jan 20 j 23:27	12°♄29'27	
	-4413 Feb 10 j 20:41	30°♄		evening set		-4412 Jan 23 j 11:47	12°♄06'20	
inferior conj	-4413 Feb 18 j 12:28	25°♄54'20	3°06'24	inferior conj		-4412 Jan 30 j 21:44	7°♄34'27	3°51'40
minimum elong	-4413 Feb 18 j 17:21	25°♄45'57	3°05'07	minimum elong		-4412 Jan 31 j 00:18	7°♄29'18	3°51'11
min. Earth dist.	-4413 Feb 21 j 12:48	23°♄51'01	0.56963 AU	min. Earth dist.		-4412 Feb 03 j 06:52	4°♄53'48	0.58785 AU
morning rise	-4413 Feb 26 j 21:54	20°♄56'44		morning rise		-4412 Feb 07 j 10:36	2°♄11'33	
desc. node	-4413 Mar 03 j 06:47	19°♄58'44		direct		-4412 Feb 13 j 14:35	0°♄34'01	
direct	-4413 Mar 03 j 22:38	19°♄57'42		desc. node		-4412 Feb 18 j 03:53	1°♄25'26	
morning max el	-4413 Mar 18 j 03:06	27°♄14'10	25°17'51	morning max el		-4412 Feb 27 j 20:41	8°♄06'34	26°37'22
	-4413 Mar 20 j 19:22	0°♄				-4412 Mar 15 j 08:42	0°♄	
	-4413 Apr 09 j 06:14	0°♄		morning set		-4412 Mar 28 j 09:11	24°♄27'00	
morning set	-4413 Apr 13 j 22:14	9°♄28'16				-4412 Mar 30 j 24:00	0°♄	
asc. node	-4413 Apr 17 j 10:57	17°♄00'45		asc. node		-4412 Apr 03 j 07:55	7°♄13'50	
superior conj	-4413 Apr 20 j 22:23	24°♄34'24	0°35'26	superior conj		-4412 Apr 04 j 10:00	9°♄36'30	0°11'19
minimum elong	-4413 Apr 20 j 20:53	24°♄26'13	0°35'06	minimum elong		-4412 Apr 04 j 09:30	9°♄33'47	0°11'07
max. Earth dist.	-4413 Apr 21 j 23:11	26°♄49'09	1.32942 AU	behind sun begin		-4412 Apr 04 j 05:57	9°♄14'16	
	-4413 Apr 23 j 10:31	0°♄		behind sun end		-4412 Apr 04 j 13:04	9°♄53'17	
evening rise	-4413 Apr 28 j 02:59	9°♄52'20		max. Earth dist.		-4412 Apr 04 j 12:07	9°♄48'04	1.32619 AU
	-4413 May 08 j 18:15	0°♄		evening rise		-4412 Apr 11 j 10:23	24°♄42'37	
evening max el	-4413 May 29 j 22:13	28°♄56'23	27°15'00			-4412 Apr 14 j 00:21	0°♄	
desc. node	-4413 May 30 j 05:23	29°♄13'23				-4412 May 01 j 16:48	0°♄	
	-4413 May 31 j 01:36	0°♄		evening max el		-4412 May 11 j 00:12	10°♄53'40	26°32'37
retrograde	-4413 Jun 12 j 19:58	6°♄20'01		desc. node		-4412 May 16 j 02:31	15°♄03'45	
evening set	-4413 Jun 19 j 20:38	4°♄00'07		retrograde		-4412 May 25 j 02:04	18°♄13'41	
min. Earth dist.	-4413 Jun 23 j 11:32	1°♄09'55	0.61915 AU	evening set		-4412 May 31 j 12:23	16°♄27'47	
	-4413 Jun 24 j 18:19	30°♄		min. Earth dist.		-4412 Jun 04 j 13:29	13°♄45'51	0.59896 AU
inferior conj	-4413 Jun 26 j 13:47	28°♄18'45	-4°09'33	inferior conj		-4412 Jun 07 j 22:25	11°♄03'04	-4°15'36
minimum elong	-4413 Jun 26 j 15:54	28°♄13'50	4°09'12	minimum elong		-4412 Jun 07 j 21:50	11°♄04'15	4°15'28
morning rise	-4413 Jul 03 j 12:36	23°♄19'52		morning rise		-4412 Jun 15 j 09:32	6°♄25'34	
direct	-4413 Jul 06 j 02:32	22°♄50'54		direct		-4412 Jun 17 j 21:56	6°♄02'12	
morning max el	-4413 Jul 12 j 21:47	26°♄15'47	17°58'34	morning max el		-4412 Jun 25 j 08:44	9°♄38'03	18°16'43
asc. node	-4413 Jul 14 j 10:36	27°♄53'51		asc. node		-4412 Jun 30 j 07:38	15°♄40'37	
	-4413 Jul 16 j 03:13	0°♄				-4412 Jul 08 j 17:04	0°♄	
morning set	-4413 Jul 29 j 02:35	21°♄40'56		morning set		-4412 Jul 11 j 09:41	5°♄03'46	
	-4413 Aug 02 j 17:08	0°♄						
superior conj	-4413 Aug 08 j 22:20	10°♄56'29	1°34'36	superior conj		-4412 Jul 20 j 22:12	22°♄51'14	1°47'22
minimum elong	-4413 Aug 09 j 02:46	11°♄15'34	1°34'29	minimum elong		-4412 Jul 20 j 23:50	22°♄58'40	1°47'31
max. Earth dist.	-4413 Aug 16 j 04:40	23°♄10'17	1.42536 AU	max. Earth dist.		-4412 Jul 24 j 22:05	0°♄	
	-4413 Aug 20 j 09:42	0°♄		evening rise		-4412 Jul 28 j 10:02	6°♄03'51	1.40755 AU
evening rise	-4413 Aug 23 j 08:03	4°♄39'16		desc. node		-4412 Aug 02 j 08:24	14°♄18'57	
desc. node	-4413 Aug 26 j 04:29	9°♄06'41				-4412 Aug 12 j 01:29	29°♄39'18	
	-4413 Sep 09 j 03:49	0°♄				-4412 Aug 12 j 06:56	0°♄	
evening max el	-4413 Sep 23 j 22:12	18°♄58'16	21°44'41	evening max el		-4412 Sep 03 j 07:11	0°♄	
retrograde	-4413 Oct 02 j 22:35	24°♄19'38		retrograde		-4412 Sep 05 j 13:16	2°♄23'25	23°04'02
evening set	-4413 Oct 07 j 05:25	22°♄38'34		evening set		-4412 Sep 15 j 16:18	8°♄23'32	
asc. node	-4413 Oct 10 j 09:33	19°♄18'06		inferior conj		-4412 Sep 20 j 12:48	6°♄22'58	
inferior conj	-4413 Oct 12 j 13:23	16°♄24'19	0°44'02	minimum elong		-4412 Sep 25 j 19:59	0°♄05'04	-0°09'09
minimum elong	-4413 Oct 12 j 12:22	16°♄27'47	0°43'40	transit middle		-4412 Sep 25 j 20:12	0°♄04'21	0°08'57
min. Earth dist.	-4413 Oct 12 j 18:19	16°♄07'15	0.67291 AU	transit begin		-4412 Sep 25 j 17:56	0°♄12'09	
morning rise	-4413 Oct 17 j 19:11	10°♄08'51		transit end		-4412 Sep 25 j 22:27	29°♄56'34	
direct	-4413 Oct 22 j 16:14	8°♄06'12		min. Earth dist.		-4412 Sep 25 j 14:45	0°♄23'07	0.67404 AU
morning max el	-4413 Nov 01 j 19:07	14°♄08'51	23°05'26			-4412 Sep 25 j 21:27	30°♄	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4412 Sep 26 j 06:42	29°Ω28'13		asc. node	-4411 Sep 13 j 03:52	9°Ω54'13	
morning rise	-4412 Oct 01 j 03:29	23°Ω52'29		morning rise	-4411 Sep 15 j 12:47	7°Ω41'36	
direct	-4412 Oct 05 j 10:28	22°Ω10'59		direct	-4411 Sep 19 j 07:26	6°Ω19'42	
morning max el	-4412 Oct 14 j 09:17	27°Ω29'37	21°41'35	morning max el	-4411 Sep 27 j 06:13	10°Ω58'24	20°26'38
	-4412 Oct 16 j 16:44	0°♐			-4411 Oct 11 j 14:49	0°♐	
	-4412 Nov 07 j 05:37	0°♑		morning set	-4411 Oct 25 j 02:14	20°♐27'50	
desc. node	-4412 Nov 08 j 01:22	1°♑15'20		desc. node	-4411 Oct 25 j 22:18	21°♐45'45	
morning set	-4412 Nov 15 j 02:11	12°♑12'45			-4411 Oct 31 j 04:20	0°♑	
max. Earth dist.	-4412 Nov 21 j 22:46	23°♑19'24	1.41793 AU	max. Earth dist.	-4411 Nov 04 j 07:09	6°♑34'10	1.43418 AU
	-4412 Nov 25 j 22:20	0°♒					
superior conj	-4412 Nov 29 j 11:19	6°♒05'31	-1°48'10	superior conj	-4411 Nov 10 j 06:08	16°♑17'09	-1°27'14
minimum elong	-4412 Nov 29 j 08:01	5°♒51'07	1°48'08	minimum elong	-4411 Nov 09 j 23:41	15°♑50'30	1°26'41
evening rise	-4412 Dec 10 j 07:00	25°♒32'12		evening rise	-4411 Nov 18 j 09:04	0°♒	
	-4412 Dec 12 j 17:29	0°♓			-4411 Nov 22 j 19:23	7°♒41'15	
asc. node	-4412 Dec 23 j 05:30	17°♓32'07		asc. node	-4411 Dec 06 j 05:35	0°♓	
evening max el	-4412 Dec 26 j 18:12	21°♓43'43	18°10'21	asc. node	-4411 Dec 10 j 02:37	4°♓46'43	
retrograde	-4411 Jan 02 j 15:08	25°♓13'22		evening max el	-4411 Dec 10 j 06:23	4°♓56'19	18°10'12
evening set	-4411 Jan 05 j 06:23	24°♓43'09		retrograde	-4411 Dec 16 j 20:01	8°♓25'33	
inferior conj	-4411 Jan 12 j 02:27	19°♓49'37	4°04'20	evening set	-4411 Dec 19 j 14:27	7°♓47'16	
minimum elong	-4411 Jan 12 j 02:13	19°♓50'11	4°04'08	inferior conj	-4411 Dec 25 j 23:19	2°♓32'39	3°53'25
min. Earth dist.	-4411 Jan 15 j 06:41	16°♓55'11	0.60787 AU	minimum elong	-4411 Dec 25 j 21:06	2°♓38'26	3°52'59
morning rise	-4411 Jan 18 j 20:37	14°♓09'05			-4411 Dec 28 j 09:52	30°♒♒	
direct	-4411 Jan 25 j 17:30	11°♓54'27		min. Earth dist.	-4411 Dec 28 j 15:08	29°♒46'42	0.62684 AU
desc. node	-4411 Feb 04 j 00:58	15°♓29'05		morning rise	-4410 Jan 01 j 02:58	26°♒39'26	
morning max el	-4411 Feb 08 j 20:08	19°♓34'26	27°27'32	direct	-4410 Jan 08 j 04:54	23°♒59'22	
	-4411 Feb 17 j 18:28	0°♈			-4410 Jan 20 j 05:53	0°♈	
	-4411 Mar 08 j 01:57	0°♈		desc. node	-4410 Jan 21 j 22:03	1°♈34'01	
morning set	-4411 Mar 12 j 17:03	9°♈14'55		morning max el	-4410 Jan 22 j 01:24	1°♈42'15	27°42'03
max. Earth dist.	-4411 Mar 19 j 01:07	22°♈45'04	1.32634 AU		-4410 Feb 11 j 22:51	0°♈	
				morning set	-4410 Feb 24 j 19:34	23°♈43'15	
superior conj	-4411 Mar 19 j 21:32	24°♈36'22	-0°13'36		-4410 Feb 27 j 20:48	0°♈	
minimum elong	-4411 Mar 19 j 22:09	24°♈39'43	0°13'36	max. Earth dist.	-4410 Mar 02 j 10:17	5°♈25'24	1.33012 AU
behind sun begin	-4411 Mar 19 j 19:34	24°♈25'40					
behind sun end	-4411 Mar 20 j 00:43	24°♈53'47		superior conj	-4410 Mar 04 j 07:12	9°♈26'55	-0°38'25
asc. node	-4411 Mar 21 j 04:55	27°♈27'48		minimum elong	-4410 Mar 04 j 08:54	9°♈36'04	0°38'16
	-4411 Mar 22 j 08:48	0°♉		asc. node	-4410 Mar 08 j 01:54	17°♈37'46	
evening rise	-4411 Mar 26 j 20:52	9°♉40'24		evening rise	-4410 Mar 11 j 08:30	24°♈37'34	
	-4411 Apr 06 j 10:31	0°♊			-4410 Mar 13 j 22:49	0°♉	
evening max el	-4411 Apr 22 j 20:17	22°♊11'19	25°21'36		-4410 Apr 01 j 15:22	0°♊	
desc. node	-4411 May 02 j 23:40	28°♊45'51		evening max el	-4410 Apr 04 j 12:29	2°♊59'52	23°52'03
retrograde	-4411 May 06 j 22:06	29°♊22'14		retrograde	-4410 Apr 18 j 05:45	9°♊50'37	
evening set	-4411 May 12 j 06:40	28°♊15'01		desc. node	-4410 Apr 19 j 20:49	9°♊44'39	
min. Earth dist.	-4411 May 17 j 08:45	25°♊25'05	0.57911 AU	evening set	-4410 Apr 22 j 06:38	9°♊14'37	
inferior conj	-4411 May 20 j 12:44	23°♊12'54	-3°53'16	min. Earth dist.	-4410 Apr 29 j 00:03	6°♊03'58	0.56278 AU
minimum elong	-4411 May 20 j 08:43	23°♊19'56	3°52'37	inferior conj	-4410 May 01 j 06:51	4°♊40'16	-2°53'10
morning rise	-4411 May 28 j 13:41	18°♊55'53		minimum elong	-4410 May 01 j 01:02	4°♊49'12	2°51'41
direct	-4411 May 31 j 01:09	18°♊37'00		morning rise	-4410 May 09 j 22:22	0°♊38'59	
morning max el	-4411 Jun 08 j 13:30	22°♊36'50	18°54'54	direct	-4410 May 12 j 09:39	0°♊23'13	
	-4411 Jun 14 j 13:18	0°♋		morning max el	-4410 May 22 j 09:19	5°♊01'36	19°53'36
asc. node	-4411 Jun 17 j 04:40	4°♋13'15		asc. node	-4410 Jun 04 j 01:41	23°♊19'50	
morning set	-4411 Jun 25 j 04:01	19°♋02'28			-4410 Jun 07 j 12:44	0°♋	
	-4411 Jun 30 j 18:01	0°♌		morning set	-4410 Jun 09 j 06:13	3°♋27'26	
superior conj	-4411 Jul 03 j 18:07	5°♌47'49	1°48'40				
minimum elong	-4411 Jul 03 j 17:24	5°♌44'24	1°48'50	superior conj	-4410 Jun 17 j 04:38	19°♋30'15	1°41'23
max. Earth dist.	-4411 Jul 10 j 12:00	18°♌17'38	1.38819 AU	minimum elong	-4410 Jun 17 j 02:30	19°♋19'37	1°41'23
evening rise	-4411 Jul 14 j 11:06	25°♌15'38		max. Earth dist.	-4410 Jun 22 j 15:33	0°♌06'53	1.36961 AU
	-4411 Jul 17 j 06:01	0°♍			-4410 Jun 22 j 14:06	0°♌	
desc. node	-4411 Jul 29 j 22:30	20°♍00'00		evening rise	-4410 Jun 26 j 14:05	7°♌24'44	
	-4411 Aug 05 j 22:50	0°♎			-4410 Jul 10 j 01:17	0°♍	
evening max el	-4411 Aug 19 j 00:56	15°♎51'21	24°24'33	desc. node	-4410 Jul 16 j 19:33	10°♍02'37	
retrograde	-4411 Aug 30 j 06:21	22°♎26'13		evening max el	-4410 Aug 01 j 11:35	29°♍21'52	25°38'41
evening set	-4411 Sep 04 j 17:47	20°♎06'15			-4410 Aug 02 j 03:22	0°♎	
min. Earth dist.	-4411 Sep 09 j 10:11	14°♎40'49	0.67222 AU	retrograde	-4410 Aug 13 j 16:02	6°♎23'17	
inferior conj	-4411 Sep 10 j 01:51	13°♎48'05	-1°02'24	evening set	-4410 Aug 19 j 18:28	3°♎46'40	
minimum elong	-4411 Sep 10 j 03:18	13°♎43'13	1°01'38		-4410 Aug 23 j 06:35	30°♒♑	
				min. Earth dist.	-4410 Aug 24 j 02:08	28°♑58'25	0.66715 AU
				inferior conj	-4410 Aug 25 j 05:12	27°♑31'20	-1°54'00

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4410 Aug 25 j 07:47	27° Ω 23'04	1°52'50	asc. node	-4409 Aug 17 j 22:06	4° Ω 36'06	
morning rise	-4410 Aug 30 j 21:11	21° Ω 34'12		direct	-4409 Aug 18 j 03:08	4° Ω 35'51	
asc. node	-4410 Aug 31 j 01:00	21° Ω 28'12		morning max el	-4409 Aug 24 j 20:29	8° Ω 20'00	18°38'13
direct	-4410 Sep 03 j 05:37	20° Ω 29'10			-4409 Sep 08 j 22:31	0° Ω	
morning max el	-4410 Sep 10 j 10:24	24° Ω 36'08	19°24'44	morning set	-4409 Sep 14 j 06:56	8° Ω 37'22	
	-4410 Sep 14 j 23:16	0° Ω			-4409 Sep 27 j 16:43	0° Ω	
morning set	-4410 Oct 04 j 05:33	28° Ω 59'25					
	-4410 Oct 04 j 21:04	0° Ω		superior conj	-4409 Sep 29 j 21:52	3° Ω 29'38	-0°01'32
desc. node	-4410 Oct 12 j 19:13	12° Ω 24'13		minimum elong	-4409 Sep 29 j 21:42	3° Ω 28'56	0°01'24
max. Earth dist.	-4410 Oct 17 j 21:57	20° Ω 27'57	1.44464 AU	behind sun begin	-4409 Sep 29 j 10:19	2° Ω 44'06	
				behind sun end	-4409 Sep 30 j 09:04	4° Ω 13'45	
superior conj	-4410 Oct 20 j 21:56	25° Ω 13'50	-0°49'52	desc. node	-4409 Sep 29 j 16:07	3° Ω 06'56	
minimum elong	-4410 Oct 20 j 16:07	24° Ω 50'41	0°49'07	max. Earth dist.	-4409 Sep 30 j 15:34	4° Ω 39'24	1.44814 AU
	-4410 Oct 23 j 21:28	0° Ω		evening rise	-4409 Oct 16 j 02:13	29° Ω 03'25	
evening rise	-4410 Nov 04 j 11:08	18° Ω 54'35			-4409 Oct 16 j 16:27	0° Ω	
	-4410 Nov 11 j 03:27	0° Ω			-4409 Nov 05 j 16:13	0° Ω	
evening max el	-4410 Nov 23 j 19:00	18° Ω 17'47	18°28'42	evening max el	-4409 Nov 07 j 05:26	1° Ω 42'50	19°04'43
asc. node	-4410 Nov 26 j 23:45	20° Ω 55'05		asc. node	-4409 Nov 13 j 20:54	5° Ω 40'53	
retrograde	-4410 Nov 30 j 09:42	21° Ω 57'17		retrograde	-4409 Nov 14 j 04:26	5° Ω 41'27	
evening set	-4410 Dec 03 j 08:27	21° Ω 09'29		evening set	-4409 Nov 17 j 09:18	4° Ω 42'08	
inferior conj	-4410 Dec 09 j 08:32	15° Ω 36'13	3°26'27		-4409 Nov 22 j 05:10	30° Ω	
minimum elong	-4410 Dec 09 j 05:25	15° Ω 45'12	3°25'38	inferior conj	-4409 Nov 23 j 02:39	28° Ω 53'17	2°48'40
min. Earth dist.	-4410 Dec 11 j 09:42	13° Ω 14'08	0.64301 AU	minimum elong	-4409 Nov 22 j 23:31	29° Ω 03'06	2°47'38
morning rise	-4410 Dec 15 j 01:56	9° Ω 33'23		min. Earth dist.	-4409 Nov 24 j 13:44	27° Ω 03'29	0.65575 AU
direct	-4410 Dec 21 j 23:24	6° Ω 42'50		morning rise	-4409 Nov 28 j 13:24	22° Ω 43'29	
morning max el	-4409 Jan 04 j 10:23	14° Ω 23'42	27°21'22	direct	-4409 Dec 05 j 00:21	19° Ω 55'58	
desc. node	-4409 Jan 08 j 19:04	19° Ω 06'18		morning max el	-4409 Dec 17 j 20:10	27° Ω 25'22	26°30'50
	-4409 Jan 17 j 05:11	0° Ω			-4409 Dec 20 j 07:08	0° Ω	
	-4409 Feb 04 j 13:05	0° Ω		desc. node	-4409 Dec 26 j 16:03	7° Ω 39'35	
morning set	-4409 Feb 08 j 14:00	7° Ω 43'06			-4408 Jan 10 j 21:06	0° Ω	
max. Earth dist.	-4409 Feb 13 j 11:44	17° Ω 37'01	1.33786 AU	morning set	-4408 Jan 22 j 20:36	21° Ω 02'08	
				max. Earth dist.	-4408 Jan 27 j 01:57	29° Ω 11'55	1.34994 AU
					-4408 Jan 27 j 11:39	0° Ω	
superior conj	-4409 Feb 16 j 13:13	24° Ω 02'02	-1°02'10				
minimum elong	-4409 Feb 16 j 15:48	24° Ω 15'42	1°01'55				
	-4409 Feb 19 j 08:28	0° Ω		superior conj	-4408 Jan 31 j 13:17	8° Ω 14'04	-1°23'33
asc. node	-4409 Feb 22 j 22:54	7° Ω 39'38		minimum elong	-4408 Jan 31 j 16:21	8° Ω 29'49	1°23'21
evening rise	-4409 Feb 23 j 19:32	9° Ω 27'55		evening rise	-4408 Feb 08 j 04:07	24° Ω 04'37	
	-4409 Mar 06 j 16:07	0° Ω		asc. node	-4408 Feb 09 j 19:56	27° Ω 28'12	
evening max el	-4409 Mar 17 j 06:22	13° Ω 44'51	22°17'58		-4408 Feb 11 j 02:09	0° Ω	
retrograde	-4409 Mar 30 j 01:31	19° Ω 58'29		evening max el	-4408 Feb 27 j 07:57	24° Ω 52'04	20°51'59
evening set	-4409 Apr 01 j 23:46	19° Ω 39'34			-4408 Mar 07 j 04:05	0° Ω	
desc. node	-4409 Apr 06 j 17:58	17° Ω 58'11		retrograde	-4408 Mar 09 j 15:20	0° Ω 15'06	
min. Earth dist.	-4409 Apr 10 j 14:06	15° Ω 55'35	0.55326 AU	evening set	-4408 Mar 12 j 00:36	0° Ω 01'38	
inferior conj	-4409 Apr 11 j 08:12	15° Ω 29'57	-1°15'12		-4408 Mar 12 j 04:01	30° Ω	
minimum elong	-4409 Apr 11 j 04:49	15° Ω 34'45	1°14'09	inferior conj	-4408 Mar 21 j 03:36	26° Ω 03'34	0°40'54
morning rise	-4409 Apr 20 j 11:26	11° Ω 32'02		minimum elong	-4408 Mar 21 j 05:27	26° Ω 00'55	0°40'09
direct	-4409 Apr 23 j 02:11	11° Ω 16'29		min. Earth dist.	-4408 Mar 22 j 04:23	25° Ω 28'00	0.55271 AU
morning max el	-4409 May 04 j 18:28	16° Ω 45'44	21°11'37	desc. node	-4408 Mar 23 j 15:05	24° Ω 39'11	
	-4409 May 14 j 22:24	0° Ω		morning rise	-4408 Mar 30 j 09:23	21° Ω 50'43	
asc. node	-4409 May 21 j 22:39	12° Ω 51'43		direct	-4408 Apr 02 j 14:14	21° Ω 28'21	
morning set	-4409 May 24 j 13:43	18° Ω 11'11		morning max el	-4408 Apr 15 j 17:18	27° Ω 50'22	22°44'38
	-4409 May 30 j 05:52	0° Ω			-4408 Apr 17 j 20:31	0° Ω	
					-4408 May 06 j 12:10	0° Ω	
superior conj	-4409 Jun 01 j 01:26	3° Ω 45'52	1°27'51	asc. node	-4408 May 07 j 19:37	2° Ω 42'15	
minimum elong	-4409 May 31 j 22:45	3° Ω 32'00	1°27'39	morning set	-4408 May 08 j 00:27	3° Ω 07'28	
max. Earth dist.	-4409 Jun 05 j 02:09	11° Ω 56'57	1.35370 AU				
evening rise	-4409 Jun 09 j 12:11	20° Ω 32'33		superior conj	-4408 May 15 j 05:17	18° Ω 24'41	1°09'51
	-4409 Jun 14 j 15:57	0° Ω		minimum elong	-4408 May 15 j 02:42	18° Ω 11'02	1°09'30
desc. node	-4409 Jul 03 j 16:38	29° Ω 38'59		max. Earth dist.	-4408 May 17 j 22:37	24° Ω 08'07	1.34139 AU
	-4409 Jul 03 j 22:55	0° Ω			-4408 May 20 j 19:14	0° Ω	
evening max el	-4409 Jul 14 j 22:33	12° Ω 50'38	26°38'21	evening rise	-4408 May 23 j 00:18	4° Ω 24'35	
retrograde	-4409 Jul 27 j 20:56	20° Ω 08'25			-4408 Jun 06 j 09:40	0° Ω	
evening set	-4409 Aug 03 j 12:34	17° Ω 21'31		desc. node	-4408 Jun 19 j 13:42	18° Ω 37'56	
min. Earth dist.	-4409 Aug 07 j 12:17	13° Ω 11'46	0.65850 AU	evening max el	-4408 Jun 26 j 09:45	26° Ω 09'37	27°15'51
inferior conj	-4409 Aug 09 j 04:03	11° Ω 11'56	-2°42'06		-4408 Jun 30 j 21:55	0° Ω	
minimum elong	-4409 Aug 09 j 07:28	11° Ω 01'39	2°40'48	retrograde	-4408 Jul 09 j 20:35	3° Ω 34'05	
morning rise	-4409 Aug 15 j 02:40	5° Ω 27'12		evening set	-4408 Jul 16 j 21:24	0° Ω 47'15	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4408 Jul 17 j 19:55	30° $\text{R}\Pi$		min. Earth dist.	-4407 Jul 03 j 07:30	10° Π 54'11	0.62989 AU
min. Earth dist.	-4408 Jul 20 j 14:37	27° Π 14'15	0.64603 AU	inferior conj	-4407 Jul 06 j 02:45	8° Π 07'32	-3°57'00
inferior conj	-4408 Jul 22 j 20:10	24° Π 46'17	-3°24'15	minimum elong	-4407 Jul 06 j 05:48	7° Π 59'55	3°56'21
minimum elong	-4408 Jul 22 j 23:52	24° Π 36'04	3°23'09	morning rise	-4407 Jul 12 j 19:13	2° Π 56'29	
morning rise	-4408 Jul 29 j 02:57	19° Π 16'56		direct	-4407 Jul 15 j 10:27	2° Π 23'41	
direct	-4408 Jul 31 j 21:44	18° Π 36'09		asc. node	-4407 Jul 21 j 16:11	5° Π 26'33	
asc. node	-4408 Aug 03 j 19:09	19° Π 19'50		morning max el	-4407 Jul 22 j 00:59	5° Π 47'46	17°56'48
morning max el	-4408 Aug 07 j 10:13	22° Π 06'01	18°08'35		-4407 Aug 06 j 17:46	0° S	
	-4408 Aug 13 j 13:17	0° S		morning set	-4407 Aug 07 j 16:18	1° S 39'28	
morning set	-4408 Aug 25 j 11:45	19° S 34'34					
	-4408 Aug 31 j 17:30	0° Ω		superior conj	-4407 Aug 19 j 10:35	21° S 59'21	1°20'58
				minimum elong	-4407 Aug 19 j 16:12	22° S 22'51	1°20'37
superior conj	-4408 Sep 08 j 04:24	12° Ω 09'17	0°45'33		-4407 Aug 24 j 06:50	0° Ω	
minimum elong	-4408 Sep 08 j 09:24	12° Ω 29'22	0°45'05	max. Earth dist.	-4407 Aug 25 j 23:19	2° Ω 44'24	1.43398 AU
max. Earth dist.	-4408 Sep 12 j 08:52	18° Ω 50'29	1.44441 AU	desc. node	-4407 Sep 02 j 10:03	14° Ω 34'08	
desc. node	-4408 Sep 15 j 13:05	23° Ω 51'32		evening rise	-4407 Sep 03 j 21:37	16° Ω 52'38	
	-4408 Sep 19 j 11:07	0° M			-4407 Sep 12 j 11:48	0° M	
evening rise	-4408 Sep 24 j 17:48	8° M 12'33		evening max el	-4407 Oct 03 j 12:03	28° M 35'38	21°02'14
greatest brilliancy	-4408 Oct 07 j 22:51	28° M 25'02	-0.7m		-4407 Oct 04 j 22:50	0° A	
	-4408 Oct 09 j 00:24	0° A		retrograde	-4407 Oct 11 j 22:16	3° A 34'39	
evening max el	-4408 Oct 20 j 11:38	15° A 09'25	19°56'39	evening set	-4407 Oct 15 j 22:06	2° A 04'17	
retrograde	-4408 Oct 28 j 01:20	19° A 34'51		asc. node	-4407 Oct 17 j 15:08	0° A 30'46	
asc. node	-4408 Oct 30 j 18:01	18° A 52'38			-4407 Oct 18 j 02:26	30° RM	
evening set	-4408 Oct 31 j 14:33	18° A 21'22		inferior conj	-4407 Oct 21 j 07:16	25° M 54'00	1°13'58
inferior conj	-4408 Nov 06 j 02:59	12° A 20'11	2°03'39	minimum elong	-4407 Oct 21 j 05:37	25° M 59'38	1°13'19
minimum elong	-4408 Nov 06 j 00:24	12° A 28'44	2°02'40	min. Earth dist.	-4407 Oct 21 j 18:18	25° M 16'17	0.67098 AU
min. Earth dist.	-4408 Nov 07 j 01:23	11° A 06'06	0.66504 AU	morning rise	-4407 Oct 26 j 12:56	19° M 38'25	
morning rise	-4408 Nov 11 j 10:01	6° A 06'07		direct	-4407 Oct 31 j 18:48	17° M 23'24	
direct	-4408 Nov 17 j 07:03	3° A 31'47		morning max el	-4407 Nov 11 j 13:51	23° M 50'03	23°55'07
morning max el	-4408 Nov 29 j 05:05	10° A 35'58	25°18'48		-4407 Nov 17 j 01:26	0° A	
desc. node	-4408 Dec 12 j 13:02	26° A 56'13		desc. node	-4407 Nov 29 j 10:01	16° A 43'48	
	-4408 Dec 14 j 17:07	0° M			-4407 Dec 08 j 03:41	0° M	
	-4407 Jan 02 j 12:15	0° A		morning set	-4407 Dec 17 j 01:37	14° M 38'45	
morning set	-4407 Jan 04 j 10:28	3° A 25'58		max. Earth dist.	-4407 Dec 21 j 00:53	21° M 33'42	1.38618 AU
max. Earth dist.	-4407 Jan 08 j 04:34	10° A 19'53	1.36641 AU		-4407 Dec 25 j 16:34	0° A	
				superior conj	-4407 Dec 28 j 07:29	4° A 54'31	-1°51'45
superior conj	-4407 Jan 14 j 04:36	21° A 54'52	-1°40'52	minimum elong	-4407 Dec 28 j 08:58	5° A 01'32	1°51'53
minimum elong	-4407 Jan 14 j 07:25	22° A 08'51	1°40'49	evening rise	-4406 Jan 06 j 05:39	22° A 13'14	
	-4407 Jan 18 j 05:17	0° S			-4406 Jan 10 j 06:28	0° S	
evening rise	-4407 Jan 22 j 08:16	8° S 21'40		asc. node	-4406 Jan 13 j 14:01	6° S 02'30	
asc. node	-4407 Jan 26 j 16:58	16° S 57'58		evening max el	-4406 Jan 22 j 18:02	18° S 50'43	18°50'24
	-4407 Feb 03 j 08:49	0° \approx		retrograde	-4406 Jan 30 j 22:42	22° S 47'32	
evening max el	-4407 Feb 08 j 20:01	6° \approx 34'01	19°41'40	evening set	-4406 Feb 02 j 09:31	22° S 27'47	
retrograde	-4407 Feb 18 j 10:49	11° \approx 07'27		inferior conj	-4406 Feb 10 j 04:36	18° S 07'32	3°30'06
evening set	-4407 Feb 20 j 18:54	10° \approx 52'32		minimum elong	-4406 Feb 10 j 08:43	18° S 00'00	3°29'11
inferior conj	-4407 Mar 01 j 07:08	6° \approx 49'13	2°23'02	min. Earth dist.	-4406 Feb 13 j 10:42	15° S 45'58	0.57693 AU
minimum elong	-4407 Mar 01 j 12:06	6° \approx 41'21	2°21'28	morning rise	-4406 Feb 18 j 05:26	12° S 58'41	
min. Earth dist.	-4407 Mar 03 j 18:56	5° \approx 15'04	0.56130 AU	direct	-4406 Feb 23 j 18:54	11° S 43'57	
morning rise	-4407 Mar 10 j 02:49	2° \approx 08'46		desc. node	-4406 Feb 25 j 09:20	11° S 50'11	
desc. node	-4407 Mar 10 j 12:13	2° \approx 01'40		morning max el	-4406 Mar 10 j 00:33	19° S 07'58	25°54'38
direct	-4407 Mar 14 j 10:18	1° \approx 27'03			-4406 Mar 19 j 04:30	0° \approx	
morning max el	-4407 Mar 28 j 09:16	8° \approx 28'46	24°23'34		-4406 Apr 05 j 11:34	0° H	
	-4407 Apr 13 j 03:44	0° H		morning set	-4406 Apr 07 j 00:31	3° H 11'47	
morning set	-4407 Apr 22 j 12:36	18° H 09'36		asc. node	-4406 Apr 11 j 13:33	12° H 56'14	
asc. node	-4407 Apr 24 j 16:33	22° H 45'17					
	-4407 Apr 28 j 01:06	0° Y		superior conj	-4406 Apr 14 j 00:37	18° H 18'37	0°25'22
superior conj	-4407 Apr 29 j 13:39	3° Y 17'50	0°48'40	minimum elong	-4406 Apr 13 j 23:31	18° H 12'37	0°25'05
minimum elong	-4407 Apr 29 j 11:40	3° Y 07'05	0°48'18	max. Earth dist.	-4406 Apr 14 j 15:37	19° H 40'31	1.32768 AU
max. Earth dist.	-4407 May 01 j 04:07	6° Y 44'58	1.33279 AU		-4406 Apr 19 j 10:44	0° Y	
evening rise	-4407 May 06 j 22:17	18° Y 47'20		evening rise	-4406 Apr 21 j 03:01	3° Y 30'29	
	-4407 May 12 j 16:42	0° B			-4406 May 05 j 12:24	0° B	
	-4407 May 31 j 17:42	0° Π		evening max el	-4406 May 22 j 00:58	21° B 27'49	27°00'53
desc. node	-4407 Jun 06 j 10:49	6° Π 42'53		desc. node	-4406 May 24 j 07:55	23° B 31'10	
evening max el	-4407 Jun 08 j 19:26	9° Π 06'06	27°24'39	retrograde	-4406 Jun 05 j 00:28	28° B 49'14	
retrograde	-4407 Jun 22 j 14:08	16° Π 30'23		evening set	-4406 Jun 11 j 20:37	26° B 42'44	
evening set	-4407 Jun 29 j 17:25	13° Π 56'55		min. Earth dist.	-4406 Jun 15 j 14:29	23° B 58'05	0.61081 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

inferior conj	-4406 Jun 18 j 20:29	21° ♁ 08'11	-4°14'58	evening set	-4405 May 24 j 03:18	8° ♁ 54'06	
minimum elong	-4406 Jun 18 j 21:37	21° ♁ 05'41	4°14'45	min. Earth dist.	-4405 May 28 j 12:54	6° ♁ 10'58	0.59035 AU
morning rise	-4406 Jun 26 j 00:18	16° ♁ 17'59		inferior conj	-4405 May 31 j 21:41	3° ♁ 38'26	-4°10'14
direct	-4406 Jun 28 j 13:36	15° ♁ 51'24		minimum elong	-4405 May 31 j 19:38	3° ♁ 42'20	4°09'58
morning max el	-4406 Jul 05 j 14:07	19° ♁ 19'17	18°03'47		-4405 Jun 06 j 10:47	30° ♁ 7'	
asc. node	-4406 Jul 08 j 13:14	22° ♁ 41'04		morning rise	-4405 Jun 08 j 14:32	29° ♁ 10'14	
	-4406 Jul 13 j 10:42	0° ♁		direct	-4405 Jun 11 j 02:39	28° ♁ 48'49	
morning set	-4406 Jul 21 j 15:09	14° ♁ 37'38			-4405 Jun 15 j 12:52	0° ♁	
	-4406 Jul 30 j 01:11	0° ♁		morning max el	-4405 Jun 18 j 22:48	2° ♁ 32'38	18°30'30
				asc. node	-4405 Jun 25 j 10:17	10° ♁ 48'37	
superior conj	-4406 Jul 31 j 20:20	3° ♁ 11'33	1°41'37	morning set	-4405 Jul 05 j 03:30	28° ♁ 17'00	
minimum elong	-4406 Jul 31 j 23:36	3° ♁ 25'56	1°41'38		-4405 Jul 06 j 00:55	0° ♁	
max. Earth dist.	-4406 Aug 08 j 08:41	16° ♁ 05'05	1.41824 AU				
evening rise	-4406 Aug 14 j 09:44	25° ♁ 57'12		superior conj	-4405 Jul 14 j 05:31	15° ♁ 35'04	1°49'09
	-4406 Aug 16 j 22:58	0° ♁		minimum elong	-4405 Jul 14 j 06:04	15° ♁ 37'33	1°49'20
desc. node	-4406 Aug 20 j 07:01	5° ♁ 11'26		max. Earth dist.	-4405 Jul 21 j 12:24	28° ♁ 41'54	1.39936 AU
	-4406 Sep 06 j 08:24	0° ♁			-4405 Jul 22 j 06:24	0° ♁	
evening max el	-4406 Sep 16 j 06:14	12° ♁ 00'43	22°17'53	evening rise	-4405 Jul 25 j 21:02	6° ♁ 08'32	
retrograde	-4406 Sep 25 j 17:30	17° ♁ 38'06		desc. node	-4405 Aug 07 j 04:00	25° ♁ 39'38	
evening set	-4406 Sep 30 j 06:05	15° ♁ 48'38			-4405 Aug 10 j 02:01	0° ♁	
asc. node	-4406 Oct 04 j 12:17	10° ♁ 59'13		evening max el	-4405 Aug 29 j 19:26	25° ♁ 26'29	23°38'28
inferior conj	-4406 Oct 05 j 13:31	9° ♁ 32'33	0°21'33		-4405 Sep 04 j 07:22	0° ♁	
minimum elong	-4406 Oct 05 j 13:01	9° ♁ 34'17	0°21'25	retrograde	-4405 Sep 09 j 09:51	1° ♁ 42'24	
min. Earth dist.	-4406 Oct 05 j 14:04	9° ♁ 30'39	0.67381 AU		-4405 Sep 13 j 23:26	30° ♁ 0'	
morning rise	-4406 Oct 10 j 19:51	3° ♁ 18'13		evening set	-4405 Sep 14 j 12:41	29° ♁ 33'09	
direct	-4406 Oct 15 j 10:47	1° ♁ 24'44		inferior conj	-4405 Sep 19 j 20:02	23° ♁ 14'33	-0°31'50
morning max el	-4406 Oct 25 j 01:16	7° ♁ 07'52	22°29'03	minimum elong	-4405 Sep 19 j 20:46	23° ♁ 12'02	0°31'23
	-4406 Nov 11 j 15:41	0° ♁		min. Earth dist.	-4405 Sep 19 j 10:20	23° ♁ 47'44	0.67365 AU
desc. node	-4406 Nov 16 j 06:58	6° ♁ 52'47		asc. node	-4405 Sep 21 j 09:26	21° ♁ 08'51	
morning set	-4406 Nov 27 j 12:47	24° ♁ 28'27		morning rise	-4405 Sep 25 j 04:48	17° ♁ 04'21	
	-4406 Nov 30 j 21:23	0° ♁		direct	-4405 Sep 29 j 06:12	15° ♁ 31'44	
max. Earth dist.	-4406 Dec 02 j 22:43	3° ♁ 27'09	1.40683 AU	morning max el	-4405 Oct 07 j 18:18	20° ♁ 32'37	21°08'21
					-4405 Oct 15 j 13:33	0° ♁	
superior conj	-4406 Dec 10 j 16:56	16° ♁ 59'10	-1°53'07	desc. node	-4405 Nov 03 j 03:54	27° ♁ 16'54	
minimum elong	-4406 Dec 10 j 15:42	16° ♁ 53'36	1°53'15		-4405 Nov 04 j 22:05	0° ♁	
	-4406 Dec 17 j 18:44	0° ♁		morning set	-4405 Nov 06 j 21:45	3° ♁ 05'51	
evening rise	-4406 Dec 20 j 17:18	5° ♁ 31'30		max. Earth dist.	-4405 Nov 15 j 02:47	16° ♁ 13'01	1.42541 AU
asc. node	-4406 Dec 31 j 11:07	24° ♁ 32'52					
	-4405 Jan 04 j 12:04	0° ♁		superior conj	-4405 Nov 22 j 03:14	27° ♁ 54'58	-1°41'19
evening max el	-4405 Jan 05 j 23:41	1° ♁ 34'42	18°19'10	minimum elong	-4405 Nov 21 j 22:23	27° ♁ 34'20	1°41'04
retrograde	-4405 Jan 13 j 05:13	5° ♁ 10'30			-4405 Nov 23 j 08:30	0° ♁	
evening set	-4405 Jan 15 j 18:48	4° ♁ 44'26		evening rise	-4405 Dec 03 j 15:28	18° ♁ 08'34	
inferior conj	-4405 Jan 22 j 22:27	0° ♁ 03'01	4°00'29		-4405 Dec 10 j 07:30	0° ♁	
minimum elong	-4405 Jan 22 j 23:47	0° ♁ 00'11	4°00'12	asc. node	-4405 Dec 18 j 08:13	12° ♁ 18'42	
	-4405 Jan 22 j 23:52	30° ♁ 7'		evening max el	-4405 Dec 20 j 10:16	14° ♁ 38'45	18°07'53
min. Earth dist.	-4405 Jan 26 j 06:36	27° ♁ 13'50	0.59630 AU	retrograde	-4405 Dec 27 j 03:10	18° ♁ 07'12	
morning rise	-4405 Jan 30 j 02:55	24° ♁ 31'49		evening set	-4405 Dec 29 j 19:33	17° ♁ 33'49	
direct	-4405 Feb 05 j 15:24	22° ♁ 38'00		inferior conj	-4404 Jan 05 j 10:32	12° ♁ 31'05	4°02'05
desc. node	-4405 Feb 12 j 06:27	24° ♁ 26'58		minimum elong	-4404 Jan 05 j 09:19	12° ♁ 34'02	4°01'49
	-4405 Feb 19 j 14:47	0° ♁		min. Earth dist.	-4404 Jan 08 j 10:01	9° ♁ 37'40	0.61617 AU
morning max el	-4405 Feb 19 j 20:32	0° ♁ 13'52	27°02'59	morning rise	-4404 Jan 11 j 21:56	6° ♁ 44'17	
	-4405 Mar 13 j 02:00	0° ♁		direct	-4404 Jan 18 j 22:06	4° ♁ 17'05	
morning set	-4405 Mar 22 j 10:24	18° ♁ 06'31		desc. node	-4404 Jan 30 j 03:34	9° ♁ 26'23	
	-4405 Mar 27 j 23:49	0° ♁		morning max el	-4404 Feb 01 j 22:53	11° ♁ 59'31	27°38'11
max. Earth dist.	-4405 Mar 29 j 05:12	2° ♁ 40'33	1.32585 AU		-4404 Feb 16 j 05:55	0° ♁	
asc. node	-4405 Mar 29 j 10:33	3° ♁ 09'48			-4404 Mar 04 j 07:24	0° ♁	
				morning set	-4404 Mar 05 j 16:17	2° ♁ 46'46	
superior conj	-4405 Mar 29 j 12:23	3° ♁ 19'54	0°00'48	max. Earth dist.	-4404 Mar 11 j 16:59	15° ♁ 31'21	1.32746 AU
minimum elong	-4405 Mar 29 j 12:21	3° ♁ 19'43	0°00'41				
behind sun begin	-4405 Mar 29 j 07:22	2° ♁ 52'23		superior conj	-4404 Mar 12 j 23:19	18° ♁ 15'56	-0°24'12
behind sun end	-4405 Mar 29 j 17:21	3° ♁ 47'03		minimum elong	-4404 Mar 13 j 00:24	18° ♁ 21'49	0°24'08
evening rise	-4405 Apr 05 j 11:58	18° ♁ 24'20		asc. node	-4404 Mar 15 j 07:33	23° ♁ 22'11	
	-4405 Apr 11 j 06:39	0° ♁			-4404 Mar 18 j 09:08	0° ♁	
	-4405 Apr 30 j 23:56	0° ♁		evening rise	-4404 Mar 19 j 23:08	3° ♁ 21'50	
evening max el	-4405 May 04 j 00:15	3° ♁ 06'46	26°05'22		-4404 Apr 03 j 10:37	0° ♁	
desc. node	-4405 May 11 j 05:03	8° ♁ 31'28		evening max el	-4404 Apr 14 j 17:54	14° ♁ 08'09	24°44'54
retrograde	-4405 May 18 j 02:22	10° ♁ 23'45		desc. node	-4404 Apr 27 j 02:13	21° ♁ 06'55	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

retrograde	-4404 Apr 28 j 17:46	21° Υ 13'15			-4403 Apr 03 j 13:06	0° Υ	
evening set	-4404 May 03 j 12:54	20° Υ 20'45		retrograde	-4403 Apr 09 j 20:17	1° Υ 29'43	
min. Earth dist.	-4404 May 09 j 06:04	17° Υ 23'15	0.57145 AU	evening set	-4403 Apr 13 j 08:11	1° Υ 02'59	
inferior conj	-4404 May 12 j 03:17	15° Υ 29'39	-3°32'45	desc. node	-4403 Apr 13 j 23:23	0° Υ 52'41	
minimum elong	-4404 May 11 j 22:08	15° Υ 38'11	3°31'42		-4403 Apr 16 j 09:14	30° \Re \mathfrak{H}	
morning rise	-4404 May 20 j 10:32	11° Υ 20'38		min. Earth dist.	-4403 Apr 20 j 21:01	27° \mathfrak{H} 39'45	0.55766 AU
direct	-4404 May 22 j 21:34	11° Υ 03'27		inferior conj	-4403 Apr 22 j 13:32	26° \mathfrak{H} 40'16	-2°15'40
morning max el	-4404 Jun 01 j 00:07	15° Υ 17'57	19°17'30	minimum elong	-4403 Apr 22 j 08:11	26° \mathfrak{H} 48'08	2°14'06
asc. node	-4404 Jun 11 j 07:18	29° Υ 36'26		morning rise	-4403 May 01 j 10:38	22° \mathfrak{H} 41'58	
	-4404 Jun 11 j 12:37	0° \mathfrak{B}		direct	-4403 May 03 j 22:24	22° \mathfrak{H} 26'53	
morning set	-4404 Jun 18 j 01:30	12° \mathfrak{B} 27'16		morning max el	-4403 May 14 j 15:34	27° \mathfrak{H} 26'30	20°24'34
					-4403 May 17 j 02:56	0° Υ	
superior conj	-4404 Jun 26 j 08:15	28° \mathfrak{B} 52'49	1°46'28	asc. node	-4403 May 29 j 04:17	18° Υ 54'54	
minimum elong	-4404 Jun 26 j 06:49	28° \mathfrak{B} 45'51	1°46'36	morning set	-4403 Jun 02 j 06:15	27° Υ 01'14	
	-4404 Jun 26 j 22:05	0° \mathfrak{H}			-4403 Jun 03 j 17:13	0° \mathfrak{B}	
max. Earth dist.	-4404 Jul 02 j 13:49	10° \mathfrak{H} 40'17	1.37997 AU				
evening rise	-4404 Jul 06 j 10:34	17° \mathfrak{H} 37'09		superior conj	-4403 Jun 09 j 23:36	12° \mathfrak{B} 50'54	1°36'17
	-4404 Jul 13 j 17:57	0° \mathfrak{E}		minimum elong	-4403 Jun 09 j 21:08	12° \mathfrak{B} 38'26	1°36'13
desc. node	-4404 Jul 24 j 01:00	15° \mathfrak{E} 53'21		max. Earth dist.	-4403 Jun 14 j 19:37	22° \mathfrak{B} 26'15	1.36243 AU
	-4404 Aug 03 j 09:34	0° \mathfrak{Q}		evening rise	-4403 Jun 18 j 22:26	0° \mathfrak{H} 13'48	
evening max el	-4404 Aug 11 j 06:13	8° \mathfrak{Q} 55'06	24°57'20		-4403 Jun 18 j 19:26	0° \mathfrak{H}	
retrograde	-4404 Aug 22 j 22:17	15° \mathfrak{Q} 43'19			-4403 Jul 06 j 21:27	0° \mathfrak{E}	
evening set	-4404 Aug 28 j 16:05	13° \mathfrak{Q} 15'42		desc. node	-4403 Jul 10 j 22:03	5° \mathfrak{E} 46'02	
min. Earth dist.	-4404 Sep 02 j 04:38	8° \mathfrak{Q} 05'40	0.67044 AU	evening max el	-4403 Jul 24 j 17:04	22° \mathfrak{E} 26'25	26°06'21
inferior conj	-4404 Sep 03 j 01:03	6° \mathfrak{Q} 58'05	-1°24'35	retrograde	-4403 Aug 06 j 06:03	29° \mathfrak{E} 36'05	
minimum elong	-4404 Sep 03 j 03:00	6° \mathfrak{Q} 51'38	1°23'38	evening set	-4403 Aug 12 j 14:16	26° \mathfrak{E} 54'26	
asc. node	-4404 Sep 07 j 06:33	1° \mathfrak{Q} 58'37		min. Earth dist.	-4403 Aug 16 j 18:32	22° \mathfrak{E} 22'11	0.66392 AU
morning rise	-4404 Sep 08 j 13:56	0° \mathfrak{Q} 55'03		inferior conj	-4403 Aug 18 j 02:45	20° \mathfrak{E} 41'05	-2°14'56
	-4404 Sep 10 j 07:57	30° \mathfrak{R} \mathfrak{E}		minimum elong	-4403 Aug 18 j 05:44	20° \mathfrak{E} 31'44	2°13'41
direct	-4404 Sep 12 j 03:51	29° \mathfrak{E} 40'50		morning rise	-4403 Aug 23 j 21:21	14° \mathfrak{E} 48'31	
	-4404 Sep 14 j 01:12	0° \mathfrak{Q}		asc. node	-4403 Aug 25 j 03:39	14° \mathfrak{E} 11'11	
morning max el	-4404 Sep 19 j 18:24	4° \mathfrak{Q} 05'28	19°58'28	direct	-4403 Aug 27 j 02:07	13° \mathfrak{E} 49'37	
	-4404 Oct 08 j 11:35	0° \mathfrak{P}		morning max el	-4403 Sep 03 j 01:13	17° \mathfrak{E} 45'57	19°02'52
morning set	-4404 Oct 15 j 20:06	11° \mathfrak{P} 19'06			-4403 Sep 12 j 07:40	0° \mathfrak{Q}	
desc. node	-4404 Oct 20 j 00:48	17° \mathfrak{P} 50'57		morning set	-4403 Sep 25 j 07:17	20° \mathfrak{Q} 15'01	
max. Earth dist.	-4404 Oct 27 j 13:34	29° \mathfrak{P} 44'06	1.43942 AU		-4403 Oct 01 j 11:43	0° \mathfrak{P}	
	-4404 Oct 27 j 17:33	0° \mathfrak{L}		desc. node	-4403 Oct 06 j 21:41	8° \mathfrak{P} 31'31	
				max. Earth dist.	-4403 Oct 10 j 05:41	13° \mathfrak{P} 46'46	1.44710 AU
superior conj	-4404 Nov 01 j 10:05	7° \mathfrak{L} 32'49	-1°13'15				
minimum elong	-4404 Nov 01 j 03:14	7° \mathfrak{L} 05'02	1°12'32	superior conj	-4403 Oct 11 j 16:58	16° \mathfrak{P} 06'03	-0°30'04
evening rise	-4404 Nov 14 j 19:36	29° \mathfrak{L} 54'33		minimum elong	-4403 Oct 11 j 13:08	15° \mathfrak{P} 50'54	0°29'31
	-4404 Nov 14 j 20:52	0° \mathfrak{M}			-4403 Oct 20 j 10:34	0° \mathfrak{L}	
evening max el	-4404 Dec 02 j 22:56	27° \mathfrak{M} 55'35	18°15'53	evening rise	-4403 Oct 27 j 01:06	10° \mathfrak{L} 40'42	
asc. node	-4404 Dec 04 j 05:20	29° \mathfrak{M} 06'47			-4403 Nov 08 j 00:47	0° \mathfrak{M}	
	-4404 Dec 05 j 08:52	0° \mathfrak{J}		evening max el	-4403 Nov 16 j 10:58	11° \mathfrak{M} 19'23	18°42'01
retrograde	-4404 Dec 09 j 12:10	1° \mathfrak{J} 28'01		asc. node	-4403 Nov 21 j 02:27	14° \mathfrak{M} 41'54	
evening set	-4404 Dec 12 j 08:11	0° \mathfrak{J} 46'02		retrograde	-4403 Nov 23 j 04:14	15° \mathfrak{M} 05'35	
	-4404 Dec 13 j 15:32	30° \mathfrak{R} \mathfrak{M}		evening set	-4403 Nov 26 j 05:25	14° \mathfrak{M} 13'07	
inferior conj	-4404 Dec 18 j 13:05	25° \mathfrak{M} 23'28	3°43'35	inferior conj	-4403 Dec 02 j 02:25	8° \mathfrak{M} 33'01	3°11'28
minimum elong	-4404 Dec 18 j 10:22	25° \mathfrak{M} 30'53	3°42'58	minimum elong	-4403 Dec 01 j 23:12	8° \mathfrak{M} 42'38	3°10'32
min. Earth dist.	-4404 Dec 20 j 22:53	22° \mathfrak{M} 45'50	0.63413 AU	min. Earth dist.	-4403 Dec 03 j 21:30	6° \mathfrak{M} 23'59	0.64894 AU
morning rise	-4404 Dec 24 j 11:52	19° \mathfrak{M} 25'44		morning rise	-4403 Dec 07 j 16:37	2° \mathfrak{M} 27'11	
direct	-4404 Dec 31 j 12:57	16° \mathfrak{M} 38'58			-4403 Dec 11 j 20:56	30° \mathfrak{R} \mathfrak{L}	
morning max el	-4403 Jan 14 j 05:59	24° \mathfrak{M} 22'37	27°37'15	direct	-4403 Dec 14 j 10:23	29° \mathfrak{L} 36'16	
desc. node	-4403 Jan 16 j 00:37	26° \mathfrak{M} 11'55			-4403 Dec 17 j 02:52	0° \mathfrak{M}	
	-4403 Jan 19 j 09:26	0° \mathfrak{J}		morning max el	-4403 Dec 27 j 15:19	7° \mathfrak{M} 13'08	27°03'00
	-4403 Feb 08 j 13:35	0° \mathfrak{B}		desc. node	-4402 Jan 02 j 21:37	14° \mathfrak{M} 12'36	
morning set	-4403 Feb 17 j 15:45	17° \mathfrak{B} 04'22			-4402 Jan 14 j 08:26	0° \mathfrak{J}	
max. Earth dist.	-4403 Feb 22 j 23:05	27° \mathfrak{B} 59'39	1.33282 AU		-4402 Jan 31 j 19:38	0° \mathfrak{B}	
	-4403 Feb 23 j 21:47	0° \mathfrak{A}		morning set	-4402 Feb 01 j 05:37	0° \mathfrak{B} 48'06	
				max. Earth dist.	-4402 Feb 05 j 19:53	9° \mathfrak{B} 55'02	1.34244 AU
superior conj	-4403 Feb 25 j 07:41	3° \mathfrak{A} 00'59	-0°48'42				
minimum elong	-4403 Feb 25 j 09:47	3° \mathfrak{A} 12'16	0°48'29	superior conj	-4402 Feb 09 j 11:27	17° \mathfrak{B} 27'19	-1°11'38
asc. node	-4403 Mar 02 j 04:32	13° \mathfrak{A} 29'20		minimum elong	-4402 Feb 09 j 14:18	17° \mathfrak{B} 42'15	1°11'23
evening rise	-4403 Mar 04 j 10:42	18° \mathfrak{A} 16'49			-4402 Feb 15 j 10:06	0° \mathfrak{A}	
	-4403 Mar 10 j 06:34	0° \mathfrak{H}		evening rise	-4402 Feb 16 j 20:54	3° \mathfrak{A} 02'08	
evening max el	-4403 Mar 27 j 10:10	24° \mathfrak{H} 52'36	23°11'52	asc. node	-4402 Feb 17 j 01:33	3° \mathfrak{A} 26'15	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4402 Mar 04 j 05:08	0°♄				-4401 Feb 07 j 12:45	0°♁	
evening max el	-4402 Mar 09 j 06:54	5°♄45'01	21°39'55		evening max el	-4401 Feb 19 j 12:45	17°♁06'02	20°19'47
retrograde	-4402 Mar 21 j 11:47	11°♄37'20			retrograde	-4401 Mar 02 j 02:30	22°♁07'08	
evening set	-4402 Mar 24 j 02:55	11°♄21'48			evening set	-4401 Mar 04 j 10:29	21°♁53'31	
desc. node	-4402 Mar 31 j 20:33	8°♄12'53			inferior conj	-4401 Mar 13 j 07:51	17°♁54'40	1°27'41
inferior conj	-4402 Apr 02 j 10:41	7°♄19'40	-0°26'21		minimum elong	-4401 Mar 13 j 11:31	17°♁49'14	1°26'21
minimum elong	-4402 Apr 02 j 09:27	7°♄21'24	0°26'00		min. Earth dist.	-4401 Mar 15 j 00:59	16°♁53'49	0.55538 AU
min. Earth dist.	-4402 Apr 02 j 11:01	7°♄19'11	0.55189 AU		desc. node	-4401 Mar 18 j 17:41	14°♁54'23	
morning rise	-4402 Apr 11 j 16:26	3°♄17'37			morning rise	-4401 Mar 22 j 10:54	13°♁31'26	
direct	-4402 Apr 14 j 11:53	3°♄00'08			direct	-4401 Mar 26 j 01:55	13°♁02'44	
morning max el	-4402 Apr 26 j 19:58	8°♄52'25	21°49'42		morning max el	-4401 Apr 08 j 15:12	19°♁42'55	23°26'46
	-4402 May 11 j 15:41	0°♄				-4401 Apr 17 j 05:06	0°♄	
asc. node	-4402 May 16 j 01:14	8°♄35'25			morning set	-4401 May 02 j 02:54	26°♄50'32	
morning set	-4402 May 17 j 15:21	11°♄50'59			asc. node	-4401 May 02 j 22:12	28°♄31'55	
						-4401 May 03 j 14:51	0°♄	
superior conj	-4402 May 24 j 23:42	27°♄17'05	1°20'41		superior conj	-4401 May 09 j 05:44	12°♄02'37	1°01'11
minimum elong	-4402 May 24 j 21:00	27°♄02'56	1°20'24		minimum elong	-4401 May 09 j 03:22	11°♄49'55	1°00'48
	-4402 May 26 j 07:01	0°♄			max. Earth dist.	-4401 May 11 j 11:21	16°♄47'40	1.33732 AU
max. Earth dist.	-4402 May 28 j 10:36	4°♄24'46	1.34806 AU		evening rise	-4401 May 16 j 19:48	27°♄48'00	
evening rise	-4402 Jun 02 j 03:04	13°♄41'58				-4401 May 17 j 22:28	0°♄	
	-4402 Jun 11 j 02:28	0°♄				-4401 Jun 04 j 07:59	0°♄	
desc. node	-4402 Jun 27 j 19:08	25°♄07'56			desc. node	-4401 Jun 14 j 16:15	13°♄45'58	
	-4402 Jul 01 j 17:31	0°♄			evening max el	-4401 Jun 19 j 15:14	19°♄03'11	27°23'20
evening max el	-4402 Jul 07 j 04:30	5°♄52'56	26°57'28		retrograde	-4401 Jul 03 j 05:30	26°♄27'49	
retrograde	-4402 Jul 20 j 08:33	13°♄13'39			evening set	-4401 Jul 10 j 08:35	23°♄44'43	
evening set	-4402 Jul 27 j 04:46	10°♄25'34			min. Earth dist.	-4401 Jul 13 j 23:51	20°♄26'01	0.63963 AU
min. Earth dist.	-4402 Jul 31 j 01:35	6°♄31'49	0.65371 AU		inferior conj	-4401 Jul 16 j 11:26	17°♄48'36	-3°39'35
inferior conj	-4402 Aug 01 j 23:02	4°♄19'34	-3°00'52		minimum elong	-4401 Jul 16 j 15:00	17°♄39'10	3°38'39
minimum elong	-4402 Aug 02 j 02:39	4°♄09'01	2°59'37		morning rise	-4401 Jul 22 j 22:10	12°♄26'56	
	-4402 Aug 06 j 02:42	30°♄			direct	-4401 Jul 25 j 15:17	11°♄49'46	
morning rise	-4402 Aug 08 j 00:55	28°♄40'51			asc. node	-4401 Jul 29 j 21:46	13°♄21'06	
direct	-4402 Aug 10 j 22:48	27°♄54'10			morning max el	-4401 Aug 01 j 03:37	15°♄15'43	18°01'24
asc. node	-4402 Aug 12 j 00:43	28°♄00'33				-4401 Aug 11 j 12:22	0°♄	
	-4402 Aug 15 j 21:16	0°♄			morning set	-4401 Aug 18 j 12:01	11°♄55'15	
morning max el	-4402 Aug 17 j 13:05	1°♄30'57	18°23'30			-4401 Aug 29 j 05:00	0°♄	
morning set	-4402 Sep 05 j 20:31	0°♄27'49			superior conj	-4401 Aug 31 j 08:06	3°♄29'43	1°02'21
	-4402 Sep 05 j 13:43	0°♄			minimum elong	-4401 Aug 31 j 13:54	3°♄53'25	1°01'52
superior conj	-4402 Sep 20 j 16:51	24°♄24'02	0°19'22		max. Earth dist.	-4401 Sep 05 j 16:56	12°♄09'52	1.44069 AU
minimum elong	-4402 Sep 20 j 19:19	24°♄33'47	0°19'11		desc. node	-4401 Sep 10 j 15:33	19°♄59'23	
max. Earth dist.	-4402 Sep 23 j 00:10	28°♄02'47	1.44748 AU		evening rise	-4401 Sep 16 j 14:05	29°♄14'24	
desc. node	-4402 Sep 23 j 18:36	29°♄15'29				-4401 Sep 17 j 01:54	0°♄	
	-4402 Sep 24 j 05:54	0°♄				-4401 Oct 07 j 06:28	0°♄	
evening rise	-4402 Oct 07 j 05:38	20°♄23'16			evening max el	-4401 Oct 13 j 23:43	8°♄12'26	20°23'00
	-4402 Oct 13 j 08:59	0°♄			retrograde	-4401 Oct 21 j 21:30	12°♄51'43	
greatest brilliancy	-4402 Oct 17 j 19:09	6°♄51'50	-0.8m		evening set	-4401 Oct 25 j 14:59	11°♄31'15	
evening max el	-4402 Oct 30 j 19:55	24°♄46'12	19°24'57		asc. node	-4401 Oct 25 j 20:42	11°♄20'36	
retrograde	-4402 Nov 07 j 00:13	28°♄54'58			inferior conj	-4401 Oct 31 j 01:47	5°♄25'30	1°43'00
asc. node	-4402 Nov 07 j 23:34	28°♄49'31			minimum elong	-4401 Oct 30 j 23:34	5°♄32'58	1°42'09
evening set	-4402 Nov 10 j 08:28	27°♄49'46			min. Earth dist.	-4401 Oct 31 j 19:07	4°♄27'09	0.66791 AU
inferior conj	-4402 Nov 15 j 23:30	21°♄55'09	2°30'16			-4401 Nov 04 j 11:06	30°♄	
minimum elong	-4402 Nov 15 j 20:33	22°♄04'40	2°29'14		morning rise	-4401 Nov 05 j 07:58	29°♄10'24	
min. Earth dist.	-4402 Nov 17 j 04:55	20°♄20'39	0.66015 AU		direct	-4401 Nov 10 j 22:28	26°♄44'04	
morning rise	-4402 Nov 21 j 08:23	15°♄43'26				-4401 Nov 18 j 10:45	0°♄	
direct	-4402 Nov 27 j 13:41	13°♄00'48			morning max el	-4401 Nov 22 j 09:44	3°♄33'46	24°44'09
morning max el	-4402 Dec 10 j 00:52	20°♄20'20	26°02'19		desc. node	-4401 Dec 07 j 15:33	22°♄37'30	
	-4402 Dec 18 j 09:43	0°♄				-4401 Dec 12 j 16:26	0°♄	
desc. node	-4402 Dec 20 j 18:35	3°♄06'29			morning set	-4401 Dec 28 j 10:46	25°♄41'34	
	-4401 Jan 07 j 11:15	0°♄				-4401 Dec 30 j 20:43	0°♄	
morning set	-4401 Jan 15 j 05:47	13°♄45'46			max. Earth dist.	-4400 Jan 01 j 04:40	2°♄25'13	1.37457 AU
max. Earth dist.	-4401 Jan 19 j 05:19	21°♄18'03	1.35651 AU		superior conj	-4400 Jan 07 j 18:44	14°♄52'01	-1°46'26
	-4401 Jan 23 j 14:53	0°♄			minimum elong	-4400 Jan 07 j 21:09	15°♄03'46	1°46'28
superior conj	-4401 Jan 24 j 08:13	1°♄27'35	-1°31'31			-4400 Jan 15 j 09:40	0°♄	
minimum elong	-4401 Jan 24 j 11:17	1°♄43'10	1°31'22		evening rise	-4400 Jan 16 j 05:31	1°♄39'03	
evening rise	-4401 Feb 01 j 03:54	17°♄31'53			asc. node	-4400 Jan 21 j 19:38	12°♄28'01	
asc. node	-4401 Feb 03 j 22:34	23°♄07'58						

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening max el	-4400 Feb 02 j 05:06	29° Z 02'41	19°17'20		-4399 Jan 06 j 21:53	0° Z	
	-4400 Feb 03 j 06:39	0° \approx		asc. node	-4399 Jan 07 j 16:43	1° Z 19'19	
retrograde	-4400 Feb 11 j 04:30	3° \approx 19'08		evening max el	-4399 Jan 15 j 06:44	11° Z 32'16	18°34'39
evening set	-4400 Feb 13 j 13:22	3° \approx 02'34		retrograde	-4399 Jan 23 j 00:14	15° Z 18'08	
	-4400 Feb 20 j 01:28	30° R Z		evening set	-4399 Jan 25 j 12:13	14° Z 55'56	
inferior conj	-4400 Feb 21 j 18:15	28° Z 52'48	2°56'14	inferior conj	-4399 Feb 02 j 00:28	10° Z 27'18	3°47'04
minimum elong	-4400 Feb 21 j 23:16	28° Z 44'21	2°54'51	minimum elong	-4399 Feb 02 j 03:29	10° Z 21'25	3°46'30
min. Earth dist.	-4400 Feb 24 j 15:56	26° Z 56'29	0.56725 AU	min. Earth dist.	-4399 Feb 05 j 09:23	7° Z 50'45	0.58492 AU
morning rise	-4400 Mar 01 j 06:32	23° Z 59'24		morning rise	-4399 Feb 09 j 16:25	5° Z 07'46	
desc. node	-4400 Mar 04 j 14:48	23° Z 10'31		direct	-4399 Feb 15 j 17:01	3° Z 36'07	
direct	-4400 Mar 06 j 02:42	23° Z 05'16		desc. node	-4399 Feb 19 j 11:56	4° Z 11'36	
	-4400 Mar 19 j 22:25	0° \approx		morning max el	-4399 Mar 01 j 23:07	11° Z 06'56	26°27'12
morning max el	-4400 Mar 20 j 06:18	0° \approx 18'43	25°04'16		-4399 Mar 16 j 13:41	0° \approx	
	-4400 Apr 09 j 17:00	0° H		morning set	-4399 Mar 31 j 02:26	26° \approx 53'29	
morning set	-4400 Apr 15 j 15:11	11° H 53'39			-4399 Apr 01 j 13:47	0° H	
asc. node	-4400 Apr 18 j 19:12	18° H 39'08		asc. node	-4399 Apr 05 j 16:12	8° H 51'52	
superior conj	-4400 Apr 22 j 15:28	27° H 00'05	0°39'00	superior conj	-4399 Apr 07 j 02:59	12° H 02'08	0°15'04
minimum elong	-4400 Apr 22 j 13:50	26° H 51'10	0°38'39	minimum elong	-4399 Apr 07 j 02:19	11° H 58'31	0°14'50
max. Earth dist.	-4400 Apr 23 j 19:42	29° H 33'10	1.33014 AU	behind sun begin	-4399 Apr 07 j 00:38	11° H 49'17	
	-4400 Apr 24 j 00:40	0° Y		behind sun end	-4399 Apr 07 j 04:01	12° H 07'45	
evening rise	-4400 Apr 29 j 20:59	12° Y 20'30		max. Earth dist.	-4399 Apr 07 j 08:21	12° H 31'31	1.32643 AU
	-4400 May 09 j 02:57	0° B		evening rise	-4399 Apr 14 j 03:46	27° H 09'20	
	-4400 May 30 j 04:54	0° II			-4399 Apr 15 j 12:52	0° Y	
desc. node	-4400 May 31 j 13:22	1° II 21'49			-4399 May 02 j 16:13	0° B	
evening max el	-4400 May 31 j 23:14	1° II 45'40	27°18'35	evening max el	-4399 May 14 j 02:16	13° B 49'53	26°41'01
retrograde	-4400 Jun 14 j 20:24	9° II 09'51		desc. node	-4399 May 18 j 10:31	17° B 28'47	
evening set	-4400 Jun 21 j 22:02	6° II 45'55		retrograde	-4399 May 28 j 03:42	21° B 10'20	
min. Earth dist.	-4400 Jun 25 j 12:24	3° II 52'58	0.62200 AU	evening set	-4399 Jun 03 j 16:54	19° B 18'56	
inferior conj	-4400 Jun 28 j 13:00	1° II 02'17	-4°06'53	min. Earth dist.	-4399 Jun 07 j 15:43	16° B 36'47	0.60204 AU
minimum elong	-4400 Jun 28 j 15:25	0° II 56'34	4°06'27	inferior conj	-4399 Jun 11 j 00:10	13° B 51'28	-4°16'21
	-4400 Jun 29 j 15:43	30° R B		minimum elong	-4399 Jun 11 j 00:04	13° B 51'40	4°16'13
morning rise	-4400 Jul 05 j 10:09	26° B 00'13		morning rise	-4399 Jun 18 j 09:20	9° B 10'34	
direct	-4400 Jul 08 j 00:18	25° B 30'22		direct	-4399 Jun 20 j 21:54	8° B 46'25	
morning max el	-4400 Jul 14 j 18:09	28° B 54'49	17°57'29	morning max el	-4399 Jun 28 j 05:46	12° B 19'55	18°12'40
asc. node	-4400 Jul 15 j 18:50	29° B 58'59		asc. node	-4399 Jul 02 j 15:53	17° B 37'53	
	-4400 Jul 15 j 19:12	0° II			-4399 Jul 10 j 02:51	0° II	
morning set	-4400 Jul 31 j 01:01	24° II 24'37		morning set	-4399 Jul 14 j 06:09	7° II 41'40	
	-4400 Aug 03 j 03:40	0° E					
superior conj	-4400 Aug 11 j 02:18	13° E 55'58	1°31'30	superior conj	-4399 Jul 23 j 22:41	25° II 40'14	1°46'14
minimum elong	-4400 Aug 11 j 07:06	14° E 16'30	1°31'18	minimum elong	-4399 Jul 24 j 00:44	25° II 49'30	1°46'22
max. Earth dist.	-4400 Aug 18 j 05:00	25° E 50'08	1.42774 AU	max. Earth dist.	-4399 Jul 26 j 08:50	0° E	
	-4400 Aug 20 j 18:35	0° O		evening rise	-4399 Jul 31 j 11:24	8° E 51'01	1.41044 AU
evening rise	-4400 Aug 25 j 18:55	7° O 58'02			-4399 Aug 05 j 15:48	17° E 27'54	
desc. node	-4400 Aug 27 j 12:31	10° O 40'23		desc. node	-4399 Aug 13 j 14:05	0° O	
	-4400 Sep 09 j 08:21	0° H			-4399 Aug 14 j 09:30	1° O 14'23	
evening max el	-4400 Sep 25 j 21:22	21° H 37'51	21°33'24	evening max el	-4399 Sep 04 j 00:08	0° H	
retrograde	-4400 Oct 04 j 18:01	26° H 53'26		retrograde	-4399 Sep 08 j 13:14	5° H 03'10	22°52'00
evening set	-4400 Oct 08 j 22:57	25° H 15'17		evening set	-4399 Sep 18 j 12:09	10° H 57'18	
asc. node	-4400 Oct 11 j 17:50	22° H 24'52		inferior conj	-4399 Sep 23 j 06:32	8° H 59'41	
inferior conj	-4400 Oct 14 j 07:10	19° H 01'58	0°51'58	minimum elong	-4399 Sep 28 j 13:45	2° H 42'15	-0°01'02
minimum elong	-4400 Oct 14 j 05:59	19° H 06'03	0°51'32	transit middle	-4399 Sep 28 j 13:46	2° H 42'10	0°00'56
min. Earth dist.	-4400 Oct 14 j 13:41	18° H 39'29	0.67251 AU	transit begin	-4399 Sep 28 j 13:46	2° H 42'10	0°00'56
morning rise	-4400 Oct 19 j 12:52	12° H 46'17		transit end	-4399 Sep 28 j 11:05	2° H 51'28	
direct	-4400 Oct 24 j 12:11	10° H 40'19		min. Earth dist.	-4399 Sep 28 j 16:28	2° H 32'53	
morning max el	-4400 Oct 24 j 12:11	10° H 40'19		asc. node	-4399 Sep 28 j 10:03	2° H 55'02	0.67410 AU
	-4400 Nov 03 j 19:17	16° H 49'30	23°18'14		-4399 Sep 28 j 14:58	2° H 38'02	
	-4400 Nov 14 j 16:01	0° E			-4399 Sep 30 j 13:57	30° R O	
desc. node	-4400 Nov 23 j 12:31	12° E 35'03		morning rise	-4399 Sep 30 j 13:57	30° R O	
	-4400 Dec 04 j 18:07	0° M		direct	-4399 Oct 03 j 20:53	26° O 29'07	
morning set	-4400 Dec 08 j 14:29	6° M 20'07			-4399 Oct 08 j 05:55	24° O 44'27	
max. Earth dist.	-4400 Dec 13 j 00:17	13° M 50'45	1.39501 AU	morning max el	-4399 Oct 17 j 04:58	0° H	
					-4399 Oct 17 j 08:36	0° H 09'14	21°53'37
					-4399 Nov 08 j 12:16	0° E	
superior conj	-4400 Dec 20 j 14:52	27° M 29'54	-1°53'43	desc. node	-4399 Nov 10 j 09:28	2° E 51'15	
minimum elong	-4400 Dec 20 j 15:21	27° M 32'13	1°53'53	morning set	-4399 Nov 18 j 13:33	15° E 35'41	
	-4400 Dec 21 j 23:06	0° J		max. Earth dist.	-4399 Nov 25 j 00:02	26° E 04'58	1.41513 AU
evening rise	-4400 Dec 29 j 23:10	15° J 17'14			-4399 Nov 27 j 08:05	0° M	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4399 Dec 02 j 15:14	9° 11 07'40	-1°49'58
minimum elong	-4399 Dec 02 j 12:29	8° 11 55'36	1°49'59
evening rise	-4399 Dec 13 j 05:33	28° 11 19'13	
	-4399 Dec 14 j 03:24	0° 11	
asc. node	-4399 Dec 25 j 13:48	19° 11 32'42	
evening max el	-4399 Dec 29 j 14:58	24° 11 26'56	18°12'02
retrograde	-4398 Jan 05 j 13:43	27° 11 57'39	
evening set	-4398 Jan 08 j 04:35	27° 11 28'30	