

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11900 Jan 26 j 01:39	11° \mathbb{M} 33'07	-0°33'46	max. Earth dist.	-11899 Jan 08 j 11:14	24° \mathbb{A} 14'38	1.32926 AU
minimum elong	-11900 Jan 26 j 02:58	11° \mathbb{M} 40'16	0°33'57				
max. Earth dist.	-11900 Jan 25 j 23:05	11° \mathbb{M} 19'04	1.32779 AU	superior conj	-11899 Jan 09 j 13:10	26° \mathbb{A} 35'26	-0°54'02
asc. node	-11900 Jan 29 j 16:29	19° \mathbb{M} 25'39		minimum elong	-11899 Jan 09 j 15:01	26° \mathbb{A} 45'34	0°54'01
evening rise	-11900 Feb 02 j 03:22	26° \mathbb{M} 45'54			-11899 Jan 11 j 02:44	0° \mathbb{M}	
	-11900 Feb 03 j 17:01	0° \mathbb{A}		asc. node	-11899 Jan 15 j 13:46	9° \mathbb{M} 37'24	
	-11900 Feb 21 j 01:35	0° \mathbb{B}		evening rise	-11899 Jan 16 j 13:49	11° \mathbb{M} 44'19	
evening max el	-11900 Mar 02 j 00:13	11° \mathbb{B} 48'08	26°15'05		-11899 Jan 25 j 23:58	0° \mathbb{A}	
retrograde	-11900 Mar 16 j 03:15	19° \mathbb{B} 08'34		evening max el	-11899 Feb 11 j 19:41	22° \mathbb{A} 57'37	24°57'29
desc. node	-11900 Mar 17 j 16:09	19° \mathbb{B} 02'36		retrograde	-11899 Feb 25 j 18:53	29° \mathbb{A} 59'34	
evening set	-11900 Mar 21 j 23:59	17° \mathbb{B} 42'24		evening set	-11899 Mar 02 j 14:33	29° \mathbb{A} 06'07	
min. Earth dist.	-11900 Mar 26 j 13:33	14° \mathbb{B} 51'07	0.58965 AU	desc. node	-11899 Mar 04 j 13:08	28° \mathbb{A} 16'29	
inferior conj	-11900 Mar 29 j 21:08	12° \mathbb{B} 17'48	-2°40'48	min. Earth dist.	-11899 Mar 08 j 09:18	26° \mathbb{A} 03'01	0.57188 AU
minimum elong	-11900 Mar 29 j 17:47	12° \mathbb{B} 24'19	2°40'50	inferior conj	-11899 Mar 11 j 04:39	24° \mathbb{A} 10'19	-1°36'38
morning rise	-11900 Apr 06 j 14:36	7° \mathbb{B} 45'47		minimum elong	-11899 Mar 11 j 01:27	24° \mathbb{A} 15'43	1°36'26
direct	-11900 Apr 08 j 23:23	7° \mathbb{B} 26'07		morning rise	-11899 Mar 19 j 15:35	19° \mathbb{A} 55'41	
morning max el	-11900 Apr 16 j 17:30	11° \mathbb{B} 09'52	18°29'33	direct	-11899 Mar 21 j 20:24	19° \mathbb{A} 41'27	
asc. node	-11900 Apr 26 j 15:35	25° \mathbb{B} 14'18		morning max el	-11899 Mar 30 j 20:50	23° \mathbb{A} 57'45	19°11'55
	-11900 Apr 29 j 06:32	0° \mathbb{A}			-11899 Apr 04 j 22:36	0° \mathbb{B}	
morning set	-11900 May 02 j 21:26	6° \mathbb{A} 50'30		asc. node	-11899 Apr 13 j 12:30	14° \mathbb{B} 36'50	
				morning set	-11899 Apr 16 j 17:09	20° \mathbb{B} 49'59	
superior conj	-11900 May 12 j 06:31	24° \mathbb{A} 35'34	1°43'40		-11899 Apr 21 j 08:09	0° \mathbb{A}	
minimum elong	-11900 May 12 j 04:15	24° \mathbb{A} 25'07	1°43'08				
	-11900 May 15 j 05:40	0° \mathbb{A}		superior conj	-11899 Apr 25 j 05:20	7° \mathbb{A} 35'53	1°29'43
max. Earth dist.	-11900 May 19 j 11:31	7° \mathbb{A} 30'33	1.39930 AU	minimum elong	-11899 Apr 25 j 02:17	7° \mathbb{A} 21'12	1°28'53
evening rise	-11900 May 24 j 01:50	15° \mathbb{A} 20'33		max. Earth dist.	-11899 May 01 j 11:32	19° \mathbb{A} 22'13	1.38068 AU
	-11900 Jun 02 j 04:15	0° \mathbb{Y}		evening rise	-11899 May 05 j 12:01	26° \mathbb{A} 33'56	
desc. node	-11900 Jun 13 j 13:47	16° \mathbb{Y} 52'52			-11899 May 07 j 11:29	0° \mathbb{A}	
	-11900 Jun 23 j 14:22	0° \mathbb{B}			-11899 May 26 j 16:21	0° \mathbb{Y}	
evening max el	-11900 Jun 27 j 20:20	4° \mathbb{B} 41'01	23°26'02	desc. node	-11899 May 31 j 11:14	6° \mathbb{Y} 30'56	
retrograde	-11900 Jul 08 j 05:43	10° \mathbb{B} 51'22		evening max el	-11899 Jun 10 j 06:17	18° \mathbb{Y} 01'52	24°47'17
evening set	-11900 Jul 13 j 07:57	8° \mathbb{B} 40'51		retrograde	-11899 Jun 21 j 18:44	24° \mathbb{Y} 49'28	
inferior conj	-11900 Jul 18 j 13:06	2° \mathbb{B} 25'43	-1°32'40	evening set	-11899 Jun 27 j 11:40	22° \mathbb{Y} 20'10	
minimum elong	-11900 Jul 18 j 14:51	2° \mathbb{B} 19'41	1°31'44	min. Earth dist.	-11899 Jul 02 j 00:22	17° \mathbb{Y} 04'36	0.66936 AU
min. Earth dist.	-11900 Jul 18 j 06:37	2° \mathbb{B} 48'04	0.67221 AU	inferior conj	-11899 Jul 02 j 18:22	16° \mathbb{Y} 04'15	-2°12'49
	-11900 Jul 20 j 08:17	30° \mathbb{R} \mathbb{Y}		minimum elong	-11899 Jul 02 j 20:35	15° \mathbb{Y} 56'47	2°12'01
morning rise	-11900 Jul 23 j 21:41	26° \mathbb{Y} 11'41		morning rise	-11899 Jul 08 j 05:28	9° \mathbb{Y} 58'51	
asc. node	-11900 Jul 23 j 16:34	26° \mathbb{Y} 21'57		asc. node	-11899 Jul 10 j 13:23	8° \mathbb{Y} 49'37	
direct	-11900 Jul 28 j 01:36	24° \mathbb{Y} 34'46		direct	-11899 Jul 11 j 22:51	8° \mathbb{Y} 38'34	
morning max el	-11900 Aug 05 j 20:40	29° \mathbb{Y} 50'30	21°27'40	morning max el	-11899 Jul 19 j 18:35	13° \mathbb{Y} 14'33	20°15'53
	-11900 Aug 06 j 00:20	0° \mathbb{B}			-11899 Aug 01 j 10:06	0° \mathbb{B}	
	-11900 Aug 27 j 22:46	0° \mathbb{II}		morning set	-11899 Aug 15 j 18:13	21° \mathbb{B} 52'45	
morning set	-11900 Sep 05 j 14:55	13° \mathbb{II} 23'34			-11899 Aug 20 j 22:48	0° \mathbb{II}	
desc. node	-11900 Sep 09 j 11:01	19° \mathbb{II} 29'38		max. Earth dist.	-11899 Aug 26 j 21:06	9° \mathbb{II} 24'57	1.43705 AU
max. Earth dist.	-11900 Sep 13 j 10:26	25° \mathbb{II} 56'47	1.42333 AU	desc. node	-11899 Aug 27 j 08:10	10° \mathbb{II} 09'22	
	-11900 Sep 15 j 21:16	0° \mathbb{B}					
superior conj	-11900 Sep 20 j 12:03	7° \mathbb{B} 48'02	-1°03'00	superior conj	-11899 Sep 01 j 00:17	17° \mathbb{II} 43'31	-0°27'49
minimum elong	-11900 Sep 20 j 07:49	7° \mathbb{B} 29'52	1°01'52	minimum elong	-11899 Aug 31 j 21:32	17° \mathbb{II} 32'16	0°26'49
evening rise	-11900 Oct 01 j 18:12	27° \mathbb{B} 43'29			-11899 Sep 08 j 09:29	0° \mathbb{B}	
	-11900 Oct 03 j 00:24	0° \mathbb{A}		evening rise	-11899 Sep 14 j 03:57	9° \mathbb{B} 51'02	
evening max el	-11900 Oct 18 j 06:06	23° \mathbb{A} 49'17	18°07'33		-11899 Sep 26 j 05:57	0° \mathbb{A}	
asc. node	-11900 Oct 19 j 16:10	25° \mathbb{A} 06'44		evening max el	-11899 Oct 01 j 19:32	7° \mathbb{A} 10'03	18°12'34
retrograde	-11900 Oct 25 j 02:45	27° \mathbb{A} 22'34		asc. node	-11899 Oct 06 j 13:23	10° \mathbb{A} 25'33	
evening set	-11900 Oct 27 j 15:26	26° \mathbb{A} 53'47		retrograde	-11899 Oct 08 j 10:19	10° \mathbb{A} 43'37	
inferior conj	-11900 Nov 03 j 12:53	21° \mathbb{A} 50'30	3°44'25	evening set	-11899 Oct 11 j 02:27	10° \mathbb{A} 07'11	
minimum elong	-11900 Nov 03 j 09:15	21° \mathbb{A} 59'06	3°44'11	inferior conj	-11899 Oct 17 j 12:57	4° \mathbb{A} 44'43	3°03'32
min. Earth dist.	-11900 Nov 06 j 10:21	19° \mathbb{A} 06'18	0.61519 AU	minimum elong	-11899 Oct 17 j 09:12	4° \mathbb{A} 54'42	3°03'06
morning rise	-11900 Nov 10 j 01:49	16° \mathbb{A} 09'45		min. Earth dist.	-11899 Oct 19 j 22:34	2° \mathbb{A} 11'37	0.63198 AU
direct	-11900 Nov 17 j 02:29	13° \mathbb{A} 45'51			-11899 Oct 22 j 04:48	30° \mathbb{R} \mathbb{B}	
morning max el	-11900 Nov 30 j 23:50	21° \mathbb{A} 13'52	27°26'49	morning rise	-11899 Oct 23 j 15:06	28° \mathbb{B} 49'02	
desc. node	-11900 Dec 06 j 11:46	27° \mathbb{A} 11'44		direct	-11899 Oct 30 j 15:29	26° \mathbb{B} 08'39	
	-11900 Dec 08 j 18:02	0° \mathbb{M}			-11899 Nov 09 j 00:56	0° \mathbb{A}	
	-11900 Dec 27 j 15:02	0° \mathbb{A}		morning max el	-11899 Nov 13 j 06:45	3° \mathbb{A} 40'27	27°32'28
morning set	-11899 Jan 02 j 07:58	11° \mathbb{A} 14'40		desc. node	-11899 Nov 23 j 08:25	15° \mathbb{A} 26'40	
					-11899 Dec 03 j 04:21	0° \mathbb{M}	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

morning set	-11899 Dec 17 j 08:32	25° \mathbb{M} 39'16				-11898 Nov 06 j 23:51	0° \mathcal{O}	
	-11899 Dec 19 j 11:55	0° \mathcal{O}		desc. node		-11898 Nov 10 j 05:07	4° \mathcal{O} 30'16	
max. Earth dist.	-11899 Dec 22 j 18:26	6° \mathcal{O} 50'09	1.33442 AU			-11898 Nov 25 j 21:50	0° \mathbb{M}	
				morning set		-11898 Nov 30 j 23:57	9° \mathbb{M} 32'12	
superior conj	-11899 Dec 24 j 22:36	11° \mathcal{O} 28'36	-1°11'42	max. Earth dist.		-11898 Dec 05 j 17:20	18° \mathbb{M} 56'52	1.34366 AU
minimum elong	-11899 Dec 25 j 00:41	11° \mathcal{O} 39'47	1°11'31					
evening rise	-11898 Jan 01 j 01:04	26° \mathcal{O} 41'37		superior conj		-11898 Dec 09 j 04:03	26° \mathbb{M} 05'48	-1°25'48
asc. node	-11898 Jan 02 j 11:06	29° \mathcal{O} 38'35		minimum elong		-11898 Dec 09 j 05:55	26° \mathbb{M} 15'37	1°25'34
	-11898 Jan 02 j 15:16	0° \mathbb{M}				-11898 Dec 11 j 00:27	0° \mathcal{O}	
	-11898 Jan 20 j 21:28	0° \mathcal{O}		evening rise		-11898 Dec 16 j 11:33	11° \mathcal{O} 32'02	
evening max el	-11898 Jan 24 j 13:01	3° \mathcal{O} 50'10	23°25'30	asc. node		-11898 Dec 20 j 08:28	19° \mathcal{O} 23'38	
retrograde	-11898 Feb 06 j 21:29	10° \mathcal{O} 20'32				-11898 Dec 26 j 03:36	0° \mathbb{M}	
evening set	-11898 Feb 10 j 16:11	9° \mathcal{O} 49'17		evening max el		-11897 Jan 06 j 09:11	14° \mathbb{M} 48'14	21°52'30
min. Earth dist.	-11898 Feb 18 j 01:43	6° \mathcal{O} 23'22	0.55937 AU	retrograde		-11897 Jan 18 j 13:56	20° \mathbb{M} 35'45	
desc. node	-11898 Feb 19 j 10:02	5° \mathcal{O} 35'09		evening set		-11897 Jan 21 j 14:57	20° \mathbb{M} 15'07	
inferior conj	-11898 Feb 19 j 17:02	5° \mathcal{O} 24'40	-0°04'28	inferior conj		-11897 Jan 30 j 16:26	16° \mathbb{M} 11'27	1°40'11
minimum elong	-11898 Feb 19 j 16:50	5° \mathcal{O} 24'59	0°05'00	minimum elong		-11897 Jan 30 j 20:33	16° \mathbb{M} 05'35	1°38'27
transit middle	-11898 Feb 19 j 16:50	5° \mathcal{O} 24'59	0°05'00	min. Earth dist.		-11897 Jan 30 j 16:04	16° \mathbb{M} 11'58	0.55455 AU
transit begin	-11898 Feb 19 j 13:01	5° \mathcal{O} 30'42		desc. node		-11897 Feb 06 j 06:52	12° \mathbb{M} 52'54	
transit end	-11898 Feb 19 j 20:39	5° \mathcal{O} 19'16		morning rise		-11897 Feb 09 j 02:19	12° \mathbb{M} 04'56	
morning rise	-11898 Feb 28 j 19:35	1° \mathcal{O} 20'30		direct		-11897 Feb 11 j 16:31	11° \mathbb{M} 49'46	
direct	-11898 Mar 03 j 00:12	1° \mathcal{O} 08'27		morning max el		-11897 Feb 23 j 21:21	17° \mathbb{M} 42'04	21°34'23
morning max el	-11898 Mar 13 j 14:42	6° \mathcal{O} 10'09	20°14'00			-11897 Mar 05 j 11:17	0° \mathcal{O}	
	-11898 Mar 29 j 05:04	0° \mathcal{O}		morning set		-11897 Mar 16 j 05:09	20° \mathcal{O} 04'31	
asc. node	-11898 Mar 31 j 09:29	4° \mathcal{O} 21'06		asc. node		-11897 Mar 18 j 06:31	24° \mathcal{O} 21'12	
morning set	-11898 Mar 31 j 20:36	5° \mathcal{O} 17'20				-11897 Mar 20 j 23:07	0° \mathcal{O}	
superior conj	-11898 Apr 08 j 17:38	21° \mathcal{O} 20'01	1°10'37	superior conj		-11897 Mar 23 j 15:34	5° \mathcal{O} 36'44	0°48'35
minimum elong	-11898 Apr 08 j 14:49	21° \mathcal{O} 05'51	1°09'35	minimum elong		-11897 Mar 23 j 13:31	5° \mathcal{O} 26'05	0°47'33
	-11898 Apr 13 j 02:58	0° \approx		max. Earth dist.		-11897 Mar 27 j 06:18	13° \mathcal{O} 01'02	1.34975 AU
max. Earth dist.	-11898 Apr 13 j 16:20	1° \approx 04'29	1.36372 AU	evening rise		-11897 Mar 31 j 23:43	22° \mathcal{O} 18'34	
evening rise	-11898 Apr 17 j 21:14	8° \approx 58'49				-11897 Apr 05 j 02:44	0° \approx	
	-11898 Apr 30 j 03:58	0° \mathcal{H}				-11897 Apr 23 j 21:06	0° \mathcal{H}	
desc. node	-11898 May 18 j 08:41	25° \mathcal{H} 34'52		desc. node		-11897 May 05 j 06:05	13° \mathcal{H} 50'18	
	-11898 May 22 j 07:10	0° \mathcal{Y}		evening max el		-11897 May 06 j 02:55	14° \mathcal{H} 42'32	26°54'15
evening max el	-11898 May 23 j 16:14	1° \mathcal{Y} 24'27	25°59'36	retrograde		-11897 May 19 j 06:48	22° \mathcal{H} 12'00	
retrograde	-11898 Jun 05 j 03:17	8° \mathcal{Y} 38'42		evening set		-11897 May 26 j 00:06	19° \mathcal{H} 24'56	
evening set	-11898 Jun 11 j 09:54	5° \mathcal{Y} 56'02		min. Earth dist.		-11897 May 29 j 20:50	15° \mathcal{H} 27'24	0.65262 AU
min. Earth dist.	-11898 Jun 15 j 13:52	1° \mathcal{Y} 19'48	0.66292 AU	inferior conj		-11897 May 31 j 17:51	13° \mathcal{H} 13'53	-3°11'32
inferior conj	-11898 Jun 16 j 20:40	29° \mathcal{H} 41'30	-2°46'23	minimum elong		-11897 May 31 j 19:44	13° \mathcal{H} 08'18	3°11'30
minimum elong	-11898 Jun 16 j 22:59	29° \mathcal{H} 34'08	2°45'54	morning rise		-11897 Jun 06 j 15:40	7° \mathcal{H} 34'58	
	-11898 Jun 16 j 14:53	30° \mathcal{R} \mathcal{H}		direct		-11897 Jun 09 j 17:26	6° \mathcal{H} 42'25	
morning rise	-11898 Jun 22 j 12:07	23° \mathcal{H} 47'57		asc. node		-11897 Jun 14 j 06:57	8° \mathcal{H} 30'58	
direct	-11898 Jun 25 j 20:51	22° \mathcal{H} 42'29		morning max el		-11897 Jun 16 j 08:40	10° \mathcal{H} 21'38	18°34'49
asc. node	-11898 Jun 27 j 10:11	22° \mathcal{H} 55'52				-11897 Jun 30 j 00:58	0° \mathcal{Y}	
morning max el	-11898 Jul 02 j 22:58	26° \mathcal{H} 45'32	19°17'28	morning set		-11897 Jul 06 j 10:41	10° \mathcal{Y} 28'26	
	-11898 Jul 05 j 18:53	0° \mathcal{Y}				-11897 Jul 18 j 12:40	0° \mathcal{B}	
	-11898 Jul 25 j 17:22	0° \mathcal{B}						
morning set	-11898 Jul 26 j 03:53	0° \mathcal{B} 41'31		superior conj		-11897 Jul 21 j 10:57	4° \mathcal{B} 39'38	1°00'00
max. Earth dist.	-11898 Aug 09 j 12:39	23° \mathcal{B} 22'31	1.44466 AU	minimum elong		-11897 Jul 21 j 17:13	5° \mathcal{B} 04'29	0°59'43
				max. Earth dist.		-11897 Jul 23 j 05:39	7° \mathcal{B} 28'56	1.44527 AU
superior conj	-11898 Aug 11 j 11:04	26° \mathcal{B} 26'41	0°16'26	desc. node		-11897 Aug 01 j 02:47	21° \mathcal{B} 30'40	
minimum elong	-11898 Aug 11 j 13:06	26° \mathcal{B} 34'45	0°16'44			-11897 Aug 06 j 11:53	0° \mathbb{I}	
	-11898 Aug 13 j 16:39	0° \mathbb{I}		evening rise		-11897 Aug 06 j 23:04	0° \mathbb{I} 44'07	
desc. node	-11898 Aug 14 j 05:26	0° \mathbb{I} 50'58				-11897 Aug 26 j 06:31	0° \mathcal{E}	
evening rise	-11898 Aug 26 j 15:05	20° \mathbb{I} 55'26		evening max el		-11897 Aug 29 j 19:22	4° \mathcal{E} 08'27	19°15'31
	-11898 Sep 01 j 03:50	0° \mathcal{E}		retrograde		-11897 Sep 05 j 20:32	8° \mathcal{E} 09'45	
evening max el	-11898 Sep 15 j 08:55	20° \mathcal{E} 38'27	18°35'32	evening set		-11897 Sep 09 j 02:10	7° \mathcal{E} 09'16	
retrograde	-11898 Sep 22 j 01:21	24° \mathcal{E} 21'24		asc. node		-11897 Sep 10 j 07:37	6° \mathcal{E} 15'33	
asc. node	-11898 Sep 23 j 10:32	24° \mathcal{E} 10'44		inferior conj		-11897 Sep 14 j 19:24	1° \mathcal{E} 17'19	1°23'30
evening set	-11898 Sep 24 j 23:07	23° \mathcal{E} 34'31		minimum elong		-11897 Sep 14 j 17:29	1° \mathcal{E} 23'22	1°23'29
inferior conj	-11898 Oct 01 j 00:07	17° \mathcal{E} 55'39	2°15'11			-11897 Sep 15 j 19:50	30° \mathcal{R} \mathbb{I}	
minimum elong	-11898 Sep 30 j 21:06	18° \mathcal{E} 04'30	2°14'50	min. Earth dist.		-11897 Sep 16 j 03:42	29° \mathbb{I} 35'21	0.65710 AU
min. Earth dist.	-11898 Oct 02 j 20:45	15° \mathcal{E} 44'58	0.64609 AU	morning rise		-11897 Sep 20 j 08:26	25° \mathbb{I} 01'18	
morning rise	-11898 Oct 06 j 18:32	11° \mathcal{E} 48'03		direct		-11897 Sep 26 j 12:47	22° \mathbb{I} 24'37	
direct	-11898 Oct 13 j 11:06	9° \mathcal{E} 04'25		morning max el		-11897 Oct 09 j 02:57	29° \mathbb{I} 44'41	26°11'47
morning max el	-11898 Oct 26 j 16:32	16° \mathcal{E} 34'46	27°05'30			-11897 Oct 09 j 09:05	0° \mathcal{E}	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

desc. node	-11897 Oct 28 j 01:52	24° $\overline{50}$ 8'00		morning max el	-11896 Sep 20 j 12:49	12° $\overline{11}$ 59'48	24°59'18
	-11897 Oct 31 j 21:01	0° Ω			-11896 Oct 04 j 08:20	0° $\overline{50}$	
morning set	-11897 Nov 14 j 02:19	22° Ω 41'36		desc. node	-11896 Oct 13 j 22:42	14° $\overline{50}$ 10'00	
	-11897 Nov 17 j 22:40	0° $\overline{10}$			-11896 Oct 23 j 15:17	0° Ω	
max. Earth dist.	-11897 Nov 18 j 05:38	0° $\overline{10}$ 33'49	1.35710 AU	morning set	-11896 Oct 26 j 10:43	4° Ω 53'45	
				max. Earth dist.	-11896 Oct 30 j 08:08	11° Ω 55'19	1.37436 AU
superior conj	-11897 Nov 23 j 03:04	10° $\overline{10}$ 19'10	-1°35'12				
minimum elong	-11897 Nov 23 j 04:12	10° $\overline{10}$ 24'54	1°34'54	superior conj	-11896 Nov 05 j 16:32	23° Ω 59'22	-1°38'20
evening rise	-11897 Nov 30 j 19:28	26° $\overline{10}$ 09'36		minimum elong	-11896 Nov 05 j 16:20	23° Ω 58'20	1°37'55
	-11897 Dec 02 j 16:50	0° Ω			-11896 Nov 08 j 17:31	0° $\overline{10}$	
asc. node	-11897 Dec 07 j 05:51	8° Ω 45'56		evening rise	-11896 Nov 13 j 22:50	10° $\overline{10}$ 28'26	
evening max el	-11897 Dec 19 j 13:09	26° Ω 11'56	20°29'54	asc. node	-11896 Nov 23 j 03:12	27° $\overline{10}$ 37'12	
	-11897 Dec 24 j 22:55	0° $\overline{10}$			-11896 Nov 24 j 15:07	0° Ω	
retrograde	-11897 Dec 30 j 05:37	1° $\overline{10}$ 12'54		evening max el	-11896 Dec 01 j 03:23	8° Ω 10'00	19°24'22
evening set	-11896 Jan 01 j 21:37	0° $\overline{10}$ 55'28		retrograde	-11896 Dec 10 j 07:23	12° Ω 30'31	
	-11896 Jan 04 j 19:49	30° $\overline{10}$ 12'54		evening set	-11896 Dec 12 j 20:01	12° Ω 12'12	
inferior conj	-11896 Jan 10 j 15:11	26° Ω 55'43	3°09'34	inferior conj	-11896 Dec 21 j 01:41	8° Ω 01'52	4°02'38
minimum elong	-11896 Jan 10 j 20:55	26° Ω 47'09	3°07'59	minimum elong	-11896 Dec 21 j 05:00	7° Ω 56'19	4°02'13
min. Earth dist.	-11896 Jan 12 j 05:31	25° Ω 58'45	0.55832 AU	min. Earth dist.	-11896 Dec 23 j 19:14	6° Ω 13'25	0.56978 AU
morning rise	-11896 Jan 19 j 18:42	22° Ω 31'33		morning rise	-11896 Dec 29 j 11:49	3° Ω 13'23	
direct	-11896 Jan 23 j 08:35	22° Ω 03'23		direct	-11895 Jan 03 j 10:17	2° Ω 17'34	
desc. node	-11896 Jan 24 j 03:37	22° Ω 04'48		desc. node	-11895 Jan 10 j 00:18	3° Ω 57'00	
morning max el	-11896 Feb 05 j 17:50	28° Ω 39'16	23°08'01	morning max el	-11895 Jan 17 j 08:48	9° Ω 20'36	24°44'19
	-11896 Feb 07 j 02:15	0° $\overline{10}$			-11895 Feb 01 j 17:15	0° $\overline{10}$	
	-11896 Feb 26 j 05:26	0° $\overline{10}$		morning set	-11895 Feb 12 j 05:11	20° $\overline{10}$ 09'32	
morning set	-11896 Feb 28 j 16:40	5° $\overline{10}$ 04'33			-11895 Feb 16 j 19:29	0° $\overline{10}$	
asc. node	-11896 Mar 04 j 03:39	14° $\overline{10}$ 32'17					
				superior conj	-11895 Feb 19 j 05:03	5° $\overline{10}$ 11'56	0°01'41
superior conj	-11896 Mar 06 j 20:11	20° $\overline{10}$ 17'03	0°25'14	minimum elong	-11895 Feb 19 j 05:00	5° $\overline{10}$ 11'41	0°01'04
minimum elong	-11896 Mar 06 j 19:07	20° $\overline{10}$ 11'24	0°24'21	behind sun begin	-11895 Feb 18 j 23:55	4° $\overline{10}$ 44'12	
max. Earth dist.	-11896 Mar 09 j 06:12	25° $\overline{10}$ 23'39	1.33923 AU	behind sun end	-11895 Feb 19 j 10:04	5° $\overline{10}$ 39'09	
	-11896 Mar 11 j 11:29	0° $\overline{10}$		asc. node	-11895 Feb 19 j 00:49	4° $\overline{10}$ 49'05	
evening rise	-11896 Mar 14 j 14:41	6° $\overline{10}$ 18'59		max. Earth dist.	-11895 Feb 20 j 13:56	8° $\overline{10}$ 09'27	1.33221 AU
	-11896 Mar 27 j 17:39	0° $\overline{10}$		evening rise	-11895 Feb 26 j 14:20	20° $\overline{10}$ 46'59	
evening max el	-11896 Apr 17 j 13:24	27° $\overline{10}$ 46'57	27°23'43		-11895 Mar 03 j 06:57	0° $\overline{10}$	
	-11896 Apr 19 j 23:23	0° $\overline{10}$			-11895 Mar 21 j 21:02	0° $\overline{10}$	
desc. node	-11896 Apr 21 j 03:23	0° $\overline{10}$ 57'49		evening max el	-11895 Mar 30 j 21:41	10° $\overline{10}$ 25'55	27°22'36
retrograde	-11896 May 01 j 04:53	5° $\overline{10}$ 22'03		desc. node	-11895 Apr 08 j 00:35	16° $\overline{10}$ 29'32	
evening set	-11896 May 08 j 03:25	2° $\overline{10}$ 42'50		retrograde	-11895 Apr 13 j 20:32	17° $\overline{10}$ 59'13	
	-11896 May 11 j 03:46	30° $\overline{10}$ 12'54		evening set	-11895 Apr 20 j 16:27	15° $\overline{10}$ 41'22	
min. Earth dist.	-11896 May 11 j 19:43	29° $\overline{10}$ 18'50	0.63838 AU	min. Earth dist.	-11895 Apr 24 j 09:41	12° $\overline{10}$ 40'50	0.62073 AU
inferior conj	-11896 May 14 j 07:23	26° $\overline{10}$ 37'55	-3°25'41	inferior conj	-11895 Apr 27 j 10:12	9° $\overline{10}$ 46'48	-3°25'03
minimum elong	-11896 May 14 j 08:15	26° $\overline{10}$ 35'36	3°26'02	minimum elong	-11895 Apr 27 j 09:27	9° $\overline{10}$ 48'36	3°25'33
morning rise	-11896 May 20 j 13:53	21° $\overline{10}$ 15'50		morning rise	-11895 May 04 j 04:02	4° $\overline{10}$ 43'14	
direct	-11896 May 23 j 10:04	20° $\overline{10}$ 34'24		direct	-11895 May 06 j 19:34	4° $\overline{10}$ 11'21	
morning max el	-11896 May 29 j 21:43	23° $\overline{10}$ 59'57	18°09'26	morning max el	-11895 May 13 j 11:37	7° $\overline{10}$ 34'06	18°02'15
asc. node	-11896 May 31 j 03:44	25° $\overline{10}$ 20'07		asc. node	-11895 May 18 j 00:31	13° $\overline{10}$ 07'16	
	-11896 Jun 03 j 17:50	0° $\overline{10}$			-11895 May 28 j 03:00	0° $\overline{10}$	
morning set	-11896 Jun 16 j 18:48	21° $\overline{10}$ 25'48		morning set	-11895 May 30 j 01:30	3° $\overline{10}$ 28'04	
	-11896 Jun 21 j 19:43	0° $\overline{10}$					
				superior conj	-11895 Jun 10 j 11:13	23° $\overline{10}$ 30'44	1°47'13
superior conj	-11896 Jun 29 j 22:29	13° $\overline{10}$ 28'06	1°31'48	minimum elong	-11895 Jun 10 j 13:13	23° $\overline{10}$ 39'13	1°47'03
minimum elong	-11896 Jun 30 j 04:06	13° $\overline{10}$ 51'00	1°31'31		-11895 Jun 14 j 07:34	0° $\overline{10}$	
max. Earth dist.	-11896 Jul 04 j 20:28	21° $\overline{10}$ 24'44	1.43896 AU	max. Earth dist.	-11895 Jun 17 j 06:42	4° $\overline{10}$ 53'47	1.42664 AU
	-11896 Jul 10 j 06:17	0° $\overline{10}$		evening rise	-11895 Jun 25 j 07:18	17° $\overline{10}$ 45'51	
evening rise	-11896 Jul 16 j 06:51	9° $\overline{10}$ 25'10			-11895 Jul 03 j 05:33	0° $\overline{10}$	
desc. node	-11896 Jul 18 j 00:11	12° $\overline{10}$ 05'24		desc. node	-11895 Jul 04 j 21:37	2° $\overline{10}$ 31'23	
	-11896 Jul 29 j 18:26	0° $\overline{10}$			-11895 Jul 24 j 23:32	0° $\overline{10}$	
evening max el	-11896 Aug 12 j 00:31	17° $\overline{10}$ 36'41	20°11'08	evening max el	-11895 Jul 25 j 22:55	1° $\overline{10}$ 01'21	21°20'13
retrograde	-11896 Aug 19 j 17:16	22° $\overline{10}$ 05'21		retrograde	-11895 Aug 03 j 13:29	6° $\overline{10}$ 05'37	
evening set	-11896 Aug 23 j 09:02	20° $\overline{10}$ 48'02		evening set	-11895 Aug 07 j 17:29	4° $\overline{10}$ 28'35	
asc. node	-11896 Aug 27 j 04:36	16° $\overline{10}$ 55'38			-11895 Aug 11 j 19:16	30° $\overline{10}$ 12'54	
inferior conj	-11896 Aug 28 j 20:19	14° $\overline{10}$ 46'12	0°31'18	inferior conj	-11895 Aug 13 j 00:47	28° $\overline{10}$ 19'49	-0°19'26
minimum elong	-11896 Aug 29 j 19:36	14° $\overline{10}$ 48'35	0°31'40	minimum elong	-11895 Aug 13 j 01:11	28° $\overline{10}$ 18'26	0°18'42
min. Earth dist.	-11896 Aug 29 j 17:18	13° $\overline{10}$ 36'21	0.66510 AU	min. Earth dist.	-11895 Aug 13 j 11:08	27° $\overline{10}$ 44'19	0.67018 AU
morning rise	-11896 Sep 03 j 05:56	8° $\overline{10}$ 25'45		asc. node	-11895 Aug 14 j 01:31	26° $\overline{10}$ 55'14	
direct	-11896 Sep 08 j 20:19	6° $\overline{10}$ 02'38		morning rise	-11895 Aug 18 j 08:43	21° $\overline{10}$ 58'59	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

direct	-11895 Aug 23 j 08:56	19° 8 53'09				-11894 Sep 01 j 07:16	0° II		
morning max el	-11895 Sep 02 j 22:54	26° 8 14'57	23°37'01	desc. node		-11894 Sep 17 j 16:34	24° II 59'01		
	-11895 Sep 06 j 09:07	0° II		morning set		-11894 Sep 18 j 02:17	25° II 37'57		
	-11895 Sep 27 j 22:53	0° ☾				-11894 Sep 20 j 19:02	0° ☾		
desc. node	-11895 Sep 30 j 19:36	4° ☾ 29'02		max. Earth dist.		-11894 Sep 24 j 08:02	5° ☾ 51'23	1.41339 AU	
morning set	-11895 Oct 07 j 19:47	15° ☾ 54'50							
max. Earth dist.	-11895 Oct 12 j 06:36	23° ☾ 32'19	1.39395 AU	superior conj		-11894 Oct 01 j 21:11	18° ☾ 50'30	-1°17'36	
	-11895 Oct 15 j 21:54	0° ♌		minimum elong		-11894 Oct 01 j 17:24	18° ☾ 33'46	1°16'35	
						-11894 Oct 08 j 01:33	0° ♌		
superior conj	-11895 Oct 19 j 16:22	6° ♌ 54'59	-1°33'14	evening rise		-11894 Oct 12 j 05:34	7° ♌ 42'35		
minimum elong	-11895 Oct 19 j 14:20	6° ♌ 45'30	1°32'34			-11894 Oct 25 j 08:36	0° ♐		
evening rise	-11895 Oct 28 j 19:15	24° ♌ 22'17		asc. node		-11894 Oct 27 j 21:48	3° ♐ 02'53		
	-11895 Oct 31 j 17:36	0° ♐		evening max el		-11894 Oct 28 j 10:51	3° ♐ 36'13	18°13'14	
asc. node	-11895 Nov 10 j 00:31	15° ♐ 47'22		retrograde		-11894 Nov 04 j 14:20	7° ♐ 13'23		
evening max el	-11895 Nov 14 j 03:25	20° ♐ 40'50	18°38'41	evening set		-11894 Nov 07 j 02:10	6° ♐ 47'45		
retrograde	-11895 Nov 22 j 02:13	24° ♐ 33'17		inferior conj		-11894 Nov 14 j 06:23	1° ♐ 56'10	4°02'10	
evening set	-11895 Nov 24 j 13:48	24° ♐ 12'00		minimum elong		-11894 Nov 14 j 03:26	2° ♐ 02'38	4°02'08	
inferior conj	-11895 Dec 02 j 06:35	19° ♐ 42'20	4°17'07			-11894 Nov 16 j 10:58	30° ♐ ♌		
minimum elong	-11895 Dec 02 j 06:11	19° ♐ 43'06	4°17'16	min. Earth dist.		-11894 Nov 17 j 08:39	29° ♌ 13'28	0.60477 AU	
min. Earth dist.	-11895 Dec 05 j 11:10	17° ♐ 16'52	0.58632 AU	morning rise		-11894 Nov 21 j 03:19	26° ♌ 25'38		
morning rise	-11895 Dec 09 j 20:42	14° ♐ 31'28		direct		-11894 Nov 27 j 23:37	24° ♌ 17'44		
direct	-11895 Dec 15 j 23:56	12° ♐ 58'26				-11894 Dec 10 j 02:38	0° ♐		
desc. node	-11895 Dec 27 j 20:59	18° ♐ 17'26		morning max el		-11894 Dec 11 j 22:55	1° ♐ 41'04	27°07'49	
morning max el	-11895 Dec 30 j 00:57	20° ♐ 14'16	26°08'44	desc. node		-11894 Dec 14 j 17:37	4° ♐ 32'10		
	-11894 Jan 07 j 11:08	0° ♑				-11893 Jan 01 j 13:19	0° ♑		
	-11894 Jan 25 j 04:07	0° ♑		morning set		-11893 Jan 12 j 02:06	20° ♑ 07'44		
morning set	-11894 Jan 27 j 16:57	5° ♑ 13'04				-11893 Jan 16 j 17:38	0° ♑		
				max. Earth dist.		-11893 Jan 18 j 15:52	4° ♑ 11'24	1.32807 AU	
superior conj	-11894 Feb 03 j 16:16	20° ♑ 14'38	-0°21'12						
minimum elong	-11894 Feb 03 j 17:08	20° ♑ 19'22	0°21'32	superior conj		-11893 Jan 19 j 04:08	5° ♑ 18'23	-0°42'38	
max. Earth dist.	-11894 Feb 04 j 02:23	21° ♑ 09'51	1.32853 AU	minimum elong		-11893 Jan 19 j 05:43	5° ♑ 27'00	0°42'43	
asc. node	-11894 Feb 05 j 22:03	25° ♑ 07'21		asc. node		-11893 Jan 23 j 19:20	15° ♑ 22'34		
	-11894 Feb 08 j 04:28	0° ♒		evening rise		-11893 Jan 26 j 05:04	20° ♑ 28'44		
evening rise	-11894 Feb 10 j 19:52	5° ♒ 33'05				-11893 Jan 30 j 22:10	0° ♒		
	-11894 Feb 23 j 23:41	0° ♒				-11893 Feb 19 j 05:32	0° ♒		
evening max el	-11894 Mar 13 j 01:42	22° ♒ 30'24	26°48'36	evening max el		-11893 Feb 22 j 23:59	3° ♒ 57'23	25°44'34	
desc. node	-11894 Mar 25 j 21:43	29° ♒ 52'05		retrograde		-11893 Mar 09 j 01:54	11° ♒ 10'27		
retrograde	-11894 Mar 27 j 04:11	29° ♒ 56'15		desc. node		-11893 Mar 12 j 18:46	10° ♒ 37'11		
evening set	-11894 Apr 02 j 12:04	28° ♒ 10'12		evening set		-11893 Mar 14 j 12:45	9° ♒ 59'00		
min. Earth dist.	-11894 Apr 06 j 15:01	25° ♒ 19'34	0.60108 AU	min. Earth dist.		-11893 Mar 19 j 13:18	7° ♒ 04'19	0.58173 AU	
inferior conj	-11894 Apr 09 j 22:47	22° ♒ 32'33	-3°04'18	inferior conj		-11893 Mar 22 j 17:35	4° ♒ 46'18	-2°17'19	
minimum elong	-11894 Apr 09 j 20:13	22° ♒ 37'59	3°04'36	minimum elong		-11893 Mar 22 j 14:00	4° ♒ 52'51	2°17'10	
morning rise	-11894 Apr 17 j 06:48	17° ♒ 48'40		morning rise		-11893 Mar 30 j 18:24	0° ♒ 22'02		
direct	-11894 Apr 19 j 18:07	17° ♒ 24'52		direct		-11893 Apr 02 j 01:32	0° ♒ 04'51		
morning max el	-11894 Apr 26 j 23:40	20° ♒ 57'01	18°13'58	morning max el		-11893 Apr 10 j 07:01	4° ♒ 00'17	18°45'09	
	-11894 May 03 j 20:59	0° ♓		asc. node		-11893 Apr 21 j 18:14	20° ♒ 46'00		
asc. node	-11894 May 04 j 21:21	1° ♓ 39'22		morning set		-11893 Apr 26 j 15:55	0° ♓ 04'17		
morning set	-11894 May 13 j 02:03	16° ♓ 24'35				-11893 Apr 26 j 15:02	0° ♓		
	-11894 May 20 j 09:45	0° ♓							
superior conj	-11894 May 23 j 02:21	4° ♓ 52'24	1°48'08	superior conj		-11893 May 05 j 15:15	17° ♓ 21'31	1°38'33	
minimum elong	-11894 May 23 j 01:11	4° ♓ 47'10	1°47'48	minimum elong		-11893 May 05 j 12:30	17° ♓ 08'35	1°37'53	
max. Earth dist.	-11894 May 30 j 11:44	17° ♓ 45'59	1.41001 AU	max. Earth dist.		-11893 May 12 j 12:41	29° ♓ 58'01	1.39133 AU	
evening rise	-11894 Jun 04 j 23:07	26° ♓ 51'41				-11893 May 12 j 13:08	0° ♓		
	-11894 Jun 06 j 21:42	0° ♑		evening rise		-11893 May 16 j 17:47	7° ♓ 17'43		
desc. node	-11894 Jun 21 j 19:05	22° ♑ 43'54				-11893 May 30 j 21:59	0° ♑		
	-11894 Jun 26 j 22:31	0° ♒		desc. node		-11893 Jun 08 j 16:34	12° ♑ 37'09		
evening max el	-11894 Jul 08 j 14:43	14° ♒ 22'21	22°38'49	evening max el		-11893 Jun 21 j 01:51	27° ♑ 42'24	24°01'07	
retrograde	-11894 Jul 18 j 07:41	20° ♒ 07'45				-11893 Jun 23 j 12:32	0° ♒		
evening set	-11894 Jul 23 j 01:35	18° ♒ 09'21		retrograde		-11893 Jul 01 j 22:49	4° ♒ 09'07		
inferior conj	-11894 Jul 28 j 06:55	11° ♒ 56'03	-1°07'08	evening set		-11893 Jul 07 j 07:29	1° ♒ 49'57		
minimum elong	-11894 Jul 28 j 08:14	11° ♒ 51'27	1°06'13			-11893 Jul 09 j 02:45	30° ♒ ♑		
min. Earth dist.	-11894 Jul 28 j 06:41	11° ♒ 56'50	0.67237 AU	min. Earth dist.		-11893 Jul 12 j 01:42	26° ♑ 12'56	0.67145 AU	
asc. node	-11894 Jul 31 j 22:23	7° ♒ 15'28		inferior conj		-11893 Jul 12 j 13:00	25° ♑ 34'22	-1°50'25	
morning rise	-11894 Aug 02 j 14:48	5° ♒ 38'43		minimum elong		-11893 Jul 12 j 15:00	25° ♑ 27'33	1°49'31	
direct	-11894 Aug 07 j 01:46	3° ♒ 51'20		morning rise		-11893 Jul 17 j 22:29	19° ♑ 23'53		
morning max el	-11894 Aug 16 j 11:48	9° ♒ 30'56	22°13'26	asc. node		-11893 Jul 18 j 19:12	18° ♑ 48'52		
				direct		-11893 Jul 21 j 21:41	17° ♑ 54'19		

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

morning max el	-11893 Jul 30 j 06:09	22° Υ 52'02	20°55'47	morning set	-11892 Aug 06 j 14:48	12° S 52'43	
	-11893 Aug 05 j 05:27	0° S			-11892 Aug 17 j 12:17	0° II	
	-11893 Aug 25 j 15:47	0° II		max. Earth dist.	-11892 Aug 19 j 04:35	2° II 40'09	1.44109 AU
morning set	-11893 Aug 28 j 11:16	4° II 22'01		desc. node	-11892 Aug 21 j 10:54	6° II 17'05	
desc. node	-11893 Sep 04 j 13:40	15° II 36'17					
max. Earth dist.	-11893 Sep 06 j 15:41	18° II 58'08	1.42986 AU	superior conj	-11892 Aug 23 j 01:45	8° II 53'12	-0°09'42
				minimum elong	-11892 Aug 23 j 00:44	8° II 49'05	0°08'57
superior conj	-11893 Sep 13 j 01:18	29° II 31'52	-0°49'32	behind sun begin	-11892 Aug 22 j 15:35	8° II 12'13	
minimum elong	-11893 Sep 12 j 21:16	29° II 14'56	0°48'23	behind sun end	-11892 Aug 23 j 09:54	9° II 26'00	
	-11893 Sep 13 j 08:00	0° S			-11892 Sep 04 j 21:26	0° S	
evening rise	-11893 Sep 25 j 01:45	20° S 20'23		evening rise	-11892 Sep 06 j 02:35	2° S 02'41	
	-11893 Sep 30 j 13:20	0° Ω			-11892 Sep 24 j 07:27	0° Ω	
evening max el	-11893 Oct 11 j 22:52	16° Ω 49'05	18°07'21	evening max el	-11892 Sep 24 j 12:33	0° Ω 13'11	18°20'11
asc. node	-11893 Oct 14 j 19:02	19° Ω 08'43		asc. node	-11892 Sep 30 j 16:11	3° Ω 48'54	
retrograde	-11893 Oct 18 j 16:08	20° Ω 21'38		retrograde	-11892 Oct 01 j 03:21	3° Ω 50'04	
evening set	-11893 Oct 21 j 05:59	19° Ω 49'54		evening set	-11892 Oct 03 j 21:29	3° Ω 09'43	
inferior conj	-11893 Oct 27 j 22:34	14° Ω 37'47	3°28'19		-11892 Oct 07 j 23:32	30° R S	
minimum elong	-11893 Oct 27 j 18:46	14° Ω 47'19	3°27'59	inferior conj	-11892 Oct 10 j 03:46	27° S 39'55	2°43'38
min. Earth dist.	-11893 Oct 30 j 15:10	11° Ω 56'45	0.62261 AU	minimum elong	-11892 Oct 10 j 00:15	27° S 49'41	2°43'13
morning rise	-11893 Nov 03 j 06:29	8° Ω 50'09		min. Earth dist.	-11892 Oct 12 j 07:54	25° S 15'01	0.63829 AU
direct	-11893 Nov 10 j 07:57	6° Ω 17'52		morning rise	-11892 Oct 16 j 02:15	21° S 38'26	
morning max el	-11893 Nov 24 j 03:18	13° Ω 47'44	27°33'32	direct	-11892 Oct 22 j 23:53	18° S 55'04	
desc. node	-11893 Dec 01 j 14:16	22° Ω 10'11		morning max el	-11892 Nov 05 j 11:56	26° S 28'05	27°24'45
	-11893 Dec 07 j 08:27	0° II			-11892 Nov 08 j 20:52	0° Ω	
	-11893 Dec 24 j 21:23	0° Ω		desc. node	-11892 Nov 17 j 10:57	10° Ω 47'49	
morning set	-11893 Dec 27 j 06:34	4° Ω 45'54			-11892 Nov 29 j 20:27	0° II	
max. Earth dist.	-11892 Jan 02 j 02:31	17° Ω 00'14	1.33100 AU	morning set	-11892 Dec 10 j 03:42	18° II 58'50	
				max. Earth dist.	-11892 Dec 15 j 06:33	29° II 24'15	1.33774 AU
					-11892 Dec 15 j 13:23	0° Ω	
superior conj	-11892 Jan 03 j 14:58	20° Ω 17'03	-1°01'54				
minimum elong	-11892 Jan 03 j 16:58	20° Ω 27'54	1°01'49	superior conj	-11892 Dec 17 j 23:00	5° Ω 04'30	-1°18'11
	-11892 Jan 08 j 02:36	0° II		minimum elong	-11892 Dec 18 j 01:03	5° Ω 15'26	1°17'59
evening rise	-11892 Jan 10 j 16:03	5° II 27'01		evening rise	-11892 Dec 25 j 03:12	20° Ω 22'07	
asc. node	-11892 Jan 10 j 16:40	5° II 30'13		asc. node	-11892 Dec 27 j 14:02	25° Ω 25'21	
	-11892 Jan 23 j 21:47	0° S			-11892 Dec 29 j 21:26	0° II	
evening max el	-11892 Feb 04 j 17:48	14° S 56'01	24°19'12	evening max el	-11891 Jan 16 j 11:39	25° II 48'22	22°45'23
retrograde	-11892 Feb 18 j 12:07	21° S 46'44			-11891 Jan 22 j 02:10	0° S	
evening set	-11892 Feb 22 j 20:54	21° S 03'59		retrograde	-11891 Jan 29 j 10:22	2° S 02'19	
desc. node	-11892 Feb 27 j 15:45	18° S 51'48		evening set	-11891 Feb 01 j 20:03	1° S 36'58	
min. Earth dist.	-11892 Feb 29 j 07:07	17° S 52'44	0.56573 AU		-11891 Feb 06 j 04:03	30° R II	
inferior conj	-11892 Mar 02 j 16:37	16° S 21'40	-1°00'25	min. Earth dist.	-11891 Feb 09 j 22:49	27° II 56'59	0.55618 AU
minimum elong	-11892 Mar 02 j 14:20	16° S 25'18	1°00'23	inferior conj	-11891 Feb 10 j 22:24	27° II 22'45	0°39'54
morning rise	-11892 Mar 11 j 10:48	12° S 13'12		minimum elong	-11891 Feb 11 j 00:05	27° II 20'18	0°38'48
direct	-11892 Mar 13 j 14:49	12° S 00'24		desc. node	-11891 Feb 13 j 12:37	25° II 54'37	
morning max el	-11892 Mar 23 j 06:42	16° S 34'13	19°36'02	morning rise	-11891 Feb 20 j 05:29	23° II 19'27	
	-11892 Apr 02 j 02:19	0° S		direct	-11891 Feb 22 j 12:16	23° II 07'04	
asc. node	-11892 Apr 07 j 15:11	10° S 18'28		morning max el	-11891 Mar 05 j 20:06	28° II 30'47	20°46'09
morning set	-11892 Apr 09 j 15:17	14° S 16'36			-11891 Mar 07 j 07:32	0° S	
	-11892 Apr 17 j 11:47	0° \approx		morning set	-11891 Mar 24 j 21:13	28° S 53'33	
superior conj	-11892 Apr 17 j 20:23	0° \approx 42'18	1°22'07		-11891 Mar 25 j 10:12	0° S	
minimum elong	-11892 Apr 17 j 17:21	0° \approx 27'23	1°21'09	asc. node	-11891 Mar 25 j 12:14	0° S 10'29	
max. Earth dist.	-11892 Apr 23 j 13:53	11° \approx 41'52	1.37311 AU				
evening rise	-11892 Apr 27 j 14:26	19° \approx 03'07		superior conj	-11891 Apr 01 j 13:16	14° S 42'10	1°01'32
	-11892 May 03 j 22:17	0° II		minimum elong	-11891 Apr 01 j 10:44	14° S 29'14	1°00'28
	-11892 May 23 j 23:58	0° Υ		max. Earth dist.	-11891 Apr 05 j 21:54	23° S 26'38	1.35735 AU
desc. node	-11892 May 25 j 14:04	2° Υ 02'14			-11891 Apr 09 j 07:29	0° \approx	
evening max el	-11892 Jun 02 j 11:21	11° Υ 03'22	25°19'35	evening rise	-11891 Apr 10 j 07:44	1° \approx 53'57	
retrograde	-11892 Jun 14 j 10:07	18° Υ 04'18			-11891 Apr 26 j 22:32	0° II	
evening set	-11892 Jun 20 j 09:09	15° Υ 28'07		desc. node	-11891 May 12 j 11:28	20° II 47'41	
min. Earth dist.	-11892 Jun 24 j 17:51	10° Υ 29'22	0.66708 AU	evening max el	-11891 May 15 j 21:32	24° II 24'45	26°25'26
inferior conj	-11892 Jun 25 j 17:14	9° Υ 12'22	-2°27'59		-11891 May 22 j 21:07	0° Υ	
minimum elong	-11892 Jun 25 j 19:33	9° Υ 04'45	2°27'18	retrograde	-11891 May 28 j 16:47	1° Υ 47'33	
morning rise	-11892 Jul 01 j 05:59	3° Υ 11'52			-11891 Jun 02 j 22:31	30° R II	
direct	-11892 Jul 04 j 19:22	1° Υ 58'20		evening set	-11891 Jun 04 j 04:19	29° II 01'42	
asc. node	-11892 Jul 04 j 15:59	1° Υ 58'27		min. Earth dist.	-11891 Jun 08 j 04:57	24° II 42'03	0.65902 AU
morning max el	-11892 Jul 12 j 06:59	6° Υ 19'27	19°49'13	inferior conj	-11891 Jun 09 j 17:40	22° II 48'04	-2°58'15
	-11892 Jul 29 j 07:31	0° S		minimum elong	-11891 Jun 09 j 19:51	22° II 41'15	2°57'57

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

morning rise	-11891 Jun 15 j 11:33	17° X 00'17	direct	-11890 Jun 02 j 12:24	29° \approx 57'51	
direct	-11891 Jun 18 j 17:01	16° X 00'41		-11890 Jun 03 j 03:29	0° X	
asc. node	-11891 Jun 21 j 12:46	16° X 43'51	asc. node	-11890 Jun 08 j 09:34	2° X 52'20	
morning max el	-11891 Jun 25 j 13:49	19° X 52'50 18°57'10	morning max el	-11890 Jun 09 j 01:09	3° X 30'06 18°21'44	
	-11891 Jul 03 j 08:19	0° Y		-11890 Jun 26 j 16:21	0° Y	
morning set	-11891 Jul 17 j 08:11	22° Y 02'24	morning set	-11890 Jun 28 j 01:53	2° Y 19'44	
	-11891 Jul 22 j 07:53	0° Z				
			superior conj	-11890 Jul 12 j 07:40	25° Y 37'10 1°15'24	
superior conj	-11891 Aug 02 j 05:20	17° Z 16'12 0°35'45	minimum elong	-11890 Jul 12 j 14:16	26° Y 03'38 1°15'04	
minimum elong	-11891 Aug 02 j 09:35	17° Z 33'01 0°35'44		-11890 Jul 15 j 01:31	0° Z	
max. Earth dist.	-11891 Aug 01 j 20:30	16° Z 41'15 1.44578 AU	max. Earth dist.	-11890 Jul 15 j 12:57	0° Z 45'27 1.44344 AU	
desc. node	-11891 Aug 08 j 08:11	26° Z 58'09	desc. node	-11890 Jul 26 j 05:32	17° Z 36'17	
	-11891 Aug 10 j 05:54	0° II	evening rise	-11890 Jul 28 j 22:59	21° Z 52'13	
evening rise	-11891 Aug 18 j 02:24	12° II 35'06		-11890 Aug 03 j 04:11	0° II	
	-11891 Aug 28 j 23:36	0° III	greatest brilliancy	-11890 Aug 09 j 01:39	9° II 05'10 -0.7m	
evening max el	-11891 Sep 08 j 01:01	13° III 42'49 18°50'37	evening max el	-11890 Aug 22 j 09:35	27° II 13'12 19°37'26	
retrograde	-11891 Sep 14 j 20:24	17° III 32'28		-11890 Aug 25 j 15:31	0° III	
evening set	-11891 Sep 17 j 21:11	16° III 40'21	retrograde	-11890 Aug 29 j 16:24	1° III 24'35	
asc. node	-11891 Sep 17 j 13:16	16° III 51'01	evening set	-11890 Sep 02 j 02:10	0° III 17'16	
inferior conj	-11891 Sep 23 j 18:42	10° III 55'49 1°53'27		-11890 Sep 02 j 12:05	30° R II	
minimum elong	-11891 Sep 23 j 16:08	11° III 03'38 1°53'14	asc. node	-11890 Sep 04 j 10:17	28° II 16'36	
min. Earth dist.	-11891 Sep 25 j 10:05	8° III 56'29 0.65114 AU	inferior conj	-11890 Sep 07 j 16:39	24° II 20'57 1°01'18	
morning rise	-11891 Sep 29 j 10:33	4° III 44'09	minimum elong	-11890 Sep 07 j 15:15	24° II 25'30 1°01'26	
direct	-11891 Oct 05 j 22:25	2° III 02'03	min. Earth dist.	-11890 Sep 08 j 20:02	22° II 52'21 0.66092 AU	
morning max el	-11891 Oct 18 j 22:02	9° III 29'52 26°45'25	morning rise	-11890 Sep 13 j 04:02	18° II 02'50	
desc. node	-11891 Nov 04 j 07:39	0° II 07'19	direct	-11890 Sep 19 j 02:42	15° II 31'11	
	-11891 Nov 04 j 05:39	0° II	morning max el	-11890 Oct 01 j 08:01	22° II 42'23 25°42'41	
	-11891 Nov 22 j 05:18	0° III		-11890 Oct 07 j 19:56	0° III	
morning set	-11891 Nov 23 j 14:04	2° III 34'42	desc. node	-11890 Oct 22 j 04:26	19° III 56'37	
max. Earth dist.	-11891 Nov 28 j 00:43	11° III 15'56 1.34879 AU		-11890 Oct 28 j 12:33	0° II	
			morning set	-11890 Nov 06 j 09:23	15° II 21'07	
superior conj	-11891 Dec 02 j 02:02	19° III 32'38 -1°30'28	max. Earth dist.	-11890 Nov 10 j 08:24	22° II 43'16 1.36409 AU	
minimum elong	-11891 Dec 02 j 03:39	19° III 41'03 1°30'12		-11890 Nov 14 j 02:31	0° III	
	-11891 Dec 07 j 01:51	0° IV				
evening rise	-11891 Dec 09 j 12:46	5° IV 07'26	superior conj	-11890 Nov 15 j 21:25	3° III 33'14 -1°37'25	
asc. node	-11891 Dec 14 j 11:23	15° IV 01'24	minimum elong	-11890 Nov 15 j 22:02	3° III 36'23 1°37'05	
	-11891 Dec 23 j 11:18	0° V	evening rise	-11890 Nov 23 j 19:00	19° III 37'42	
evening max el	-11891 Dec 29 j 10:47	6° V 55'59 21°15'43		-11890 Nov 29 j 01:31	0° IV	
retrograde	-11890 Jan 10 j 00:43	12° V 23'01	asc. node	-11890 Dec 01 j 08:43	4° IV 11'12	
evening set	-11890 Jan 12 j 20:51	12° V 04'32	evening max el	-11890 Dec 11 j 19:01	18° IV 33'37 19°59'39	
inferior conj	-11890 Jan 21 j 19:50	8° V 05'07 2°21'34	retrograde	-11890 Dec 21 j 19:00	23° IV 15'41	
minimum elong	-11890 Jan 22 j 01:10	7° V 57'28 2°19'41	evening set	-11890 Dec 24 j 09:27	22° IV 58'02	
min. Earth dist.	-11890 Jan 22 j 12:58	7° V 40'32 0.55508 AU	inferior conj	-11889 Jan 01 j 22:12	18° IV 55'15 3°37'03	
morning rise	-11890 Jan 31 j 04:41	3° V 52'14	minimum elong	-11889 Jan 02 j 03:18	18° IV 47'20 3°35'57	
desc. node	-11890 Jan 31 j 09:24	3° V 49'48	min. Earth dist.	-11889 Jan 04 j 02:01	17° IV 35'18 0.56247 AU	
direct	-11890 Feb 03 j 03:22	3° V 33'00	morning rise	-11889 Jan 10 j 19:16	14° IV 21'17	
morning max el	-11890 Feb 15 j 22:00	9° V 46'03 22°13'00	direct	-11889 Jan 14 j 22:58	13° IV 43'00	
	-11890 Mar 02 j 07:01	0° VI	desc. node	-11889 Jan 18 j 06:08	14° IV 07'51	
morning set	-11890 Mar 09 j 07:15	13° VI 46'43	morning max el	-11889 Jan 28 j 15:06	20° IV 31'50 23°49'28	
asc. node	-11890 Mar 12 j 09:20	20° VI 15'40		-11889 Feb 05 j 15:19	0° V	
			morning set	-11889 Feb 21 j 19:23	28° IV 49'05	
superior conj	-11890 Mar 16 j 14:20	29° VI 09'37 0°38'46		-11889 Feb 22 j 08:53	0° VI	
minimum elong	-11890 Mar 16 j 12:42	29° VI 00'58 0°37'47	asc. node	-11889 Feb 27 j 06:29	10° VI 29'11	
	-11890 Mar 16 j 23:56	0° VII				
max. Earth dist.	-11890 Mar 19 j 16:11	5° VII 33'25 1.34488 AU	superior conj	-11889 Feb 28 j 20:58	13° VI 56'08 0°15'11	
evening rise	-11890 Mar 24 j 16:04	15° VII 32'45	minimum elong	-11889 Feb 28 j 20:20	13° VI 52'47 0°14'26	
	-11890 Apr 01 j 12:09	0° \approx	behind sun begin	-11889 Feb 28 j 18:14	13° VI 41'33	
	-11890 Apr 21 j 11:49	0° X	behind sun end	-11889 Feb 28 j 22:26	14° VI 04'02	
evening max el	-11890 Apr 28 j 08:33	7° X 39'12 27°10'19	max. Earth dist.	-11889 Mar 02 j 19:58	18° VI 07'05 1.33588 AU	
desc. node	-11890 Apr 29 j 08:48	8° X 37'11	evening rise	-11889 Mar 08 j 11:05	29° VI 45'36	
retrograde	-11890 May 11 j 18:06	15° X 11'46		-11889 Mar 08 j 13:58	0° VII	
evening set	-11890 May 18 j 14:17	12° X 26'47		-11889 Mar 25 j 14:26	0° \approx	
min. Earth dist.	-11890 May 22 j 08:49	8° X 44'05 0.64703 AU	evening max el	-11889 Apr 10 j 18:32	20° \approx 34'16 27°27'16	
inferior conj	-11890 May 24 j 11:57	6° X 17'54 -3°19'07	desc. node	-11889 Apr 16 j 06:05	25° \approx 07'36	
minimum elong	-11890 May 24 j 13:29	6° X 13'32 3°19'15	retrograde	-11889 Apr 24 j 13:16	28° \approx 08'23	
morning rise	-11890 May 30 j 13:08	0° X 45'33	evening set	-11889 May 01 j 11:53	25° \approx 36'50	
	-11890 Jun 01 j 21:21	30° R \approx	min. Earth dist.	-11889 May 05 j 03:51	22° \approx 24'22 0.63125 AU	

































































































































Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

inferior conj	-11889 May 07 j 21:19	19° \approx 36'03	-3°27'32		-11888 Feb 28 j 16:05	0° Z	
minimum elong	-11889 May 07 j 21:33	19° \approx 35'26	3°27'59		-11888 Mar 20 j 03:45	0° \approx	
morning rise	-11889 May 14 j 08:17	14° \approx 21'31		evening max el	-11888 Mar 23 j 01:06	2° \approx 58'53	27°12'05
direct	-11889 May 17 j 02:32	13° \approx 44'10		desc. node	-11888 Apr 02 j 03:17	9° \approx 49'01	
morning max el	-11889 May 23 j 14:49	17° \approx 06'50	18°04'08	retrograde	-11888 Apr 06 j 01:38	10° \approx 29'46	
asc. node	-11889 May 26 j 06:22	20° \approx 07'34		evening set	-11888 Apr 12 j 17:53	8° \approx 24'08	
	-11889 Jun 01 j 20:20	0° X		min. Earth dist.	-11888 Apr 16 j 13:47	5° \approx 29'57	0.61248 AU
morning set	-11889 Jun 09 j 20:11	13° X 46'03		inferior conj	-11888 Apr 19 j 18:32	2° \approx 36'03	-3°19'05
	-11889 Jun 19 j 06:41	0° Y		minimum elong	-11888 Apr 19 j 17:00	2° \approx 39'34	3°19'34
					-11888 Apr 22 j 19:13	30° RZ	
superior conj	-11889 Jun 22 j 05:03	4° Y 54'15	1°40'21	morning rise	-11888 Apr 26 j 18:04	27° Z 41'06	
minimum elong	-11889 Jun 22 j 09:15	5° Y 11'40	1°40'09	direct	-11888 Apr 29 j 07:52	27° Z 12'47	
max. Earth dist.	-11889 Jun 28 j 02:46	14° Y 34'14	1.43441 AU		-11888 May 05 j 12:06	0° \approx	
	-11889 Jul 07 j 20:33	0° B		morning max el	-11888 May 06 j 04:21	0° \approx 37'37	18°05'01
evening rise	-11889 Jul 08 j 00:55	0° B 16'59		asc. node	-11888 May 12 j 03:12	8° \approx 15'25	
desc. node	-11889 Jul 13 j 02:57	8° B 07'44		morning set	-11888 May 22 j 11:06	26° \approx 12'59	
	-11889 Jul 27 j 22:01	0° II			-11888 May 24 j 12:52	0° X	
evening max el	-11889 Aug 05 j 11:59	10° II 39'57	20°39'02				
retrograde	-11889 Aug 13 j 13:07	15° II 22'30		superior conj	-11888 Jun 02 j 05:31	15° X 32'09	1°49'09
evening set	-11889 Aug 17 j 09:57	13° II 56'52		minimum elong	-11888 Jun 02 j 06:00	15° X 34'14	1°48'58
asc. node	-11889 Aug 22 j 07:15	8° II 32'15		max. Earth dist.	-11888 Jun 09 j 11:01	27° X 49'34	1.41994 AU
inferior conj	-11889 Aug 22 j 19:18	7° II 51'38	0°09'30		-11888 Jun 10 j 18:35	0° Y	
minimum elong	-11889 Aug 22 j 19:04	7° II 52'24	0°10'01	evening rise	-11888 Jun 16 j 05:35	8° Y 49'56	
transit middle	-11889 Aug 22 j 19:04	7° II 52'24	0°10'01	desc. node	-11888 Jun 29 j 00:24	28° Y 28'45	
transit begin	-11889 Aug 22 j 16:54	7° II 59'42			-11888 Jun 30 j 01:06	0° B	
transit end	-11889 Aug 22 j 21:14	7° II 45'05		evening max el	-11888 Jul 18 j 07:21	24° B 02'24	21°52'38
min. Earth dist.	-11889 Aug 23 j 11:36	6° II 56'30	0.66766 AU	retrograde	-11888 Jul 27 j 08:46	29° B 24'09	
morning rise	-11889 Aug 28 j 04:01	1° II 30'47		evening set	-11888 Jul 31 j 18:31	27° B 37'58	
	-11889 Aug 30 j 09:29	30° R B		inferior conj	-11888 Aug 06 j 00:43	21° B 26'41	-0°40'08
direct	-11889 Sep 02 j 12:18	29° B 15'00		minimum elong	-11888 Aug 06 j 01:32	21° B 23'50	0°39'18
	-11889 Sep 05 j 20:57	0° II		min. Earth dist.	-11888 Aug 06 j 06:30	21° B 06'39	0.67149 AU
morning max el	-11889 Sep 13 j 17:50	5° II 57'45	24°24'59	asc. node	-11888 Aug 08 j 04:10	18° B 33'04	
	-11889 Oct 02 j 09:41	0° B		morning rise	-11888 Aug 11 j 08:27	15° B 06'50	
desc. node	-11889 Oct 09 j 01:16	10° B 06'21		direct	-11888 Aug 16 j 02:44	13° B 09'04	
morning set	-11889 Oct 19 j 08:24	27° B 03'47		morning max el	-11888 Aug 26 j 04:59	19° B 13'39	23°01'07
	-11889 Oct 21 j 00:49	0° O			-11888 Sep 04 j 04:48	0° II	
max. Earth dist.	-11889 Oct 23 j 08:45	4° O 08'50	1.38262 AU	desc. node	-11888 Sep 24 j 22:11	0° B 30'24	
					-11888 Sep 24 j 14:32	0° B	
superior conj	-11889 Oct 30 j 05:36	16° O 55'30	-1°37'19	morning set	-11888 Sep 29 j 06:18	7° B 31'37	
minimum elong	-11889 Oct 30 j 04:39	16° O 50'58	1°36'48	max. Earth dist.	-11888 Oct 04 j 07:49	16° B 01'30	1.40242 AU
	-11889 Nov 05 j 21:55	0° P					
evening rise	-11889 Nov 07 j 19:43	3° P 46'31		superior conj	-11888 Oct 11 j 22:00	29° B 26'50	-1°28'01
asc. node	-11889 Nov 18 j 06:01	22° P 45'57		minimum elong	-11888 Oct 11 j 19:09	29° B 13'51	1°27'12
	-11889 Nov 23 j 19:16	0° B			-11888 Oct 12 j 05:16	0° O	
evening max el	-11889 Nov 24 j 13:29	0° B 45'21	19°02'21	evening rise	-11888 Oct 21 j 12:17	17° O 27'00	
retrograde	-11889 Dec 03 j 03:58	4° B 52'40			-11888 Oct 28 j 06:43	0° P	
evening set	-11889 Dec 05 j 15:58	4° B 33'16		asc. node	-11888 Nov 04 j 03:19	10° P 34'28	
inferior conj	-11889 Dec 13 j 16:05	0° B 14'54	4°13'08	evening max el	-11888 Nov 06 j 16:55	13° P 27'06	18°25'23
minimum elong	-11889 Dec 13 j 17:47	0° B 11'53	4°13'04	retrograde	-11888 Nov 14 j 06:34	17° P 11'57	
	-11889 Dec 14 j 00:30	30° R P		evening set	-11888 Nov 16 j 17:54	16° P 49'09	
min. Earth dist.	-11889 Dec 16 j 16:02	28° P 08'47	0.57639 AU	inferior conj	-11888 Nov 24 j 05:15	12° P 10'16	4°13'45
morning rise	-11889 Dec 21 j 17:36	25° P 16'34		minimum elong	-11888 Nov 24 j 03:34	12° P 13'43	4°13'52
direct	-11889 Dec 27 j 05:15	24° P 05'45		min. Earth dist.	-11888 Nov 27 j 10:11	9° P 34'42	0.59405 AU
desc. node	-11888 Jan 05 j 02:50	27° P 06'22		morning rise	-11888 Dec 01 j 11:30	6° P 50'18	
	-11888 Jan 08 j 21:13	0° B		direct	-11888 Dec 07 j 23:20	5° P 01'29	
morning max el	-11888 Jan 10 j 05:52	1° B 14'58	25°22'43	desc. node	-11888 Dec 21 j 23:29	12° P 19'28	
	-11888 Jan 30 j 08:02	0° M		morning max el	-11888 Dec 22 j 00:24	12° P 21'40	26°37'41
morning set	-11888 Feb 06 j 07:49	13° M 54'25			-11887 Jan 04 j 22:47	0° B	
				morning set	-11887 Jan 20 j 18:43	28° B 55'06	
superior conj	-11888 Feb 13 j 07:03	28° M 55'02	-0°08'11		-11887 Jan 21 j 07:07	0° M	
minimum elong	-11888 Feb 13 j 07:24	28° M 56'59	0°08'40				
behind sun begin	-11888 Feb 13 j 03:10	28° M 33'56		superior conj	-11887 Jan 27 j 18:45	13° M 58'58	-0°30'31
behind sun end	-11888 Feb 13 j 11:39	29° M 20'02		minimum elong	-11887 Jan 27 j 19:57	14° M 05'31	0°30'44
	-11888 Feb 13 j 19:00	0° X		max. Earth dist.	-11887 Jan 27 j 19:28	14° M 02'53	1.32785 AU
asc. node	-11888 Feb 14 j 03:39	0° X 46'55		asc. node	-11887 Jan 31 j 00:53	21° M 04'16	
max. Earth dist.	-11888 Feb 14 j 06:16	1° X 01'03	1.33022 AU	evening rise	-11887 Feb 03 j 20:51	29° M 12'51	
evening rise	-11888 Feb 20 j 13:32	14° X 22'06			-11887 Feb 04 j 05:56	0° X	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11887 Feb 21 j 01:50	0°♂		evening rise	-11886 Jan 19 j 07:03	14°♂10'45	
evening max el	-11887 Mar 05 j 02:29	14°♂46'13	26°24'40		-11886 Jan 27 j 08:23	0°♂	
retrograde	-11887 Mar 19 j 05:41	22°♂08'30		evening max el	-11886 Feb 14 j 22:41	25°♂59'47	25°10'14
desc. node	-11887 Mar 20 j 00:25	22°♂06'56			-11886 Feb 19 j 21:42	0°♂	
evening set	-11887 Mar 25 j 05:30	20°♂37'10		retrograde	-11886 Feb 28 j 22:53	3°♂04'45	
min. Earth dist.	-11887 Mar 29 j 15:53	17°♂46'26	0.59257 AU	evening set	-11886 Mar 05 j 22:32	2°♂07'01	
inferior conj	-11887 Apr 01 j 23:55	15°♂08'48	-2°47'57	desc. node	-11886 Mar 06 j 21:27	1°♂43'29	
minimum elong	-11887 Apr 01 j 20:43	15°♂15'08	2°48'03		-11886 Mar 10 j 02:46	30°♂♂	
morning rise	-11887 Apr 09 j 14:52	10°♂33'43		min. Earth dist.	-11886 Mar 11 j 12:17	29°♂06'24	0.57433 AU
direct	-11887 Apr 12 j 00:14	10°♂13'05		inferior conj	-11886 Mar 14 j 10:24	27°♂06'44	-1°48'20
morning max el	-11887 Apr 19 j 14:51	13°♂53'30	18°24'53	minimum elong	-11886 Mar 14 j 07:00	27°♂12'35	1°48'06
asc. node	-11887 Apr 29 j 00:03	27°♂03'06		morning rise	-11886 Mar 22 j 18:42	22°♂49'37	
	-11887 Apr 30 j 15:55	0°♂		direct	-11886 Mar 25 j 00:05	22°♂34'42	
morning set	-11887 May 05 j 17:48	9°♂28'33		morning max el	-11886 Apr 02 j 19:16	26°♂45'11	19°04'18
					-11886 Apr 05 j 18:24	0°♂	
superior conj	-11887 May 15 j 06:35	27°♂24'07	1°45'08	asc. node	-11886 Apr 15 j 20:58	16°♂21'24	
minimum elong	-11887 May 15 j 04:34	27°♂14'49	1°44'39	morning set	-11886 Apr 19 j 12:05	23°♂22'46	
	-11887 May 16 j 16:49	0°♂			-11886 Apr 22 j 20:38	0°♂	
max. Earth dist.	-11887 May 22 j 13:17	10°♂21'14	1.40210 AU	superior conj	-11886 Apr 28 j 02:57	10°♂16'12	1°32'15
evening rise	-11887 May 27 j 08:14	18°♂27'32		minimum elong	-11886 Apr 27 j 23:57	10°♂01'48	1°31'25
	-11887 Jun 03 j 11:54	0°♂		max. Earth dist.	-11886 May 04 j 13:24	22°♂17'19	1.38341 AU
desc. node	-11887 Jun 15 j 21:54	18°♂33'50		evening rise	-11886 May 08 j 14:28	29°♂28'31	
	-11887 Jun 24 j 10:12	0°♂			-11886 May 08 j 21:43	0°♂	
evening max el	-11887 Jun 30 j 20:45	7°♂22'14	23°13'48		-11886 May 27 j 20:09	0°♂	
retrograde	-11887 Jul 11 j 01:58	13°♂26'17		desc. node	-11886 Jun 02 j 19:25	8°♂16'02	
evening set	-11887 Jul 16 j 01:58	11°♂18'59		evening max el	-11886 Jun 13 j 06:58	20°♂42'44	24°35'38
inferior conj	-11887 Jul 21 j 07:05	5°♂04'15	-1°26'08	retrograde	-11886 Jun 24 j 15:30	27°♂25'02	
minimum elong	-11887 Jul 21 j 08:44	4°♂58'34	1°25'11	evening set	-11886 Jun 30 j 06:18	24°♂58'17	
min. Earth dist.	-11887 Jul 21 j 02:16	5°♂20'53	0.67231 AU	min. Earth dist.	-11886 Jul 04 j 20:26	19°♂37'05	0.66998 AU
	-11887 Jul 25 j 08:12	30°♂♂		inferior conj	-11886 Jul 05 j 12:37	18°♂42'30	-2°07'11
asc. node	-11887 Jul 26 j 01:02	29°♂19'38		minimum elong	-11886 Jul 05 j 14:48	18°♂35'09	2°06'19
morning rise	-11887 Jul 26 j 15:26	28°♂49'10		morning rise	-11886 Jul 10 j 23:15	12°♂35'41	
direct	-11887 Jul 30 j 21:07	27°♂09'30		asc. node	-11886 Jul 12 j 21:51	11°♂32'19	
	-11887 Aug 06 j 02:56	0°♂		direct	-11886 Jul 14 j 18:06	11°♂12'58	
morning max el	-11887 Aug 08 j 19:59	2°♂31'32	21°39'18	morning max el	-11886 Jul 22 j 16:54	15°♂54'18	20°25'51
	-11887 Aug 29 j 05:05	0°♂			-11886 Aug 02 j 14:02	0°♂	
morning set	-11887 Sep 09 j 02:30	16°♂46'24		morning set	-11886 Aug 19 j 06:38	25°♂17'25	
desc. node	-11887 Sep 11 j 19:13	21°♂04'07			-11886 Aug 22 j 07:01	0°♂	
max. Earth dist.	-11887 Sep 16 j 11:18	28°♂39'50	1.42085 AU	desc. node	-11886 Aug 29 j 16:21	11°♂43'09	
	-11887 Sep 17 j 06:42	0°♂		max. Earth dist.	-11886 Aug 29 j 21:18	12°♂03'03	1.43536 AU
superior conj	-11887 Sep 23 j 17:05	10°♂53'05	-1°07'16	superior conj	-11886 Sep 04 j 09:30	21°♂00'33	-0°33'54
minimum elong	-11887 Sep 23 j 12:53	10°♂35'00	1°06'10	minimum elong	-11886 Sep 04 j 06:17	20°♂47'20	0°32'50
	-11887 Oct 04 j 10:24	0°♂			-11886 Sep 09 j 18:56	0°♂	
evening rise	-11887 Oct 04 j 17:13	0°♂31'00		evening rise	-11886 Sep 17 j 05:52	12°♂46'47	
evening max el	-11887 Oct 21 j 02:48	26°♂31'48	18°08'26		-11886 Sep 27 j 09:09	0°♂	
asc. node	-11887 Oct 22 j 00:36	27°♂22'59		evening max el	-11886 Oct 04 j 16:00	9°♂50'44	18°10'37
	-11887 Oct 26 j 22:16	0°♂		asc. node	-11886 Oct 08 j 21:49	12°♂54'42	
retrograde	-11887 Oct 28 j 00:54	0°♂05'36		retrograde	-11886 Oct 11 j 07:06	13°♂23'39	
	-11887 Oct 29 j 03:44	30°♂♂		evening set	-11886 Oct 13 j 22:37	12°♂48'28	
evening set	-11887 Oct 30 j 13:20	29°♂37'41		inferior conj	-11886 Oct 20 j 10:39	7°♂28'30	3°10'17
inferior conj	-11887 Nov 06 j 12:31	24°♂37'29	3°49'34	minimum elong	-11886 Oct 20 j 06:51	7°♂38'27	3°09'54
minimum elong	-11887 Nov 06 j 09:01	24°♂45'37	3°49'23	min. Earth dist.	-11886 Oct 22 j 22:05	4°♂53'04	0.62967 AU
min. Earth dist.	-11887 Nov 09 j 11:28	21°♂53'03	0.61255 AU	morning rise	-11886 Oct 26 j 14:12	1°♂34'55	
morning rise	-11887 Nov 13 j 03:25	18°♂59'21			-11886 Oct 29 j 03:40	30°♂♂	
direct	-11887 Nov 20 j 03:24	16°♂39'06		direct	-11886 Nov 02 j 15:09	28°♂56'15	
morning max el	-11887 Dec 04 j 01:12	24°♂05'55	27°22'57		-11886 Nov 07 j 09:21	0°♂	
desc. node	-11887 Dec 08 j 20:07	29°♂13'28		morning max el	-11886 Nov 16 j 07:29	6°♂27'18	27°33'48
	-11887 Dec 09 j 11:50	0°♂		desc. node	-11886 Nov 25 j 16:44	17°♂19'09	
	-11887 Dec 29 j 01:39	0°♂			-11886 Dec 04 j 10:29	0°♂	
morning set	-11886 Jan 05 j 02:10	13°♂44'01		morning set	-11886 Dec 20 j 03:51	28°♂12'16	
max. Earth dist.	-11886 Jan 11 j 08:04	27°♂00'12	1.32886 AU		-11886 Dec 21 j 01:09	0°♂	
superior conj	-11886 Jan 12 j 06:26	29°♂01'52	-0°51'06	max. Earth dist.	-11886 Dec 25 j 16:19	9°♂39'29	1.33345 AU
minimum elong	-11886 Jan 12 j 08:14	29°♂11'40	0°51'07	superior conj	-11886 Dec 27 j 16:19	13°♂56'30	-1°09'13
	-11886 Jan 12 j 17:06	0°♂		minimum elong	-11886 Dec 27 j 18:23	14°♂07'41	1°09'05
asc. node	-11886 Jan 17 j 22:11	11°♂17'01					

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening rise	-11885 Jan 03 j 18:19	29°  08'28		minimum elong	-11885 Dec 12 j 00:25	28°  46'28	1°23'44
	-11885 Jan 04 j 04:10	0°  0			-11885 Dec 12 j 14:20	0°  0	
asc. node	-11885 Jan 04 j 19:32	1°  19'58		evening rise	-11885 Dec 19 j 05:01	14°  00'03	
	-11885 Jan 21 j 12:42	0°  0		asc. node	-11885 Dec 22 j 16:53	21°  07'37	
evening max el	-11885 Jan 27 j 16:01	6°  53'08	23°39'30		-11885 Dec 27 j 10:15	0°  0	
retrograde	-11885 Feb 10 j 03:19	13°  29'02		evening max el	-11884 Jan 09 j 11:19	17°  48'32	22°05'53
evening set	-11885 Feb 14 j 01:33	12°  55'10		retrograde	-11884 Jan 21 j 21:06	23°  43'19	
min. Earth dist.	-11885 Feb 21 j 04:56	9°  33'33	0.56080 AU	evening set	-11884 Jan 25 j 00:03	23°  42'14	
desc. node	-11885 Feb 21 j 18:21	9°  13'24		inferior conj	-11884 Feb 03 j 02:03	19°  15'45	1°24'40
inferior conj	-11885 Feb 23 j 01:25	8°  26'17	-0°19'45	minimum elong	-11884 Feb 03 j 05:35	19°  10'42	1°23'04
minimum elong	-11885 Feb 23 j 00:35	8°  27'33	0°20'07	min. Earth dist.	-11884 Feb 02 j 19:30	19°  25'06	0.55467 AU
morning rise	-11885 Mar 04 j 02:00	4°  21'27		desc. node	-11884 Feb 08 j 15:10	16°  22'45	
direct	-11885 Mar 06 j 06:18	4°  09'18		morning rise	-11884 Feb 12 j 11:40	15°  10'45	
morning max el	-11885 Mar 16 j 14:43	9°  03'20	20°03'32	direct	-11884 Feb 14 j 23:25	14°  56'37	
	-11885 Mar 30 j 16:02	0°  0		morning max el	-11884 Feb 26 j 23:07	20°  41'33	21°21'28
asc. node	-11885 Apr 02 j 17:57	6°  02'58			-11884 Mar 05 j 13:40	0°  0	
morning set	-11885 Apr 03 j 14:36	7°  34'44		morning set	-11884 Mar 17 j 22:32	22°  31'29	
				asc. node	-11884 Mar 19 j 15:00	26°  01'05	
superior conj	-11885 Apr 11 j 13:33	23°  35'48	1°13'45		-11884 Mar 21 j 12:44	0°  0	
minimum elong	-11885 Apr 11 j 10:39	23°  40'21	1°12'44	superior conj	-11884 Mar 25 j 10:16	8°  07'32	0°52'03
	-11885 Apr 14 j 15:30	0°  0		minimum elong	-11884 Mar 25 j 08:05	7°  35'13	0°51'00
max. Earth dist.	-11885 Apr 16 j 17:16	3°  59'59	1.36607 AU	max. Earth dist.	-11884 Mar 29 j 05:37	15°  32'53	1.35158 AU
evening rise	-11885 Apr 20 j 20:38	11°  43'47		evening rise	-11884 Apr 02 j 20:53	24°  35'25	
	-11885 May 01 j 11:46	0°  0			-11884 Apr 05 j 13:48	0°  0	
desc. node	-11885 May 20 j 16:53	27°  12'56			-11884 Apr 23 j 23:16	0°  0	
	-11885 May 22 j 21:15	0°  0		desc. node	-11884 May 06 j 14:16	15°  14'46	
evening max el	-11885 May 26 j 16:46	4°  04'57	25°49'43	evening max el	-11884 May 08 j 03:13	17°  14'47	26°47'29
retrograde	-11885 Jun 08 j 00:42	11°  15'56		retrograde	-11884 May 21 j 05:03	24°  15'02	
evening set	-11885 Jun 14 j 05:29	8°  34'38		evening set	-11884 May 27 j 21:02	22°  10'46	
min. Earth dist.	-11885 Jun 18 j 10:37	3°  52'39	0.66414 AU	min. Earth dist.	-11884 May 31 j 18:40	18°  10'43	0.65442 AU
inferior conj	-11885 Jun 19 j 15:29	2°  19'47	-2°41'51	inferior conj	-11884 Jun 02 j 13:32	15°  15'58	-3°08'25
minimum elong	-11885 Jun 19 j 17:48	2°  12'18	2°41'18	minimum elong	-11884 Jun 02 j 15:31	15°  14'00	3°08'18
	-11885 Jun 21 j 12:06	30°  0		morning rise	-11884 Jun 08 j 10:17	10°  11'45	
morning rise	-11885 Jun 25 j 06:10	26°  14'27		direct	-11884 Jun 11 j 12:56	9°  17'30	
direct	-11885 Jun 28 j 16:04	25°  16'57		asc. node	-11884 Jun 15 j 15:25	10°  14'12	
asc. node	-11885 Jun 29 j 18:38	25°  18'46		morning max el	-11884 Jun 18 j 05:25	12°  15'47	18°40'03
morning max el	-11885 Jul 05 j 20:23	29°  14'14	19°25'13		-11884 Jun 30 j 07:54	0°  0	
	-11885 Jul 06 j 09:58	0°  0		morning set	-11884 Jul 08 j 17:08	13°  13'56	
	-11885 Jul 27 j 01:05	0°  0			-11884 Jul 18 j 21:26	0°  0	
morning set	-11885 Jul 29 j 14:05	3°  15'38		superior conj	-11884 Jul 23 j 23:25	8°  04'51	0°54'00
max. Earth dist.	-11885 Aug 12 j 12:25	25°  17'29	1.44396 AU	minimum elong	-11884 Jul 24 j 05:18	8°  03'11	0°53'44
				max. Earth dist.	-11884 Jul 25 j 05:06	10°  02'27	1.44562 AU
superior conj	-11885 Aug 14 j 23:24	29°  15'53	0°09'30	desc. node	-11884 Aug 02 j 10:56	23°  04'19	
minimum elong	-11885 Aug 15 j 00:35	29°  16'40	0°09'56		-11884 Aug 06 j 20:00	0°  0	
behind sun begin	-11885 Aug 14 j 15:36	29°  18'51		evening rise	-11884 Aug 09 j 08:43	4°  00'41	
behind sun end	-11885 Aug 15 j 09:35	0°  32'29			-11884 Aug 26 j 04:47	0°  0	
	-11885 Aug 15 j 01:26	0°  0		evening max el	-11884 Aug 31 j 16:29	6°  47'17	19°08'36
desc. node	-11885 Aug 16 j 13:37	2°  12'42		retrograde	-11884 Sep 07 j 16:01	10°  45'28	
evening rise	-11885 Aug 29 j 20:42	24°  01'07		evening set	-11884 Sep 10 j 20:17	9°  47'19	
	-11885 Sep 02 j 11:33	0°  0		asc. node	-11884 Sep 11 j 15:59	9°  13'48	
evening max el	-11885 Sep 18 j 05:30	23°  46'40	18°30'58	inferior conj	-11884 Sep 16 j 14:34	3°  57'11	1°31'28
retrograde	-11885 Sep 24 j 21:17	26°  58'49		minimum elong	-11884 Sep 16 j 12:28	4°  03'43	1°31'21
asc. node	-11885 Sep 25 j 18:57	26°  54'19		min. Earth dist.	-11884 Sep 18 j 00:40	2°  50'31	0.65560 AU
evening set	-11885 Sep 27 j 18:02	26°  51'43			-11884 Sep 19 j 20:43	30°  0	
inferior conj	-11885 Oct 03 j 20:20	20°  56'59	2°22'47	morning rise	-11884 Sep 22 j 04:14	27°  12'05	
minimum elong	-11885 Oct 03 j 17:11	20°  54'08	2°22'25	direct	-11884 Sep 28 j 10:35	25°  10'42	
min. Earth dist.	-11885 Oct 05 j 18:52	18°  52'28	0.64416 AU		-11884 Oct 08 j 12:28	0°  0	
morning rise	-11885 Oct 09 j 15:43	14°  53'48		morning max el	-11884 Oct 11 j 03:32	2°  56'34	26°21'14
direct	-11885 Oct 16 j 09:42	11°  54'00		desc. node	-11884 Oct 29 j 10:09	25°  49'21	
morning max el	-11885 Oct 29 j 17:05	19°  51'15	27°11'25		-11884 Nov 01 j 03:50	0°  0	
	-11885 Nov 07 j 23:22	0°  0		morning set	-11884 Nov 16 j 01:29	25°  02'40	
desc. node	-11885 Nov 12 j 13:24	6°  16'01			-11884 Nov 18 j 10:56	0°  0	
	-11885 Nov 27 j 08:16	0°  0		max. Earth dist.	-11884 Nov 20 j 06:33	3°  31'46	1.35477 AU
morning set	-11885 Dec 03 j 20:51	12°  10'29					
max. Earth dist.	-11885 Dec 08 j 16:43	21°  11'00	1.34200 AU	superior conj	-11884 Nov 24 j 22:38	12°  54'02	-1°34'10
superior conj	-11885 Dec 11 j 22:29	28°  16'16	-1°23'57				

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

minimum elong	-11884 Nov 24 j 23:55	13° \mathbb{M} 00'34	1°33'53	superior conj	-11883 Nov 08 j 13:44	26° Ω 39'44	-1°38'23
evening rise	-11884 Dec 02 j 13:25	28° \mathbb{M} 40'06		minimum elong	-11883 Nov 08 j 13:46	26° Ω 39'52	1°37'58
	-11884 Dec 03 j 05:01	0° $\underline{\mathbb{A}}$			-11883 Nov 10 j 06:11	0° \mathbb{M}	
asc. node	-11884 Dec 08 j 14:13	10° $\underline{\mathbb{A}}$ 33'53		evening rise	-11883 Nov 16 j 17:35	13° \mathbb{M} 01'50	
evening max el	-11884 Dec 21 j 13:59	29° $\underline{\mathbb{A}}$ 08'16	20°41'18	asc. node	-11883 Nov 25 j 11:33	29° \mathbb{M} 30'14	
	-11884 Dec 22 j 13:04	0° \mathbb{M}			-11883 Nov 25 j 18:42	0° $\underline{\mathbb{A}}$	
retrograde	-11883 Jan 01 j 12:13	4° \mathbb{M} 15'56		evening max el	-11883 Dec 04 j 02:43	11° $\underline{\mathbb{A}}$ 01'15	19°32'59
evening set	-11883 Jan 04 j 04:58	3° \mathbb{M} 58'26		retrograde	-11883 Dec 13 j 11:39	15° $\underline{\mathbb{A}}$ 26'50	
	-11883 Jan 12 j 23:37	30° \mathbb{R} $\underline{\mathbb{A}}$		evening set	-11883 Dec 16 j 00:42	15° $\underline{\mathbb{A}}$ 08'45	
inferior conj	-11883 Jan 13 j 00:07	29° $\underline{\mathbb{A}}$ 59'17	2°58'02	inferior conj	-11883 Dec 24 j 08:16	11° $\underline{\mathbb{A}}$ 00'49	3°57'13
minimum elong	-11883 Jan 13 j 05:54	29° $\underline{\mathbb{A}}$ 50'46	2°56'20	minimum elong	-11883 Dec 24 j 12:07	10° $\underline{\mathbb{A}}$ 54'31	3°56'37
min. Earth dist.	-11883 Jan 14 j 09:17	29° $\underline{\mathbb{A}}$ 10'33	0.55720 AU	min. Earth dist.	-11883 Dec 26 j 22:50	9° $\underline{\mathbb{A}}$ 19'20	0.56770 AU
morning rise	-11883 Jan 22 j 05:25	25° $\underline{\mathbb{A}}$ 38'13		morning rise	-11882 Jan 01 j 21:23	6° $\underline{\mathbb{A}}$ 16'04	
desc. node	-11883 Jan 25 j 11:55	25° $\underline{\mathbb{A}}$ 12'52		direct	-11882 Jan 06 j 15:06	5° $\underline{\mathbb{A}}$ 25'07	
direct	-11883 Jan 25 j 14:55	25° $\underline{\mathbb{A}}$ 12'50		desc. node	-11882 Jan 12 j 08:38	6° $\underline{\mathbb{A}}$ 40'31	
	-11883 Feb 05 j 22:29	0° \mathbb{M}		morning max el	-11882 Jan 20 j 12:15	12° $\underline{\mathbb{A}}$ 25'02	24°30'15
morning max el	-11883 Feb 07 j 20:58	1° \mathbb{M} 43'31	22°53'31		-11882 Feb 02 j 23:12	0° \mathbb{M}	
	-11883 Feb 26 j 17:17	0° \mathbb{A}		morning set	-11882 Feb 14 j 22:11	22° \mathbb{M} 34'27	
morning set	-11883 Mar 02 j 09:43	7° \mathbb{A} 30'02			-11882 Feb 18 j 09:46	0° \mathbb{A}	
asc. node	-11883 Mar 06 j 12:06	16° \mathbb{A} 10'51		asc. node	-11882 Feb 21 j 09:16	6° \mathbb{A} 26'46	
superior conj	-11883 Mar 09 j 14:04	22° \mathbb{A} 44'58	0°28'48	superior conj	-11882 Feb 21 j 22:25	7° \mathbb{A} 37'53	0°05'14
minimum elong	-11883 Mar 09 j 12:51	22° \mathbb{A} 38'31	0°27'55	minimum elong	-11882 Feb 21 j 22:14	7° \mathbb{A} 36'50	0°04'35
max. Earth dist.	-11883 Mar 12 j 04:00	28° \mathbb{A} 10'58	1.34059 AU	behind sun begin	-11882 Feb 21 j 17:19	7° \mathbb{A} 10'17	
	-11883 Mar 13 j 01:00	0° \mathbb{B}		behind sun end	-11882 Feb 22 j 03:08	8° \mathbb{A} 03'22	
evening rise	-11883 Mar 17 j 10:17	8° \mathbb{B} 51'49		max. Earth dist.	-11882 Feb 23 j 10:49	10° \mathbb{A} 53'50	1.33310 AU
	-11883 Mar 29 j 01:21	0° \approx		evening rise	-11882 Mar 01 j 08:51	23° \mathbb{A} 16'18	
	-11883 Apr 20 j 01:19	0° \mathbb{H}			-11882 Mar 04 j 18:34	0° \mathbb{B}	
evening max el	-11883 Apr 20 j 13:51	0° \mathbb{H} 30'57	27°21'09		-11882 Mar 22 j 20:10	0° \approx	
desc. node	-11883 Apr 23 j 11:34	3° \mathbb{H} 08'58		evening max el	-11882 Apr 02 j 22:47	13° \approx 14'52	27°24'51
retrograde	-11883 May 04 j 04:03	8° \mathbb{H} 05'52		desc. node	-11882 Apr 10 j 08:49	18° \approx 57'13	
evening set	-11883 May 11 j 02:10	5° \mathbb{H} 24'43		retrograde	-11882 Apr 16 j 20:43	20° \approx 48'21	
min. Earth dist.	-11883 May 14 j 18:54	1° \mathbb{H} 56'05	0.64076 AU	evening set	-11882 Apr 23 j 17:34	18° \approx 26'41	
	-11883 May 16 j 13:22	30° \mathbb{R} \approx		min. Earth dist.	-11882 Apr 27 j 10:16	15° \approx 23'22	0.62354 AU
inferior conj	-11883 May 17 j 04:23	29° \approx 18'32	-3°24'27	inferior conj	-11882 Apr 30 j 09:02	12° \approx 30'19	-3°26'22
minimum elong	-11883 May 17 j 05:26	29° \approx 15'39	3°24'45	minimum elong	-11882 Apr 30 j 08:34	12° \approx 31'29	3°26'53
morning rise	-11883 May 23 j 09:26	23° \approx 53'42		morning rise	-11882 May 07 j 00:59	7° \approx 23'44	
direct	-11883 May 26 j 06:20	23° \approx 10'47		direct	-11882 May 09 j 17:12	6° \approx 50'27	
morning max el	-11883 Jun 01 j 18:05	26° \approx 37'49	18°11'59	morning max el	-11882 May 16 j 08:01	10° \approx 12'55	18°02'07
asc. node	-11883 Jun 02 j 12:12	27° \approx 25'05		asc. node	-11882 May 20 j 09:02	15° \approx 04'30	
	-11883 Jun 04 j 16:04	0° \mathbb{H}			-11882 May 29 j 12:25	0° \mathbb{H}	
morning set	-11883 Jun 19 j 21:33	24° \mathbb{H} 22'43		morning set	-11882 Jun 02 j 01:17	6° \mathbb{H} 16'33	
	-11883 Jun 23 j 05:13	0° \mathbb{Y}					
superior conj	-11883 Jul 03 j 07:58	16° \mathbb{Y} 44'24	1°28'03	superior conj	-11882 Jun 13 j 16:43	26° \mathbb{H} 35'21	1°45'54
minimum elong	-11883 Jul 03 j 13:59	17° \mathbb{Y} 08'47	1°27'45	minimum elong	-11882 Jun 13 j 19:17	26° \mathbb{H} 46'13	1°45'46
max. Earth dist.	-11883 Jul 07 j 20:09	23° \mathbb{Y} 59'45	1.44032 AU		-11882 Jun 15 j 17:21	0° \mathbb{Y}	
	-11883 Jul 11 j 14:50	0° \mathbb{B}		max. Earth dist.	-11882 Jun 20 j 07:31	7° \mathbb{Y} 35'07	1.42883 AU
evening rise	-11883 Jul 19 j 19:19	12° \mathbb{B} 49'24		evening rise	-11882 Jun 28 j 19:30	21° \mathbb{Y} 09'37	
desc. node	-11883 Jul 20 j 08:19	13° \mathbb{B} 39'53			-11882 Jul 04 j 12:37	0° \mathbb{B}	
	-11883 Jul 30 j 23:42	0° \mathbb{H}		desc. node	-11882 Jul 07 j 05:45	4° \mathbb{B} 07'37	
greatest brilliancy	-11883 Aug 01 j 13:59	2° \mathbb{H} 23'51	-0.7m		-11882 Jul 25 j 14:45	0° \mathbb{H}	
evening max el	-11883 Aug 14 j 22:32	20° \mathbb{H} 15'53	20°02'03	evening max el	-11882 Jul 28 j 22:04	3° \mathbb{H} 41'30	21°09'12
retrograde	-11883 Aug 22 j 12:35	24° \mathbb{H} 39'51		retrograde	-11882 Aug 06 j 08:56	8° \mathbb{H} 39'43	
evening set	-11883 Aug 26 j 02:42	23° \mathbb{H} 25'17		evening set	-11882 Aug 10 j 11:02	7° \mathbb{H} 05'43	
asc. node	-11883 Aug 29 j 13:00	20° \mathbb{H} 04'16		inferior conj	-11882 Aug 15 j 18:49	0° \mathbb{H} 57'51	-0°11'55
inferior conj	-11883 Aug 31 j 14:46	17° \mathbb{H} 24'54	0°39'11	minimum elong	-11882 Aug 15 j 19:03	0° \mathbb{H} 57'02	0°11'14
minimum elong	-11883 Aug 31 j 13:52	17° \mathbb{H} 27'51	0°39'28	transit middle	-11882 Aug 15 j 19:03	0° \mathbb{H} 57'02	0°11'14
min. Earth dist.	-11883 Sep 01 j 13:25	16° \mathbb{H} 09'59	0.66407 AU	transit begin	-11882 Aug 15 j 17:05	1° \mathbb{H} 03'48	
morning rise	-11883 Sep 06 j 00:46	11° \mathbb{H} 04'54		transit end	-11882 Aug 15 j 21:02	0° \mathbb{H} 50'16	
direct	-11883 Sep 11 j 17:20	8° \mathbb{H} 39'19		asc. node	-11882 Aug 16 j 09:57	0° \mathbb{H} 06'09	
morning max el	-11883 Sep 23 j 13:19	15° \mathbb{H} 40'42	25°10'56		-11882 Aug 16 j 11:45	30° \mathbb{R} \mathbb{B}	
	-11883 Oct 05 j 10:26	0° \mathbb{B}		min. Earth dist.	-11882 Aug 16 j 06:42	0° \mathbb{H} 17'12	0.66965 AU
desc. node	-11883 Oct 16 j 06:56	15° \mathbb{B} 48'00		morning rise	-11882 Aug 21 j 02:55	24° \mathbb{B} 37'00	
	-11883 Oct 25 j 01:02	0° Ω		direct	-11882 Aug 26 j 05:15	22° \mathbb{B} 28'27	
morning set	-11883 Oct 29 j 12:51	7° Ω 48'55		morning max el	-11882 Sep 05 j 23:12	28° \mathbb{B} 55'43	23°49'31
max. Earth dist.	-11883 Nov 02 j 10:05	14° Ω 52'59	1.37155 AU		-11882 Sep 06 j 23:55	0° \mathbb{H}	
					-11882 Sep 29 j 05:59	0° \mathbb{B}	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

desc. node	-11882 Oct 03 j 03:49	6° Ω 04'36		morning set	-11881 Sep 21 j 12:04	28° Π 54'53	
morning set	-11882 Oct 11 j 01:37	19° Ω 00'31			-11881 Sep 22 j 04:10	0° Ω	
max. Earth dist.	-11882 Oct 15 j 08:46	26° Ω 25'41	1.39102 AU	max. Earth dist.	-11881 Sep 27 j 09:37	8° Ω 38'07	1.41066 AU
	-11882 Oct 17 j 09:01	0° Ω					
superior conj	-11882 Oct 22 j 15:52	9° Ω 42'22	-1°34'39	superior conj	-11881 Oct 04 j 23:53	21° Ω 47'31	-1°20'43
minimum elong	-11882 Oct 22 j 14:07	9° Ω 34'10	1°34'02	minimum elong	-11881 Oct 04 j 20:18	21° Ω 31'35	1°19'47
evening rise	-11882 Oct 31 j 15:11	26° Ω 59'21		evening rise	-11881 Oct 09 j 12:40	0° Ω	
	-11882 Nov 02 j 04:27	0° Π			-11881 Oct 15 j 03:14	10° Ω 25'07	
asc. node	-11882 Nov 12 j 08:52	17° Π 46'51		asc. node	-11881 Oct 26 j 07:20	0° Π	
evening max el	-11882 Nov 17 j 01:20	23° Π 26'49	18°44'12	evening max el	-11881 Oct 30 j 06:09	5° Π 11'17	
retrograde	-11882 Nov 25 j 03:48	27° Π 22'39		retrograde	-11881 Oct 31 j 07:47	6° Π 18'30	18°15'44
evening set	-11882 Nov 27 j 15:32	27° Π 01'50		evening set	-11881 Nov 07 j 13:38	9° Π 57'26	
inferior conj	-11882 Dec 05 j 10:11	22° Π 35'10	4°17'07	inferior conj	-11881 Nov 10 j 01:16	9° Π 32'36	
minimum elong	-11882 Dec 05 j 10:19	22° Π 34'56	4°17'13	minimum elong	-11881 Nov 17 j 07:17	4° Π 44'10	4°05'52
min. Earth dist.	-11882 Dec 08 j 14:00	20° Π 14'12	0.58368 AU	min. Earth dist.	-11881 Nov 17 j 04:37	4° Π 49'56	4°05'54
morning rise	-11882 Dec 13 j 03:12	17° Π 27'32			-11881 Nov 20 j 10:29	2° Π 02'43	0.60197 AU
direct	-11882 Dec 19 j 02:47	16° Π 00'21		morning rise	-11881 Nov 23 j 03:05	30° Ω	
desc. node	-11882 Dec 30 j 05:18	20° Π 40'00		direct	-11881 Nov 24 j 06:29	29° Ω 16'16	
morning max el	-11881 Jan 02 j 03:46	23° Π 14'25	25°57'32		-11881 Dec 01 j 00:55	27° Ω 13'07	
	-11881 Jan 08 j 06:12	0° Ω		morning max el	-11881 Dec 09 j 07:48	0° Π	
	-11881 Jan 26 j 16:23	0° Π		desc. node	-11881 Dec 15 j 00:51	4° Π 35'40	27°01'10
morning set	-11881 Jan 30 j 10:11	7° Π 38'24		morning set	-11881 Dec 17 j 01:57	6° Π 39'29	
					-11880 Jan 02 j 21:10	0° Ω	
superior conj	-11881 Feb 06 j 09:24	22° Π 39'29	-0°17'48		-11880 Jan 14 j 19:55	22° Ω 35'10	
minimum elong	-11881 Feb 06 j 10:09	22° Π 43'31	0°18'11		-11880 Jan 18 j 07:57	0° Π	
max. Earth dist.	-11881 Feb 06 j 22:54	23° Π 53'04	1.32890 AU	superior conj	-11880 Jan 21 j 21:18	7° Π 43'39	-0°39'30
asc. node	-11881 Feb 08 j 06:28	26° Π 44'42		minimum elong	-11880 Jan 21 j 22:47	7° Π 51'47	0°39'38
	-11881 Feb 09 j 18:39	0° Ω		max. Earth dist.	-11880 Jan 21 j 12:30	6° Π 55'38	1.32787 AU
evening rise	-11881 Feb 13 j 13:40	8° Ω 00'00		asc. node	-11880 Jan 26 j 03:44	17° Π 00'40	
	-11881 Feb 25 j 06:29	0° Ω		evening rise	-11880 Jan 28 j 22:27	22° Π 54'47	
evening max el	-11881 Mar 16 j 03:33	25° Ω 24'45	26°55'40		-11880 Feb 01 j 09:53	0° Ω	
	-11881 Mar 21 j 19:31	0° \approx			-11880 Feb 19 j 20:08	0° Ω	
desc. node	-11881 Mar 28 j 06:00	2° \approx 41'32		evening max el	-11880 Feb 26 j 02:37	6° Ω 57'04	25°55'45
retrograde	-11881 Mar 30 j 05:30	2° \approx 51'45		retrograde	-11880 Mar 11 j 05:00	14° Ω 12'57	
evening set	-11881 Apr 05 j 15:56	1° \approx 00'28		desc. node	-11880 Mar 14 j 03:06	13° Ω 51'55	
	-11881 Apr 07 j 06:23	30° Ω		evening set	-11880 Mar 16 j 19:31	12° Ω 56'21	
min. Earth dist.	-11881 Apr 09 j 16:44	28° Ω 09'24	0.60406 AU	min. Earth dist.	-11880 Mar 21 j 15:52	10° Ω 03'12	0.58447 AU
inferior conj	-11881 Apr 12 j 23:59	25° Ω 20'01	-3°09'05	inferior conj	-11880 Mar 24 j 21:41	7° Ω 39'20	-2°26'25
minimum elong	-11881 Apr 12 j 21:40	25° Ω 25'00	3°09'25	minimum elong	-11880 Mar 24 j 18:08	7° Ω 45'58	2°26'19
morning rise	-11881 Apr 20 j 05:42	20° Ω 33'12		morning rise	-11880 Apr 01 j 19:54	3° Ω 12'30	
direct	-11881 Apr 22 j 17:44	20° Ω 08'13		direct	-11880 Apr 04 j 03:38	2° Ω 54'27	
morning max el	-11881 Apr 29 j 20:31	23° Ω 37'55	18°11'03	morning max el	-11880 Apr 12 j 04:52	6° Ω 45'21	18°39'15
	-11881 May 04 j 23:51	0° \approx		asc. node	-11880 Apr 23 j 02:45	22° Ω 32'39	
asc. node	-11881 May 07 j 05:52	3° \approx 30'30			-11880 Apr 27 j 02:24	0° \approx	
morning set	-11881 May 15 j 23:31	19° \approx 05'51		morning set	-11880 Apr 28 j 11:40	2° \approx 39'51	
	-11881 May 21 j 20:59	0° Ω					
superior conj	-11881 May 26 j 04:13	7° Ω 46'01	1°48'47	superior conj	-11880 May 07 j 14:16	20° \approx 06'22	1°40'33
minimum elong	-11881 May 26 j 03:26	7° Ω 42'30	1°48'29	minimum elong	-11880 May 07 j 11:39	19° \approx 54'11	1°39'55
max. Earth dist.	-11881 Jun 02 j 13:36	20° Ω 34'24	1.41268 AU		-11880 May 13 j 00:07	0° Ω	
evening rise	-11881 Jun 08 j 07:58	0° Ω 05'34		max. Earth dist.	-11880 May 14 j 14:47	2° Ω 51'21	1.39413 AU
	-11881 Jun 08 j 06:35	0° Ω		evening rise	-11880 May 18 j 22:28	10° Ω 18'57	
desc. node	-11881 Jun 24 j 03:15	24° Ω 22'47			-11880 May 31 j 04:31	0° Ω	
	-11881 Jun 28 j 01:22	0° Ω		desc. node	-11880 Jun 10 j 00:46	14° Ω 19'33	
evening max el	-11881 Jul 11 j 14:46	17° Ω 02'58	22°26'38		-11880 Jun 22 j 17:25	0° Ω	
retrograde	-11881 Jul 21 j 03:33	22° Ω 42'03		evening max el	-11880 Jun 23 j 02:22	0° Ω 22'42	23°48'51
evening set	-11881 Jul 25 j 19:20	20° Ω 46'44		retrograde	-11880 Jul 03 j 19:18	6° Ω 43'52	
inferior conj	-11881 Jul 31 j 00:50	14° Ω 33'54	-1°00'12	evening set	-11880 Jul 09 j 01:44	4° Ω 27'36	
minimum elong	-11881 Jul 31 j 02:02	14° Ω 29'43	0°59'16		-11880 Jul 12 j 23:20	30° Ω	
min. Earth dist.	-11881 Jul 31 j 02:09	14° Ω 29'20	0.67227 AU	inferior conj	-11880 Jul 14 j 07:04	28° Ω 12'04	-1°44'15
asc. node	-11881 Aug 03 j 06:51	10° Ω 19'29		minimum elong	-11880 Jul 14 j 08:59	28° Ω 05'30	1°43'18
morning rise	-11881 Aug 05 j 08:39	8° Ω 15'54		min. Earth dist.	-11880 Jul 13 j 21:26	28° Ω 45'03	0.67179 AU
direct	-11881 Aug 09 j 21:27	6° Ω 25'53		morning rise	-11880 Jul 19 j 16:12	22° Ω 00'19	
morning max el	-11881 Aug 19 j 11:37	12° Ω 11'47	22°25'39	asc. node	-11880 Jul 20 j 03:42	21° Ω 39'34	
	-11881 Sep 02 j 11:26	0° Π		direct	-11880 Jul 23 j 17:00	20° Ω 28'17	
desc. node	-11881 Sep 20 j 00:47	26° Π 33'10		morning max el	-11880 Aug 01 j 05:06	25° Ω 32'13	21°06'42
					-11880 Aug 05 j 02:44	0° Ω	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11880 Aug 25 j 23:18	0°♂		max. Earth dist.	-11879 Aug 22 j 04:14	5°♂15'09	1.43978 AU
morning set	-11880 Aug 30 j 23:31	7°♂45'41		desc. node	-11879 Aug 23 j 19:04	7°♂50'30	
desc. node	-11880 Sep 05 j 21:52	17°♂09'41					
max. Earth dist.	-11880 Sep 08 j 16:11	21°♂37'48	1.42768 AU	superior conj	-11879 Aug 26 j 12:34	12°♂14'17	-0°16'20
	-11880 Sep 13 j 17:49	0°♂		minimum elong	-11879 Aug 26 j 10:51	12°♂07'23	0°15'28
				behind sun begin	-11879 Aug 26 j 07:22	11°♂53'17	
superior conj	-11880 Sep 15 j 08:01	2°♂40'45	-0°54'36	behind sun end	-11879 Aug 26 j 14:20	12°♂21'30	
minimum elong	-11880 Sep 15 j 03:50	2°♂23'05	0°53'27		-11879 Sep 06 j 06:34	0°♂	
evening rise	-11880 Sep 27 j 01:52	23°♂10'10		evening rise	-11879 Sep 09 j 05:59	5°♂02'06	
	-11880 Sep 30 j 21:57	0°♂			-11879 Sep 24 j 21:00	0°♂	
evening max el	-11880 Oct 13 j 19:19	19°♂29'22	18°07'01	evening max el	-11879 Sep 27 j 09:00	2°♂52'59	18°17'08
asc. node	-11880 Oct 16 j 03:24	21°♂28'53		asc. node	-11879 Oct 03 j 00:35	6°♂23'35	
retrograde	-11880 Oct 20 j 13:38	23°♂02'04		retrograde	-11879 Oct 03 j 23:40	6°♂28'29	
evening set	-11880 Oct 23 j 03:01	22°♂31'26		evening set	-11879 Oct 06 j 17:02	5°♂49'36	
inferior conj	-11880 Oct 29 j 21:16	17°♂22'23	3°34'16	inferior conj	-11879 Oct 13 j 00:45	0°♂22'23	2°50'52
minimum elong	-11880 Oct 29 j 17:30	17°♂31'39	3°33'59	minimum elong	-11879 Oct 12 j 21:09	0°♂32'16	2°50'26
min. Earth dist.	-11880 Nov 01 j 15:39	14°♂39'49	0.62004 AU		-11879 Oct 13 j 08:53	30°♂	
morning rise	-11880 Nov 05 j 06:50	11°♂37'00		min. Earth dist.	-11879 Oct 15 j 06:51	27°♂54'19	0.63616 AU
direct	-11880 Nov 12 j 08:11	9°♂07'21		morning rise	-11879 Oct 19 j 00:27	24°♂22'51	
morning max el	-11880 Nov 26 j 04:25	16°♂36'54	27°31'59	direct	-11879 Oct 25 j 23:15	21°♂40'08	
desc. node	-11880 Dec 02 j 22:33	24°♂06'44		morning max el	-11879 Nov 08 j 12:29	29°♂12'59	27°28'04
	-11880 Dec 07 j 09:42	0°♂			-11879 Nov 09 j 07:26	0°♂	
	-11880 Dec 25 j 09:27	0°♂		desc. node	-11879 Nov 19 j 19:11	12°♂36'54	
morning set	-11880 Dec 29 j 01:12	7°♂16'24			-11879 Dec 01 j 04:53	0°♂	
max. Earth dist.	-11879 Jan 03 j 23:44	19°♂46'51	1.33026 AU	morning set	-11879 Dec 12 j 23:35	21°♂33'37	
					-11879 Dec 17 j 03:06	0°♂	
superior conj	-11879 Jan 05 j 08:23	22°♂43'33	-0°59'09	max. Earth dist.	-11879 Dec 18 j 04:50	2°♂14'35	1.33650 AU
minimum elong	-11879 Jan 05 j 10:21	22°♂54'12	0°59'06				
	-11879 Jan 08 j 16:46	0°♂		superior conj	-11879 Dec 20 j 16:56	7°♂33'09	-1°15'58
evening rise	-11879 Jan 12 j 09:15	7°♂53'00		minimum elong	-11879 Dec 20 j 19:01	7°♂44'14	1°15'46
asc. node	-11879 Jan 12 j 01:02	7°♂09'46		evening rise	-11879 Dec 27 j 20:28	22°♂48'54	
	-11879 Jan 24 j 02:06	0°♂		asc. node	-11879 Dec 29 j 22:22	27°♂07'02	
evening max el	-11879 Feb 06 j 20:53	17°♂58'55	24°32'54		-11879 Dec 31 j 08:43	0°♂	
retrograde	-11879 Feb 20 j 17:15	24°♂54'07		evening max el	-11878 Jan 19 j 14:23	28°♂50'27	22°59'22
evening set	-11879 Feb 25 j 05:47	24°♂07'50			-11878 Jan 20 j 21:23	0°♂	
desc. node	-11879 Mar 01 j 00:04	22°♂26'22		retrograde	-11878 Feb 01 j 16:52	5°♂10'22	
min. Earth dist.	-11879 Mar 03 j 10:19	20°♂59'43	0.56775 AU	evening set	-11878 Feb 05 j 05:27	4°♂43'15	
inferior conj	-11879 Mar 05 j 23:40	19°♂20'43	-1°13'56	min. Earth dist.	-11878 Feb 13 j 02:17	1°♂08'29	0.55711 AU
minimum elong	-11879 Mar 05 j 21:00	19°♂25'04	1°13'49	inferior conj	-11878 Feb 14 j 07:31	0°♂25'42	0°23'58
morning rise	-11879 Mar 14 j 15:23	15°♂10'20		minimum elong	-11878 Feb 14 j 08:30	0°♂24'15	0°23'04
direct	-11879 Mar 16 j 19:31	14°♂57'09			-11878 Feb 15 j 01:06	30°♂	
morning max el	-11879 Mar 26 j 05:55	19°♂24'33	19°27'09	desc. node	-11878 Feb 15 j 20:54	29°♂31'29	
	-11879 Apr 03 j 08:14	0°♂		morning rise	-11878 Feb 23 j 13:12	26°♂22'21	
asc. node	-11879 Apr 09 j 23:41	12°♂01'42		direct	-11878 Feb 25 j 18:58	26°♂10'12	
morning set	-11879 Apr 12 j 09:48	16°♂47'50			-11878 Mar 07 j 05:36	0°♂	
	-11879 Apr 19 j 00:31	0°♂		morning max el	-11878 Mar 08 j 20:49	1°♂26'18	20°34'32
					-11878 Mar 26 j 22:52	0°♂	
superior conj	-11879 Apr 20 j 17:16	3°♂20'21	1°24'56	morning set	-11878 Mar 27 j 14:53	1°♂21'17	
minimum elong	-11879 Apr 20 j 14:13	3°♂05'25	1°24'01	asc. node	-11878 Mar 27 j 20:41	1°♂50'50	
max. Earth dist.	-11879 Apr 26 j 15:20	14°♂37'06	1.37573 AU				
evening rise	-11879 Apr 30 j 15:32	21°♂53'30		superior conj	-11878 Apr 04 j 08:35	17°♂14'39	1°04'50
	-11879 May 05 j 07:46	0°♂		minimum elong	-11878 Apr 04 j 05:57	17°♂01'13	1°03'47
	-11879 May 25 j 00:25	0°♂		max. Earth dist.	-11878 Apr 08 j 22:03	26°♂20'00	1.35951 AU
desc. node	-11879 May 27 j 22:16	3°♂49'38			-11878 Apr 10 j 19:38	0°♂	
evening max el	-11879 Jun 05 j 11:56	13°♂43'32	25°08'30	evening rise	-11878 Apr 13 j 06:05	4°♂35'27	
retrograde	-11879 Jun 17 j 07:16	20°♂40'14			-11878 Apr 28 j 04:42	0°♂	
evening set	-11879 Jun 23 j 04:10	18°♂06'20		desc. node	-11878 May 14 j 19:42	22°♂42'04	
min. Earth dist.	-11879 Jun 27 j 14:15	13°♂01'36	0.66794 AU	evening max el	-11878 May 18 j 22:01	27°♂05'31	26°16'49
inferior conj	-11879 Jun 28 j 11:42	11°♂50'25	-2°22'47		-11878 May 22 j 02:36	0°♂	
minimum elong	-11879 Jun 28 j 14:00	11°♂42'48	2°22'02	retrograde	-11878 May 31 j 14:34	4°♂25'33	
morning rise	-11879 Jul 03 j 23:50	5°♂48'06		evening set	-11878 Jun 07 j 00:25	1°♂40'42	
asc. node	-11879 Jul 07 j 00:30	4°♂34'13			-11878 Jun 08 j 17:47	30°♂	
direct	-11879 Jul 07 j 14:33	4°♂32'17		min. Earth dist.	-11878 Jun 11 j 02:13	27°♂15'12	0.66047 AU
morning max el	-11879 Jul 15 j 04:56	8°♂58'36	19°58'14	inferior conj	-11878 Jun 12 j 12:49	25°♂26'42	-2°54'15
	-11879 Jul 30 j 13:43	0°♂		minimum elong	-11878 Jun 12 j 15:03	25°♂19'39	2°53'54
morning set	-11879 Aug 10 j 02:32	16°♂14'58		morning rise	-11878 Jun 18 j 05:48	19°♂36'45	
	-11879 Aug 18 j 20:54	0°♂		direct	-11878 Jun 21 j 12:22	18°♂35'08	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

asc. node	-11878 Jun 23 j 21:17	19° X 05'52			-11877 Jun 28 j 00:44	0° Y	
morning max el	-11878 Jun 28 j 10:53	22° X 30'55	19°03'53	morning set	-11877 Jul 01 j 06:48	5° Y 23'22	
	-11878 Jul 04 j 10:24	0° Y					
morning set	-11878 Jul 20 j 16:54	25° Y 16'17		superior conj	-11877 Jul 15 j 19:12	28° Y 59'52	1°10'14
	-11878 Jul 23 j 16:16	0° Z		minimum elong	-11877 Jul 16 j 01:49	29° Y 26'12	1°09'54
max. Earth dist.	-11878 Aug 04 j 19:58	19° Z 14'52	1.44553 AU		-11877 Jul 16 j 10:17	0° Z	
				max. Earth dist.	-11877 Jul 18 j 12:51	3° Z 21'05	1.44426 AU
superior conj	-11878 Aug 05 j 18:12	20° Z 42'54	0°28'58	desc. node	-11877 Jul 28 j 13:43	19° Z 10'45	
minimum elong	-11878 Aug 05 j 21:43	20° Z 56'47	0°29'03	evening rise	-11877 Aug 01 j 10:14	25° Z 13'31	
desc. node	-11878 Aug 10 j 16:21	28° Z 31'47			-11877 Aug 04 j 11:25	0° II	
	-11878 Aug 11 j 14:30	0° II		greatest brilliancy	-11877 Aug 11 j 15:02	11° II 06'43	-0.7m
evening rise	-11878 Aug 21 j 09:45	15° II 45'29			-11877 Aug 25 j 10:04	0° III	
	-11878 Aug 30 j 05:15	0° III		evening max el	-11877 Aug 25 j 07:05	29° II 52'26	19°29'27
evening max el	-11878 Sep 10 j 21:50	16° III 22'10	18°45'01	retrograde	-11877 Sep 01 j 11:46	4° III 00'01	
retrograde	-11878 Sep 17 j 16:00	20° III 09'12		evening set	-11877 Sep 04 j 20:03	2° III 55'07	
asc. node	-11878 Sep 19 j 21:42	19° III 40'56		asc. node	-11877 Sep 06 j 18:45	1° III 19'56	
evening set	-11878 Sep 20 j 15:43	19° III 18'56			-11877 Sep 08 j 00:58	30° R II	
inferior conj	-11878 Sep 26 j 14:24	13° III 36'24	2°01'17	inferior conj	-11877 Sep 10 j 11:28	27° II 00'13	1°09'13
minimum elong	-11878 Sep 26 j 11:40	13° III 44'36	2°01'00	minimum elong	-11877 Sep 10 j 09:53	27° II 05'18	1°09'17
min. Earth dist.	-11878 Sep 28 j 07:37	11° III 32'59	0.64946 AU	min. Earth dist.	-11877 Sep 11 j 16:31	25° II 26'59	0.65967 AU
morning rise	-11878 Oct 02 j 07:06	7° III 26'09		morning rise	-11877 Sep 15 j 23:23	20° II 42'49	
direct	-11878 Oct 08 j 20:43	4° III 43'16		direct	-11877 Sep 22 j 00:05	18° II 09'21	
morning max el	-11878 Oct 21 j 22:25	12° III 12'00	26°52'56	morning max el	-11877 Oct 04 j 08:35	25° II 23'44	25°53'11
	-11878 Nov 05 j 09:10	0° IV			-11877 Oct 08 j 14:41	0° III	
desc. node	-11878 Nov 06 j 15:52	1° IV 50'57		desc. node	-11877 Oct 24 j 12:38	21° III 36'15	
	-11878 Nov 23 j 16:44	0° V			-11877 Oct 29 j 20:53	0° IV	
morning set	-11878 Nov 26 j 11:46	5° V 15'34		morning set	-11877 Nov 09 j 09:38	18° IV 10'10	
max. Earth dist.	-11878 Dec 01 j 00:40	14° V 11'23	1.34693 AU	max. Earth dist.	-11877 Nov 13 j 09:58	25° IV 41'55	1.36159 AU
					-11877 Nov 15 j 15:11	0° VI	
superior conj	-11878 Dec 04 j 20:51	22° V 04'36	-1°28'56				
minimum elong	-11878 Dec 04 j 22:34	22° V 13'35	1°28'40	superior conj	-11877 Nov 18 j 17:33	6° V 09'47	-1°36'48
	-11878 Dec 08 j 15:22	0° VI		minimum elong	-11877 Nov 18 j 18:22	6° V 13'55	1°36'28
evening rise	-11878 Dec 12 j 06:22	7° VI 36'04		evening rise	-11877 Nov 26 j 13:12	22° V 09'03	
asc. node	-11878 Dec 16 j 19:43	16° VI 46'18			-11877 Nov 30 j 11:41	0° VII	
	-11878 Dec 24 j 10:44	0° VII		asc. node	-11877 Dec 03 j 17:03	6° VI 00'49	
evening max el	-11877 Jan 01 j 12:23	9° VII 54'18	21°28'16	evening max el	-11877 Dec 14 j 19:06	21° VI 26'59	20°09'49
retrograde	-11877 Jan 13 j 07:34	15° VII 28'20		retrograde	-11877 Dec 25 j 00:44	26° VI 15'30	
evening set	-11877 Jan 16 j 05:14	15° VII 09'15		evening set	-11877 Dec 27 j 15:40	25° VI 57'58	
inferior conj	-11877 Jan 25 j 05:17	11° VII 08'48	2°07'20	inferior conj	-11876 Jan 05 j 06:08	21° VI 56'25	3°28'10
minimum elong	-11877 Jan 25 j 10:15	11° VII 01'41	2°05'29	minimum elong	-11876 Jan 05 j 11:33	21° VI 48'09	3°26'52
min. Earth dist.	-11877 Jan 25 j 16:25	10° VII 52'54	0.55471 AU	min. Earth dist.	-11876 Jan 07 j 05:30	20° VI 44'25	0.56087 AU
desc. node	-11877 Feb 02 j 17:40	7° VII 10'53		morning rise	-11876 Jan 14 j 05:41	17° VI 26'03	
morning rise	-11877 Feb 03 j 14:47	6° VII 58'28		direct	-11876 Jan 18 j 04:25	16° VI 51'39	
direct	-11877 Feb 06 j 10:17	6° VII 40'50		desc. node	-11876 Jan 20 j 14:24	17° VI 04'56	
morning max el	-11877 Feb 19 j 00:16	12° VII 46'53	21°59'20	morning max el	-11876 Jan 31 j 18:26	23° VI 36'09	23°35'02
	-11877 Mar 03 j 15:06	0° VIII			-11876 Feb 06 j 11:17	0° VIII	
morning set	-11877 Mar 12 j 00:26	16° VIII 12'34			-11876 Feb 23 j 22:08	0° IX	
asc. node	-11877 Mar 14 j 17:44	21° VIII 54'19		morning set	-11876 Feb 24 j 12:22	1° IX 14'14	
	-11877 Mar 18 j 13:49	0° X		asc. node	-11876 Feb 29 j 14:50	12° IX 06'53	
superior conj	-11877 Mar 19 j 08:37	1° X 38'32	0°42'17	superior conj	-11876 Mar 02 j 14:33	16° IX 22'56	0°18'47
minimum elong	-11877 Mar 19 j 06:49	1° X 29'09	0°41'18	minimum elong	-11876 Mar 02 j 13:46	16° IX 18'45	0°17'58
max. Earth dist.	-11877 Mar 22 j 14:53	8° X 23'28	1.34649 AU	max. Earth dist.	-11876 Mar 04 j 17:23	20° IX 53'24	1.33696 AU
evening rise	-11877 Mar 27 j 12:28	18° X 08'00			-11876 Mar 09 j 02:56	0° X	
	-11877 Apr 02 j 22:06	0° XI		evening rise	-11876 Mar 10 j 06:08	2° X 16'33	
	-11877 Apr 22 j 08:59	0° XII			-11876 Mar 25 j 19:31	0° XI	
evening max el	-11877 May 01 j 09:01	10° XII 21'59	27°05'16	evening max el	-11876 Apr 12 j 19:10	23° XI 20'19	27°26'41
desc. node	-11877 May 01 j 17:02	10° XII 41'31		desc. node	-11876 Apr 17 j 14:21	27° XI 25'42	
retrograde	-11877 May 14 j 16:37	17° XII 53'25			-11876 Apr 22 j 03:08	0° XII	
evening set	-11877 May 21 j 11:56	15° XII 07'29		retrograde	-11876 Apr 26 j 12:46	0° XIII 54'55	
min. Earth dist.	-11877 May 25 j 07:11	11° XII 19'43	0.64908 AU		-11876 Apr 30 j 16:39	30° R XI	
inferior conj	-11877 May 27 j 08:10	8° XIII 57'52	-3°16'43	evening set	-11876 May 03 j 11:35	28° XI 20'20	
minimum elong	-11877 May 27 j 09:50	8° XIII 53'02	3°16'48	min. Earth dist.	-11876 May 07 j 03:32	25° XI 04'10	0.63380 AU
morning rise	-11877 Jun 02 j 08:07	3° XIII 23'09		inferior conj	-11876 May 09 j 19:02	22° XI 18'06	-3°27'17
direct	-11877 Jun 05 j 08:16	2° XIII 33'44		minimum elong	-11876 May 09 j 19:31	22° XI 16'51	3°27'43
asc. node	-11877 Jun 10 j 18:04	5° XIII 03'08		morning rise	-11876 May 16 j 04:23	17° XI 00'58	
morning max el	-11877 Jun 11 j 21:41	6° XIII 08'09	18°25'57	direct	-11876 May 18 j 23:19	16° XI 22'13	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

morning max el	-11876 May 25 j 11:12	19° \approx 45'35	18°05'39	morning rise	-11875 Apr 29 j 15:46	0° \approx 23'18	
asc. node	-11876 May 27 j 14:51	22° \approx 09'23			-11875 May 01 j 01:47	30° \approx 23'18	
	-11876 Jun 02 j 01:59	0° \approx		direct	-11875 May 02 j 06:09	29° \approx 53'48	
morning set	-11876 Jun 11 j 21:39	16° \approx 39'52			-11875 May 03 j 10:18	0° \approx	
	-11876 Jun 19 j 16:20	0° \approx		morning max el	-11875 May 09 j 00:56	3° \approx 17'41	18°03'40
				asc. node	-11875 May 14 j 11:40	10° \approx 10'02	
superior conj	-11876 Jun 24 j 12:58	8° \approx 06'32	1°37'39	morning set	-11875 May 25 j 09:46	28° \approx 58'10	
minimum elong	-11876 Jun 24 j 17:42	8° \approx 26'05	1°37'26		-11875 May 25 j 23:24	0° \approx	
max. Earth dist.	-11876 Jun 30 j 03:09	17° \approx 13'04	1.43613 AU				
	-11876 Jul 08 j 04:35	0° \approx		superior conj	-11875 Jun 05 j 09:22	18° \approx 32'05	1°48'46
evening rise	-11876 Jul 10 j 13:49	3° \approx 43'05		minimum elong	-11875 Jun 05 j 10:21	18° \approx 36'22	1°48'35
desc. node	-11876 Jul 14 j 11:09	9° \approx 43'42			-11875 Jun 12 j 04:02	0° \approx	
	-11876 Jul 28 j 00:12	0° \approx		max. Earth dist.	-11875 Jun 12 j 11:59	0° \approx 32'53	1.42234 AU
evening max el	-11876 Aug 07 j 10:28	13° \approx 19'50	20°29'00	evening rise	-11875 Jun 19 j 16:31	12° \approx 10'13	
retrograde	-11876 Aug 15 j 08:34	17° \approx 57'27		desc. node	-11875 Jul 01 j 08:38	0° \approx 06'41	
evening set	-11876 Aug 19 j 03:35	16° \approx 34'45			-11875 Jul 01 j 06:51	0° \approx	
asc. node	-11876 Aug 23 j 15:44	11° \approx 43'30		evening max el	-11875 Jul 21 j 06:54	26° \approx 43'05	21°41'08
inferior conj	-11876 Aug 24 j 13:34	10° \approx 30'35	0°17'14		-11875 Jul 25 j 00:58	0° \approx	
minimum elong	-11876 Aug 24 j 13:10	10° \approx 31'55	0°17'42	retrograde	-11875 Jul 30 j 04:30	1° \approx 58'46	
min. Earth dist.	-11876 Aug 25 j 07:29	9° \approx 30'19	0.66683 AU	evening set	-11875 Aug 03 j 12:11	0° \approx 15'52	
morning rise	-11876 Aug 29 j 22:34	4° \approx 09'47			-11875 Aug 03 j 19:49	30° \approx 18'18	
direct	-11876 Sep 04 j 08:56	1° \approx 51'26		inferior conj	-11875 Aug 08 j 18:43	24° \approx 05'21	-0°32'50
morning max el	-11876 Sep 15 j 18:27	8° \approx 39'30	24°37'09	minimum elong	-11875 Aug 08 j 19:23	24° \approx 03'01	0°32'01
	-11876 Oct 02 j 14:26	0° \approx		min. Earth dist.	-11875 Aug 09 j 02:06	23° \approx 39'52	0.67107 AU
desc. node	-11876 Oct 10 j 09:30	11° \approx 43'38		asc. node	-11875 Aug 10 j 12:40	21° \approx 42'44	
	-11876 Oct 21 j 11:13	0° \approx		morning rise	-11875 Aug 14 j 02:28	17° \approx 45'02	
morning set	-11876 Oct 21 j 12:06	0° \approx 03'51		direct	-11875 Aug 18 j 22:48	15° \approx 44'26	
max. Earth dist.	-11876 Oct 25 j 11:02	7° \approx 05'58	1.37967 AU	morning max el	-11875 Aug 29 j 05:12	21° \approx 55'19	23°13'38
					-11875 Sep 05 j 03:51	0° \approx	
superior conj	-11876 Nov 01 j 03:42	19° \approx 38'53	-1°37'54		-11875 Sep 25 j 22:32	0° \approx	
minimum elong	-11876 Nov 01 j 03:01	19° \approx 35'38	1°37'25	desc. node	-11875 Sep 27 j 06:26	2° \approx 06'07	
	-11876 Nov 06 j 10:09	0° \approx		morning set	-11875 Oct 02 j 13:59	10° \approx 43'30	
evening rise	-11876 Nov 09 j 14:57	6° \approx 21'56		max. Earth dist.	-11875 Oct 07 j 09:40	18° \approx 52'22	1.39947 AU
asc. node	-11876 Nov 19 j 14:24	24° \approx 42'08			-11875 Oct 13 j 16:25	0° \approx	
	-11876 Nov 23 j 07:11	0° \approx					
evening max el	-11876 Nov 26 j 12:08	3° \approx 34'31	19°09'41	superior conj	-11875 Oct 14 j 22:50	2° \approx 19'02	-1°30'08
retrograde	-11876 Dec 05 j 07:16	7° \approx 46'21		minimum elong	-11875 Oct 14 j 20:16	2° \approx 07'15	1°29'23
evening set	-11876 Dec 07 j 19:24	7° \approx 27'23		evening rise	-11875 Oct 24 j 08:57	20° \approx 07'14	
inferior conj	-11876 Dec 15 j 21:28	3° \approx 11'57	4°10'12		-11875 Oct 29 j 14:56	0° \approx	
minimum elong	-11876 Dec 15 j 23:45	3° \approx 07'59	4°10'00	asc. node	-11875 Nov 06 j 11:45	12° \approx 38'43	
min. Earth dist.	-11876 Dec 18 j 19:29	1° \approx 11'40	0.57396 AU	evening max el	-11875 Nov 09 j 14:27	16° \approx 12'34	18°29'38
	-11876 Dec 20 j 16:39	30° \approx 18'18		retrograde	-11875 Nov 17 j 07:07	19° \approx 59'47	
morning rise	-11876 Dec 24 j 02:00	28° \approx 16'55		evening set	-11875 Nov 19 j 18:29	19° \approx 37'34	
direct	-11876 Dec 29 j 09:05	27° \approx 11'34		inferior conj	-11875 Nov 27 j 07:44	15° \approx 02'03	4°15'27
desc. node	-11875 Jan 06 j 11:06	29° \approx 40'56		minimum elong	-11875 Nov 27 j 06:28	15° \approx 04'34	4°15'37
	-11875 Jan 06 j 23:31	0° \approx		min. Earth dist.	-11875 Nov 30 j 12:50	12° \approx 29'30	0.59131 AU
morning max el	-11875 Jan 12 j 09:16	4° \approx 18'58	25°09'35	morning rise	-11875 Dec 04 j 16:39	9° \approx 45'10	
	-11875 Jan 13 j 17:24	0° \approx		direct	-11875 Dec 11 j 01:45	8° \approx 01'42	
morning set	-11875 Feb 08 j 00:54	16° \approx 20'01		desc. node	-11875 Dec 24 j 07:44	14° \approx 35'47	
	-11875 Feb 14 j 09:23	0° \approx		morning max el	-11875 Dec 25 j 02:54	15° \approx 20'41	26°28'07
					-11874 Jan 06 j 01:10	0° \approx	
superior conj	-11875 Feb 15 j 00:18	1° \approx 20'59	-0°04'40		-11874 Jan 22 j 20:25	0° \approx	
minimum elong	-11875 Feb 15 j 00:31	1° \approx 22'11	0°05'13	morning set	-11874 Jan 23 j 12:09	1° \approx 21'52	
behind sun begin	-11875 Feb 14 j 19:43	0° \approx 56'07					
behind sun end	-11875 Feb 15 j 05:19	1° \approx 48'13		superior conj	-11874 Jan 30 j 11:53	16° \approx 24'44	-0°27'13
asc. node	-11875 Feb 15 j 12:02	2° \approx 24'39		minimum elong	-11874 Jan 30 j 12:58	16° \approx 30'40	0°27'29
max. Earth dist.	-11875 Feb 16 j 02:52	3° \approx 45'00	1.33086 AU	max. Earth dist.	-11874 Jan 30 j 15:52	16° \approx 46'28	1.32803 AU
evening rise	-11875 Feb 22 j 07:41	16° \approx 50'35		asc. node	-11874 Feb 02 j 09:17	22° \approx 42'31	
	-11875 Mar 01 j 02:07	0° \approx			-11874 Feb 05 j 19:17	0° \approx	
	-11875 Mar 20 j 17:19	0° \approx		evening rise	-11874 Feb 06 j 14:27	1° \approx 39'56	
evening max el	-11875 Mar 26 j 02:20	5° \approx 49'57	27°16'24		-11874 Feb 22 j 04:26	0° \approx	
desc. node	-11875 Apr 04 j 11:33	12° \approx 25'39		evening max el	-11874 Mar 08 j 04:41	17° \approx 43'25	26°33'37
retrograde	-11875 Apr 09 j 02:24	13° \approx 21'56		retrograde	-11874 Mar 22 j 07:48	25° \approx 07'07	
evening set	-11875 Apr 15 j 20:07	11° \approx 11'45		desc. node	-11874 Mar 22 j 08:40	25° \approx 07'07	
min. Earth dist.	-11875 Apr 19 j 14:51	8° \approx 15'41	0.61541 AU	evening set	-11874 Mar 28 j 10:34	23° \approx 30'38	
inferior conj	-11875 Apr 22 j 18:17	5° \approx 21'13	-3°21'46	min. Earth dist.	-11874 Apr 01 j 18:07	20° \approx 40'09	0.59553 AU
minimum elong	-11875 Apr 22 j 17:02	5° \approx 24'08	3°22'15	inferior conj	-11874 Apr 05 j 02:16	17° \approx 58'48	-2°54'27

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

minimum elong	-11874 Apr 04 j 23:17	18° ♁ 04'53	2°54'37	min. Earth dist.	-11873 Mar 14 j 15:08	2° ♁ 08'49	0.57683 AU
morning rise	-11874 Apr 12 j 14:44	13° ♁ 20'36		inferior conj	-11873 Mar 17 j 15:42	0° ♁ 02'26	-1°59'20
direct	-11874 Apr 15 j 00:45	12° ♁ 58'55		minimum elong	-11873 Mar 17 j 12:11	0° ♁ 08'38	1°59'07
morning max el	-11874 Apr 22 j 12:02	16° ♁ 36'14	18°20'39		-11873 Mar 17 j 17:06	30° ♁ 27'11	
asc. node	-11874 May 01 j 08:31	28° ♁ 52'29		morning rise	-11873 Mar 25 j 21:22	25° ♁ 42'52	
	-11874 May 02 j 00:09	0° ♁		direct	-11873 Mar 28 j 03:23	25° ♁ 27'11	
morning set	-11874 May 08 j 14:25	12° ♁ 07'19		morning max el	-11873 Apr 05 j 17:31	29° ♁ 32'06	18°57'10
					-11873 Apr 06 j 04:59	0° ♁	
superior conj	-11874 May 18 j 07:04	0° ♁ 13'46	1°46'25	asc. node	-11873 Apr 18 j 05:25	18° ♁ 06'48	
minimum elong	-11874 May 18 j 05:18	0° ♁ 05'47	1°45'59	morning set	-11873 Apr 22 j 07:13	25° ♁ 56'41	
	-11874 May 18 j 04:02	0° ♁			-11873 Apr 24 j 08:50	0° ♁	
max. Earth dist.	-11874 May 25 j 15:06	13° ♁ 11'29	1.40487 AU				
evening rise	-11874 May 30 j 15:14	21° ♁ 36'21		superior conj	-11873 May 01 j 00:53	12° ♁ 57'54	1°34'37
	-11874 Jun 04 j 19:55	0° ♁		minimum elong	-11873 Apr 30 j 21:57	12° ♁ 43'55	1°33'51
desc. node	-11874 Jun 18 j 06:08	20° ♁ 14'43		max. Earth dist.	-11873 May 07 j 15:25	25° ♁ 12'53	1.38615 AU
	-11874 Jun 25 j 08:39	0° ♁			-11873 May 10 j 08:07	0° ♁	
evening max el	-11874 Jul 03 j 21:07	10° ♁ 03'35	23°01'33	evening rise	-11873 May 11 j 17:26	2° ♁ 25'03	
retrograde	-11874 Jul 13 j 22:03	16° ♁ 01'11			-11873 May 29 j 00:45	0° ♁	
evening set	-11874 Jul 18 j 19:53	13° ♁ 57'03		desc. node	-11873 Jun 05 j 03:37	10° ♁ 00'52	
inferior conj	-11874 Jul 24 j 01:02	7° ♁ 42'50	-1°19'28	evening max el	-11873 Jun 16 j 07:36	23° ♁ 23'46	24°23'44
minimum elong	-11874 Jul 24 j 02:35	7° ♁ 37'30	1°18'31		-11873 Jun 27 j 02:43	0° ♁	
min. Earth dist.	-11874 Jul 23 j 21:52	7° ♁ 53'48	0.67238 AU	retrograde	-11873 Jun 27 j 12:06	0° ♁ 00'39	
asc. node	-11874 Jul 28 j 09:32	2° ♁ 19'20			-11873 Jun 27 j 21:24	30° ♁ 27'11	
morning rise	-11874 Jul 29 j 09:11	1° ♁ 26'50		evening set	-11873 Jul 03 j 00:47	27° ♁ 36'29	
	-11874 Jul 31 j 23:42	30° ♁ 27'11		min. Earth dist.	-11873 Jul 07 j 16:20	22° ♁ 09'44	0.67056 AU
direct	-11874 Aug 02 j 16:42	29° ♁ 44'25		inferior conj	-11873 Jul 08 j 06:47	21° ♁ 20'47	-2°01'21
	-11874 Aug 04 j 11:20	0° ♁		minimum elong	-11873 Jul 08 j 08:54	21° ♁ 13'36	2°00'29
morning max el	-11874 Aug 11 j 19:24	5° ♁ 12'36	21°51'06	morning rise	-11873 Jul 13 j 16:58	15° ♁ 12'41	
	-11874 Aug 30 j 10:52	0° ♁		asc. node	-11873 Jul 15 j 06:20	14° ♁ 17'26	
morning set	-11874 Sep 12 j 13:40	20° ♁ 08'01		direct	-11873 Jul 17 j 13:20	13° ♁ 47'34	
desc. node	-11874 Sep 14 j 03:29	22° ♁ 38'54		morning max el	-11873 Jul 25 j 15:20	18° ♁ 34'23	20°36'05
	-11874 Sep 18 j 16:02	0° ♁			-11873 Aug 03 j 16:43	0° ♁	
max. Earth dist.	-11874 Sep 19 j 12:21	1° ♁ 23'57	1.41834 AU	morning set	-11873 Aug 22 j 19:02	28° ♁ 42'11	
					-11873 Aug 23 j 15:00	0° ♁	
superior conj	-11874 Sep 26 j 21:29	13° ♁ 56'14	-1°11'14	desc. node	-11873 Sep 01 j 00:37	13° ♁ 17'24	
minimum elong	-11874 Sep 26 j 17:24	13° ♁ 38'26	1°10'10	max. Earth dist.	-11873 Sep 01 j 21:38	14° ♁ 42'01	1.43356 AU
	-11874 Oct 05 j 20:48	0° ♁					
evening rise	-11874 Oct 07 j 15:52	3° ♁ 17'18		superior conj	-11873 Sep 07 j 18:00	24° ♁ 15'31	-0°39'43
evening max el	-11874 Oct 23 j 23:33	29° ♁ 14'15	18°09'40	minimum elong	-11873 Sep 07 j 14:25	24° ♁ 00'39	0°38'36
asc. node	-11874 Oct 24 j 09:01	29° ♁ 37'12			-11873 Sep 11 j 04:27	0° ♁	
	-11874 Oct 24 j 18:57	0° ♁		evening rise	-11873 Sep 20 j 07:14	15° ♁ 40'58	
retrograde	-11874 Oct 30 j 23:16	2° ♁ 48'52			-11873 Sep 28 j 14:27	0° ♁	
evening set	-11874 Nov 02 j 11:30	2° ♁ 21'45		evening max el	-11873 Oct 07 j 12:22	12° ♁ 31'15	18°09'04
	-11874 Nov 06 j 12:16	30° ♁ 27'11		asc. node	-11873 Oct 11 j 06:13	15° ♁ 21'29	
inferior conj	-11874 Nov 09 j 12:25	27° ♁ 24'33	3°54'21	retrograde	-11873 Oct 14 j 04:02	16° ♁ 03'50	
minimum elong	-11874 Nov 09 j 09:05	27° ♁ 32'09	3°54'14	evening set	-11873 Oct 16 j 18:57	15° ♁ 29'51	
min. Earth dist.	-11874 Nov 12 j 12:41	24° ♁ 40'19	0.60990 AU	inferior conj	-11873 Oct 23 j 08:32	10° ♁ 12'30	3°16'56
morning rise	-11874 Nov 16 j 05:21	21° ♁ 49'05		minimum elong	-11873 Oct 23 j 04:43	10° ♁ 22'22	3°16'32
direct	-11874 Nov 23 j 04:21	19° ♁ 32'51		min. Earth dist.	-11873 Oct 25 j 21:48	7° ♁ 34'54	0.62727 AU
morning max el	-11874 Dec 07 j 02:37	26° ♁ 58'20	27°18'21	morning rise	-11873 Oct 29 j 13:32	4° ♁ 20'58	
	-11874 Dec 10 j 01:09	0° ♁		direct	-11873 Nov 05 j 14:51	1° ♁ 44'19	
desc. node	-11874 Dec 11 j 04:22	1° ♁ 16'14		morning max el	-11873 Nov 19 j 08:16	9° ♁ 14'50	27°34'26
	-11874 Dec 30 j 11:39	0° ♁		desc. node	-11873 Nov 28 j 01:01	19° ♁ 12'41	
morning set	-11873 Jan 07 j 20:15	16° ♁ 12'43			-11873 Dec 05 j 15:28	0° ♁	
max. Earth dist.	-11873 Jan 14 j 04:48	29° ♁ 45'11	1.32852 AU	morning set	-11873 Dec 22 j 22:57	0° ♁ 44'50	
	-11873 Jan 14 j 07:31	0° ♁			-11873 Dec 22 j 14:03	0° ♁	
				max. Earth dist.	-11873 Dec 28 j 14:02	12° ♁ 28'37	1.33251 AU
superior conj	-11873 Jan 14 j 23:39	1° ♁ 27'53	-0°48'08				
minimum elong	-11873 Jan 15 j 01:23	1° ♁ 37'19	0°48'10	superior conj	-11873 Dec 30 j 09:54	16° ♁ 24'14	-1°06'42
asc. node	-11873 Jan 20 j 06:34	12° ♁ 56'08		minimum elong	-11873 Dec 30 j 11:57	16° ♁ 35'21	1°06'34
evening rise	-11873 Jan 22 j 00:19	16° ♁ 37'03			-11872 Jan 05 j 17:26	0° ♁	
	-11873 Jan 28 j 17:54	0° ♁		evening rise	-11872 Jan 06 j 11:31	1° ♁ 35'24	
evening max el	-11873 Feb 18 j 01:36	29° ♁ 01'31	25°22'38	asc. node	-11872 Jan 07 j 03:53	3° ♁ 01'00	
	-11873 Feb 19 j 02:57	0° ♁			-11872 Jan 22 j 09:01	0° ♁	
retrograde	-11873 Mar 04 j 02:32	6° ♁ 09'23		evening max el	-11872 Jan 30 j 19:02	9° ♁ 56'36	23°53'30
evening set	-11873 Mar 09 j 06:11	5° ♁ 07'06		retrograde	-11872 Feb 13 j 08:59	16° ♁ 37'59	
desc. node	-11873 Mar 09 j 05:40	5° ♁ 07'37		evening set	-11872 Feb 17 j 10:51	16° ♁ 01'14	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

desc. node	-11872 Feb 24 j 02:34	12°♊51'53		evening set	-11871 Jan 27 j 09:20	26°♌29'25	
min. Earth dist.	-11872 Feb 24 j 08:04	12°♊43'36	0.56238 AU	inferior conj	-11871 Feb 05 j 11:39	22°♌20'48	1°08'50
inferior conj	-11872 Feb 26 j 09:28	11°♊27'48	-0°34'43	minimum elong	-11871 Feb 05 j 14:33	22°♌16'38	1°07'25
minimum elong	-11872 Feb 26 j 08:04	11°♊29'58	0°34'54	min. Earth dist.	-11871 Feb 04 j 23:00	22°♌38'56	0.55501 AU
morning rise	-11872 Mar 06 j 07:56	7°♊22'01		desc. node	-11871 Feb 09 j 23:24	19°♌55'58	
direct	-11872 Mar 08 j 12:02	7°♊09'43		morning rise	-11871 Feb 14 j 20:39	18°♌16'47	
morning max el	-11872 Mar 18 j 14:30	11°♊56'20	19°53'31	direct	-11871 Feb 17 j 06:17	18°♌03'28	
	-11872 Mar 31 j 01:55	0°♊		morning max el	-11871 Mar 01 j 00:41	23°♌41'00	21°08'48
asc. node	-11872 Apr 04 j 02:22	7°♈45'31			-11871 Mar 06 j 12:07	0°♊	
morning set	-11872 Apr 05 j 08:42	10°♈17'10		morning set	-11871 Mar 20 j 15:59	24°♊59'22	
				asc. node	-11871 Mar 21 j 23:24	27°♊41'28	
					-11871 Mar 23 j 02:04	0°♈	
superior conj	-11872 Apr 13 j 09:41	26°♈31'00	1°16'48				
minimum elong	-11872 Apr 13 j 06:44	26°♈16'18	1°15'49				
	-11872 Apr 15 j 04:01	0°♈		superior conj	-11871 Mar 28 j 05:09	10°♈39'34	0°55'29
max. Earth dist.	-11872 Apr 18 j 18:23	6°♈56'17	1.36849 AU	minimum elong	-11871 Mar 28 j 02:50	10°♈27'38	0°54'26
evening rise	-11872 Apr 22 j 20:25	14°♈30'33		max. Earth dist.	-11871 Apr 01 j 05:06	18°♈45'39	1.35352 AU
	-11872 May 01 j 19:58	0°♈		evening rise	-11871 Apr 05 j 18:22	27°♈35'57	
desc. node	-11872 May 22 j 01:03	29°♈16'21			-11871 Apr 07 j 01:04	0°♈	
	-11872 May 22 j 15:20	0°♈			-11871 Apr 25 j 02:37	0°♈	
evening max el	-11872 May 28 j 17:13	6°♈45'34	25°39'27	desc. node	-11871 May 08 j 22:26	17°♈48'18	
retrograde	-11872 Jun 09 j 21:59	13°♈53'11		evening max el	-11871 May 11 j 03:32	20°♈05'23	26°40'12
evening set	-11872 Jun 16 j 00:51	11°♈13'24		retrograde	-11871 May 24 j 03:13	27°♈32'08	
min. Earth dist.	-11872 Jun 20 j 07:12	6°♈25'39	0.66528 AU	evening set	-11871 May 30 j 17:45	24°♈45'03	
inferior conj	-11872 Jun 21 j 10:08	4°♈58'14	-2°37'06	min. Earth dist.	-11871 Jun 03 j 16:22	20°♈36'16	0.65612 AU
minimum elong	-11872 Jun 21 j 12:28	4°♈50'40	2°36'31	inferior conj	-11871 Jun 05 j 09:04	18°♈32'29	-3°05'04
	-11872 Jun 25 j 17:57	30°♈		minimum elong	-11871 Jun 05 j 11:09	18°♈26'11	3°04'53
morning rise	-11872 Jun 27 j 00:07	29°♈01'06		morning rise	-11871 Jun 11 j 04:47	12°♈48'59	
direct	-11872 Jun 30 j 11:11	27°♈51'33		direct	-11871 Jun 14 j 08:22	11°♈52'57	
asc. node	-11872 Jul 01 j 03:07	27°♈54'02		asc. node	-11871 Jun 17 j 23:54	13°♈03'46	
	-11872 Jul 05 j 12:02	0°♈		morning max el	-11871 Jun 21 j 02:15	15°♈38'31	18°45'40
morning max el	-11872 Jul 07 j 17:55	2°♈03'25	19°33'16		-11871 Jul 01 j 13:47	0°♈	
	-11872 Jul 27 j 08:24	0°♈		morning set	-11871 Jul 12 j 00:12	16°♈45'45	
morning set	-11872 Aug 01 j 00:38	7°♈18'56			-11871 Jul 20 j 05:58	0°♈	
max. Earth dist.	-11872 Aug 14 j 12:03	28°♈32'24	1.44308 AU				
	-11872 Aug 15 j 10:05	0°♈		superior conj	-11871 Jul 27 j 12:07	11°♈31'35	0°47'42
				minimum elong	-11871 Jul 27 j 17:31	11°♈52'58	0°47'32
superior conj	-11872 Aug 17 j 11:16	3°♈16'08	0°02'39	max. Earth dist.	-11871 Jul 28 j 04:25	12°♈36'04	1.44578 AU
minimum elong	-11872 Aug 17 j 11:39	3°♈17'39	0°03'11	desc. node	-11871 Aug 04 j 19:09	24°♈38'51	
behind sun begin	-11872 Aug 17 j 00:43	2°♈33'59			-11871 Aug 08 j 04:08	0°♈	
behind sun end	-11872 Aug 17 j 22:35	4°♈01'22		evening rise	-11871 Aug 12 j 17:49	7°♈16'26	
desc. node	-11872 Aug 17 j 21:51	3°♈58'29			-11871 Aug 27 j 05:52	0°♈	
evening rise	-11872 Sep 01 j 01:36	27°♈05'06		evening max el	-11871 Sep 03 j 13:31	9°♈26'58	19°02'01
	-11872 Sep 02 j 19:39	0°♈		retrograde	-11871 Sep 10 j 11:31	13°♈22'08	
evening max el	-11872 Sep 20 j 01:57	25°♈57'08	18°26'52	evening set	-11871 Sep 13 j 14:29	12°♈26'12	
retrograde	-11872 Sep 26 j 17:17	29°♈36'44		asc. node	-11871 Sep 14 j 00:27	12°♈10'30	
asc. node	-11872 Sep 27 j 03:22	29°♈35'46		inferior conj	-11871 Sep 19 j 09:51	6°♈37'59	1°39'21
evening set	-11872 Sep 29 j 13:04	28°♈53'21		minimum elong	-11871 Sep 19 j 07:35	6°♈45'00	1°39'12
inferior conj	-11872 Oct 05 j 16:43	23°♈18'55	2°30'21	min. Earth dist.	-11871 Sep 20 j 21:48	4°♈46'44	0.65406 AU
minimum elong	-11872 Oct 05 j 13:25	23°♈28'20	2°29'57	morning rise	-11871 Sep 25 j 00:13	0°♈23'58	
min. Earth dist.	-11872 Oct 07 j 17:09	21°♈00'39	0.64214 AU		-11871 Sep 25 j 11:56	30°♈	
morning rise	-11872 Oct 11 j 13:06	17°♈14'16		direct	-11871 Oct 01 j 08:34	27°♈44'02	
direct	-11872 Oct 18 j 08:26	14°♈30'25			-11871 Oct 07 j 22:35	0°♈	
morning max el	-11872 Oct 31 j 17:39	22°♈02'36	27°16'44	morning max el	-11871 Oct 14 j 04:02	5°♈09'07	26°30'11
	-11872 Nov 07 j 20:24	0°♈		desc. node	-11871 Oct 31 j 18:25	27°♈31'55	
desc. node	-11872 Nov 13 j 21:41	8°♈03'07			-11871 Nov 02 j 09:44	0°♈	
	-11872 Nov 27 j 18:02	0°♈		morning set	-11871 Nov 19 j 00:13	28°♈12'51	
morning set	-11872 Dec 05 j 17:28	14°♈48'33			-11871 Nov 19 j 22:52	0°♈	
max. Earth dist.	-11872 Dec 10 j 15:48	24°♈44'56	1.34042 AU	max. Earth dist.	-11871 Nov 23 j 07:10	6°♈29'30	1.35258 AU
	-11872 Dec 13 j 04:05	0°♈					
				superior conj	-11871 Nov 27 j 17:59	15°♈28'39	-1°32'59
superior conj	-11872 Dec 13 j 16:45	1°♈06'54	-1°22'01	minimum elong	-11871 Nov 27 j 19:24	15°♈35'55	1°32'43
minimum elong	-11872 Dec 13 j 18:44	1°♈17'25	1°21'47		-11871 Dec 04 j 17:36	0°♈	
evening rise	-11872 Dec 20 j 22:24	16°♈28'25		evening rise	-11871 Dec 05 j 07:16	1°♈10'34	
asc. node	-11872 Dec 24 j 01:14	22°♈51'32		asc. node	-11871 Dec 10 j 22:36	12°♈21'33	
	-11872 Dec 27 j 18:24	0°♈			-11871 Dec 22 j 13:40	0°♈	
evening max el	-11871 Jan 11 j 13:39	20°♈50'18	22°19'32	evening max el	-11871 Dec 24 j 15:01	2°♈05'38	20°53'00
retrograde	-11871 Jan 24 j 04:16	26°♈52'08		retrograde	-11870 Jan 04 j 18:51	7°♈19'59	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening set	-11870 Jan 07 j 12:36	7° \mathbb{M} 02'16		evening max el	-11870 Dec 07 j 02:13	13° \mathbb{A} 53'16	19°41'57
inferior conj	-11870 Jan 16 j 09:14	3° \mathbb{M} 03'24	2°45'46	retrograde	-11870 Dec 16 j 16:14	18° \mathbb{A} 24'13	
minimum elong	-11870 Jan 16 j 14:57	2° \mathbb{M} 55'04	2°43'57	evening set	-11870 Dec 19 j 05:46	18° \mathbb{A} 06'20	
min. Earth dist.	-11870 Jan 17 j 13:00	2° \mathbb{M} 22'58	0.55632 AU	inferior conj	-11870 Dec 27 j 15:10	14° \mathbb{A} 00'29	3°50'54
	-11870 Jan 22 j 01:27	30° \mathbb{R} \mathbb{A}		minimum elong	-11870 Dec 27 j 19:32	13° \mathbb{A} 53'30	3°50'07
morning rise	-11870 Jan 25 j 16:03	28° \mathbb{A} 45'17		min. Earth dist.	-11870 Dec 30 j 02:21	12° \mathbb{A} 26'17	0.56575 AU
desc. node	-11870 Jan 27 j 20:11	28° \mathbb{A} 24'49		morning rise	-11869 Jan 05 j 07:13	9° \mathbb{A} 19'32	
direct	-11870 Jan 28 j 21:29	28° \mathbb{A} 22'20		direct	-11869 Jan 09 j 20:06	8° \mathbb{A} 33'14	
	-11870 Feb 04 j 10:19	0° \mathbb{M}		desc. node	-11869 Jan 14 j 16:54	9° \mathbb{A} 27'36	
morning max el	-11870 Feb 10 j 23:54	4° \mathbb{M} 47'18	22°39'09	morning max el	-11869 Jan 23 j 15:39	15° \mathbb{A} 29'35	24°16'06
	-11870 Feb 28 j 04:19	0° \mathbb{A}			-11869 Feb 04 j 03:09	0° \mathbb{M}	
morning set	-11870 Mar 05 j 02:48	9° \mathbb{A} 55'49		morning set	-11869 Feb 17 j 15:12	24° \mathbb{M} 59'45	
asc. node	-11870 Mar 08 j 20:29	17° \mathbb{A} 49'21			-11869 Feb 19 j 23:48	0° \mathbb{A}	
				asc. node	-11869 Feb 23 j 17:39	8° \mathbb{A} 04'31	
superior conj	-11870 Mar 12 j 08:03	25° \mathbb{A} 13'28	0°32'24	superior conj	-11869 Feb 24 j 15:52	10° \mathbb{A} 04'22	0°08'48
minimum elong	-11870 Mar 12 j 06:40	25° \mathbb{A} 06'12	0°31'27	minimum elong	-11869 Feb 24 j 15:31	10° \mathbb{A} 02'29	0°08'06
	-11870 Mar 14 j 14:38	0° \mathbb{B}		behind sun begin	-11869 Feb 24 j 11:05	9° \mathbb{A} 38'34	
max. Earth dist.	-11870 Mar 15 j 01:58	0° \mathbb{B} 58'57	1.34204 AU	behind sun end	-11869 Feb 24 j 19:57	10° \mathbb{A} 26'23	
evening rise	-11870 Mar 20 j 06:05	11° \mathbb{B} 25'37		max. Earth dist.	-11869 Feb 26 j 07:52	13° \mathbb{A} 39'13	1.33402 AU
	-11870 Mar 30 j 09:43	0° \mathbb{A}		evening rise	-11869 Mar 04 j 03:30	25° \mathbb{A} 46'27	
	-11870 Apr 20 j 11:31	0° \mathbb{H}			-11869 Mar 06 j 06:32	0° \mathbb{B}	
evening max el	-11870 Apr 23 j 14:21	3° \mathbb{H} 15'15	27°17'58		-11869 Mar 23 j 21:19	0° \mathbb{A}	
desc. node	-11870 Apr 25 j 19:47	5° \mathbb{H} 18'44		evening max el	-11869 Apr 05 j 23:49	16° \mathbb{A} 03'43	27°26'23
retrograde	-11870 May 07 j 03:07	10° \mathbb{H} 49'35		desc. node	-11869 Apr 12 j 17:03	21° \mathbb{A} 22'52	
evening set	-11870 May 14 j 00:39	8° \mathbb{H} 06'52		retrograde	-11869 Apr 19 j 20:41	23° \mathbb{A} 37'21	
min. Earth dist.	-11870 May 17 j 17:56	4° \mathbb{H} 33'26	0.64301 AU	evening set	-11869 Apr 26 j 18:19	21° \mathbb{A} 12'03	
inferior conj	-11870 May 20 j 01:11	1° \mathbb{H} 59'37	-3°22'56	min. Earth dist.	-11869 Apr 30 j 10:40	18° \mathbb{A} 05'43	0.62629 AU
minimum elong	-11870 May 20 j 02:26	1° \mathbb{H} 56'10	3°23'10	inferior conj	-11869 May 03 j 07:37	15° \mathbb{A} 14'04	-3°27'16
	-11870 May 21 j 21:18	30° \mathbb{R} \mathbb{A}		minimum elong	-11869 May 03 j 07:24	15° \mathbb{A} 14'36	3°27'46
morning rise	-11870 May 26 j 04:50	26° \mathbb{A} 32'04		morning rise	-11869 May 09 j 21:44	10° \mathbb{A} 04'36	
direct	-11870 May 29 j 02:31	25° \mathbb{A} 47'31		direct	-11869 May 12 j 14:41	9° \mathbb{A} 29'53	
morning max el	-11870 Jun 04 j 14:31	29° \mathbb{A} 16'18	18°15'02	morning max el	-11869 May 19 j 04:25	12° \mathbb{A} 52'12	18°02'27
asc. node	-11870 Jun 04 j 20:42	29° \mathbb{A} 32'02		asc. node	-11869 May 22 j 17:29	17° \mathbb{A} 03'09	
	-11870 Jun 05 j 07:16	0° \mathbb{H}			-11869 May 30 j 21:01	0° \mathbb{H}	
morning set	-11870 Jun 23 j 00:56	27° \mathbb{H} 22'19		morning set	-11869 Jun 05 j 01:31	9° \mathbb{H} 07'05	
	-11870 Jun 24 j 14:22	0° \mathbb{Y}					
superior conj	-11870 Jul 06 j 18:09	20° \mathbb{Y} 03'33	1°23'54	superior conj	-11869 Jun 16 j 22:53	29° \mathbb{H} 42'34	1°44'16
minimum elong	-11870 Jul 07 j 00:28	20° \mathbb{Y} 29'02	1°23'35	minimum elong	-11869 Jun 17 j 02:02	29° \mathbb{H} 55'48	1°44'06
max. Earth dist.	-11870 Jul 10 j 19:59	26° \mathbb{Y} 35'56	1.44154 AU		-11869 Jun 17 j 03:02	0° \mathbb{Y}	
	-11870 Jul 12 j 23:19	0° \mathbb{B}		max. Earth dist.	-11869 Jun 23 j 08:22	10° \mathbb{Y} 16'49	1.43090 AU
desc. node	-11870 Jul 22 j 16:32	15° \mathbb{B} 15'21		evening rise	-11869 Jul 02 j 08:02	24° \mathbb{Y} 35'03	
evening rise	-11870 Jul 23 j 07:39	16° \mathbb{B} 14'14			-11869 Jul 05 j 19:51	0° \mathbb{B}	
	-11870 Aug 01 j 05:29	0° \mathbb{H}		desc. node	-11869 Jul 09 j 13:59	5° \mathbb{B} 44'42	
greatest brilliancy	-11870 Aug 04 j 17:50	5° \mathbb{H} 19'54	-0.7m		-11869 Jul 26 j 10:35	0° \mathbb{H}	
evening max el	-11870 Aug 17 j 20:30	22° \mathbb{H} 56'05	19°53'11	evening max el	-11869 Jul 31 j 21:07	6° \mathbb{H} 22'19	20°58'24
retrograde	-11870 Aug 25 j 07:53	27° \mathbb{H} 15'24		retrograde	-11869 Aug 09 j 04:24	11° \mathbb{H} 14'45	
evening set	-11870 Aug 28 j 20:26	26° \mathbb{H} 03'28		evening set	-11869 Aug 13 j 04:39	9° \mathbb{H} 43'41	
asc. node	-11870 Aug 31 j 21:30	23° \mathbb{H} 12'19		inferior conj	-11869 Aug 18 j 12:56	3° \mathbb{H} 36'44	-0°04'21
inferior conj	-11870 Sep 03 j 09:19	20° \mathbb{H} 04'32	0°47'01	minimum elong	-11869 Aug 18 j 13:01	3° \mathbb{H} 36'27	0°03'42
minimum elong	-11870 Sep 03 j 08:14	20° \mathbb{H} 08'04	0°47'17	transit middle	-11869 Aug 18 j 13:01	3° \mathbb{H} 36'27	0°03'42
min. Earth dist.	-11870 Sep 04 j 09:38	18° \mathbb{H} 44'44	0.66303 AU	transit begin	-11869 Aug 18 j 10:22	3° \mathbb{H} 45'29	
morning rise	-11870 Sep 08 j 19:45	13° \mathbb{H} 45'08		transit end	-11869 Aug 18 j 15:40	3° \mathbb{H} 27'25	
direct	-11870 Sep 14 j 14:31	11° \mathbb{H} 17'15		asc. node	-11869 Aug 18 j 18:27	3° \mathbb{H} 17'55	
morning max el	-11870 Sep 26 j 13:50	18° \mathbb{H} 22'20	25°22'18	min. Earth dist.	-11869 Aug 19 j 02:22	2° \mathbb{H} 51'00	0.66905 AU
	-11870 Oct 06 j 10:55	0° \mathbb{B}			-11869 Aug 21 j 06:46	30° \mathbb{R} \mathbb{B}	
desc. node	-11870 Oct 18 j 15:13	17° \mathbb{B} 27'07		morning rise	-11869 Aug 23 j 21:14	27° \mathbb{B} 15'52	
	-11870 Oct 26 j 10:22	0° \mathbb{Q}		direct	-11869 Aug 29 j 01:40	25° \mathbb{B} 04'44	
morning set	-11870 Nov 01 j 14:28	10° \mathbb{Q} 42'49			-11869 Sep 07 j 07:29	0° \mathbb{H}	
max. Earth dist.	-11870 Nov 05 j 11:56	17° \mathbb{Q} 51'26	1.36886 AU	morning max el	-11869 Sep 08 j 23:38	1° \mathbb{H} 37'21	24°01'58
					-11869 Sep 30 j 12:25	0° \mathbb{B}	
superior conj	-11870 Nov 11 j 10:39	29° \mathbb{Q} 19'30	-1°38'13	desc. node	-11869 Oct 05 j 12:06	7° \mathbb{B} 41'19	
minimum elong	-11870 Nov 11 j 10:54	29° \mathbb{Q} 20'46	1°37'51	morning set	-11869 Oct 14 j 06:53	22° \mathbb{B} 05'06	
	-11870 Nov 11 j 18:49	0° \mathbb{H}		max. Earth dist.	-11869 Oct 18 j 11:03	29° \mathbb{B} 20'39	1.38808 AU
evening rise	-11870 Nov 19 j 12:10	15° \mathbb{H} 35'00			-11869 Oct 18 j 19:54	0° \mathbb{Q}	
	-11870 Nov 27 j 00:50	0° \mathbb{B}					
asc. node	-11870 Nov 27 j 19:57	1° \mathbb{B} 22'47		superior conj	-11869 Oct 25 j 15:00	12° \mathbb{Q} 29'01	-1°35'50

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

minimum elong	-11869 Oct 25 j 13:32	12°Ω22'07	1°35'15	max. Earth dist.	-11868 Sep 29 j 11:21	11°☿26'40	1.40781 AU
evening rise	-11869 Nov 03 j 10:55	29°Ω36'21					
	-11869 Nov 03 j 15:45	0°♊		superior conj	-11868 Oct 07 j 02:06	24°☿43'49	-1°23'36
asc. node	-11869 Nov 14 j 17:18	19°♊45'56		minimum elong	-11868 Oct 06 j 22:46	24°☿28'50	1°22'42
evening max el	-11869 Nov 19 j 23:25	26°♊13'46	18°50'09		-11868 Oct 09 j 23:45	0°Ω	
	-11869 Nov 26 j 06:36	0°♊		evening rise	-11868 Oct 17 j 00:39	13°Ω07'43	
retrograde	-11869 Nov 28 j 05:51	0°♊13'21			-11868 Oct 26 j 10:00	0°♊	
	-11869 Nov 30 j 06:09	30°♊		asc. node	-11868 Oct 31 j 14:35	7°♊19'17	
evening set	-11869 Nov 30 j 17:41	29°♊53'01		evening max el	-11868 Nov 02 j 04:51	9°♊02'10	18°18'41
inferior conj	-11869 Dec 08 j 14:13	25°♊29'16	4°16'21	retrograde	-11868 Nov 09 j 13:16	12°♊43'03	
minimum elong	-11869 Dec 08 j 14:53	25°♊28'02	4°16'26	evening set	-11868 Nov 12 j 00:44	12°♊18'58	
min. Earth dist.	-11869 Dec 11 j 16:58	23°♊13'10	0.58105 AU	inferior conj	-11868 Nov 19 j 08:35	7°♊33'50	4°09'08
morning rise	-11869 Dec 16 j 10:11	20°♊24'54		minimum elong	-11868 Nov 19 j 06:14	7°♊38'50	4°09'12
direct	-11869 Dec 22 j 05:48	19°♊03'32		min. Earth dist.	-11868 Nov 22 j 12:34	4°♊53'59	0.59916 AU
desc. node	-11868 Jan 01 j 13:34	23°♊05'46		morning rise	-11868 Nov 26 j 10:09	2°♊08'34	
morning max el	-11868 Jan 05 j 06:44	26°♊15'54	25°45'52	direct	-11868 Dec 03 j 02:28	0°♊10'20	
	-11868 Jan 08 j 20:16	0°♊		morning max el	-11868 Dec 17 j 02:58	7°♊32'12	26°53'41
	-11868 Jan 28 j 03:55	0°♊		desc. node	-11868 Dec 18 j 10:12	8°♊49'34	
morning set	-11868 Feb 02 j 03:24	10°♊04'17			-11867 Jan 03 j 03:44	0°♊	
				morning set	-11867 Jan 16 j 13:35	25°♊02'47	
superior conj	-11868 Feb 09 j 02:33	25°♊05'01	-0°14'23		-11867 Jan 18 j 21:58	0°♊	
minimum elong	-11868 Feb 09 j 03:09	25°♊08'19	0°14'49				
behind sun begin	-11868 Feb 09 j 01:27	24°♊59'02		superior conj	-11867 Jan 23 j 14:25	10°♊09'21	-0°36'20
behind sun end	-11868 Feb 09 j 04:52	25°♊17'37		minimum elong	-11867 Jan 23 j 15:48	10°♊16'57	0°36'29
max. Earth dist.	-11868 Feb 09 j 19:28	26°♊37'07	1.32929 AU	max. Earth dist.	-11867 Jan 23 j 09:02	9°♊39'59	1.32778 AU
asc. node	-11868 Feb 10 j 14:52	28°♊22'30		asc. node	-11867 Jan 27 j 12:08	18°♊39'15	
	-11868 Feb 11 j 08:52	0°♊		evening rise	-11867 Jan 30 j 15:50	25°♊21'19	
evening rise	-11868 Feb 16 j 07:32	10°♊27'44			-11867 Feb 01 j 22:05	0°♊	
	-11868 Feb 26 j 14:14	0°♊			-11867 Feb 19 j 15:18	0°♊	
evening max el	-11868 Mar 18 j 05:15	28°♊18'50	27°02'04	evening max el	-11867 Feb 28 j 05:04	9°♊56'10	26°06'22
	-11868 Mar 20 j 01:23	0°♊		retrograde	-11867 Mar 14 j 07:50	17°♊14'35	
desc. node	-11868 Mar 29 j 14:14	5°♊28'15		desc. node	-11867 Mar 16 j 11:15	17°♊03'06	
retrograde	-11868 Apr 01 j 06:40	5°♊47'08		evening set	-11867 Mar 20 j 01:48	15°♊52'47	
evening set	-11868 Apr 07 j 19:25	3°♊50'40		min. Earth dist.	-11867 Mar 24 j 18:19	13°♊00'49	0.58730 AU
min. Earth dist.	-11868 Apr 11 j 18:16	0°♊58'54	0.60706 AU	inferior conj	-11867 Mar 28 j 01:16	10°♊31'35	-2°34'46
	-11868 Apr 12 j 21:49	30°♊		minimum elong	-11867 Mar 27 j 21:49	10°♊38'12	2°34'45
inferior conj	-11868 Apr 15 j 00:50	28°♊07'28	-3°13'13	morning rise	-11867 Apr 04 j 20:55	6°♊01'59	
minimum elong	-11868 Apr 14 j 22:48	28°♊11'58	3°13'37	direct	-11867 Apr 07 j 05:13	5°♊43'05	
morning rise	-11868 Apr 22 j 04:20	23°♊17'48		morning max el	-11867 Apr 15 j 02:30	9°♊29'53	18°33'47
direct	-11868 Apr 24 j 17:01	22°♊51'39		asc. node	-11867 Apr 25 j 11:10	24°♊19'47	
morning max el	-11868 May 01 j 17:20	26°♊19'15	18°08'31		-11867 Apr 28 j 13:09	0°♊	
	-11868 May 04 j 22:21	0°♊		morning set	-11867 May 01 j 07:33	5°♊16'05	
asc. node	-11868 May 08 j 14:18	5°♊22'39					
morning set	-11868 May 17 j 21:16	21°♊48'32		superior conj	-11867 May 10 j 13:34	22°♊52'19	1°42'20
	-11868 May 22 j 07:59	0°♊		minimum elong	-11867 May 10 j 11:08	22°♊41'03	1°41'47
					-11867 May 14 j 11:11	0°♊	
superior conj	-11868 May 28 j 06:34	10°♊41'41	1°49'11	max. Earth dist.	-11867 May 17 j 16:42	5°♊43'34	1.39695 AU
minimum elong	-11868 May 28 j 06:11	10°♊40'03	1°48'55	evening rise	-11867 May 22 j 03:39	13°♊21'58	
max. Earth dist.	-11868 Jun 04 j 15:17	23°♊22'01	1.41529 AU		-11867 Jun 01 j 11:33	0°♊	
	-11868 Jun 08 j 15:36	0°♊		desc. node	-11867 Jun 12 j 08:57	16°♊01'33	
evening rise	-11868 Jun 10 j 17:23	3°♊21'35			-11867 Jun 23 j 06:30	0°♊	
desc. node	-11868 Jun 25 j 11:29	26°♊01'58		evening max el	-11867 Jun 26 j 02:47	3°♊03'06	23°36'37
	-11868 Jun 28 j 05:06	0°♊		retrograde	-11867 Jul 06 j 15:42	9°♊18'34	
evening max el	-11868 Jul 13 j 14:42	19°♊43'55	22°14'35	evening set	-11867 Jul 11 j 19:51	7°♊05'21	
retrograde	-11868 Jul 22 j 23:24	25°♊16'52		min. Earth dist.	-11867 Jul 16 j 17:07	1°♊17'16	0.67203 AU
evening set	-11868 Jul 27 j 13:05	23°♊24'42		inferior conj	-11867 Jul 17 j 01:04	0°♊49'59	-1°37'54
inferior conj	-11868 Aug 01 j 18:46	17°♊12'18	-0°53'06	minimum elong	-11867 Jul 17 j 02:54	0°♊43'41	1°36'58
minimum elong	-11868 Aug 01 j 19:51	17°♊08'35	0°52'14		-11867 Jul 17 j 15:39	30°♊	
min. Earth dist.	-11868 Aug 01 j 21:38	17°♊02'24	0.67207 AU	morning rise	-11867 Jul 22 j 09:53	24°♊37'00	
asc. node	-11868 Aug 04 j 15:19	13°♊25'34		asc. node	-11867 Jul 22 j 12:09	24°♊32'40	
morning rise	-11868 Aug 07 j 02:32	10°♊53'39		direct	-11867 Jul 26 j 12:19	23°♊02'22	
direct	-11868 Aug 11 j 17:12	9°♊01'00		morning max el	-11867 Aug 04 j 04:10	28°♊12'42	21°17'53
morning max el	-11868 Aug 21 j 11:35	14°♊53'24	22°37'59		-11867 Aug 05 j 19:50	0°♊	
	-11868 Sep 02 j 14:28	0°♊			-11867 Aug 27 j 06:23	0°♊	
desc. node	-11868 Sep 21 j 09:06	28°♊08'37		morning set	-11867 Sep 03 j 11:35	11°♊09'28	
	-11868 Sep 22 j 12:54	0°♊		desc. node	-11867 Sep 08 j 06:10	18°♊44'11	
morning set	-11868 Sep 23 j 21:22	2°♊11'16		max. Earth dist.	-11867 Sep 11 j 16:44	24°♊18'35	1.42536 AU

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11867 Sep 15 j 03:25	0°☿		minimum elong	-11866 Aug 29 j 20:27	15°☿24'17	0°21'49
superior conj	-11867 Sep 18 j 14:08	5°☿48'36	-0°59'23	evening rise	-11866 Sep 07 j 15:52	0°☿	
minimum elong	-11867 Sep 18 j 09:53	5°☿30'31	0°58'15		-11866 Sep 12 j 08:46	7°☿59'46	
evening rise	-11867 Sep 30 j 01:35	25°☿59'29		evening max el	-11866 Sep 25 j 18:16	0°☿	
	-11867 Oct 02 j 07:09	0°☿		asc. node	-11866 Sep 30 j 05:25	5°☿32'49	18°14'30
evening max el	-11867 Oct 16 j 15:50	22°☿10'49	18°07'07	retrograde	-11866 Oct 05 j 09:00	8°☿56'02	
asc. node	-11867 Oct 18 j 11:49	23°☿48'01		evening set	-11866 Oct 06 j 20:04	9°☿07'10	
retrograde	-11867 Oct 23 j 11:21	25°☿43'43		inferior conj	-11866 Oct 09 j 12:45	8°☿29'37	
evening set	-11867 Oct 26 j 00:19	25°☿14'08		minimum elong	-11866 Oct 15 j 21:57	3°☿04'57	2°57'57
inferior conj	-11867 Nov 01 j 20:16	20°☿08'11	3°40'01	min. Earth dist.	-11866 Oct 15 j 18:16	3°☿14'55	2°57'31
minimum elong	-11867 Nov 01 j 16:34	20°☿17'07	3°39'45		-11866 Oct 18 j 05:58	0°☿34'03	0.63397 AU
min. Earth dist.	-11867 Nov 04 j 16:22	17°☿24'32	0.61744 AU	morning rise	-11866 Oct 18 j 19:05	30°☿☿	
morning rise	-11867 Nov 08 j 07:36	14°☿25'14		direct	-11866 Oct 21 j 22:56	27°☿07'29	
direct	-11867 Nov 15 j 08:41	11°☿58'29			-11866 Oct 28 j 22:41	24°☿25'49	
morning max el	-11867 Nov 29 j 05:36	19°☿27'23	27°29'35	morning max el	-11866 Nov 09 j 09:47	0°☿	
desc. node	-11867 Dec 05 j 06:50	26°☿05'25		desc. node	-11866 Nov 11 j 13:00	1°☿58'07	27°30'42
	-11867 Dec 08 j 08:33	0°☿			-11866 Nov 22 j 03:32	14°☿27'18	
	-11867 Dec 26 j 20:58	0°☿		morning set	-11866 Dec 02 j 12:34	0°☿	
morning set	-11867 Dec 31 j 19:40	9°☿46'37			-11866 Dec 15 j 19:13	24°☿07'29	
max. Earth dist.	-11866 Jan 06 j 20:43	22°☿32'54	1.32967 AU	max. Earth dist.	-11866 Dec 18 j 16:40	0°☿	
					-11866 Dec 21 j 02:56	5°☿04'17	1.33535 AU
superior conj	-11866 Jan 08 j 01:43	25°☿10'09	-0°56'22	superior conj	-11866 Dec 23 j 10:45	10°☿01'20	-1°13'39
minimum elong	-11866 Jan 08 j 03:38	25°☿20'33	0°56'18	minimum elong	-11866 Dec 23 j 12:51	10°☿12'31	1°13'29
	-11866 Jan 10 j 07:01	0°☿		evening rise	-11866 Dec 30 j 13:41	25°☿15'29	
asc. node	-11866 Jan 14 j 09:26	8°☿49'33		asc. node	-11865 Jan 01 j 06:46	28°☿48'37	
evening rise	-11866 Jan 15 j 02:26	10°☿19'11			-11865 Jan 01 j 20:45	0°☿	
	-11866 Jan 25 j 08:16	0°☿			-11865 Jan 20 j 20:02	0°☿	
evening max el	-11866 Feb 09 j 23:52	21°☿01'22	24°46'14	evening max el	-11865 Jan 22 j 17:13	1°☿52'48	23°13'23
retrograde	-11866 Feb 23 j 21:54	28°☿00'26		retrograde	-11865 Feb 04 j 23:04	8°☿18'27	
evening set	-11866 Feb 28 j 14:16	27°☿10'24		evening set	-11865 Feb 08 j 14:49	7°☿49'16	
desc. node	-11866 Mar 03 j 08:12	25°☿58'23		min. Earth dist.	-11865 Feb 16 j 05:37	4°☿19'25	0.55822 AU
min. Earth dist.	-11866 Mar 06 j 13:26	24°☿05'05	0.56992 AU	inferior conj	-11865 Feb 17 j 16:21	3°☿28'03	0°08'10
inferior conj	-11866 Mar 09 j 06:11	22°☿18'34	-1°26'51	minimum elong	-11865 Feb 17 j 16:40	3°☿27'35	0°07'29
minimum elong	-11866 Mar 09 j 03:11	22°☿23'32	1°26'39	transit middle	-11865 Feb 17 j 16:40	3°☿27'35	0°07'29
morning rise	-11866 Mar 17 j 19:20	18°☿05'58		transit begin	-11865 Feb 17 j 13:07	3°☿32'52	
direct	-11866 Mar 19 j 23:47	17°☿52'16		transit end	-11865 Feb 17 j 20:14	3°☿22'19	
morning max el	-11866 Mar 29 j 04:46	22°☿13'34	19°18'45	desc. node	-11865 Feb 18 j 05:06	3°☿09'13	
	-11866 Apr 04 j 11:25	0°☿			-11865 Feb 24 j 14:04	30°☿☿	
asc. node	-11866 Apr 12 j 08:07	13°☿45'12		morning rise	-11865 Feb 26 j 20:25	29°☿24'24	
morning set	-11866 Apr 15 j 04:25	19°☿19'26		direct	-11865 Mar 01 j 01:30	29°☿12'21	
	-11866 Apr 20 j 13:12	0°☿			-11865 Mar 05 j 08:09	0°☿	
superior conj	-11866 Apr 23 j 14:22	5°☿59'02	1°27'38	morning max el	-11865 Mar 11 j 21:15	4°☿20'45	20°23'21
minimum elong	-11866 Apr 23 j 11:18	5°☿44'11	1°26'46		-11865 Mar 28 j 11:01	0°☿	
max. Earth dist.	-11866 Apr 29 j 16:50	17°☿31'59	1.37838 AU	morning set	-11865 Mar 30 j 08:39	3°☿49'33	
evening rise	-11866 May 03 j 17:03	24°☿45'15		asc. node	-11865 Mar 30 j 05:06	3°☿31'32	
	-11866 May 06 j 17:32	0°☿		superior conj	-11865 Apr 07 j 04:05	19°☿37'48	1°08'04
	-11866 May 26 j 02:20	0°☿		minimum elong	-11865 Apr 07 j 01:20	19°☿33'57	1°07'02
desc. node	-11866 May 30 j 06:22	5°☿36'06		max. Earth dist.	-11865 Apr 11 j 22:29	29°☿14'16	1.36172 AU
evening max el	-11866 Jun 08 j 12:31	16°☿23'59	24°57'12		-11865 Apr 12 j 07:57	0°☿	
retrograde	-11866 Jun 20 j 04:14	23°☿15'58		evening rise	-11865 Apr 16 j 04:47	7°☿18'05	
evening set	-11866 Jun 25 j 23:00	20°☿44'32			-11865 Apr 29 j 11:32	0°☿	
min. Earth dist.	-11866 Jun 30 j 10:29	15°☿33'54	0.66873 AU	desc. node	-11865 May 17 j 03:47	24°☿34'57	
inferior conj	-11866 Jul 01 j 06:04	14°☿28'34	-2°17'23	evening max el	-11865 May 21 j 22:33	29°☿46'24	26°07'44
minimum elong	-11866 Jul 01 j 08:19	14°☿21'01	2°16'36		-11865 May 22 j 04:04	0°☿	
morning rise	-11866 Jul 06 j 17:38	8°☿24'32		retrograde	-11865 Jun 03 j 12:12	7°☿03'19	
asc. node	-11866 Jul 09 j 08:58	7°☿12'25		evening set	-11865 Jun 09 j 20:20	4°☿19'35	
direct	-11866 Jul 10 j 09:44	7°☿06'22			-11865 Jun 13 j 19:33	30°☿☿	
morning max el	-11866 Jul 18 j 02:57	11°☿37'50	20°07'34	min. Earth dist.	-11865 Jun 13 j 23:17	29°☿48'19	0.66184 AU
	-11866 Jul 31 j 19:12	0°☿		inferior conj	-11865 Jun 15 j 07:49	28°☿05'17	-2°50'05
morning set	-11866 Aug 13 j 14:30	19°☿37'57		minimum elong	-11865 Jun 15 j 10:07	27°☿58'03	2°49'38
	-11866 Aug 20 j 05:23	0°☿		morning rise	-11865 Jun 20 j 23:58	22°☿13'22	
max. Earth dist.	-11866 Aug 25 j 03:56	7°☿50'38	1.43837 AU	direct	-11865 Jun 24 j 07:42	21°☿09'40	
desc. node	-11866 Aug 26 j 03:20	9°☿24'23		asc. node	-11865 Jun 26 j 05:45	21°☿29'57	
				morning max el	-11865 Jul 01 j 08:03	25°☿09'16	19°10'59
superior conj	-11866 Aug 29 j 22:46	15°☿33'43	-0°22'45		-11865 Jul 05 j 09:45	0°☿	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

morning set	-11865 Jul 24 j 02:09	28° Υ 31'44		superior conj	-11864 Jul 18 j 07:10	2° \mathcal{B} 23'32	1°04'44
	-11865 Jul 25 j 00:27	0° \mathcal{B}		minimum elong	-11864 Jul 18 j 13:38	2° \mathcal{B} 49'15	1°04'26
max. Earth dist.	-11865 Aug 07 j 19:37	21° \mathcal{B} 49'11	1.44517 AU	max. Earth dist.	-11864 Jul 20 j 12:40	5° \mathcal{B} 55'58	1.44492 AU
				desc. node	-11864 Jul 29 j 21:54	20° \mathcal{B} 44'47	
superior conj	-11865 Aug 09 j 06:56	24° \mathcal{B} 09'08	0°22'06	evening rise	-11864 Aug 03 j 20:59	28° \mathcal{B} 33'13	
minimum elong	-11865 Aug 09 j 09:39	24° \mathcal{B} 19'53	0°22'18		-11864 Aug 04 j 19:03	0° Π	
	-11865 Aug 12 j 23:12	0° Π			-11864 Aug 24 j 22:31	0° \mathcal{E}	
desc. node	-11865 Aug 13 j 00:35	0° Π 05'30		evening max el	-11864 Aug 27 j 04:28	2° \mathcal{E} 31'21	19°21'49
evening rise	-11865 Aug 24 j 16:28	18° Π 53'58		retrograde	-11864 Sep 03 j 07:12	6° \mathcal{E} 35'28	
	-11865 Aug 31 j 11:53	0° \mathcal{E}		evening set	-11864 Sep 06 j 14:03	5° \mathcal{E} 32'58	
evening max el	-11865 Sep 13 j 18:33	19° \mathcal{E} 01'14	18°39'47	asc. node	-11864 Sep 08 j 03:13	4° \mathcal{E} 21'31	
retrograde	-11865 Sep 20 j 11:42	22° \mathcal{E} 45'56			-11864 Sep 11 j 24:00	30° $\mathcal{R}\Pi$	
asc. node	-11865 Sep 22 j 06:08	22° \mathcal{E} 28'24		inferior conj	-11864 Sep 12 j 06:25	29° Π 39'34	1°17'08
evening set	-11865 Sep 23 j 10:22	21° \mathcal{E} 57'30		minimum elong	-11864 Sep 12 j 04:39	29° Π 45'12	1°17'09
inferior conj	-11865 Sep 29 j 10:17	16° \mathcal{E} 16'54	2°09'00	min. Earth dist.	-11864 Sep 13 j 13:11	28° Π 01'40	0.65833 AU
minimum elong	-11865 Sep 29 j 07:24	16° \mathcal{E} 25'29	2°08'41	morning rise	-11864 Sep 17 j 18:55	23° Π 22'55	
min. Earth dist.	-11865 Oct 01 j 05:19	14° \mathcal{E} 09'34	0.64769 AU	direct	-11864 Sep 23 j 21:36	20° Π 47'40	
morning rise	-11865 Oct 05 j 03:52	10° \mathcal{E} 08'05		morning max el	-11864 Oct 06 j 09:12	28° Π 05'12	26°03'21
direct	-11865 Oct 11 j 19:08	7° \mathcal{E} 24'42			-11864 Oct 08 j 05:36	0° \mathcal{E}	
morning max el	-11865 Oct 24 j 22:52	14° \mathcal{E} 54'20	26°59'55	desc. node	-11864 Oct 25 j 20:59	23° \mathcal{E} 16'41	
	-11865 Nov 06 j 11:26	0° Ω			-11864 Oct 30 j 04:44	0° Ω	
desc. node	-11865 Nov 09 j 00:15	3° Ω 35'33		morning set	-11864 Nov 11 j 09:32	20° Ω 58'05	
	-11865 Nov 25 j 03:51	0° \mathcal{M}		max. Earth dist.	-11864 Nov 15 j 11:23	28° Ω 40'27	1.35912 AU
morning set	-11865 Nov 29 j 09:11	7° \mathcal{M} 55'21			-11864 Nov 16 j 03:47	0° \mathcal{M}	
max. Earth dist.	-11865 Dec 04 j 00:27	17° \mathcal{M} 06'26	1.34511 AU				
				superior conj	-11864 Nov 20 j 13:31	8° \mathcal{M} 45'38	-1°36'01
superior conj	-11865 Dec 07 j 15:31	24° \mathcal{M} 35'57	-1°27'16	minimum elong	-11864 Nov 20 j 14:30	8° \mathcal{M} 50'41	1°35'43
minimum elong	-11865 Dec 07 j 17:20	24° \mathcal{M} 45'27	1°27'02	evening rise	-11864 Nov 28 j 07:23	24° \mathcal{M} 40'06	
	-11865 Dec 10 j 05:05	0° \mathcal{A}			-11864 Nov 30 j 22:49	0° \mathcal{A}	
evening rise	-11865 Dec 14 j 23:55	10° \mathcal{A} 04'30		asc. node	-11864 Dec 05 j 01:30	7° \mathcal{A} 50'04	
asc. node	-11865 Dec 19 j 04:07	18° \mathcal{A} 31'07		evening max el	-11864 Dec 16 j 19:29	24° \mathcal{A} 21'27	20°20'28
	-11865 Dec 25 j 13:38	0° \mathcal{M}		retrograde	-11864 Dec 27 j 06:57	29° \mathcal{A} 16'40	
evening max el	-11864 Jan 04 j 14:16	12° \mathcal{M} 53'42	21°41'13	evening set	-11864 Dec 29 j 22:23	28° \mathcal{A} 59'13	
retrograde	-11864 Jan 16 j 14:39	18° \mathcal{M} 34'59		inferior conj	-11863 Jan 07 j 14:33	24° \mathcal{A} 58'44	3°18'17
evening set	-11864 Jan 19 j 14:01	18° \mathcal{M} 15'09		minimum elong	-11863 Jan 07 j 20:11	24° \mathcal{A} 50'15	3°16'49
inferior conj	-11864 Jan 28 j 14:56	14° \mathcal{M} 13'09	1°52'35	min. Earth dist.	-11863 Jan 09 j 09:10	23° \mathcal{A} 54'47	0.55941 AU
minimum elong	-11864 Jan 28 j 19:28	14° \mathcal{M} 06'41	1°50'46	morning rise	-11863 Jan 16 j 16:21	20° \mathcal{A} 31'46	
min. Earth dist.	-11864 Jan 28 j 19:53	14° \mathcal{M} 06'06	0.55450 AU	direct	-11863 Jan 20 j 10:12	20° \mathcal{A} 00'54	
desc. node	-11864 Feb 05 j 01:57	10° \mathcal{M} 35'50		desc. node	-11863 Jan 21 j 22:44	20° \mathcal{A} 06'10	
morning rise	-11864 Feb 07 j 00:46	10° \mathcal{M} 05'05		morning max el	-11863 Feb 02 j 21:49	26° \mathcal{A} 40'53	23°20'30
direct	-11864 Feb 09 j 17:18	9° \mathcal{M} 48'52			-11863 Feb 06 j 01:40	0° \mathcal{M}	
morning max el	-11864 Feb 22 j 02:26	15° \mathcal{M} 47'34	21°45'50		-11863 Feb 24 j 10:58	0° \mathcal{A}	
	-11864 Mar 03 j 21:27	0° \mathcal{A}		morning set	-11863 Feb 26 j 05:26	3° \mathcal{A} 39'39	
morning set	-11864 Mar 13 j 17:43	18° \mathcal{A} 39'00		asc. node	-11863 Mar 02 j 23:17	13° \mathcal{A} 44'56	
asc. node	-11864 Mar 16 j 02:09	23° \mathcal{A} 33'18					
	-11864 Mar 19 j 03:39	0° \mathcal{B}		superior conj	-11863 Mar 05 j 08:19	18° \mathcal{A} 50'17	0°22'23
				minimum elong	-11863 Mar 05 j 07:22	18° \mathcal{A} 45'16	0°21'32
superior conj	-11864 Mar 21 j 03:03	4° \mathcal{B} 08'13	0°45'49	max. Earth dist.	-11863 Mar 07 j 14:59	23° \mathcal{A} 40'08	1.33815 AU
minimum elong	-11864 Mar 21 j 01:07	3° \mathcal{B} 58'07	0°44'48		-11863 Mar 10 j 16:12	0° \mathcal{B}	
max. Earth dist.	-11864 Mar 24 j 13:54	11° \mathcal{B} 14'34	1.34819 AU	evening rise	-11863 Mar 13 j 01:25	4° \mathcal{B} 48'12	
evening rise	-11864 Mar 29 j 09:10	20° \mathcal{B} 44'13			-11863 Mar 27 j 01:47	0° \approx	
	-11864 Apr 03 j 08:33	0° \approx		evening max el	-11863 Apr 15 j 19:45	26° \approx 05'26	27°25'22
	-11864 Apr 22 j 08:28	0° \mathcal{H}		desc. node	-11863 Apr 19 j 22:31	29° \approx 40'53	
desc. node	-11864 May 03 j 01:11	12° \mathcal{H} 43'42			-11863 Apr 20 j 08:43	0° \mathcal{H}	
evening max el	-11864 May 03 j 09:26	13° \mathcal{H} 04'06	26°59'33	retrograde	-11863 Apr 29 j 12:14	3° \mathcal{H} 40'22	
retrograde	-11864 May 16 j 15:01	20° \mathcal{H} 34'26		evening set	-11863 May 06 j 11:00	1° \mathcal{H} 03'06	
evening set	-11864 May 23 j 09:20	17° \mathcal{H} 47'45			-11863 May 07 j 17:58	30° $\mathcal{R}\approx$	
min. Earth dist.	-11864 May 27 j 05:22	13° \mathcal{H} 54'47	0.65106 AU	min. Earth dist.	-11863 May 10 j 03:03	27° \approx 42'51	0.63631 AU
inferior conj	-11864 May 29 j 04:12	11° \mathcal{H} 37'23	-3°14'05	inferior conj	-11863 May 12 j 16:32	24° \approx 59'25	-3°26'41
minimum elong	-11864 May 29 j 05:59	11° \mathcal{H} 32'07	3°14'04	minimum elong	-11863 May 12 j 17:13	24° \approx 57'34	3°27'04
morning rise	-11864 Jun 04 j 02:59	6° \mathcal{H} 00'22		morning rise	-11863 May 19 j 00:20	19° \approx 39'38	
direct	-11864 Jun 07 j 04:00	5° \mathcal{H} 09'17		direct	-11863 May 21 j 19:55	18° \approx 59'27	
asc. node	-11864 Jun 12 j 02:32	7° \mathcal{H} 15'16		morning max el	-11863 May 28 j 07:36	22° \approx 23'53	18°07'32
morning max el	-11864 Jun 13 j 18:19	8° \mathcal{H} 46'07	18°30'32	asc. node	-11863 May 29 j 23:18	24° \approx 11'57	
	-11864 Jun 28 j 08:43	0° \mathcal{Y}			-11863 Jun 03 j 05:45	0° \mathcal{H}	
morning set	-11864 Jul 03 j 12:17	8° \mathcal{Y} 28'16		morning set	-11863 Jun 14 j 23:35	19° \mathcal{H} 34'35	
	-11864 Jul 16 j 19:08	0° \mathcal{B}			-11863 Jun 21 j 02:03	0° \mathcal{Y}	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11863 Jun 27 j 21:30	11° Υ 20'16	1°34'36	minimum elong	-11862 Jun 08 j 15:16	21° Υ 39'46	1°47'53
minimum elong	-11863 Jun 28 j 02:45	11° Υ 41'46	1°34'21		-11862 Jun 13 j 13:42	0° Υ	
max. Earth dist.	-11863 Jul 03 j 03:17	19° Υ 50'15	1.43769 AU	max. Earth dist.	-11862 Jun 15 j 12:51	3° Υ 14'57	1.42465 AU
	-11863 Jul 09 j 12:55	0° Υ		evening rise	-11862 Jun 23 j 03:56	15° Υ 31'30	
evening rise	-11863 Jul 14 j 02:43	7° Υ 08'48			-11862 Jul 02 j 13:15	0° Υ	
desc. node	-11863 Jul 16 j 19:20	11° Υ 18'51		desc. node	-11862 Jul 03 j 16:47	1° Υ 43'29	
	-11863 Jul 29 j 03:48	0° Υ		evening max el	-11862 Jul 24 j 06:19	29° Υ 23'26	21°29'48
evening max el	-11863 Aug 10 j 08:51	15° Υ 59'35	20°19'16		-11862 Jul 24 j 21:00	0° Υ	
retrograde	-11863 Aug 18 j 04:01	20° Υ 32'22		retrograde	-11862 Aug 02 j 00:08	4° Υ 32'59	
evening set	-11863 Aug 21 j 21:16	19° Υ 12'36		evening set	-11862 Aug 06 j 05:47	2° Υ 53'18	
asc. node	-11863 Aug 26 j 00:11	14° Υ 54'22			-11862 Aug 09 j 01:22	30° Υ	
inferior conj	-11863 Aug 27 j 07:56	13° Υ 09'38	0°25'02	inferior conj	-11862 Aug 11 j 12:42	26° Υ 43'41	-0°25'24
minimum elong	-11863 Aug 27 j 07:22	13° Υ 11'34	0°25'28	minimum elong	-11862 Aug 11 j 13:14	26° Υ 41'52	0°24'39
min. Earth dist.	-11863 Aug 28 j 03:29	12° Υ 04'13	0.66591 AU	min. Earth dist.	-11862 Aug 11 j 21:41	26° Υ 12'48	0.67061 AU
morning rise	-11863 Sep 01 j 17:14	6° Υ 48'59		asc. node	-11862 Aug 12 j 21:06	24° Υ 53'07	
direct	-11863 Sep 07 j 05:45	4° Υ 28'03		morning rise	-11862 Aug 16 j 20:32	20° Υ 23'03	
morning max el	-11863 Sep 18 j 19:07	11° Υ 21'11	24°49'10	direct	-11862 Aug 21 j 18:58	18° Υ 19'35	
	-11863 Oct 03 j 18:21	0° Υ		morning max el	-11862 Sep 01 j 05:27	24° Υ 36'29	23°26'13
desc. node	-11863 Oct 12 j 17:49	13° Υ 21'17			-11862 Sep 06 j 00:39	0° Υ	
	-11863 Oct 22 j 21:26	0° Υ			-11862 Sep 27 j 06:17	0° Υ	
morning set	-11863 Oct 24 j 15:18	3° Υ 02'13		desc. node	-11862 Sep 29 j 14:42	3° Υ 41'42	
max. Earth dist.	-11863 Oct 28 j 13:16	10° Υ 03'22	1.37679 AU	morning set	-11862 Oct 05 j 21:02	13° Υ 53'09	
				max. Earth dist.	-11862 Oct 10 j 11:37	21° Υ 43'49	1.39653 AU
					-11862 Oct 15 j 03:36	0° Υ	
superior conj	-11863 Nov 04 j 01:31	22° Υ 21'03	-1°38'16				
minimum elong	-11863 Nov 04 j 01:06	22° Υ 19'02	1°37'50				
	-11863 Nov 07 j 22:41	0° Υ		superior conj	-11862 Oct 17 j 23:12	5° Υ 09'22	-1°32'01
evening rise	-11863 Nov 12 j 10:02	8° Υ 56'25		minimum elong	-11862 Oct 17 j 20:55	4° Υ 58'50	1°31'17
asc. node	-11863 Nov 21 j 22:51	26° Υ 37'06		evening rise	-11862 Oct 27 j 05:20	22° Υ 46'03	
	-11863 Nov 24 j 03:46	0° Υ			-11862 Oct 31 j 00:26	0° Υ	
evening max el	-11863 Nov 29 j 11:01	6° Υ 23'56	19°17'23	asc. node	-11862 Nov 08 j 20:10	14° Υ 41'00	
retrograde	-11863 Dec 08 j 10:51	10° Υ 40'21		evening max el	-11862 Nov 12 j 12:05	18° Υ 57'50	18°34'17
evening set	-11863 Dec 10 j 23:14	10° Υ 21'46		retrograde	-11862 Nov 20 j 07:57	22° Υ 47'38	
inferior conj	-11863 Dec 19 j 03:15	6° Υ 09'10	4°06'21	evening set	-11862 Nov 22 j 19:25	22° Υ 25'57	
minimum elong	-11863 Dec 19 j 06:07	6° Υ 04'18	4°06'03	inferior conj	-11862 Nov 30 j 10:34	17° Υ 53'38	4°16'37
min. Earth dist.	-11863 Dec 21 j 23:02	4° Υ 15'05	0.57168 AU	minimum elong	-11862 Nov 30 j 09:46	17° Υ 55'11	4°16'46
morning rise	-11863 Dec 27 j 10:50	1° Υ 17'34		min. Earth dist.	-11862 Dec 03 j 15:33	15° Υ 24'38	0.58864 AU
direct	-11862 Jan 01 j 13:18	0° Υ 17'28		morning rise	-11862 Dec 07 j 22:15	12° Υ 39'56	
desc. node	-11862 Jan 08 j 19:26	2° Υ 18'04		direct	-11862 Dec 14 j 04:21	11° Υ 02'00	
morning max el	-11862 Jan 15 j 12:43	7° Υ 22'43	24°56'04	desc. node	-11862 Dec 26 j 16:04	16° Υ 53'46	
	-11862 Feb 01 j 01:47	0° Υ		morning max el	-11862 Dec 28 j 05:27	18° Υ 19'24	26°17'57
morning set	-11862 Feb 10 j 17:58	18° Υ 44'49			-11861 Jan 07 j 01:26	0° Υ	
	-11862 Feb 15 j 23:51	0° Υ			-11861 Jan 24 j 09:29	0° Υ	
				morning set	-11861 Jan 26 j 05:30	3° Υ 47'27	
superior conj	-11862 Feb 17 j 17:35	3° Υ 46'27	-0°01'09				
minimum elong	-11862 Feb 17 j 17:39	3° Υ 46'51	0°01'45	superior conj	-11861 Feb 02 j 04:59	18° Υ 49'35	-0°23'54
behind sun begin	-11862 Feb 17 j 12:37	3° Υ 19'29		minimum elong	-11861 Feb 02 j 05:57	18° Υ 54'52	0°24'11
behind sun end	-11862 Feb 17 j 22:42	4° Υ 14'11		max. Earth dist.	-11861 Feb 02 j 12:13	19° Υ 29'07	1.32826 AU
asc. node	-11862 Feb 17 j 20:28	4° Υ 02'04		asc. node	-11861 Feb 04 j 17:43	24° Υ 20'13	
max. Earth dist.	-11862 Feb 18 j 23:31	6° Υ 28'20	1.33157 AU		-11861 Feb 07 j 09:04	0° Υ	
evening rise	-11862 Feb 25 j 01:57	19° Υ 18'48		evening rise	-11861 Feb 09 j 08:04	4° Υ 06'23	
	-11862 Mar 02 j 12:57	0° Υ			-11861 Feb 23 j 09:00	0° Υ	
	-11862 Mar 21 j 11:34	0° Υ		evening max el	-11861 Mar 11 j 06:46	20° Υ 39'25	26°42'00
evening max el	-11862 Mar 29 j 03:31	8° Υ 39'47	27°20'02	desc. node	-11861 Mar 24 j 16:52	28° Υ 03'06	
desc. node	-11862 Apr 06 j 19:45	14° Υ 58'26		retrograde	-11861 Mar 25 j 09:39	28° Υ 04'22	
retrograde	-11862 Apr 12 j 02:59	16° Υ 12'35		evening set	-11861 Mar 31 j 15:15	26° Υ 22'44	
evening set	-11862 Apr 18 j 21:59	13° Υ 58'08		min. Earth dist.	-11861 Apr 04 j 20:12	23° Υ 32'18	0.59850 AU
min. Earth dist.	-11862 Apr 22 j 15:48	10° Υ 59'48	0.61827 AU	inferior conj	-11861 Apr 08 j 04:14	20° Υ 47'42	-3°00'18
inferior conj	-11862 Apr 25 j 17:43	8° Υ 05'22	-3°23'54	minimum elong	-11861 Apr 08 j 01:28	20° Υ 53'27	3°00'32
minimum elong	-11862 Apr 25 j 16:45	8° Υ 07'40	3°24'25	morning rise	-11861 Apr 15 j 14:17	16° Υ 06'26	
morning rise	-11862 May 02 j 13:12	3° Υ 04'25		direct	-11861 Apr 18 j 01:00	15° Υ 43'37	
direct	-11862 May 05 j 04:11	2° Υ 33'39		morning max el	-11861 Apr 25 j 09:05	19° Υ 18'03	18°16'51
morning max el	-11862 May 11 j 21:26	5° Υ 56'52	18°02'44		-11861 May 03 j 06:55	0° Υ	
asc. node	-11862 May 16 j 20:06	12° Υ 04'59		asc. node	-11861 May 03 j 16:57	0° Υ 42'00	
	-11862 May 27 j 09:42	0° Υ		morning set	-11861 May 11 j 11:17	14° Υ 46'38	
morning set	-11862 May 28 j 08:48	1° Υ 44'01			-11861 May 19 j 15:22	0° Υ	
superior conj	-11862 Jun 08 j 13:45	21° Υ 33'12	1°48'04	superior conj	-11861 May 21 j 07:58	3° Υ 04'19	1°47'28

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

minimum elong	-11861 May 21 j 06:31	2° H 57'47	1°47'06	superior conj	-11860 May 02 j 23:11	15° \approx 40'28	1°36'52
max. Earth dist.	-11861 May 28 j 16:56	16° H 00'47	1.40764 AU	minimum elong	-11860 May 02 j 20:20	15° \approx 27'00	1°36'09
evening rise	-11861 Jun 02 j 22:51	24° H 46'33		max. Earth dist.	-11860 May 09 j 17:36	28° \approx 07'54	1.38895 AU
	-11861 Jun 06 j 04:21	0° Y			-11860 May 10 j 18:51	0° H	
desc. node	-11861 Jun 20 j 14:16	21° Y 54'09		evening rise	-11860 May 13 j 21:00	5° H 22'57	
	-11861 Jun 26 j 09:16	0° B			-11860 May 29 j 06:15	0° Y	
evening max el	-11861 Jul 06 j 21:22	12° B 44'14	22°49'18	desc. node	-11860 Jun 06 j 11:44	11° Y 44'08	
retrograde	-11861 Jul 16 j 18:00	18° B 35'16		evening max el	-11860 Jun 18 j 08:10	26° Y 04'06	24°11'37
evening set	-11861 Jul 21 j 13:43	16° B 34'13			-11860 Jun 22 j 20:13	0° B	
inferior conj	-11861 Jul 26 j 18:57	10° B 20'31	-1°12'39	retrograde	-11860 Jun 29 j 08:37	2° B 35'29	
minimum elong	-11861 Jul 26 j 20:22	10° B 15'35	1°11'44	evening set	-11860 Jul 04 j 19:09	0° B 13'57	
min. Earth dist.	-11861 Jul 26 j 17:22	10° B 25'58	0.67241 AU		-11860 Jul 05 j 01:20	30° R Y	
asc. node	-11861 Jul 30 j 17:56	5° B 20'16		min. Earth dist.	-11860 Jul 09 j 12:07	24° Y 41'41	0.67108 AU
morning rise	-11861 Aug 01 j 02:56	4° B 03'46		inferior conj	-11860 Jul 10 j 00:52	23° Y 58'19	-1°55'24
direct	-11861 Aug 05 j 12:17	2° B 18'39		minimum elong	-11860 Jul 10 j 02:56	23° Y 51'19	1°54'30
morning max el	-11861 Aug 14 j 18:52	7° B 52'53	22°03'02	morning rise	-11860 Jul 15 j 10:40	17° Y 48'57	
	-11861 Aug 31 j 16:13	0° II		asc. node	-11860 Jul 16 j 14:45	17° Y 04'07	
morning set	-11861 Sep 16 j 00:18	23° II 27'24		direct	-11860 Jul 19 j 08:33	16° Y 21'28	
desc. node	-11861 Sep 16 j 11:42	24° II 12'59		morning max el	-11860 Jul 27 j 13:56	21° Y 14'01	20°46'33
	-11861 Sep 20 j 01:23	0° B			-11860 Aug 03 j 18:00	0° B	
max. Earth dist.	-11861 Sep 22 j 13:33	4° B 08'27	1.41573 AU		-11860 Aug 23 j 22:56	0° II	
				morning set	-11860 Aug 25 j 07:24	2° II 06'13	
superior conj	-11861 Sep 30 j 01:13	16° B 56'36	-1°14'55	desc. node	-11860 Sep 02 j 08:50	14° II 50'51	
minimum elong	-11861 Sep 29 j 21:16	16° B 39'19	1°13'52	max. Earth dist.	-11860 Sep 03 j 22:01	17° II 20'47	1.43159 AU
	-11861 Oct 07 j 07:33	0° B					
evening rise	-11861 Oct 10 j 14:06	6° B 01'40		superior conj	-11860 Sep 10 j 01:50	27° II 27'50	-0°45'15
	-11861 Oct 25 j 01:52	0° B		minimum elong	-11860 Sep 09 j 21:58	27° II 11'40	0°44'08
asc. node	-11861 Oct 26 j 17:25	1° B 48'59			-11860 Sep 11 j 14:10	0° B	
evening max el	-11861 Oct 26 j 20:18	1° B 56'13	18°11'21	evening rise	-11860 Sep 22 j 08:06	18° B 33'11	
retrograde	-11861 Nov 02 j 21:56	5° B 32'02			-11860 Sep 28 j 21:21	0° B	
evening set	-11861 Nov 05 j 09:57	5° B 05'42		evening max el	-11860 Oct 09 j 08:45	15° B 11'29	18°08'00
inferior conj	-11861 Nov 12 j 12:37	0° B 11'30	3°58'49	asc. node	-11860 Oct 12 j 14:36	17° B 45'42	
minimum elong	-11861 Nov 12 j 09:29	0° B 18'30	3°58'44	retrograde	-11860 Oct 16 j 01:11	18° B 43'58	
	-11861 Nov 12 j 17:44	30° R B		evening set	-11860 Oct 18 j 15:32	18° B 11'12	
min. Earth dist.	-11861 Nov 15 j 14:03	27° B 27'53	0.60718 AU	inferior conj	-11860 Oct 25 j 06:42	12° B 56'38	3°23'21
morning rise	-11861 Nov 19 j 07:40	24° B 38'41		minimum elong	-11860 Oct 25 j 02:52	13° B 06'21	3°22'58
direct	-11861 Nov 26 j 05:21	22° B 26'48		min. Earth dist.	-11860 Oct 27 j 21:46	10° B 17'04	0.62475 AU
morning max el	-11861 Dec 10 j 04:09	29° B 51'03	27°13'02	morning rise	-11860 Oct 31 j 13:13	7° B 07'11	
	-11861 Dec 10 j 07:52	0° B		direct	-11860 Nov 07 j 14:42	4° B 32'48	
desc. node	-11861 Dec 13 j 12:41	3° B 20'17		morning max el	-11860 Nov 21 j 09:13	12° B 03'01	27°34'21
	-11861 Dec 31 j 20:57	0° B		desc. node	-11860 Nov 29 j 09:21	21° B 07'20	
morning set	-11860 Jan 10 j 14:11	18° B 40'30			-11860 Dec 05 j 19:15	0° B	
	-11860 Jan 15 j 21:59	0° B			-11860 Dec 23 j 02:39	0° B	
max. Earth dist.	-11860 Jan 17 j 01:30	2° B 29'39	1.32824 AU	morning set	-11860 Dec 24 j 17:53	3° B 16'36	
				max. Earth dist.	-11860 Dec 30 j 11:38	15° B 17'03	1.33167 AU
superior conj	-11860 Jan 17 j 16:48	3° B 53'11	-0°45'07				
minimum elong	-11860 Jan 17 j 18:27	4° B 02'11	0°45'10	superior conj	-11859 Jan 01 j 03:25	18° B 51'25	-1°04'04
asc. node	-11860 Jan 22 j 15:00	14° B 34'53		minimum elong	-11859 Jan 01 j 05:27	19° B 02'26	1°03'58
evening rise	-11860 Jan 24 j 17:35	19° B 02'56			-11859 Jan 06 j 07:08	0° B	
	-11860 Jan 30 j 04:24	0° B		evening rise	-11859 Jan 08 j 04:44	4° B 01'55	
	-11860 Feb 19 j 03:47	0° B		asc. node	-11859 Jan 08 j 12:19	4° B 41'40	
evening max el	-11860 Feb 21 j 04:26	2° B 02'20	25°34'38		-11859 Jan 22 j 09:10	0° B	
retrograde	-11860 Mar 06 j 05:58	9° B 13'03		evening max el	-11859 Feb 01 j 22:02	12° B 59'28	24°07'22
desc. node	-11860 Mar 10 j 13:53	8° B 28'14		retrograde	-11859 Feb 15 j 14:26	19° B 46'01	
evening set	-11860 Mar 11 j 13:32	8° B 05'56		evening set	-11859 Feb 19 j 20:00	19° B 06'08	
min. Earth dist.	-11860 Mar 16 j 17:49	5° B 09'46	0.57944 AU	desc. node	-11859 Feb 25 j 10:49	16° B 28'47	
inferior conj	-11860 Mar 19 j 20:35	2° B 56'56	-2°09'42	min. Earth dist.	-11859 Feb 26 j 11:13	15° B 52'05	0.56415 AU
minimum elong	-11860 Mar 19 j 16:59	3° B 03'23	2°09'30	inferior conj	-11859 Feb 28 j 17:09	14° B 27'57	-0°49'12
	-11860 Mar 24 j 09:45	30° R B		minimum elong	-11859 Feb 28 j 15:14	14° B 30'57	0°49'15
morning rise	-11860 Mar 27 j 23:37	28° B 34'53		morning rise	-11859 Mar 09 j 13:21	10° B 20'52	
direct	-11860 Mar 30 j 06:15	28° B 18'24		direct	-11859 Mar 11 j 17:22	10° B 08'19	
	-11860 Apr 04 j 17:30	0° B		morning max el	-11859 Mar 21 j 14:04	14° B 47'50	19°43'54
morning max el	-11860 Apr 07 j 15:36	2° B 18'02	18°50'29		-11859 Apr 01 j 10:43	0° B	
asc. node	-11860 Apr 19 j 13:51	19° B 52'16		asc. node	-11859 Apr 06 j 10:51	9° B 27'56	
morning set	-11860 Apr 24 j 02:33	28° B 30'55		morning set	-11859 Apr 08 j 02:56	12° B 47'20	
	-11860 Apr 24 j 20:50	0° \approx					
				superior conj	-11859 Apr 16 j 06:05	29° B 07'22	1°19'48

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

minimum elong	-11859 Apr 16 j 03:05	28° Z 52'30	1°18'49	asc. node	-11858 Mar 24 j 07:53	29° Z 21'40	
	-11859 Apr 16 j 16:45	0° \approx			-11858 Mar 24 j 15:19	0° Z	
max. Earth dist.	-11859 Apr 21 j 19:35	9° \approx 51'32	1.37098 AU				
evening rise	-11859 Apr 25 j 20:40	17° \approx 18'01		superior conj	-11858 Mar 31 j 00:12	13° Z 11'18	0°58'52
	-11859 May 03 j 04:50	0° X		minimum elong	-11858 Mar 30 j 21:45	12° Z 58'48	0°57'49
	-11859 May 23 j 12:32	0° Y		max. Earth dist.	-11858 Apr 04 j 04:44	21° Z 37'44	1.35554 AU
desc. node	-11859 May 24 j 09:10	1° Y 05'01		evening rise	-11858 Apr 08 j 16:09	0° \approx 15'43	
evening max el	-11859 May 31 j 17:41	9° Y 25'24	25°28'52		-11858 Apr 08 j 12:49	0° \approx	
retrograde	-11859 Jun 12 j 19:15	16° Y 29'33			-11858 Apr 26 j 07:17	0° X	
evening set	-11859 Jun 18 j 20:06	13° Y 51'35		desc. node	-11858 May 11 j 06:35	19° X 44'55	
min. Earth dist.	-11859 Jun 23 j 03:42	8° Y 57'55	0.66629 AU	evening max el	-11858 May 14 j 03:56	22° X 46'27	26°32'29
inferior conj	-11859 Jun 24 j 04:43	7° Y 36'06	-2°32'13		-11858 May 25 j 05:50	0° Y	
minimum elong	-11859 Jun 24 j 07:03	7° Y 28'28	2°31'34	retrograde	-11858 May 27 j 01:21	0° Y 11'18	
morning rise	-11859 Jun 29 j 18:02	1° Y 37'08			-11858 May 28 j 19:22	30° R X	
direct	-11859 Jul 03 j 06:18	0° Y 25'31		evening set	-11858 Jun 02 j 14:17	27° X 24'47	
asc. node	-11859 Jul 03 j 11:35	0° Y 25'47		min. Earth dist.	-11858 Jun 06 j 13:57	23° X 10'12	0.65770 AU
morning max el	-11859 Jul 10 j 15:37	4° Y 42'16	19°41'41	inferior conj	-11858 Jun 08 j 04:30	21° X 11'36	-3°01'31
	-11859 Jul 28 j 15:31	0° Z		minimum elong	-11858 Jun 08 j 06:39	21° X 04'59	3°01'15
morning set	-11859 Aug 04 j 11:40	10° Z 39'07		morning rise	-11858 Jun 13 j 23:14	15° X 25'48	
	-11859 Aug 16 j 18:50	0° II		direct	-11858 Jun 17 j 03:48	14° X 27'53	
max. Earth dist.	-11859 Aug 17 j 11:37	1° II 06'44	1.44203 AU	asc. node	-11858 Jun 20 j 08:24	15° X 22'39	
desc. node	-11859 Aug 20 j 06:01	5° II 31'41		morning max el	-11858 Jun 23 j 23:12	18° X 16'57	18°51'41
					-11858 Jul 02 j 18:36	0° Y	
superior conj	-11859 Aug 20 j 22:51	6° II 39'09	-0°04'13	morning set	-11858 Jul 15 j 07:54	19° Y 56'57	
minimum elong	-11859 Aug 20 j 22:27	6° II 37'31	0°03'34		-11858 Jul 21 j 14:33	0° Z	
behind sun begin	-11859 Aug 20 j 11:41	5° II 54'22					
behind sun end	-11859 Aug 21 j 09:12	7° II 20'43		superior conj	-11858 Jul 31 j 01:01	14° Z 58'27	0°41'12
evening rise	-11859 Sep 04 j 06:00	0° III 07'11		minimum elong	-11858 Jul 31 j 05:49	15° Z 17'28	0°41'07
	-11859 Sep 04 j 04:17	0° III		max. Earth dist.	-11858 Jul 31 j 03:47	15° Z 09'26	1.44585 AU
evening max el	-11859 Sep 22 j 22:25	28° III 36'23	18°23'10	desc. node	-11858 Aug 07 j 03:18	26° Z 12'38	
	-11859 Sep 24 j 10:21	0° Ω			-11858 Aug 09 j 12:33	0° II	
asc. node	-11859 Sep 29 j 11:46	2° Ω 14'32		evening rise	-11858 Aug 16 j 02:20	10° II 30'05	
retrograde	-11859 Sep 29 j 13:26	2° Ω 14'33			-11858 Aug 28 j 09:14	0° III	
evening set	-11859 Oct 02 j 08:17	1° Ω 32'50		evening max el	-11858 Sep 06 j 10:29	12° III 06'10	18°55'45
	-11859 Oct 04 j 15:29	30° R III		retrograde	-11858 Sep 13 j 07:02	15° III 58'17	
inferior conj	-11859 Oct 08 j 13:19	26° III 00'52	2°37'47	evening set	-11858 Sep 16 j 08:49	15° III 04'27	
minimum elong	-11859 Oct 08 j 09:54	26° III 10'30	2°37'22	asc. node	-11858 Sep 16 j 08:53	15° III 04'21	
min. Earth dist.	-11859 Oct 10 j 15:44	23° III 38'57	0.64005 AU	inferior conj	-11858 Sep 22 j 05:19	9° III 18'14	1°47'12
morning rise	-11859 Oct 14 j 10:47	19° III 57'53		minimum elong	-11858 Sep 22 j 02:53	9° III 25'42	1°47'01
direct	-11859 Oct 21 j 07:24	17° III 14'09		min. Earth dist.	-11858 Sep 23 j 19:07	7° III 22'32	0.65253 AU
morning max el	-11859 Nov 03 j 18:14	24° III 46'58	27°21'23	morning rise	-11858 Sep 27 j 20:26	3° III 05'26	
	-11859 Nov 08 j 14:32	0° Ω		direct	-11858 Oct 04 j 06:43	0° III 24'12	
desc. node	-11859 Nov 16 j 06:02	9° Ω 50'53		morning max el	-11858 Oct 17 j 04:29	7° III 50'57	26°38'34
	-11859 Nov 29 j 03:24	0° IV		desc. node	-11858 Nov 03 j 02:45	29° III 14'33	
morning set	-11859 Dec 08 j 13:50	17° IV 25'23			-11858 Nov 03 j 15:00	0° Ω	
max. Earth dist.	-11859 Dec 13 j 14:38	27° IV 37'32	1.33895 AU		-11858 Nov 21 j 10:44	0° IV	
	-11859 Dec 14 j 17:53	0° V		morning set	-11858 Nov 21 j 22:34	0° IV 55'50	
				max. Earth dist.	-11858 Nov 26 j 07:27	9° IV 25'29	1.35050 AU
superior conj	-11859 Dec 16 j 10:54	3° V 36'39	-1°19'56				
minimum elong	-11859 Dec 16 j 12:56	3° V 47'27	1°19'45	superior conj	-11858 Nov 30 j 13:07	18° IV 01'44	-1°31'40
evening rise	-11859 Dec 23 j 15:45	18° V 56'02		minimum elong	-11858 Nov 30 j 14:40	18° IV 09'41	1°31'25
asc. node	-11859 Dec 26 j 09:39	24° V 34'41			-11858 Dec 06 j 06:43	0° V	
	-11859 Dec 29 j 04:02	0° VI		evening rise	-11858 Dec 08 j 01:00	3° V 39'43	
evening max el	-11858 Jan 14 j 16:08	23° VI 51'59	22°33'20	asc. node	-11858 Dec 13 j 07:00	14° V 07'53	
retrograde	-11858 Jan 27 j 11:15	0° Z 00'29			-11858 Dec 23 j 03:11	0° VI	
	-11858 Jan 27 j 00:06	0° Z		evening max el	-11858 Dec 27 j 16:18	5° VI 03'04	21°05'05
	-11858 Jan 27 j 22:26	30° R VI		retrograde	-11857 Jan 08 j 01:36	10° VI 24'10	
evening set	-11858 Jan 30 j 18:41	29° VI 36'27		evening set	-11857 Jan 10 j 20:32	10° VI 06'06	
min. Earth dist.	-11858 Feb 08 j 02:33	25° VI 51'43	0.55559 AU	inferior conj	-11857 Jan 19 j 18:31	6° VI 07'08	2°32'43
inferior conj	-11858 Feb 08 j 21:09	25° VI 24'54	0°52'55	minimum elong	-11857 Jan 20 j 00:03	5° VI 59'07	2°30'51
minimum elong	-11858 Feb 08 j 23:23	25° VI 21'41	0°51'39	min. Earth dist.	-11857 Jan 20 j 16:38	5° VI 35'12	0.55558 AU
desc. node	-11858 Feb 12 j 07:42	23° VI 30'29		morning rise	-11857 Jan 29 j 02:33	1° VI 51'54	
morning rise	-11858 Feb 18 j 05:14	21° VI 21'25		desc. node	-11857 Jan 30 j 04:32	1° VI 39'53	
direct	-11858 Feb 20 j 13:10	21° VI 08'41		direct	-11857 Feb 01 j 04:15	1° VI 31'02	
morning max el	-11858 Mar 04 j 01:59	26° VI 38'47	20°56'28	morning max el	-11857 Feb 14 j 02:36	7° VI 49'49	22°25'01
	-11858 Mar 07 j 05:13	0° Z			-11857 Mar 01 j 14:27	0° Z	
morning set	-11858 Mar 23 j 09:31	27° Z 26'40		morning set	-11857 Mar 07 j 19:55	12° Z 21'23	



































































































































Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

morning rise	-11856 Dec 18 j 17:38	23° \mathbb{M} 23'22		minimum elong	-11855 Nov 22 j 08:17	10° \mathbb{M} 28'36	4°11'59
direct	-11856 Dec 24 j 08:59	22° \mathbb{M} 07'47		min. Earth dist.	-11855 Nov 25 j 14:52	7° \mathbb{M} 46'40	0.59641 AU
desc. node	-11855 Jan 02 j 21:54	25° \mathbb{M} 34'53		morning rise	-11855 Nov 29 j 14:20	5° \mathbb{M} 01'56	
morning max el	-11855 Jan 07 j 09:53	29° \mathbb{M} 18'33	25°33'39	direct	-11855 Dec 06 j 04:21	3° \mathbb{M} 08'44	
	-11855 Jan 08 j 02:54	0° \mathbb{L}		morning max el	-11855 Dec 20 j 05:14	10° \mathbb{M} 29'49	26°45'21
	-11855 Jan 28 j 14:39	0° \mathbb{M}		desc. node	-11855 Dec 20 j 18:32	11° \mathbb{M} 02'09	
morning set	-11855 Feb 03 j 20:33	12° \mathbb{M} 30'19			-11854 Jan 04 j 08:56	0° \mathbb{L}	
				morning set	-11854 Jan 19 j 07:08	27° \mathbb{L} 29'58	
					-11854 Jan 20 j 11:43	0° \mathbb{M}	
superior conj	-11855 Feb 10 j 19:42	27° \mathbb{M} 30'52	-0°10'56	superior conj	-11854 Jan 26 j 07:30	12° \mathbb{M} 34'55	-0°33'07
minimum elong	-11855 Feb 10 j 20:11	27° \mathbb{M} 33'26	0°11'24	minimum elong	-11854 Jan 26 j 08:47	12° \mathbb{M} 41'57	0°33'19
behind sun begin	-11855 Feb 10 j 16:41	27° \mathbb{M} 14'24		max. Earth dist.	-11854 Jan 26 j 05:25	12° \mathbb{M} 23'35	1.32779 AU
behind sun end	-11855 Feb 10 j 23:40	27° \mathbb{M} 52'28		asc. node	-11854 Jan 29 j 20:32	20° \mathbb{M} 17'44	
max. Earth dist.	-11855 Feb 11 j 16:02	29° \mathbb{M} 21'25	1.32975 AU	evening rise	-11854 Feb 02 j 09:15	27° \mathbb{M} 47'48	
asc. node	-11855 Feb 11 j 23:17	0° \mathbb{X} 00'43			-11854 Feb 03 j 10:48	0° \mathbb{X}	
	-11855 Feb 11 j 23:09	0° \mathbb{X}			-11854 Feb 20 j 13:54	0° \mathbb{Z}	
evening rise	-11855 Feb 18 j 01:28	12° \mathbb{X} 55'50		evening max el	-11854 Mar 03 j 07:20	12° \mathbb{Z} 54'23	26°16'26
	-11855 Feb 26 j 22:53	0° \mathbb{Z}		retrograde	-11854 Mar 17 j 10:24	20° \mathbb{Z} 15'03	
	-11855 Mar 20 j 01:44	0° \mathbb{M}		desc. node	-11854 Mar 18 j 19:31	20° \mathbb{Z} 10'14	
evening max el	-11855 Mar 21 j 06:44	1° \mathbb{M} 12'00	27°07'44	evening set	-11854 Mar 23 j 07:37	18° \mathbb{Z} 48'06	
desc. node	-11855 Mar 31 j 22:26	8° \mathbb{M} 11'32		min. Earth dist.	-11854 Mar 27 j 20:40	15° \mathbb{Z} 56'57	0.59013 AU
retrograde	-11855 Apr 04 j 07:40	8° \mathbb{M} 41'38		inferior conj	-11854 Mar 31 j 04:22	13° \mathbb{Z} 22'56	-2°42'29
evening set	-11855 Apr 10 j 22:26	6° \mathbb{M} 40'05		minimum elong	-11854 Mar 31 j 01:02	13° \mathbb{Z} 29'26	2°42'31
min. Earth dist.	-11855 Apr 14 j 19:33	3° \mathbb{M} 47'14	0.61004 AU	morning rise	-11854 Apr 07 j 21:28	8° \mathbb{Z} 50'28	
inferior conj	-11855 Apr 18 j 01:15	0° \mathbb{M} 54'14	-3°16'50	direct	-11854 Apr 10 j 06:20	8° \mathbb{Z} 30'40	
minimum elong	-11855 Apr 17 j 23:30	0° \mathbb{M} 58'12	3°17'16	morning max el	-11854 Apr 17 j 23:55	12° \mathbb{Z} 13'50	18°28'47
	-11855 Apr 19 j 01:44	30° \mathbb{K} \mathbb{Z}		asc. node	-11854 Apr 27 j 19:39	26° \mathbb{Z} 08'05	
morning rise	-11855 Apr 25 j 02:36	26° \mathbb{Z} 01'42			-11854 Apr 29 j 23:06	0° \mathbb{M}	
direct	-11855 Apr 27 j 15:54	25° \mathbb{Z} 34'23		morning set	-11854 May 04 j 03:40	7° \mathbb{M} 53'20	
morning max el	-11855 May 04 j 14:02	29° \mathbb{Z} 00'18	18°06'24				
	-11855 May 05 j 13:20	0° \mathbb{M}		superior conj	-11854 May 13 j 13:14	25° \mathbb{M} 39'45	1°43'59
asc. node	-11855 May 10 j 22:47	7° \mathbb{M} 16'00		minimum elong	-11854 May 13 j 11:01	25° \mathbb{M} 29'30	1°43'27
morning set	-11855 May 20 j 19:17	24° \mathbb{M} 32'06			-11854 May 15 j 22:15	0° \mathbb{K}	
	-11855 May 23 j 18:49	0° \mathbb{K}		max. Earth dist.	-11854 May 20 j 18:29	8° \mathbb{K} 35'03	1.39972 AU
superior conj	-11855 May 31 j 09:22	13° \mathbb{K} 38'54	1°49'17	evening rise	-11854 May 25 j 09:26	16° \mathbb{K} 27'13	
minimum elong	-11855 May 31 j 09:27	13° \mathbb{K} 39'15	1°49'05		-11854 Jun 02 j 18:54	0° \mathbb{Y}	
max. Earth dist.	-11855 Jun 07 j 16:41	26° \mathbb{K} 08'07	1.41783 AU	desc. node	-11854 Jun 14 j 17:04	17° \mathbb{Y} 43'14	
	-11855 Jun 10 j 00:45	0° \mathbb{Y}			-11854 Jun 24 j 00:09	0° \mathbb{B}	
evening rise	-11855 Jun 14 j 03:19	6° \mathbb{Y} 39'10		evening max el	-11854 Jun 29 j 03:10	5° \mathbb{B} 44'11	23°24'23
desc. node	-11855 Jun 27 j 19:35	27° \mathbb{Y} 40'25		retrograde	-11854 Jul 09 j 11:59	11° \mathbb{B} 53'41	
	-11855 Jun 29 j 09:38	0° \mathbb{B}		evening set	-11854 Jul 14 j 13:54	9° \mathbb{B} 43'38	
evening max el	-11855 Jul 16 j 14:27	22° \mathbb{B} 24'50	22°02'45	inferior conj	-11854 Jul 19 j 19:02	3° \mathbb{B} 28'33	-1°31'28
retrograde	-11855 Jul 25 j 19:13	27° \mathbb{B} 51'48		minimum elong	-11854 Jul 19 j 20:46	3° \mathbb{B} 22'35	1°30'31
evening set	-11855 Jul 30 j 06:46	26° \mathbb{B} 02'51		min. Earth dist.	-11854 Jul 19 j 12:47	3° \mathbb{B} 50'06	0.67219 AU
inferior conj	-11855 Aug 04 j 12:42	19° \mathbb{B} 51'01	-0°45'57		-11854 Jul 22 j 10:13	30° \mathbb{K} \mathbb{Y}	
minimum elong	-11855 Aug 04 j 13:38	19° \mathbb{B} 47'45	0°45'06	asc. node	-11854 Jul 24 j 20:37	27° \mathbb{Y} 28'32	
min. Earth dist.	-11855 Aug 04 j 17:08	19° \mathbb{B} 35'42	0.67175 AU	morning rise	-11854 Jul 25 j 03:35	27° \mathbb{Y} 14'23	
asc. node	-11855 Aug 06 j 23:45	16° \mathbb{B} 33'20		direct	-11854 Jul 29 j 07:44	25° \mathbb{Y} 37'05	
morning rise	-11855 Aug 09 j 20:25	13° \mathbb{B} 31'43			-11854 Aug 06 j 05:49	0° \mathbb{B}	
direct	-11855 Aug 14 j 13:01	11° \mathbb{B} 36'21		morning max el	-11854 Aug 07 j 03:20	0° \mathbb{B} 53'45	21°29'18
morning max el	-11855 Aug 24 j 11:39	17° \mathbb{B} 35'24	22°50'27		-11854 Aug 28 j 12:56	0° \mathbb{I}	
	-11855 Sep 03 j 16:11	0° \mathbb{I}		morning set	-11854 Sep 06 j 23:22	14° \mathbb{I} 32'58	
desc. node	-11855 Sep 23 j 17:18	29° \mathbb{I} 44'12		desc. node	-11854 Sep 10 j 14:20	20° \mathbb{I} 18'40	
	-11855 Sep 23 j 21:15	0° \mathbb{B}		max. Earth dist.	-11854 Sep 14 j 17:21	27° \mathbb{I} 00'31	1.42297 AU
morning set	-11855 Sep 27 j 06:09	5° \mathbb{B} 26'39			-11854 Sep 16 j 12:50	0° \mathbb{B}	
max. Earth dist.	-11855 Oct 02 j 13:11	14° \mathbb{B} 16'39	1.40491 AU				
superior conj	-11855 Oct 10 j 03:48	27° \mathbb{B} 39'00	-1°26'12	superior conj	-11854 Sep 21 j 19:36	8° \mathbb{B} 55'04	-1°03'53
minimum elong	-11855 Oct 10 j 00:44	27° \mathbb{B} 25'05	1°25'22	minimum elong	-11854 Sep 21 j 15:22	8° \mathbb{B} 36'51	1°02'46
	-11855 Oct 11 j 10:48	0° \mathbb{Q}		evening rise	-11854 Oct 03 j 00:53	28° \mathbb{B} 47'59	
evening rise	-11855 Oct 19 j 21:48	15° \mathbb{Q} 49'52			-11854 Oct 03 j 16:48	0° \mathbb{Q}	
	-11855 Oct 27 j 15:19	0° \mathbb{M}		evening max el	-11854 Oct 19 j 12:27	24° \mathbb{Q} 53'02	18°07'38
asc. node	-11855 Nov 02 j 22:57	9° \mathbb{M} 26'00		asc. node	-11854 Oct 20 j 20:12	26° \mathbb{Q} 05'41	
evening max el	-11855 Nov 05 j 02:03	11° \mathbb{M} 46'39	18°22'04	retrograde	-11854 Oct 26 j 09:17	28° \mathbb{Q} 26'19	
retrograde	-11855 Nov 12 j 13:12	15° \mathbb{M} 29'33		evening set	-11854 Oct 28 j 21:56	27° \mathbb{Q} 57'39	
evening set	-11855 Nov 15 j 00:34	15° \mathbb{M} 06'12		inferior conj	-11854 Nov 04 j 19:36	22° \mathbb{Q} 54'48	3°45'23
inferior conj	-11855 Nov 22 j 10:17	10° \mathbb{M} 24'27	4°11'53	minimum elong	-11854 Nov 04 j 16:00	23° \mathbb{Q} 03'19	3°45'11

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

min. Earth dist.	-11854 Nov 07 j 17:18	20° Ω 10'31	0.61485 AU	min. Earth dist.	-11853 Oct 21 j 05:17	3° Ω 14'52	0.63170 AU
morning rise	-11854 Nov 11 j 08:49	17° Ω 14'24		morning rise	-11853 Oct 24 j 21:44	29° Θ 52'57	
direct	-11854 Nov 18 j 09:25	14° Ω 50'57			-11853 Oct 24 j 18:03	30° \mathbb{R} Θ	
morning max el	-11854 Dec 02 j 06:49	22° Ω 18'48	27°26'18	direct	-11853 Oct 31 j 22:13	27° Θ 12'44	
desc. node	-11854 Dec 07 j 15:10	28° Ω 05'59			-11853 Nov 08 j 19:28	0° Ω	
	-11854 Dec 09 j 04:30	0° \mathbb{M}		morning max el	-11853 Nov 14 j 13:37	4° Ω 44'23	27°32'41
	-11854 Dec 28 j 07:55	0° $\underline{\Omega}$		desc. node	-11853 Nov 24 j 11:49	16° Ω 19'01	
morning set	-11853 Jan 03 j 13:57	12° $\underline{\Omega}$ 16'23			-11853 Dec 03 j 19:13	0° \mathbb{M}	
max. Earth dist.	-11853 Jan 09 j 17:33	25° $\underline{\Omega}$ 18'28	1.32920 AU	morning set	-11853 Dec 18 j 14:41	26° \mathbb{M} 41'21	
					-11853 Dec 20 j 05:56	0° $\underline{\Omega}$	
superior conj	-11853 Jan 10 j 19:01	27° $\underline{\Omega}$ 36'45	-0°53'28	max. Earth dist.	-11853 Dec 24 j 00:56	7° $\underline{\Omega}$ 54'24	1.33429 AU
minimum elong	-11853 Jan 10 j 20:52	27° $\underline{\Omega}$ 46'50	0°53'28				
	-11853 Jan 11 j 21:20	0° \mathbb{M}		superior conj	-11853 Dec 26 j 04:32	12° $\underline{\Omega}$ 29'56	-1°11'15
asc. node	-11853 Jan 16 j 17:50	10° \mathbb{M} 29'16		minimum elong	-11853 Dec 26 j 06:37	12° $\underline{\Omega}$ 41'09	1°11'06
evening rise	-11853 Jan 17 j 19:39	12° \mathbb{M} 45'35		evening rise	-11852 Jan 02 j 06:56	27° $\underline{\Omega}$ 42'49	
	-11853 Jan 26 j 15:54	0° \mathbb{X}			-11852 Jan 03 j 09:16	0° \mathbb{M}	
evening max el	-11853 Feb 13 j 02:52	24° \mathbb{X} 03'56	24°59'18	asc. node	-11852 Jan 03 j 15:10	0° \mathbb{M} 30'30	
	-11853 Feb 21 j 17:23	0° Θ			-11852 Jan 21 j 06:21	0° \mathbb{X}	
retrograde	-11853 Feb 27 j 02:16	1° Θ 06'25		evening max el	-11852 Jan 25 j 20:13	4° \mathbb{X} 56'18	23°27'26
evening set	-11853 Mar 03 j 22:29	0° Θ 12'24		retrograde	-11852 Feb 08 j 05:07	11° \mathbb{X} 27'32	
	-11853 Mar 04 j 11:26	30° \mathbb{R} \mathbb{X}		evening set	-11852 Feb 12 j 00:15	10° \mathbb{X} 55'58	
desc. node	-11853 Mar 05 j 16:31	29° \mathbb{X} 28'00		min. Earth dist.	-11852 Feb 19 j 08:55	7° \mathbb{X} 30'43	0.55952 AU
min. Earth dist.	-11853 Mar 09 j 16:31	27° \mathbb{X} 09'43	0.57220 AU	desc. node	-11852 Feb 20 j 13:27	6° \mathbb{X} 48'06	
inferior conj	-11853 Mar 12 j 12:17	25° \mathbb{X} 16'00	-1°39'05	inferior conj	-11852 Feb 21 j 01:00	6° \mathbb{X} 30'47	-0°07'22
minimum elong	-11853 Mar 12 j 09:02	25° \mathbb{X} 21'29	1°38'52	minimum elong	-11852 Feb 21 j 00:41	6° \mathbb{X} 31'16	0°07'54
morning rise	-11853 Mar 20 j 22:49	21° \mathbb{X} 01'03		transit middle	-11852 Feb 21 j 00:41	6° \mathbb{X} 31'16	0°07'54
direct	-11853 Mar 23 j 03:45	20° \mathbb{X} 46'43		transit begin	-11852 Feb 20 j 21:11	6° \mathbb{X} 36'30	
morning max el	-11853 Apr 01 j 03:24	25° \mathbb{X} 02'10	19°10'49	transit end	-11852 Feb 21 j 04:10	6° \mathbb{X} 26'03	
	-11853 Apr 05 j 10:32	0° Θ		morning rise	-11852 Mar 01 j 03:15	2° \mathbb{X} 26'36	
asc. node	-11853 Apr 14 j 16:35	15° Θ 29'54		direct	-11852 Mar 03 j 07:51	2° \mathbb{X} 14'32	
morning set	-11853 Apr 17 j 23:14	21° Θ 52'19		morning max el	-11852 Mar 13 j 21:29	7° \mathbb{X} 15'10	20°12'34
	-11853 Apr 22 j 01:42	0° \approx			-11852 Mar 28 j 22:22	0° Θ	
superior conj	-11853 Apr 26 j 11:45	8° \approx 39'12	1°30'15	asc. node	-11852 Mar 31 j 13:35	5° Θ 13'31	
minimum elong	-11853 Apr 26 j 08:44	8° \approx 24'34	1°29'24	morning set	-11852 Apr 01 j 02:34	6° Θ 19'08	
max. Earth dist.	-11853 May 02 j 18:35	20° \approx 27'47	1.38106 AU	superior conj	-11852 Apr 08 j 23:51	22° Θ 22'32	1°11'16
evening rise	-11853 May 06 j 19:06	27° \approx 39'13		minimum elong	-11852 Apr 08 j 21:01	22° Θ 08'19	1°10'14
	-11853 May 08 j 03:28	0° \mathbb{X}			-11852 Apr 12 j 20:22	0° \approx	
	-11853 May 27 j 05:19	0° \mathbb{Y}		max. Earth dist.	-11852 Apr 13 j 23:18	2° \approx 10'09	1.36403 AU
desc. node	-11853 Jun 01 j 14:33	7° \mathbb{Y} 22'27		evening rise	-11852 Apr 18 j 03:54	10° \approx 02'41	
evening max el	-11853 Jun 11 j 13:11	19° \mathbb{Y} 05'18	24°45'39		-11852 Apr 29 j 18:52	0° \mathbb{X}	
retrograde	-11853 Jun 23 j 01:05	25° \mathbb{Y} 52'07		desc. node	-11852 May 18 j 12:02	26° \mathbb{X} 27'36	
evening set	-11853 Jun 28 j 17:43	23° \mathbb{Y} 23'12			-11852 May 21 j 14:23	0° \mathbb{Y}	
min. Earth dist.	-11853 Jul 03 j 06:37	18° \mathbb{Y} 06'50	0.66946 AU	evening max el	-11852 May 23 j 23:06	2° \mathbb{Y} 27'42	25°58'11
inferior conj	-11853 Jul 04 j 00:21	17° \mathbb{Y} 07'18	-2°11'51	retrograde	-11852 Jun 05 j 09:42	9° \mathbb{Y} 41'24	
minimum elong	-11853 Jul 04 j 02:35	16° \mathbb{Y} 59'50	2°11'01	evening set	-11852 Jun 11 j 16:04	6° \mathbb{Y} 58'54	
morning rise	-11853 Jul 09 j 11:24	11° \mathbb{Y} 01'41		min. Earth dist.	-11852 Jun 15 j 20:12	2° \mathbb{Y} 21'52	0.66314 AU
asc. node	-11853 Jul 11 j 17:26	9° \mathbb{Y} 53'34		inferior conj	-11852 Jun 17 j 02:44	0° \mathbb{Y} 44'20	-2°45'40
direct	-11853 Jul 13 j 04:58	9° \mathbb{Y} 41'05		minimum elong	-11852 Jun 17 j 05:03	0° \mathbb{Y} 36'56	2°45'10
morning max el	-11853 Jul 21 j 01:07	14° \mathbb{Y} 17'45	20°17'14		-11852 Jun 17 j 16:40	30° \mathbb{R} \mathbb{X}	
	-11853 Aug 01 j 23:41	0° \mathbb{X}		morning rise	-11852 Jun 22 j 18:05	24° \mathbb{X} 50'32	
morning set	-11853 Aug 17 j 02:41	23° \mathbb{X} 02'01		direct	-11852 Jun 26 j 02:58	23° \mathbb{X} 44'47	
	-11853 Aug 21 j 13:39	0° \mathbb{I}		asc. node	-11852 Jun 27 j 14:14	23° \mathbb{X} 56'46	
max. Earth dist.	-11853 Aug 28 j 03:53	10° \mathbb{I} 27'43	1.43683 AU	morning max el	-11852 Jul 03 j 05:23	27° \mathbb{X} 48'23	19°18'28
desc. node	-11853 Aug 28 j 11:29	10° \mathbb{I} 58'15			-11852 Jul 05 j 04:42	0° \mathbb{Y}	
					-11852 Jul 25 j 08:15	0° \mathbb{X}	
superior conj	-11853 Sep 02 j 08:23	18° \mathbb{I} 51'57	-0°28'59	morning set	-11852 Jul 26 j 11:58	1° \mathbb{X} 49'18	
minimum elong	-11853 Sep 02 j 05:32	18° \mathbb{I} 40'17	0°27'59	max. Earth dist.	-11852 Aug 09 j 19:20	24° \mathbb{X} 24'21	1.44460 AU
	-11853 Sep 09 j 01:12	0° Θ					
evening rise	-11853 Sep 15 j 11:01	10° Θ 56'23		superior conj	-11852 Aug 11 j 19:31	27° \mathbb{X} 35'33	0°15'11
	-11853 Sep 26 j 19:38	0° Ω		minimum elong	-11852 Aug 11 j 21:24	27° \mathbb{X} 43'02	0°15'31
evening max el	-11853 Oct 03 j 01:50	8° Ω 13'18	18°12'16	behind sun begin	-11852 Aug 11 j 17:47	27° \mathbb{X} 28'41	
asc. node	-11853 Oct 07 j 17:25	11° Ω 26'50		behind sun end	-11852 Aug 12 j 01:00	27° \mathbb{X} 57'24	
retrograde	-11853 Oct 09 j 16:39	11° Ω 46'45			-11852 Aug 13 j 07:48	0° \mathbb{I}	
evening set	-11853 Oct 12 j 08:43	11° Ω 10'28		desc. node	-11852 Aug 14 j 08:45	1° \mathbb{I} 39'29	
inferior conj	-11853 Oct 18 j 19:25	5° Ω 48'20	3°04'50	evening rise	-11852 Aug 26 j 22:36	22° \mathbb{I} 01'34	
minimum elong	-11853 Oct 18 j 15:39	5° Ω 58'18	3°04'25		-11852 Aug 31 j 19:05	0° Θ	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening max el	-11852 Sep 15 j 15:12	21°  41'04	18°34'56	evening set	-11851 Sep 09 j 08:07	8°  11'44	
retrograde	-11852 Sep 22 j 07:33	25°  23'48		asc. node	-11851 Sep 10 j 11:37	7°  22'10	
asc. node	-11852 Sep 23 j 14:32	25°  14'31		inferior conj	-11851 Sep 15 j 01:29	2°  20'02	1°25'06
evening set	-11852 Sep 25 j 05:11	24°  37'09		minimum elong	-11851 Sep 14 j 23:32	2°  26'10	1°25'03
inferior conj	-11852 Oct 01 j 06:22	18°  58'35	2°16'42	min. Earth dist.	-11851 Sep 16 j 10:02	0°  37'24	0.65688 AU
minimum elong	-11852 Oct 01 j 03:19	19°  07'30	2°16'21		-11851 Sep 16 j 22:07	30°  R II	
min. Earth dist.	-11852 Oct 03 j 03:15	16°  47'22	0.64579 AU	morning rise	-11851 Sep 20 j 14:35	26°  II 04'09	
morning rise	-11852 Oct 07 j 00:52	12°  51'13		direct	-11851 Sep 26 j 19:14	23°  II 27'10	
direct	-11852 Oct 13 j 17:39	10°  07'31			-11851 Oct 08 j 14:14	0° 	
morning max el	-11852 Oct 26 j 23:24	17°  38'06	27°06'27	morning max el	-11851 Oct 09 j 09:48	0°  47'42	26°13'11
	-11852 Nov 06 j 11:54	0° 		desc. node	-11851 Oct 28 j 05:13	24°  58'01	
desc. node	-11852 Nov 10 j 08:31	5°  12'21			-11851 Oct 31 j 11:47	0° 	
	-11852 Nov 25 j 14:22	0° 		morning set	-11851 Nov 14 j 09:02	23°  14'54	
morning set	-11852 Dec 01 j 06:22	10°  35'24			-11851 Nov 17 j 16:03	0° 	
max. Earth dist.	-11852 Dec 06 j 00:07	20°  02'20	1.34337 AU	max. Earth dist.	-11851 Nov 18 j 12:36	1°  39'37	1.35672 AU
superior conj	-11852 Dec 09 j 10:07	27°  07'52	-1°25'30	superior conj	-11851 Nov 23 j 09:15	11°  21'34	-1°35'06
minimum elong	-11852 Dec 09 j 12:00	27°  17'48	1°25'17	minimum elong	-11851 Nov 23 j 10:25	11°  27'29	1°34'48
	-11852 Dec 10 j 18:45	0° 		evening rise	-11851 Dec 01 j 01:25	27°  11'27	
evening rise	-11852 Dec 16 j 17:28	12°  33'48			-11851 Dec 02 j 10:31	0° 	
asc. node	-11852 Dec 20 j 12:31	20°  16'14		asc. node	-11851 Dec 07 j 09:51	9°  39'05	
	-11852 Dec 25 j 18:52	0° 		evening max el	-11851 Dec 19 j 20:04	27°  17'25	20°31'32
evening max el	-11851 Jan 06 j 16:19	15°  54'36	21°54'25		-11851 Dec 23 j 06:22	0° 	
retrograde	-11851 Jan 18 j 21:49	21°  43'13		retrograde	-11851 Dec 30 j 13:22	2°  19'22	
evening set	-11851 Jan 21 j 23:03	21°  22'29		evening set	-11850 Jan 02 j 05:27	2°  01'56	
inferior conj	-11851 Jan 31 j 00:39	17°  18'29	1°37'17		-11850 Jan 07 j 12:23	30°  R 	
minimum elong	-11851 Jan 31 j 04:40	17°  12'46	1°35'34	inferior conj	-11850 Jan 10 j 23:16	28°  02'17	3°07'27
min. Earth dist.	-11851 Jan 30 j 23:22	17°  12'01	0.55453 AU	minimum elong	-11850 Jan 11 j 05:01	27°  53'43	3°05'51
desc. node	-11851 Feb 06 j 10:17	14°  04'34		min. Earth dist.	-11850 Jan 12 j 12:52	27°  06'30	0.55815 AU
morning rise	-11851 Feb 09 j 10:31	13°  12'14		morning rise	-11850 Jan 20 j 03:05	23°  38'32	
direct	-11851 Feb 12 j 00:20	12°  57'14		direct	-11850 Jan 23 j 16:17	23°  10'49	
morning max el	-11851 Feb 24 j 04:27	18°  48'26	21°32'32	desc. node	-11850 Jan 24 j 07:01	23°  11'40	
	-11851 Mar 05 j 01:26	0° 		morning max el	-11850 Feb 06 j 01:07	29°  45'57	23°05'55
morning set	-11851 Mar 16 j 11:03	21°  06'12			-11850 Feb 06 j 06:58	0° 	
asc. node	-11851 Mar 18 j 10:37	25°  13'22			-11850 Feb 25 j 23:08	0° 	
	-11851 Mar 20 j 17:18	0° 		morning set	-11850 Feb 28 j 22:28	6°  05'24	
superior conj	-11851 Mar 23 j 21:39	6°  38'56	0°49'18	asc. node	-11850 Mar 05 j 07:43	15°  23'40	
minimum elong	-11851 Mar 23 j 19:34	6°  28'08	0°48'16	superior conj	-11850 Mar 08 j 02:07	21°  18'14	0°25'57
max. Earth dist.	-11851 Mar 27 j 13:03	14°  06'16	1.35001 AU	minimum elong	-11850 Mar 08 j 01:01	21°  12'25	0°25'05
evening rise	-11851 Apr 01 j 06:08	23°  21'40		max. Earth dist.	-11850 Mar 10 j 12:39	26°  27'20	1.33945 AU
	-11851 Apr 04 j 19:22	0° 			-11850 Mar 12 j 05:34	0° 	
	-11851 Apr 23 j 09:40	0° 		evening rise	-11850 Mar 15 j 20:50	7°  20'44	
desc. node	-11851 May 05 j 09:26	14°  44'45			-11850 Mar 28 j 08:54	0° 	
evening max el	-11851 May 06 j 09:46	15°  45'56	26°53'15	evening max el	-11850 Apr 18 j 20:15	28°  50'18	27°23'24
retrograde	-11851 May 19 j 13:20	23°  15'10			-11850 Apr 20 j 01:41	0° 	
evening set	-11851 May 26 j 06:29	20°  28'02		desc. node	-11850 Apr 22 j 06:45	1°  54'14	
min. Earth dist.	-11851 May 30 j 03:21	16°  29'43	0.65292 AU	retrograde	-11850 May 02 j 11:34	6°  25'21	
inferior conj	-11851 Jun 01 j 00:02	14°  16'55	-3°11'08	evening set	-11850 May 09 j 10:03	3°  45'48	
minimum elong	-11851 Jun 01 j 01:57	14°  11'14	3°11'05	min. Earth dist.	-11850 May 13 j 02:24	0°  21'11	0.63872 AU
morning rise	-11851 Jun 06 j 21:43	8°  37'38			-11850 May 13 j 10:25	30°  R 	
direct	-11851 Jun 09 j 23:36	7°  44'53		inferior conj	-11850 May 15 j 13:45	27°  40'46	-3°25'43
asc. node	-11851 Jun 14 j 11:02	9°  29'31		minimum elong	-11850 May 15 j 14:39	27°  38'19	3°26'04
morning max el	-11851 Jun 16 j 15:00	11°  24'30	18°35'29	morning rise	-11850 May 21 j 20:03	22°  18'17	
	-11851 Jun 29 j 16:01	0° 		direct	-11850 May 24 j 16:19	21°  36'40	
morning set	-11851 Jul 06 j 18:18	11°  35'01		morning max el	-11850 May 31 j 04:00	25°  02'28	18°09'46
	-11851 Jul 18 j 03:49	0° 		asc. node	-11850 Jun 01 j 07:48	26°  16'27	
superior conj	-11851 Jul 21 j 19:26	5°  48'41	0°58'57		-11850 Jun 04 j 06:25	0° 	
minimum elong	-11851 Jul 22 j 01:38	6°  13'18	0°58'40	morning set	-11850 Jun 18 j 01:56	22°  30'57	
max. Earth dist.	-11851 Jul 23 j 12:17	8°  30'40	1.44535 AU		-11850 Jun 22 j 11:32	0° 	
desc. node	-11851 Aug 01 j 06:05	22°  19'13		superior conj	-11850 Jul 01 j 06:33	14°  35'59	1°31'09
	-11851 Aug 06 j 02:50	0° 		minimum elong	-11850 Jul 01 j 12:15	14°  35'11	1°30'53
evening rise	-11851 Aug 07 j 07:11	1°  51'59		max. Earth dist.	-11850 Jul 06 j 03:13	22°  27'02	1.43914 AU
	-11851 Aug 25 j 17:53	0° 			-11850 Jul 10 j 21:16	0° 	
evening max el	-11851 Aug 30 j 01:43	5°  10'58	19°14'33	evening rise	-11850 Jul 17 j 15:25	10°  34'25	
retrograde	-11851 Sep 06 j 02:40	9°  11'53		desc. node	-11850 Jul 19 j 03:30	12°  54'18	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11850 Jul 30 j 08:19	0°♊			-11849 Jul 25 j 07:33	0°♊	
evening max el	-11850 Aug 13 j 07:01	18°♊39'31	20°09'50	evening max el	-11849 Jul 27 j 05:35	2°♊03'57	21°18'38
retrograde	-11850 Aug 20 j 23:24	23°♊07'31		retrograde	-11849 Aug 04 j 19:37	7°♊07'23	
evening set	-11850 Aug 24 j 14:54	21°♊50'37		evening set	-11849 Aug 08 j 23:20	5°♊30'48	
asc. node	-11850 Aug 28 j 08:36	18°♊04'32			-11849 Aug 13 j 19:39	30°♊♌	
inferior conj	-11850 Aug 30 j 02:19	15°♊48'59	0°32'54	inferior conj	-11849 Aug 14 j 06:43	29°♊22'07	-0°17'57
minimum elong	-11850 Aug 30 j 01:34	15°♊51'29	0°33'15	minimum elong	-11849 Aug 14 j 07:05	29°♊20'52	0°17'14
min. Earth dist.	-11850 Aug 30 j 23:31	14°♊38'27	0.66496 AU	min. Earth dist.	-11849 Aug 14 j 17:15	28°♊45'57	0.67013 AU
morning rise	-11850 Sep 04 j 11:58	9°♊28'37		asc. node	-11849 Aug 15 j 05:32	28°♊04'05	
direct	-11850 Sep 10 j 02:41	7°♊05'07		morning rise	-11849 Aug 19 j 14:39	23°♊01'20	
morning max el	-11850 Sep 21 j 19:40	14°♊02'53	25°00'57	direct	-11849 Aug 24 j 15:11	20°♊55'05	
	-11850 Oct 04 j 21:04	0°♋		morning max el	-11849 Sep 04 j 05:41	27°♊17'36	23°38'44
desc. node	-11850 Oct 15 j 02:01	14°♋59'20			-11849 Sep 06 j 18:05	0°♋	
	-11850 Oct 24 j 07:15	0°♋			-11849 Sep 28 j 13:33	0°♋	
morning set	-11850 Oct 27 j 17:51	5°♋58'57		desc. node	-11849 Oct 01 j 22:55	5°♋17'33	
max. Earth dist.	-11850 Oct 31 j 15:13	13°♋00'45	1.37397 AU	morning set	-11849 Oct 09 j 03:24	17°♋00'54	
				max. Earth dist.	-11849 Oct 13 j 13:35	24°♋36'12	1.39357 AU
					-11849 Oct 16 j 14:37	0°♋	
superior conj	-11850 Nov 06 j 22:56	25°♋02'19	-1°38'28				
minimum elong	-11850 Nov 06 j 22:46	25°♋01'31	1°38'02				
	-11850 Nov 09 j 11:13	0°♌		superior conj	-11849 Oct 20 j 23:04	7°♋58'23	-1°33'37
evening rise	-11850 Nov 15 j 04:53	11°♌30'24		minimum elong	-11849 Oct 20 j 21:05	7°♋49'07	1°32'58
asc. node	-11850 Nov 24 j 07:11	28°♌30'59		evening rise	-11849 Oct 30 j 01:26	25°♋24'10	
	-11850 Nov 25 j 05:11	0°♌			-11849 Nov 01 j 10:45	0°♌	
evening max el	-11850 Dec 02 j 10:04	9°♌14'22	19°25'34	asc. node	-11849 Nov 11 j 04:29	16°♌41'56	
retrograde	-11850 Dec 11 j 14:44	13°♌35'31		evening max el	-11849 Nov 15 j 09:51	21°♌43'50	18°39'25
evening set	-11850 Dec 14 j 03:26	13°♌17'15		retrograde	-11849 Nov 23 j 09:08	25°♌36'41	
inferior conj	-11850 Dec 22 j 09:22	9°♌07'17	4°01'42	evening set	-11849 Nov 25 j 20:45	25°♌15'28	
minimum elong	-11850 Dec 22 j 12:47	9°♌01'36	4°01'14	inferior conj	-11849 Dec 03 j 13:46	20°♌46'15	4°17'09
min. Earth dist.	-11850 Dec 25 j 02:32	7°♌19'47	0.56949 AU	minimum elong	-11849 Dec 03 j 13:27	20°♌46'50	4°17'18
morning rise	-11850 Dec 30 j 19:58	4°♌19'18		min. Earth dist.	-11849 Dec 06 j 18:18	18°♌21'18	0.58593 AU
direct	-11849 Jan 04 j 17:45	3°♌24'12		morning rise	-11849 Dec 11 j 04:18	15°♌35'49	
desc. node	-11849 Jan 11 j 03:41	4°♌58'38		direct	-11849 Dec 17 j 07:01	14°♌03'37	
morning max el	-11849 Jan 18 j 16:05	10°♌26'51	24°42'20	desc. node	-11849 Dec 29 j 00:20	19°♌14'36	
	-11849 Feb 02 j 08:41	0°♍		morning max el	-11849 Dec 31 j 08:05	21°♌19'18	26°07'18
morning set	-11849 Feb 13 j 10:58	21°♍10'01			-11848 Jan 07 j 22:38	0°♌	
	-11849 Feb 17 j 14:07	0°♎			-11848 Jan 25 j 21:57	0°♍	
				morning set	-11848 Jan 28 j 22:47	6°♍13'38	
superior conj	-11849 Feb 20 j 10:53	6°♎12'32	0°02'24				
minimum elong	-11849 Feb 20 j 10:49	6°♎12'09	0°01'47	superior conj	-11848 Feb 04 j 22:06	21°♍15'12	-0°20'31
behind sun begin	-11849 Feb 20 j 05:45	5°♎44'44		minimum elong	-11848 Feb 04 j 22:57	21°♍19'48	0°20'52
behind sun end	-11849 Feb 20 j 15:53	6°♎39'32		max. Earth dist.	-11848 Feb 05 j 08:41	22°♍12'55	1.32854 AU
asc. node	-11849 Feb 20 j 04:52	5°♎39'57		asc. node	-11848 Feb 07 j 02:05	25°♍58'11	
max. Earth dist.	-11849 Feb 21 j 20:15	9°♎12'34	1.33235 AU		-11848 Feb 08 j 22:58	0°♎	
evening rise	-11849 Feb 27 j 20:19	21°♎48'00		evening rise	-11848 Feb 12 j 01:47	6°♎33'54	
	-11849 Mar 04 j 00:10	0°♏			-11848 Feb 24 j 14:50	0°♏	
	-11849 Mar 22 j 08:52	0°♏		evening max el	-11848 Mar 13 j 08:46	23°♏35'25	26°49'41
evening max el	-11849 Apr 01 j 04:38	11°♏29'43	27°22'58		-11848 Mar 22 j 12:22	0°♏	
desc. node	-11849 Apr 09 j 03:59	17°♏28'57		desc. node	-11848 Mar 26 j 01:06	0°♏56'12	
retrograde	-11849 Apr 15 j 03:20	19°♏02'59		retrograde	-11848 Mar 27 j 11:12	1°♏01'27	
evening set	-11849 Apr 21 j 23:26	16°♏44'32			-11848 Apr 01 j 06:27	30°♏♌	
min. Earth dist.	-11849 Apr 25 j 16:34	13°♏43'38	0.62112 AU	evening set	-11848 Apr 02 j 19:30	29°♏14'36	
inferior conj	-11849 Apr 28 j 16:50	10°♏49'45	-3°25'37	min. Earth dist.	-11848 Apr 06 j 22:05	26°♏23'59	0.60151 AU
minimum elong	-11849 Apr 28 j 16:08	10°♏51'26	3°26'08	inferior conj	-11848 Apr 10 j 05:48	23°♏36'34	-3°05'35
morning rise	-11849 May 05 j 10:23	5°♏45'45		minimum elong	-11848 Apr 10 j 03:17	23°♏41'55	3°05'52
direct	-11849 May 08 j 02:00	5°♏13'40		morning rise	-11848 Apr 17 j 13:29	18°♏52'16	
morning max el	-11849 May 14 j 17:53	8°♏36'24	18°02'12	direct	-11848 Apr 20 j 00:56	18°♏28'17	
asc. node	-11849 May 19 j 04:36	14°♏01'51		morning max el	-11848 Apr 27 j 06:03	22°♏00'02	18°13'30
	-11849 May 28 j 19:24	0°♐			-11848 May 03 j 11:23	0°♏	
morning set	-11849 May 31 j 08:12	4°♐31'42		asc. node	-11848 May 05 j 01:28	2°♏33'08	
				morning set	-11848 May 13 j 08:29	17°♏27'32	
					-11848 May 20 j 02:35	0°♐	
superior conj	-11849 Jun 11 j 18:42	24°♐36'33	1°47'01				
minimum elong	-11849 Jun 11 j 20:48	24°♐45'28	1°46'52				
	-11849 Jun 14 j 23:21	0°♑		superior conj	-11848 May 23 j 09:23	5°♐56'55	1°48'18
max. Earth dist.	-11849 Jun 18 j 13:37	5°♑56'44	1.42694 AU	minimum elong	-11848 May 23 j 08:17	5°♐52'01	1°47'58
evening rise	-11849 Jun 26 j 15:46	18°♑54'34		max. Earth dist.	-11848 May 30 j 18:49	18°♐50'00	1.41041 AU
	-11849 Jul 03 j 19:59	0°♒		evening rise	-11848 Jun 05 j 07:08	27°♐59'05	
desc. node	-11849 Jul 06 j 00:58	3°♒20'32			-11848 Jun 06 j 13:00	0°♑	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

desc. node	-11848 Jun 21 j 22:26	23° Υ 33'32		desc. node	-11847 Jun 08 j 19:56	13° Υ 27'14	
	-11848 Jun 26 j 11:19	0° \mathcal{B}		evening max el	-11847 Jun 21 j 08:44	28° Υ 44'42	23°59'26
evening max el	-11848 Jul 08 j 21:32	15° \mathcal{B} 25'00	22°37'04		-11847 Jun 22 j 15:46	0° \mathcal{B}	
retrograde	-11848 Jul 18 j 13:54	21° \mathcal{B} 09'29		retrograde	-11847 Jul 02 j 05:08	5° \mathcal{B} 10'38	
evening set	-11848 Jul 23 j 07:29	19° \mathcal{B} 11'32		evening set	-11847 Jul 07 j 13:29	2° \mathcal{B} 51'52	
inferior conj	-11848 Jul 28 j 12:51	12° \mathcal{B} 58'17	-1°05'49		-11847 Jul 10 j 05:31	30° $\mathcal{R}\Upsilon$	
minimum elong	-11848 Jul 28 j 14:09	12° \mathcal{B} 53'45	1°04'53	inferior conj	-11847 Jul 12 j 18:59	26° Υ 36'17	-1°49'19
min. Earth dist.	-11848 Jul 28 j 12:50	12° \mathcal{B} 58'20	0.67238 AU	minimum elong	-11847 Jul 12 j 20:58	26° Υ 29'30	1°48'23
asc. node	-11848 Aug 01 j 02:26	8° \mathcal{B} 22'49		min. Earth dist.	-11847 Jul 12 j 07:54	27° Υ 14'05	0.67148 AU
morning rise	-11848 Aug 02 j 20:44	6° \mathcal{B} 40'52		morning rise	-11847 Jul 18 j 04:24	20° Υ 25'39	
direct	-11848 Aug 07 j 07:57	4° \mathcal{B} 53'07		asc. node	-11847 Jul 18 j 23:19	19° Υ 53'18	
morning max el	-11848 Aug 16 j 18:32	10° \mathcal{B} 33'32	22°15'06	direct	-11847 Jul 22 j 03:50	18° Υ 55'45	
	-11848 Aug 31 j 20:50	0° Π		morning max el	-11847 Jul 30 j 12:47	23° Υ 54'22	20°57'17
desc. node	-11848 Sep 17 j 19:55	25° Π 47'19			-11847 Aug 04 j 17:02	0° \mathcal{B}	
morning set	-11848 Sep 18 j 10:29	26° Π 45'41			-11847 Aug 25 j 06:33	0° Π	
	-11848 Sep 20 j 10:33	0° \mathcal{E}		morning set	-11847 Aug 28 j 19:48	5° Π 30'39	
max. Earth dist.	-11848 Sep 24 j 15:00	6° \mathcal{E} 54'35	1.41301 AU	desc. node	-11847 Sep 04 j 17:01	16° Π 24'29	
				max. Earth dist.	-11847 Sep 06 j 22:32	20° Π 00'33	1.42950 AU
superior conj	-11848 Oct 02 j 04:23	19° \mathcal{E} 55'27	-1°18'16		-11847 Sep 12 j 23:53	0° \mathcal{E}	
minimum elong	-11848 Oct 02 j 00:37	19° \mathcal{E} 38'49	1°17'18				
	-11848 Oct 07 j 18:27	0° \mathcal{Q}		superior conj	-11847 Sep 13 j 09:07	0° \mathcal{E} 38'44	-0°50'34
evening rise	-11848 Oct 12 j 12:02	8° \mathcal{Q} 45'23		minimum elong	-11847 Sep 13 j 05:02	0° \mathcal{E} 21'34	0°49'25
	-11848 Oct 24 j 20:30	0° \mathcal{P}		evening rise	-11847 Sep 25 j 08:36	21° \mathcal{E} 24'31	
asc. node	-11848 Oct 28 j 01:46	3° \mathcal{P} 59'19			-11847 Sep 30 j 05:19	0° \mathcal{Q}	
evening max el	-11848 Oct 28 j 17:11	4° \mathcal{P} 38'54	18°13'32	evening max el	-11847 Oct 12 j 05:12	17° \mathcal{Q} 52'04	18°07'19
retrograde	-11848 Nov 04 j 20:58	8° \mathcal{P} 16'17		asc. node	-11847 Oct 14 j 23:02	20° \mathcal{Q} 08'00	
evening set	-11848 Nov 07 j 08:48	7° \mathcal{P} 50'44		retrograde	-11847 Oct 18 j 22:36	21° \mathcal{Q} 24'38	
inferior conj	-11848 Nov 14 j 13:13	2° \mathcal{P} 59'36	4°02'52	evening set	-11847 Oct 21 j 12:24	20° \mathcal{Q} 53'02	
minimum elong	-11848 Nov 14 j 10:20	3° \mathcal{P} 05'57	4°02'52	inferior conj	-11847 Oct 28 j 05:12	15° \mathcal{Q} 41'24	3°29'31
min. Earth dist.	-11848 Nov 17 j 15:41	0° \mathcal{P} 16'58	0.60436 AU	minimum elong	-11847 Oct 28 j 01:24	15° \mathcal{Q} 50'53	3°29'11
	-11848 Nov 17 j 23:49	30° $\mathcal{R}\mathcal{Q}$		min. Earth dist.	-11847 Oct 30 j 22:03	13° \mathcal{Q} 00'07	0.62222 AU
morning rise	-11848 Nov 21 j 10:28	27° \mathcal{Q} 29'25		morning rise	-11847 Nov 03 j 13:19	9° \mathcal{Q} 54'05	
direct	-11848 Nov 28 j 06:31	25° \mathcal{Q} 22'10		direct	-11847 Nov 10 j 14:48	7° \mathcal{Q} 22'08	
	-11848 Dec 09 j 02:37	0° \mathcal{P}		morning max el	-11847 Nov 24 j 10:18	14° \mathcal{Q} 52'03	27°33'23
morning max el	-11848 Dec 12 j 05:57	2° \mathcal{P} 45'28	27°07'01	desc. node	-11847 Dec 01 j 17:38	23° \mathcal{Q} 03'03	
desc. node	-11848 Dec 14 j 20:58	5° \mathcal{P} 26'34			-11847 Dec 06 j 21:32	0° \mathcal{P}	
	-11847 Jan 01 j 05:14	0° \mathcal{Q}			-11847 Dec 24 j 14:55	0° \mathcal{Q}	
morning set	-11847 Jan 12 j 08:03	21° \mathcal{Q} 08'40		morning set	-11847 Dec 27 j 12:39	5° \mathcal{Q} 47'36	
	-11847 Jan 16 j 12:16	0° \mathcal{M}		max. Earth dist.	-11846 Jan 02 j 08:59	18° \mathcal{Q} 04'18	1.33092 AU
superior conj	-11847 Jan 19 j 09:58	6° \mathcal{M} 19'00	-0°42'01	superior conj	-11846 Jan 03 j 20:52	21° \mathcal{Q} 18'07	-1°01'23
minimum elong	-11847 Jan 19 j 11:32	6° \mathcal{M} 27'32	0°42'07	minimum elong	-11846 Jan 03 j 22:53	21° \mathcal{Q} 28'58	1°01'18
max. Earth dist.	-11847 Jan 18 j 22:12	5° \mathcal{M} 14'45	1.32801 AU		-11846 Jan 07 j 21:10	0° \mathcal{M}	
asc. node	-11847 Jan 23 j 23:21	16° \mathcal{M} 13'26		evening rise	-11846 Jan 10 j 21:56	6° \mathcal{M} 28'00	
evening rise	-11847 Jan 26 j 10:56	21° \mathcal{M} 29'27		asc. node	-11846 Jan 10 j 20:40	6° \mathcal{M} 21'19	
	-11847 Jan 30 j 15:35	0° \mathcal{A}			-11846 Jan 23 j 12:08	0° \mathcal{A}	
	-11847 Feb 18 j 14:09	0° \mathcal{B}		evening max el	-11846 Feb 05 j 01:02	16° \mathcal{A} 01'57	24°21'05
evening max el	-11847 Feb 23 j 07:11	5° \mathcal{B} 03'02	25°46'12	retrograde	-11846 Feb 18 j 19:39	22° \mathcal{A} 53'20	
retrograde	-11847 Mar 09 j 09:11	12° \mathcal{B} 16'33		evening set	-11846 Feb 23 j 04:57	22° \mathcal{A} 10'06	
desc. node	-11847 Mar 12 j 22:09	11° \mathcal{B} 46'04		desc. node	-11846 Feb 27 j 19:08	20° \mathcal{A} 04'03	
evening set	-11847 Mar 14 j 20:35	11° \mathcal{B} 04'21		min. Earth dist.	-11846 Mar 01 j 14:22	18° \mathcal{A} 59'19	0.56605 AU
min. Earth dist.	-11847 Mar 19 j 20:27	8° \mathcal{B} 09'59	0.58214 AU	inferior conj	-11846 Mar 04 j 00:27	17° \mathcal{A} 27'05	-1°03'07
inferior conj	-11847 Mar 23 j 01:02	5° \mathcal{B} 51'02	-2°19'21	minimum elong	-11846 Mar 03 j 22:05	17° \mathcal{A} 30'52	1°03'04
minimum elong	-11847 Mar 22 j 21:26	5° \mathcal{B} 57'38	2°19'12	morning rise	-11846 Mar 12 j 18:16	13° \mathcal{A} 18'22	
morning rise	-11847 Mar 31 j 01:27	1° \mathcal{B} 26'26		direct	-11846 Mar 14 j 22:20	13° \mathcal{A} 05'30	
direct	-11847 Apr 02 j 08:42	1° \mathcal{B} 09'06		morning max el	-11846 Mar 24 j 13:25	17° \mathcal{A} 38'19	19°34'44
morning max el	-11847 Apr 10 j 13:33	5° \mathcal{B} 03'48	18°44'15		-11846 Apr 02 j 17:58	0° \mathcal{B}	
asc. node	-11847 Apr 21 j 22:22	21° \mathcal{B} 38'48		asc. node	-11846 Apr 08 j 19:18	11° \mathcal{B} 10'24	
	-11847 Apr 26 j 08:25	0° \approx		morning set	-11846 Apr 10 j 21:19	15° \mathcal{B} 17'51	
morning set	-11847 Apr 26 j 22:07	1° \approx 06'14			-11846 Apr 18 j 05:32	0° \approx	
superior conj	-11847 May 05 j 21:53	18° \approx 24'37	1°38'58	superior conj	-11846 Apr 19 j 02:44	1° \approx 44'26	1°22'41
minimum elong	-11847 May 05 j 19:10	18° \approx 11'50	1°38'19	minimum elong	-11846 Apr 18 j 23:42	1° \approx 29'30	1°21'45
	-11847 May 12 j 05:43	0° \mathcal{H}		max. Earth dist.	-11846 Apr 24 j 20:52	12° \approx 46'23	1.37349 AU
max. Earth dist.	-11847 May 12 j 19:47	1° \mathcal{H} 02'28	1.39176 AU	evening rise	-11846 Apr 28 j 21:21	20° \approx 06'52	
evening rise	-11847 May 17 j 01:11	8° \mathcal{H} 22'58			-11846 May 04 j 14:08	0° \mathcal{H}	
	-11847 May 30 j 12:20	0° Υ			-11846 May 24 j 11:51	0° Υ	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

desc. node	-11846 May 26 j 17:25	2° Υ 53'21				-11845 Apr 10 j 00:50	0° \approx	
evening max el	-11846 Jun 03 j 18:13	12° Υ 05'37	25°18'03	evening rise		-11845 Apr 11 j 14:15	2° \approx 56'22	
retrograde	-11846 Jun 15 j 16:31	19° Υ 05'58				-11845 Apr 27 j 12:56	0° \mathcal{H}	
evening set	-11846 Jun 21 j 15:16	16° Υ 30'06		desc. node		-11845 May 13 j 14:51	21° \mathcal{H} 40'29	
min. Earth dist.	-11846 Jun 26 j 00:10	11° Υ 30'29	0.66720 AU	evening max el		-11845 May 17 j 04:24	25° \mathcal{H} 27'23	26°24'16
inferior conj	-11846 Jun 26 j 23:16	10° Υ 14'20	-2°27'07			-11845 May 22 j 12:32	0° Υ	
minimum elong	-11846 Jun 27 j 01:35	10° Υ 06'41	2°26'25	retrograde		-11845 May 29 j 23:17	2° Υ 49'49	
morning rise	-11846 Jul 02 j 11:57	4° Υ 13'33		evening set		-11845 Jun 05 j 10:35	0° Υ 04'05	
asc. node	-11846 Jul 05 j 20:08	3° Υ 00'01				-11845 Jun 05 j 12:28	30° \mathcal{R} \mathcal{H}	
direct	-11846 Jul 06 j 01:29	2° Υ 59'44		min. Earth dist.		-11845 Jun 09 j 11:22	25° \mathcal{H} 43'38	0.65922 AU
morning max el	-11846 Jul 13 j 13:29	7° Υ 21'34	19°50'26	inferior conj		-11845 Jun 10 j 23:47	23° \mathcal{H} 50'26	-2°57'39
	-11846 Jul 29 j 22:06	0° \mathcal{B}		minimum elong		-11845 Jun 11 j 02:00	23° \mathcal{H} 43'33	2°57'21
morning set	-11846 Aug 07 j 23:09	14° \mathcal{B} 00'39		morning rise		-11845 Jun 16 j 17:33	18° \mathcal{H} 02'20	
	-11846 Aug 18 j 03:30	0° Π		direct		-11845 Jun 19 j 23:10	17° \mathcal{H} 02'27	
max. Earth dist.	-11846 Aug 20 j 11:16	3° Π 41'30	1.44088 AU	asc. node		-11845 Jun 22 j 16:53	17° \mathcal{H} 43'08	
desc. node	-11846 Aug 22 j 14:13	7° Π 05'05		morning max el		-11845 Jun 26 j 20:13	20° \mathcal{H} 55'08	18°58'06
						-11845 Jul 03 j 21:54	0° Υ	
superior conj	-11846 Aug 24 j 10:04	10° Π 01'17	-0°10'57	morning set		-11845 Jul 18 j 16:10	23° Υ 09'32	
minimum elong	-11846 Aug 24 j 08:55	9° Π 56'39	0°10'10			-11845 Jul 22 j 23:04	0° \mathcal{B}	
behind sun begin	-11846 Aug 24 j 00:22	9° Π 22'10		max. Earth dist.		-11845 Aug 03 j 03:14	17° \mathcal{B} 42'50	1.44578 AU
behind sun end	-11846 Aug 24 j 17:29	10° Π 31'10						
	-11846 Sep 05 j 13:15	0° \mathcal{E}		superior conj		-11845 Aug 03 j 13:57	18° \mathcal{B} 25'14	0°34'32
evening rise	-11846 Sep 07 j 09:52	3° \mathcal{E} 07'46		minimum elong		-11845 Aug 03 j 18:05	18° \mathcal{B} 41'33	0°34'31
	-11846 Sep 24 j 14:59	0° Ω		desc. node		-11845 Aug 09 j 11:32	27° \mathcal{B} 46'21	
evening max el	-11846 Sep 25 j 18:52	1° Ω 15'41	18°19'46			-11845 Aug 10 j 21:08	0° Π	
asc. node	-11846 Oct 01 j 20:14	4° Ω 50'43		evening rise		-11845 Aug 19 j 10:15	13° Π 41'47	
retrograde	-11846 Oct 02 j 09:39	4° Ω 52'23				-11845 Aug 29 j 14:12	0° \mathcal{E}	
evening set	-11846 Oct 05 j 03:41	4° Ω 12'14		evening max el		-11845 Sep 09 j 07:22	14° \mathcal{E} 45'01	18°49'48
	-11846 Oct 10 j 05:58	30° \mathcal{R} \mathcal{E}		retrograde		-11845 Sep 16 j 02:33	18° \mathcal{E} 34'15	
inferior conj	-11846 Oct 11 j 10:08	28° \mathcal{E} 42'48	2°45'06	asc. node		-11845 Sep 18 j 17:20	17° \mathcal{E} 55'27	
minimum elong	-11846 Oct 11 j 06:37	28° \mathcal{E} 52'36	2°44'39	evening set		-11845 Sep 19 j 03:12	17° \mathcal{E} 42'23	
min. Earth dist.	-11846 Oct 13 j 14:33	26° \mathcal{E} 17'27	0.63799 AU	inferior conj		-11845 Sep 25 j 00:52	11° \mathcal{E} 58'09	1°55'01
morning rise	-11846 Oct 17 j 08:46	22° \mathcal{E} 41'38		minimum elong		-11845 Sep 24 j 22:16	12° \mathcal{E} 06'03	1°54'46
direct	-11846 Oct 24 j 06:35	19° \mathcal{E} 58'17		min. Earth dist.		-11845 Sep 26 j 16:30	9° \mathcal{E} 58'14	0.65094 AU
morning max el	-11846 Nov 06 j 18:48	27° \mathcal{E} 31'17	27°25'15	morning rise		-11845 Sep 30 j 16:49	5° \mathcal{E} 46'41	
	-11846 Nov 09 j 04:41	0° Ω		direct		-11845 Oct 07 j 04:57	3° \mathcal{E} 04'25	
desc. node	-11846 Nov 18 j 14:17	11° Ω 38'51		morning max el		-11845 Oct 20 j 04:52	10° \mathcal{E} 32'22	26°46'30
	-11846 Nov 30 j 12:17	0° \mathcal{H}				-11845 Nov 04 j 19:21	0° Ω	
morning set	-11846 Dec 11 j 09:56	20° \mathcal{H} 00'40		desc. node		-11845 Nov 05 j 10:58	0° Ω 57'03	
	-11846 Dec 16 j 07:43	0° \mathcal{L}				-11845 Nov 22 j 22:26	0° \mathcal{H}	
max. Earth dist.	-11846 Dec 16 j 13:08	0° \mathcal{L} 28'19	1.33759 AU	morning set		-11845 Nov 24 j 20:33	3° \mathcal{H} 37'12	
				max. Earth dist.		-11845 Nov 29 j 07:30	12° \mathcal{H} 20'24	1.34851 AU
superior conj	-11846 Dec 19 j 04:57	6° \mathcal{L} 05'23	-1°17'48					
minimum elong	-11846 Dec 19 j 07:00	6° \mathcal{L} 16'22	1°17'36	superior conj		-11845 Dec 03 j 08:05	20° \mathcal{H} 33'49	-1°30'16
evening rise	-11846 Dec 26 j 09:03	21° \mathcal{L} 22'45		minimum elong		-11845 Dec 03 j 09:44	20° \mathcal{H} 42'22	1°29'59
asc. node	-11846 Dec 28 j 18:01	26° \mathcal{L} 16'31				-11845 Dec 07 j 20:11	0° \mathcal{L}	
	-11846 Dec 30 j 14:50	0° \mathcal{M}		evening rise		-11845 Dec 10 j 18:39	6° \mathcal{L} 08'10	
evening max el	-11845 Jan 17 j 18:46	26° \mathcal{M} 53'37	22°47'16	asc. node		-11845 Dec 15 j 15:22	15° \mathcal{L} 53'07	
	-11845 Jan 21 j 14:47	0° \mathcal{J}				-11845 Dec 23 j 23:44	0° \mathcal{M}	
retrograde	-11845 Jan 30 j 18:02	3° \mathcal{J} 08'25		evening max el		-11845 Dec 30 j 17:46	8° \mathcal{M} 00'46	21°17'27
evening set	-11845 Feb 03 j 04:05	2° \mathcal{J} 42'52		retrograde		-11844 Jan 11 j 08:27	13° \mathcal{M} 28'48	
	-11845 Feb 09 j 14:24	30° \mathcal{R} \mathcal{M}		evening set		-11844 Jan 14 j 04:45	13° \mathcal{M} 10'15	
min. Earth dist.	-11845 Feb 11 j 06:04	29° \mathcal{M} 03'38	0.55631 AU	inferior conj		-11844 Jan 23 j 03:55	9° \mathcal{M} 10'43	2°18'59
inferior conj	-11845 Feb 12 j 06:27	28° \mathcal{M} 28'12	0°36'55	minimum elong		-11844 Jan 23 j 09:11	9° \mathcal{M} 03'09	2°17'06
minimum elong	-11845 Feb 12 j 08:00	28° \mathcal{M} 25'57	0°35'51	min. Earth dist.		-11844 Jan 23 j 20:12	8° \mathcal{M} 47'23	0.55500 AU
desc. node	-11845 Feb 14 j 16:00	27° \mathcal{M} 06'19		morning rise		-11844 Feb 01 j 12:53	4° \mathcal{M} 58'15	
morning rise	-11845 Feb 21 j 13:20	24° \mathcal{M} 24'56		desc. node		-11844 Feb 01 j 12:46	4° \mathcal{M} 58'19	
direct	-11845 Feb 23 j 19:59	24° \mathcal{M} 12'34		direct		-11844 Feb 04 j 11:05	4° \mathcal{M} 39'15	
morning max el	-11845 Mar 07 j 02:58	29° \mathcal{M} 35'13	20°44'32	morning max el		-11844 Feb 17 j 05:05	10° \mathcal{M} 51'19	22°11'05
	-11845 Mar 07 j 13:14	0° \mathcal{J}				-11844 Mar 01 j 23:25	0° \mathcal{J}	
morning set	-11845 Mar 26 j 03:06	29° \mathcal{J} 54'05		morning set		-11844 Mar 09 j 13:03	14° \mathcal{J} 47'02	
	-11845 Mar 26 j 04:16	0° \mathcal{Z}		asc. node		-11844 Mar 12 j 13:19	21° \mathcal{J} 06'15	
asc. node	-11845 Mar 26 j 16:17	1° \mathcal{Z} 01'30						
superior conj	-11845 Apr 02 j 19:23	15° \mathcal{Z} 43'23	1°02'12	superior conj		-11844 Mar 16 j 20:18	0° \mathcal{Z} 10'22	0°39'30
minimum elong	-11845 Apr 02 j 16:49	15° \mathcal{Z} 30'20	1°01'10	minimum elong		-11844 Mar 16 j 18:37	0° \mathcal{Z} 01'33	0°38'31
						-11844 Mar 16 j 18:19	0° \mathcal{Z}	
max. Earth dist.	-11845 Apr 07 j 04:40	24° \mathcal{Z} 30'38	1.35762 AU	max. Earth dist.		-11844 Mar 19 j 22:45	6° \mathcal{Z} 37'10	1.34510 AU

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening rise	-11844 Mar 24 j 22:18	16° Z 34'19		behind sun end	-11843 Mar 01 j 03:37	15° Z 01'21	
	-11844 Apr 01 j 04:27	0° \approx		max. Earth dist.	-11843 Mar 03 j 02:25	19° Z 11'08	1.33605 AU
	-11844 Apr 20 j 22:34	0° X			-11843 Mar 08 j 07:46	0° Z	
evening max el	-11844 Apr 28 j 15:23	8° X 41'56	27°09'38	evening rise	-11843 Mar 08 j 17:11	0° Z 47'16	
desc. node	-11844 Apr 29 j 12:13	9° X 31'55			-11843 Mar 25 j 04:37	0° \approx	
retrograde	-11844 May 12 j 00:39	16° X 14'16		evening max el	-11843 Apr 11 j 01:25	21° \approx 37'52	27°27'08
evening set	-11844 May 18 j 20:44	13° X 29'07		desc. node	-11843 Apr 16 j 09:27	26° \approx 05'17	
min. Earth dist.	-11844 May 22 j 15:22	9° X 45'43	0.64734 AU	retrograde	-11843 Apr 24 j 19:58	29° \approx 11'57	
inferior conj	-11844 May 24 j 18:11	7° X 20'11	-3°18'53	evening set	-11843 May 01 j 18:39	26° \approx 39'54	
minimum elong	-11844 May 24 j 19:45	7° X 15'43	3°19'01	min. Earth dist.	-11843 May 05 j 10:36	23° \approx 26'55	0.63169 AU
morning rise	-11844 May 30 j 19:12	1° X 47'29		inferior conj	-11843 May 08 j 03:48	20° \approx 38'55	-3°27'46
direct	-11844 Jun 02 j 18:35	0° X 59'34		minimum elong	-11843 May 08 j 04:05	20° \approx 38'10	3°28'13
asc. node	-11844 Jun 08 j 13:37	3° X 49'12		morning rise	-11843 May 14 j 14:32	15° \approx 24'01	
morning max el	-11844 Jun 09 j 07:26	4° X 32'07	18°22'18	direct	-11843 May 17 j 08:53	14° \approx 46'28	
	-11844 Jun 26 j 08:01	0° Y		morning max el	-11843 May 23 j 21:05	18° \approx 09'10	18°04'15
morning set	-11844 Jun 28 j 09:17	3° Y 25'10		asc. node	-11843 May 26 j 10:25	21° \approx 02'52	
					-11843 Jun 01 j 11:31	0° X	
superior conj	-11844 Jul 12 j 16:00	26° Y 45'13	1°14'31	morning set	-11843 Jun 10 j 03:05	14° X 50'11	
minimum elong	-11844 Jul 12 j 22:37	27° Y 11'42	1°14'10		-11843 Jun 18 j 22:36	0° Y	
	-11844 Jul 14 j 16:47	0° Z					
max. Earth dist.	-11844 Jul 15 j 19:41	1° Z 47'02	1.44359 AU	superior conj	-11843 Jun 22 j 12:50	6° Y 00'49	1°39'54
desc. node	-11844 Jul 26 j 08:55	18° Z 24'43		minimum elong	-11843 Jun 22 j 17:08	6° Y 18'38	1°39'42
evening rise	-11844 Jul 29 j 07:20	23° Z 00'10		max. Earth dist.	-11843 Jun 28 j 09:32	15° Y 36'11	1.43468 AU
	-11844 Aug 02 j 18:59	0° II			-11843 Jul 07 j 11:28	0° Z	
greatest brilliancy	-11844 Aug 09 j 06:52	10° II 01'43	-0.7m	evening rise	-11843 Jul 08 j 09:28	1° Z 25'39	
evening max el	-11844 Aug 22 j 15:59	28° II 15'10	19°36'19	desc. node	-11843 Jul 13 j 06:21	8° Z 56'39	
	-11844 Aug 24 j 12:55	0° III			-11843 Jul 27 j 10:53	0° II	
retrograde	-11844 Aug 29 j 22:31	2° III 26'03		evening max el	-11843 Aug 05 j 18:33	11° II 42'14	20°37'39
evening set	-11844 Sep 02 j 08:04	1° III 19'03		retrograde	-11843 Aug 13 j 19:15	16° II 24'07	
	-11844 Sep 03 j 23:30	30° R II		evening set	-11843 Aug 17 j 15:50	14° II 58'55	
asc. node	-11844 Sep 04 j 14:21	29° II 23'24		asc. node	-11843 Aug 22 j 11:19	9° II 40'46	
inferior conj	-11844 Sep 07 j 22:41	25° II 22'55	1°02'52	inferior conj	-11843 Aug 23 j 01:16	8° II 53'49	0°11'01
minimum elong	-11844 Sep 07 j 21:15	25° II 27'34	1°02'59	minimum elong	-11843 Aug 23 j 01:00	8° II 54'42	0°11'32
min. Earth dist.	-11844 Sep 09 j 02:18	23° II 53'42	0.66075 AU	transit middle	-11843 Aug 23 j 01:00	8° II 54'42	0°11'32
morning rise	-11844 Sep 13 j 10:07	19° II 04'57		transit begin	-11843 Aug 22 j 23:04	9° II 01'15	
direct	-11844 Sep 19 j 09:06	16° II 32'59		transit end	-11843 Aug 23 j 02:57	8° II 48'08	
morning max el	-11844 Oct 01 j 14:52	23° II 44'40	25°44'12	min. Earth dist.	-11843 Aug 23 j 17:47	7° II 58'00	0.66753 AU
	-11844 Oct 07 j 06:19	0° III		morning rise	-11843 Aug 28 j 10:01	2° II 33'00	
desc. node	-11844 Oct 22 j 07:46	20° III 45'39		direct	-11843 Sep 02 j 18:34	0° II 16'51	
	-11844 Oct 28 j 04:04	0° IV		morning max el	-11843 Sep 14 j 00:41	7° II 00'21	24°26'43
morning set	-11844 Nov 06 j 16:16	16° IV 25'02			-11843 Oct 01 j 23:31	0° III	
max. Earth dist.	-11844 Nov 10 j 15:24	23° IV 48'12	1.36367 AU	desc. node	-11843 Oct 09 j 04:37	10° III 55'12	
	-11844 Nov 13 j 20:14	0° V		morning set	-11843 Oct 19 j 15:47	28° III 09'24	
					-11843 Oct 20 j 17:12	0° IV	
superior conj	-11844 Nov 16 j 03:40	4° V 35'19	-1°37'24	max. Earth dist.	-11843 Oct 23 j 15:53	5° IV 13'53	1.38217 AU
minimum elong	-11844 Nov 16 j 04:21	4° V 38'41	1°37'04				
evening rise	-11844 Nov 24 j 00:59	20° V 39'05		superior conj	-11843 Oct 30 j 12:09	17° IV 58'41	-1°37'32
	-11844 Nov 28 j 18:27	0° VI		minimum elong	-11843 Oct 30 j 11:16	17° IV 54'24	1°37'03
asc. node	-11844 Dec 01 j 12:43	5° VI 04'14			-11843 Nov 05 j 15:34	0° V	
evening max el	-11844 Dec 12 j 01:50	19° VI 38'20	20°01'09	evening rise	-11843 Nov 08 j 01:52	4° V 48'36	
retrograde	-11844 Dec 22 j 02:39	24° VI 21'23		asc. node	-11843 Nov 18 j 10:04	23° V 40'24	
evening set	-11844 Dec 24 j 17:09	24° VI 03'46			-11843 Nov 23 j 02:17	0° VI	
inferior conj	-11843 Jan 02 j 06:08	20° VI 01'13	3°35'29	evening max el	-11843 Nov 24 j 20:06	1° VI 49'22	19°03'23
minimum elong	-11843 Jan 02 j 11:19	19° VI 53'13	3°34'20	retrograde	-11843 Dec 03 j 11:13	5° VI 57'20	
min. Earth dist.	-11843 Jan 04 j 09:20	18° VI 42'25	0.56217 AU	evening set	-11843 Dec 05 j 23:15	5° VI 37'59	
morning rise	-11843 Jan 11 j 03:37	15° VI 27'48		inferior conj	-11843 Dec 13 j 23:37	1° VI 20'05	4°12'36
direct	-11843 Jan 15 j 06:31	14° VI 50'10		minimum elong	-11843 Dec 14 j 01:26	1° VI 16'53	4°12'31
desc. node	-11843 Jan 18 j 09:27	15° VI 12'25			-11843 Dec 15 j 21:03	30° R V	
morning max el	-11843 Jan 28 j 22:24	21° VI 38'26	23°47'24	min. Earth dist.	-11843 Dec 16 j 23:21	29° V 14'44	0.57601 AU
	-11843 Feb 05 j 03:14	0° VII		morning rise	-11843 Dec 22 j 01:36	26° V 22'11	
morning set	-11843 Feb 22 j 01:12	29° VII 50'02		direct	-11843 Dec 27 j 12:33	25° V 12'12	
	-11843 Feb 22 j 03:06	0° VIII		desc. node	-11842 Jan 05 j 06:08	28° V 06'12	
asc. node	-11843 Feb 27 j 10:28	11° VIII 20'07			-11842 Jan 07 j 21:01	0° VI	
				morning max el	-11842 Jan 10 j 13:11	2° VI 21'17	25°20'54
superior conj	-11843 Mar 01 j 02:52	14° VIII 57'19	0°15'57		-11842 Jan 30 j 00:44	0° VII	
minimum elong	-11843 Mar 01 j 02:12	14° VIII 53'47	0°15'10	morning set	-11842 Feb 06 j 13:39	14° VII 55'14	
behind sun begin	-11843 Mar 01 j 00:48	14° VIII 46'13					

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11842 Feb 13 j 12:54	29° \mathbb{M} 55'53	-0°07'28			-11841 Jan 05 j 12:45	0° $\underline{\mathbb{A}}$	
minimum elong	-11842 Feb 13 j 13:14	29° \mathbb{M} 57'42	0°07'58	morning set		-11841 Jan 22 j 00:37	29° $\underline{\mathbb{A}}$ 55'59	
behind sun begin	-11842 Feb 13 j 08:51	29° \mathbb{M} 33'52				-11841 Jan 22 j 01:23	0° \mathbb{M}	
behind sun end	-11842 Feb 13 j 17:37	0° \mathbb{A} 21'30						
	-11842 Feb 13 j 13:39	0° \mathbb{A}		superior conj		-11841 Jan 29 j 00:36	14° \mathbb{M} 59'44	-0°29'52
asc. node	-11842 Feb 14 j 07:40	1° \mathbb{A} 37'49		minimum elong		-11841 Jan 29 j 01:47	15° \mathbb{M} 06'10	0°30'06
max. Earth dist.	-11842 Feb 14 j 12:36	2° \mathbb{A} 04'30	1.33032 AU	max. Earth dist.		-11841 Jan 29 j 01:45	15° \mathbb{M} 05'59	1.32788 AU
evening rise	-11842 Feb 20 j 19:30	15° \mathbb{A} 23'14		asc. node		-11841 Feb 01 j 04:56	21° \mathbb{M} 55'14	
	-11842 Feb 28 j 08:37	0° \mathbb{B}		evening rise		-11841 Feb 05 j 02:46	0° \mathbb{A} 13'44	
	-11842 Mar 20 j 11:42	0° \approx				-11841 Feb 05 j 00:07	0° \mathbb{A}	
evening max el	-11842 Mar 24 j 08:03	4° \approx 03'05	27°12'41			-11841 Feb 21 j 15:21	0° \mathbb{B}	
desc. node	-11842 Apr 03 j 06:37	10° \approx 50'13		evening max el		-11841 Mar 06 j 09:34	15° \mathbb{B} 51'20	26°25'56
retrograde	-11842 Apr 07 j 08:32	11° \approx 34'05		retrograde		-11841 Mar 20 j 12:46	23° \mathbb{B} 13'52	
evening set	-11842 Apr 14 j 01:01	9° \approx 27'44		desc. node		-11841 Mar 21 j 03:43	23° \mathbb{B} 12'53	
min. Earth dist.	-11842 Apr 17 j 20:44	6° \approx 33'21	0.61295 AU	evening set		-11841 Mar 26 j 13:03	21° \mathbb{B} 41'48	
inferior conj	-11842 Apr 21 j 01:18	3° \approx 39'21	-3°19'57	min. Earth dist.		-11841 Mar 30 j 22:59	18° \mathbb{B} 51'10	0.59299 AU
minimum elong	-11842 Apr 20 j 23:49	3° \approx 42'45	3°20'24	inferior conj		-11841 Apr 03 j 07:04	16° \mathbb{B} 12'57	-2°49'31
	-11842 Apr 25 j 13:06	30° \mathbb{R} \mathbb{B}		minimum elong		-11841 Apr 03 j 03:54	16° \mathbb{B} 19'16	2°49'37
morning rise	-11842 Apr 28 j 00:32	28° \mathbb{B} 43'58		morning rise		-11841 Apr 10 j 21:38	11° \mathbb{B} 37'28	
direct	-11842 Apr 30 j 14:25	28° \mathbb{B} 15'29		direct		-11841 Apr 13 j 07:07	11° \mathbb{B} 16'41	
	-11842 May 05 j 11:02	0° \approx		morning max el		-11841 Apr 20 j 21:15	14° \mathbb{B} 56'37	18°24'15
morning max el	-11842 May 07 j 10:39	1° \approx 40'10	18°04'44	asc. node		-11841 Apr 30 j 04:08	27° \mathbb{B} 56'22	
asc. node	-11842 May 13 j 07:15	9° \approx 09'26				-11841 May 01 j 08:13	0° \approx	
morning set	-11842 May 23 j 17:38	27° \approx 15'59		morning set		-11841 May 07 j 00:06	10° \approx 31'03	
	-11842 May 25 j 05:37	0° \mathbb{H}						
				superior conj		-11841 May 16 j 13:23	28° \approx 28'00	1°45'24
superior conj	-11842 Jun 03 j 12:44	16° \mathbb{H} 37'05	1°49'08	minimum elong		-11841 May 16 j 11:25	28° \approx 18'58	1°44'57
minimum elong	-11842 Jun 03 j 13:18	16° \mathbb{H} 39'34	1°48'56			-11841 May 17 j 09:34	0° \mathbb{H}	
max. Earth dist.	-11842 Jun 10 j 17:53	28° \mathbb{H} 52'24	1.42029 AU	max. Earth dist.		-11841 May 23 j 20:19	11° \mathbb{H} 25'26	1.40250 AU
	-11842 Jun 11 j 10:14	0° \mathbb{Y}		evening rise		-11841 May 28 j 15:56	19° \mathbb{H} 34'06	
evening rise	-11842 Jun 17 j 13:49	9° \mathbb{Y} 57'46				-11841 Jun 04 j 02:50	0° \mathbb{Y}	
desc. node	-11842 Jun 30 j 03:48	29° \mathbb{Y} 18'13		desc. node		-11841 Jun 17 j 01:17	19° \mathbb{Y} 24'01	
	-11842 Jun 30 j 15:05	0° \mathbb{B}				-11841 Jun 24 j 21:13	0° \mathbb{B}	
evening max el	-11842 Jul 19 j 14:04	25° \mathbb{B} 04'58	21°51'04	evening max el		-11841 Jul 02 j 03:34	8° \mathbb{B} 24'56	23°12'05
	-11842 Jul 26 j 07:20	0° \mathbb{I}		retrograde		-11841 Jul 12 j 08:11	14° \mathbb{B} 28'05	
retrograde	-11842 Jul 28 j 14:59	0° \mathbb{I} 25'56		evening set		-11841 Jul 17 j 07:53	12° \mathbb{B} 21'15	
	-11842 Jul 30 j 19:50	30° \mathbb{R} \mathbb{B}		inferior conj		-11841 Jul 22 j 13:01	6° \mathbb{B} 06'36	-1°24'53
evening set	-11842 Aug 02 j 00:25	28° \mathbb{B} 40'14		minimum elong		-11841 Jul 22 j 14:39	6° \mathbb{B} 00'57	1°23'56
inferior conj	-11842 Aug 07 j 06:39	22° \mathbb{B} 29'02	-0°38'43	min. Earth dist.		-11841 Jul 22 j 08:26	6° \mathbb{B} 22'25	0.67234 AU
minimum elong	-11842 Aug 07 j 07:27	22° \mathbb{B} 26'18	0°37'53	asc. node		-11841 Jul 27 j 05:07	0° \mathbb{B} 26'00	
min. Earth dist.	-11842 Aug 07 j 12:39	22° \mathbb{B} 08'17	0.67140 AU	morning rise		-11841 Jul 27 j 21:20	29° \mathbb{Y} 51'22	
asc. node	-11842 Aug 09 j 08:14	19° \mathbb{B} 41'28				-11841 Jul 27 j 17:04	30° \mathbb{R} \mathbb{Y}	
morning rise	-11842 Aug 12 j 14:22	16° \mathbb{B} 09'10		direct		-11841 Aug 01 j 03:16	28° \mathbb{Y} 11'21	
direct	-11842 Aug 17 j 08:57	14° \mathbb{B} 11'00				-11841 Aug 06 j 00:29	0° \mathbb{B}	
morning max el	-11842 Aug 27 j 11:47	20° \mathbb{B} 16'32	23°02'54	morning max el		-11841 Aug 10 j 02:38	3° \mathbb{B} 34'09	21°40'52
	-11842 Sep 04 j 16:35	0° \mathbb{I}				-11841 Aug 29 j 19:15	0° \mathbb{I}	
	-11842 Sep 25 j 05:33	0° \mathbb{B}		morning set		-11841 Sep 10 j 10:47	17° \mathbb{I} 54'32	
desc. node	-11842 Sep 26 j 01:35	1° \mathbb{B} 19'26		desc. node		-11841 Sep 12 j 22:38	21° \mathbb{I} 52'53	
morning set	-11842 Sep 30 j 14:15	8° \mathbb{B} 39'09				-11841 Sep 17 j 22:22	0° \mathbb{B}	
max. Earth dist.	-11842 Oct 05 j 14:54	17° \mathbb{B} 05'55	1.40200 AU	max. Earth dist.		-11841 Sep 17 j 18:07	29° \mathbb{I} 42'30	1.42052 AU
	-11842 Oct 12 j 22:03	0° \mathbb{Q}						
				superior conj		-11841 Sep 25 j 00:28	11° \mathbb{B} 58'46	-1°08'05
superior conj	-11842 Oct 13 j 04:58	0° \mathbb{Q} 31'33	-1°28'31	minimum elong		-11841 Sep 24 j 20:16	11° \mathbb{B} 40'40	1°07'00
minimum elong	-11842 Oct 13 j 02:10	0° \mathbb{Q} 18'45	1°27'45			-11841 Oct 05 j 03:06	0° \mathbb{Q}	
evening rise	-11842 Oct 22 j 18:39	18° \mathbb{Q} 30'01		evening rise		-11841 Oct 05 j 23:47	1° \mathbb{Q} 34'16	
	-11842 Oct 28 j 22:46	0° \mathbb{P}		evening max el		-11841 Oct 22 j 09:07	27° \mathbb{Q} 34'35	18°08'35
asc. node	-11842 Nov 05 j 07:22	11° \mathbb{P} 30'33		asc. node		-11841 Oct 23 j 04:38	28° \mathbb{Q} 20'43	
evening max el	-11842 Nov 07 j 23:23	14° \mathbb{P} 30'42	18°25'55			-11841 Oct 25 j 10:11	0° \mathbb{P}	
retrograde	-11842 Nov 15 j 13:25	18° \mathbb{P} 15'47		retrograde		-11841 Oct 29 j 07:24	1° \mathbb{P} 08'28	
evening set	-11842 Nov 18 j 00:46	17° \mathbb{P} 53'04		evening set		-11841 Oct 31 j 19:51	0° \mathbb{P} 40'38	
inferior conj	-11842 Nov 25 j 12:22	13° \mathbb{P} 14'41	4°14'04			-11841 Nov 02 j 07:23	30° \mathbb{R} \mathbb{Q}	
minimum elong	-11842 Nov 25 j 10:45	13° \mathbb{P} 17'57	4°14'12	inferior conj		-11841 Nov 07 j 19:14	25° \mathbb{Q} 40'52	3°50'30
min. Earth dist.	-11842 Nov 28 j 17:21	10° \mathbb{P} 39'27	0.59369 AU	minimum elong		-11841 Nov 07 j 15:46	25° \mathbb{Q} 48'54	3°50'20
morning rise	-11842 Dec 02 j 19:00	7° \mathbb{P} 55'05		min. Earth dist.		-11841 Nov 10 j 18:24	22° \mathbb{Q} 56'22	0.61218 AU
direct	-11842 Dec 09 j 06:28	6° \mathbb{P} 07'00		morning rise		-11841 Nov 14 j 10:24	20° \mathbb{Q} 03'06	
desc. node	-11842 Dec 23 j 02:49	13° \mathbb{P} 15'46		direct		-11841 Nov 21 j 10:16	17° \mathbb{Q} 43'22	
morning max el	-11842 Dec 23 j 07:34	13° \mathbb{P} 27'04	26°36'23	morning max el		-11841 Dec 05 j 08:09	25° \mathbb{Q} 10'03	27°22'25

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

desc. node	-11841 Dec 09 j 23:29	0° \mathbb{M} 07'10			-11840 Nov 03 j 03:08	0° \mathcal{Q}	
	-11841 Dec 09 j 21:01	0° \mathbb{M}		morning max el	-11840 Nov 16 j 14:20	7° \mathcal{Q} 30'55	27°34'01
	-11841 Dec 29 j 18:24	0° \mathcal{L}		desc. node	-11840 Nov 25 j 20:08	18° \mathcal{Q} 11'26	
morning set	-11840 Jan 06 j 08:10	14° \mathcal{L} 45'17			-11840 Dec 04 j 00:58	0° \mathbb{M}	
max. Earth dist.	-11840 Jan 12 j 14:24	28° \mathcal{L} 03'38	1.32877 AU	morning set	-11840 Dec 20 j 09:58	29° \mathbb{M} 14'16	
	-11840 Jan 13 j 11:47	0° \mathbb{M}			-11840 Dec 20 j 19:02	0° \mathcal{L}	
				max. Earth dist.	-11840 Dec 25 j 22:49	10° \mathcal{L} 43'53	1.33328 AU
superior conj	-11840 Jan 13 j 12:18	0° \mathbb{M} 02'46	-0°50'33				
minimum elong	-11840 Jan 13 j 14:05	0° \mathbb{M} 12'31	0°50'33	superior conj	-11840 Dec 27 j 22:12	14° \mathcal{L} 57'50	-1°08'46
asc. node	-11840 Jan 19 j 02:13	12° \mathbb{M} 08'13		minimum elong	-11840 Dec 28 j 00:17	15° \mathcal{L} 09'02	1°08'38
evening rise	-11840 Jan 20 j 12:55	15° \mathbb{M} 11'41			-11839 Jan 03 j 22:19	0° \mathbb{M}	
	-11840 Jan 28 j 00:52	0° \mathcal{X}		evening rise	-11839 Jan 04 j 00:10	0° \mathbb{M} 09'43	
evening max el	-11840 Feb 16 j 05:55	27° \mathcal{X} 06'01	25°12'03	asc. node	-11839 Jan 04 j 23:32	2° \mathbb{M} 11'41	
	-11840 Feb 19 j 15:21	0° \mathcal{Z}			-11839 Jan 20 j 23:41	0° \mathcal{X}	
retrograde	-11840 Mar 01 j 06:17	4° \mathcal{Z} 11'31		evening max el	-11839 Jan 27 j 23:15	7° \mathcal{X} 59'41	23°41'31
evening set	-11840 Mar 06 j 06:29	3° \mathcal{Z} 13'11		retrograde	-11839 Feb 10 j 10:58	14° \mathcal{X} 36'27	
desc. node	-11840 Mar 07 j 00:45	2° \mathcal{Z} 54'36		evening set	-11839 Feb 14 j 09:41	14° \mathcal{X} 02'12	
min. Earth dist.	-11840 Mar 11 j 19:30	0° \mathcal{Z} 12'59	0.57463 AU	min. Earth dist.	-11839 Feb 21 j 12:10	10° \mathcal{X} 41'12	0.56100 AU
	-11840 Mar 12 j 03:17	30° \mathcal{R} \mathcal{X}		desc. node	-11839 Feb 21 j 21:41	10° \mathcal{X} 26'55	
inferior conj	-11840 Mar 14 j 18:01	28° \mathcal{X} 12'18	-1°50'40	inferior conj	-11839 Feb 23 j 09:24	9° \mathcal{X} 32'41	-0°22'42
minimum elong	-11840 Mar 14 j 14:35	28° \mathcal{X} 18'13	1°50'27	minimum elong	-11839 Feb 23 j 08:28	9° \mathcal{X} 34'07	0°23'01
morning rise	-11840 Mar 23 j 01:55	23° \mathcal{X} 54'53		morning rise	-11839 Mar 04 j 09:40	5° \mathcal{X} 27'45	
direct	-11840 Mar 25 j 07:25	23° \mathcal{X} 39'50		direct	-11839 Mar 06 j 13:57	5° \mathcal{X} 15'35	
morning max el	-11840 Apr 03 j 01:52	27° \mathcal{X} 49'32	19°03'17	morning max el	-11839 Mar 16 j 21:30	10° \mathcal{X} 08'29	20°02'07
	-11840 Apr 05 j 03:29	0° \mathcal{Z}			-11839 Mar 30 j 08:58	0° \mathcal{Z}	
asc. node	-11840 Apr 16 j 01:02	17° \mathcal{Z} 14'23		asc. node	-11839 Apr 02 j 21:59	6° \mathcal{Z} 55'10	
morning set	-11840 Apr 19 j 18:15	24° \mathcal{Z} 25'21		morning set	-11839 Apr 03 j 20:35	8° \mathcal{Z} 48'41	
	-11840 Apr 22 j 14:10	0° \approx					
superior conj	-11840 Apr 28 j 09:29	11° \approx 19'47	1°32'43	superior conj	-11839 Apr 11 j 19:48	24° \mathcal{Z} 57'31	1°14'23
minimum elong	-11840 Apr 28 j 06:29	11° \approx 05'28	1°31'56	minimum elong	-11839 Apr 11 j 16:54	24° \mathcal{Z} 43'00	1°13'22
max. Earth dist.	-11840 May 04 j 20:34	23° \approx 23'13	1.38380 AU	max. Earth dist.	-11839 Apr 14 j 08:58	0° \approx	
evening rise	-11840 May 08 j 21:42	0° \mathcal{H} 34'09		evening rise	-11839 Apr 17 j 00:16	5° \approx 05'43	1.36641 AU
	-11840 May 08 j 13:51	0° \mathcal{H}			-11839 Apr 21 j 03:23	12° \approx 47'54	
	-11840 May 27 j 09:32	0° \mathcal{Y}			-11839 May 01 j 02:54	0° \mathcal{H}	
desc. node	-11840 Jun 02 j 22:45	9° \mathcal{Y} 07'18		desc. node	-11839 May 20 j 20:12	28° \mathcal{H} 18'23	
evening max el	-11840 Jun 13 j 13:52	21° \mathcal{Y} 45'57	24°33'53		-11839 May 22 j 06:16	0° \mathcal{Y}	
retrograde	-11840 Jun 24 j 21:48	28° \mathcal{Y} 27'23		evening max el	-11839 May 26 j 23:37	5° \mathcal{Y} 08'09	25°48'16
evening set	-11840 Jun 30 j 12:19	26° \mathcal{Y} 01'00		retrograde	-11839 Jun 08 j 07:06	12° \mathcal{Y} 18'38	
min. Earth dist.	-11840 Jul 05 j 02:39	20° \mathcal{Y} 39'01	0.67013 AU	evening set	-11839 Jun 14 j 11:38	9° \mathcal{Y} 37'32	
inferior conj	-11840 Jul 05 j 18:36	19° \mathcal{Y} 45'13	-2°06'07	min. Earth dist.	-11839 Jun 18 j 16:57	4° \mathcal{Y} 54'44	0.66432 AU
minimum elong	-11840 Jul 05 j 20:46	19° \mathcal{Y} 37'53	2°05'16	inferior conj	-11839 Jun 19 j 21:31	3° \mathcal{Y} 22'40	-2°41'04
morning rise	-11840 Jul 11 j 05:10	13° \mathcal{Y} 38'13		minimum elong	-11839 Jun 19 j 23:51	3° \mathcal{Y} 15'09	2°40'31
asc. node	-11840 Jul 13 j 01:57	12° \mathcal{Y} 36'21			-11839 Jun 22 j 15:54	30° \mathcal{R} \mathcal{H}	
direct	-11840 Jul 15 j 00:14	12° \mathcal{Y} 15'11		morning rise	-11839 Jun 25 j 12:07	27° \mathcal{H} 27'04	
morning max el	-11840 Jul 22 j 23:27	16° \mathcal{Y} 57'12	20°27'10	direct	-11839 Jun 28 j 22:10	26° \mathcal{H} 19'19	
	-11840 Aug 02 j 03:19	0° \mathcal{B}		asc. node	-11839 Jun 29 j 22:43	26° \mathcal{H} 25'09	
morning set	-11840 Aug 19 j 15:01	26° \mathcal{B} 25'57			-11839 Jul 05 j 16:00	0° \mathcal{Y}	
	-11840 Aug 21 j 21:55	0° \mathbb{I}		morning max el	-11839 Jul 06 j 02:49	0° \mathcal{Y} 27'14	19°26'18
desc. node	-11840 Aug 29 j 19:45	12° \mathbb{I} 31'55			-11839 Jul 26 j 15:49	0° \mathcal{B}	
max. Earth dist.	-11840 Aug 30 j 04:02	13° \mathbb{I} 05'11	1.43515 AU	morning set	-11839 Jul 29 j 22:17	5° \mathcal{B} 07'59	
				max. Earth dist.	-11839 Aug 12 j 19:06	26° \mathcal{B} 59'36	1.44385 AU
					-11839 Aug 14 j 16:30	0° \mathbb{I}	
superior conj	-11840 Sep 04 j 17:26	22° \mathbb{I} 07'53	-0°35'01				
minimum elong	-11840 Sep 04 j 14:08	21° \mathbb{I} 54'18	0°33'56	superior conj	-11839 Aug 15 j 07:51	1° \mathbb{I} 01'09	0°08'15
	-11840 Sep 09 j 10:47	0° \mathcal{E}		minimum elong	-11839 Aug 15 j 08:53	1° \mathbb{I} 05'20	0°08'42
evening rise	-11840 Sep 17 j 12:47	13° \mathcal{E} 51'07		behind sun begin	-11839 Aug 14 j 23:19	0° \mathbb{I} 27'11	
	-11840 Sep 26 j 23:50	0° \mathcal{Q}		behind sun end	-11839 Aug 15 j 18:28	1° \mathbb{I} 43'29	
evening max el	-11840 Oct 04 j 22:14	10° \mathcal{Q} 53'19	18°10'25	desc. node	-11839 Aug 16 j 16:59	3° \mathbb{I} 13'24	
asc. node	-11840 Oct 09 j 01:51	13° \mathcal{Q} 54'58		evening rise	-11839 Aug 30 j 04:10	25° \mathbb{I} 07'30	
retrograde	-11840 Oct 11 j 13:25	14° \mathcal{Q} 26'12			-11839 Sep 02 j 02:53	0° \mathcal{E}	
evening set	-11840 Oct 14 j 04:52	13° \mathcal{Q} 51'09		evening max el	-11839 Sep 18 j 11:46	24° \mathcal{E} 20'41	18°30'24
inferior conj	-11840 Oct 20 j 17:05	8° \mathcal{Q} 31'33	3°11'38	retrograde	-11839 Sep 25 j 03:30	28° \mathcal{E} 01'39	
minimum elong	-11840 Oct 20 j 13:17	8° \mathcal{Q} 41'30	3°11'12	asc. node	-11839 Sep 25 j 23:00	27° \mathcal{E} 58'01	
min. Earth dist.	-11840 Oct 23 j 04:47	5° \mathcal{Q} 55'47	0.62932 AU	evening set	-11839 Sep 28 j 00:07	27° \mathcal{E} 16'47	
morning rise	-11840 Oct 26 j 20:48	2° \mathcal{Q} 38'17		inferior conj	-11839 Oct 04 j 02:36	21° \mathcal{E} 40'23	2°24'19
direct	-11840 Nov 02 j 21:50	29° \mathcal{E} 59'51		minimum elong	-11839 Oct 03 j 23:24	21° \mathcal{E} 49'36	2°23'56
	-11840 Nov 02 j 16:34	30° \mathcal{R} \mathcal{E}		min. Earth dist.	-11839 Oct 06 j 01:23	19° \mathcal{E} 25'20	0.64387 AU

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

morning rise	-11839 Oct 09 j 22:05	15°☿34'27		direct	-11838 Sep 29 j 17:04	26°♄06'56	
direct	-11839 Oct 16 j 16:17	12°☿50'35			-11838 Oct 08 j 12:32	0°☿	
morning max el	-11839 Oct 29 j 23:57	20°☿22'03	27°12'15	morning max el	-11838 Oct 12 j 10:22	3°☿30'06	26°22'29
	-11839 Nov 07 j 10:29	0°♌		desc. node	-11838 Oct 30 j 13:30	26°☿39'53	
desc. node	-11839 Nov 12 j 16:47	7°♌07'35			-11838 Nov 01 j 18:13	0°♌	
	-11839 Nov 27 j 00:29	0°♍		morning set	-11838 Nov 17 j 08:05	26°♌31'29	
morning set	-11839 Dec 04 j 03:12	13°♍13'46			-11838 Nov 19 j 04:10	0°♍	
max. Earth dist.	-11839 Dec 08 j 23:26	22°♍56'41	1.34176 AU	max. Earth dist.	-11838 Nov 21 j 13:25	4°♍37'21	1.35448 AU
superior conj	-11839 Dec 12 j 04:28	29°♍38'25	-1°23'38	superior conj	-11838 Nov 26 j 04:44	13°♍56'15	-1°34'02
minimum elong	-11839 Dec 12 j 06:25	29°♍48'43	1°23'25	minimum elong	-11838 Nov 26 j 06:03	14°♍02'58	1°33'45
	-11839 Dec 12 j 08:33	0°♎		evening rise	-11838 Dec 03 j 19:19	29°♍41'45	
evening rise	-11839 Dec 19 j 10:53	15°♎01'56			-11838 Dec 03 j 22:52	0°♎	
asc. node	-11839 Dec 22 j 20:53	22°♎00'15		asc. node	-11838 Dec 09 j 18:14	11°♎27'00	
	-11839 Dec 27 j 02:10	0°♏			-11838 Dec 22 j 15:10	0°♏	
evening max el	-11838 Jan 09 j 18:27	18°♏55'03	22°07'48	evening max el	-11838 Dec 22 j 20:50	0°♏13'26	20°42'52
retrograde	-11838 Jan 22 j 04:56	24°♏50'54		retrograde	-11837 Jan 02 j 19:52	5°♏22'02	
evening set	-11838 Jan 25 j 08:08	24°♏29'10		evening set	-11837 Jan 05 j 12:43	5°♏04'32	
inferior conj	-11838 Feb 03 j 10:15	20°♏22'47	1°21'43	inferior conj	-11837 Jan 14 j 08:06	1°♏05'28	2°55'53
minimum elong	-11838 Feb 03 j 13:40	20°♏17'54	1°20'08	minimum elong	-11837 Jan 14 j 13:53	0°♏56'58	2°54'08
min. Earth dist.	-11838 Feb 03 j 02:47	20°♏33'26	0.55473 AU	min. Earth dist.	-11837 Jan 15 j 16:32	0°♏17'53	0.55706 AU
desc. node	-11838 Feb 08 j 18:31	17°♏34'57			-11837 Jan 16 j 04:52	30°♏♊	
morning rise	-11838 Feb 12 j 19:47	16°♏17'56		morning rise	-11837 Jan 23 j 13:39	26°♊44'50	
direct	-11838 Feb 15 j 07:13	16°♏03'56		direct	-11837 Jan 26 j 22:33	26°♊19'50	
morning max el	-11838 Feb 27 j 06:09	21°♏47'44	21°19'37	desc. node	-11837 Jan 26 j 15:15	26°♊20'02	
	-11838 Mar 06 j 02:31	0°♋			-11837 Feb 05 j 19:35	0°♋	
morning set	-11838 Mar 19 j 04:24	23°♋32'58		morning max el	-11837 Feb 09 j 04:08	2°♋49'47	22°51'32
asc. node	-11838 Mar 20 j 19:00	26°♋52'47			-11837 Feb 27 j 10:40	0°♋	
	-11838 Mar 22 j 06:53	0°♌		morning set	-11837 Mar 03 j 15:30	8°♋30'58	
				asc. node	-11837 Mar 07 j 16:06	17°♋02'06	
superior conj	-11838 Mar 26 j 16:20	9°♌09'35	0°52'46	superior conj	-11837 Mar 10 j 19:59	23°♋46'19	0°29'33
minimum elong	-11838 Mar 26 j 14:08	8°♌58'08	0°51'43	minimum elong	-11837 Mar 10 j 18:44	23°♋39'41	0°28'38
max. Earth dist.	-11838 Mar 30 j 12:17	16°♌57'38	1.35186 AU	max. Earth dist.	-11837 Mar 13 j 10:27	29°♋14'53	1.34078 AU
evening rise	-11838 Apr 04 j 03:18	25°♌59'24			-11837 Mar 13 j 19:07	0°♌	
	-11838 Apr 06 j 06:36	0°♍		evening rise	-11837 Mar 18 j 16:25	9°♌53'49	
	-11838 Apr 24 j 12:23	0°♎			-11837 Mar 29 j 16:50	0°♍	
desc. node	-11838 May 07 j 17:36	16°♎43'53			-11837 Apr 20 j 07:12	0°♎	
evening max el	-11838 May 09 j 10:03	18°♎27'09	26°46'30	evening max el	-11837 Apr 21 j 20:43	1°♎34'47	27°20'48
retrograde	-11838 May 22 j 11:35	25°♎55'12		desc. node	-11837 Apr 24 j 14:54	4°♎05'26	
evening set	-11838 May 29 j 03:23	23°♎07'54		retrograde	-11837 May 05 j 10:44	9°♎09'39	
min. Earth dist.	-11838 Jun 02 j 01:08	19°♎04'04	0.65465 AU	evening set	-11837 May 12 j 08:47	6°♎28'13	
inferior conj	-11838 Jun 03 j 19:42	16°♎56'01	-3°08'00	min. Earth dist.	-11837 May 16 j 01:35	2°♎58'57	0.64104 AU
minimum elong	-11838 Jun 03 j 21:42	16°♎49'58	3°07'52	inferior conj	-11837 May 18 j 10:44	0°♎21'57	-3°24'27
morning rise	-11838 Jun 09 j 16:18	11°♎14'30		minimum elong	-11837 May 18 j 11:50	0°♎18'56	3°24'44
direct	-11838 Jun 12 j 19:04	10°♎20'01			-11837 May 18 j 18:43	30°♎♏	
asc. node	-11838 Jun 16 j 19:28	11°♎45'10		morning rise	-11837 May 24 j 15:35	24°♏56'43	
morning max el	-11838 Jun 19 j 11:45	14°♎02'47	18°40'50	direct	-11837 May 27 j 12:35	24°♏13'35	
	-11838 Jun 30 j 22:36	0°♏		morning max el	-11837 Jun 03 j 00:23	27°♏40'56	18°12'26
morning set	-11838 Jul 10 j 00:52	14°♏43'15		asc. node	-11837 Jun 03 j 16:15	28°♏22'06	
	-11838 Jul 19 j 12:27	0°♐			-11837 Jun 05 j 02:17	0°♐	
superior conj	-11838 Jul 25 j 07:59	9°♐14'43	0°52'52	morning set	-11837 Jun 21 j 04:49	25°♐28'54	
minimum elong	-11838 Jul 25 j 13:48	9°♐37'45	0°52'38		-11837 Jun 23 j 20:52	0°♏	
max. Earth dist.	-11838 Jul 26 j 11:49	11°♐04'53	1.44564 AU	superior conj	-11837 Jul 04 j 16:12	17°♏53'24	1°27'20
desc. node	-11838 Aug 03 j 14:18	23°♐53'38		minimum elong	-11837 Jul 04 j 22:16	18°♏18'00	1°27'02
	-11838 Aug 07 j 10:53	0°♑		max. Earth dist.	-11837 Jul 09 j 03:00	25°♏02'59	1.44048 AU
evening rise	-11838 Aug 10 j 16:50	5°♑09'08			-11837 Jul 12 j 05:43	0°♐	
	-11838 Aug 26 j 17:18	0°☿		evening rise	-11837 Jul 21 j 03:56	13°♐59'27	
evening max el	-11838 Sep 01 j 22:51	7°☿50'27	19°07'36	desc. node	-11837 Jul 21 j 11:42	14°♐29'40	
retrograde	-11838 Sep 08 j 22:09	11°☿48'13			-11837 Jul 31 j 13:41	0°♑	
evening set	-11838 Sep 12 j 02:14	10°☿50'23		greatest brilliancy	-11837 Aug 02 j 22:27	3°♑33'48	-0.7m
asc. node	-11838 Sep 12 j 20:04	10°☿20'27		evening max el	-11837 Aug 16 j 05:04	21°♑19'27	20°00'44
inferior conj	-11838 Sep 17 j 20:40	5°☿00'30	1°33'00	retrograde	-11837 Aug 23 j 18:44	25°♑42'44	
minimum elong	-11838 Sep 17 j 18:32	5°☿07'09	1°32'55	evening set	-11837 Aug 27 j 08:36	24°♑28'34	
min. Earth dist.	-11838 Sep 19 j 07:01	3°☿13'13	0.65542 AU	asc. node	-11837 Aug 30 j 17:04	21°♑13'28	
	-11838 Sep 22 j 02:38	30°♑♒		inferior conj	-11837 Sep 01 j 20:47	18°♑28'21	0°40'44
morning rise	-11838 Sep 23 j 10:25	28°♑45'34					

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

minimum elong	-11837 Sep 01 j 19:51	18° Π 31'26	0°41'02	transit middle	-11836 Aug 16 j 01:00	2° Π 00'12	0°09'45
min. Earth dist.	-11837 Sep 02 j 19:40	17° Π 12'48	0.66397 AU	transit begin	-11836 Aug 15 j 22:49	2° Π 07'39	
morning rise	-11837 Sep 07 j 06:50	12° Π 08'28		transit end	-11836 Aug 16 j 03:11	1° Π 52'44	
direct	-11837 Sep 12 j 23:45	9° Π 42'31		min. Earth dist.	-11836 Aug 16 j 12:53	1° Π 19'34	0.66955 AU
morning max el	-11837 Sep 24 j 20:11	16° Π 44'22	25°12'30	asc. node	-11836 Aug 16 j 14:01	1° Π 15'44	
	-11837 Oct 05 j 22:30	0° \mathfrak{D}			-11836 Aug 17 j 12:29	30° \mathfrak{R} 8	
desc. node	-11837 Oct 17 j 10:20	16° \mathfrak{D} 38'06		morning rise	-11836 Aug 21 j 08:54	25° \mathfrak{B} 40'05	
	-11837 Oct 25 j 16:47	0° \mathfrak{Q}		direct	-11836 Aug 26 j 11:32	23° \mathfrak{B} 31'10	
morning set	-11837 Oct 30 j 19:54	8° \mathfrak{Q} 54'10			-11836 Sep 06 j 06:22	0° Π	
max. Earth dist.	-11837 Nov 03 j 17:05	15° \mathfrak{Q} 58'30	1.37120 AU	morning max el	-11836 Sep 06 j 06:02	29° \mathfrak{B} 59'09	23°51'17
					-11836 Sep 28 j 20:15	0° \mathfrak{D}	
superior conj	-11837 Nov 09 j 20:05	27° \mathfrak{Q} 42'49	-1°38'27	desc. node	-11836 Oct 03 j 07:15	6° \mathfrak{D} 54'29	
minimum elong	-11837 Nov 09 j 20:10	27° \mathfrak{Q} 43'11	1°38'04	morning set	-11836 Oct 11 j 09:15	20° \mathfrak{D} 07'39	
	-11837 Nov 10 j 23:49	0° \mathfrak{P}		max. Earth dist.	-11836 Oct 15 j 15:53	27° \mathfrak{D} 31'06	1.39057 AU
evening rise	-11837 Nov 17 j 23:36	14° \mathfrak{P} 03'58			-11836 Oct 17 j 01:28	0° \mathfrak{Q}	
	-11837 Nov 26 j 09:50	0° \mathfrak{L}					
asc. node	-11837 Nov 26 j 15:36	0° \mathfrak{L} 24'22		superior conj	-11836 Oct 22 j 22:36	10° \mathfrak{Q} 46'53	-1°35'00
evening max el	-11837 Dec 05 j 09:22	12° \mathfrak{L} 05'44	19°34'10	minimum elong	-11836 Oct 22 j 20:54	10° \mathfrak{Q} 38'56	1°34'23
retrograde	-11837 Dec 14 j 19:00	16° \mathfrak{L} 31'59		evening rise	-11836 Oct 31 j 21:24	28° \mathfrak{Q} 02'29	
evening set	-11837 Dec 17 j 08:06	16° \mathfrak{L} 13'57			-11836 Nov 01 j 21:36	0° \mathfrak{P}	
inferior conj	-11837 Dec 25 j 15:55	12° \mathfrak{L} 06'20	3°56'06	asc. node	-11836 Nov 12 j 12:56	18° \mathfrak{P} 42'42	
minimum elong	-11837 Dec 25 j 19:52	11° \mathfrak{L} 59'54	3°55'29	evening max el	-11836 Nov 17 j 07:52	24° \mathfrak{P} 31'19	18°45'01
min. Earth dist.	-11837 Dec 28 j 06:04	10° \mathfrak{L} 25'48	0.56741 AU	retrograde	-11836 Nov 25 j 10:52	28° \mathfrak{P} 27'38	
morning rise	-11836 Jan 03 j 05:29	7° \mathfrak{L} 22'07		evening set	-11836 Nov 27 j 22:38	28° \mathfrak{P} 06'53	
direct	-11836 Jan 07 j 22:29	6° \mathfrak{L} 31'51		inferior conj	-11836 Dec 05 j 17:32	23° \mathfrak{P} 40'40	4°16'59
desc. node	-11836 Jan 13 j 11:57	7° \mathfrak{L} 42'53		minimum elong	-11836 Dec 05 j 17:45	23° \mathfrak{P} 40'14	4°17'06
morning max el	-11836 Jan 21 j 19:27	13° \mathfrak{L} 31'21	24°28'20	min. Earth dist.	-11836 Dec 08 j 21:15	21° \mathfrak{P} 20'19	0.58328 AU
	-11836 Feb 03 j 13:51	0° \mathfrak{M}		morning rise	-11836 Dec 13 j 10:59	18° \mathfrak{P} 33'29	
morning set	-11836 Feb 16 j 03:58	23° \mathfrak{M} 35'25		direct	-11836 Dec 19 j 09:59	17° \mathfrak{P} 07'10	
	-11836 Feb 19 j 04:14	0° \mathfrak{N}		desc. node	-11836 Dec 30 j 08:39	21° \mathfrak{P} 38'59	
asc. node	-11836 Feb 22 j 13:16	7° \mathfrak{N} 18'03		morning max el	-11835 Jan 02 j 11:00	24° \mathfrak{P} 21'04	25°55'56
					-11835 Jan 07 j 15:45	0° \mathfrak{L}	
superior conj	-11836 Feb 23 j 04:16	8° \mathfrak{N} 39'04	0°05'58		-11835 Jan 26 j 09:45	0° \mathfrak{M}	
minimum elong	-11836 Feb 23 j 04:02	8° \mathfrak{N} 37'50	0°05'18	morning set	-11835 Jan 30 j 16:03	8° \mathfrak{M} 40'06	
behind sun begin	-11836 Feb 22 j 23:11	8° \mathfrak{N} 11'41					
behind sun end	-11836 Feb 23 j 08:53	9° \mathfrak{N} 03'59		superior conj	-11835 Feb 06 j 15:15	23° \mathfrak{M} 41'08	-0°17'07
max. Earth dist.	-11836 Feb 24 j 17:09	11° \mathfrak{N} 57'35	1.33320 AU	minimum elong	-11835 Feb 06 j 15:58	23° \mathfrak{M} 45'02	0°17'30
evening rise	-11836 Mar 01 j 14:50	24° \mathfrak{N} 17'56		max. Earth dist.	-11835 Feb 07 j 05:15	24° \mathfrak{M} 57'23	1.32895 AU
	-11836 Mar 04 j 11:51	0° \mathfrak{Z}		asc. node	-11835 Feb 08 j 10:31	27° \mathfrak{M} 36'33	
	-11836 Mar 22 j 08:38	0° \mathfrak{A}			-11835 Feb 09 j 13:03	0° \mathfrak{N}	
evening max el	-11836 Apr 03 j 05:42	14° \mathfrak{A} 19'20	27°25'08	evening rise	-11835 Feb 13 j 19:37	9° \mathfrak{N} 01'56	
desc. node	-11836 Apr 10 j 12:08	19° \mathfrak{A} 56'52			-11835 Feb 24 j 21:53	0° \mathfrak{Z}	
retrograde	-11836 Apr 17 j 03:30	21° \mathfrak{A} 52'50		evening max el	-11835 Mar 16 j 10:37	26° \mathfrak{Z} 30'26	26°56'35
evening set	-11836 Apr 24 j 00:30	19° \mathfrak{A} 30'37			-11835 Mar 20 j 12:39	0° \mathfrak{A}	
min. Earth dist.	-11836 Apr 27 j 17:08	16° \mathfrak{A} 26'55	0.62394 AU	desc. node	-11835 Mar 28 j 09:17	3° \mathfrak{A} 45'41	
inferior conj	-11836 Apr 30 j 15:39	13° \mathfrak{A} 34'03	-3°26'52	retrograde	-11835 Mar 30 j 12:29	3° \mathfrak{A} 57'33	
minimum elong	-11836 Apr 30 j 15:13	13° \mathfrak{A} 35'05	3°27'22	evening set	-11835 Apr 05 j 23:18	2° \mathfrak{A} 05'28	
morning rise	-11836 May 07 j 07:20	8° \mathfrak{A} 27'03			-11835 Apr 09 j 00:57	30° \mathfrak{R} 3	
direct	-11836 May 09 j 23:39	7° \mathfrak{A} 53'34		min. Earth dist.	-11835 Apr 09 j 23:45	29° \mathfrak{Z} 14'23	0.60455 AU
morning max el	-11836 May 16 j 14:18	11° \mathfrak{A} 15'59	18°02'07	inferior conj	-11835 Apr 13 j 06:57	26° \mathfrak{Z} 24'38	-3°10'11
asc. node	-11836 May 20 j 13:03	15° \mathfrak{A} 59'46		minimum elong	-11835 Apr 13 j 04:41	26° \mathfrak{Z} 29'33	3°10'32
	-11836 May 29 j 04:27	0° \mathfrak{H}		morning rise	-11835 Apr 20 j 12:21	21° \mathfrak{Z} 37'25	
morning set	-11836 Jun 02 j 08:04	7° \mathfrak{H} 21'04		direct	-11835 Apr 23 j 00:29	21° \mathfrak{Z} 12'15	
				morning max el	-11835 Apr 30 j 02:54	24° \mathfrak{Z} 41'35	18°10'36
superior conj	-11836 Jun 14 j 00:17	27° \mathfrak{H} 42'01	1°45'40		-11835 May 04 j 12:38	0° \mathfrak{A}	
minimum elong	-11836 Jun 14 j 02:58	27° \mathfrak{H} 53'19	1°45'30	asc. node	-11835 May 07 j 09:55	4° \mathfrak{A} 24'48	
	-11836 Jun 15 j 09:02	0° \mathfrak{Y}		morning set	-11835 May 16 j 05:58	20° \mathfrak{A} 09'25	
max. Earth dist.	-11836 Jun 20 j 14:23	8° \mathfrak{Y} 38'25	1.42913 AU		-11835 May 21 j 13:40	0° \mathfrak{H}	
evening rise	-11836 Jun 29 j 04:00	22° \mathfrak{Y} 18'59					
	-11836 Jul 04 j 03:02	0° \mathfrak{B}		superior conj	-11835 May 26 j 11:16	8° \mathfrak{H} 51'11	1°48'53
desc. node	-11836 Jul 07 j 09:09	4° \mathfrak{B} 57'30		minimum elong	-11835 May 26 j 10:34	8° \mathfrak{H} 48'02	1°48'37
	-11836 Jul 25 j 00:43	0° Π		max. Earth dist.	-11835 Jun 02 j 20:37	21° \mathfrak{H} 38'35	1.41309 AU
evening max el	-11836 Jul 29 j 04:44	4° Π 44'47	21°07'43		-11835 Jun 07 j 21:52	0° \mathfrak{Y}	
retrograde	-11836 Aug 06 j 15:06	9° Π 42'14		evening rise	-11835 Jun 08 j 16:01	1° \mathfrak{Y} 13'32	
evening set	-11836 Aug 10 j 16:57	8° Π 08'38		desc. node	-11835 Jun 24 j 06:36	25° \mathfrak{Y} 12'52	
inferior conj	-11836 Aug 16 j 00:47	2° Π 00'55	-0°10'25		-11835 Jun 27 j 14:25	0° \mathfrak{B}	
minimum elong	-11836 Aug 16 j 01:00	2° Π 00'12	0°09'45	evening max el	-11835 Jul 11 j 21:34	18° \mathfrak{B} 06'07	22°25'00

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

retrograde	-11835 Jul 21 j 09:47	23° 8 44'21		retrograde	-11834 Jul 05 j 01:35	7° 8 46'09	
evening set	-11835 Jul 26 j 01:16	21° 8 49'29		evening set	-11834 Jul 10 j 07:41	5° 8 30'19	
inferior conj	-11835 Jul 31 j 06:47	15° 8 36'40	-0°58'49		-11834 Jul 14 j 23:49	30° 8 °	
minimum elong	-11835 Jul 31 j 07:58	15° 8 32'35	0°57'55	min. Earth dist.	-11834 Jul 15 j 03:38	29° 8 46'59	0.67180 AU
min. Earth dist.	-11835 Jul 31 j 08:18	15° 8 31'24	0.67222 AU	inferior conj	-11834 Jul 15 j 13:01	29° 8 14'49	-1°43'04
asc. node	-11835 Aug 03 j 10:55	11° 8 27'42		minimum elong	-11834 Jul 15 j 14:55	29° 8 08'17	1°42'08
morning rise	-11835 Aug 05 j 14:35	9° 8 18'37		morning rise	-11834 Jul 20 j 22:07	23° 8 02'54	
direct	-11835 Aug 10 j 03:39	7° 8 28'15		asc. node	-11834 Jul 21 j 07:45	22° 8 45'17	
morning max el	-11835 Aug 19 j 18:23	13° 8 15'05	22°27'23	direct	-11834 Jul 24 j 23:07	21° 8 30'31	
	-11835 Sep 02 j 00:28	0° 8 °		morning max el	-11834 Aug 02 j 11:45	26° 8 35'22	21°08'16
desc. node	-11835 Sep 20 j 04:14	27° 8 22'49			-11834 Aug 05 j 12:42	0° 8 °	
morning set	-11835 Sep 21 j 20:15	0° 8 03'34			-11834 Aug 26 j 13:44	0° 8 °	
	-11835 Sep 21 j 19:22	0° 8 °		morning set	-11834 Sep 01 j 08:02	8° 8 55'08	
max. Earth dist.	-11835 Sep 27 j 16:42	9° 8 42'46	1.41020 AU	desc. node	-11834 Sep 07 j 01:18	17° 8 59'04	
				max. Earth dist.	-11834 Sep 09 j 23:02	22° 8 41'02	1.42732 AU
					-11834 Sep 14 j 09:28	0° 8 °	
superior conj	-11835 Oct 05 j 07:04	22° 8 53'28	-1°21'23				
minimum elong	-11835 Oct 05 j 03:31	22° 8 37'40	1°20'27	superior conj	-11834 Sep 16 j 15:44	3° 8 48'10	-0°55'35
	-11835 Oct 09 j 05:21	0° 8 °		minimum elong	-11834 Sep 16 j 11:31	3° 8 30'21	0°54'26
evening rise	-11835 Oct 15 j 09:43	11° 8 29'08		evening rise	-11834 Sep 28 j 08:39	24° 8 14'56	
	-11835 Oct 25 j 20:48	0° 8 °			-11834 Oct 01 j 14:03	0° 8 °	
asc. node	-11835 Oct 30 j 10:14	6° 8 09'01		evening max el	-11834 Oct 15 j 01:39	20° 8 33'08	18°07'02
evening max el	-11835 Oct 31 j 14:13	7° 8 22'46	18°16'08	asc. node	-11834 Oct 17 j 07:28	22° 8 28'36	
retrograde	-11835 Nov 07 j 20:24	11° 8 01'56		retrograde	-11834 Oct 21 j 20:08	24° 8 05'51	
evening set	-11835 Nov 10 j 08:02	10° 8 37'11		evening set	-11834 Oct 24 j 09:28	23° 8 35'22	
inferior conj	-11835 Nov 17 j 14:16	5° 8 49'15	4°06'32	inferior conj	-11834 Oct 31 j 03:56	18° 8 26'45	3°35'27
minimum elong	-11835 Nov 17 j 11:40	5° 8 54'52	4°06'33	minimum elong	-11834 Oct 31 j 00:11	18° 8 35'58	3°35'08
min. Earth dist.	-11835 Nov 20 j 17:36	3° 8 07'58	0.60156 AU	min. Earth dist.	-11834 Nov 02 j 22:34	15° 8 44'00	0.61967 AU
morning rise	-11835 Nov 24 j 13:49	0° 8 21'41		morning rise	-11834 Nov 06 j 13:44	12° 8 41'43	
	-11835 Nov 25 j 05:04	30° 8 °		direct	-11834 Nov 13 j 15:04	10° 8 12'25	
direct	-11835 Dec 01 j 07:57	28° 8 19'15		morning max el	-11834 Nov 27 j 11:24	17° 8 41'54	27°31'41
	-11835 Dec 07 j 16:46	0° 8 °		desc. node	-11834 Dec 04 j 01:59	25° 8 00'44	
morning max el	-11835 Dec 15 j 07:59	5° 8 41'45	27°00'08		-11834 Dec 07 j 21:49	0° 8 °	
desc. node	-11835 Dec 17 j 05:19	7° 8 35'38			-11834 Dec 26 j 02:40	0° 8 °	
	-11834 Jan 02 j 12:24	0° 8 °		morning set	-11834 Dec 30 j 07:14	8° 8 18'29	
morning set	-11834 Jan 15 j 01:50	23° 8 36'58		max. Earth dist.	-11833 Jan 05 j 06:08	20° 8 51'09	1.33021 AU
	-11834 Jan 18 j 02:21	0° 8 °					
superior conj	-11834 Jan 22 j 03:09	8° 8 45'10	-0°38'53	superior conj	-11833 Jan 06 j 14:16	23° 8 45'03	-0°58'38
minimum elong	-11834 Jan 22 j 04:37	8° 8 53'12	0°39'00	minimum elong	-11833 Jan 06 j 16:13	23° 8 55'41	0°58'34
max. Earth dist.	-11834 Jan 21 j 18:51	7° 8 59'50	1.32790 AU		-11833 Jan 09 j 11:17	0° 8 °	
asc. node	-11834 Jan 26 j 07:48	17° 8 52'32		asc. node	-11833 Jan 13 j 05:05	8° 8 01'38	
evening rise	-11834 Jan 29 j 04:20	23° 8 56'22		evening rise	-11833 Jan 13 j 15:07	8° 8 54'25	
	-11834 Feb 01 j 03:25	0° 8 °			-11833 Jan 24 j 17:07	0° 8 °	
	-11834 Feb 19 j 06:30	0° 8 °		evening max el	-11833 Feb 08 j 04:02	19° 8 04'59	24°34'41
evening max el	-11834 Feb 26 j 09:44	8° 8 02'54	25°57'10	retrograde	-11833 Feb 22 j 00:40	26° 8 00'45	
retrograde	-11834 Mar 12 j 12:09	15° 8 19'07		evening set	-11833 Feb 26 j 13:42	25° 8 13'58	
desc. node	-11834 Mar 15 j 06:21	15° 8 00'19		desc. node	-11833 Mar 02 j 03:21	23° 8 38'23	
evening set	-11834 Mar 18 j 03:11	14° 8 01'47		min. Earth dist.	-11833 Mar 04 j 17:30	22° 8 06'15	0.56808 AU
min. Earth dist.	-11834 Mar 22 j 22:59	11° 8 08'49	0.58491 AU	inferior conj	-11833 Mar 07 j 07:21	20° 8 26'09	-1°16'33
inferior conj	-11834 Mar 26 j 04:59	8° 8 44'11	-2°28'17	minimum elong	-11833 Mar 07 j 04:36	20° 8 30'38	1°16'24
minimum elong	-11834 Mar 26 j 01:26	8° 8 50'49	2°28'11	morning rise	-11833 Mar 15 j 22:41	16° 8 15'29	
morning rise	-11834 Apr 03 j 02:49	4° 8 16'58		direct	-11833 Mar 18 j 02:55	16° 8 02'12	
direct	-11834 Apr 05 j 10:39	3° 8 58'48		morning max el	-11833 Mar 27 j 12:30	20° 8 28'42	19°25'57
morning max el	-11834 Apr 13 j 11:18	7° 8 49'03	18°38'27		-11833 Apr 03 j 22:48	0° 8 °	
asc. node	-11834 Apr 24 j 06:48	23° 8 25'49		asc. node	-11833 Apr 11 j 03:43	12° 8 53'56	
	-11834 Apr 27 j 19:29	0° 8 °		morning set	-11833 Apr 13 j 15:48	17° 8 49'28	
morning set	-11834 Apr 29 j 17:51	3° 8 42'20			-11833 Apr 19 j 18:10	0° 8 °	
superior conj	-11834 May 08 j 20:54	21° 8 10'07	1°40'54	superior conj	-11833 Apr 21 j 23:36	4° 8 22'54	1°25'29
minimum elong	-11834 May 08 j 18:20	20° 8 58'06	1°40'19	minimum elong	-11833 Apr 21 j 20:32	4° 8 07'59	1°24'35
	-11834 May 13 j 16:38	0° 8 °		max. Earth dist.	-11833 Apr 27 j 22:15	15° 8 41'50	1.37608 AU
max. Earth dist.	-11834 May 15 j 21:49	3° 8 56'07	1.39453 AU	evening rise	-11833 May 01 j 22:27	22° 8 57'48	
evening rise	-11834 May 20 j 05:54	11° 8 25'01			-11833 May 05 j 23:37	0° 8 °	
	-11834 May 31 j 18:54	0° 8 °			-11833 May 25 j 12:43	0° 8 °	
desc. node	-11834 Jun 11 j 04:04	15° 8 10'07		desc. node	-11833 May 29 j 01:32	4° 8 41'02	
	-11834 Jun 23 j 00:11	0° 8 °		evening max el	-11833 Jun 06 j 18:45	14° 8 46'27	25°06'57
evening max el	-11834 Jun 24 j 09:12	1° 8 25'44	23°47'11	retrograde	-11833 Jun 18 j 13:37	21° 8 42'29	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening set	-11833 Jun 24 j 10:12	19° Υ 08'57			-11832 May 21 j 04:06	0° Υ	
min. Earth dist.	-11833 Jun 28 j 20:29	14° Υ 03'23	0.66806 AU	retrograde	-11832 May 31 j 21:00	5° Υ 28'15	
inferior conj	-11833 Jun 29 j 17:41	12° Υ 53'00	-2°21'51	evening set	-11832 Jun 07 j 06:38	2° Υ 43'32	
minimum elong	-11833 Jun 29 j 19:58	12° Υ 45'23	2°21'06		-11832 Jun 09 j 22:28	30° \Re \mathfrak{H}	
morning rise	-11833 Jul 05 j 05:45	6° Υ 50'27		min. Earth dist.	-11832 Jun 11 j 08:36	28° \mathfrak{H} 17'12	0.66071 AU
asc. node	-11833 Jul 08 j 04:32	5° Υ 36'53		inferior conj	-11832 Jun 12 j 18:53	26° \mathfrak{H} 29'31	-2°53'38
direct	-11833 Jul 08 j 20:38	5° Υ 34'20		minimum elong	-11832 Jun 12 j 21:09	26° \mathfrak{H} 22'24	2°53'14
morning max el	-11833 Jul 16 j 11:24	10° Υ 01'20	19°59'30	morning rise	-11832 Jun 18 j 11:46	20° \mathfrak{H} 39'16	
	-11833 Jul 31 j 03:54	0° \mathfrak{B}		direct	-11832 Jun 21 j 18:29	19° \mathfrak{H} 37'22	
morning set	-11833 Aug 11 j 10:54	17° \mathfrak{B} 23'28		asc. node	-11832 Jun 24 j 01:17	20° \mathfrak{H} 05'54	
	-11833 Aug 19 j 11:55	0° Π		morning max el	-11832 Jun 28 j 17:15	23° \mathfrak{H} 33'40	19°04'49
max. Earth dist.	-11833 Aug 23 j 10:54	6° Π 17'01	1.43961 AU		-11832 Jul 03 j 22:55	0° Υ	
desc. node	-11833 Aug 24 j 22:27	8° Π 39'17		morning set	-11832 Jul 21 j 00:53	26° Υ 23'51	
					-11832 Jul 23 j 07:17	0° \mathfrak{B}	
superior conj	-11833 Aug 27 j 20:44	13° Π 22'27	-0°17'31	max. Earth dist.	-11832 Aug 05 j 02:39	20° \mathfrak{B} 16'42	1.44554 AU
minimum elong	-11833 Aug 27 j 18:54	13° Π 15'03	0°16'39				
	-11833 Sep 06 j 22:20	0° \mathfrak{E}		superior conj	-11832 Aug 06 j 02:45	21° \mathfrak{B} 52'05	0°27'44
evening rise	-11833 Sep 10 j 13:06	6° \mathfrak{E} 07'07		minimum elong	-11832 Aug 06 j 06:07	22° \mathfrak{B} 05'26	0°27'51
	-11833 Sep 25 j 08:07	0° Ω		desc. node	-11832 Aug 10 j 19:42	29° \mathfrak{B} 20'26	
evening max el	-11833 Sep 28 j 15:15	3° Ω 55'35	18°16'47		-11832 Aug 11 j 05:38	0° Π	
asc. node	-11833 Oct 04 j 04:37	7° Ω 25'04		evening rise	-11832 Aug 21 j 17:28	16° Π 52'06	
retrograde	-11833 Oct 05 j 05:54	7° Ω 30'55			-11832 Aug 29 j 20:07	0° \mathfrak{E}	
evening set	-11833 Oct 07 j 23:12	6° Ω 52'12		evening max el	-11832 Sep 11 j 04:08	17° \mathfrak{E} 24'34	18°44'16
inferior conj	-11833 Oct 14 j 07:07	1° Ω 25'21	2°52'15	retrograde	-11832 Sep 17 j 22:08	21° \mathfrak{E} 11'15	
minimum elong	-11833 Oct 14 j 03:29	1° Ω 35'16	2°51'49	asc. node	-11832 Sep 20 j 01:43	20° \mathfrak{E} 45'12	
	-11833 Oct 15 j 14:09	30° \Re \mathfrak{E}		evening set	-11832 Sep 20 j 21:43	20° \mathfrak{E} 21'15	
min. Earth dist.	-11833 Oct 16 j 13:29	28° \mathfrak{E} 56'50	0.63585 AU	inferior conj	-11832 Sep 26 j 20:34	14° \mathfrak{E} 38'57	2°02'47
morning rise	-11833 Oct 20 j 06:57	25° \mathfrak{E} 26'07		minimum elong	-11832 Sep 26 j 17:48	14° \mathfrak{E} 47'14	2°02'30
direct	-11833 Oct 27 j 05:55	22° \mathfrak{E} 43'29		min. Earth dist.	-11832 Sep 28 j 14:02	12° \mathfrak{E} 34'59	0.64922 AU
	-11833 Nov 09 j 12:34	0° Ω		morning rise	-11832 Oct 02 j 13:22	8° \mathfrak{E} 28'56	
morning max el	-11833 Nov 09 j 19:19	0° Ω 16'21	27°28'33	direct	-11832 Oct 09 j 03:15	5° \mathfrak{E} 45'55	
desc. node	-11833 Nov 20 j 22:38	13° Ω 28'47		morning max el	-11832 Oct 22 j 05:14	13° \mathfrak{E} 14'49	26°54'00
	-11833 Dec 01 j 20:20	0° \mathfrak{M}			-11832 Nov 04 j 22:17	0° Ω	
morning set	-11833 Dec 14 j 05:47	22° \mathfrak{M} 35'54		desc. node	-11832 Nov 06 j 19:19	2° Ω 41'35	
	-11833 Dec 17 j 21:14	0° $\underline{\Omega}$			-11832 Nov 23 j 09:36	0° \mathfrak{M}	
max. Earth dist.	-11833 Dec 19 j 11:23	3° $\underline{\Omega}$ 19'06	1.33628 AU	morning set	-11832 Nov 26 j 18:14	6° \mathfrak{M} 18'31	
				max. Earth dist.	-11832 Dec 01 j 07:25	15° \mathfrak{M} 16'19	1.34660 AU
superior conj	-11833 Dec 21 j 22:52	8° $\underline{\Omega}$ 34'35	-1°15'33				
minimum elong	-11833 Dec 22 j 00:57	8° $\underline{\Omega}$ 45'43	1°15'23	superior conj	-11832 Dec 05 j 02:54	23° \mathfrak{M} 06'19	-1°28'41
evening rise	-11833 Dec 29 j 02:18	23° $\underline{\Omega}$ 50'08		minimum elong	-11832 Dec 05 j 04:39	23° \mathfrak{M} 15'26	1°28'27
asc. node	-11833 Dec 31 j 02:25	27° $\underline{\Omega}$ 59'08			-11832 Dec 08 j 09:40	0° $\underline{\Omega}$	
	-11832 Jan 01 j 02:18	0° \mathfrak{M}		evening rise	-11832 Dec 12 j 12:15	8° $\underline{\Omega}$ 37'26	
	-11832 Jan 20 j 22:54	0° \mathfrak{J}		asc. node	-11832 Dec 16 j 23:46	17° $\underline{\Omega}$ 38'59	
evening max el	-11832 Jan 20 j 21:35	29° \mathfrak{M} 56'57	23°01'24		-11832 Dec 24 j 00:27	0° \mathfrak{M}	
retrograde	-11832 Feb 03 j 00:37	6° \mathfrak{J} 17'46		evening max el	-11831 Jan 01 j 19:28	11° \mathfrak{M} 00'18	21°30'11
evening set	-11832 Feb 06 j 13:35	5° \mathfrak{J} 50'24		retrograde	-11831 Jan 13 j 15:26	16° \mathfrak{M} 35'29	
min. Earth dist.	-11832 Feb 14 j 09:33	2° \mathfrak{J} 16'25	0.55724 AU	evening set	-11831 Jan 16 j 13:19	16° \mathfrak{M} 16'18	
inferior conj	-11832 Feb 15 j 15:37	1° \mathfrak{J} 32'20	0°20'56	inferior conj	-11831 Jan 25 j 13:31	12° \mathfrak{M} 15'41	2°04'37
minimum elong	-11832 Feb 15 j 16:29	1° \mathfrak{J} 31'04	0°20'04	minimum elong	-11831 Jan 25 j 18:25	12° \mathfrak{M} 08'41	2°02'46
desc. node	-11832 Feb 17 j 00:14	0° \mathfrak{J} 44'53		min. Earth dist.	-11831 Jan 25 j 23:44	12° \mathfrak{M} 01'06	0.55463 AU
	-11832 Feb 18 j 08:20	30° \Re \mathfrak{M}		desc. node	-11831 Feb 02 j 21:02	8° \mathfrak{M} 21'25	
morning rise	-11832 Feb 24 j 21:04	27° \mathfrak{M} 28'58		morning rise	-11831 Feb 03 j 23:05	8° \mathfrak{M} 05'44	
direct	-11832 Feb 27 j 02:44	27° \mathfrak{M} 16'50		direct	-11831 Feb 06 j 18:07	7° \mathfrak{M} 48'21	
	-11832 Mar 06 j 01:30	0° \mathfrak{J}		morning max el	-11831 Feb 19 j 07:25	13° \mathfrak{M} 53'17	21°57'22
morning max el	-11832 Mar 09 j 03:42	2° \mathfrak{J} 31'48	20°32'54		-11831 Mar 03 j 06:42	0° \mathfrak{J}	
	-11832 Mar 26 j 16:34	0° \mathfrak{Z}		morning set	-11831 Mar 12 j 06:18	17° \mathfrak{J} 13'54	
morning set	-11832 Mar 27 j 20:47	2° \mathfrak{Z} 22'54		asc. node	-11831 Mar 14 j 21:47	22° \mathfrak{J} 45'55	
asc. node	-11832 Mar 28 j 00:42	2° \mathfrak{Z} 42'47			-11831 Mar 18 j 08:05	0° \mathfrak{Z}	
superior conj	-11832 Apr 04 j 14:44	18° \mathfrak{Z} 16'56	1°05'31	superior conj	-11831 Mar 19 j 14:38	2° \mathfrak{Z} 40'17	0°43'02
minimum elong	-11832 Apr 04 j 12:04	18° \mathfrak{Z} 03'24	1°04'27	minimum elong	-11831 Mar 19 j 12:48	2° \mathfrak{Z} 30'44	0°42'02
max. Earth dist.	-11832 Apr 09 j 04:55	27° \mathfrak{Z} 25'23	1.35984 AU	max. Earth dist.	-11831 Mar 22 j 21:35	9° \mathfrak{Z} 28'22	1.34676 AU
	-11832 Apr 10 j 12:53	0° \approx		evening rise	-11831 Mar 27 j 18:48	19° \mathfrak{Z} 10'34	
evening rise	-11832 Apr 13 j 12:40	5° \approx 38'59			-11831 Apr 02 j 14:30	0° \approx	
	-11832 Apr 27 j 19:12	0° \mathfrak{H}			-11831 Apr 21 j 20:31	0° \mathfrak{H}	
desc. node	-11832 May 14 j 22:57	23° \mathfrak{H} 34'54		evening max el	-11831 May 01 j 15:51	11° \mathfrak{H} 25'04	27°04'24
evening max el	-11832 May 19 j 04:53	28° \mathfrak{H} 08'44	26°15'30	desc. node	-11831 May 01 j 20:19	11° \mathfrak{H} 35'59	

retrograde	-11831 May 14 j 23:09	18° H° 56'13			-11830 Apr 21 j 05:34	0° H°	
evening set	-11831 May 21 j 18:21	16° H° 10'09		retrograde	-11830 Apr 27 j 19:29	1° H° 58'24	
min. Earth dist.	-11831 May 25 j 13:44	12° H° 21'38	0.64942 AU		-11830 May 03 j 21:20	30° R°	
inferior conj	-11831 May 27 j 14:23	10° H° 00'27	-3°16'27	evening set	-11830 May 04 j 18:21	29° \approx 23'21	
minimum elong	-11831 May 27 j 16:05	9° H° 55'31	3°16'30	min. Earth dist.	-11830 May 08 j 10:16	26° \approx 06'38	0.63421 AU
morning rise	-11831 Jun 02 j 14:11	4° H° 25'23		inferior conj	-11830 May 11 j 01:30	23° \approx 20'57	-3°27'28
direct	-11831 Jun 05 j 14:27	3° H° 35'46		minimum elong	-11830 May 11 j 02:01	23° \approx 19'34	3°27'52
asc. node	-11831 Jun 10 j 22:05	6° H° 00'29		morning rise	-11830 May 17 j 10:38	18° \approx 03'25	
morning max el	-11831 Jun 12 j 03:58	7° H° 10'29	18°26'31	direct	-11830 May 20 j 05:39	17° \approx 24'28	
	-11831 Jun 27 j 16:12	0° Y°		morning max el	-11830 May 26 j 17:30	20° \approx 47'58	18°05'49
morning set	-11831 Jul 01 j 14:16	6° Y° 29'12		asc. node	-11830 May 28 j 18:54	23° \approx 04'55	
					-11830 Jun 02 j 16:30	0° H°	
superior conj	-11831 Jul 16 j 03:36	0° G° 08'23	1°09'17	morning set	-11830 Jun 13 j 04:37	17° H° 44'12	
minimum elong	-11831 Jul 16 j 10:11	0° G° 34'40	1°08'57		-11830 Jun 20 j 08:16	0° Y°	
	-11831 Jul 16 j 01:29	0° G°					
max. Earth dist.	-11831 Jul 18 j 19:32	4° G° 22'45	1.44436 AU	superior conj	-11830 Jun 25 j 20:51	9° Y° 13'24	1°37'09
desc. node	-11831 Jul 28 j 17:03	19° G° 59'21		minimum elong	-11830 Jun 26 j 01:41	9° Y° 33'19	1°36'56
evening rise	-11831 Aug 01 j 18:31	26° G° 21'44		max. Earth dist.	-11830 Jul 01 j 09:56	18° Y° 15'03	1.43636 AU
	-11831 Aug 04 j 02:14	0° II°			-11830 Jul 08 j 19:35	0° G°	
greatest brilliancy	-11831 Aug 11 j 20:23	12° II° 04'10	-0.8m	evening rise	-11830 Jul 11 j 22:22	4° G° 51'49	
	-11831 Aug 24 j 16:49	0° G°		desc. node	-11830 Jul 15 j 14:28	10° G° 32'16	
evening max el	-11831 Aug 25 j 13:30	0° G° 55'02	19°28'23		-11830 Jul 28 j 13:34	0° II°	
retrograde	-11831 Sep 01 j 17:54	5° G° 02'11		evening max el	-11830 Aug 08 j 17:02	14° II° 22'16	20°27'39
evening set	-11831 Sep 05 j 01:59	3° G° 57'37		retrograde	-11830 Aug 16 j 14:43	18° II° 59'16	
asc. node	-11831 Sep 06 j 22:45	2° G° 27'17		evening set	-11830 Aug 20 j 09:29	17° II° 37'00	
	-11831 Sep 09 j 04:16	30° R° II°		asc. node	-11830 Aug 24 j 19:46	12° II° 52'18	
inferior conj	-11831 Sep 10 j 17:32	28° II° 02'55	1°10'48	inferior conj	-11830 Aug 25 j 19:34	11° II° 32'58	0°18'48
minimum elong	-11831 Sep 10 j 15:54	28° II° 08'07	1°10'52	minimum elong	-11830 Aug 25 j 19:08	11° II° 34'26	0°19'15
min. Earth dist.	-11831 Sep 11 j 22:49	26° II° 29'03	0.65946 AU	min. Earth dist.	-11830 Aug 26 j 13:41	10° II° 32'03	0.66669 AU
morning rise	-11831 Sep 16 j 05:30	21° II° 45'39		morning rise	-11830 Aug 31 j 04:35	5° II° 12'14	
direct	-11831 Sep 22 j 06:30	19° II° 11'54		direct	-11830 Sep 05 j 15:15	2° II° 53'30	
morning max el	-11831 Oct 04 j 15:27	26° II° 26'45	25°54'42	morning max el	-11830 Sep 17 j 01:19	9° II° 42'20	24°38'51
	-11831 Oct 07 j 23:32	0° G°			-11830 Oct 03 j 03:55	0° G°	
desc. node	-11831 Oct 24 j 16:05	22° G° 26'21		desc. node	-11830 Oct 11 j 12:55	12° G° 32'54	
	-11831 Oct 29 j 12:03	0° Q°			-11830 Oct 22 j 03:28	0° Q°	
morning set	-11831 Nov 09 j 16:30	19° Q° 14'35		morning set	-11830 Oct 22 j 19:23	1° Q° 09'13	
max. Earth dist.	-11831 Nov 13 j 17:02	26° Q° 47'47	1.36120 AU	max. Earth dist.	-11830 Oct 26 j 18:10	8° Q° 11'08	1.37928 AU
	-11831 Nov 15 j 08:45	0° P°					
				superior conj	-11830 Nov 02 j 10:12	20° Q° 41'50	-1°38'05
superior conj	-11831 Nov 18 j 23:49	7° P° 12'23	-1°36'44	minimum elong	-11830 Nov 02 j 09:35	20° Q° 38'49	1°37'37
minimum elong	-11831 Nov 19 j 00:41	7° P° 16'43	1°36'26		-11830 Nov 07 j 03:53	0° P°	
evening rise	-11831 Nov 26 j 19:14	23° P° 11'00		evening rise	-11830 Nov 10 j 21:04	7° P° 23'47	
	-11831 Nov 30 j 04:56	0° L°		asc. node	-11830 Nov 20 j 18:28	25° P° 36'13	
asc. node	-11831 Dec 03 j 21:08	6° L° 54'21			-11830 Nov 23 j 18:15	0° L°	
evening max el	-11831 Dec 15 j 01:58	22° L° 32'10	20°11'19	evening max el	-11830 Nov 27 j 18:45	4° L° 38'11	19°10'41
retrograde	-11831 Dec 25 j 08:27	27° L° 21'40		retrograde	-11830 Dec 06 j 14:29	8° L° 50'34	
evening set	-11831 Dec 27 j 23:25	27° L° 04'09		evening set	-11830 Dec 09 j 02:40	8° L° 31'39	
inferior conj	-11830 Jan 05 j 14:09	23° L° 02'48	3°26'20	inferior conj	-11830 Dec 17 j 04:59	4° L° 16'38	4°09'31
minimum elong	-11830 Jan 05 j 19:37	22° L° 54'29	3°25'02	minimum elong	-11830 Dec 17 j 07:23	4° L° 12'30	4°09'18
min. Earth dist.	-11830 Jan 07 j 12:51	21° L° 51'56	0.56063 AU	min. Earth dist.	-11830 Dec 20 j 02:45	2° L° 17'08	0.57365 AU
morning rise	-11830 Jan 14 j 14:04	18° L° 32'55			-11830 Dec 23 j 23:57	30° R° P°	
direct	-11830 Jan 18 j 12:03	17° L° 59'05		morning rise	-11830 Dec 25 j 10:00	29° P° 22'02	
desc. node	-11830 Jan 20 j 17:48	18° L° 10'29		direct	-11830 Dec 30 j 16:26	28° P° 17'26	
morning max el	-11830 Feb 01 j 01:47	24° L° 42'59	23°32'58		-11829 Jan 06 j 08:26	0° L°	
	-11830 Feb 05 j 21:22	0° M°		desc. node	-11829 Jan 07 j 14:30	0° L° 40'56	
	-11830 Feb 23 j 16:12	0° J°		morning max el	-11829 Jan 13 j 16:33	5° L° 24'39	25°07'46
morning set	-11830 Feb 24 j 18:14	2° J° 15'20			-11829 Jan 31 j 09:48	0° M°	
asc. node	-11830 Mar 01 j 18:56	12° J° 58'20		morning set	-11829 Feb 09 j 06:45	17° M° 20'24	
					-11829 Feb 15 j 04:07	0° J°	
superior conj	-11830 Mar 03 j 20:31	17° J° 24'17	0°19'31				
minimum elong	-11830 Mar 03 j 19:42	17° J° 19'56	0°18'43	superior conj	-11829 Feb 16 j 06:10	2° J° 21'29	-0°03'59
max. Earth dist.	-11830 Mar 05 j 23:53	21° J° 57'29	1.33714 AU	minimum elong	-11829 Feb 16 j 06:21	2° J° 22'30	0°04'31
	-11830 Mar 09 j 20:52	0° Z°		behind sun begin	-11829 Feb 16 j 01:29	1° J° 56'03	
evening rise	-11830 Mar 11 j 12:17	3° Z° 18'23		behind sun end	-11829 Feb 16 j 11:14	2° J° 48'56	
	-11830 Mar 26 j 10:10	0° \approx		asc. node	-11829 Feb 16 j 16:08	3° J° 15'35	
evening max el	-11830 Apr 14 j 02:04	24° \approx 23'53	27°26'29	max. Earth dist.	-11829 Feb 17 j 09:11	4° J° 47'49	1.33092 AU
desc. node	-11830 Apr 18 j 17:37	28° \approx 22'44		evening rise	-11829 Feb 23 j 13:40	17° J° 51'23	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11829 Mar 01 j 19:01	0°♂				-11828 Feb 22 j 18:46	0°♂	
	-11829 Mar 21 j 03:08	0°♂		evening max el		-11828 Mar 08 j 11:47	18°♂48'16	26°34'53
evening max el	-11829 Mar 27 j 09:19	6°♂54'06	27°17'01	retrograde		-11828 Mar 22 j 14:55	26°♂12'14	
desc. node	-11829 Apr 05 j 14:51	13°♂26'19		desc. node		-11828 Mar 22 j 12:00	26°♂12'11	
retrograde	-11829 Apr 10 j 09:19	14°♂26'18		evening set		-11828 Mar 28 j 18:06	24°♂35'00	
evening set	-11829 Apr 17 j 03:17	12°♂15'26		min. Earth dist.		-11828 Apr 02 j 01:13	21°♂44'37	0.59592 AU
min. Earth dist.	-11829 Apr 20 j 21:49	9°♂19'08	0.61580 AU	inferior conj		-11828 Apr 05 j 09:24	19°♂02'44	-2°55'54
inferior conj	-11829 Apr 24 j 01:03	6°♂24'37	-3°22'30	minimum elong		-11828 Apr 05 j 06:26	19°♂08'46	2°56'04
minimum elong	-11829 Apr 23 j 23:51	6°♂27'25	3°23'00	morning rise		-11828 Apr 12 j 21:29	14°♂24'07	
morning rise	-11829 Apr 30 j 22:15	1°♂26'18		direct		-11828 Apr 15 j 07:38	14°♂02'16	
direct	-11829 May 03 j 12:43	0°♂56'37		morning max el		-11828 Apr 22 j 18:27	17°♂39'11	18°20'06
morning max el	-11829 May 10 j 07:16	4°♂20'24	18°03'30	asc. node		-11828 May 01 j 12:35	29°♂45'37	
asc. node	-11829 May 15 j 15:45	11°♂04'21				-11828 May 01 j 15:57	0°♂	
morning set	-11829 May 26 j 16:26	0°♂01'43		morning set		-11828 May 08 j 20:47	13°♂09'54	
	-11829 May 26 j 16:03	0°♂				-11828 May 17 j 20:53	0°♂	
superior conj	-11829 Jun 06 j 16:44	19°♂37'39	1°48'40	superior conj		-11828 May 18 j 13:58	1°♂17'46	1°46'39
minimum elong	-11829 Jun 06 j 17:49	19°♂42'21	1°48'30	minimum elong		-11828 May 18 j 12:16	1°♂10'04	1°46'14
	-11829 Jun 12 j 19:44	0°♂		max. Earth dist.		-11828 May 25 j 22:13	14°♂15'40	1.40528 AU
max. Earth dist.	-11829 Jun 13 j 18:57	1°♂36'04	1.42269 AU	evening rise		-11828 May 30 j 23:04	22°♂43'07	
evening rise	-11829 Jun 21 j 00:55	13°♂18'40				-11828 Jun 04 j 11:03	0°♂	
	-11829 Jul 01 j 21:02	0°♂		desc. node		-11828 Jun 18 j 09:25	21°♂04'06	
desc. node	-11829 Jul 02 j 11:56	0°♂55'40				-11828 Jun 24 j 20:36	0°♂	
evening max el	-11829 Jul 22 j 13:36	27°♂45'37	21°39'30	evening max el		-11828 Jul 04 j 03:56	11°♂05'57	22°59'47
	-11829 Jul 24 j 23:22	0°♂		retrograde		-11828 Jul 14 j 04:16	17°♂02'32	
retrograde	-11829 Jul 31 j 10:41	3°♂00'27		evening set		-11828 Jul 19 j 01:48	14°♂58'52	
evening set	-11829 Aug 04 j 18:04	1°♂18'02		inferior conj		-11828 Jul 24 j 06:58	8°♂44'41	-1°18'10
	-11829 Aug 06 j 03:50	30°♂		minimum elong		-11828 Jul 24 j 08:30	8°♂39'25	1°17'13
inferior conj	-11829 Aug 10 j 00:40	25°♂07'38	-0°31'22	min. Earth dist.		-11828 Jul 24 j 04:01	8°♂54'54	0.67243 AU
minimum elong	-11829 Aug 10 j 01:19	25°♂05'23	0°30'35	asc. node		-11828 Jul 28 j 13:33	3°♂25'47	
min. Earth dist.	-11829 Aug 10 j 08:16	24°♂41'24	0.67104 AU	morning rise		-11828 Jul 29 j 15:06	2°♂28'35	
asc. node	-11829 Aug 11 j 16:42	22°♂51'24		direct		-11828 Aug 02 j 22:52	0°♂45'49	
morning rise	-11829 Aug 15 j 08:25	18°♂47'16		morning max el		-11828 Aug 12 j 02:03	6°♂14'44	21°52'40
direct	-11829 Aug 20 j 05:03	16°♂46'15				-11828 Aug 30 j 00:57	0°♂	
morning max el	-11829 Aug 30 j 12:00	22°♂57'55	23°15'20	morning set		-11828 Sep 12 j 21:53	21°♂15'26	
	-11829 Sep 05 j 14:54	0°♂		desc. node		-11828 Sep 14 j 06:50	23°♂27'01	
	-11829 Sep 26 j 13:30	0°♂				-11828 Sep 18 j 07:44	0°♂	
desc. node	-11829 Sep 28 j 09:49	2°♂54'47		max. Earth dist.		-11828 Sep 19 j 19:10	2°♂26'13	1.41797 AU
morning set	-11829 Oct 03 j 21:46	11°♂50'04						
max. Earth dist.	-11829 Oct 08 j 16:40	19°♂56'02	1.39907 AU	superior conj		-11828 Sep 27 j 04:46	15°♂01'09	-1°12'00
	-11829 Oct 14 j 09:14	0°♂		minimum elong		-11828 Sep 27 j 00:41	14°♂43'23	1°10'57
						-11828 Oct 05 j 13:38	0°♂	
superior conj	-11829 Oct 16 j 05:40	3°♂22'50	-1°30'36	evening rise		-11828 Oct 07 j 22:22	4°♂19'57	
minimum elong	-11829 Oct 16 j 03:09	3°♂11'15	1°29'51			-11828 Oct 23 j 23:12	0°♂	
evening rise	-11829 Oct 25 j 15:13	21°♂09'22		evening max el		-11828 Oct 24 j 05:52	0°♂16'49	18°09'56
	-11829 Oct 30 j 07:34	0°♂		asc. node		-11828 Oct 24 j 13:01	0°♂34'16	
asc. node	-11829 Nov 07 j 15:46	13°♂33'56		retrograde		-11828 Oct 31 j 05:50	3°♂51'36	
evening max el	-11829 Nov 10 j 20:53	17°♂15'29	18°30'14	evening set		-11828 Nov 02 j 18:04	3°♂24'34	
retrograde	-11829 Nov 18 j 13:57	21°♂02'59				-11828 Nov 08 j 01:43	30°♂	
evening set	-11829 Nov 21 j 01:21	20°♂40'50		inferior conj		-11828 Nov 09 j 19:11	28°♂27'50	3°55'15
inferior conj	-11829 Nov 28 j 14:51	16°♂05'45	4°15'43	minimum elong		-11828 Nov 09 j 15:53	28°♂35'20	3°55'08
minimum elong	-11829 Nov 28 j 13:40	16°♂08'06	4°15'51	min. Earth dist.		-11828 Nov 12 j 19:38	25°♂43'38	0.60947 AU
min. Earth dist.	-11829 Dec 01 j 19:59	13°♂33'36	0.59095 AU	morning rise		-11828 Nov 16 j 12:24	22°♂52'45	
morning rise	-11829 Dec 06 j 00:09	10°♂49'17		direct		-11828 Nov 23 j 11:13	20°♂37'07	
direct	-11829 Dec 12 j 08:50	9°♂06'34		morning max el		-11828 Dec 07 j 09:36	28°♂02'32	27°17'43
desc. node	-11829 Dec 25 j 11:10	15°♂32'07				-11828 Dec 09 j 08:13	0°♂	
morning max el	-11829 Dec 26 j 10:00	16°♂25'21	26°26'46	desc. node		-11828 Dec 11 j 07:48	2°♂10'19	
	-11828 Jan 06 j 14:28	0°♂				-11828 Dec 30 j 04:06	0°♂	
	-11828 Jan 23 j 14:37	0°♂		morning set		-11827 Jan 08 j 02:12	17°♂13'45	
morning set	-11828 Jan 24 j 18:01	2°♂22'06				-11827 Jan 14 j 02:13	0°♂	
				max. Earth dist.		-11827 Jan 14 j 11:10	0°♂48'43	1.32847 AU
superior conj	-11828 Jan 31 j 17:43	17°♂24'55	-0°26'34					
minimum elong	-11828 Jan 31 j 18:46	17°♂30'43	0°26'50	superior conj		-11827 Jan 15 j 05:29	2°♂28'34	-0°47'33
max. Earth dist.	-11828 Jan 31 j 22:06	17°♂48'55	1.32803 AU	minimum elong		-11827 Jan 15 j 07:12	2°♂37'56	0°47'35
asc. node	-11828 Feb 03 j 13:22	23°♂33'13		asc. node		-11827 Jan 20 j 10:38	13°♂47'19	
	-11828 Feb 06 j 13:41	0°♂		evening rise		-11827 Jan 22 j 06:10	17°♂37'51	
evening rise	-11828 Feb 07 j 20:20	2°♂40'18				-11827 Jan 28 j 10:48	0°♂	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11827 Feb 18 j 05:46	0°♂		asc. node	-11826 Jan 07 j 07:56	3°♂52'21	
evening max el	-11827 Feb 18 j 08:50	0°♂07'19	25°24'21		-11826 Jan 21 j 21:44	0°♂	
retrograde	-11827 Mar 04 j 09:51	7°♂15'35		evening max el	-11826 Jan 31 j 02:11	11°♂02'07	23°55'24
desc. node	-11827 Mar 09 j 09:01	6°♂17'32		retrograde	-11826 Feb 13 j 16:30	17°♂44'16	
evening set	-11827 Mar 09 j 14:04	6°♂12'36		evening set	-11826 Feb 17 j 18:52	17°♂07'05	
min. Earth dist.	-11827 Mar 14 j 22:19	3°♂14'40	0.57722 AU	desc. node	-11826 Feb 24 j 05:56	14°♂03'59	
inferior conj	-11827 Mar 17 j 23:15	1°♂07'19	-2°01'35	min. Earth dist.	-11826 Feb 24 j 15:16	13°♂49'58	0.56266 AU
minimum elong	-11827 Mar 17 j 19:41	1°♂13'35	2°01'22	inferior conj	-11826 Feb 26 j 17:20	12°♂32'57	-0°37'32
	-11827 Mar 19 j 14:16	30°♂♂		minimum elong	-11826 Feb 26 j 15:50	12°♂35'17	0°37'42
morning rise	-11827 Mar 26 j 04:30	26°♂47'24		morning rise	-11826 Mar 07 j 15:28	8°♂27'01	
direct	-11827 Mar 28 j 10:38	26°♂31'34		direct	-11826 Mar 09 j 19:35	8°♂14'40	
	-11827 Apr 05 j 08:27	0°♂		morning max el	-11826 Mar 19 j 21:12	13°♂00'10	19°52'08
morning max el	-11827 Apr 06 j 00:04	0°♂35'39	18°56'11		-11826 Mar 31 j 18:37	0°♂	
asc. node	-11827 Apr 18 j 09:29	18°♂59'12		asc. node	-11826 Apr 05 j 06:27	8°♂37'02	
morning set	-11827 Apr 22 j 13:22	26°♂58'32		morning set	-11826 Apr 06 j 14:39	11°♂17'57	
	-11827 Apr 24 j 02:25	0°♂					
				superior conj	-11826 Apr 14 j 15:56	27°♂32'37	1°17'26
superior conj	-11827 May 01 j 07:26	14°♂00'52	1°35'06	minimum elong	-11826 Apr 14 j 12:58	27°♂17'52	1°16'26
minimum elong	-11827 May 01 j 04:31	13°♂46'58	1°34'20		-11826 Apr 15 j 21:45	0°♂	
max. Earth dist.	-11827 May 07 j 22:35	26°♂17'48	1.38657 AU	max. Earth dist.	-11826 Apr 20 j 01:16	8°♂00'23	1.36883 AU
	-11827 May 10 j 00:33	0°♂		evening rise	-11826 Apr 24 j 03:11	15°♂33'38	
evening rise	-11827 May 12 j 00:44	3°♂30'07			-11826 May 02 j 11:33	0°♂	
	-11827 May 28 j 14:40	0°♂		desc. node	-11826 May 23 j 04:20	0°♂07'40	
desc. node	-11827 Jun 05 j 06:54	10°♂51'03			-11826 May 23 j 01:52	0°♂	
evening max el	-11827 Jun 16 j 14:29	24°♂26'13	24°22'00	evening max el	-11826 May 30 j 00:04	7°♂47'55	25°38'01
	-11827 Jun 23 j 18:18	0°♂		retrograde	-11826 Jun 11 j 04:24	14°♂55'06	
retrograde	-11827 Jun 27 j 18:23	1°♂02'15		evening set	-11826 Jun 17 j 07:00	12°♂15'35	
	-11827 Jul 01 j 10:21	30°♂♂		min. Earth dist.	-11826 Jun 21 j 13:30	7°♂27'00	0.66538 AU
evening set	-11827 Jul 03 j 06:47	28°♂38'27		inferior conj	-11826 Jun 22 j 16:10	6°♂00'23	-2°36'20
min. Earth dist.	-11827 Jul 07 j 22:32	23°♂10'55	0.67065 AU	minimum elong	-11826 Jun 22 j 18:31	5°♂52'47	2°35'42
inferior conj	-11827 Jul 08 j 12:44	22°♂22'47	-2°00'17	morning rise	-11826 Jun 28 j 06:04	0°♂03'01	
minimum elong	-11827 Jul 08 j 14:51	22°♂15'37	1°59'24		-11826 Jun 28 j 07:53	30°♂♂	
morning rise	-11827 Jul 13 j 22:52	16°♂14'29		direct	-11826 Jul 01 j 17:17	28°♂53'13	
asc. node	-11827 Jul 15 j 10:22	15°♂21'14		asc. node	-11826 Jul 02 j 07:09	28°♂55'05	
direct	-11827 Jul 17 j 19:27	14°♂49'04			-11826 Jul 05 j 06:48	0°♂	
morning max el	-11827 Jul 25 j 21:54	19°♂36'38	20°37'30	morning max el	-11826 Jul 09 j 00:23	3°♂05'47	19°34'29
	-11827 Aug 03 j 05:39	0°♂			-11826 Jul 27 j 23:12	0°♂	
morning set	-11827 Aug 23 j 03:30	29°♂50'27		morning set	-11826 Aug 02 j 08:59	8°♂27'15	
	-11827 Aug 23 j 05:57	0°♂		max. Earth dist.	-11826 Aug 15 j 18:49	29°♂34'20	1.44293 AU
desc. node	-11827 Sep 01 j 03:56	14°♂05'20			-11826 Aug 16 j 01:17	0°♂	
max. Earth dist.	-11827 Sep 02 j 04:24	15°♂43'48	1.43328 AU				
				superior conj	-11826 Aug 18 j 19:47	4°♂25'06	0°01'21
superior conj	-11827 Sep 08 j 01:54	25°♂22'20	-0°40'48	minimum elong	-11826 Aug 18 j 20:01	4°♂26'02	0°01'56
minimum elong	-11827 Sep 07 j 22:14	25°♂07'10	0°39'41	behind sun begin	-11826 Aug 18 j 09:00	3°♂41'58	
	-11827 Sep 10 j 20:24	0°♂		behind sun end	-11826 Aug 19 j 07:02	5°♂10'08	
evening rise	-11827 Sep 20 j 14:07	16°♂44'53		desc. node	-11826 Aug 19 j 01:10	4°♂46'38	
	-11827 Sep 28 j 05:51	0°♂		evening rise	-11826 Sep 02 j 09:05	28°♂11'01	
evening max el	-11827 Oct 07 j 18:38	13°♂33'36	18°08'55		-11826 Sep 03 j 11:15	0°♂	
asc. node	-11827 Oct 11 j 10:13	16°♂21'01		evening max el	-11826 Sep 21 j 08:15	26°♂59'39	18°26'17
retrograde	-11827 Oct 14 j 10:24	17°♂06'10			-11826 Sep 25 j 06:36	0°♂	
evening set	-11827 Oct 17 j 01:15	16°♂32'21		retrograde	-11826 Sep 27 j 23:31	0°♂39'03	
inferior conj	-11827 Oct 23 j 15:01	11°♂15'24	3°18'10	asc. node	-11826 Sep 28 j 07:22	0°♂38'28	
minimum elong	-11827 Oct 23 j 11:12	11°♂25'14	3°17'47	evening set	-11826 Sep 30 j 19:11	29°♂55'53	
min. Earth dist.	-11827 Oct 26 j 04:32	8°♂37'29	0.62690 AU		-11826 Sep 30 j 15:51	30°♂♂	
morning rise	-11827 Oct 29 j 20:13	5°♂24'11		inferior conj	-11826 Oct 06 j 23:01	24°♂21'49	2°31'49
direct	-11827 Nov 05 j 21:34	2°♂47'48		minimum elong	-11826 Oct 06 j 19:42	24°♂31'16	2°31'25
morning max el	-11827 Nov 19 j 15:10	10°♂18'21	27°34'32	min. Earth dist.	-11826 Oct 08 j 23:45	22°♂03'00	0.64188 AU
desc. node	-11827 Nov 28 j 04:25	20°♂04'54		morning rise	-11826 Oct 12 j 19:32	18°♂17'23	
	-11827 Dec 05 j 05:34	0°♂		direct	-11826 Oct 19 j 15:04	15°♂33'30	
	-11827 Dec 22 j 07:51	0°♂		morning max el	-11826 Nov 02 j 00:32	23°♂05'45	27°17'24
morning set	-11827 Dec 23 j 05:01	1°♂46'16			-11826 Nov 08 j 06:44	0°♂	
max. Earth dist.	-11827 Dec 28 j 20:31	13°♂32'33	1.33240 AU	desc. node	-11826 Nov 15 j 01:05	8°♂54'03	
					-11826 Nov 28 j 10:16	0°♂	
superior conj	-11827 Dec 30 j 15:46	17°♂24'59	-1°06'12	morning set	-11826 Dec 06 j 23:45	15°♂50'36	
minimum elong	-11827 Dec 30 j 17:49	17°♂36'07	1°06'05	max. Earth dist.	-11826 Dec 11 j 22:27	25°♂49'16	1.34023 AU
	-11826 Jan 05 j 11:50	0°♂			-11826 Dec 13 j 22:29	0°♂	
evening rise	-11826 Jan 06 j 17:21	2°♂36'04					

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11826 Dec 14 j 22:42	2°♄07'50	-1°21'39	minimum elong	-11825 Nov 29 j 01:32	16°♄37'23	1°32'33
minimum elong	-11826 Dec 15 j 00:42	2°♄18'27	1°21'27		-11825 Dec 05 j 11:47	0°♄	
evening rise	-11826 Dec 22 j 04:15	17°♄29'04		evening rise	-11825 Dec 06 j 13:10	2°♄11'20	
asc. node	-11826 Dec 25 j 05:16	23°♄43'09		asc. node	-11825 Dec 12 j 02:38	13°♄13'44	
	-11826 Dec 28 j 11:07	0°♄			-11825 Dec 22 j 21:48	0°♄	
evening max el	-11825 Jan 12 j 20:43	21°♄55'28	22°21'25	evening max el	-11825 Dec 25 j 21:58	3°♄10'22	20°54'42
retrograde	-11825 Jan 25 j 12:01	27°♄58'17		retrograde	-11824 Jan 06 j 02:36	8°♄25'42	
evening set	-11825 Jan 28 j 17:20	27°♄35'26		evening set	-11824 Jan 08 j 20:27	8°♄07'59	
inferior conj	-11825 Feb 06 j 19:45	23°♄26'23	1°05'55	inferior conj	-11824 Jan 17 j 17:18	4°♄09'11	2°43'23
minimum elong	-11825 Feb 06 j 22:32	23°♄22'24	1°04'30	minimum elong	-11824 Jan 17 j 22:59	4°♄00'53	2°41'35
min. Earth dist.	-11825 Feb 06 j 06:14	23°♄45'47	0.55509 AU	min. Earth dist.	-11824 Jan 18 j 20:17	3°♄29'57	0.55615 AU
desc. node	-11825 Feb 11 j 02:47	21°♄07'05			-11824 Jan 26 j 10:46	30°♄	
morning rise	-11825 Feb 16 j 04:38	19°♄22'29		morning rise	-11824 Jan 27 j 00:19	29°♄51'32	
direct	-11825 Feb 18 j 14:01	19°♄09'15		desc. node	-11824 Jan 28 j 23:35	29°♄32'19	
morning max el	-11825 Mar 02 j 07:37	24°♄45'43	21°07'02	direct	-11824 Jan 30 j 05:10	29°♄28'55	
	-11825 Mar 06 j 23:28	0°♄			-11824 Feb 02 j 21:36	0°♄	
morning set	-11825 Mar 21 j 21:48	25°♄59'35		morning max el	-11824 Feb 12 j 07:04	5°♄53'06	22°37'12
asc. node	-11825 Mar 23 j 03:28	28°♄32'33			-11824 Feb 28 j 21:25	0°♄	
	-11825 Mar 23 j 20:20	0°♄		morning set	-11824 Mar 05 j 08:37	10°♄56'31	
				asc. node	-11824 Mar 09 j 00:35	18°♄40'41	
superior conj	-11825 Mar 29 j 11:11	11°♄340'24	0°56'10	superior conj	-11824 Mar 12 j 14:00	26°♄14'34	0°33'07
minimum elong	-11825 Mar 29 j 08:51	11°♄328'21	0°55'07	minimum elong	-11824 Mar 12 j 12:36	26°♄07'08	0°32'12
max. Earth dist.	-11825 Apr 02 j 11:44	19°♄349'11	1.35380 AU		-11824 Mar 14 j 08:53	0°♄	
evening rise	-11825 Apr 07 j 00:45	28°♄37'47		max. Earth dist.	-11824 Mar 15 j 08:32	2°♄03'01	1.34223 AU
	-11825 Apr 07 j 18:14	0°♄		evening rise	-11824 Mar 20 j 12:17	12°♄27'27	
	-11825 Apr 25 j 16:27	0°♄			-11824 Mar 30 j 01:34	0°♄	
desc. node	-11825 May 10 j 01:45	18°♄41'09			-11824 Apr 19 j 19:52	0°♄	
evening max el	-11825 May 12 j 10:21	21°♄07'42	26°39'12	evening max el	-11824 Apr 23 j 21:13	4°♄18'31	27°17'27
retrograde	-11825 May 25 j 09:45	28°♄34'13		desc. node	-11824 Apr 25 j 23:06	6°♄14'15	
evening set	-11825 Jun 01 j 00:04	25°♄47'11		retrograde	-11824 May 07 j 09:45	11°♄52'42	
min. Earth dist.	-11825 Jun 04 j 22:48	21°♄37'36	0.65632 AU	evening set	-11824 May 14 j 07:14	9°♄09'44	
inferior conj	-11825 Jun 06 j 15:13	19°♄34'34	-3°04'36	min. Earth dist.	-11824 May 18 j 00:36	5°♄35'36	0.64335 AU
minimum elong	-11825 Jun 06 j 17:18	19°♄28'11	3°04'24	inferior conj	-11824 May 20 j 07:32	3°♄02'24	-3°22'49
morning rise	-11825 Jun 12 j 10:48	13°♄50'44		minimum elong	-11824 May 20 j 08:48	2°♄58'50	3°23'03
direct	-11825 Jun 15 j 14:29	12°♄54'28			-11824 May 23 j 04:46	30°♄	
asc. node	-11825 Jun 19 j 03:57	14°♄02'05		morning rise	-11824 May 26 j 11:00	27°♄34'27	
morning max el	-11825 Jun 22 j 08:36	16°♄40'35	18°46'30	direct	-11824 May 29 j 08:47	26°♄49'41	
	-11825 Jul 02 j 04:20	0°♄			-11824 Jun 04 j 13:13	0°♄	
morning set	-11825 Jul 13 j 08:00	17°♄52'19		morning max el	-11824 Jun 04 j 20:48	0°♄18'41	18°15'27
	-11825 Jul 20 j 21:12	0°♄		asc. node	-11824 Jun 05 j 00:46	0°♄28'43	
superior conj	-11825 Jul 28 j 20:42	12°♄40'31	0°46'34	morning set	-11824 Jun 23 j 08:13	28°♄27'39	
minimum elong	-11825 Jul 29 j 02:00	13°♄01'31	0°46'23		-11824 Jun 24 j 06:09	0°♄	
max. Earth dist.	-11825 Jul 29 j 11:09	13°♄37'40	1.44580 AU	superior conj	-11824 Jul 07 j 02:23	21°♄11'34	1°23'08
desc. node	-11825 Aug 05 j 22:28	25°♄27'03		minimum elong	-11824 Jul 07 j 08:44	21°♄37'13	1°22'48
	-11825 Aug 08 j 19:17	0°♄		max. Earth dist.	-11824 Jul 11 j 02:42	27°♄37'45	1.44172 AU
evening rise	-11825 Aug 14 j 01:49	8°♄23'37			-11824 Jul 12 j 14:28	0°♄	
	-11825 Aug 27 j 19:32	0°♄		desc. node	-11824 Jul 22 j 19:50	16°♄03'50	
evening max el	-11825 Sep 04 j 19:53	10°♄29'13	19°01'06	evening rise	-11824 Jul 23 j 16:09	17°♄22'56	
retrograde	-11825 Sep 11 j 17:41	14°♄23'56			-11824 Jul 31 j 19:58	0°♄	
evening set	-11825 Sep 14 j 20:29	13°♄28'19		greatest brilliancy	-11824 Aug 05 j 00:34	6°♄22'25	-0.7m
asc. node	-11825 Sep 15 j 04:28	13°♄15'55		evening max el	-11824 Aug 18 j 03:01	23°♄58'38	19°51'58
inferior conj	-11825 Sep 20 j 16:00	7°♄40'21	1°40'56	retrograde	-11824 Aug 25 j 14:02	28°♄17'22	
minimum elong	-11825 Sep 20 j 13:42	7°♄47'28	1°40'46	evening set	-11824 Aug 29 j 02:22	27°♄05'47	
min. Earth dist.	-11825 Sep 22 j 04:12	5°♄48'30	0.65389 AU	asc. node	-11824 Sep 01 j 01:31	24°♄20'28	
morning rise	-11825 Sep 26 j 06:27	1°♄26'31		inferior conj	-11824 Sep 03 j 15:22	21°♄07'02	0°48'39
	-11825 Sep 28 j 06:46	30°♄		minimum elong	-11824 Sep 03 j 14:15	21°♄10'41	0°48'52
direct	-11825 Oct 02 j 15:06	28°♄46'21		min. Earth dist.	-11824 Sep 04 j 15:54	19°♄46'36	0.66288 AU
	-11825 Oct 07 j 09:01	0°♄		morning rise	-11824 Sep 09 j 01:51	14°♄47'46	
morning max el	-11825 Oct 15 j 10:53	6°♄11'41	26°31'21	direct	-11824 Sep 14 j 20:55	12°♄19'33	
desc. node	-11825 Nov 01 j 21:49	28°♄21'41		morning max el	-11824 Sep 26 j 20:41	19°♄25'04	25°23'52
	-11825 Nov 03 j 00:04	0°♄			-11824 Oct 05 j 22:35	0°♄	
morning set	-11825 Nov 20 j 06:48	29°♄15'38		desc. node	-11824 Oct 18 j 18:36	18°♄16'33	
	-11825 Nov 20 j 16:12	0°♄			-11824 Oct 26 j 02:07	0°♄	
max. Earth dist.	-11825 Nov 24 j 13:57	7°♄33'48	1.35227 AU	morning set	-11824 Nov 01 j 21:30	11°♄47'26	
superior conj	-11825 Nov 29 j 00:05	16°♄29'57	-1°32'49	max. Earth dist.	-11824 Nov 05 j 18:59	18°♄56'36	1.36846 AU

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11824 Nov 11 j 17:01	0° \mathbb{M} 22'08	-1°38'16	desc. node	-11823 Oct 05 j 15:28	8° \mathfrak{G} 30'36	
minimum elong	-11824 Nov 11 j 17:19	0° \mathbb{M} 23'37	1°37'54	morning set	-11823 Oct 14 j 14:30	23° \mathfrak{G} 11'54	
	-11824 Nov 11 j 12:33	0° \mathbb{M}			-11823 Oct 18 j 12:20	0° Ω	
evening rise	-11824 Nov 19 j 18:14	16° \mathbb{M} 36'47		max. Earth dist.	-11823 Oct 18 j 18:17	0° Ω 26'25	1.38760 AU
	-11824 Nov 26 j 16:52	0° $\underline{\mathfrak{L}}$					
asc. node	-11824 Nov 27 j 23:59	2° $\underline{\mathfrak{L}}$ 16'13		superior conj	-11823 Oct 25 j 21:43	13° Ω 33'16	-1°36'09
evening max el	-11824 Dec 07 j 08:59	14° $\underline{\mathfrak{L}}$ 57'45	19°43'14	minimum elong	-11823 Oct 25 j 20:18	13° Ω 26'38	1°35'35
retrograde	-11824 Dec 16 j 23:43	19° $\underline{\mathfrak{L}}$ 29'30			-11823 Nov 03 j 09:07	0° \mathbb{M}	
evening set	-11824 Dec 19 j 13:18	19° $\underline{\mathfrak{L}}$ 11'39		evening rise	-11823 Nov 03 j 17:09	0° \mathbb{M} 39'20	
inferior conj	-11824 Dec 27 j 22:58	15° $\underline{\mathfrak{L}}$ 06'06	3°49'36	asc. node	-11823 Nov 14 j 21:18	20° \mathbb{M} 41'05	
minimum elong	-11824 Dec 28 j 03:25	14° $\underline{\mathfrak{L}}$ 59'01	3°48'48	evening max el	-11823 Nov 20 j 06:01	27° \mathbb{M} 18'17	18°51'02
min. Earth dist.	-11824 Dec 30 j 09:40	13° $\underline{\mathfrak{L}}$ 32'56	0.56545 AU		-11823 Nov 23 j 19:06	0° $\underline{\mathfrak{L}}$	
morning rise	-11823 Jan 05 j 15:26	10° $\underline{\mathfrak{L}}$ 25'43		retrograde	-11823 Nov 28 j 13:01	1° $\underline{\mathfrak{L}}$ 18'24	
direct	-11823 Jan 10 j 03:35	9° $\underline{\mathfrak{L}}$ 40'06		evening set	-11823 Dec 01 j 00:53	0° $\underline{\mathfrak{L}}$ 58'08	
desc. node	-11823 Jan 14 j 20:19	10° $\underline{\mathfrak{L}}$ 30'44			-11823 Dec 03 j 13:41	30° \mathbb{R} \mathbb{M}	
morning max el	-11823 Jan 23 j 22:55	16° $\underline{\mathfrak{L}}$ 35'58	24°14'07	inferior conj	-11823 Dec 08 j 21:40	26° \mathbb{M} 34'49	4°16'09
	-11823 Feb 03 j 17:01	0° \mathbb{M}		minimum elong	-11823 Dec 08 j 22:27	26° \mathbb{M} 33'24	4°16'11
morning set	-11823 Feb 17 j 21:02	26° \mathbb{M} 00'39		min. Earth dist.	-11823 Dec 12 j 00:15	24° \mathbb{M} 19'27	0.58068 AU
	-11823 Feb 19 j 18:14	0° \mathfrak{X}		morning rise	-11823 Dec 16 j 18:06	21° \mathbb{M} 30'53	
asc. node	-11823 Feb 23 j 21:44	8° \mathfrak{X} 55'54		direct	-11823 Dec 22 j 13:05	20° \mathbb{M} 10'24	
				desc. node	-11822 Jan 01 j 17:00	24° \mathbb{M} 05'18	
superior conj	-11823 Feb 24 j 21:45	11° \mathfrak{X} 05'27	0°09'31	morning max el	-11822 Jan 05 j 14:03	27° \mathbb{M} 22'33	25°44'07
minimum elong	-11823 Feb 24 j 21:22	11° \mathfrak{X} 03'25	0°08'50		-11822 Jan 08 j 03:36	0° $\underline{\mathfrak{L}}$	
behind sun begin	-11823 Feb 24 j 17:05	10° \mathfrak{X} 40'19			-11822 Jan 27 j 21:05	0° \mathbb{M}	
behind sun end	-11823 Feb 25 j 01:39	11° \mathfrak{X} 26'30		morning set	-11822 Feb 02 j 09:15	11° \mathbb{M} 05'30	
max. Earth dist.	-11823 Feb 26 j 14:17	14° \mathfrak{X} 43'03	1.33415 AU				
evening rise	-11823 Mar 04 j 09:34	26° \mathfrak{X} 48'01		superior conj	-11822 Feb 09 j 08:25	26° \mathbb{M} 06'10	-0°13'41
	-11823 Mar 06 j 00:05	0° \mathfrak{Z}		minimum elong	-11822 Feb 09 j 08:59	26° \mathbb{M} 09'20	0°14'07
	-11823 Mar 23 j 10:36	0° \approx		behind sun begin	-11822 Feb 09 j 06:45	25° \mathbb{M} 57'10	
evening max el	-11823 Apr 06 j 06:44	17° \approx 07'42	27°26'29	behind sun end	-11822 Feb 09 j 11:13	26° \mathbb{M} 21'31	
desc. node	-11823 Apr 12 j 20:23	22° \approx 21'33		max. Earth dist.	-11822 Feb 10 j 01:48	27° \mathbb{M} 40'53	1.32939 AU
retrograde	-11823 Apr 20 j 03:25	24° \approx 41'15		asc. node	-11822 Feb 10 j 18:55	29° \mathbb{M} 13'51	
evening set	-11823 Apr 27 j 01:12	22° \approx 15'24			-11822 Feb 11 j 03:26	0° \mathfrak{X}	
min. Earth dist.	-11823 Apr 30 j 17:29	19° \approx 08'39	0.62674 AU	evening rise	-11822 Feb 16 j 13:29	11° \mathfrak{X} 29'09	
inferior conj	-11823 May 03 j 14:10	16° \approx 17'14	-3°27'39		-11822 Feb 26 j 06:10	0° \mathfrak{Z}	
minimum elong	-11823 May 03 j 14:01	16° \approx 17'37	3°28'08	evening max el	-11822 Mar 19 j 12:15	29° \mathfrak{Z} 23'35	27°02'50
morning rise	-11823 May 10 j 04:04	11° \approx 07'21			-11822 Mar 20 j 03:38	0° \approx	
direct	-11823 May 12 j 21:06	10° \approx 32'25		desc. node	-11822 Mar 30 j 17:35	6° \approx 30'59	
morning max el	-11823 May 19 j 10:41	13° \approx 54'43	18°02'27	retrograde	-11822 Apr 02 j 13:34	6° \approx 52'00	
asc. node	-11823 May 22 j 21:36	17° \approx 58'21		evening set	-11822 Apr 09 j 02:40	4° \approx 54'45	
	-11823 May 30 j 12:54	0° \mathfrak{H}		min. Earth dist.	-11822 Apr 13 j 01:13	2° \approx 02'54	0.60752 AU
morning set	-11823 Jun 05 j 08:20	10° \mathfrak{H} 11'02			-11822 Apr 15 j 09:41	30° \mathbb{R} \mathfrak{Z}	
	-11823 Jun 16 j 18:55	0° \mathbb{Y}		inferior conj	-11822 Apr 16 j 07:41	29° \mathfrak{Z} 11'13	-3°14'15
				minimum elong	-11822 Apr 16 j 05:42	29° \mathfrak{Z} 15'38	3°14'39
superior conj	-11823 Jun 17 j 06:30	0° \mathbb{Y} 48'45	1°43'56	morning rise	-11822 Apr 23 j 10:52	24° \mathfrak{Z} 21'10	
minimum elong	-11823 Jun 17 j 09:45	1° \mathbb{Y} 02'25	1°43'47	direct	-11822 Apr 25 j 23:39	23° \mathfrak{Z} 54'51	
max. Earth dist.	-11823 Jun 23 j 15:11	11° \mathbb{Y} 19'12	1.43120 AU	morning max el	-11822 May 02 j 23:39	27° \mathfrak{Z} 22'09	18°08'10
evening rise	-11823 Jul 02 j 16:32	25° \mathbb{Y} 43'44			-11822 May 05 j 08:54	0° \approx	
	-11823 Jul 05 j 10:34	0° \mathfrak{B}		asc. node	-11822 May 09 j 18:24	6° \approx 16'50	
desc. node	-11823 Jul 09 j 17:16	6° \mathfrak{B} 33'25		morning set	-11822 May 19 j 03:44	22° \approx 51'40	
	-11823 Jul 25 j 22:05	0° \mathbb{I}			-11822 May 23 j 00:45	0° \mathfrak{H}	
evening max el	-11823 Aug 01 j 03:44	7° \mathbb{I} 24'58	20°56'59				
retrograde	-11823 Aug 09 j 10:34	12° \mathbb{I} 16'41		superior conj	-11822 May 29 j 13:39	11° \mathfrak{H} 46'34	1°49'14
evening set	-11823 Aug 13 j 10:32	10° \mathbb{I} 46'02		minimum elong	-11822 May 29 j 13:22	11° \mathfrak{H} 45'18	1°49'00
inferior conj	-11823 Aug 18 j 18:55	4° \mathbb{I} 39'12	-0°02'49	max. Earth dist.	-11822 Jun 05 j 22:15	24° \mathfrak{H} 25'36	1.41566 AU
minimum elong	-11823 Aug 18 j 18:57	4° \mathbb{I} 39'03	0°02'12		-11822 Jun 09 j 07:03	0° \mathbb{Y}	
transit middle	-11823 Aug 18 j 18:57	4° \mathbb{I} 39'03	0°02'12	evening rise	-11822 Jun 12 j 01:29	4° \mathbb{Y} 29'20	
transit begin	-11823 Aug 18 j 16:15	4° \mathbb{I} 48'14		desc. node	-11822 Jun 26 j 14:45	26° \mathbb{Y} 51'20	
transit end	-11823 Aug 18 j 21:39	4° \mathbb{I} 29'51			-11822 Jun 28 j 18:34	0° \mathfrak{B}	
asc. node	-11823 Aug 18 j 22:29	4° \mathbb{I} 27'02		evening max el	-11822 Jul 14 j 21:26	20° \mathfrak{B} 46'37	22°12'58
min. Earth dist.	-11823 Aug 19 j 08:32	3° \mathbb{I} 52'48	0.66891 AU	retrograde	-11822 Jul 24 j 05:35	26° \mathfrak{B} 18'47	
	-11823 Aug 22 j 10:10	30° \mathbb{R} \mathfrak{B}		evening set	-11822 Jul 28 j 18:58	24° \mathfrak{B} 27'05	
morning rise	-11823 Aug 24 j 03:13	28° \mathfrak{B} 18'24		inferior conj	-11822 Aug 03 j 00:41	18° \mathfrak{B} 14'46	-0°51'46
direct	-11823 Aug 29 j 07:56	26° \mathfrak{B} 06'55		minimum elong	-11822 Aug 03 j 01:44	18° \mathfrak{B} 11'07	0°50'52
	-11823 Sep 06 j 09:55	0° \mathbb{I}		min. Earth dist.	-11822 Aug 03 j 03:46	18° \mathfrak{B} 04'07	0.67200 AU
morning max el	-11823 Sep 09 j 06:30	2° \mathbb{I} 40'21	24°03'47	asc. node	-11822 Aug 05 j 19:23	14° \mathfrak{B} 33'38	
	-11823 Sep 30 j 02:33	0° \mathfrak{G}		morning rise	-11822 Aug 08 j 08:26	11° \mathfrak{B} 56'02	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

direct	-11822 Aug 12 j 23:22	10° 8 03'01		morning max el	-11821 Aug 05 j 10:48	29° 7 15'55	21°19'26
morning max el	-11822 Aug 22 j 18:21	15° 8 56'22	22°39'44		-11821 Aug 06 j 03:33	0° 8	
	-11822 Sep 03 j 03:10	0° II			-11821 Aug 27 j 20:41	0° II	
desc. node	-11822 Sep 22 j 12:23	28° II 57'22		morning set	-11821 Sep 04 j 19:59	12° II 18'24	
	-11822 Sep 23 j 04:03	0° ☾		desc. node	-11821 Sep 09 j 09:26	19° II 32'47	
morning set	-11822 Sep 25 j 05:26	3° ☾ 19'15		max. Earth dist.	-11821 Sep 12 j 23:31	25° II 21'30	1.42505 AU
max. Earth dist.	-11822 Sep 30 j 18:23	12° ☾ 30'54	1.40738 AU		-11821 Sep 15 j 19:03	0° ☾	
superior conj	-11822 Oct 08 j 09:09	25° ☾ 48'58	-1°24'12	superior conj	-11821 Sep 19 j 21:40	6° ☾ 55'11	-1°00'18
minimum elong	-11822 Oct 08 j 05:51	25° ☾ 34'08	1°23'19	minimum elong	-11821 Sep 19 j 17:24	6° ☾ 37'01	0°59'10
	-11822 Oct 10 j 16:30	0° ♈		evening rise	-11821 Oct 01 j 08:14	27° ☾ 03'27	
evening rise	-11822 Oct 18 j 07:03	14° ♈ 11'02			-11821 Oct 02 j 23:30	0° ♈	
	-11822 Oct 27 j 00:47	0° ♐		evening max el	-11821 Oct 17 j 22:07	23° ♈ 13'56	18°07'11
asc. node	-11822 Nov 01 j 18:35	8° ♐ 16'00		asc. node	-11821 Oct 19 j 15:49	24° ♈ 46'42	
evening max el	-11822 Nov 03 j 11:16	10° ♐ 05'52	18°19'10	retrograde	-11821 Oct 24 j 17:48	26° ♈ 46'52	
retrograde	-11822 Nov 10 j 20:03	13° ♐ 47'00		evening set	-11821 Oct 27 j 06:45	26° ♈ 17'23	
evening set	-11822 Nov 13 j 07:32	13° ♐ 23'01		inferior conj	-11821 Nov 03 j 02:55	21° ♈ 11'54	3°41'02
inferior conj	-11822 Nov 20 j 15:37	8° ♐ 38'23	4°09'40	minimum elong	-11821 Nov 02 j 23:14	21° ♈ 20'45	3°40'47
minimum elong	-11822 Nov 20 j 13:19	8° ♐ 43'13	4°09'44	min. Earth dist.	-11821 Nov 05 j 23:16	18° ♈ 28'04	0.61708 AU
min. Earth dist.	-11822 Nov 23 j 19:42	5° ♐ 58'46	0.59878 AU	morning rise	-11821 Nov 09 j 14:30	15° ♈ 29'18	
morning rise	-11822 Nov 27 j 17:32	3° ♐ 13'28		direct	-11821 Nov 16 j 15:32	13° ♈ 02'58	
direct	-11822 Dec 04 j 09:32	1° ♐ 15'56		morning max el	-11821 Nov 30 j 12:32	20° ♈ 31'48	27°29'11
morning max el	-11822 Dec 18 j 10:06	8° ♐ 37'44	26°52'31	desc. node	-11821 Dec 06 j 10:13	26° ♈ 59'03	
desc. node	-11822 Dec 19 j 13:37	9° ♐ 45'39			-11821 Dec 08 j 19:50	0° ♐	
	-11821 Jan 03 j 18:36	0° ♑			-11821 Dec 27 j 14:01	0° ♑	
morning set	-11821 Jan 17 j 19:28	26° ♑ 03'57		morning set	-11820 Jan 02 j 01:39	10° ♑ 48'15	
	-11821 Jan 19 j 16:21	0° ♒		max. Earth dist.	-11820 Jan 08 j 03:04	23° ♑ 36'46	1.32959 AU
superior conj	-11821 Jan 24 j 20:14	11° ♒ 10'17	-0°35'41	superior conj	-11820 Jan 09 j 07:34	26° ♑ 11'20	-0°55'48
minimum elong	-11821 Jan 24 j 21:36	11° ♒ 17'47	0°35'52	minimum elong	-11820 Jan 09 j 09:28	26° ♑ 21'41	0°55'47
max. Earth dist.	-11821 Jan 24 j 15:18	10° ♒ 43'21	1.32779 AU		-11820 Jan 11 j 01:36	0° ♒	
asc. node	-11821 Jan 28 j 16:09	19° ♒ 30'25		asc. node	-11820 Jan 15 j 13:27	9° ♒ 41'03	
evening rise	-11821 Jan 31 j 21:42	26° ♒ 22'19		evening rise	-11820 Jan 16 j 08:16	11° ♒ 20'21	
	-11821 Feb 02 j 15:56	0° ♊			-11820 Jan 25 j 23:55	0° ♊	
	-11821 Feb 20 j 03:09	0° ♋		evening max el	-11820 Feb 11 j 07:05	22° ♊ 07'44	24°48'06
evening max el	-11821 Mar 01 j 12:09	11° ♋ 01'35	26°07'47	retrograde	-11820 Feb 25 j 05:22	29° ♊ 07'21	
retrograde	-11821 Mar 15 j 14:59	18° ♋ 20'23		evening set	-11820 Feb 29 j 22:14	28° ♊ 16'46	
desc. node	-11821 Mar 17 j 14:40	18° ♋ 10'30		desc. node	-11820 Mar 03 j 11:39	27° ♊ 10'13	
evening set	-11821 Mar 21 j 09:26	16° ♋ 57'52		min. Earth dist.	-11820 Mar 06 j 20:39	25° ♊ 11'53	0.57024 AU
min. Earth dist.	-11821 Mar 26 j 01:25	14° ♋ 06'03	0.58769 AU	inferior conj	-11820 Mar 09 j 13:53	23° ♊ 24'16	-1°29'20
inferior conj	-11821 Mar 29 j 08:30	11° ♋ 36'06	-2°36'33	minimum elong	-11820 Mar 09 j 10:49	23° ♊ 29'21	1°29'09
minimum elong	-11821 Mar 29 j 05:03	11° ♋ 42'43	2°36'31	morning rise	-11820 Mar 18 j 02:37	19° ♊ 11'21	
morning rise	-11821 Apr 06 j 03:46	7° ♋ 06'09		direct	-11820 Mar 20 j 07:09	18° ♊ 57'33	
direct	-11821 Apr 08 j 12:11	6° ♋ 47'07		morning max el	-11820 Mar 29 j 11:22	23° ♊ 17'58	19°17'35
morning max el	-11821 Apr 16 j 08:55	10° ♋ 33'23	18°33'04		-11820 Apr 04 j 00:33	0° ♋	
asc. node	-11821 Apr 26 j 15:15	25° ♋ 13'06		asc. node	-11820 Apr 12 j 12:09	14° ♋ 37'50	
	-11821 Apr 29 j 05:59	0° ♌		morning set	-11820 Apr 15 j 10:28	20° ♋ 21'30	
morning set	-11821 May 02 j 13:47	6° ♌ 18'43			-11820 Apr 20 j 06:48	0° ♌	
superior conj	-11821 May 11 j 20:16	23° ♌ 56'19	1°42'42	superior conj	-11820 Apr 23 j 20:45	7° ♌ 02'03	1°28'12
minimum elong	-11821 May 11 j 17:53	23° ♌ 45'14	1°42'08	minimum elong	-11820 Apr 23 j 17:42	6° ♌ 47'15	1°27'19
	-11821 May 15 j 03:45	0° ♍		max. Earth dist.	-11820 Apr 29 j 23:52	18° ♌ 37'22	1.37876 AU
max. Earth dist.	-11821 May 18 j 23:44	6° ♍ 48'21	1.39732 AU	evening rise	-11820 May 04 j 00:05	25° ♌ 50'09	
evening rise	-11821 May 23 j 11:12	14° ♍ 28'29			-11820 May 06 j 09:29	0° ♍	
	-11821 Jun 02 j 02:05	0° ♎			-11820 May 25 j 15:05	0° ♎	
desc. node	-11821 Jun 13 j 12:15	16° ♎ 52'10		desc. node	-11820 May 30 j 09:45	6° ♎ 27'48	
	-11821 Jun 23 j 15:20	0° ♏		evening max el	-11820 Jun 08 j 19:23	17° ♎ 27'06	24°55'34
evening max el	-11821 Jun 27 j 09:37	4° ♏ 06'20	23°34'52	retrograde	-11820 Jun 20 j 10:34	24° ♎ 18'19	
retrograde	-11821 Jul 07 j 21:57	10° ♏ 20'58		evening set	-11820 Jun 26 j 05:01	21° ♎ 47'15	
evening set	-11821 Jul 13 j 01:47	8° ♏ 08'14		min. Earth dist.	-11820 Jun 30 j 16:42	16° ♎ 35'48	0.66886 AU
inferior conj	-11821 Jul 18 j 07:00	1° ♏ 52'52	-1°36'44	inferior conj	-11820 Jul 01 j 12:01	15° ♎ 31'18	-2°16'25
minimum elong	-11821 Jul 18 j 08:48	1° ♏ 46'38	1°35'46	minimum elong	-11820 Jul 01 j 14:17	15° ♎ 23'44	2°15'37
min. Earth dist.	-11821 Jul 17 j 23:17	2° ♏ 19'22	0.67207 AU	morning rise	-11820 Jul 06 j 23:31	9° ♎ 27'01	
	-11821 Jul 19 j 16:15	30° ♏ 00'		asc. node	-11820 Jul 09 j 13:00	8° ♎ 15'37	
morning rise	-11821 Jul 23 j 15:47	25° ♏ 39'43		direct	-11820 Jul 10 j 15:49	8° ♎ 08'31	
asc. node	-11821 Jul 23 j 16:12	25° ♏ 38'55		morning max el	-11820 Jul 18 j 09:26	12° ♎ 40'43	20°08'52
direct	-11821 Jul 27 j 18:27	24° ♏ 04'44			-11820 Jul 31 j 09:03	0° ♏	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

morning set	-11820 Aug 13 j 22:54	20° ♄ 46'44		direct	-11819 Jun 24 j 13:48	22° ♄ 11'59	
	-11820 Aug 19 j 20:19	0° ♄		asc. node	-11819 Jun 26 j 09:49	22° ♄ 30'32	
max. Earth dist.	-11820 Aug 25 j 10:37	8° ♄ 52'48	1.43817 AU	morning max el	-11819 Jul 01 j 14:26	26° ♄ 12'06	19°11'58
desc. node	-11820 Aug 26 j 06:38	10° ♄ 13'02			-11819 Jul 04 j 20:51	0° ♄	
				morning set	-11819 Jul 24 j 10:13	29° ♄ 39'43	
superior conj	-11820 Aug 30 j 06:53	16° ♄ 41'58	-0°23'56		-11819 Jul 24 j 15:21	0° ♄	
minimum elong	-11820 Aug 30 j 04:27	16° ♄ 32'04	0°22'59	max. Earth dist.	-11819 Aug 08 j 02:16	22° ♄ 51'14	1.44508 AU
	-11820 Sep 07 j 07:36	0° ♄					
evening rise	-11820 Sep 12 j 15:50	9° ♄ 04'53		superior conj	-11819 Aug 09 j 15:28	25° ♄ 18'39	0°20'52
	-11820 Sep 25 j 07:11	0° ♄		minimum elong	-11819 Aug 09 j 18:02	25° ♄ 28'49	0°21'05
evening max el	-11820 Sep 30 j 11:40	6° ♄ 35'49	18°14'12		-11819 Aug 12 j 14:15	0° ♄	
asc. node	-11820 Oct 05 j 12:59	9° ♄ 57'25		desc. node	-11819 Aug 13 j 03:55	0° ♄ 54'26	
retrograde	-11820 Oct 07 j 02:20	10° ♄ 10'01		evening rise	-11819 Aug 25 j 00:07	20° ♄ 00'55	
evening set	-11820 Oct 09 j 18:57	9° ♄ 32'38			-11819 Aug 31 j 02:53	0° ♄	
inferior conj	-11820 Oct 16 j 04:20	4° ♄ 08'21	2°59'19	evening max el	-11819 Sep 14 j 00:52	20° ♄ 04'23	18°39'06
minimum elong	-11820 Oct 16 j 00:38	4° ♄ 18'19	2°58'52	retrograde	-11819 Sep 20 j 17:53	23° ♄ 48'51	
min. Earth dist.	-11820 Oct 18 j 12:37	1° ♄ 37'02	0.63362 AU	asc. node	-11819 Sep 22 j 10:08	23° ♄ 33'05	
	-11820 Oct 20 j 03:14	30° ♄		evening set	-11819 Sep 23 j 16:25	23° ♄ 00'39	
morning rise	-11820 Oct 22 j 05:28	28° ♄ 11'12		inferior conj	-11819 Sep 29 j 16:30	17° ♄ 20'20	2°10'34
direct	-11820 Oct 29 j 05:22	25° ♄ 29'41		minimum elong	-11819 Sep 29 j 13:34	17° ♄ 28'59	2°10'13
	-11820 Nov 08 j 10:03	0° ♄		min. Earth dist.	-11819 Oct 01 j 11:47	15° ♄ 12'27	0.64741 AU
morning max el	-11820 Nov 11 j 19:52	3° ♄ 02'01	27°31'08	morning rise	-11819 Oct 05 j 10:11	11° ♄ 11'46	
desc. node	-11820 Nov 22 j 06:52	15° ♄ 19'25		direct	-11819 Oct 12 j 01:41	8° ♄ 28'16	
	-11820 Dec 02 j 03:34	0° ♄		morning max el	-11819 Oct 25 j 05:43	15° ♄ 58'04	27°00'57
morning set	-11820 Dec 16 j 01:26	25° ♄ 10'18			-11819 Nov 05 j 23:46	0° ♄	
	-11820 Dec 18 j 10:37	0° ♄		desc. node	-11819 Nov 09 j 03:34	4° ♄ 26'39	
max. Earth dist.	-11820 Dec 21 j 09:30	6° ♄ 09'26	1.33514 AU		-11819 Nov 24 j 20:23	0° ♄	
				morning set	-11819 Nov 29 j 15:38	8° ♄ 59'01	
superior conj	-11820 Dec 23 j 16:43	11° ♄ 03'25	-1°13'13	max. Earth dist.	-11819 Dec 04 j 07:15	18° ♄ 12'24	1.34484 AU
minimum elong	-11820 Dec 23 j 18:48	11° ♄ 14'38	1°13'03				
evening rise	-11820 Dec 30 j 19:33	26° ♄ 17'25		superior conj	-11819 Dec 07 j 21:35	25° ♄ 38'22	-1°27'01
asc. node	-11819 Jan 01 j 10:47	29° ♄ 41'04		minimum elong	-11819 Dec 07 j 23:25	25° ♄ 47'59	1°26'46
	-11819 Jan 01 j 14:29	0° ♄			-11819 Dec 09 j 23:18	0° ♄	
	-11819 Jan 20 j 02:35	0° ♄		evening rise	-11819 Dec 15 j 05:50	11° ♄ 06'36	
evening max el	-11819 Jan 23 j 00:30	3° ♄ 00'06	23°15'27	asc. node	-11819 Dec 19 j 08:08	19° ♄ 24'05	
retrograde	-11819 Feb 05 j 06:49	9° ♄ 26'38			-11819 Dec 25 j 04:18	0° ♄	
evening set	-11819 Feb 08 j 23:02	8° ♄ 57'08		evening max el	-11818 Jan 04 j 21:20	14° ♄ 00'07	21°43'04
min. Earth dist.	-11819 Feb 16 j 12:56	5° ♄ 28'02	0.55840 AU	retrograde	-11818 Jan 16 j 22:29	19° ♄ 42'31	
inferior conj	-11819 Feb 18 j 00:30	4° ♄ 35'22	0°05'07	evening set	-11818 Jan 19 j 22:04	19° ♄ 22'35	
minimum elong	-11819 Feb 18 j 00:42	4° ♄ 35'05	0°04'28	inferior conj	-11818 Jan 28 j 23:08	15° ♄ 20'20	1°49'42
transit middle	-11819 Feb 18 j 00:42	4° ♄ 35'05	0°04'28	minimum elong	-11818 Jan 29 j 03:35	15° ♄ 14'00	1°47'56
transit begin	-11819 Feb 17 j 20:49	4° ♄ 40'50		min. Earth dist.	-11818 Jan 29 j 03:10	15° ♄ 14'34	0.55450 AU
transit end	-11819 Feb 18 j 04:34	4° ♄ 29'20		desc. node	-11818 Feb 05 j 05:19	11° ♄ 47'13	
desc. node	-11819 Feb 18 j 08:30	4° ♄ 23'31		morning rise	-11818 Feb 07 j 09:00	11° ♄ 12'34	
morning rise	-11819 Feb 27 j 04:18	0° ♄ 31'40		direct	-11818 Feb 10 j 01:08	10° ♄ 56'33	
direct	-11819 Mar 01 j 09:19	0° ♄ 19'37		morning max el	-11818 Feb 22 j 09:33	16° ♄ 54'09	21°43'55
morning max el	-11819 Mar 12 j 04:09	5° ♄ 26'46	20°21'43		-11818 Mar 04 j 12:11	0° ♄	
	-11819 Mar 28 j 04:24	0° ♄		morning set	-11818 Mar 14 j 23:36	19° ♄ 40'37	
asc. node	-11819 Mar 30 j 09:11	4° ♄ 24'12		asc. node	-11818 Mar 17 j 06:16	24° ♄ 25'33	
morning set	-11819 Mar 30 j 14:36	4° ♄ 51'43			-11818 Mar 19 j 21:52	0° ♄	
superior conj	-11819 Apr 07 j 10:18	20° ♄ 50'38	1°08'44	superior conj	-11818 Mar 22 j 09:06	5° ♄ 10'18	0°46'31
minimum elong	-11819 Apr 07 j 07:33	20° ♄ 36'42	1°07'42	minimum elong	-11818 Mar 22 j 07:08	5° ♄ 00'02	0°45'31
max. Earth dist.	-11819 Apr 12 j 05:26	0° ♄ 20'08	1.36211 AU	max. Earth dist.	-11818 Mar 25 j 20:34	12° ♄ 19'29	1.34847 AU
	-11819 Apr 12 j 01:16	0° ♄		evening rise	-11818 Mar 30 j 15:32	21° ♄ 47'06	
evening rise	-11819 Apr 16 j 11:28	8° ♄ 22'12			-11818 Apr 04 j 01:05	0° ♄	
	-11819 Apr 29 j 02:16	0° ♄			-11818 Apr 22 j 20:39	0° ♄	
desc. node	-11819 May 17 j 07:11	25° ♄ 28'02		desc. node	-11818 May 04 j 04:33	13° ♄ 38'28	
	-11819 May 21 j 09:42	0° ♄		evening max el	-11818 May 04 j 16:17	14° ♄ 07'35	26°58'41
evening max el	-11819 May 22 j 05:25	0° ♄ 49'41	26°06'21	retrograde	-11818 May 17 j 21:35	21° ♄ 37'42	
retrograde	-11819 Jun 03 j 18:37	8° ♄ 06'03		evening set	-11818 May 24 j 15:46	18° ♄ 50'54	
evening set	-11819 Jun 10 j 02:31	5° ♄ 22'29		min. Earth dist.	-11818 May 28 j 11:54	14° ♄ 57'12	0.65134 AU
min. Earth dist.	-11819 Jun 14 j 05:39	0° ♄ 50'22	0.66206 AU	inferior conj	-11818 May 30 j 10:26	12° ♄ 40'28	-3°13'44
	-11819 Jun 14 j 21:35	30° ♄		minimum elong	-11818 May 30 j 12:15	12° ♄ 35'06	3°13'43
inferior conj	-11819 Jun 15 j 13:53	29° ♄ 08'10	-2°49'23	morning rise	-11818 Jun 05 j 09:04	7° ♄ 03'09	
minimum elong	-11819 Jun 15 j 16:11	29° ♄ 00'52	2°48'56	direct	-11818 Jun 08 j 10:12	6° ♄ 11'50	
morning rise	-11819 Jun 21 j 05:56	23° ♄ 15'57		asc. node	-11818 Jun 13 j 06:38	8° ♄ 13'42	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

morning max el	-11818 Jun 15 j 00:38	9° H 49'03	18°31'10	morning rise	-11817 May 20 j 06:34	20° \approx 42'45	
	-11818 Jun 28 j 23:53	0° Y		direct	-11817 May 23 j 02:14	20° \approx 02'24	
morning set	-11818 Jul 04 j 19:50	9° Y 34'55		morning max el	-11817 May 29 j 13:55	23° \approx 27'00	18°07'46
	-11818 Jul 17 j 10:12	0° B		asc. node	-11817 May 31 j 03:26	25° \approx 08'43	
					-11817 Jun 03 j 19:04	0° H	
superior conj	-11818 Jul 19 j 15:36	3° B 32'49	1°03'45	morning set	-11817 Jun 16 j 06:38	20° H 39'51	
minimum elong	-11818 Jul 19 j 22:02	3° B 58'23	1°03'25		-11817 Jun 21 j 17:48	0° Y	
max. Earth dist.	-11818 Jul 21 j 19:24	6° B 58'25	1.44497 AU				
desc. node	-11818 Jul 31 j 01:16	21° B 34'03		superior conj	-11817 Jun 29 j 05:28	12° Y 28'06	1°34'00
evening rise	-11818 Aug 05 j 05:13	29° B 41'52		minimum elong	-11817 Jun 29 j 10:48	12° Y 49'55	1°33'46
	-11818 Aug 05 j 09:49	0° II		max. Earth dist.	-11817 Jul 04 j 10:04	20° Y 52'57	1.43793 AU
	-11818 Aug 25 j 08:28	0° B			-11817 Jul 10 j 03:48	0° B	
evening max el	-11818 Aug 28 j 10:53	3° B 34'40	19°20'48	evening rise	-11817 Jul 15 j 11:15	8° B 18'07	
retrograde	-11818 Sep 04 j 13:22	7° B 38'22		desc. node	-11817 Jul 17 j 22:41	12° B 08'13	
evening set	-11818 Sep 07 j 20:01	6° B 36'12			-11817 Jul 29 j 17:25	0° II	
asc. node	-11818 Sep 09 j 07:14	5° B 29'16		evening max el	-11817 Aug 11 j 15:21	17° II 02'23	20°17'56
inferior conj	-11818 Sep 13 j 12:31	0° B 43'02	1°18'46	retrograde	-11817 Aug 19 j 10:09	21° II 34'33	
minimum elong	-11818 Sep 13 j 10:43	0° B 48'46	1°18'45	evening set	-11817 Aug 23 j 03:08	20° II 15'11	
	-11818 Sep 14 j 02:01	30° R II		asc. node	-11817 Aug 27 j 04:14	16° II 03'13	
min. Earth dist.	-11818 Sep 14 j 19:31	29° II 04'30	0.65811 AU	inferior conj	-11817 Aug 28 j 13:55	14° II 12'23	0°26'35
morning rise	-11818 Sep 19 j 01:04	24° II 26'30		minimum elong	-11817 Aug 28 j 13:18	14° II 14'25	0°26'59
direct	-11818 Sep 25 j 04:03	21° II 50'59		min. Earth dist.	-11817 Aug 29 j 09:41	13° II 06'17	0.66581 AU
morning max el	-11818 Oct 07 j 16:05	29° II 08'58	26°04'47	morning rise	-11817 Sep 02 j 23:15	7° II 51'47	
	-11818 Oct 08 j 12:14	0° B		direct	-11817 Sep 08 j 12:05	5° II 30'27	
desc. node	-11818 Oct 27 j 00:20	24° B 07'11		morning max el	-11817 Sep 20 j 01:55	12° II 24'13	24°50'46
	-11818 Oct 30 j 19:30	0° Q			-11817 Oct 04 j 07:20	0° B	
morning set	-11818 Nov 12 j 16:18	22° Q 02'45		desc. node	-11817 Oct 13 j 21:10	14° B 10'50	
	-11818 Nov 16 j 21:08	0° M			-11817 Oct 23 j 13:26	0° Q	
max. Earth dist.	-11818 Nov 16 j 18:25	29° Q 46'47	1.35878 AU	morning set	-11817 Oct 25 j 22:26	4° Q 07'31	
				max. Earth dist.	-11817 Oct 29 j 20:13	11° Q 08'21	1.37637 AU
superior conj	-11818 Nov 21 j 19:43	9° M 48'32	-1°35'56				
minimum elong	-11818 Nov 21 j 20:45	9° M 53'46	1°35'38	superior conj	-11817 Nov 05 j 07:55	23° Q 24'07	-1°38'25
evening rise	-11818 Nov 29 j 13:21	25° M 42'20		minimum elong	-11817 Nov 05 j 07:33	23° Q 22'21	1°37'59
	-11818 Dec 01 j 16:16	0° B			-11817 Nov 08 j 16:19	0° M	
asc. node	-11818 Dec 06 j 05:29	8° B 43'33		evening rise	-11817 Nov 13 j 16:05	9° M 58'31	
evening max el	-11818 Dec 18 j 02:20	25° B 26'53	20°21'58	asc. node	-11817 Nov 23 j 02:49	27° M 31'14	
	-11818 Dec 25 j 15:39	0° M			-11817 Nov 24 j 16:50	0° B	
retrograde	-11818 Dec 28 j 14:37	0° M 23'00		evening max el	-11817 Nov 30 j 17:38	7° B 28'20	19°18'32
evening set	-11818 Dec 31 j 06:06	0° M 05'34		retrograde	-11817 Dec 09 j 18:08	11° B 45'23	
	-11818 Dec 31 j 15:46	30° R B		evening set	-11817 Dec 12 j 06:33	11° B 26'51	
inferior conj	-11817 Jan 08 j 22:31	26° B 05'13	3°16'20	inferior conj	-11817 Dec 20 j 10:48	7° B 14'40	4°05'36
minimum elong	-11817 Jan 09 j 04:11	25° B 56'42	3°14'51	minimum elong	-11817 Dec 20 j 13:46	7° B 09'39	4°05'14
min. Earth dist.	-11817 Jan 10 j 16:27	25° B 02'24	0.55922 AU	min. Earth dist.	-11817 Dec 23 j 06:17	5° B 21'25	0.57132 AU
morning rise	-11817 Jan 18 j 00:39	21° B 38'42		morning rise	-11817 Dec 28 j 18:50	2° B 23'33	
direct	-11817 Jan 21 j 17:48	21° B 08'19		direct	-11816 Jan 02 j 20:37	1° B 24'11	
desc. node	-11817 Jan 23 j 02:05	21° B 12'25		desc. node	-11816 Jan 09 j 22:47	3° B 19'26	
morning max el	-11817 Feb 04 j 05:05	27° B 47'39	23°18'29	morning max el	-11816 Jan 16 j 19:56	8° B 29'13	24°54'15
	-11817 Feb 06 j 08:57	0° M			-11816 Feb 01 j 17:27	0° M	
	-11817 Feb 25 j 04:45	0° J		morning set	-11816 Feb 11 j 23:47	19° M 46'11	
morning set	-11817 Feb 27 j 11:15	4° J 40'54			-11816 Feb 16 j 18:22	0° J	
asc. node	-11817 Mar 04 j 03:21	14° J 36'43					
superior conj	-11817 Mar 06 j 14:14	19° J 51'51	0°23'06	superior conj	-11816 Feb 18 j 23:27	4° J 47'59	-0°00'25
minimum elong	-11817 Mar 06 j 13:16	19° J 46'40	0°22'16	minimum elong	-11816 Feb 18 j 23:30	4° J 48'15	0°01'01
max. Earth dist.	-11817 Mar 08 j 21:26	24° J 44'20	1.33832 AU	behind sun begin	-11816 Feb 18 j 18:26	4° J 20'48	
	-11817 Mar 11 j 10:10	0° B		behind sun end	-11816 Feb 19 j 04:33	5° J 15'40	
evening rise	-11817 Mar 14 j 07:33	5° B 50'19		asc. node	-11816 Feb 19 j 00:30	4° J 53'45	
	-11817 Mar 27 j 16:42	0° \approx		max. Earth dist.	-11816 Feb 20 j 05:51	7° J 32'20	1.33163 AU
evening max el	-11817 Apr 17 j 02:37	27° \approx 09'26	27°25'09	evening rise	-11816 Feb 26 j 07:57	20° J 20'45	
	-11817 Apr 20 j 06:37	0° H			-11816 Mar 02 j 05:50	0° B	
desc. node	-11817 Apr 21 j 01:52	0° H 38'12			-11816 Mar 20 j 22:22	0° \approx	
retrograde	-11817 Apr 30 j 18:56	4° H 44'25		evening max el	-11816 Mar 29 j 10:30	9° \approx 45'01	27°20'31
evening set	-11817 May 07 j 17:43	2° H 06'44		desc. node	-11816 Apr 06 j 23:06	15° \approx 59'38	
	-11817 May 10 j 04:13	30° R \approx		retrograde	-11816 Apr 12 j 09:52	17° \approx 17'54	
min. Earth dist.	-11817 May 11 j 09:47	28° \approx 45'56	0.63667 AU	evening set	-11816 Apr 19 j 05:04	15° \approx 02'50	
inferior conj	-11817 May 13 j 22:58	26° \approx 02'55	-3°26'48	min. Earth dist.	-11816 Apr 22 j 22:44	12° \approx 04'13	0.61870 AU
minimum elong	-11817 May 13 j 23:42	26° \approx 00'56	3°27'10	inferior conj	-11816 Apr 26 j 00:26	9° \approx 09'48	-3°24'36
				minimum elong	-11816 Apr 25 j 23:31	9° \approx 11'58	3°25'05

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

morning rise	-11816 May 02 j 19:39	4°≈08'24		direct	-11815 Apr 18 j 07:48	16°≈34'40	
direct	-11816 May 05 j 10:44	3°≈37'27		morning max el	-11815 Apr 25 j 15:27	20°≈21'41	18°16'21
morning max el	-11816 May 12 j 03:47	7°≈00'36	18°02'37		-11815 May 02 j 21:45	0°≈	
asc. node	-11816 May 17 j 00:14	13°≈00'41		asc. node	-11815 May 03 j 21:02	1°≈36'10	
	-11816 May 27 j 02:01	0°≈		morning set	-11815 May 11 j 17:41	15°≈50'05	
morning set	-11816 May 28 j 15:32	2°≈48'45			-11815 May 19 j 08:05	0°≈	
superior conj	-11816 Jun 08 j 21:14	22°≈39'58	1°47'54	superior conj	-11815 May 21 j 14:56	4°≈09'17	1°47'40
minimum elong	-11816 Jun 08 j 22:52	22°≈46'58	1°47'45	minimum elong	-11815 May 21 j 13:33	4°≈03'03	1°47'18
	-11816 Jun 13 j 05:17	0°≈		max. Earth dist.	-11815 May 29 j 00:01	17°≈05'28	1.40806 AU
max. Earth dist.	-11816 Jun 15 j 19:47	4°≈18'47	1.42504 AU	evening rise	-11815 Jun 03 j 06:47	25°≈54'20	
evening rise	-11816 Jun 23 j 12:26	16°≈41'05			-11815 Jun 05 j 19:26	0°≈	
	-11816 Jul 02 j 03:25	0°≈		desc. node	-11815 Jun 20 j 17:36	22°≈44'25	
desc. node	-11816 Jul 03 j 20:08	2°≈33'18			-11815 Jun 25 j 21:35	0°≈	
	-11816 Jul 24 j 02:43	0°≈		evening max el	-11815 Jul 07 j 04:12	13°≈47'29	22°47'34
evening max el	-11816 Jul 24 j 13:00	0°≈26'31	21°28'10	retrograde	-11815 Jul 17 j 00:13	19°≈37'33	
retrograde	-11816 Aug 02 j 06:16	5°≈35'08		evening set	-11815 Jul 21 j 19:37	17°≈36'59	
evening set	-11816 Aug 06 j 11:38	3°≈55'55		inferior conj	-11815 Jul 27 j 00:53	11°≈23'20	-1°11'23
	-11816 Aug 10 j 03:05	30°≈		minimum elong	-11815 Jul 27 j 02:17	11°≈18'27	1°10'26
inferior conj	-11816 Aug 11 j 18:39	27°≈46'24	-0°23'59	min. Earth dist.	-11815 Jul 26 j 23:31	11°≈28'02	0.67241 AU
minimum elong	-11816 Aug 11 j 19:08	27°≈44'42	0°23'13	asc. node	-11815 Jul 30 j 22:02	6°≈27'50	
min. Earth dist.	-11816 Aug 12 j 03:50	27°≈14'48	0.67060 AU	morning rise	-11815 Aug 01 j 08:51	5°≈06'30	
asc. node	-11816 Aug 13 j 01:10	26°≈02'08		direct	-11815 Aug 05 j 18:28	3°≈21'02	
morning rise	-11816 Aug 17 j 02:29	21°≈25'45		morning max el	-11815 Aug 15 j 01:36	8°≈56'06	22°04'43
direct	-11816 Aug 22 j 01:13	19°≈21'53			-11815 Aug 31 j 05:48	0°≈	
morning max el	-11816 Sep 01 j 12:13	25°≈39'27	23°27'52	morning set	-11815 Sep 16 j 08:34	24°≈36'00	
	-11816 Sep 05 j 10:25	0°≈		desc. node	-11815 Sep 16 j 15:03	25°≈01'58	
	-11816 Sep 26 j 20:57	0°≈			-11815 Sep 19 j 16:47	0°≈	
desc. node	-11816 Sep 29 j 18:03	4°≈30'46		max. Earth dist.	-11815 Sep 22 j 20:30	5°≈12'16	1.41534 AU
morning set	-11816 Oct 06 j 04:41	14°≈59'51		superior conj	-11815 Sep 30 j 08:29	18°≈02'32	-1°15'39
max. Earth dist.	-11816 Oct 10 j 18:33	22°≈47'55	1.39609 AU	minimum elong	-11815 Sep 30 j 04:34	17°≈45'18	1°14'38
	-11816 Oct 14 j 20:13	0°≈			-11815 Oct 07 j 00:13	0°≈	
superior conj	-11816 Oct 18 j 05:56	6°≈13'27	-1°32'25	evening rise	-11815 Oct 10 j 20:36	7°≈05'23	
minimum elong	-11816 Oct 18 j 03:43	6°≈03'08	1°31'44		-11815 Oct 24 j 11:40	0°≈	
evening rise	-11816 Oct 27 j 11:32	23°≈48'36		asc. node	-11815 Oct 26 j 21:25	2°≈46'40	
	-11816 Oct 30 j 17:16	0°≈		evening max el	-11815 Oct 27 j 02:40	2°≈59'53	18°11'40
asc. node	-11816 Nov 09 j 00:08	15°≈36'32		retrograde	-11815 Nov 03 j 04:34	6°≈35'53	
evening max el	-11816 Nov 12 j 18:32	20°≈01'38	18°35'01	evening set	-11815 Nov 05 j 16:36	6°≈09'39	
retrograde	-11816 Nov 20 j 14:50	23°≈51'51		inferior conj	-11815 Nov 12 j 19:29	1°≈15'53	3°59'36
evening set	-11816 Nov 23 j 02:22	23°≈30'12		minimum elong	-11815 Nov 12 j 16:24	1°≈22'46	3°59'33
inferior conj	-11816 Nov 30 j 17:44	18°≈58'23	4°16'46		-11815 Nov 14 j 05:15	30°≈	
minimum elong	-11816 Nov 30 j 17:01	18°≈59'46	4°16'55	min. Earth dist.	-11815 Nov 15 j 21:04	28°≈32'23	0.60676 AU
min. Earth dist.	-11816 Dec 03 j 22:42	16°≈29'52	0.58820 AU	morning rise	-11815 Nov 19 j 14:50	25°≈43'27	
morning rise	-11816 Dec 08 j 05:49	13°≈45'08		direct	-11815 Nov 26 j 12:18	23°≈32'13	
direct	-11816 Dec 14 j 11:26	12°≈08'02			-11815 Dec 09 j 11:06	0°≈	
desc. node	-11816 Dec 26 j 19:25	17°≈51'28		morning max el	-11815 Dec 10 j 11:12	0°≈56'23	27°12'16
morning max el	-11816 Dec 28 j 12:34	19°≈25'18	26°16'34	desc. node	-11815 Dec 13 j 16:03	4°≈15'22	
	-11815 Jan 06 j 13:25	0°≈			-11815 Dec 31 j 12:53	0°≈	
	-11815 Jan 24 j 03:15	0°≈		morning set	-11814 Jan 10 j 20:07	19°≈42'13	
morning set	-11815 Jan 26 j 11:20	4°≈48'54			-11814 Jan 15 j 16:30	0°≈	
superior conj	-11815 Feb 02 j 10:48	19°≈50'59	-0°23'12	superior conj	-11814 Jan 17 j 22:38	4°≈54'33	-0°44'30
minimum elong	-11815 Feb 02 j 11:45	19°≈56'08	0°23'32	minimum elong	-11814 Jan 18 j 00:16	5°≈03'28	0°44'35
max. Earth dist.	-11815 Feb 02 j 18:31	20°≈33'08	1.32828 AU	max. Earth dist.	-11814 Jan 17 j 07:51	3°≈33'50	1.32821 AU
asc. node	-11815 Feb 04 j 21:41	25°≈11'34		asc. node	-11814 Jan 22 j 18:57	15°≈26'12	
	-11815 Feb 07 j 03:21	0°≈		evening rise	-11814 Jan 24 j 23:26	20°≈04'22	
evening rise	-11815 Feb 09 j 13:57	5°≈08'01			-11814 Jan 29 j 21:30	0°≈	
	-11815 Feb 22 j 23:38	0°≈			-11814 Feb 18 j 10:32	0°≈	
evening max el	-11815 Mar 11 j 13:51	21°≈45'11	26°43'07	evening max el	-11814 Feb 21 j 11:36	3°≈08'26	25°36'15
desc. node	-11815 Mar 24 j 20:13	29°≈08'22		retrograde	-11814 Mar 07 j 13:10	10°≈19'32	
retrograde	-11815 Mar 25 j 16:39	29°≈10'14		desc. node	-11814 Mar 11 j 17:15	9°≈37'51	
evening set	-11815 Mar 31 j 22:41	27°≈27'49		evening set	-11814 Mar 12 j 21:20	9°≈11'40	
min. Earth dist.	-11815 Apr 05 j 03:16	24°≈37'25	0.59895 AU	min. Earth dist.	-11814 Mar 18 j 00:58	6°≈15'46	0.57985 AU
inferior conj	-11815 Apr 08 j 11:16	21°≈52'22	-3°01'39	inferior conj	-11814 Mar 21 j 04:01	4°≈02'02	-2°11'46
minimum elong	-11815 Apr 08 j 08:32	21°≈58'04	3°01'53	minimum elong	-11814 Mar 21 j 00:24	4°≈08'32	2°11'35
morning rise	-11815 Apr 15 j 20:57	17°≈10'39			-11814 Mar 28 j 02:56	30°≈	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

morning rise	-11814 Mar 29 j 06:39	29° ♄ 39'38		morning rise	-11813 Mar 10 j 20:49	11° ♄ 26'08	
direct	-11814 Mar 31 j 13:25	29° ♄ 22'59		direct	-11813 Mar 13 j 00:51	11° ♄ 13'32	
	-11814 Apr 03 j 20:49	0° ♄		morning max el	-11813 Mar 22 j 20:45	15° ♄ 52'04	19°42'37
morning max el	-11814 Apr 08 j 22:05	3° ♄ 21'49	18°49'34		-11813 Apr 02 j 02:44	0° ♄	
asc. node	-11814 Apr 20 j 17:54	20° ♄ 45'08		asc. node	-11813 Apr 07 j 14:52	10° ♄ 19'49	
morning set	-11814 Apr 25 j 08:41	29° ♄ 33'10		morning set	-11813 Apr 09 j 08:55	13° ♄ 48'47	
	-11814 Apr 25 j 14:12	0° ♄			-11813 Apr 17 j 10:24	0° ♄	
superior conj	-11814 May 04 j 05:44	16° ♄ 43'52	1°37'19	superior conj	-11813 Apr 17 j 12:22	0° ♄ 09'41	1°20'23
minimum elong	-11814 May 04 j 02:55	16° ♄ 30'32	1°36'36	minimum elong	-11813 Apr 17 j 09:21	29° ♄ 54'48	1°19'26
max. Earth dist.	-11814 May 11 j 00:39	29° ♄ 12'50	1.38934 AU	max. Earth dist.	-11813 Apr 23 j 02:32	10° ♄ 56'27	1.37130 AU
	-11814 May 11 j 11:15	0° ♄		evening rise	-11813 Apr 27 j 03:28	18° ♄ 21'54	
evening rise	-11814 May 15 j 04:19	6° ♄ 28'32			-11813 May 03 j 20:28	0° ♄	
	-11814 May 29 j 20:15	0° ♄			-11813 May 23 j 23:45	0° ♄	
desc. node	-11814 Jun 07 j 15:06	12° ♄ 35'07		desc. node	-11813 May 25 j 12:34	1° ♄ 57'07	
evening max el	-11814 Jun 19 j 15:02	27° ♄ 07'12	24°09'57	evening max el	-11813 Jun 02 j 00:33	10° ♄ 28'29	25°27'24
	-11814 Jun 22 j 18:24	0° ♄		retrograde	-11813 Jun 14 j 01:41	17° ♄ 32'08	
retrograde	-11814 Jun 30 j 14:55	3° ♄ 37'52		evening set	-11813 Jun 20 j 02:14	14° ♄ 54'27	
evening set	-11814 Jul 06 j 01:09	1° ♄ 16'44		min. Earth dist.	-11813 Jun 24 j 10:01	9° ♄ 59'57	0.66640 AU
	-11814 Jul 07 j 08:26	30° ♄		inferior conj	-11813 Jun 25 j 10:45	8° ♄ 38'56	-2°31'20
inferior conj	-11814 Jul 11 j 06:50	25° ♄ 01'07	-1°54'18	minimum elong	-11813 Jun 25 j 13:06	8° ♄ 31'17	2°30'41
minimum elong	-11814 Jul 11 j 08:53	24° ♄ 54'08	1°53'23	morning rise	-11813 Jun 30 j 23:59	2° ♄ 39'43	
min. Earth dist.	-11814 Jul 10 j 18:19	25° ♄ 43'42	0.67111 AU	direct	-11813 Jul 04 j 12:25	1° ♄ 27'48	
morning rise	-11814 Jul 16 j 16:35	18° ♄ 51'35		asc. node	-11813 Jul 04 j 15:39	1° ♄ 27'54	
asc. node	-11814 Jul 17 j 18:52	18° ♄ 09'05		morning max el	-11813 Jul 11 j 22:06	5° ♄ 45'18	19°42'55
direct	-11814 Jul 20 j 14:40	17° ♄ 23'47			-11813 Jul 29 j 06:01	0° ♄	
morning max el	-11814 Jul 28 j 20:33	22° ♄ 17'10	20°48'04	morning set	-11813 Aug 05 j 20:05	11° ♄ 48'01	
	-11814 Aug 04 j 05:58	0° ♄			-11813 Aug 17 j 09:53	0° ♄	
	-11814 Aug 24 j 13:35	0° ♄		max. Earth dist.	-11813 Aug 18 j 18:26	2° ♄ 09'17	1.44190 AU
morning set	-11814 Aug 26 j 15:57	3° ♄ 15'35		desc. node	-11813 Aug 21 j 09:24	6° ♄ 20'32	
desc. node	-11814 Sep 03 j 12:10	15° ♄ 39'38		superior conj	-11813 Aug 22 j 07:19	7° ♄ 48'23	-0°05'29
max. Earth dist.	-11814 Sep 05 j 04:54	18° ♄ 23'52	1.43132 AU	minimum elong	-11813 Aug 22 j 06:45	7° ♄ 46'09	0°04'49
superior conj	-11814 Sep 11 j 09:43	28° ♄ 35'24	-0°46'20	behind sun begin	-11813 Aug 21 j 20:13	7° ♄ 03'53	
minimum elong	-11814 Sep 11 j 05:47	28° ♄ 18'59	0°45'11	behind sun end	-11813 Aug 22 j 17:18	8° ♄ 28'29	
	-11814 Sep 12 j 05:55	0° ♄			-11813 Sep 04 j 19:55	0° ♄	
evening rise	-11814 Sep 23 j 15:00	19° ♄ 37'52		evening rise	-11813 Sep 05 j 13:24	1° ♄ 13'14	
	-11814 Sep 29 j 13:02	0° ♄		evening max el	-11813 Sep 24 j 04:43	29° ♄ 39'11	18°22'36
evening max el	-11814 Oct 10 j 15:02	16° ♄ 14'27	18°07'50		-11813 Sep 24 j 13:02	0° ♄	
asc. node	-11814 Oct 13 j 18:40	18° ♄ 45'28		retrograde	-11813 Sep 30 j 19:41	3° ♄ 17'04	
retrograde	-11814 Oct 17 j 07:36	19° ♄ 46'56		asc. node	-11813 Sep 30 j 15:51	3° ♄ 16'56	
evening set	-11814 Oct 19 j 21:52	19° ♄ 14'19		evening set	-11813 Oct 03 j 14:26	2° ♄ 35'34	
inferior conj	-11814 Oct 26 j 13:15	14° ♄ 00'08	3°24'32		-11813 Oct 07 j 01:32	30° ♄	
minimum elong	-11814 Oct 26 j 09:26	14° ♄ 09'49	3°24'10	inferior conj	-11813 Oct 09 j 19:39	27° ♄ 03'56	2°39'14
min. Earth dist.	-11814 Oct 29 j 04:35	11° ♄ 20'16	0.62444 AU	minimum elong	-11813 Oct 09 j 16:13	27° ♄ 13'37	2°38'48
morning rise	-11814 Nov 01 j 19:59	8° ♄ 10'58		min. Earth dist.	-11813 Oct 11 j 22:21	24° ♄ 41'31	0.63983 AU
direct	-11814 Nov 08 j 21:29	5° ♄ 36'52		morning rise	-11813 Oct 15 j 17:16	21° ♄ 01'12	
morning max el	-11814 Nov 22 j 16:09	13° ♄ 07'02	27°34'13	direct	-11813 Oct 22 j 14:05	18° ♄ 17'27	
desc. node	-11814 Nov 30 j 12:40	21° ♄ 59'48		morning max el	-11813 Nov 05 j 01:07	25° ♄ 50'17	27°21'54
	-11814 Dec 06 j 08:44	0° ♄			-11813 Nov 08 j 23:27	0° ♄	
	-11814 Dec 23 j 20:17	0° ♄		desc. node	-11813 Nov 17 j 09:22	10° ♄ 41'47	
morning set	-11814 Dec 25 j 23:55	4° ♄ 18'00			-11813 Nov 29 j 19:23	0° ♄	
max. Earth dist.	-11814 Dec 31 j 18:01	16° ♄ 20'41	1.33156 AU	morning set	-11813 Dec 09 j 20:05	18° ♄ 27'18	
superior conj	-11813 Jan 02 j 09:16	19° ♄ 52'11	-1°03'35	max. Earth dist.	-11813 Dec 14 j 21:12	28° ♄ 41'25	1.33876 AU
minimum elong	-11813 Jan 02 j 11:18	20° ♄ 03'11	1°03'29		-11813 Dec 15 j 12:15	0° ♄	
	-11813 Jan 07 j 01:38	0° ♄		superior conj	-11813 Dec 17 j 16:52	4° ♄ 37'35	-1°19'36
evening rise	-11813 Jan 09 j 10:33	5° ♄ 02'36		minimum elong	-11813 Dec 17 j 18:55	4° ♄ 48'27	1°19'23
asc. node	-11813 Jan 09 j 16:18	5° ♄ 32'48		evening rise	-11813 Dec 24 j 21:37	19° ♄ 56'41	
	-11813 Jan 22 j 22:57	0° ♄		asc. node	-11813 Dec 27 j 13:41	25° ♄ 26'09	
evening max el	-11813 Feb 03 j 05:12	14° ♄ 05'13	24°09'18		-11813 Dec 29 j 21:12	0° ♄	
retrograde	-11813 Feb 16 j 21:58	20° ♄ 52'34		evening max el	-11812 Jan 15 j 23:15	24° ♄ 57'22	22°35'15
evening set	-11813 Feb 21 j 04:01	20° ♄ 12'16			-11812 Jan 23 j 09:13	0° ♄	
desc. node	-11813 Feb 26 j 14:10	17° ♄ 41'06		retrograde	-11812 Jan 28 j 19:01	1° ♄ 06'50	
min. Earth dist.	-11813 Feb 27 j 18:23	16° ♄ 58'43	0.56439 AU	evening set	-11812 Feb 01 j 02:43	0° ♄ 42'39	
inferior conj	-11813 Mar 02 j 00:58	15° ♄ 33'23	-0°51'56		-11812 Feb 03 j 09:35	30° ♄	
minimum elong	-11813 Mar 01 j 22:58	15° ♄ 36'32	0°51'58	min. Earth dist.	-11812 Feb 09 j 09:48	26° ♄ 58'44	0.55563 AU

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

inferior conj	-11812 Feb 10 j 05:13	26° \mathbb{M} 30'43	0°49'54	minimum elong	-11811 Jan 20 j 08:10	7° \mathbb{M} 05'35	2°28'19
minimum elong	-11812 Feb 10 j 07:19	26° \mathbb{M} 27'40	0°48'42	min. Earth dist.	-11811 Jan 20 j 23:59	6° \mathbb{M} 42'48	0.55547 AU
desc. node	-11812 Feb 13 j 11:02	24° \mathbb{M} 42'21		morning rise	-11811 Jan 29 j 10:52	2° \mathbb{M} 58'43	
morning rise	-11812 Feb 19 j 13:08	22° \mathbb{M} 27'19		desc. node	-11811 Jan 30 j 07:50	2° \mathbb{M} 48'43	
direct	-11812 Feb 21 j 20:51	22° \mathbb{M} 14'39		direct	-11811 Feb 01 j 12:02	2° \mathbb{M} 38'10	
morning max el	-11812 Mar 04 j 08:53	27° \mathbb{M} 43'43	20°54'49	morning max el	-11811 Feb 14 j 09:48	8° \mathbb{M} 56'00	22°23'01
	-11812 Mar 06 j 13:36	0° \mathbb{X}			-11811 Mar 01 j 07:04	0° \mathbb{X}	
morning set	-11812 Mar 23 j 15:23	28° \mathbb{X} 27'34		morning set	-11811 Mar 08 j 01:46	13° \mathbb{X} 22'21	
asc. node	-11812 Mar 24 j 11:54	0° \mathbb{Z} 12'56		asc. node	-11811 Mar 11 j 09:00	20° \mathbb{X} 19'13	
	-11812 Mar 24 j 09:23	0° \mathbb{Z}					
superior conj	-11812 Mar 31 j 06:17	14° \mathbb{Z} 12'50	0°59'33	superior conj	-11811 Mar 15 j 08:07	28° \mathbb{X} 43'12	0°36'41
minimum elong	-11812 Mar 31 j 03:49	14° \mathbb{Z} 00'13	0°58'30	minimum elong	-11811 Mar 15 j 06:34	28° \mathbb{X} 35'00	0°35'43
max. Earth dist.	-11812 Apr 04 j 11:30	22° \mathbb{Z} 42'19	1.35581 AU	max. Earth dist.	-11811 Mar 15 j 22:44	0° \mathbb{Z}	
	-11812 Apr 08 j 06:00	0° \approx		evening rise	-11811 Mar 18 j 06:49	4° \mathbb{Z} 51'55	1.34376 AU
evening rise	-11812 Apr 08 j 22:37	1° \approx 18'20			-11811 Mar 23 j 08:21	15° \mathbb{Z} 01'49	
	-11812 Apr 25 j 21:23	0° \mathbb{H}			-11811 Mar 31 j 10:53	0° \approx	
desc. node	-11812 May 11 j 09:59	20° \mathbb{H} 38'08		evening max el	-11811 Apr 20 j 13:03	0° \mathbb{H}	
evening max el	-11812 May 14 j 10:46	23° \mathbb{H} 49'09	26°31'22	desc. node	-11811 Apr 26 j 21:45	7° \mathbb{H} 02'06	27°13'30
	-11812 May 22 j 13:09	0° \mathbb{Y}		retrograde	-11811 Apr 28 j 07:18	8° \mathbb{H} 21'26	
retrograde	-11812 May 27 j 07:49	1° \mathbb{Y} 13'39		retrograde	-11811 May 10 j 08:35	14° \mathbb{H} 35'17	
	-11812 May 31 j 16:56	30° \mathbb{R}		evening set	-11811 May 17 j 05:22	11° \mathbb{H} 51'01	
evening set	-11812 Jun 02 j 20:33	28° \mathbb{H} 27'12		min. Earth dist.	-11811 May 20 j 23:23	8° \mathbb{H} 11'57	0.64555 AU
min. Earth dist.	-11812 Jun 06 j 20:23	24° \mathbb{H} 11'46	0.65793 AU	inferior conj	-11811 May 23 j 04:06	5° \mathbb{H} 42'48	-3°20'55
inferior conj	-11812 Jun 08 j 10:37	22° \mathbb{H} 13'57	-3°00'57	minimum elong	-11811 May 23 j 05:32	5° \mathbb{H} 38'42	3°21'04
minimum elong	-11812 Jun 08 j 12:47	22° \mathbb{H} 07'16	3°00'41	morning rise	-11811 May 29 j 06:14	0° \mathbb{H} 12'13	
morning rise	-11812 Jun 14 j 05:13	16° \mathbb{H} 27'47			-11811 May 29 j 16:19	30° \mathbb{R}	
direct	-11812 Jun 17 j 09:55	15° \mathbb{H} 29'38		direct	-11811 Jun 01 j 04:51	29° \approx 25'46	
asc. node	-11812 Jun 20 j 12:27	16° \mathbb{H} 21'36			-11811 Jun 03 j 17:50	0° \mathbb{H}	
morning max el	-11812 Jun 24 j 05:33	19° \mathbb{H} 19'12	18°52'32	asc. node	-11811 Jun 07 j 09:15	2° \mathbb{H} 36'54	
	-11812 Jul 02 j 08:35	0° \mathbb{Y}		morning max el	-11811 Jun 07 j 17:15	2° \mathbb{H} 56'37	18°18'55
morning set	-11812 Jul 15 j 15:44	21° \mathbb{Y} 03'42			-11811 Jun 25 j 15:03	0° \mathbb{Y}	
	-11812 Jul 21 j 05:44	0° \mathbb{B}		morning set	-11811 Jun 26 j 12:10	1° \mathbb{Y} 28'23	
superior conj	-11812 Jul 31 j 09:34	16° \mathbb{B} 07'23	0°40'02	superior conj	-11811 Jul 10 j 13:05	24° \mathbb{Y} 31'44	1°18'33
minimum elong	-11812 Jul 31 j 14:16	16° \mathbb{B} 25'57	0°39'56	minimum elong	-11811 Jul 10 j 19:38	24° \mathbb{Y} 58'01	1°18'13
max. Earth dist.	-11812 Jul 31 j 10:25	16° \mathbb{B} 10'44	1.44584 AU	max. Earth dist.	-11811 Jul 13 j 23:12	0° \mathbb{B}	
desc. node	-11812 Aug 07 j 06:43	27° \mathbb{B} 01'18		desc. node	-11811 Jul 14 j 02:32	0° \mathbb{B} 13'16	1.44278 AU
	-11812 Aug 09 j 03:42	0° \mathbb{I}		evening rise	-11811 Jul 25 j 04:04	17° \mathbb{B} 38'46	
evening rise	-11812 Aug 16 j 10:14	11° \mathbb{I} 37'01			-11811 Jul 27 j 04:04	20° \mathbb{B} 46'05	
	-11812 Aug 27 j 23:27	0° \mathbb{E}			-11811 Aug 02 j 02:38	0° \mathbb{I}	
evening max el	-11812 Sep 06 j 16:50	13° \mathbb{E} 08'40	18°54'56	greatest brilliancy	-11811 Aug 07 j 20:20	8° \mathbb{I} 48'04	-0.7m
retrograde	-11812 Sep 13 j 13:12	17° \mathbb{E} 00'25		evening max el	-11811 Aug 21 j 00:47	26° \mathbb{I} 38'14	19°43'29
evening set	-11812 Sep 16 j 14:49	16° \mathbb{E} 06'52			-11811 Aug 25 j 05:35	0° \mathbb{E}	
asc. node	-11812 Sep 16 j 12:56	16° \mathbb{E} 09'33		retrograde	-11811 Aug 28 j 09:20	0° \mathbb{E} 52'38	
inferior conj	-11812 Sep 22 j 11:29	10° \mathbb{E} 20'55	1°48'48		-11811 Aug 31 j 09:38	30° \mathbb{R}	
minimum elong	-11812 Sep 22 j 09:00	10° \mathbb{E} 28'29	1°48'34	evening set	-11811 Aug 31 j 20:09	29° \mathbb{I} 43'33	
min. Earth dist.	-11812 Sep 24 j 01:31	8° \mathbb{E} 24'39	0.65229 AU	asc. node	-11811 Sep 03 j 09:58	27° \mathbb{I} 26'21	
morning rise	-11812 Sep 28 j 02:41	4° \mathbb{E} 08'22		inferior conj	-11811 Sep 06 j 10:50	23° \mathbb{I} 46'13	0°56'31
direct	-11812 Oct 04 j 13:15	1° \mathbb{E} 26'54		minimum elong	-11811 Sep 06 j 08:43	23° \mathbb{I} 50'26	0°56'41
morning max el	-11812 Oct 17 j 11:20	8° \mathbb{E} 53'53	26°39'47	min. Earth dist.	-11811 Sep 07 j 12:11	22° \mathbb{I} 21'03	0.66174 AU
desc. node	-11812 Nov 03 j 06:07	0° \mathbb{O} 04'43		morning rise	-11811 Sep 11 j 20:58	17° \mathbb{I} 27'40	
	-11812 Nov 03 j 04:50	0° \mathbb{O}		direct	-11811 Sep 17 j 18:10	14° \mathbb{I} 57'21	
	-11812 Nov 21 j 03:51	0° \mathbb{P}		morning max el	-11811 Sep 29 j 21:12	22° \mathbb{I} 06'18	25°34'58
morning set	-11812 Nov 22 j 05:10	1° \mathbb{P} 59'15			-11811 Oct 06 j 20:35	0° \mathbb{E}	
max. Earth dist.	-11812 Nov 26 j 14:19	10° \mathbb{P} 30'39	1.35019 AU	desc. node	-11811 Oct 21 j 02:53	19° \mathbb{E} 55'55	
					-11811 Oct 27 j 10:57	0° \mathbb{O}	
superior conj	-11812 Nov 30 j 19:16	19° \mathbb{P} 03'44	-1°31'29	morning set	-11811 Nov 04 j 22:33	14° \mathbb{O} 39'17	
minimum elong	-11812 Nov 30 j 20:50	19° \mathbb{P} 11'50	1°31'13	max. Earth dist.	-11811 Nov 08 j 20:48	21° \mathbb{O} 55'24	1.36584 AU
	-11812 Dec 06 j 00:56	0° \mathbb{U}			-11811 Nov 13 j 01:11	0° \mathbb{P}	
evening rise	-11812 Dec 08 j 06:58	4° \mathbb{U} 41'13		superior conj	-11811 Nov 14 j 13:37	3° \mathbb{P} 00'35	-1°37'54
asc. node	-11812 Dec 13 j 11:02	15° \mathbb{U} 00'25		minimum elong	-11811 Nov 14 j 14:08	3° \mathbb{P} 03'09	1°37'34
	-11812 Dec 22 j 14:11	0° \mathbb{M}		evening rise	-11811 Nov 22 j 12:40	19° \mathbb{P} 09'12	
evening max el	-11812 Dec 27 j 23:19	6° \mathbb{M} 08'32	21°06'48		-11811 Nov 28 j 01:32	0° \mathbb{U}	
retrograde	-11811 Jan 08 j 09:24	11° \mathbb{M} 30'38		asc. node	-11811 Nov 30 j 08:23	4° \mathbb{U} 07'29	
evening set	-11811 Jan 11 j 04:29	11° \mathbb{M} 12'32		evening max el	-11811 Dec 10 j 08:44	17° \mathbb{U} 50'18	19°52'42
inferior conj	-11811 Jan 20 j 02:40	7° \mathbb{M} 13'32	2°30'12	retrograde	-11811 Dec 20 j 04:47	22° \mathbb{U} 27'56	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening set	-11811 Dec 22 j 18:52	22° Ω 10'13		evening rise	-11810 Nov 06 j 12:37	3° Π 15'05	
inferior conj	-11811 Dec 31 j 06:21	18° Ω 06'23	3°42'11	asc. node	-11810 Nov 17 j 05:41	22° Π 38'18	
minimum elong	-11811 Dec 31 j 11:13	17° Ω 58'45	3°41'10	evening max el	-11810 Nov 23 j 04:14	0° Ω 05'15	18°57'29
min. Earth dist.	-11810 Jan 02 j 13:08	16° Ω 40'54	0.56366 AU		-11810 Nov 23 j 02:03	0° Ω	
morning rise	-11810 Jan 09 j 01:36	13° Ω 29'47		retrograde	-11810 Dec 01 j 15:32	4° Ω 09'29	
direct	-11810 Jan 13 j 08:48	12° Ω 48'35		evening set	-11810 Dec 04 j 03:27	3° Ω 49'43	
desc. node	-11810 Jan 17 j 04:33	13° Ω 22'03			-11810 Dec 11 j 08:55	30° κ Π	
morning max el	-11810 Jan 27 j 02:19	19° Ω 40'25	23°59'44	inferior conj	-11810 Dec 12 j 02:09	29° Π 29'18	4°14'30
	-11810 Feb 04 j 17:33	0° Π		minimum elong	-11810 Dec 12 j 03:30	29° Π 26'54	4°14'29
morning set	-11810 Feb 20 j 14:01	28° Π 25'31		min. Earth dist.	-11810 Dec 15 j 03:20	27° Π 19'10	0.57814 AU
	-11810 Feb 21 j 07:58	0° κ		morning rise	-11810 Dec 20 j 01:34	24° Π 28'35	
asc. node	-11810 Feb 26 j 06:07	10° κ 33'18		direct	-11810 Dec 25 j 16:17	23° Π 13'50	
				desc. node	-11809 Jan 04 j 01:14	26° Π 34'00	
superior conj	-11810 Feb 27 j 15:13	13° κ 31'35	0°13'06		-11809 Jan 08 j 06:50	0° Ω	
minimum elong	-11810 Feb 27 j 14:41	13° κ 28'42	0°12'21	morning max el	-11809 Jan 08 j 17:09	0° Ω 24'21	25°31'49
behind sun begin	-11810 Feb 27 j 11:28	13° κ 11'20			-11809 Jan 29 j 07:39	0° Π	
behind sun end	-11810 Feb 27 j 17:55	13° κ 46'03		morning set	-11809 Feb 05 j 02:21	13° Π 30'31	
max. Earth dist.	-11810 Mar 01 j 11:29	17° κ 28'28	1.33517 AU				
evening rise	-11810 Mar 07 j 04:20	29° κ 18'00		superior conj	-11809 Feb 12 j 01:32	28° Π 31'06	-0°10'14
	-11810 Mar 07 j 12:44	0° Σ		minimum elong	-11809 Feb 12 j 01:59	28° Π 33'31	0°10'43
	-11810 Mar 24 j 14:12	0° \approx		behind sun begin	-11809 Feb 11 j 22:16	28° Π 13'17	
evening max el	-11810 Apr 09 j 07:35	19° \approx 54'52	27°27'09	behind sun end	-11809 Feb 12 j 05:42	28° Π 53'44	
desc. node	-11810 Apr 15 j 04:33	24° \approx 43'18			-11809 Feb 12 j 17:53	0° κ	
retrograde	-11810 Apr 23 j 03:06	27° \approx 28'38		max. Earth dist.	-11809 Feb 12 j 22:19	0° κ 24'02	1.32987 AU
evening set	-11810 Apr 30 j 01:29	24° \approx 59'21		asc. node	-11809 Feb 13 j 03:18	0° κ 51'02	
min. Earth dist.	-11810 May 03 j 17:32	21° \approx 49'22	0.62941 AU	evening rise	-11809 Feb 19 j 07:25	13° κ 56'20	
inferior conj	-11810 May 06 j 12:21	18° \approx 59'42	-3°28'04		-11809 Feb 27 j 15:22	0° Σ	
minimum elong	-11810 May 06 j 12:27	18° \approx 59'27	3°28'31		-11809 Mar 20 j 08:18	0° \approx	
morning rise	-11810 May 13 j 00:31	13° \approx 47'05		evening max el	-11809 Mar 22 j 13:41	2° \approx 15'39	27°08'25
direct	-11810 May 15 j 18:16	13° \approx 10'45		desc. node	-11809 Apr 02 j 01:45	9° \approx 12'41	
morning max el	-11810 May 22 j 07:01	16° \approx 33'08	18°03'16	retrograde	-11809 Apr 05 j 14:32	9° \approx 45'29	
asc. node	-11810 May 25 j 06:01	19° \approx 57'42		evening set	-11809 Apr 12 j 05:36	7° \approx 43'13	
	-11810 May 31 j 20:20	0° κ		min. Earth dist.	-11809 Apr 16 j 02:29	4° \approx 50'11	0.61045 AU
morning set	-11810 Jun 08 j 08:59	13° κ 02'19		inferior conj	-11809 Apr 19 j 08:02	1° \approx 57'02	-3°17'46
	-11810 Jun 18 j 04:43	0° Υ		minimum elong	-11809 Apr 19 j 06:19	2° \approx 00'54	3°18'12
superior conj	-11810 Jun 20 j 13:17	3° Υ 57'26	1°41'53		-11809 Apr 21 j 14:05	30° κ Σ	
minimum elong	-11810 Jun 20 j 17:07	4° Υ 13'25	1°41'42	morning rise	-11809 Apr 26 j 09:04	27° Σ 04'09	
max. Earth dist.	-11810 Jun 26 j 15:54	13° Υ 59'38	1.43312 AU	direct	-11809 Apr 28 j 22:28	26° Σ 36'40	
evening rise	-11810 Jul 06 j 05:15	29° Υ 09'12			-11809 May 05 j 19:20	0° \approx	
	-11810 Jul 06 j 18:19	0° κ		morning max el	-11809 May 05 j 20:19	0° \approx 02'23	18°06'09
desc. node	-11810 Jul 12 j 01:29	8° κ 09'43		asc. node	-11809 May 12 j 02:49	8° \approx 09'23	
	-11810 Jul 26 j 22:02	0° Π		morning set	-11809 May 22 j 01:48	25° \approx 34'48	
evening max el	-11810 Aug 04 j 02:30	10° Π 04'59	20°46'27		-11809 May 24 j 11:40	0° κ	
retrograde	-11810 Aug 12 j 05:58	14° Π 51'18		superior conj	-11809 Jun 01 j 16:34	14° κ 43'30	1°49'19
evening set	-11810 Aug 16 j 04:06	13° Π 23'34		minimum elong	-11809 Jun 01 j 16:44	14° κ 44'15	1°49'06
asc. node	-11810 Aug 21 j 06:55	7° Π 38'19		max. Earth dist.	-11809 Jun 08 j 23:38	27° κ 11'06	1.41817 AU
inferior conj	-11810 Aug 21 j 13:02	7° Π 17'38	0°04'49		-11809 Jun 10 j 16:26	0° Υ	
minimum elong	-11810 Aug 21 j 12:54	7° Π 18'02	0°05'24	evening rise	-11809 Jun 15 j 11:31	7° Υ 46'42	
transit middle	-11810 Aug 21 j 12:54	7° Π 18'02	0°05'24	desc. node	-11809 Jun 28 j 22:57	28° Υ 29'37	
transit begin	-11810 Aug 21 j 10:20	7° Π 26'47			-11809 Jun 29 j 23:32	0° κ	
transit end	-11810 Aug 21 j 15:29	7° Π 09'18		evening max el	-11809 Jul 17 j 21:09	23° κ 26'58	22°01'05
min. Earth dist.	-11810 Aug 22 j 04:12	6° Π 26'13	0.66821 AU	retrograde	-11809 Jul 27 j 01:22	28° κ 53'06	
morning rise	-11810 Aug 26 j 21:33	0° Π 56'50		evening set	-11809 Jul 31 j 12:37	27° κ 04'37	
	-11810 Aug 28 j 03:32	30° κ Σ		inferior conj	-11809 Aug 05 j 18:36	20° κ 52'50	-0°44'34
direct	-11810 Sep 01 j 04:21	28° κ 42'49		minimum elong	-11809 Aug 05 j 19:31	20° κ 49'41	0°43'43
	-11810 Sep 05 j 15:02	0° Π		min. Earth dist.	-11809 Aug 05 j 23:15	20° κ 36'48	0.67172 AU
morning max el	-11810 Sep 12 j 06:58	5° Π 21'38	24°16'09	asc. node	-11809 Aug 08 j 03:48	17° κ 40'57	
	-11810 Oct 01 j 08:14	0° Σ		morning rise	-11809 Aug 11 j 02:19	14° κ 33'27	
desc. node	-11810 Oct 07 j 23:45	10° Σ 07'21		direct	-11809 Aug 15 j 19:11	12° κ 37'43	
morning set	-11810 Oct 17 j 19:03	26° Σ 14'02		morning max el	-11809 Aug 25 j 18:24	18° κ 37'36	22°52'08
	-11810 Oct 19 j 23:02	0° Ω			-11809 Sep 04 j 04:33	0° Π	
max. Earth dist.	-11810 Oct 21 j 20:36	3° Ω 22'06	1.38468 AU	desc. node	-11809 Sep 24 j 20:42	0° Σ 32'33	
					-11809 Sep 24 j 12:31	0° Σ	
superior conj	-11810 Oct 28 j 20:20	16° Ω 17'55	-1°37'03	morning set	-11809 Sep 28 j 14:02	6° Σ 33'10	
minimum elong	-11810 Oct 28 j 19:13	16° Ω 12'35	1°36'32	max. Earth dist.	-11809 Oct 03 j 20:04	15° Σ 19'29	1.40450 AU
	-11810 Nov 04 j 21:01	0° Π					

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11809 Oct 11 j 10:43	28° ☿ 42'42	-1°26'45	superior conj	-11808 Sep 22 j 03:04	10° ☿ 00'28	-1°04'46
minimum elong	-11809 Oct 11 j 07:40	28° ☿ 28'56	1°25'55	minimum elong	-11808 Sep 21 j 22:49	9° ☿ 42'12	1°03'38
	-11809 Oct 12 j 03:43	0° Ω		evening rise	-11808 Oct 03 j 07:29	29° ☿ 50'50	
evening rise	-11809 Oct 21 j 04:05	16° Ω 51'48			-11808 Oct 03 j 09:30	0° Ω	
	-11809 Oct 28 j 07:08	0° ♊		evening max el	-11808 Oct 19 j 18:44	25° Ω 55'18	18°07'46
asc. node	-11809 Nov 04 j 02:59	10° ♊ 21'32		asc. node	-11808 Oct 21 j 00:15	27° Ω 03'15	
evening max el	-11809 Nov 06 j 08:25	12° ♊ 49'15	18°22'38	retrograde	-11808 Oct 26 j 15:44	29° Ω 28'37	
retrograde	-11809 Nov 13 j 19:58	16° ♊ 32'28		evening set	-11808 Oct 29 j 04:24	29° Ω 00'03	
evening set	-11809 Nov 16 j 07:21	16° ♊ 09'11		inferior conj	-11808 Nov 05 j 02:16	23° Ω 57'41	3°46'25
inferior conj	-11809 Nov 23 j 17:18	11° ♊ 27'58	4°12'20	minimum elong	-11808 Nov 04 j 22:42	24° Ω 06'07	3°46'12
minimum elong	-11809 Nov 23 j 15:22	11° ♊ 31'57	4°12'26	min. Earth dist.	-11808 Nov 08 j 00:12	21° Ω 13'15	0.61444 AU
min. Earth dist.	-11809 Nov 26 j 21:59	8° ♊ 50'26	0.59598 AU	morning rise	-11808 Nov 11 j 15:44	18° Ω 17'40	
morning rise	-11809 Nov 30 j 21:42	6° ♊ 05'51		direct	-11808 Nov 18 j 16:16	15° Ω 54'41	
direct	-11809 Dec 07 j 11:20	4° ♊ 13'22		morning max el	-11808 Dec 02 j 13:46	23° Ω 22'32	27°25'56
morning max el	-11809 Dec 21 j 12:19	11° ♊ 34'28	26°44'14	desc. node	-11808 Dec 07 j 18:32	28° Ω 59'07	
desc. node	-11809 Dec 21 j 21:53	11° ♊ 57'38			-11808 Dec 08 j 14:47	0° ♊	
	-11808 Jan 04 j 23:23	0° ♊			-11808 Dec 28 j 00:51	0° ♊	
morning set	-11808 Jan 20 j 13:01	28° ♊ 30'39		morning set	-11807 Jan 03 j 19:58	13° ♊ 17'34	
	-11808 Jan 21 j 06:05	0° ♋		max. Earth dist.	-11807 Jan 09 j 23:57	26° ♊ 22'04	1.32908 AU
superior conj	-11808 Jan 27 j 13:20	13° ♋ 35'27	-0°32'28	superior conj	-11807 Jan 11 j 00:52	28° ♊ 37'31	-0°52'56
minimum elong	-11808 Jan 27 j 14:36	13° ♋ 42'23	0°32'40	minimum elong	-11807 Jan 11 j 02:43	28° ♊ 47'33	0°52'54
max. Earth dist.	-11808 Jan 27 j 11:43	13° ♋ 26'40	1.32777 AU		-11807 Jan 11 j 16:01	0° ♋	
asc. node	-11808 Jan 31 j 00:32	21° ♋ 08'22		asc. node	-11807 Jan 16 j 21:51	11° ♋ 20'19	
evening rise	-11808 Feb 03 j 15:08	28° ♋ 48'30		evening rise	-11807 Jan 18 j 01:30	13° ♋ 46'21	
	-11808 Feb 04 j 04:55	0° ♌			-11807 Jan 26 j 08:09	0° ♌	
	-11808 Feb 21 j 02:54	0° ♌		evening max el	-11807 Feb 13 j 10:08	25° ♌ 10'03	25°01'10
evening max el	-11808 Mar 03 j 14:29	13° ♌ 59'37	26°17'49		-11807 Feb 19 j 18:05	0° ♌	
retrograde	-11808 Mar 17 j 17:35	21° ♌ 20'35		retrograde	-11807 Feb 27 j 09:41	2° ♌ 13'01	
desc. node	-11808 Mar 18 j 22:50	21° ♌ 16'49		evening set	-11807 Mar 04 j 06:30	1° ♌ 18'22	
evening set	-11808 Mar 23 j 15:15	19° ♌ 52'52		desc. node	-11807 Mar 05 j 19:50	0° ♌ 39'18	
min. Earth dist.	-11808 Mar 28 j 03:49	17° ♌ 01'51	0.59056 AU		-11807 Mar 07 j 02:55	30° ♌	
inferior conj	-11808 Mar 31 j 11:36	14° ♌ 27'10	-2°44'07	min. Earth dist.	-11807 Mar 09 j 23:46	28° ♌ 16'06	0.57258 AU
minimum elong	-11808 Mar 31 j 08:17	14° ♌ 33'39	2°44'10	inferior conj	-11807 Mar 12 j 20:00	26° ♌ 21'18	-1°41'32
morning rise	-11808 Apr 08 j 04:19	9° ♌ 54'16		minimum elong	-11807 Mar 12 j 16:41	26° ♌ 26'54	1°41'18
direct	-11808 Apr 10 j 13:18	9° ♌ 34'18		morning rise	-11807 Mar 21 j 06:08	22° ♌ 06'01	
morning max el	-11808 Apr 18 j 06:23	13° ♌ 16'59	18°28'05	direct	-11807 Mar 23 j 11:09	21° ♌ 51'34	
asc. node	-11808 Apr 27 j 23:41	27° ♌ 00'48		morning max el	-11807 Apr 01 j 10:02	26° ♌ 06'04	19°09'39
	-11808 Apr 29 j 15:43	0° ♍			-11807 Apr 04 j 21:44	0° ♌	
morning set	-11808 May 04 j 09:58	8° ♍ 55'36		asc. node	-11807 Apr 14 j 20:38	16° ♌ 21'53	
superior conj	-11808 May 13 j 20:03	26° ♍ 43'24	1°44'17	morning set	-11807 Apr 18 j 05:20	22° ♌ 53'52	
minimum elong	-11808 May 13 j 17:52	26° ♍ 33'23	1°43'47		-11807 Apr 21 j 19:25	0° ♍	
	-11808 May 15 j 15:03	0° ♎		superior conj	-11807 Apr 26 j 18:13	9° ♍ 41'41	1°30'45
max. Earth dist.	-11808 May 21 j 01:34	9° ♎ 39'09	1.40015 AU	minimum elong	-11807 Apr 26 j 15:11	9° ♍ 27'06	1°29'56
evening rise	-11808 May 25 j 17:08	17° ♎ 33'28		max. Earth dist.	-11807 May 03 j 01:39	21° ♍ 32'22	1.38150 AU
	-11808 Jun 02 j 09:50	0° ♏		evening rise	-11807 May 07 j 02:14	28° ♍ 43'37	
desc. node	-11808 Jun 14 j 20:26	18° ♏ 33'03			-11807 May 07 j 19:45	0° ♎	
	-11808 Jun 23 j 10:40	0° ♏			-11807 May 26 j 18:45	0° ♏	
evening max el	-11808 Jun 29 j 10:01	6° ♏ 46'33	23°22'36	desc. node	-11807 Jun 01 j 17:53	8° ♏ 12'56	
retrograde	-11808 Jul 09 j 18:15	12° ♏ 55'07		evening max el	-11807 Jun 11 j 20:04	20° ♏ 07'34	24°44'01
evening set	-11808 Jul 14 j 19:49	10° ♏ 45'34		retrograde	-11807 Jun 23 j 07:25	26° ♏ 53'37	
inferior conj	-11808 Jul 20 j 00:58	4° ♏ 30'31	-1°30'13	evening set	-11807 Jun 28 j 23:45	24° ♏ 25'04	
minimum elong	-11808 Jul 20 j 02:41	4° ♏ 24'36	1°29'16	min. Earth dist.	-11807 Jul 03 j 12:52	19° ♏ 07'53	0.66955 AU
min. Earth dist.	-11808 Jul 19 j 18:57	4° ♏ 51'16	0.67224 AU	inferior conj	-11807 Jul 04 j 06:21	18° ♏ 09'12	-2°10'49
	-11808 Jul 23 j 13:34	30° ♏		minimum elong	-11807 Jul 04 j 08:34	18° ♏ 01'45	2°10'00
morning rise	-11808 Jul 25 j 09:29	28° ♏ 16'12		morning rise	-11807 Jul 09 j 17:20	12° ♏ 03'24	
asc. node	-11808 Jul 25 j 00:40	28° ♏ 34'16		asc. node	-11807 Jul 11 j 21:30	10° ♏ 56'27	
direct	-11808 Jul 29 j 13:53	26° ♏ 38'31		direct	-11807 Jul 13 j 11:05	10° ♏ 42'29	
	-11808 Aug 05 j 09:33	0° ♐		morning max el	-11807 Jul 21 j 07:39	15° ♏ 19'54	20°18'35
morning max el	-11808 Aug 07 j 09:59	1° ♐ 56'00	21°30'51		-11807 Aug 01 j 13:25	0° ♐	
	-11808 Aug 28 j 03:21	0° ♑		morning set	-11807 Aug 17 j 11:11	24° ♐ 10'29	
morning set	-11808 Sep 07 j 07:43	15° ♑ 40'47			-11807 Aug 21 j 04:42	0° ♑	
desc. node	-11808 Sep 10 j 17:45	21° ♑ 06'57		max. Earth dist.	-11807 Aug 28 j 10:38	11° ♑ 29'34	1.43657 AU
max. Earth dist.	-11808 Sep 15 j 00:09	28° ♑ 02'30	1.42264 AU	desc. node	-11807 Aug 28 j 14:55	11° ♑ 46'43	
	-11808 Sep 16 j 04:38	0° ☿		superior conj	-11807 Sep 02 j 16:31	19° ♑ 59'40	-0°30'09

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

minimum elong	-11807 Sep 02 j 13:34	19° Π 47'35	0°29'08	max. Earth dist.	-11806 Aug 11 j 02:04	25° \mathcal{B} 26'02	1.44450 AU
	-11807 Sep 08 j 17:06	0° \mathfrak{D}					
evening rise	-11807 Sep 15 j 18:05	12° \mathfrak{D} 01'04		superior conj	-11806 Aug 13 j 04:01	28° \mathcal{B} 44'17	0°13'55
	-11807 Sep 26 j 09:51	0° Ω		minimum elong	-11806 Aug 13 j 05:45	28° \mathcal{B} 51'10	0°14'16
evening max el	-11807 Oct 03 j 08:08	9° Ω 16'00	18°11'59	behind sun begin	-11806 Aug 13 j 00:11	28° \mathcal{B} 29'02	
asc. node	-11807 Oct 07 j 21:28	12° Ω 27'30		behind sun end	-11806 Aug 13 j 11:19	29° \mathcal{B} 13'19	
retrograde	-11807 Oct 09 j 22:59	12° Ω 49'22			-11806 Aug 13 j 23:03	0° Π	
evening set	-11807 Oct 12 j 14:59	12° Ω 13'14		desc. node	-11806 Aug 15 j 12:09	2° Π 27'54	
inferior conj	-11807 Oct 19 j 01:51	6° Ω 51'28	3°06'13	evening rise	-11806 Aug 28 j 06:11	23° Π 07'39	
minimum elong	-11807 Oct 18 j 22:06	7° Ω 01'26	3°05'47		-11806 Sep 01 j 10:28	0° \mathfrak{D}	
min. Earth dist.	-11807 Oct 21 j 12:00	4° Ω 17'38	0.63135 AU	evening max el	-11806 Sep 16 j 21:31	22° \mathfrak{D} 43'30	18°34'16
morning rise	-11807 Oct 25 j 04:21	0° Ω 56'25		retrograde	-11806 Sep 23 j 13:46	26° \mathfrak{D} 25'59	
	-11807 Oct 26 j 13:09	30° \mathcal{R} \mathfrak{D}		asc. node	-11806 Sep 24 j 18:37	26° \mathfrak{D} 17'57	
direct	-11807 Nov 01 j 04:57	28° \mathfrak{D} 16'23		evening set	-11806 Sep 26 j 11:15	25° \mathfrak{D} 39'35	
	-11807 Nov 07 j 07:41	0° Ω		inferior conj	-11806 Oct 02 j 12:36	20° \mathfrak{D} 01'18	2°18'12
morning max el	-11807 Nov 14 j 20:31	5° Ω 47'57	27°32'59	minimum elong	-11806 Oct 02 j 09:32	20° \mathfrak{D} 10'17	2°17'50
desc. node	-11807 Nov 24 j 15:13	17° Ω 11'00		min. Earth dist.	-11806 Oct 04 j 09:44	17° \mathfrak{D} 49'33	0.64555 AU
	-11807 Dec 03 j 10:00	0° \mathfrak{M}		morning rise	-11806 Oct 08 j 07:13	13° \mathfrak{D} 54'09	
morning set	-11807 Dec 18 j 20:52	27° \mathfrak{M} 43'19		direct	-11806 Oct 15 j 00:13	11° \mathfrak{D} 10'23	
	-11807 Dec 19 j 23:56	0° \mathfrak{L}		morning max el	-11806 Oct 28 j 06:15	18° \mathfrak{D} 41'05	27°07'16
max. Earth dist.	-11807 Dec 24 j 07:29	8° \mathfrak{L} 58'46	1.33412 AU		-11806 Nov 06 j 23:48	0° Ω	
				desc. node	-11806 Nov 11 j 11:55	6° Ω 11'59	
superior conj	-11807 Dec 26 j 10:28	13° \mathfrak{L} 31'09	-1°10'48		-11806 Nov 26 j 06:56	0° \mathfrak{M}	
minimum elong	-11807 Dec 26 j 12:33	13° \mathfrak{L} 42'23	1°10'39	morning set	-11806 Dec 02 j 12:43	11° \mathfrak{M} 37'35	
evening rise	-11806 Jan 02 j 12:48	28° \mathfrak{L} 43'53		max. Earth dist.	-11806 Dec 07 j 06:48	21° \mathfrak{M} 06'44	1.34316 AU
	-11806 Jan 03 j 03:22	0° \mathfrak{M}					
asc. node	-11806 Jan 03 j 19:12	1° \mathfrak{M} 22'07		superior conj	-11806 Dec 10 j 16:06	28° \mathfrak{M} 08'53	-1°25'13
	-11806 Jan 20 j 16:10	0° \mathfrak{J}		minimum elong	-11806 Dec 10 j 18:00	28° \mathfrak{M} 18'55	1°24'59
evening max el	-11806 Jan 26 j 03:27	6° \mathfrak{J} 02'31	23°29'26		-11806 Dec 11 j 13:11	0° \mathfrak{L}	
retrograde	-11806 Feb 08 j 12:47	12° \mathfrak{J} 34'36		evening rise	-11806 Dec 17 j 23:19	13° \mathfrak{L} 34'29	
evening set	-11806 Feb 12 j 08:25	12° \mathfrak{J} 02'41		asc. node	-11806 Dec 21 j 16:33	21° \mathfrak{L} 08'03	
min. Earth dist.	-11806 Feb 19 j 16:11	8° \mathfrak{J} 38'06	0.55974 AU		-11806 Dec 26 j 10:38	0° \mathfrak{M}	
desc. node	-11806 Feb 20 j 16:45	8° \mathfrak{J} 01'23		evening max el	-11805 Jan 07 j 23:21	16° \mathfrak{M} 59'35	21°56'14
inferior conj	-11806 Feb 21 j 09:04	7° \mathfrak{J} 36'52	-0°10'25	retrograde	-11805 Jan 20 j 05:35	22° \mathfrak{M} 49'16	
minimum elong	-11806 Feb 21 j 08:37	7° \mathfrak{J} 37'33	0°10'52	evening set	-11805 Jan 23 j 07:00	22° \mathfrak{M} 28'26	
transit middle	-11806 Feb 21 j 08:37	7° \mathfrak{J} 37'33	0°10'52	inferior conj	-11805 Feb 01 j 08:43	18° \mathfrak{M} 24'08	1°34'28
transit begin	-11806 Feb 21 j 05:42	7° \mathfrak{J} 41'56		minimum elong	-11805 Feb 01 j 12:38	18° \mathfrak{M} 18'34	1°32'46
transit end	-11806 Feb 21 j 11:32	7° \mathfrak{J} 33'10		min. Earth dist.	-11805 Feb 01 j 06:34	18° \mathfrak{M} 27'12	0.55451 AU
morning rise	-11806 Mar 02 j 11:01	3° \mathfrak{J} 32'38		desc. node	-11805 Feb 07 j 13:35	15° \mathfrak{M} 14'57	
direct	-11806 Mar 04 j 15:36	3° \mathfrak{J} 20'32		morning rise	-11805 Feb 10 j 18:33	14° \mathfrak{M} 18'10	
morning max el	-11806 Mar 15 j 04:19	8° \mathfrak{J} 19'57	20°11'00	direct	-11805 Feb 13 j 08:01	14° \mathfrak{M} 03'20	
	-11806 Mar 29 j 15:39	0° \mathfrak{Z}		morning max el	-11805 Feb 25 j 11:27	19° \mathfrak{M} 53'33	21°30'48
asc. node	-11806 Apr 01 j 17:37	6° \mathfrak{Z} 05'06			-11805 Mar 05 j 15:20	0° \mathfrak{J}	
morning set	-11806 Apr 02 j 08:32	7° \mathfrak{Z} 20'19		morning set	-11805 Mar 17 j 16:55	22° \mathfrak{J} 06'57	
				asc. node	-11805 Mar 19 j 14:39	26° \mathfrak{J} 04'30	
superior conj	-11806 Apr 10 j 06:04	23° \mathfrak{Z} 24'24	1°11'54		-11805 Mar 21 j 11:37	0° \mathfrak{Z}	
minimum elong	-11806 Apr 10 j 03:14	23° \mathfrak{Z} 10'07	1°10'53				
	-11806 Apr 13 j 13:57	0° \mathfrak{A}		superior conj	-11805 Mar 25 j 03:41	7° \mathfrak{Z} 40'15	0°50'01
max. Earth dist.	-11806 Apr 15 j 06:13	3° \mathfrak{A} 14'54	1.36440 AU	minimum elong	-11805 Mar 25 j 01:35	7° \mathfrak{Z} 29'19	0°48'59
evening rise	-11806 Apr 19 j 10:36	11° \mathfrak{A} 05'53		max. Earth dist.	-11805 Mar 28 j 19:44	15° \mathfrak{Z} 10'36	1.35022 AU
	-11806 Apr 30 j 10:04	0° \mathfrak{H}		evening rise	-11805 Apr 02 j 12:29	24° \mathfrak{Z} 23'54	
desc. node	-11806 May 19 j 15:20	27° \mathfrak{H} 19'20			-11805 Apr 05 j 12:11	0° \mathfrak{A}	
	-11806 May 21 j 22:40	0° \mathfrak{Y}			-11805 Apr 23 j 22:34	0° \mathfrak{H}	
evening max el	-11806 May 25 j 05:59	3° \mathfrak{Y} 30'10	25°56'48	desc. node	-11805 May 06 j 12:42	15° \mathfrak{H} 38'36	
retrograde	-11806 Jun 06 j 16:08	10° \mathfrak{Y} 43'20		evening max el	-11805 May 07 j 16:36	16° \mathfrak{H} 48'59	26°52'21
evening set	-11806 Jun 12 j 22:15	8° \mathfrak{Y} 01'01		retrograde	-11805 May 20 j 19:53	24° \mathfrak{H} 18'04	
min. Earth dist.	-11806 Jun 17 j 02:33	3° \mathfrak{Y} 23'11	0.66333 AU	evening set	-11805 May 27 j 12:53	21° \mathfrak{H} 30'51	
inferior conj	-11806 Jun 18 j 08:49	1° \mathfrak{Y} 46'25	-2°44'57	min. Earth dist.	-11805 May 31 j 09:52	17° \mathfrak{H} 31'47	0.65318 AU
minimum elong	-11806 Jun 18 j 11:08	1° \mathfrak{Y} 38'59	2°44'26	inferior conj	-11805 Jun 02 j 06:15	15° \mathfrak{H} 19'39	-3°10'47
	-11806 Jun 19 j 18:39	30° \mathcal{R} \mathfrak{H}		minimum elong	-11805 Jun 02 j 08:11	15° \mathfrak{H} 13'53	3°10'41
morning rise	-11806 Jun 24 j 00:04	25° \mathfrak{H} 52'23		morning rise	-11805 Jun 08 j 03:47	9° \mathfrak{H} 40'03	
direct	-11806 Jun 27 j 09:06	24° \mathfrak{H} 46'23		direct	-11805 Jun 11 j 05:46	8° \mathfrak{H} 47'05	
asc. node	-11806 Jun 28 j 18:19	24° \mathfrak{H} 57'01		asc. node	-11805 Jun 15 j 15:05	10° \mathfrak{H} 27'49	
morning max el	-11806 Jul 04 j 11:48	28° \mathfrak{H} 50'33	19°19'29	morning max el	-11805 Jun 17 j 21:21	12° \mathfrak{H} 27'09	18°36'11
	-11806 Jul 05 j 13:37	0° \mathfrak{Y}			-11805 Jun 30 j 07:03	0° \mathfrak{Y}	
	-11806 Jul 25 j 23:14	0° \mathcal{B}		morning set	-11805 Jul 08 j 01:58	12° \mathfrak{Y} 41'34	
morning set	-11806 Jul 27 j 20:06	2° \mathcal{B} 56'45			-11805 Jul 18 j 19:00	0° \mathcal{B}	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11805 Jul 23 j 03:58	6°♄57'45	0°57'52	morning set	-11804 Jun 18 j 09:05	23°♄36'09	
minimum elong	-11805 Jul 23 j 10:06	7°♄22'08	0°57'36		-11804 Jun 22 j 03:21	0°♄	
max. Earth dist.	-11805 Jul 24 j 19:02	9°♄32'36	1.44544 AU				
desc. node	-11805 Aug 02 j 09:27	23°♄07'52		superior conj	-11804 Jul 01 j 14:38	15°♄43'47	1°30'30
	-11805 Aug 06 j 17:50	0°♄		minimum elong	-11804 Jul 01 j 20:24	16°♄07'15	1°30'13
evening rise	-11805 Aug 08 j 15:22	2°♄59'53		max. Earth dist.	-11804 Jul 06 j 09:56	23°♄29'02	1.43938 AU
	-11805 Aug 26 j 05:53	0°♄			-11804 Jul 10 j 12:18	0°♄	
evening max el	-11805 Aug 31 j 08:06	6°♄13'21	19°13'32	evening rise	-11804 Jul 17 j 23:57	11°♄43'19	
retrograde	-11805 Sep 07 j 08:49	10°♄13'50		desc. node	-11804 Jul 19 j 06:50	13°♄43'08	
evening set	-11805 Sep 10 j 14:04	9°♄14'02			-11804 Jul 29 j 22:21	0°♄	
asc. node	-11805 Sep 11 j 15:41	8°♄28'26		evening max el	-11804 Aug 13 j 13:30	19°♄41'57	20°08'34
inferior conj	-11805 Sep 16 j 07:35	3°♄22'33	1°26'39	retrograde	-11804 Aug 21 j 05:31	24°♄09'18	
minimum elong	-11805 Sep 16 j 05:36	3°♄28'48	1°26'36	evening set	-11804 Aug 24 j 20:47	22°♄52'48	
min. Earth dist.	-11805 Sep 17 j 16:22	1°♄39'18	0.65671 AU	asc. node	-11804 Aug 28 j 12:39	19°♄12'51	
	-11805 Sep 19 j 01:09	30°♄		inferior conj	-11804 Aug 30 j 08:19	16°♄51'22	0°34'26
morning rise	-11805 Sep 21 j 20:45	27°♄06'50		minimum elong	-11804 Aug 30 j 07:32	16°♄53'59	0°34'47
direct	-11805 Sep 28 j 01:42	24°♄29'34		min. Earth dist.	-11804 Aug 31 j 05:45	15°♄40'08	0.66484 AU
	-11805 Oct 08 j 18:02	0°♄		morning rise	-11804 Sep 04 j 18:00	10°♄31'06	
morning max el	-11805 Oct 10 j 16:40	1°♄50'29	26°14'28	direct	-11804 Sep 10 j 09:02	8°♄07'14	
desc. node	-11805 Oct 29 j 08:39	25°♄47'58		morning max el	-11804 Sep 22 j 02:30	15°♄05'34	25°02'34
	-11805 Nov 01 j 02:31	0°♄			-11804 Oct 04 j 09:41	0°♄	
morning set	-11805 Nov 15 j 15:42	24°♄49'00		desc. node	-11804 Oct 15 j 05:27	15°♄48'54	
	-11805 Nov 18 j 09:30	0°♄			-11804 Oct 23 j 23:12	0°♄	
max. Earth dist.	-11805 Nov 19 j 19:28	2°♄44'23	1.35641 AU	morning set	-11804 Oct 28 j 00:58	7°♄04'02	
				max. Earth dist.	-11804 Oct 31 j 22:15	14°♄05'55	1.37352 AU
superior conj	-11805 Nov 24 j 15:24	12°♄23'14	-1°34'58	superior conj	-11804 Nov 07 j 05:20	26°♄05'16	-1°38'34
minimum elong	-11805 Nov 24 j 16:35	12°♄29'19	1°34'42	minimum elong	-11804 Nov 07 j 05:13	26°♄04'42	1°38'10
evening rise	-11805 Dec 02 j 07:21	28°♄12'32			-11804 Nov 09 j 04:55	0°♄	
	-11805 Dec 03 j 04:23	0°♄		evening rise	-11804 Nov 15 j 10:56	12°♄32'24	
asc. node	-11805 Dec 08 j 13:54	10°♄31'43		asc. node	-11804 Nov 24 j 11:14	29°♄25'12	
evening max el	-11805 Dec 21 j 02:54	28°♄21'52	20°33'03		-11804 Nov 24 j 19:42	0°♄	
	-11805 Dec 23 j 00:45	0°♄		evening max el	-11804 Dec 02 j 16:46	10°♄19'01	19°26'48
retrograde	-11805 Dec 31 j 21:00	3°♄24'44		retrograde	-11804 Dec 11 j 22:08	14°♄40'54	
evening set	-11804 Jan 03 j 13:08	3°♄07'19		evening set	-11804 Dec 14 j 10:53	14°♄22'40	
	-11804 Jan 10 j 19:37	30°♄		inferior conj	-11804 Dec 22 j 17:05	10°♄13'06	4°00'41
inferior conj	-11804 Jan 12 j 07:11	29°♄07'47	3°05'26	minimum elong	-11804 Dec 22 j 20:36	10°♄07'16	4°00'12
minimum elong	-11804 Jan 12 j 12:57	28°♄59'13	3°03'48	min. Earth dist.	-11804 Dec 25 j 09:51	8°♄26'34	0.56914 AU
min. Earth dist.	-11804 Jan 13 j 20:08	28°♄13'06	0.55795 AU	morning rise	-11804 Dec 31 j 04:08	5°♄25'39	
morning rise	-11804 Jan 21 j 11:16	24°♄44'29		direct	-11803 Jan 05 j 01:12	4°♄31'18	
direct	-11804 Jan 24 j 23:50	24°♄17'10		desc. node	-11803 Jan 11 j 07:04	6°♄00'50	
desc. node	-11804 Jan 25 j 10:22	24°♄17'36		morning max el	-11803 Jan 18 j 23:23	11°♄33'35	24°40'21
	-11804 Feb 06 j 09:54	0°♄			-11803 Feb 01 j 23:45	0°♄	
morning max el	-11804 Feb 07 j 08:16	0°♄51'40	23°03'59	morning set	-11803 Feb 13 j 16:46	22°♄11'08	
	-11804 Feb 26 j 16:46	0°♄			-11803 Feb 17 j 08:38	0°♄	
morning set	-11804 Mar 01 j 04:16	7°♄06'01		asc. node	-11803 Feb 20 j 08:54	6°♄31'19	
asc. node	-11804 Mar 05 j 11:44	16°♄14'37					
superior conj	-11804 Mar 08 j 08:01	22°♄19'14	0°26'42	superior conj	-11803 Feb 20 j 16:45	7°♄13'52	0°03'08
minimum elong	-11804 Mar 08 j 06:53	22°♄13'15	0°25'49	minimum elong	-11803 Feb 20 j 16:39	7°♄13'17	0°02'30
max. Earth dist.	-11804 Mar 10 j 19:05	27°♄31'00	1.33958 AU	behind sun begin	-11803 Feb 20 j 11:36	6°♄46'00	
	-11804 Mar 11 j 23:43	0°♄		behind sun end	-11803 Feb 20 j 21:41	7°♄40'33	
evening rise	-11804 Mar 16 j 02:57	8°♄22'22		max. Earth dist.	-11803 Feb 22 j 02:37	10°♄16'28	1.33247 AU
	-11804 Mar 28 j 00:15	0°♄		evening rise	-11803 Feb 28 j 02:20	22°♄49'43	
evening max el	-11804 Apr 19 j 03:04	29°♄53'48	27°23'06		-11803 Mar 03 j 17:22	0°♄	
	-11804 Apr 19 j 05:37	0°♄			-11803 Mar 21 j 20:51	0°♄	
desc. node	-11804 Apr 22 j 10:02	2°♄50'39		evening max el	-11803 Apr 01 j 11:35	12°♄34'15	27°23'17
retrograde	-11804 May 02 j 18:14	7°♄28'52		desc. node	-11803 Apr 09 j 07:16	18°♄28'51	
evening set	-11804 May 09 j 16:42	4°♄49'00		retrograde	-11803 Apr 15 j 10:09	20°♄07'29	
min. Earth dist.	-11804 May 13 j 09:05	1°♄23'46	0.63906 AU	evening set	-11803 Apr 22 j 06:25	17°♄48'25	
	-11804 May 14 j 16:14	30°♄		min. Earth dist.	-11803 Apr 25 j 23:27	14°♄47'10	0.62156 AU
inferior conj	-11804 May 15 j 20:07	28°♄43'49	-3°25'46	inferior conj	-11803 Apr 28 j 23:27	11°♄53'26	-3°26'10
minimum elong	-11804 May 15 j 21:04	28°♄41'15	3°26'05	minimum elong	-11803 Apr 28 j 22:49	11°♄54'59	3°26'40
morning rise	-11804 May 22 j 02:13	23°♄20'57		morning rise	-11803 May 05 j 16:44	6°♄48'58	
direct	-11804 May 24 j 22:36	22°♄39'08		direct	-11803 May 08 j 08:28	6°♄16'41	
morning max el	-11804 May 31 j 10:17	26°♄05'08	18°10'06	morning max el	-11803 May 15 j 00:10	9°♄39'22	18°02'09
asc. node	-11804 Jun 01 j 11:50	27°♄12'47		asc. node	-11803 May 19 j 08:37	14°♄56'47	
	-11804 Jun 03 j 18:15	0°♄			-11803 May 28 j 11:38	0°♄	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

morning set	-11803 May 31 j 14:57	5° H 35'56		direct	-11802 Apr 21 j 07:39	19° Z 31'36	
				morning max el	-11802 Apr 28 j 12:21	23° Z 02'58	18°13'04
superior conj	-11803 Jun 12 j 02:13	25° H 42'56	1°46'49		-11802 May 04 j 01:14	0° \approx	
minimum elong	-11803 Jun 12 j 04:25	25° H 52'17	1°46'40	asc. node	-11802 May 06 j 05:28	3° \approx 26'43	
	-11803 Jun 14 j 15:05	0° Y		morning set	-11802 May 14 j 14:53	18° \approx 30'35	
max. Earth dist.	-11803 Jun 18 j 20:30	6° Y 59'57	1.42727 AU		-11802 May 20 j 19:21	0° H	
evening rise	-11803 Jun 27 j 00:16	20° Y 03'43					
	-11803 Jul 03 j 10:23	0° B		superior conj	-11802 May 24 j 16:21	7° H 01'38	1°48'27
desc. node	-11803 Jul 06 j 04:17	4° B 09'53		minimum elong	-11802 May 24 j 15:20	6° H 57'03	1°48'09
	-11803 Jul 24 j 16:25	0° II		max. Earth dist.	-11802 Jun 01 j 01:50	19° H 54'11	1.41076 AU
evening max el	-11803 Jul 27 j 12:15	3° II 06'55	21°17'06	evening rise	-11802 Jun 06 j 15:07	29° H 06'46	
retrograde	-11803 Aug 05 j 01:46	8° II 09'30			-11802 Jun 07 j 04:14	0° Y	
evening set	-11803 Aug 09 j 05:13	6° II 33'21		desc. node	-11802 Jun 23 j 01:45	24° Y 23'37	
inferior conj	-11803 Aug 14 j 12:40	0° II 24'49	-0°16'28		-11802 Jun 27 j 00:05	0° B	
minimum elong	-11803 Aug 14 j 13:00	0° II 23'39	0°15'46	evening max el	-11802 Jul 10 j 04:20	16° B 28'22	22°35'24
transit middle	-11803 Aug 14 j 13:00	0° II 23'39	0°15'46	retrograde	-11802 Jul 19 j 20:07	22° B 12'02	
transit begin	-11803 Aug 14 j 12:15	0° II 26'12		evening set	-11802 Jul 24 j 13:24	20° B 14'32	
transit end	-11803 Aug 14 j 13:45	0° II 21'05		inferior conj	-11802 Jul 29 j 18:47	14° B 01'21	-1°04'26
	-11803 Aug 14 j 19:54	30° R B		minimum elong	-11802 Jul 29 j 20:04	13° B 56'54	1°03'32
min. Earth dist.	-11803 Aug 14 j 23:25	29° B 47'57	0.67005 AU	min. Earth dist.	-11802 Jul 29 j 18:59	14° B 00'40	0.67233 AU
asc. node	-11803 Aug 15 j 09:35	29° B 13'17		asc. node	-11802 Aug 02 j 06:27	9° B 31'12	
morning rise	-11803 Aug 19 j 20:38	24° B 04'02		morning rise	-11802 Aug 04 j 02:39	7° B 43'52	
direct	-11803 Aug 24 j 21:27	21° B 57'24		direct	-11802 Aug 08 j 14:07	5° B 55'45	
morning max el	-11803 Sep 04 j 12:30	28° B 20'39	23°40'29	morning max el	-11802 Aug 18 j 01:17	11° B 37'04	22°16'53
	-11803 Sep 06 j 02:11	0° II			-11802 Sep 01 j 10:03	0° II	
	-11803 Sep 28 j 04:02	0° B		desc. node	-11802 Sep 18 j 23:20	26° II 36'50	
desc. node	-11803 Oct 02 j 02:20	6° B 06'56		morning set	-11802 Sep 19 j 18:45	27° II 54'37	
morning set	-11803 Oct 09 j 11:03	18° B 07'47			-11802 Sep 21 j 01:48	0° B	
max. Earth dist.	-11803 Oct 13 j 20:42	25° B 41'13	1.39313 AU	max. Earth dist.	-11802 Sep 25 j 22:05	7° B 59'09	1.41263 AU
	-11803 Oct 16 j 07:10	0° B					
				superior conj	-11802 Oct 03 j 11:38	21° B 01'32	-1°18'59
superior conj	-11803 Oct 21 j 05:49	9° B 02'40	-1°34'00	minimum elong	-11802 Oct 03 j 07:54	20° B 45'01	1°18'01
minimum elong	-11803 Oct 21 j 03:53	8° B 53'38	1°33'21		-11802 Oct 08 j 11:07	0° B	
evening rise	-11803 Oct 30 j 07:41	26° B 27'01		evening rise	-11802 Oct 13 j 18:33	9° B 49'21	
	-11803 Nov 01 j 03:49	0° B			-11802 Oct 25 j 09:00	0° B	
asc. node	-11803 Nov 11 j 08:34	17° B 37'45		asc. node	-11802 Oct 29 j 05:50	4° B 56'55	
evening max el	-11803 Nov 15 j 16:23	22° B 48'03	18°40'12	evening max el	-11802 Oct 29 j 23:34	5° B 42'41	18°13'50
retrograde	-11803 Nov 23 j 16:10	26° B 41'20		retrograde	-11802 Nov 06 j 03:40	9° B 20'15	
evening set	-11803 Nov 26 j 03:50	26° B 20'11		evening set	-11802 Nov 08 j 15:29	8° B 54'48	
inferior conj	-11803 Dec 03 j 21:05	21° B 51'25	4°17'09	inferior conj	-11802 Nov 15 j 20:09	4° B 04'07	4°03'36
minimum elong	-11803 Dec 03 j 20:52	21° B 51'48	4°17'17	minimum elong	-11802 Nov 15 j 17:19	4° B 10'20	4°03'34
min. Earth dist.	-11803 Dec 07 j 01:31	19° B 27'06	0.58555 AU	min. Earth dist.	-11802 Nov 18 j 22:45	1° B 21'36	0.60401 AU
morning rise	-11803 Dec 11 j 12:03	16° B 41'26			-11802 Nov 20 j 15:36	30° R B	
direct	-11803 Dec 17 j 14:15	15° B 10'07		morning rise	-11802 Nov 22 j 17:43	28° B 34'16	
desc. node	-11803 Dec 29 j 03:43	20° B 13'00		direct	-11802 Nov 29 j 13:30	26° B 27'41	
morning max el	-11803 Dec 31 j 15:18	22° B 25'35	26°05'41		-11802 Dec 08 j 22:51	0° B	
	-11802 Jan 07 j 09:20	0° B		morning max el	-11802 Dec 13 j 13:02	3° B 50'52	27°06'03
	-11802 Jan 25 j 15:32	0° B		desc. node	-11802 Dec 16 j 00:23	6° B 22'04	
morning set	-11802 Jan 29 j 04:37	7° B 14'45			-11801 Jan 01 j 20:50	0° B	
				morning set	-11801 Jan 13 j 13:58	22° B 10'04	
superior conj	-11802 Feb 05 j 03:55	22° B 16'14	-0°19'51		-11801 Jan 17 j 06:47	0° B	
minimum elong	-11802 Feb 05 j 04:44	22° B 20'42	0°20'11	max. Earth dist.	-11801 Jan 20 j 04:31	6° B 18'27	1.32801 AU
max. Earth dist.	-11802 Feb 05 j 14:59	23° B 16'34	1.32864 AU				
asc. node	-11802 Feb 07 j 06:09	26° B 49'36		superior conj	-11801 Jan 20 j 15:49	7° B 20'05	-0°41'25
	-11802 Feb 08 j 17:25	0° B		minimum elong	-11801 Jan 20 j 17:22	7° B 28'33	0°41'31
evening rise	-11802 Feb 12 j 07:41	7° B 35'11		asc. node	-11801 Jan 25 j 03:27	17° B 05'05	
	-11802 Feb 24 j 06:07	0° B		evening rise	-11801 Jan 27 j 16:48	22° B 30'37	
evening max el	-11802 Mar 14 j 15:48	24° B 40'21	26°50'39		-11801 Jan 31 j 09:02	0° B	
	-11802 Mar 21 j 13:34	0° \approx			-11801 Feb 18 j 23:29	0° B	
desc. node	-11802 Mar 27 j 04:24	2° \approx 00'04		evening max el	-11801 Feb 24 j 14:17	6° B 08'40	25°47'43
retrograde	-11802 Mar 28 j 18:07	2° \approx 06'28		retrograde	-11801 Mar 10 j 16:22	13° B 22'36	
evening set	-11802 Apr 04 j 02:50	0° \approx 18'52		desc. node	-11801 Mar 14 j 01:28	12° B 54'45	
	-11802 Apr 04 j 15:55	30° R B		evening set	-11801 Mar 16 j 04:17	12° B 09'40	
min. Earth dist.	-11802 Apr 08 j 05:06	27° B 28'13	0.60196 AU	min. Earth dist.	-11801 Mar 21 j 03:33	9° B 15'33	0.58253 AU
inferior conj	-11802 Apr 11 j 12:45	24° B 40'28	-3°06'45	inferior conj	-11801 Mar 24 j 08:23	6° B 55'45	-2°21'19
minimum elong	-11802 Apr 11 j 10:15	24° B 45'45	3°07'03	minimum elong	-11801 Mar 24 j 04:46	7° B 02'22	2°21'10
morning rise	-11802 Apr 18 j 20:05	19° B 55'46		morning rise	-11801 Apr 01 j 08:24	2° B 30'49	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

direct	-11801 Apr 03 j 15:47	2° Z 13'21		morning max el	-11800 Mar 24 j 20:07	18° Z 43'30	19°33'26
morning max el	-11801 Apr 11 j 20:00	6° Z 07'22	18°43'24		-11800 Apr 02 j 09:00	0° Z	
asc. node	-11801 Apr 23 j 02:24	22° Z 31'39		asc. node	-11800 Apr 08 j 23:22	12° Z 03'21	
	-11801 Apr 27 j 01:39	0° \approx		morning set	-11800 Apr 11 j 03:20	16° Z 20'12	
morning set	-11801 Apr 28 j 04:16	2° \approx 08'28			-11800 Apr 17 j 23:05	0° \approx	
superior conj	-11801 May 07 j 04:27	19° \approx 28'03	1°39'23	superior conj	-11800 Apr 19 j 09:04	2° \approx 47'41	1°23'16
minimum elong	-11801 May 07 j 01:45	19° \approx 15'24	1°38'44	minimum elong	-11800 Apr 19 j 06:02	2° \approx 32'45	1°22'20
	-11801 May 12 j 22:12	0° X		max. Earth dist.	-11800 Apr 25 j 03:54	13° \approx 52'16	1.37387 AU
max. Earth dist.	-11801 May 14 j 02:49	2° X 07'15	1.39212 AU	evening rise	-11800 Apr 29 j 04:15	21° \approx 11'45	
evening rise	-11801 May 18 j 08:32	9° X 28'41			-11800 May 04 j 05:47	0° X	
	-11801 May 31 j 02:35	0° Y			-11800 May 23 j 23:40	0° Y	
desc. node	-11801 Jun 09 j 23:14	14° Y 17'59		desc. node	-11800 May 26 j 20:40	3° Y 45'11	
evening max el	-11801 Jun 22 j 15:34	29° Y 47'50	23°57'45	evening max el	-11800 Jun 04 j 01:04	13° Y 08'55	25°16'28
	-11801 Jun 22 j 20:26	0° Z		retrograde	-11800 Jun 15 j 22:53	20° Y 08'38	
retrograde	-11801 Jul 03 j 11:25	6° Z 13'02		evening set	-11800 Jun 21 j 21:20	17° Y 33'05	
evening set	-11801 Jul 08 j 19:27	3° Z 54'41		min. Earth dist.	-11800 Jun 26 j 06:27	12° Y 32'35	0.66735 AU
	-11801 Jul 12 j 07:09	30° Z 00'00		inferior conj	-11800 Jun 27 j 05:16	11° Y 17'16	-2°26'15
min. Earth dist.	-11801 Jul 13 j 14:04	28° Y 16'08	0.67151 AU	minimum elong	-11800 Jun 27 j 07:35	11° Y 09'37	2°25'31
inferior conj	-11801 Jul 14 j 00:55	27° Y 39'06	-1°48'10	morning rise	-11800 Jul 02 j 17:52	5° Y 16'13	
minimum elong	-11801 Jul 14 j 02:53	27° Y 32'21	1°47'14	direct	-11800 Jul 06 j 07:34	4° Y 02'07	
morning rise	-11801 Jul 19 j 10:18	21° Y 28'18		asc. node	-11800 Jul 06 j 00:08	4° Y 02'39	
asc. node	-11801 Jul 20 j 03:18	20° Y 58'50		morning max el	-11800 Jul 13 j 19:56	8° Y 24'39	19°51'38
direct	-11801 Jul 23 j 09:55	19° Y 58'06			-11800 Jul 29 j 12:21	0° Z	
morning max el	-11801 Jul 31 j 19:23	24° Y 57'34	20°58'49	morning set	-11800 Aug 08 j 07:29	15° Z 09'28	
	-11801 Aug 05 j 03:53	0° Z			-11800 Aug 17 j 18:27	0° Z	
	-11801 Aug 25 j 21:03	0° Z		max. Earth dist.	-11800 Aug 20 j 17:54	4° Z 43'40	1.44071 AU
morning set	-11801 Aug 30 j 04:17	6° Z 39'58		desc. node	-11800 Aug 22 j 17:36	7° Z 54'13	
desc. node	-11801 Sep 05 j 20:26	17° Z 13'44					
max. Earth dist.	-11801 Sep 08 j 05:24	21° Z 03'44	1.42921 AU	superior conj	-11800 Aug 24 j 18:21	11° Z 10'12	-0°12'10
	-11801 Sep 13 j 15:34	0° Z		minimum elong	-11800 Aug 24 j 17:04	11° Z 05'00	0°11'23
				behind sun begin	-11800 Aug 24 j 09:14	10° Z 33'26	
superior conj	-11801 Sep 14 j 16:52	1° Z 46'05	-0°51'34	behind sun end	-11800 Aug 25 j 00:54	11° Z 36'36	
minimum elong	-11801 Sep 14 j 12:44	1° Z 28'44	0°50'26		-11800 Sep 05 j 04:52	0° Z	
evening rise	-11801 Sep 26 j 15:24	22° Z 29'05		evening rise	-11800 Sep 07 j 17:05	4° Z 13'35	
	-11801 Sep 30 j 21:17	0° Z			-11800 Sep 24 j 00:01	0° Z	
evening max el	-11801 Oct 13 j 11:29	18° Z 55'12	18°07'13	evening max el	-11800 Sep 26 j 01:08	2° Z 18'54	18°19'21
asc. node	-11801 Oct 16 j 03:03	21° Z 07'29		asc. node	-11800 Oct 02 j 00:14	5° Z 53'09	
retrograde	-11801 Oct 20 j 05:00	22° Z 27'45		retrograde	-11800 Oct 02 j 15:54	5° Z 55'25	
evening set	-11801 Oct 22 j 18:45	21° Z 56'18		evening set	-11800 Oct 05 j 09:50	5° Z 15'27	
inferior conj	-11801 Oct 29 j 11:46	16° Z 45'06	3°30'41		-11800 Oct 11 j 11:34	30° R 00'00	
minimum elong	-11801 Oct 29 j 07:58	16° Z 54'33	3°30'20	inferior conj	-11800 Oct 11 j 16:29	29° Z 46'23	2°46'31
min. Earth dist.	-11801 Nov 01 j 04:54	14° Z 03'31	0.62188 AU	minimum elong	-11800 Oct 11 j 12:56	29° Z 56'13	2°46'05
morning rise	-11801 Nov 04 j 20:06	10° Z 58'05		min. Earth dist.	-11800 Oct 13 j 21:10	27° Z 20'35	0.63768 AU
direct	-11801 Nov 11 j 21:35	8° Z 26'28		morning rise	-11800 Oct 17 j 15:14	23° Z 45'32	
morning max el	-11801 Nov 25 j 17:15	15° Z 56'25	27°33'15	direct	-11800 Oct 24 j 13:16	21° Z 02'11	
desc. node	-11801 Dec 02 j 21:04	23° Z 56'26		morning max el	-11800 Nov 07 j 01:39	28° Z 35'16	27°25'50
	-11801 Dec 07 j 10:16	0° Z			-11800 Nov 08 j 11:20	0° Z	
	-11801 Dec 25 j 08:17	0° Z		desc. node	-11800 Nov 18 j 17:44	12° Z 31'10	
morning set	-11801 Dec 28 j 18:43	6° Z 49'38			-11800 Nov 30 j 03:47	0° Z	
max. Earth dist.	-11800 Jan 03 j 15:24	19° Z 08'32	1.33077 AU	morning set	-11800 Dec 11 j 16:11	21° Z 03'39	
					-11800 Dec 16 j 01:48	0° Z	
superior conj	-11800 Jan 05 j 02:46	22° Z 19'35	-1°00'52	max. Earth dist.	-11800 Dec 16 j 19:43	1° Z 33'28	1.33738 AU
minimum elong	-11800 Jan 05 j 04:46	22° Z 30'24	1°00'48				
	-11800 Jan 08 j 15:39	0° Z		superior conj	-11800 Dec 19 j 10:55	7° Z 07'28	-1°17'24
evening rise	-11800 Jan 12 j 03:47	7° Z 29'23		minimum elong	-11800 Dec 19 j 12:59	7° Z 18'31	1°17'14
asc. node	-11800 Jan 12 j 00:45	7° Z 13'27		evening rise	-11800 Dec 26 j 14:56	22° Z 24'36	
	-11800 Jan 24 j 02:38	0° Z		asc. node	-11800 Dec 28 j 22:05	27° Z 09'15	
evening max el	-11800 Feb 06 j 08:16	17° Z 08'43	24°23'04		-11800 Dec 30 j 08:08	0° Z	
retrograde	-11800 Feb 20 j 03:15	24° Z 00'52		evening max el	-11799 Jan 18 j 01:58	28° Z 00'31	22°49'16
evening set	-11800 Feb 24 j 13:03	23° Z 17'10			-11799 Jan 20 j 09:24	0° Z	
desc. node	-11800 Feb 28 j 22:27	21° Z 17'20		retrograde	-11799 Jan 31 j 01:49	4° Z 16'15	
min. Earth dist.	-11800 Mar 01 j 21:37	20° Z 06'55	0.56630 AU	evening set	-11799 Feb 03 j 12:13	3° Z 50'29	
inferior conj	-11800 Mar 04 j 08:18	18° Z 33'29	-1°05'54	min. Earth dist.	-11799 Feb 11 j 13:23	0° Z 12'03	0.55643 AU
minimum elong	-11800 Mar 04 j 05:51	18° Z 37'24	1°05'48		-11799 Feb 11 j 21:41	30° R 00'00	
morning rise	-11800 Mar 13 j 01:45	14° Z 24'33		inferior conj	-11799 Feb 12 j 14:36	29° Z 35'22	0°33'52
direct	-11800 Mar 15 j 05:49	14° Z 11'38		minimum elong	-11799 Feb 12 j 16:01	29° Z 33'18	0°32'50

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

desc. node	-11799 Feb 14 j 19:21	28° \mathbb{M} 20'01		morning rise	-11798 Feb 01 j 21:12	6° \mathbb{M} 05'57	
morning rise	-11799 Feb 21 j 21:17	25° \mathbb{M} 32'08		desc. node	-11798 Feb 01 j 16:10	6° \mathbb{M} 08'42	
direct	-11799 Feb 24 j 03:47	25° \mathbb{M} 19'49		direct	-11798 Feb 04 j 18:57	5° \mathbb{M} 47'11	
	-11799 Mar 06 j 15:54	0° \mathbb{A}		morning max el	-11798 Feb 17 j 12:15	11° \mathbb{M} 58'10	22°09'05
morning max el	-11799 Mar 07 j 09:55	0° \mathbb{A} 41'19	20°42'50		-11798 Mar 02 j 15:20	0° \mathbb{A}	
	-11799 Mar 25 j 22:01	0° \mathbb{B}		morning set	-11798 Mar 10 j 18:54	15° \mathbb{A} 48'36	
morning set	-11799 Mar 26 j 09:01	0° \mathbb{B} 56'03		asc. node	-11798 Mar 13 j 17:25	21° \mathbb{A} 58'24	
asc. node	-11799 Mar 26 j 20:22	1° \mathbb{B} 54'05			-11798 Mar 17 j 12:32	0° \mathbb{B}	
superior conj	-11799 Apr 03 j 01:31	16° \mathbb{B} 45'57	1°02'54	superior conj	-11798 Mar 18 j 02:18	1° \mathbb{B} 12'22	0°40'14
minimum elong	-11799 Apr 02 j 22:57	16° \mathbb{B} 32'49	1°01'51	minimum elong	-11798 Mar 18 j 00:36	1° \mathbb{B} 03'25	0°39'14
max. Earth dist.	-11799 Apr 07 j 11:29	25° \mathbb{B} 36'09	1.35796 AU	max. Earth dist.	-11798 Mar 21 j 05:22	7° \mathbb{B} 41'59	1.34536 AU
	-11799 Apr 09 j 17:58	0° \mathbb{C}		evening rise	-11798 Mar 26 j 04:36	17° \mathbb{B} 37'07	
evening rise	-11799 Apr 11 j 20:47	4° \mathbb{C} 00'06			-11798 Apr 01 j 20:39	0° \mathbb{C}	
	-11799 Apr 27 j 03:12	0° \mathbb{H}			-11798 Apr 21 j 09:25	0° \mathbb{H}	
desc. node	-11799 May 13 j 18:05	22° \mathbb{H} 33'37		evening max el	-11798 Apr 29 j 22:15	9° \mathbb{H} 45'39	27°08'54
evening max el	-11799 May 17 j 11:15	26° \mathbb{H} 30'43	26°23'01	desc. node	-11798 Apr 30 j 15:28	10° \mathbb{H} 27'07	
	-11799 May 21 j 09:09	0° \mathbb{Y}		retrograde	-11798 May 13 j 07:13	17° \mathbb{H} 17'43	
retrograde	-11799 May 30 j 05:45	3° \mathbb{Y} 52'39		evening set	-11798 May 20 j 03:12	14° \mathbb{H} 32'23	
evening set	-11799 Jun 05 j 16:49	1° \mathbb{Y} 07'04		min. Earth dist.	-11798 May 23 j 21:56	10° \mathbb{H} 48'17	0.64766 AU
	-11799 Jun 06 j 21:25	30° \mathbb{R} \mathbb{H}		inferior conj	-11798 May 26 j 00:27	8° \mathbb{H} 23'24	-3°18'41
min. Earth dist.	-11799 Jun 09 j 17:47	26° \mathbb{H} 45'45	0.65946 AU	minimum elong	-11798 May 26 j 02:02	8° \mathbb{H} 18'49	3°18'47
inferior conj	-11799 Jun 11 j 05:53	24° \mathbb{H} 53'22	-2°57'07	morning rise	-11798 Jun 01 j 01:18	2° \mathbb{H} 50'21	
minimum elong	-11799 Jun 11 j 08:06	24° \mathbb{H} 46'25	2°56'45	direct	-11798 Jun 04 j 00:47	2° \mathbb{H} 02'12	
morning rise	-11799 Jun 16 j 23:32	19° \mathbb{H} 04'57		asc. node	-11798 Jun 09 j 17:42	4° \mathbb{H} 47'02	
direct	-11799 Jun 20 j 05:17	18° \mathbb{H} 04'49		morning max el	-11798 Jun 10 j 13:43	5° \mathbb{H} 35'04	18°22'50
asc. node	-11799 Jun 22 j 20:56	18° \mathbb{H} 43'02			-11798 Jun 26 j 23:27	0° \mathbb{Y}	
morning max el	-11799 Jun 27 j 02:33	21° \mathbb{H} 57'58	18°58'57	morning set	-11798 Jun 29 j 16:41	4° \mathbb{Y} 31'27	
	-11799 Jul 03 j 10:59	0° \mathbb{Y}					
morning set	-11799 Jul 19 j 00:02	24° \mathbb{Y} 17'02		superior conj	-11798 Jul 14 j 00:19	27° \mathbb{Y} 54'08	1°13'37
	-11799 Jul 22 j 14:03	0° \mathbb{B}		minimum elong	-11798 Jul 14 j 06:57	28° \mathbb{Y} 20'37	1°13'16
superior conj	-11799 Aug 03 j 22:28	19° \mathbb{B} 34'44	0°33'19		-11798 Jul 15 j 07:50	0° \mathbb{B}	
minimum elong	-11799 Aug 04 j 02:28	19° \mathbb{B} 50'33	0°33'21	max. Earth dist.	-11798 Jul 17 j 02:26	2° \mathbb{B} 49'33	1.44371 AU
max. Earth dist.	-11799 Aug 03 j 09:49	18° \mathbb{B} 44'41	1.44572 AU	desc. node	-11798 Jul 27 j 12:11	19° \mathbb{B} 13'37	
desc. node	-11799 Aug 09 j 14:50	28° \mathbb{B} 35'20		evening rise	-11798 Jul 30 j 15:40	24° \mathbb{B} 09'02	
	-11799 Aug 10 j 12:08	0° \mathbb{II}			-11798 Aug 03 j 09:35	0° \mathbb{II}	
evening rise	-11799 Aug 19 j 18:01	14° \mathbb{II} 49'07		greatest brilliancy	-11798 Aug 10 j 12:29	11° \mathbb{II} 00'44	-0.7m
	-11799 Aug 29 j 04:38	0° \mathbb{E}		evening max el	-11798 Aug 23 j 22:24	29° \mathbb{II} 18'14	19°35'13
evening max el	-11799 Sep 09 j 13:42	15° \mathbb{E} 48'25	18°49'05		-11798 Aug 24 j 15:14	0° \mathbb{E}	
retrograde	-11799 Sep 16 j 08:43	19° \mathbb{E} 37'21		retrograde	-11798 Aug 31 j 04:38	3° \mathbb{E} 28'36	
asc. node	-11799 Sep 18 j 21:20	19° \mathbb{E} 01'13		evening set	-11798 Sep 03 j 13:59	2° \mathbb{E} 21'57	
evening set	-11799 Sep 19 j 09:14	18° \mathbb{E} 45'43		asc. node	-11798 Sep 05 j 18:22	0° \mathbb{E} 31'24	
inferior conj	-11799 Sep 25 j 07:03	13° \mathbb{E} 01'47	1°56'35		-11798 Sep 06 j 06:19	30° \mathbb{R} \mathbb{II}	
minimum elong	-11799 Sep 25 j 04:25	13° \mathbb{E} 09'46	1°56'20	inferior conj	-11798 Sep 09 j 04:43	26° \mathbb{II} 26'00	1°04'27
min. Earth dist.	-11799 Sep 26 j 22:56	11° \mathbb{E} 01'18	0.65065 AU	minimum elong	-11798 Sep 09 j 03:15	26° \mathbb{II} 30'46	1°04'33
morning rise	-11799 Sep 30 j 23:05	6° \mathbb{E} 50'35		min. Earth dist.	-11798 Sep 10 j 08:33	24° \mathbb{II} 56'11	0.66057 AU
direct	-11799 Oct 07 j 11:29	4° \mathbb{E} 08'09		morning rise	-11798 Sep 14 j 16:12	20° \mathbb{II} 08'10	
morning max el	-11799 Oct 20 j 11:42	11° \mathbb{E} 36'18	26°47'41	direct	-11798 Sep 20 j 15:29	17° \mathbb{II} 35'56	
	-11799 Nov 04 j 08:27	0° \mathbb{O}		morning max el	-11798 Oct 02 j 21:42	24° \mathbb{II} 48'04	25°45'43
desc. node	-11799 Nov 05 j 14:25	1° \mathbb{O} 48'42			-11798 Oct 07 j 15:53	0° \mathbb{E}	
	-11799 Nov 22 j 15:09	0° \mathbb{P}		desc. node	-11798 Oct 23 j 11:09	21° \mathbb{E} 35'59	
morning set	-11799 Nov 25 j 03:05	4° \mathbb{P} 41'29			-11798 Oct 28 j 19:14	0° \mathbb{O}	
max. Earth dist.	-11799 Nov 29 j 14:23	13° \mathbb{P} 26'58	1.34822 AU	morning set	-11798 Nov 07 j 23:06	17° \mathbb{O} 29'45	
				max. Earth dist.	-11798 Nov 11 j 22:25	24° \mathbb{O} 54'17	1.36331 AU
superior conj	-11799 Dec 03 j 14:11	21° \mathbb{P} 36'45	-1°30'00		-11798 Nov 14 j 13:42	0° \mathbb{P}	
minimum elong	-11799 Dec 03 j 15:52	21° \mathbb{P} 45'27	1°29'46	superior conj	-11798 Nov 17 j 09:54	5° \mathbb{P} 38'10	-1°37'23
	-11799 Dec 07 j 14:16	0° \mathbb{U}		minimum elong	-11798 Nov 17 j 10:37	5° \mathbb{P} 41'45	1°37'03
evening rise	-11799 Dec 11 j 00:35	7° \mathbb{U} 10'39		evening rise	-11798 Nov 25 j 06:57	21° \mathbb{P} 41'15	
asc. node	-11799 Dec 15 j 19:24	16° \mathbb{U} 46'33			-11798 Nov 29 j 11:22	0° \mathbb{U}	
	-11799 Dec 23 j 12:22	0° \mathbb{M}		asc. node	-11798 Dec 02 j 16:44	5° \mathbb{U} 58'00	
evening max el	-11799 Dec 31 j 00:49	9° \mathbb{M} 07'22	21°19'13	evening max el	-11798 Dec 13 j 08:37	20° \mathbb{U} 43'28	20°02'33
retrograde	-11798 Jan 11 j 16:15	14° \mathbb{M} 36'22		retrograde	-11798 Dec 23 j 10:14	25° \mathbb{U} 27'22	
evening set	-11798 Jan 14 j 12:44	14° \mathbb{M} 17'45		evening set	-11798 Dec 26 j 00:45	25° \mathbb{U} 09'47	
inferior conj	-11798 Jan 23 j 12:06	10° \mathbb{M} 18'04	2°16'20	inferior conj	-11797 Jan 03 j 14:00	21° \mathbb{U} 07'24	3°33'50
minimum elong	-11798 Jan 23 j 17:19	10° \mathbb{M} 10'35	2°14'27	minimum elong	-11797 Jan 03 j 19:14	20° \mathbb{U} 59'20	3°32'40
min. Earth dist.	-11798 Jan 24 j 03:30	9° \mathbb{M} 56'00	0.55497 AU	min. Earth dist.	-11797 Jan 05 j 16:35	19° \mathbb{U} 49'43	0.56194 AU

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

morning rise	-11797 Jan 12 j 11:52	16° Ω 34'29	inferior conj	-11797 Dec 15 j 07:06	2° Ω 25'20	4°12'06
direct	-11797 Jan 16 j 14:03	15° Ω 57'25	minimum elong	-11797 Dec 15 j 09:01	2° Ω 21'58	4°11'59
desc. node	-11797 Jan 19 j 12:53	16° Ω 17'18	min. Earth dist.	-11797 Dec 18 j 06:36	0° Ω 20'43	0.57563 AU
morning max el	-11797 Jan 30 j 05:39	22° Ω 45'05	23°45'24	-11797 Dec 18 j 19:02	30° \mathbb{R} \mathbb{M}	
	-11797 Feb 05 j 14:28	0° \mathbb{M}	morning rise	-11797 Dec 23 j 09:31	27° \mathbb{M} 27'51	
	-11797 Feb 22 j 21:13	0° \mathbb{J}	direct	-11797 Dec 28 j 19:48	26° \mathbb{M} 18'41	
morning set	-11797 Feb 23 j 07:00	0° \mathbb{J} 51'09	desc. node	-11796 Jan 06 j 09:34	29° \mathbb{M} 06'32	
asc. node	-11797 Feb 28 j 14:32	12° \mathbb{J} 11'44		-11796 Jan 07 j 17:20	0° Ω	
			morning max el	-11796 Jan 11 j 20:25	3° Ω 27'37	25°19'08
superior conj	-11797 Mar 02 j 08:46	15° \mathbb{J} 58'41	0°16'40	-11796 Jan 30 j 17:11	0° \mathbb{M}	
minimum elong	-11797 Mar 02 j 08:04	15° \mathbb{J} 54'59	0°15'54	morning set	-11796 Feb 07 j 19:27	15° \mathbb{M} 56'21
max. Earth dist.	-11797 Mar 04 j 08:50	20° \mathbb{J} 15'07	1.33620 AU	-11796 Feb 14 j 08:14	0° \mathbb{J}	
	-11797 Mar 09 j 01:34	0° \mathbb{Z}				
evening rise	-11797 Mar 09 j 23:16	1° \mathbb{Z} 49'10	superior conj	-11796 Feb 14 j 18:44	0° \mathbb{J} 57'06	-0°06'46
	-11797 Mar 25 j 18:53	0° \approx	minimum elong	-11796 Feb 14 j 19:02	0° \mathbb{J} 58'45	0°07'16
evening max el	-11797 Apr 12 j 08:18	22° \approx 42'02	27°27'06	behind sun begin	-11796 Feb 14 j 14:32	0° \mathbb{J} 34'15
desc. node	-11797 Apr 17 j 12:47	27° \approx 03'25		behind sun end	-11796 Feb 14 j 23:33	1° \mathbb{J} 23'14
	-11797 Apr 23 j 17:59	0° \mathbb{H}	asc. node	-11796 Feb 15 j 11:43	2° \mathbb{J} 29'19	
retrograde	-11797 Apr 26 j 02:41	0° \mathbb{H} 16'12	max. Earth dist.	-11796 Feb 15 j 18:54	3° \mathbb{J} 08'12	1.33038 AU
	-11797 Apr 28 j 09:42	30° \mathbb{R} \approx	evening rise	-11796 Feb 22 j 01:27	16° \mathbb{J} 24'44	
evening set	-11797 May 03 j 01:27	27° \approx 43'40		-11796 Feb 29 j 01:10	0° \mathbb{Z}	
min. Earth dist.	-11797 May 06 j 17:22	24° \approx 30'13	0.63203 AU	-11796 Mar 19 j 20:12	0° \approx	
inferior conj	-11797 May 09 j 10:17	21° \approx 42'33	-3°28'00	evening max el	-11796 Mar 24 j 15:02	5° \approx 07'58
minimum elong	-11797 May 09 j 10:37	21° \approx 41'40	3°28'27	desc. node	-11796 Apr 03 j 10:00	11° \approx 52'05
morning rise	-11797 May 15 j 20:47	16° \approx 27'18		retrograde	-11796 Apr 07 j 15:27	12° \approx 39'08
direct	-11797 May 18 j 15:14	15° \approx 49'33		evening set	-11796 Apr 14 j 08:12	10° \approx 32'04
morning max el	-11797 May 25 j 03:23	19° \approx 12'23	18°04'29	min. Earth dist.	-11796 Apr 18 j 03:41	7° \approx 37'29
asc. node	-11797 May 27 j 14:29	21° \approx 59'05		inferior conj	-11796 Apr 21 j 08:05	4° \approx 43'21
	-11797 Jun 02 j 02:17	0° \mathbb{H}		minimum elong	-11796 Apr 21 j 06:39	4° \approx 46'38
morning set	-11797 Jun 11 j 10:06	15° \mathbb{H} 55'36			-11796 Apr 27 j 18:29	30° \mathbb{R} \mathbb{Z}
	-11797 Jun 19 j 14:20	0° \mathbb{Y}		morning rise	-11796 Apr 28 j 07:02	29° \mathbb{Z} 47'33
			direct	-11796 Apr 30 j 21:00	29° \mathbb{Z} 18'54	
superior conj	-11797 Jun 23 j 20:45	7° \mathbb{Y} 08'47	1°39'26	-11796 May 03 j 21:52	0° \approx	
minimum elong	-11797 Jun 24 j 01:09	7° \mathbb{Y} 27'00	1°39'14	morning max el	-11796 May 07 j 17:00	2° \approx 43'26
max. Earth dist.	-11797 Jun 29 j 16:27	16° \mathbb{Y} 39'40	1.43494 AU	asc. node	-11796 May 13 j 11:18	10° \approx 04'02
	-11797 Jul 08 j 02:11	0° \mathbb{B}		morning set	-11796 May 24 j 00:15	28° \approx 19'51
evening rise	-11797 Jul 09 j 18:08	2° \mathbb{B} 35'42		-11796 May 24 j 22:13	0° \mathbb{H}	
desc. node	-11797 Jul 14 j 09:37	9° \mathbb{B} 45'59				
	-11797 Jul 27 j 23:42	0° \mathbb{I}		superior conj	-11796 Jun 03 j 20:02	17° \mathbb{H} 42'54
evening max el	-11797 Aug 07 j 01:07	12° \mathbb{I} 45'24	20°36'10	minimum elong	-11796 Jun 03 j 20:42	17° \mathbb{H} 45'47
retrograde	-11797 Aug 15 j 01:24	17° \mathbb{I} 26'37		max. Earth dist.	-11796 Jun 11 j 00:51	29° \mathbb{H} 56'05
evening set	-11797 Aug 18 j 21:42	16° \mathbb{I} 01'50		-11796 Jun 11 j 01:48	0° \mathbb{Y}	
asc. node	-11797 Aug 23 j 15:20	10° \mathbb{I} 50'19		evening rise	-11796 Jun 17 j 22:08	11° \mathbb{Y} 06'29
inferior conj	-11797 Aug 24 j 07:15	9° \mathbb{I} 56'51	0°12'34	desc. node	-11796 Jun 30 j 07:06	0° \mathbb{B} 07'47
minimum elong	-11797 Aug 24 j 06:57	9° \mathbb{I} 57'50	0°13'04	-11796 Jun 30 j 05:01	0° \mathbb{B}	
transit middle	-11797 Aug 24 j 06:57	9° \mathbb{I} 57'50	0°13'04	evening max el	-11796 Jul 19 j 20:47	26° \mathbb{B} 07'57
transit begin	-11797 Aug 24 j 05:18	10° \mathbb{I} 03'25		-11796 Jul 24 j 11:33	0° \mathbb{I}	21°49'26
transit end	-11797 Aug 24 j 08:36	9° \mathbb{I} 52'16		retrograde	-11796 Jul 28 j 21:11	1° \mathbb{I} 28'04
min. Earth dist.	-11797 Aug 24 j 23:59	9° \mathbb{I} 00'21	0.66746 AU	-11796 Aug 01 j 21:28	30° \mathbb{R} \mathbb{B}	
morning rise	-11797 Aug 29 j 16:01	3° \mathbb{I} 36'03		evening set	-11796 Aug 02 j 06:18	29° \mathbb{B} 42'52
direct	-11797 Sep 04 j 00:53	1° \mathbb{I} 19'31		inferior conj	-11796 Aug 07 j 12:36	23° \mathbb{B} 31'45
morning max el	-11797 Sep 15 j 07:32	8° \mathbb{I} 03'41	24°28'22	minimum elong	-11796 Aug 07 j 13:22	23° \mathbb{B} 29'06
	-11797 Oct 02 j 13:04	0° \mathbb{E}		min. Earth dist.	-11796 Aug 07 j 18:49	23° \mathbb{B} 10'16
desc. node	-11797 Oct 10 j 07:58	11° \mathbb{E} 44'42		asc. node	-11796 Aug 09 j 12:15	20° \mathbb{B} 50'27
morning set	-11797 Oct 20 j 23:05	29° \mathbb{E} 15'13		morning rise	-11796 Aug 12 j 20:19	17° \mathbb{B} 11'49
	-11797 Oct 21 j 09:24	0° Ω		direct	-11796 Aug 17 j 15:11	15° \mathbb{B} 13'15
max. Earth dist.	-11797 Oct 24 j 22:55	6° Ω 18'57	1.38175 AU	morning max el	-11796 Aug 27 j 18:35	21° \mathbb{B} 19'38
				-11796 Sep 04 j 04:02	0° \mathbb{I}	23°04'36
superior conj	-11797 Oct 31 j 18:39	19° Ω 02'02	-1°37'46	-11796 Sep 24 j 20:29	0° \mathbb{E}	
minimum elong	-11797 Oct 31 j 17:48	18° Ω 57'59	1°37'16	desc. node	-11796 Sep 26 j 04:56	2° \mathbb{E} 08'25
	-11797 Nov 06 j 09:08	0° \mathbb{M}		morning set	-11796 Sep 30 j 22:08	9° \mathbb{E} 46'35
evening rise	-11797 Nov 09 j 07:57	5° \mathbb{M} 50'51		max. Earth dist.	-11796 Oct 05 j 21:53	18° \mathbb{E} 10'00
asc. node	-11797 Nov 19 j 14:04	24° \mathbb{M} 35'00		-11796 Oct 12 j 14:45	0° Ω	1.40156 AU
	-11797 Nov 23 j 11:04	0° Ω				
evening max el	-11797 Nov 26 j 02:39	2° Ω 53'30	19°04'25	superior conj	-11796 Oct 13 j 11:53	1° Ω 36'10
retrograde	-11797 Dec 04 j 18:26	7° Ω 02'05		minimum elong	-11796 Oct 13 j 09:07	1° Ω 23'35
evening set	-11797 Dec 07 j 06:28	6° Ω 42'48		evening rise	-11796 Oct 23 j 00:57	19° Ω 32'55

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11796 Oct 28 j 14:57	0°♎		evening max el	-11795 Oct 22 j 15:28	28°♏37'59	18°08'45
asc. node	-11796 Nov 05 j 11:23	12°♎26'45		asc. node	-11795 Oct 23 j 08:39	29°♏18'51	
evening max el	-11796 Nov 08 j 05:50	15°♎34'30	18°26'33		-11795 Oct 24 j 03:58	0°♎	
retrograde	-11796 Nov 15 j 20:16	19°♎19'54		retrograde	-11795 Oct 29 j 13:58	2°♎11'55	
evening set	-11796 Nov 18 j 07:39	18°♎57'15		evening set	-11795 Nov 01 j 02:23	1°♎44'11	
inferior conj	-11796 Nov 25 j 19:29	14°♎19'24	4°14'26		-11795 Nov 04 j 05:55	30°♎	
minimum elong	-11796 Nov 25 j 17:57	14°♎22'31	4°14'34	inferior conj	-11795 Nov 08 j 01:59	26°♏44'51	3°51'25
min. Earth dist.	-11796 Nov 29 j 00:32	11°♎44'31	0.59324 AU	minimum elong	-11795 Nov 07 j 22:33	26°♏52'48	3°51'15
morning rise	-11796 Dec 03 j 02:29	9°♎00'15		min. Earth dist.	-11795 Nov 11 j 01:21	24°♏00'21	0.61180 AU
direct	-11796 Dec 09 j 13:34	7°♎12'57		morning rise	-11795 Nov 14 j 17:26	21°♏07'29	
desc. node	-11796 Dec 23 j 06:13	14°♎12'51		direct	-11795 Nov 21 j 17:11	18°♏48'16	
morning max el	-11796 Dec 23 j 14:43	14°♎33'01	26°35'09	morning max el	-11795 Dec 05 j 15:08	26°♏14'48	27°21'50
	-11795 Jan 05 j 02:15	0°♏			-11795 Dec 09 j 05:20	0°♎	
	-11795 Jan 21 j 19:26	0°♎		desc. node	-11795 Dec 10 j 02:52	1°♎01'26	
morning set	-11795 Jan 22 j 06:30	0°♎57'39			-11795 Dec 29 j 10:56	0°♏	
				morning set	-11794 Jan 06 j 14:08	15°♏46'46	
superior conj	-11795 Jan 29 j 06:27	16°♎01'16	-0°29'12	max. Earth dist.	-11794 Jan 12 j 20:45	29°♏07'26	1.32873 AU
minimum elong	-11795 Jan 29 j 07:37	16°♎07'35	0°29'26		-11794 Jan 13 j 06:25	0°♎	
max. Earth dist.	-11795 Jan 29 j 08:05	16°♎10'11	1.32787 AU				
asc. node	-11795 Feb 01 j 09:00	22°♎47'05		superior conj	-11794 Jan 13 j 18:08	1°♎03'52	-0°49'58
	-11795 Feb 04 j 18:13	0°♏		minimum elong	-11794 Jan 13 j 19:55	1°♎13'33	0°49'59
evening rise	-11795 Feb 05 j 08:40	1°♏15'26		asc. node	-11794 Jan 19 j 06:17	12°♎59'52	
	-11795 Feb 21 j 04:57	0°♏		evening rise	-11794 Jan 20 j 18:46	16°♎12'48	
evening max el	-11795 Mar 06 j 16:43	16°♏57'24	26°27'14		-11794 Jan 27 j 17:29	0°♏	
retrograde	-11795 Mar 20 j 19:54	24°♏20'05		evening max el	-11794 Feb 16 j 13:06	28°♏11'58	25°13'46
desc. node	-11795 Mar 21 j 07:06	24°♏19'32			-11794 Feb 18 j 13:24	0°♏	
evening set	-11795 Mar 26 j 20:39	22°♏47'13		retrograde	-11794 Mar 02 j 13:34	5°♏17'52	
min. Earth dist.	-11795 Mar 31 j 06:09	19°♏56'40	0.59347 AU	evening set	-11794 Mar 07 j 14:21	4°♏18'54	
inferior conj	-11795 Apr 03 j 14:16	17°♏17'51	-2°51'04	desc. node	-11794 Mar 08 j 04:06	4°♏05'03	
minimum elong	-11795 Apr 03 j 11:08	17°♏24'07	2°51'10	min. Earth dist.	-11794 Mar 13 j 02:40	1°♏19'04	0.57502 AU
morning rise	-11795 Apr 11 j 04:28	12°♏41'53			-11794 Mar 15 j 00:59	30°♎	
direct	-11795 Apr 13 j 14:04	12°♏20'56		inferior conj	-11794 Mar 16 j 01:34	29°♏17'23	-1°53'01
morning max el	-11795 Apr 21 j 03:41	16°♏00'20	18°23'33	minimum elong	-11794 Mar 15 j 22:06	29°♏23'23	1°52'46
asc. node	-11795 Apr 30 j 08:12	28°♏50'01		morning rise	-11794 Mar 24 j 09:04	24°♏59'38	
	-11795 May 01 j 00:14	0°♏		direct	-11794 Mar 26 j 14:42	24°♏44'27	
morning set	-11795 May 07 j 06:24	11°♏33'53		morning max el	-11794 Apr 04 j 08:24	28°♏53'17	19°02'14
					-11794 Apr 05 j 10:59	0°♏	
superior conj	-11795 May 16 j 20:13	29°♏32'13	1°45'41	asc. node	-11794 Apr 17 j 05:08	18°♏07'04	
minimum elong	-11795 May 16 j 18:17	29°♏23'25	1°45'14	morning set	-11794 Apr 21 j 00:20	25°♏27'10	
	-11795 May 17 j 02:18	0°♏			-11794 Apr 23 j 07:45	0°♏	
max. Earth dist.	-11795 May 24 j 03:21	12°♏29'45	1.40294 AU				
evening rise	-11795 May 28 j 23:41	20°♏40'57		superior conj	-11794 Apr 29 j 15:56	12°♏22'35	1°33'13
	-11795 Jun 03 j 17:47	0°♎		minimum elong	-11794 Apr 29 j 12:58	12°♏08'21	1°32'26
desc. node	-11795 Jun 17 j 04:36	20°♎13'59		max. Earth dist.	-11794 May 06 j 03:36	24°♏27'57	1.38420 AU
	-11795 Jun 24 j 08:33	0°♏			-11794 May 09 j 06:10	0°♏	
evening max el	-11795 Jul 02 j 10:24	9°♏27'46	23°10'23	evening rise	-11794 May 10 j 04:50	1°♏38'59	
retrograde	-11795 Jul 12 j 14:26	15°♏30'01			-11794 May 27 j 23:11	0°♎	
evening set	-11795 Jul 17 j 13:49	13°♏23'38		desc. node	-11794 May 04 j 02:03	9°♎58'00	
inferior conj	-11795 Jul 22 j 18:58	7°♏09'02	-1°23'37	evening max el	-11794 Jun 14 j 20:45	22°♎48'43	24°32'15
minimum elong	-11795 Jul 22 j 20:35	7°♏03'28	1°22'40	retrograde	-11794 Jun 26 j 04:07	29°♎29'22	
min. Earth dist.	-11795 Jul 22 j 14:36	7°♏24'05	0.67235 AU	evening set	-11794 Jul 01 j 18:20	27°♎03'22	
asc. node	-11795 Jul 27 j 09:09	1°♏32'43		min. Earth dist.	-11794 Jul 06 j 08:52	21°♎40'35	0.67019 AU
morning rise	-11795 Jul 28 j 03:15	0°♏53'42		inferior conj	-11794 Jul 07 j 00:34	20°♎47'37	-2°05'07
	-11795 Jul 29 j 11:20	30°♎		minimum elong	-11794 Jul 07 j 02:44	20°♎40'17	2°04'14
direct	-11795 Aug 01 j 09:25	29°♎13'18		morning rise	-11794 Jul 12 j 11:05	14°♎40'26	
	-11795 Aug 04 j 12:20	0°♏		asc. node	-11794 Jul 14 j 05:59	13°♎40'12	
morning max el	-11795 Aug 10 j 09:19	4°♏36'57	21°42'29	direct	-11794 Jul 16 j 06:21	13°♎17'05	
	-11795 Aug 29 j 09:17	0°♏		morning max el	-11794 Jul 24 j 06:00	17°♎59'50	20°28'36
morning set	-11795 Sep 10 j 19:10	19°♏03'14			-11794 Aug 02 j 16:28	0°♏	
desc. node	-11795 Sep 13 j 01:58	22°♏41'33		morning set	-11794 Aug 20 j 23:33	27°♏34'59	
	-11795 Sep 17 j 13:55	0°♏			-11794 Aug 22 j 12:46	0°♏	
max. Earth dist.	-11795 Sep 18 j 01:01	0°♏45'42	1.42014 AU	desc. node	-11794 Aug 30 j 23:06	13°♏20'28	
				max. Earth dist.	-11794 Aug 31 j 10:53	14°♏07'50	1.43488 AU
superior conj	-11795 Sep 25 j 07:55	13°♏05'03	-1°08'55				
minimum elong	-11795 Sep 25 j 03:44	12°♏46'56	1°07'51	superior conj	-11794 Sep 06 j 01:29	23°♏15'49	-0°36'08
	-11795 Oct 04 j 19:43	0°♏		minimum elong	-11794 Sep 05 j 22:06	23°♏01'52	0°35'04
evening rise	-11795 Oct 06 j 06:25	2°♏38'09			-11794 Sep 10 j 02:35	0°♏	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening rise	-11794 Sep 18 j 19:48	14°☿56'04		desc. node	-11793 Aug 17 j 20:17	4°♄01'25	
	-11794 Sep 27 j 14:45	0°♄		evening rise	-11793 Aug 31 j 11:35	26°♄12'50	
evening max el	-11794 Oct 06 j 04:33	11°♄56'20	18°10'09		-11793 Sep 02 j 18:27	0°☿	
asc. node	-11794 Oct 10 j 05:50	14°♄55'27		evening max el	-11793 Sep 19 j 18:02	25°☿22'40	18°29'50
retrograde	-11794 Oct 12 j 19:46	15°♄29'08		retrograde	-11793 Sep 26 j 09:42	29°☿03'26	
evening set	-11794 Oct 15 j 11:10	14°♄54'14		asc. node	-11793 Sep 27 j 02:59	29°☿00'35	
inferior conj	-11794 Oct 21 j 23:34	9°♄35'01	3°12'54	evening set	-11793 Sep 29 j 06:11	28°☿18'48	
minimum elong	-11794 Oct 21 j 19:46	9°♄44'57	3°12'29	inferior conj	-11793 Oct 05 j 08:50	22°☿42'42	2°25'48
min. Earth dist.	-11794 Oct 24 j 11:32	6°♄58'54	0.62901 AU	minimum elong	-11793 Oct 05 j 05:38	22°☿51'58	2°25'24
morning rise	-11794 Oct 28 j 03:29	3°♄42'01		min. Earth dist.	-11793 Oct 07 j 07:53	20°☿27'07	0.64360 AU
direct	-11794 Nov 04 j 04:35	1°♄03'50		morning rise	-11793 Oct 11 j 04:27	16°☿37'00	
morning max el	-11794 Nov 17 j 21:15	8°♄34'48	27°34'06	direct	-11793 Oct 17 j 22:51	13°☿53'04	
desc. node	-11794 Nov 26 j 23:31	19°♄03'44		morning max el	-11793 Oct 31 j 06:48	21°☿24'44	27°13'02
	-11794 Dec 04 j 15:17	0°♄			-11793 Nov 07 j 21:35	0°♄	
morning set	-11794 Dec 21 j 16:04	0°♄15'54		desc. node	-11793 Nov 13 j 20:12	7°♄58'10	
	-11794 Dec 21 j 12:54	0°♄			-11793 Nov 27 j 16:52	0°♄	
max. Earth dist.	-11794 Dec 27 j 05:17	11°♄47'50	1.33317 AU	morning set	-11793 Dec 05 j 09:31	14°♄15'51	
				max. Earth dist.	-11793 Dec 10 j 06:05	24°♄00'53	1.34150 AU
superior conj	-11794 Dec 29 j 04:06	15°♄58'44	-1°08'18				
minimum elong	-11794 Dec 29 j 06:11	16°♄09'56	1°08'11	superior conj	-11793 Dec 13 j 10:27	0°♄39'25	-1°23'19
	-11793 Jan 04 j 16:37	0°♄		minimum elong	-11793 Dec 13 j 12:25	0°♄49'49	1°23'06
evening rise	-11793 Jan 05 j 06:00	1°♄10'30			-11793 Dec 13 j 02:58	0°♄	
asc. node	-11793 Jan 06 j 03:35	3°♄03'07		evening rise	-11793 Dec 20 j 16:45	16°♄02'39	
	-11793 Jan 21 j 11:30	0°♄		asc. node	-11793 Dec 24 j 00:53	22°♄51'51	
evening max el	-11793 Jan 29 j 06:24	9°♄05'14	23°43'23		-11793 Dec 27 j 18:32	0°♄	
retrograde	-11793 Feb 11 j 18:30	15°♄42'48		evening max el	-11792 Jan 11 j 01:32	20°♄00'30	22°09'44
evening set	-11793 Feb 15 j 17:41	15°♄08'11		retrograde	-11792 Jan 23 j 12:46	25°♄57'26	
min. Earth dist.	-11793 Feb 22 j 19:19	11°♄47'46	0.56122 AU	evening set	-11792 Jan 26 j 16:12	25°♄35'35	
desc. node	-11793 Feb 23 j 01:03	11°♄39'09		inferior conj	-11792 Feb 04 j 18:23	21°♄28'52	1°18'47
inferior conj	-11793 Feb 24 j 17:16	10°♄38'01	-0°25'34	minimum elong	-11792 Feb 04 j 21:41	21°♄24'08	1°17'14
minimum elong	-11793 Feb 24 j 16:13	10°♄39'38	0°25'51	min. Earth dist.	-11792 Feb 04 j 10:03	21°♄40'46	0.55472 AU
morning rise	-11793 Mar 05 j 17:13	6°♄33'00		desc. node	-11792 Feb 09 j 21:54	18°♄46'13	
direct	-11793 Mar 07 j 21:30	6°♄20'48		morning rise	-11792 Feb 14 j 03:49	17°♄24'12	
morning max el	-11793 Mar 18 j 04:13	11°♄12'37	20°00'44	direct	-11792 Feb 16 j 14:56	17°♄10'20	
	-11793 Mar 31 j 01:53	0°♄		morning max el	-11792 Feb 28 j 13:09	22°♄53'06	21°17'52
asc. node	-11793 Apr 04 j 02:05	7°♄47'06			-11792 Mar 05 j 14:55	0°♄	
morning set	-11793 Apr 05 j 02:31	9°♄49'43		morning set	-11792 Mar 19 j 10:16	24°♄34'00	
				asc. node	-11792 Mar 20 j 23:05	27°♄44'27	
superior conj	-11793 Apr 13 j 02:00	25°♄59'19	1°15'00		-11792 Mar 22 j 01:06	0°♄	
minimum elong	-11793 Apr 12 j 23:05	25°♄44'45	1°14'00				
	-11793 Apr 15 j 02:36	0°♄		superior conj	-11792 Mar 26 j 22:25	10°♄11'12	0°53'28
max. Earth dist.	-11793 Apr 18 j 07:10	6°♄10'25	1.36672 AU	minimum elong	-11792 Mar 26 j 20:10	9°♄59'38	0°52'26
evening rise	-11793 Apr 22 j 10:03	13°♄51'05		max. Earth dist.	-11792 Mar 30 j 19:02	18°♄02'19	1.35211 AU
	-11793 May 01 j 18:17	0°♄		evening rise	-11792 Apr 04 j 09:43	27°♄02'01	
desc. node	-11793 May 21 j 23:29	29°♄10'05			-11792 Apr 05 j 23:34	0°♄	
	-11793 May 22 j 16:01	0°♄			-11792 Apr 24 j 01:47	0°♄	
evening max el	-11793 May 28 j 06:26	6°♄10'38	25°46'51	desc. node	-11792 May 07 j 20:54	17°♄37'29	
retrograde	-11793 Jun 09 j 13:28	13°♄20'37		evening max el	-11792 May 09 j 16:53	19°♄30'04	26°45'27
evening set	-11793 Jun 15 j 17:45	10°♄39'42		retrograde	-11792 May 22 j 18:06	26°♄57'53	
min. Earth dist.	-11793 Jun 19 j 23:14	5°♄56'07	0.66449 AU	evening set	-11792 May 29 j 09:43	24°♄10'35	
inferior conj	-11793 Jun 21 j 03:32	4°♄24'49	-2°40'20	min. Earth dist.	-11792 Jun 02 j 07:37	20°♄05'56	0.65493 AU
minimum elong	-11793 Jun 21 j 05:53	4°♄17'15	2°39'44	inferior conj	-11792 Jun 04 j 01:51	17°♄58'36	-3°07'33
	-11793 Jun 24 j 21:43	30°♄		minimum elong	-11792 Jun 04 j 03:53	17°♄52'28	3°07'23
morning rise	-11793 Jun 26 j 18:03	28°♄28'57		morning rise	-11792 Jun 09 j 22:20	12°♄16'44	
direct	-11793 Jun 30 j 04:15	27°♄20'56		direct	-11792 Jun 13 j 01:13	11°♄22'01	
asc. node	-11793 Jul 01 j 02:46	27°♄25'51		asc. node	-11792 Jun 16 j 23:33	12°♄43'43	
	-11793 Jul 05 j 19:34	0°♄		morning max el	-11792 Jun 19 j 18:06	15°♄05'14	18°41'34
morning max el	-11793 Jul 07 j 09:14	1°♄29'28	19°27'23		-11792 Jun 30 j 13:21	0°♄	
	-11793 Jul 27 j 06:43	0°♄		morning set	-11792 Jul 10 j 08:34	15°♄49'38	
morning set	-11793 Jul 31 j 06:25	6°♄15'25			-11792 Jul 19 j 03:42	0°♄	
max. Earth dist.	-11793 Aug 14 j 01:47	28°♄01'04	1.44376 AU				
	-11793 Aug 15 j 07:44	0°♄		superior conj	-11792 Jul 25 j 16:30	10°♄23'25	0°51'46
superior conj	-11793 Aug 16 j 16:13	2°♄09'22	0°07'00	minimum elong	-11792 Jul 25 j 22:14	10°♄46'07	0°51'32
minimum elong	-11793 Aug 16 j 17:07	2°♄12'57	0°07'29	max. Earth dist.	-11792 Jul 26 j 18:25	12°♄06'00	1.44572 AU
behind sun begin	-11793 Aug 16 j 07:05	1°♄32'57		desc. node	-11792 Aug 03 j 17:35	24°♄41'39	
behind sun end	-11793 Aug 17 j 03:09	2°♄52'58		evening rise	-11792 Aug 11 j 00:51	6°♄16'12	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11792 Aug 26 j 06:30	0°☿				-11791 Jul 11 j 20:54	0°♄		
evening max el	-11792 Sep 02 j 05:11	8°☿52'24	19°06'43	evening rise	-11791 Jul 21 j 12:27	15°♄08'04			
retrograde	-11792 Sep 09 j 04:17	12°☿49'47		desc. node	-11791 Jul 21 j 15:00	15°♄17'57			
evening set	-11792 Sep 12 j 08:11	11°☿52'15			-11791 Jul 31 j 04:03	0°♄			
asc. node	-11792 Sep 13 j 00:04	11°☿25'57		greatest brilliancy	-11791 Aug 03 j 06:15	4°♄40'06	-0.7m		
inferior conj	-11792 Sep 18 j 02:46	6°☿02'37	1°34'36	evening max el	-11791 Aug 16 j 11:34	22°♄21'47	19°59'30		
minimum elong	-11792 Sep 18 j 00:37	6°☿09'22	1°34'28	retrograde	-11791 Aug 24 j 00:51	26°♄44'26			
min. Earth dist.	-11792 Sep 19 j 13:23	4°☿14'41	0.65521 AU	evening set	-11791 Aug 27 j 14:30	25°♄30'39			
	-11792 Sep 23 j 11:00	30°♄		asc. node	-11791 Aug 30 j 21:05	22°♄21'32			
morning rise	-11792 Sep 23 j 16:36	29°♄47'52		inferior conj	-11791 Sep 02 j 02:48	19°♄30'39	0°42'20		
direct	-11792 Sep 29 j 23:32	27°♄08'56		minimum elong	-11791 Sep 02 j 01:50	19°♄33'50	0°42'36		
	-11792 Oct 07 j 09:51	0°☿		min. Earth dist.	-11791 Sep 03 j 01:54	18°♄14'26	0.66381 AU		
morning max el	-11792 Oct 12 j 17:12	4°☿32'27	26°23'45	morning rise	-11791 Sep 07 j 12:54	13°♄10'52			
desc. node	-11792 Oct 30 j 16:53	27°☿29'27		direct	-11791 Sep 13 j 06:08	10°♄44'34			
	-11792 Nov 01 j 08:44	0°♄		morning max el	-11791 Sep 25 j 03:03	17°♄46'57	25°14'09		
morning set	-11792 Nov 17 j 14:43	27°♄34'40			-11791 Oct 05 j 10:38	0°☿			
	-11792 Nov 18 j 21:31	0°♄		desc. node	-11791 Oct 17 j 13:40	17°☿27'08			
max. Earth dist.	-11792 Nov 21 j 20:18	5°♄42'11	1.35411 AU		-11791 Oct 25 j 08:38	0°♄			
				morning set	-11791 Oct 31 j 02:59	9°♄58'54			
superior conj	-11792 Nov 26 j 10:53	14°♄57'54	-1°33'53	max. Earth dist.	-11791 Nov 04 j 00:11	17°♄03'48	1.37079 AU		
minimum elong	-11792 Nov 26 j 12:13	15°♄04'46	1°33'36						
	-11792 Dec 03 j 16:56	0°♄		superior conj	-11791 Nov 10 j 02:29	28°♄45'29	-1°38'32		
evening rise	-11792 Dec 04 j 01:15	0°♄42'53		minimum elong	-11791 Nov 10 j 02:36	28°♄46'05	1°38'08		
asc. node	-11792 Dec 09 j 22:14	12°♄19'21			-11791 Nov 10 j 17:34	0°♄			
	-11792 Dec 21 j 20:05	0°♄		evening rise	-11791 Nov 18 j 05:40	15°♄05'43			
evening max el	-11792 Dec 23 j 03:48	1°♄18'33	20°44'35		-11791 Nov 26 j 01:25	0°♄			
retrograde	-11791 Jan 03 j 03:38	6°♄28'09		asc. node	-11791 Nov 26 j 19:36	1°♄17'45			
evening set	-11791 Jan 05 j 20:36	6°♄10'38		evening max el	-11791 Dec 05 j 16:09	13°♄10'12	19°35'27		
inferior conj	-11791 Jan 14 j 16:13	2°♄11'40	2°53'35	retrograde	-11791 Dec 15 j 02:29	17°♄37'11			
minimum elong	-11791 Jan 14 j 22:00	2°♄03'11	2°51'50	evening set	-11791 Dec 17 j 15:38	17°♄19'11			
min. Earth dist.	-11791 Jan 15 j 23:53	1°♄25'16	0.55689 AU	inferior conj	-11791 Dec 25 j 23:43	13°♄11'54	3°54'57		
	-11791 Jan 18 j 12:55	30°♄		minimum elong	-11791 Dec 26 j 03:46	13°♄05'21	3°54'17		
morning rise	-11791 Jan 23 j 22:01	27°♄51'27		min. Earth dist.	-11791 Dec 28 j 13:24	11°♄32'26	0.56712 AU		
desc. node	-11791 Jan 26 j 18:40	27°♄27'22		morning rise	-11790 Jan 03 j 13:45	8°♄28'14			
direct	-11791 Jan 27 j 06:17	27°♄26'50		direct	-11790 Jan 08 j 06:03	7°♄38'40			
	-11791 Feb 04 j 11:25	0°♄		desc. node	-11790 Jan 13 j 15:23	8°♄45'23			
morning max el	-11791 Feb 09 j 11:23	3°♄56'00	22°49'28	morning max el	-11790 Jan 22 j 02:47	14°♄37'41	24°26'18		
	-11791 Feb 27 j 03:59	0°♄			-11790 Feb 03 j 04:19	0°♄			
morning set	-11791 Mar 03 j 21:20	9°♄31'38		morning set	-11790 Feb 16 j 09:48	24°♄35'56			
asc. node	-11791 Mar 07 j 20:10	17°♄53'12			-11790 Feb 18 j 22:48	0°♄			
				asc. node	-11790 Feb 22 j 17:20	8°♄08'47			
superior conj	-11791 Mar 11 j 01:56	24°♄47'23	0°30'17						
minimum elong	-11791 Mar 11 j 00:39	24°♄40'35	0°29'23	superior conj	-11790 Feb 23 j 10:09	9°♄39'43	0°06'42		
max. Earth dist.	-11791 Mar 13 j 16:57	0°♄18'39	1.34100 AU	minimum elong	-11790 Feb 23 j 09:54	9°♄38'20	0°06'01		
	-11791 Mar 13 j 13:23	0°♄		behind sun begin	-11790 Feb 23 j 05:09	9°♄12'39			
evening rise	-11791 Mar 18 j 22:38	10°♄55'32		behind sun end	-11790 Feb 23 j 14:39	10°♄04'01			
	-11791 Mar 29 j 08:34	0°♄		max. Earth dist.	-11790 Feb 24 j 23:33	13°♄00'53	1.33337 AU		
	-11791 Apr 19 j 14:21	0°♄		evening rise	-11790 Mar 02 j 20:54	25°♄19'02			
evening max el	-11791 Apr 22 j 03:35	2°♄37'52	27°20'19		-11790 Mar 05 j 05:24	0°♄			
desc. node	-11791 Apr 24 j 18:16	5°♄01'08			-11790 Mar 22 j 21:41	0°♄			
retrograde	-11791 May 05 j 17:23	10°♄12'34		evening max el	-11790 Apr 04 j 12:38	15°♄22'53	27°25'19		
evening set	-11791 May 12 j 15:23	7°♄30'52		desc. node	-11790 Apr 11 j 15:32	20°♄55'29			
min. Earth dist.	-11791 May 16 j 08:15	4°♄00'55	0.64140 AU	retrograde	-11790 Apr 18 j 10:15	22°♄56'17			
inferior conj	-11791 May 18 j 17:04	1°♄24'29	-3°24'23	evening set	-11790 Apr 25 j 07:25	20°♄33'29			
minimum elong	-11791 May 18 j 18:12	1°♄21'21	3°24'40	min. Earth dist.	-11790 Apr 28 j 23:59	17°♄29'22	0.62436 AU		
	-11791 May 20 j 00:11	30°♄		inferior conj	-11790 May 01 j 22:14	14°♄36'45	-3°27'19		
morning rise	-11791 May 24 j 21:44	25°♄58'51		minimum elong	-11790 May 01 j 21:51	14°♄37'40	3°27'49		
direct	-11791 May 27 j 18:50	25°♄15'29		morning rise	-11790 May 08 j 13:39	9°♄29'19			
morning max el	-11791 Jun 03 j 06:40	28°♄43'06	18°12'49	direct	-11790 May 11 j 06:05	8°♄55'38			
asc. node	-11791 Jun 03 j 20:20	29°♄18'25		morning max el	-11790 May 17 j 20:34	12°♄18'01	18°02'08		
	-11791 Jun 04 j 11:26	0°♄		asc. node	-11790 May 21 j 17:09	16°♄54'21			
morning set	-11791 Jun 21 j 12:02	26°♄33'53			-11790 May 29 j 20:37	0°♄			
	-11791 Jun 23 j 12:45	0°♄		morning set	-11790 Jun 03 j 14:50	8°♄24'39			
superior conj	-11791 Jul 05 j 00:22	19°♄01'06	1°26'36	superior conj	-11790 Jun 15 j 07:53	28°♄47'53	1°45'23		
minimum elong	-11791 Jul 05 j 06:30	19°♄25'55	1°26'18	minimum elong	-11790 Jun 15 j 10:39	28°♄59'37	1°45'14		
max. Earth dist.	-11791 Jul 09 j 09:43	26°♄04'39	1.44067 AU		-11790 Jun 16 j 00:59	0°♄			

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

max. Earth dist.	-11790 Jun 21 j 21:17	9° Υ 40'55	1.42941 AU		-11789 May 22 j 06:33	0° H	
evening rise	-11790 Jun 30 j 12:32	23° Υ 27'37					
	-11790 Jul 04 j 17:44	0° B		superior conj	-11789 May 27 j 18:20	9° H 55'40	1°49'01
desc. node	-11790 Jul 08 j 12:28	5° B 46'14		minimum elong	-11789 May 27 j 17:42	9° H 52'51	1°48'44
	-11790 Jul 25 j 11:30	0° II		max. Earth dist.	-11789 Jun 04 j 03:40	22° H 42'16	1.41343 AU
evening max el	-11790 Jul 30 j 11:24	5° II 47'16	21°06'12		-11789 Jun 08 j 13:21	0° Υ	
retrograde	-11790 Aug 07 j 21:15	10° II 43'56		evening rise	-11789 Jun 10 j 00:06	2° Υ 20'59	
evening set	-11790 Aug 11 j 22:49	9° II 10'46		desc. node	-11789 Jun 25 j 09:57	26° Υ 02'21	
inferior conj	-11790 Aug 17 j 06:45	3° II 03'09	-0°08'55		-11789 Jun 28 j 03:46	0° B	
minimum elong	-11790 Aug 17 j 06:55	3° II 02'33	0°08'16	evening max el	-11789 Jul 13 j 04:21	19° B 08'47	22°23'17
transit middle	-11790 Aug 17 j 06:55	3° II 02'33	0°08'16	retrograde	-11789 Jul 22 j 15:59	24° B 46'10	
transit begin	-11790 Aug 17 j 04:35	3° II 10'34		evening set	-11789 Jul 27 j 07:10	22° B 51'46	
transit end	-11790 Aug 17 j 09:16	2° II 54'32		inferior conj	-11789 Aug 01 j 12:43	16° B 39'01	-0°57'28
asc. node	-11790 Aug 17 j 18:03	2° II 24'32		minimum elong	-11789 Aug 01 j 13:53	16° B 35'00	0°56'33
min. Earth dist.	-11790 Aug 17 j 19:03	2° II 21'09	0.66946 AU	min. Earth dist.	-11789 Aug 01 j 14:27	16° B 33'01	0.67220 AU
	-11790 Aug 19 j 13:38	30° R 8		asc. node	-11789 Aug 04 j 14:58	12° B 35'31	
morning rise	-11790 Aug 22 j 14:52	26° B 42'22		morning rise	-11789 Aug 06 j 20:30	10° B 20'53	
direct	-11790 Aug 27 j 17:48	24° B 33'04		direct	-11789 Aug 11 j 09:50	8° B 30'09	
	-11790 Sep 06 j 11:52	0° II		morning max el	-11789 Aug 21 j 01:09	14° B 17'51	22°29'06
morning max el	-11790 Sep 07 j 12:52	1° II 01'46	23°53'03		-11789 Sep 02 j 13:32	0° II	
	-11790 Sep 29 j 10:40	0° B		desc. node	-11789 Sep 21 j 07:32	28° II 11'04	
desc. node	-11790 Oct 04 j 10:33	7° B 42'52			-11789 Sep 22 j 10:43	0° B	
morning set	-11790 Oct 12 j 16:49	21° B 13'36		morning set	-11789 Sep 23 j 04:22	1° B 11'12	
max. Earth dist.	-11790 Oct 16 j 23:00	28° B 35'31	1.39018 AU	max. Earth dist.	-11789 Sep 28 j 23:44	10° B 46'20	1.40983 AU
	-11790 Oct 17 j 18:05	0° Q					
				superior conj	-11789 Oct 06 j 14:11	23° B 58'11	-1°22'01
superior conj	-11790 Oct 24 j 05:16	11° Q 50'11	-1°35'20	minimum elong	-11789 Oct 06 j 10:40	23° B 42'31	1°21'07
minimum elong	-11790 Oct 24 j 03:38	11° Q 42'28	1°34'44		-11789 Oct 09 j 22:14	0° Q	
evening rise	-11790 Nov 02 j 03:36	29° Q 04'22		evening rise	-11789 Oct 16 j 16:08	12° Q 31'48	
	-11790 Nov 02 j 15:02	0° P			-11789 Oct 26 j 11:07	0° P	
asc. node	-11790 Nov 13 j 16:56	19° P 37'00		asc. node	-11789 Oct 31 j 14:13	7° P 05'01	
evening max el	-11790 Nov 18 j 14:22	25° P 34'24	18°45'48	evening max el	-11789 Nov 01 j 20:33	8° P 25'21	18°16'29
retrograde	-11790 Nov 26 j 17:54	29° P 31'11		retrograde	-11789 Nov 09 j 03:04	12° P 04'44	
evening set	-11790 Nov 29 j 05:41	29° P 10'29		evening set	-11789 Nov 11 j 14:42	11° P 40'04	
inferior conj	-11790 Dec 07 j 00:49	24° P 44'40	4°16'52	inferior conj	-11789 Nov 18 j 21:10	6° P 52'36	4°07'07
minimum elong	-11790 Dec 07 j 01:09	24° P 44'04	4°16'57	minimum elong	-11789 Nov 18 j 18:37	6° P 58'05	4°07'09
min. Earth dist.	-11790 Dec 10 j 04:26	22° P 24'56	0.58292 AU	min. Earth dist.	-11789 Nov 22 j 00:39	4° P 11'26	0.60119 AU
morning rise	-11790 Dec 14 j 18:44	19° P 37'55		morning rise	-11789 Nov 25 j 21:03	1° P 25'20	
direct	-11790 Dec 20 j 17:09	18° P 12'26			-11789 Nov 28 j 22:35	30° R Q	
desc. node	-11790 Dec 31 j 12:02	22° P 36'40		direct	-11789 Dec 02 j 14:54	29° Q 23'35	
morning max el	-11789 Jan 03 j 18:12	25° P 26'08	25°54'21		-11789 Dec 06 j 09:30	0° P	
	-11789 Jan 08 j 01:02	0° A		morning max el	-11789 Dec 16 j 15:02	6° P 46'03	26°59'08
	-11789 Jan 27 j 03:18	0° M		desc. node	-11789 Dec 18 j 08:40	8° P 30'13	
morning set	-11789 Jan 31 j 21:54	9° M 40'17			-11788 Jan 03 j 03:48	0° A	
				morning set	-11788 Jan 16 j 07:43	24° A 37'23	
superior conj	-11789 Feb 07 j 21:05	24° M 41'17	-0°16'26		-11788 Jan 18 j 20:56	0° M	
minimum elong	-11789 Feb 07 j 21:47	24° M 45'03	0°16'49				
max. Earth dist.	-11789 Feb 08 j 11:32	26° M 00'01	1.32899 AU	superior conj	-11788 Jan 23 j 08:57	9° M 45'19	-0°38'15
asc. node	-11789 Feb 09 j 14:34	28° M 26'57		minimum elong	-11788 Jan 23 j 10:24	9° M 53'16	0°38'24
	-11789 Feb 10 j 07:45	0° X		max. Earth dist.	-11788 Jan 23 j 01:07	9° M 02'32	1.32785 AU
evening rise	-11789 Feb 15 j 01:31	10° X 02'20		asc. node	-11788 Jan 27 j 11:49	18° M 43'02	
	-11789 Feb 25 j 13:46	0° B		evening rise	-11788 Jan 30 j 10:10	24° M 56'38	
evening max el	-11789 Mar 17 j 17:39	27° B 34'44	26°57'33		-11788 Feb 01 j 21:15	0° X	
	-11789 Mar 20 j 10:44	0° \approx			-11788 Feb 19 j 17:42	0° B	
desc. node	-11789 Mar 29 j 12:42	4° \approx 48'30		evening max el	-11788 Feb 27 j 16:52	9° B 08'03	25°58'45
retrograde	-11789 Mar 31 j 19:27	5° \approx 02'04		retrograde	-11788 Mar 12 j 19:23	16° B 24'44	
evening set	-11789 Apr 07 j 06:38	3° \approx 09'13		desc. node	-11788 Mar 15 j 09:45	16° B 08'01	
min. Earth dist.	-11789 Apr 11 j 06:46	0° \approx 18'07	0.60496 AU	evening set	-11788 Mar 18 j 10:55	15° B 06'39	
	-11789 Apr 11 j 15:30	30° R 3		min. Earth dist.	-11788 Mar 23 j 06:06	12° B 13'58	0.58529 AU
inferior conj	-11789 Apr 14 j 13:53	27° B 28'02	-3°11'20	inferior conj	-11788 Mar 26 j 12:20	9° B 48'28	-2°30'10
minimum elong	-11789 Apr 14 j 11:40	27° B 32'51	3°11'40	minimum elong	-11788 Mar 26 j 08:47	9° B 55'08	2°30'04
morning rise	-11789 Apr 21 j 18:57	22° B 40'27		morning rise	-11788 Apr 03 j 09:46	5° B 20'55	
direct	-11789 Apr 24 j 07:12	22° B 15'06		direct	-11788 Apr 05 j 17:43	5° B 02'37	
morning max el	-11789 May 01 j 09:15	25° B 44'08	18°10'13	morning max el	-11788 Apr 13 j 17:47	8° B 52'14	18°37'38
	-11789 May 05 j 00:55	0° \approx		asc. node	-11788 Apr 24 j 10:53	24° B 18'27	
asc. node	-11789 May 08 j 14:00	5° \approx 18'17			-11788 Apr 27 j 12:36	0° \approx	
morning set	-11789 May 17 j 12:25	21° \approx 12'09		morning set	-11788 Apr 30 j 00:03	4° \approx 44'13	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11788 May 09 j 03:33	22° \approx 13'14	1°41'18	superior conj	-11787 Apr 22 j 05:59	5° \approx 25'28	1°26'02
minimum elong	-11788 May 09 j 01:01	22° \approx 01'24	1°40'42	minimum elong	-11787 Apr 22 j 02:56	5° \approx 10'35	1°25'09
	-11788 May 13 j 09:21	0° \mathbb{X}		max. Earth dist.	-11787 Apr 28 j 05:16	16° \approx 46'43	1.37650 AU
max. Earth dist.	-11788 May 16 j 04:54	5° \mathbb{X} 00'26	1.39494 AU	evening rise	-11787 May 02 j 05:27	24° \approx 02'07	
evening rise	-11788 May 20 j 13:22	12° \mathbb{X} 30'28			-11787 May 05 j 15:38	0° \mathbb{X}	
	-11788 May 31 j 09:33	0° \mathbb{Y}			-11787 May 25 j 01:22	0° \mathbb{Y}	
desc. node	-11788 Jun 11 j 07:26	16° \mathbb{Y} 00'10		desc. node	-11787 May 29 j 04:54	5° \mathbb{Y} 32'07	
	-11788 Jun 22 j 08:12	0° \mathbb{Z}		evening max el	-11787 Jun 07 j 01:37	15° \mathbb{Y} 48'50	25°05'20
evening max el	-11788 Jun 24 j 16:02	2° \mathbb{Z} 27'56	23°45'28	retrograde	-11787 Jun 18 j 19:57	22° \mathbb{Y} 44'08	
retrograde	-11788 Jul 05 j 07:52	8° \mathbb{Z} 47'34		evening set	-11787 Jun 24 j 16:15	20° \mathbb{Y} 10'58	
evening set	-11788 Jul 10 j 13:38	6° \mathbb{Z} 32'10		min. Earth dist.	-11787 Jun 29 j 02:44	15° \mathbb{Y} 04'32	0.66819 AU
inferior conj	-11788 Jul 15 j 18:57	0° \mathbb{Z} 16'40	-1°41'55	inferior conj	-11787 Jun 29 j 23:40	13° \mathbb{Y} 55'01	-2°20'56
minimum elong	-11788 Jul 15 j 20:50	0° \mathbb{Z} 10'11	1°40'58	minimum elong	-11787 Jun 30 j 01:58	13° \mathbb{Y} 47'24	2°20'10
min. Earth dist.	-11788 Jul 15 j 09:47	0° \mathbb{Z} 48'03	0.67185 AU	morning rise	-11787 Jul 05 j 11:39	7° \mathbb{Y} 52'12	
	-11788 Jul 15 j 23:49	30° \mathbb{R} \mathbb{Y}		asc. node	-11787 Jul 08 j 08:37	6° \mathbb{Y} 39'01	
morning rise	-11788 Jul 21 j 04:00	24° \mathbb{Y} 04'35		direct	-11787 Jul 09 j 02:43	6° \mathbb{Y} 35'47	
asc. node	-11788 Jul 21 j 11:49	23° \mathbb{Y} 50'09		morning max el	-11787 Jul 16 j 17:52	11° \mathbb{Y} 03'28	20°00'44
direct	-11788 Jul 25 j 05:13	22° \mathbb{Y} 31'52			-11787 Jul 30 j 18:09	0° \mathbb{Z}	
morning max el	-11788 Aug 02 j 18:21	27° \mathbb{Y} 37'37	21°09'47	morning set	-11787 Aug 11 j 19:15	18° \mathbb{Z} 31'31	
	-11788 Aug 04 j 22:14	0° \mathbb{Z}			-11787 Aug 19 j 03:01	0° \mathbb{I}	
	-11788 Aug 26 j 04:20	0° \mathbb{I}		max. Earth dist.	-11787 Aug 23 j 17:30	7° \mathbb{I} 18'19	1.43938 AU
morning set	-11788 Sep 01 j 16:28	10° \mathbb{I} 03'28		desc. node	-11787 Aug 25 j 01:47	9° \mathbb{I} 27'30	
desc. node	-11788 Sep 07 j 04:38	18° \mathbb{I} 47'14					
max. Earth dist.	-11788 Sep 10 j 05:49	23° \mathbb{I} 43'14	1.42697 AU	superior conj	-11787 Aug 28 j 04:56	14° \mathbb{I} 30'23	-0°18'44
	-11788 Sep 14 j 01:16	0° \mathbb{O}		minimum elong	-11787 Aug 28 j 02:59	14° \mathbb{I} 22'29	0°17'51
					-11787 Sep 06 j 14:09	0° \mathbb{O}	
superior conj	-11788 Sep 16 j 23:23	4° \mathbb{O} 54'29	-0°56'32	evening rise	-11787 Sep 10 j 20:15	7° \mathbb{O} 12'02	
minimum elong	-11788 Sep 16 j 19:08	4° \mathbb{O} 36'31	0°55'24		-11787 Sep 24 j 20:05	0° \mathbb{O}	
evening rise	-11788 Sep 28 j 15:23	25° \mathbb{O} 18'38		evening max el	-11787 Sep 28 j 21:33	4° \mathbb{O} 58'22	18°16'27
	-11788 Oct 01 j 06:22	0° \mathbb{O}		asc. node	-11787 Oct 04 j 08:38	8° \mathbb{O} 26'37	
evening max el	-11788 Oct 15 j 07:57	21° \mathbb{O} 35'55	18°07'04	retrograde	-11787 Oct 05 j 12:12	8° \mathbb{O} 33'34	
asc. node	-11788 Oct 17 j 11:27	23° \mathbb{O} 27'14		evening set	-11787 Oct 08 j 05:24	7° \mathbb{O} 55'01	
retrograde	-11788 Oct 22 j 02:35	25° \mathbb{O} 08'40		inferior conj	-11787 Oct 14 j 13:30	2° \mathbb{O} 28'34	2°53'41
evening set	-11788 Oct 24 j 15:53	24° \mathbb{O} 38'18		minimum elong	-11787 Oct 14 j 09:52	2° \mathbb{O} 38'29	2°53'14
inferior conj	-11788 Oct 31 j 10:33	19° \mathbb{O} 30'10	3°36'33		-11787 Oct 16 j 20:00	30° \mathbb{R} \mathbb{O}	
minimum elong	-11788 Oct 31 j 06:49	19° \mathbb{O} 39'19	3°36'15	min. Earth dist.	-11787 Oct 16 j 20:09	29° \mathbb{O} 59'38	0.63550 AU
min. Earth dist.	-11788 Nov 03 j 05:27	16° \mathbb{O} 47'12	0.61927 AU	morning rise	-11787 Oct 20 j 13:29	26° \mathbb{O} 29'41	
morning rise	-11788 Nov 06 j 20:35	13° \mathbb{O} 45'29		direct	-11787 Oct 27 j 12:36	23° \mathbb{O} 47'08	
direct	-11788 Nov 13 j 21:54	11° \mathbb{O} 16'33			-11787 Nov 08 j 16:11	0° \mathbb{O}	
morning max el	-11788 Nov 27 j 18:21	18° \mathbb{O} 46'03	27°31'27	morning max el	-11787 Nov 10 j 02:10	1° \mathbb{O} 19'59	27°29'01
desc. node	-11788 Dec 04 j 05:18	25° \mathbb{O} 53'43		desc. node	-11787 Nov 21 j 01:56	14° \mathbb{O} 20'25	
	-11788 Dec 07 j 09:48	0° \mathbb{P}			-11787 Dec 01 j 11:37	0° \mathbb{P}	
	-11788 Dec 25 j 19:54	0° \mathbb{U}		morning set	-11787 Dec 14 j 11:59	23° \mathbb{P} 38'12	
morning set	-11788 Dec 30 j 13:17	9° \mathbb{U} 20'03			-11787 Dec 17 j 15:20	0° \mathbb{U}	
max. Earth dist.	-11787 Jan 05 j 12:32	21° \mathbb{U} 55'00	1.33011 AU	max. Earth dist.	-11787 Dec 19 j 17:58	4° \mathbb{U} 23'49	1.33614 AU
superior conj	-11787 Jan 06 j 20:08	24° \mathbb{U} 46'07	-0°58'05	superior conj	-11787 Dec 22 j 04:48	9° \mathbb{U} 36'02	-1°15'09
minimum elong	-11787 Jan 06 j 22:05	24° \mathbb{U} 56'43	0°58'02	minimum elong	-11787 Dec 22 j 06:54	9° \mathbb{U} 47'13	1°14'58
	-11787 Jan 09 j 05:54	0° \mathbb{M}		evening rise	-11787 Dec 29 j 08:10	24° \mathbb{U} 51'22	
asc. node	-11787 Jan 13 j 09:06	8° \mathbb{M} 52'52		asc. node	-11787 Dec 31 j 06:24	28° \mathbb{U} 50'48	
evening rise	-11787 Jan 13 j 20:58	9° \mathbb{M} 55'25			-11787 Dec 31 j 20:01	0° \mathbb{M}	
	-11787 Jan 24 j 08:27	0° \mathbb{X}			-11786 Jan 20 j 02:56	0° \mathbb{X}	
evening max el	-11787 Feb 08 j 11:17	20° \mathbb{X} 11'10	24°36'35	evening max el	-11786 Jan 21 j 04:45	1° \mathbb{X} 02'50	23°03'17
retrograde	-11787 Feb 22 j 08:10	27° \mathbb{X} 07'33		retrograde	-11786 Feb 03 j 08:15	7° \mathbb{X} 24'26	
evening set	-11787 Feb 26 j 21:45	26° \mathbb{X} 20'15		evening set	-11786 Feb 06 j 21:38	6° \mathbb{X} 56'49	
desc. node	-11787 Mar 02 j 06:42	24° \mathbb{X} 50'33		min. Earth dist.	-11786 Feb 14 j 16:47	3° \mathbb{X} 23'31	0.55744 AU
min. Earth dist.	-11787 Mar 05 j 00:46	23° \mathbb{X} 12'57	0.56840 AU	inferior conj	-11786 Feb 15 j 23:39	2° \mathbb{X} 38'12	0°17'55
inferior conj	-11787 Mar 07 j 15:08	21° \mathbb{X} 31'45	-1°19'10	minimum elong	-11786 Feb 16 j 00:23	2° \mathbb{X} 37'07	0°17'06
minimum elong	-11787 Mar 07 j 12:19	21° \mathbb{X} 36'21	1°19'01	desc. node	-11786 Feb 17 j 03:34	1° \mathbb{X} 57'27	
morning rise	-11787 Mar 16 j 06:04	17° \mathbb{X} 20'46			-11786 Feb 20 j 20:39	30° \mathbb{R} \mathbb{M}	
direct	-11787 Mar 18 j 10:22	17° \mathbb{X} 07'25		morning rise	-11786 Feb 25 j 04:51	28° \mathbb{M} 34'49	
morning max el	-11787 Mar 27 j 19:10	21° \mathbb{X} 32'58	19°24'42	direct	-11786 Feb 27 j 10:28	28° \mathbb{M} 22'40	
	-11787 Apr 03 j 12:55	0° \mathbb{Z}			-11786 Mar 05 j 13:49	0° \mathbb{X}	
asc. node	-11787 Apr 11 j 07:48	13° \mathbb{Z} 46'15		morning max el	-11786 Mar 10 j 10:33	3° \mathbb{X} 36'29	20°31'19
morning set	-11787 Apr 13 j 21:51	18° \mathbb{Z} 51'07			-11786 Mar 27 j 10:19	0° \mathbb{Z}	
	-11787 Apr 19 j 11:53	0° \approx		morning set	-11786 Mar 29 j 02:42	3° \mathbb{Z} 23'48	
				asc. node	-11786 Mar 29 j 04:47	3° \mathbb{Z} 34'21	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11786 Apr 05 j 20:53	19° Z 18'30	1°06'09	superior conj	-11785 Mar 20 j 20:37	3° Z 41'24	0°43'45
minimum elong	-11786 Apr 05 j 18:12	19° Z 04'54	1°05'08	minimum elong	-11785 Mar 20 j 18:45	3° Z 31'43	0°42'45
max. Earth dist.	-11786 Apr 10 j 11:43	28° Z 29'41	1.36015 AU	max. Earth dist.	-11785 Mar 24 j 04:10	10° Z 32'21	1.34701 AU
	-11786 Apr 11 j 06:21	0° \approx		evening rise	-11785 Mar 29 j 01:04	20° Z 12'31	
evening rise	-11786 Apr 14 j 19:15	6° \approx 41'48			-11785 Apr 03 j 07:03	0° \approx	
	-11786 Apr 28 j 09:59	0° H			-11785 Apr 22 j 08:26	0° H	
desc. node	-11786 May 16 j 02:19	24° H 27'26		desc. node	-11785 May 02 j 23:42	12° H 30'33	
evening max el	-11786 May 20 j 11:45	29° H 11'28	26°14'17	evening max el	-11785 May 02 j 22:41	12° H 28'03	27°03'40
	-11786 May 21 j 07:46	0° Y		retrograde	-11785 May 16 j 05:42	19° H 59'03	
retrograde	-11786 Jun 02 j 03:28	6° Y 30'30		evening set	-11785 May 23 j 00:48	17° H 12'50	
evening set	-11786 Jun 08 j 12:51	3° Y 45'56		min. Earth dist.	-11785 May 26 j 20:16	13° H 23'37	0.64968 AU
	-11786 Jun 12 j 01:36	30° R H		inferior conj	-11785 May 28 j 20:37	11° H 03'06	-3°16'09
min. Earth dist.	-11786 Jun 12 j 14:59	29° H 18'48	0.66088 AU	minimum elong	-11785 May 28 j 22:21	10° H 58'04	3°16'12
inferior conj	-11786 Jun 14 j 00:58	27° H 31'55	-2°52'59	morning rise	-11785 Jun 03 j 20:16	5° H 27'43	
minimum elong	-11786 Jun 14 j 03:15	27° H 24'45	2°52'35	direct	-11785 Jun 06 j 20:38	4° H 37'53	
morning rise	-11786 Jun 19 j 17:45	21° H 41'23		asc. node	-11785 Jun 12 j 02:11	6° H 58'13	
direct	-11786 Jun 23 j 00:37	20° H 39'13		morning max el	-11785 Jun 13 j 10:17	8° H 12'57	18°27'09
asc. node	-11786 Jun 25 j 05:25	21° H 05'45			-11785 Jun 28 j 07:36	0° Y	
morning max el	-11786 Jun 29 j 23:38	24° H 36'05	19°05'48	morning set	-11785 Jul 02 j 21:46	7° Y 35'21	
	-11786 Jul 04 j 11:06	0° Y			-11785 Jul 16 j 16:41	0° B	
morning set	-11786 Jul 22 j 08:55	27° Y 31'21					
	-11786 Jul 23 j 22:21	0° B		superior conj	-11785 Jul 17 j 12:00	1° B 17'08	1°08'19
max. Earth dist.	-11786 Aug 06 j 09:23	21° B 18'35	1.44547 AU	minimum elong	-11785 Jul 17 j 18:35	1° B 43'19	1°08'00
				max. Earth dist.	-11785 Jul 20 j 02:19	5° B 24'56	1.44448 AU
superior conj	-11786 Aug 07 j 11:19	23° B 01'17	0°26'30	desc. node	-11785 Jul 29 j 20:26	20° B 48'12	
minimum elong	-11786 Aug 07 j 14:33	23° B 14'04	0°26'37	evening rise	-11785 Aug 03 j 02:48	27° B 29'59	
desc. node	-11786 Aug 11 j 23:04	0° II 09'02			-11785 Aug 04 j 17:04	0° II	
	-11786 Aug 11 j 20:48	0° II		greatest brilliancy	-11785 Aug 13 j 00:44	12° II 57'48	-0.8m
evening rise	-11786 Aug 23 j 01:12	17° II 58'50			-11785 Aug 25 j 01:16	0° B	
	-11786 Aug 30 j 11:03	0° B		evening max el	-11785 Aug 26 j 19:54	1° B 57'26	19°27'18
evening max el	-11786 Sep 12 j 10:28	18° B 27'21	18°43'33	retrograde	-11785 Sep 03 j 00:02	6° B 04'07	
retrograde	-11786 Sep 19 j 04:20	22° B 13'43		evening set	-11785 Sep 06 j 07:55	4° B 59'53	
asc. node	-11786 Sep 21 j 05:45	21° B 49'49		asc. node	-11785 Sep 08 j 02:50	3° B 34'11	
evening set	-11786 Sep 22 j 03:46	21° B 23'57			-11785 Sep 11 j 06:26	30° R II	
inferior conj	-11786 Sep 28 j 02:47	15° B 41'56	2°04'22	inferior conj	-11785 Sep 11 j 23:35	29° II 05'22	1°12'23
minimum elong	-11786 Sep 27 j 23:59	15° B 50'19	2°04'03	minimum elong	-11785 Sep 11 j 21:56	29° II 10'40	1°12'25
min. Earth dist.	-11786 Sep 29 j 20:29	13° B 37'27	0.64896 AU	min. Earth dist.	-11785 Sep 13 j 05:06	27° II 30'52	0.65931 AU
morning rise	-11786 Oct 03 j 19:41	9° B 32'11		morning rise	-11785 Sep 17 j 11:37	22° II 48'14	
direct	-11786 Oct 10 j 09:49	6° B 49'03		direct	-11785 Sep 23 j 12:55	20° II 14'11	
morning max el	-11786 Oct 23 j 12:06	14° B 18'07	26°55'02	morning max el	-11785 Oct 05 j 22:18	27° II 29'28	25°56'06
	-11786 Nov 05 j 11:06	0° Ω			-11785 Oct 08 j 07:49	0° B	
desc. node	-11786 Nov 07 j 22:39	3° Ω 32'12		desc. node	-11785 Oct 25 j 19:26	23° B 15'55	
	-11786 Nov 24 j 02:21	0° M			-11785 Oct 30 j 03:10	0° Ω	
morning set	-11786 Nov 28 j 00:41	7° M 21'38		morning set	-11785 Nov 10 j 23:17	20° Ω 18'28	
max. Earth dist.	-11786 Dec 02 j 14:14	16° M 21'44	1.34635 AU	max. Earth dist.	-11785 Nov 14 j 23:59	27° Ω 52'54	1.36081 AU
					-11785 Nov 16 j 02:17	0° M	
superior conj	-11786 Dec 06 j 08:57	24° M 08'10	-1°28'26				
minimum elong	-11786 Dec 06 j 10:43	24° M 17'25	1°28'11	superior conj	-11785 Nov 20 j 06:01	8° M 14'31	-1°36'41
	-11786 Dec 09 j 03:57	0° Ω		minimum elong	-11785 Nov 20 j 06:55	8° M 19'03	1°36'23
evening rise	-11786 Dec 13 j 18:09	9° Ω 38'53		evening rise	-11785 Nov 28 j 01:10	24° M 12'31	
asc. node	-11786 Dec 18 j 03:45	18° Ω 31'12			-11785 Nov 30 j 22:19	0° Ω	
	-11786 Dec 24 j 14:39	0° M		asc. node	-11785 Dec 05 j 01:07	7° Ω 47'25	
evening max el	-11785 Jan 03 j 02:30	12° M 05'52	21°31'57	evening max el	-11785 Dec 16 j 08:48	23° Ω 37'11	20°12'53
retrograde	-11785 Jan 14 j 23:12	17° M 42'02		retrograde	-11785 Dec 26 j 16:09	28° Ω 27'42	
evening set	-11785 Jan 17 j 21:16	17° M 22'47		evening set	-11785 Dec 29 j 07:09	28° Ω 10'14	
inferior conj	-11785 Jan 26 j 21:38	13° M 21'54	2°01'52	inferior conj	-11784 Jan 06 j 22:08	24° Ω 09'05	3°24'35
minimum elong	-11785 Jan 27 j 02:28	13° M 15'01	2°00'02	minimum elong	-11784 Jan 07 j 03:38	24° Ω 00'43	3°23'13
min. Earth dist.	-11785 Jan 27 j 06:58	13° M 08'36	0.55462 AU	min. Earth dist.	-11784 Jan 08 j 20:10	22° Ω 59'22	0.56035 AU
desc. node	-11785 Feb 04 j 00:23	9° M 31'20		morning rise	-11784 Jan 15 j 22:24	19° Ω 39'43	
morning rise	-11785 Feb 05 j 07:17	9° M 12'18		direct	-11784 Jan 19 j 19:36	19° Ω 06'27	
direct	-11785 Feb 08 j 01:53	8° M 55'07		desc. node	-11784 Jan 21 j 21:08	19° Ω 16'09	
morning max el	-11785 Feb 20 j 14:29	14° M 58'56	21°55'26	morning max el	-11784 Feb 02 j 09:03	25° Ω 49'49	23°30'56
	-11785 Mar 03 j 22:06	0° J			-11784 Feb 06 j 06:31	0° M	
morning set	-11785 Mar 13 j 12:07	18° J 14'35			-11784 Feb 24 j 10:06	0° J	
asc. node	-11785 Mar 16 j 01:48	23° J 37'03		morning set	-11784 Feb 26 j 00:03	3° J 16'39	
	-11785 Mar 19 j 02:26	0° Z		asc. node	-11784 Mar 01 j 22:56	13° J 49'45	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11784 Mar 04 j 02:26	18°♄25'55	0°20'16	superior conj	-11783 Feb 16 j 12:02	3°♄23'08	-0°03'14
minimum elong	-11784 Mar 04 j 01:35	18°♄21'23	0°19'27	minimum elong	-11783 Feb 16 j 12:11	3°♄24'01	0°03'48
max. Earth dist.	-11784 Mar 06 j 06:22	23°♄01'55	1.33731 AU	behind sun begin	-11783 Feb 16 j 07:16	2°♄57'14	
	-11784 Mar 09 j 14:46	0°♄		behind sun end	-11783 Feb 16 j 17:07	3°♄50'46	
evening rise	-11784 Mar 11 j 18:24	4°♄20'33		asc. node	-11783 Feb 16 j 20:10	4°♄07'14	
	-11784 Mar 26 j 00:52	0°♄		max. Earth dist.	-11783 Feb 17 j 15:33	5°♄52'11	1.33101 AU
evening max el	-11784 Apr 14 j 08:57	25°♄27'59	27°26'17	evening rise	-11783 Feb 23 j 19:40	18°♄53'23	
desc. node	-11784 Apr 18 j 21:00	29°♄20'27			-11783 Mar 01 j 11:46	0°♄	
	-11784 Apr 19 j 19:19	0°♄			-11783 Mar 20 j 13:13	0°♄	
retrograde	-11784 Apr 28 j 02:12	3°♄02'30		evening max el	-11783 Mar 27 j 16:17	7°♄59'03	27°17'29
evening set	-11784 May 05 j 01:06	0°♄27'00		desc. node	-11783 Apr 05 j 18:11	14°♄27'35	
	-11784 May 05 j 15:05	30°♄		retrograde	-11783 Apr 10 j 16:11	15°♄31'16	
min. Earth dist.	-11784 May 08 j 17:01	27°♄09'45	0.63462 AU	evening set	-11783 Apr 17 j 10:22	13°♄19'44	
inferior conj	-11784 May 11 j 07:58	24°♄24'25	-3°27'37	min. Earth dist.	-11783 Apr 21 j 04:46	10°♄23'07	0.61629 AU
minimum elong	-11784 May 11 j 08:32	24°♄22'55	3°28'01	inferior conj	-11783 Apr 24 j 07:47	7°♄28'36	-3°23'15
morning rise	-11784 May 17 j 16:53	19°♄06'30		minimum elong	-11783 Apr 24 j 06:38	7°♄31'17	3°23'43
direct	-11784 May 20 j 11:59	18°♄27'22		morning rise	-11783 May 01 j 04:42	2°♄29'49	
morning max el	-11784 May 26 j 23:48	21°♄51'00	18°06'02	direct	-11783 May 03 j 19:15	1°♄59'58	
asc. node	-11784 May 28 j 22:59	24°♄01'14		morning max el	-11783 May 10 j 13:35	5°♄23'36	18°03'16
	-11784 Jun 02 j 06:32	0°♄		asc. node	-11783 May 15 j 19:48	11°♄59'15	
morning set	-11784 Jun 13 j 11:40	18°♄49'20			-11783 May 26 j 08:33	0°♄	
	-11784 Jun 20 j 00:05	0°♄		morning set	-11783 May 26 j 23:02	1°♄05'32	
superior conj	-11784 Jun 26 j 04:48	10°♄21'06	1°36'37	superior conj	-11783 Jun 07 j 00:04	20°♄43'28	1°48'35
minimum elong	-11784 Jun 26 j 09:44	10°♄41'22	1°36'24	minimum elong	-11783 Jun 07 j 01:15	20°♄48'35	1°48'25
max. Earth dist.	-11784 Jul 01 j 16:44	19°♄17'42	1.43663 AU		-11783 Jun 12 j 11:22	0°♄	
	-11784 Jul 08 j 10:28	0°♄		max. Earth dist.	-11783 Jun 14 j 01:47	2°♄39'11	1.42305 AU
evening rise	-11784 Jul 12 j 06:59	6°♄01'17		evening rise	-11783 Jun 21 j 09:15	14°♄27'21	
desc. node	-11784 Jul 15 j 17:52	11°♄21'38			-11783 Jul 01 j 11:10	0°♄	
	-11784 Jul 28 j 02:59	0°♄		desc. node	-11783 Jul 02 j 15:18	1°♄45'25	
evening max el	-11784 Aug 08 j 23:35	15°♄25'04	20°26'15	evening max el	-11783 Jul 22 j 20:18	28°♄48'39	21°37'58
retrograde	-11784 Aug 16 j 20:52	20°♄01'23			-11783 Jul 24 j 01:34	0°♄	
evening set	-11784 Aug 20 j 15:22	18°♄39'32		retrograde	-11783 Jul 31 j 16:52	4°♄02'41	
asc. node	-11784 Aug 24 j 23:50	14°♄01'13		evening set	-11783 Aug 04 j 23:57	2°♄20'44	
inferior conj	-11784 Aug 26 j 01:33	12°♄35'40	0°20'19		-11783 Aug 07 j 08:22	30°♄	
minimum elong	-11784 Aug 26 j 01:05	12°♄37'14	0°20'46	inferior conj	-11783 Aug 10 j 06:36	26°♄10'27	-0°29'56
min. Earth dist.	-11784 Aug 26 j 19:54	11°♄34'02	0.66659 AU	minimum elong	-11783 Aug 10 j 07:13	26°♄08'19	0°29'09
morning rise	-11784 Aug 31 j 10:36	6°♄14'56		min. Earth dist.	-11783 Aug 10 j 14:25	25°♄43'30	0.67095 AU
direct	-11784 Sep 05 j 21:35	3°♄55'49		asc. node	-11783 Aug 11 j 20:46	24°♄00'27	
morning max el	-11784 Sep 17 j 08:11	10°♄45'19	24°40'30	morning rise	-11783 Aug 15 j 14:22	19°♄50'05	
	-11784 Oct 02 j 17:12	0°♄		direct	-11783 Aug 20 j 11:17	17°♄48'39	
desc. node	-11784 Oct 11 j 16:17	13°♄22'13		morning max el	-11783 Aug 30 j 18:49	24°♄01'13	23°17'08
	-11784 Oct 21 j 19:36	0°♄			-11783 Sep 05 j 01:21	0°♄	
morning set	-11784 Oct 23 j 02:39	2°♄14'47			-11783 Sep 26 j 04:12	0°♄	
max. Earth dist.	-11784 Oct 27 j 01:13	9°♄16'09	1.37883 AU	desc. node	-11783 Sep 28 j 13:13	3°♄44'15	
superior conj	-11784 Nov 02 j 16:41	21°♄45'05	-1°38'15	morning set	-11783 Oct 04 j 05:38	12°♄57'54	
minimum elong	-11784 Nov 02 j 16:07	21°♄42'18	1°37'49	max. Earth dist.	-11783 Oct 08 j 23:44	21°♄00'59	1.39862 AU
	-11784 Nov 06 j 21:32	0°♄			-11783 Oct 14 j 01:49	0°♄	
evening rise	-11784 Nov 11 j 03:10	8°♄26'00		superior conj	-11783 Oct 16 j 12:35	4°♄27'54	-1°31'03
asc. node	-11784 Nov 20 j 22:29	26°♄30'39		minimum elong	-11783 Oct 16 j 10:06	4°♄16'31	1°30'21
	-11784 Nov 23 j 06:06	0°♄		evening rise	-11783 Oct 25 j 21:33	22°♄12'48	
evening max el	-11784 Nov 28 j 01:23	5°♄42'40	19°11'48		-11783 Oct 30 j 00:07	0°♄	
retrograde	-11784 Dec 06 j 21:47	9°♄55'42		asc. node	-11783 Nov 07 j 19:47	14°♄30'15	
evening set	-11784 Dec 09 j 09:59	9°♄36'52		evening max el	-11783 Nov 11 j 03:22	18°♄19'50	18°30'53
inferior conj	-11784 Dec 17 j 12:34	5°♄22'20	4°08'51	retrograde	-11783 Nov 18 j 20:52	22°♄07'38	
minimum elong	-11784 Dec 17 j 15:04	5°♄18'02	4°08'37	evening set	-11783 Nov 21 j 08:18	21°♄45'33	
min. Earth dist.	-11784 Dec 20 j 10:04	3°♄23'40	0.57324 AU	inferior conj	-11783 Nov 28 j 22:01	17°♄10'58	4°15'56
morning rise	-11784 Dec 25 j 18:02	0°♄28'14		minimum elong	-11783 Nov 28 j 20:56	17°♄13'08	4°16'04
	-11784 Dec 27 j 02:20	30°♄		min. Earth dist.	-11783 Dec 02 j 03:11	14°♄39'15	0.59055 AU
direct	-11784 Dec 30 j 23:46	29°♄24'26		morning rise	-11783 Dec 06 j 07:45	11°♄54'56	
	-11783 Jan 03 j 21:16	0°♄		direct	-11783 Dec 12 j 16:00	10°♄13'01	
desc. node	-11783 Jan 07 j 17:49	1°♄42'02		desc. node	-11783 Dec 25 j 14:30	16°♄29'43	
morning max el	-11783 Jan 13 j 23:50	6°♄31'32	25°05'56	morning max el	-11783 Dec 26 j 17:11	17°♄31'39	26°25'23
	-11783 Jan 31 j 01:44	0°♄			-11782 Jan 06 j 03:03	0°♄	
morning set	-11783 Feb 09 j 12:34	18°♄21'57			-11782 Jan 23 j 08:29	0°♄	
	-11783 Feb 14 j 22:38	0°♄		morning set	-11782 Jan 24 j 23:53	3°♄23'47	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11782 Jan 31 j 23:33	18° \mathbb{M} 26'30	-0°25'53	superior conj	-11781 Jan 16 j 11:19	3° \mathbb{M} 29'39	-0°46'58
minimum elong	-11782 Feb 01 j 00:36	18° \mathbb{M} 32'11	0°26'10	minimum elong	-11781 Jan 16 j 13:01	3° \mathbb{M} 38'56	0°47'01
max. Earth dist.	-11782 Feb 01 j 04:24	18° \mathbb{M} 53'00	1.32807 AU	asc. node	-11781 Jan 21 j 14:38	14° \mathbb{M} 38'40	
asc. node	-11782 Feb 03 j 17:22	24° \mathbb{M} 24'47		evening rise	-11781 Jan 23 j 12:00	18° \mathbb{M} 38'59	
	-11782 Feb 06 j 07:54	0° \mathbb{A}			-11781 Jan 29 j 03:45	0° \mathbb{A}	
evening rise	-11782 Feb 08 j 02:14	3° \mathbb{A} 42'03			-11781 Feb 18 j 10:08	0° \mathbb{B}	
	-11782 Feb 22 j 09:03	0° \mathbb{B}		evening max el	-11781 Feb 19 j 16:00	1° \mathbb{B} 13'32	25°26'05
evening max el	-11782 Mar 09 j 18:51	19° \mathbb{B} 54'05	26°36'03	retrograde	-11781 Mar 05 j 17:09	8° \mathbb{B} 22'19	
retrograde	-11782 Mar 23 j 21:57	27° \mathbb{B} 18'11		evening set	-11781 Mar 10 j 21:55	7° \mathbb{B} 18'40	
desc. node	-11782 Mar 23 j 15:18	27° \mathbb{B} 17'59		desc. node	-11781 Mar 10 j 12:20	7° \mathbb{B} 27'55	
evening set	-11782 Mar 30 j 01:35	25° \mathbb{B} 40'12		min. Earth dist.	-11781 Mar 16 j 05:27	4° \mathbb{B} 21'07	0.57755 AU
min. Earth dist.	-11782 Apr 03 j 08:19	22° \mathbb{B} 49'52	0.59639 AU	inferior conj	-11781 Mar 19 j 06:44	2° \mathbb{B} 12'48	-2°03'46
inferior conj	-11782 Apr 06 j 16:29	20° \mathbb{B} 07'29	-2°57'20	minimum elong	-11781 Mar 19 j 03:09	2° \mathbb{B} 19'08	2°03'33
minimum elong	-11782 Apr 06 j 13:33	20° \mathbb{B} 13'28	2°57'30		-11781 Mar 22 j 14:31	30° \mathbb{R} \mathbb{A}	
morning rise	-11782 Apr 14 j 04:13	15° \mathbb{B} 28'26		morning rise	-11781 Mar 27 j 11:35	27° \mathbb{A} 52'36	
direct	-11782 Apr 16 j 14:29	15° \mathbb{B} 06'24		direct	-11781 Mar 29 j 17:50	27° \mathbb{A} 36'38	
morning max el	-11782 Apr 24 j 00:49	18° \mathbb{B} 42'50	18°19'29		-11781 Apr 05 j 07:02	0° \mathbb{B}	
	-11782 May 02 j 07:18	0° \approx		morning max el	-11781 Apr 07 j 06:35	1° \mathbb{B} 39'59	18°55'16
asc. node	-11782 May 02 j 16:39	0° \approx 39'34		asc. node	-11781 Apr 19 j 13:31	19° \mathbb{B} 52'25	
morning set	-11782 May 10 j 03:06	14° \approx 13'00		morning set	-11781 Apr 23 j 19:31	28° \mathbb{B} 01'21	
	-11782 May 18 j 13:35	0° \mathbb{H}			-11781 Apr 24 j 19:46	0° \approx	
superior conj	-11782 May 19 j 20:48	2° \mathbb{H} 22'18	1°46'52	superior conj	-11781 May 02 j 13:58	15° \approx 04'46	1°35'33
minimum elong	-11782 May 19 j 19:10	2° \mathbb{H} 14'52	1°46'29	minimum elong	-11781 May 02 j 11:04	14° \approx 50'59	1°34'49
max. Earth dist.	-11782 May 27 j 05:11	15° \mathbb{H} 20'00	1.40570 AU	max. Earth dist.	-11781 May 09 j 05:44	27° \approx 23'52	1.38695 AU
evening rise	-11782 Jun 01 j 06:51	23° \mathbb{H} 50'22			-11781 May 10 j 16:47	0° \mathbb{H}	
	-11782 Jun 05 j 02:03	0° \mathbb{Y}		evening rise	-11781 May 13 j 08:00	4° \mathbb{H} 36'11	
desc. node	-11782 Jun 19 j 12:45	21° \mathbb{Y} 54'27			-11781 May 29 j 04:22	0° \mathbb{Y}	
	-11782 Jun 25 j 08:32	0° \mathbb{B}		desc. node	-11781 Jun 06 j 10:13	11° \mathbb{Y} 42'32	
evening max el	-11782 Jul 05 j 10:44	12° \mathbb{B} 09'06	22°58'06	evening max el	-11781 Jun 17 j 21:21	25° \mathbb{Y} 29'50	24°20'16
retrograde	-11782 Jul 15 j 10:28	18° \mathbb{B} 04'47			-11781 Jun 23 j 05:09	0° \mathbb{B}	
evening set	-11782 Jul 20 j 07:41	16° \mathbb{B} 01'34		retrograde	-11781 Jun 29 j 00:41	2° \mathbb{B} 05'02	
inferior conj	-11782 Jul 25 j 12:53	9° \mathbb{B} 47'29	-1°16'54		-11781 Jul 04 j 04:10	30° \mathbb{R} \mathbb{Y}	
minimum elong	-11782 Jul 25 j 14:23	9° \mathbb{B} 42'17	1°15'57	evening set	-11781 Jul 04 j 12:46	29° \mathbb{Y} 41'37	
min. Earth dist.	-11782 Jul 25 j 10:09	9° \mathbb{B} 56'56	0.67242 AU	min. Earth dist.	-11781 Jul 09 j 04:43	24° \mathbb{Y} 13'19	0.67076 AU
asc. node	-11782 Jul 29 j 17:38	4° \mathbb{B} 33'01		inferior conj	-11781 Jul 09 j 18:42	23° \mathbb{Y} 25'56	-1°59'12
morning rise	-11782 Jul 30 j 20:59	3° \mathbb{B} 31'17		minimum elong	-11781 Jul 09 j 20:48	23° \mathbb{Y} 18'48	1°58'18
direct	-11782 Aug 04 j 05:00	1° \mathbb{B} 48'09		morning rise	-11781 Jul 15 j 04:47	17° \mathbb{Y} 17'29	
morning max el	-11782 Aug 13 j 08:43	7° \mathbb{B} 17'52	21°54'19	asc. node	-11781 Jul 16 j 14:27	16° \mathbb{Y} 26'15	
	-11782 Aug 30 j 14:39	0° \mathbb{I}		direct	-11781 Jul 19 j 01:34	15° \mathbb{Y} 51'44	
morning set	-11782 Sep 14 j 06:09	22° \mathbb{I} 24'12		morning max el	-11781 Jul 27 j 04:29	20° \mathbb{Y} 40'03	20°38'54
desc. node	-11782 Sep 15 j 10:12	24° \mathbb{I} 16'12			-11781 Aug 03 j 18:00	0° \mathbb{B}	
	-11782 Sep 18 j 23:08	0° \mathbb{E}			-11781 Aug 23 j 20:36	0° \mathbb{I}	
max. Earth dist.	-11782 Sep 21 j 02:06	3° \mathbb{E} 30'03	1.41760 AU	morning set	-11781 Aug 24 j 11:56	0° \mathbb{I} 59'38	
				desc. node	-11781 Sep 02 j 07:18	14° \mathbb{I} 54'28	
superior conj	-11782 Sep 28 j 12:05	16° \mathbb{E} 07'20	-1°12'48	max. Earth dist.	-11781 Sep 03 j 11:12	16° \mathbb{I} 46'46	1.43306 AU
minimum elong	-11782 Sep 28 j 08:01	15° \mathbb{E} 49'36	1°11'45				
	-11782 Oct 06 j 06:14	0° \mathbb{O}		superior conj	-11781 Sep 09 j 09:45	26° \mathbb{I} 29'58	-0°41'53
evening rise	-11782 Oct 09 j 04:54	5° \mathbb{O} 23'49		minimum elong	-11781 Sep 09 j 06:01	26° \mathbb{I} 14'30	0°40'45
	-11782 Oct 24 j 06:06	0° \mathbb{M}			-11781 Sep 11 j 12:05	0° \mathbb{E}	
evening max el	-11782 Oct 25 j 12:11	1° \mathbb{M} 20'20	18°10'08	evening rise	-11781 Sep 21 j 20:59	17° \mathbb{E} 49'36	
asc. node	-11782 Oct 25 j 17:04	1° \mathbb{M} 32'16			-11781 Sep 28 j 21:13	0° \mathbb{O}	
retrograde	-11782 Nov 01 j 12:24	4° \mathbb{M} 55'13		evening max el	-11781 Oct 09 j 00:53	14° \mathbb{O} 36'39	18°08'45
evening set	-11782 Nov 04 j 00:37	4° \mathbb{M} 28'17		asc. node	-11781 Oct 12 j 14:17	17° \mathbb{O} 21'14	
	-11782 Nov 10 j 13:34	30° \mathbb{R} \mathbb{O}		retrograde	-11781 Oct 15 j 16:45	18° \mathbb{O} 09'10	
inferior conj	-11782 Nov 11 j 01:58	29° \mathbb{O} 31'57	3°56'05	evening set	-11781 Oct 18 j 07:32	17° \mathbb{O} 35'30	
minimum elong	-11782 Nov 10 j 22:43	29° \mathbb{O} 39'20	3°55'58	inferior conj	-11781 Oct 24 j 21:31	12° \mathbb{O} 18'55	3°19'26
min. Earth dist.	-11782 Nov 14 j 02:36	26° \mathbb{O} 47'46	0.60913 AU	minimum elong	-11781 Oct 24 j 17:41	12° \mathbb{O} 28'44	3°19'02
morning rise	-11782 Nov 17 j 19:28	23° \mathbb{O} 57'12		min. Earth dist.	-11781 Oct 27 j 11:17	9° \mathbb{O} 40'42	0.62657 AU
direct	-11782 Nov 24 j 18:08	21° \mathbb{O} 42'10		morning rise	-11781 Oct 31 j 02:54	6° \mathbb{O} 27'59	
morning max el	-11782 Dec 08 j 16:35	29° \mathbb{O} 07'23	27°17'00	direct	-11781 Nov 07 j 04:18	3° \mathbb{O} 51'53	
	-11782 Dec 09 j 13:59	0° \mathbb{M}		morning max el	-11781 Nov 20 j 22:04	11° \mathbb{O} 22'25	27°34'32
desc. node	-11782 Dec 12 j 11:09	3° \mathbb{M} 04'51		desc. node	-11781 Nov 29 j 07:47	20° \mathbb{O} 57'34	
	-11782 Dec 30 j 20:18	0° \mathbb{E}			-11781 Dec 05 j 19:19	0° \mathbb{M}	
morning set	-11781 Jan 09 j 08:08	18° \mathbb{E} 15'10			-11781 Dec 23 j 01:30	0° \mathbb{E}	
	-11781 Jan 14 j 20:48	0° \mathbb{M}		morning set	-11781 Dec 24 j 11:05	2° \mathbb{E} 48'07	
max. Earth dist.	-11781 Jan 15 j 17:27	1° \mathbb{M} 52'19	1.32841 AU	max. Earth dist.	-11781 Dec 30 j 02:56	14° \mathbb{E} 36'39	1.33226 AU

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11781 Dec 31 j 21:38	18° Ω 26'13	-1°05'44	morning set	-11780 Dec 07 j 06:04	16° \mathbb{M} 53'46	
minimum elong	-11781 Dec 31 j 23:42	18° Ω 37'20	1°05'37	max. Earth dist.	-11780 Dec 12 j 05:07	26° \mathbb{M} 54'41	1.33997 AU
	-11780 Jan 06 j 06:11	0° \mathbb{M}			-11780 Dec 13 j 16:40	0° Ω	
evening rise	-11780 Jan 07 j 23:11	3° \mathbb{M} 37'14					
asc. node	-11780 Jan 08 j 11:56	4° \mathbb{M} 44'01		superior conj	-11780 Dec 15 j 04:42	3° Ω 09'58	-1°21'19
	-11780 Jan 22 j 10:44	0° \mathbb{A}		minimum elong	-11780 Dec 15 j 06:43	3° Ω 20'40	1°21'06
evening max el	-11780 Feb 01 j 09:23	12° \mathbb{A} 08'29	23°57'22	evening rise	-11780 Dec 22 j 10:08	18° Ω 30'58	
retrograde	-11780 Feb 15 j 00:05	18° \mathbb{A} 51'28		asc. node	-11780 Dec 25 j 09:18	24° Ω 35'48	
evening set	-11780 Feb 19 j 02:56	18° \mathbb{A} 13'53			-11780 Dec 28 j 03:48	0° \mathbb{M}	
desc. node	-11780 Feb 25 j 09:17	15° \mathbb{A} 17'08		evening max el	-11779 Jan 13 j 03:53	23° \mathbb{M} 02'13	22°23'23
min. Earth dist.	-11780 Feb 25 j 22:27	14° \mathbb{A} 57'19	0.56285 AU	retrograde	-11779 Jan 25 j 19:51	29° \mathbb{M} 06'04	
inferior conj	-11780 Feb 28 j 01:13	13° \mathbb{A} 39'06	-0°40'22	evening set	-11779 Jan 29 j 01:29	28° \mathbb{M} 43'02	
minimum elong	-11780 Feb 27 j 23:36	13° \mathbb{A} 41'36	0°40'30	min. Earth dist.	-11779 Feb 06 j 13:33	24° \mathbb{M} 54'15	0.55516 AU
morning rise	-11780 Mar 07 j 22:59	9° \mathbb{A} 33'03		inferior conj	-11779 Feb 07 j 03:57	24° \mathbb{M} 33'35	1°02'52
direct	-11780 Mar 10 j 03:06	9° \mathbb{A} 20'40		minimum elong	-11779 Feb 07 j 06:36	24° \mathbb{M} 29'46	1°01'30
morning max el	-11780 Mar 20 j 03:55	14° \mathbb{A} 05'09	19°50'50	desc. node	-11779 Feb 11 j 06:07	22° \mathbb{M} 20'04	
	-11780 Mar 31 j 10:51	0° \mathbb{B}		morning rise	-11779 Feb 16 j 12:41	20° \mathbb{M} 29'47	
asc. node	-11780 Apr 05 j 10:27	9° \mathbb{B} 29'24		direct	-11779 Feb 18 j 21:50	20° \mathbb{M} 16'38	
morning set	-11780 Apr 06 j 20:39	12° \mathbb{B} 20'07		morning max el	-11779 Mar 02 j 14:38	25° \mathbb{M} 51'59	21°05'16
					-11779 Mar 06 j 09:29	0° \mathbb{A}	
superior conj	-11780 Apr 14 j 22:13	28° \mathbb{B} 35'37	1°18'02	morning set	-11779 Mar 22 j 03:43	27° \mathbb{A} 01'28	
minimum elong	-11780 Apr 14 j 19:14	28° \mathbb{B} 20'51	1°17'04	asc. node	-11779 Mar 23 j 07:30	29° \mathbb{A} 24'33	
	-11780 Apr 15 j 15:16	0° \approx			-11779 Mar 23 j 14:20	0° \mathbb{B}	
max. Earth dist.	-11780 Apr 20 j 08:17	9° \approx 06'22	1.36915 AU				
evening rise	-11780 Apr 24 j 09:59	16° \approx 38'10		superior conj	-11779 Mar 29 j 17:19	12° \mathbb{B} 42'53	0°56'53
	-11780 May 02 j 02:56	0° \mathbb{H}		minimum elong	-11779 Mar 29 j 14:57	12° \mathbb{B} 30'43	0°55'50
	-11780 May 22 j 12:24	0° \mathbb{Y}		max. Earth dist.	-11779 Apr 02 j 18:30	20° \mathbb{B} 54'27	1.35409 AU
desc. node	-11780 May 23 j 07:42	1° \mathbb{Y} 00'15		evening rise	-11779 Apr 07 j 07:15	29° \mathbb{B} 41'19	
evening max el	-11780 May 30 j 06:55	8° \mathbb{Y} 51'18	25°36'29		-11779 Apr 07 j 11:13	0° \approx	
retrograde	-11780 Jun 11 j 10:47	15° \mathbb{Y} 57'59			-11779 Apr 25 j 06:09	0° \mathbb{H}	
evening set	-11780 Jun 17 j 13:06	13° \mathbb{Y} 18'42		desc. node	-11779 May 10 j 05:06	19° \mathbb{H} 35'12	
min. Earth dist.	-11780 Jun 21 j 19:48	8° \mathbb{Y} 29'16	0.66557 AU	evening max el	-11779 May 12 j 17:13	22° \mathbb{H} 11'18	26°38'05
inferior conj	-11780 Jun 22 j 22:11	7° \mathbb{Y} 03'28	-2°35'29	retrograde	-11779 May 25 j 16:17	29° \mathbb{H} 37'29	
minimum elong	-11780 Jun 23 j 00:32	6° \mathbb{Y} 55'50	2°34'51	evening set	-11779 Jun 01 j 06:23	26° \mathbb{H} 50'30	
morning rise	-11780 Jun 28 j 12:00	1° \mathbb{Y} 05'48		min. Earth dist.	-11779 Jun 05 j 05:16	22° \mathbb{H} 40'06	0.65657 AU
	-11780 Jul 01 j 02:40	30° \mathbb{R} \mathbb{H}		inferior conj	-11779 Jun 06 j 21:22	20° \mathbb{H} 37'49	-3°04'06
direct	-11780 Jul 01 j 23:22	29° \mathbb{H} 55'45		minimum elong	-11779 Jun 06 j 23:29	20° \mathbb{H} 31'21	3°03'52
asc. node	-11780 Jul 02 j 11:13	29° \mathbb{H} 57'07		morning rise	-11779 Jun 12 j 16:49	14° \mathbb{H} 53'39	
	-11780 Jul 02 j 20:20	0° \mathbb{Y}		direct	-11779 Jun 15 j 20:38	13° \mathbb{H} 57'07	
morning max el	-11780 Jul 09 j 06:50	4° \mathbb{Y} 08'58	19°35'35	asc. node	-11779 Jun 19 j 08:00	15° \mathbb{H} 01'36	
	-11780 Jul 27 j 13:45	0° \mathbb{B}		morning max el	-11779 Jun 22 j 14:57	17° \mathbb{H} 43'45	18°47'19
morning set	-11780 Aug 02 j 17:13	9° \mathbb{B} 35'44			-11779 Jul 01 j 18:28	0° \mathbb{Y}	
	-11780 Aug 15 j 16:18	0° \mathbb{H}		morning set	-11779 Jul 13 j 15:49	18° \mathbb{Y} 59'51	
max. Earth dist.	-11780 Aug 16 j 01:26	0° \mathbb{H} 36'18	1.44282 AU		-11779 Jul 20 j 12:14	0° \mathbb{B}	
superior conj	-11780 Aug 19 j 04:09	5° \mathbb{H} 34'08	0°00'06	superior conj	-11779 Jul 29 j 05:18	13° \mathbb{B} 50'22	0°45'23
minimum elong	-11780 Aug 19 j 04:14	5° \mathbb{H} 34'25	0°00'41	minimum elong	-11779 Jul 29 j 10:30	14° \mathbb{B} 10'58	0°45'14
behind sun begin	-11780 Aug 18 j 17:11	4° \mathbb{H} 50'17		max. Earth dist.	-11779 Jul 29 j 17:48	14° \mathbb{B} 39'51	1.44582 AU
behind sun end	-11780 Aug 19 j 15:16	6° \mathbb{H} 18'37		desc. node	-11779 Aug 06 j 01:51	26° \mathbb{B} 16'22	
desc. node	-11780 Aug 19 j 04:33	5° \mathbb{H} 35'45			-11779 Aug 08 j 10:15	0° \mathbb{H}	
evening rise	-11780 Sep 02 j 16:25	29° \mathbb{H} 17'00		evening rise	-11779 Aug 14 j 09:49	9° \mathbb{H} 31'36	
	-11780 Sep 03 j 02:45	0° \mathbb{B}			-11779 Aug 27 j 09:12	0° \mathbb{B}	
evening max el	-11780 Sep 21 j 14:31	28° \mathbb{B} 02'33	18°25'47	evening max el	-11779 Sep 05 j 02:14	11° \mathbb{B} 32'20	19°00'13
	-11780 Sep 23 j 19:32	0° \mathbb{Q}		retrograde	-11779 Sep 11 j 23:49	15° \mathbb{B} 26'38	
retrograde	-11780 Sep 28 j 05:45	1° \mathbb{Q} 41'47		evening set	-11779 Sep 15 j 02:27	14° \mathbb{B} 31'18	
asc. node	-11780 Sep 28 j 11:25	1° \mathbb{Q} 41'28		asc. node	-11779 Sep 15 j 08:32	14° \mathbb{B} 21'59	
evening set	-11780 Oct 01 j 01:17	0° \mathbb{Q} 58'51		inferior conj	-11779 Sep 20 j 22:08	8° \mathbb{B} 43'38	1°42'29
	-11780 Oct 02 j 14:42	30° \mathbb{R} \mathbb{B}		minimum elong	-11779 Sep 20 j 19:48	8° \mathbb{B} 50'51	1°42'19
inferior conj	-11780 Oct 07 j 05:17	25° \mathbb{B} 25'06	2°33'18	min. Earth dist.	-11779 Sep 22 j 10:35	6° \mathbb{B} 51'09	0.65367 AU
minimum elong	-11780 Oct 07 j 01:57	25° \mathbb{B} 34'38	2°32'53	morning rise	-11779 Sep 26 j 12:40	2° \mathbb{B} 30'01	
min. Earth dist.	-11780 Oct 09 j 06:18	23° \mathbb{B} 05'46	0.64157 AU		-11779 Oct 01 j 05:34	30° \mathbb{R} \mathbb{H}	
morning rise	-11780 Oct 13 j 01:56	19° \mathbb{B} 20'58		direct	-11779 Oct 02 j 21:36	29° \mathbb{H} 49'36	
direct	-11780 Oct 19 j 21:40	16° \mathbb{B} 37'01			-11779 Oct 04 j 15:02	0° \mathbb{B}	
morning max el	-11780 Nov 02 j 07:23	24° \mathbb{B} 09'28	27°18'09	morning max el	-11779 Oct 15 j 17:44	7° \mathbb{B} 15'12	26°32'35
	-11780 Nov 07 j 16:21	0° \mathbb{Q}		desc. node	-11779 Nov 02 j 01:11	29° \mathbb{B} 12'23	
desc. node	-11780 Nov 15 j 04:28	9° \mathbb{Q} 45'40			-11779 Nov 02 j 13:58	0° \mathbb{Q}	
	-11780 Nov 28 j 02:11	0° \mathbb{M}			-11779 Nov 20 j 09:14	0° \mathbb{M}	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

morning set	-11779 Nov 20 j 13:23	0° \mathbb{M} 19'33		morning set	-11778 Nov 03 j 04:28	12° Ω 52'27	
max. Earth dist.	-11779 Nov 24 j 20:50	8° \mathbb{M} 39'38	1.35197 AU	max. Earth dist.	-11778 Nov 07 j 02:02	20° Ω 02'23	1.36812 AU
					-11778 Nov 12 j 06:08	0° \mathbb{M}	
superior conj	-11779 Nov 29 j 06:12	17° \mathbb{M} 32'23	-1°32'39	superior conj	-11778 Nov 12 j 23:20	1° \mathbb{M} 25'05	-1°38'17
minimum elong	-11779 Nov 29 j 07:40	17° \mathbb{M} 39'59	1°32'23	minimum elong	-11778 Nov 12 j 23:40	1° \mathbb{M} 26'48	1°37'57
	-11779 Dec 05 j 05:49	0° $\underline{\Omega}$		evening rise	-11778 Nov 21 j 00:14	17° \mathbb{M} 38'51	
evening rise	-11779 Dec 06 j 19:06	3° $\underline{\Omega}$ 13'14			-11778 Nov 27 j 09:04	0° $\underline{\Omega}$	
asc. node	-11779 Dec 12 j 06:40	14° $\underline{\Omega}$ 06'57		asc. node	-11778 Nov 29 j 04:01	3° $\underline{\Omega}$ 10'05	
	-11779 Dec 22 j 06:57	0° \mathbb{M}		evening max el	-11778 Dec 08 j 15:42	16° $\underline{\Omega}$ 02'21	19°44'30
evening max el	-11779 Dec 26 j 04:55	4° \mathbb{M} 16'07	20°56'22	retrograde	-11778 Dec 18 j 07:09	20° $\underline{\Omega}$ 34'52	
retrograde	-11778 Jan 06 j 10:20	9° \mathbb{M} 32'23		evening set	-11778 Dec 20 j 20:47	20° $\underline{\Omega}$ 17'02	
evening set	-11778 Jan 09 j 04:19	9° \mathbb{M} 14'38		inferior conj	-11778 Dec 29 j 06:43	16° $\underline{\Omega}$ 11'44	3°48'16
inferior conj	-11778 Jan 18 j 01:24	5° \mathbb{M} 15'49	2°41'01	minimum elong	-11778 Dec 29 j 11:14	16° $\underline{\Omega}$ 04'32	3°47'26
minimum elong	-11778 Jan 18 j 07:04	5° \mathbb{M} 07'35	2°39'11	min. Earth dist.	-11778 Dec 31 j 16:55	14° $\underline{\Omega}$ 39'36	0.56520 AU
min. Earth dist.	-11778 Jan 19 j 03:35	4° \mathbb{M} 37'48	0.55606 AU	morning rise	-11777 Jan 06 j 23:38	11° $\underline{\Omega}$ 31'51	
morning rise	-11778 Jan 27 j 08:37	0° \mathbb{M} 58'34		direct	-11777 Jan 11 j 11:02	10° $\underline{\Omega}$ 46'54	
desc. node	-11778 Jan 29 j 02:54	0° \mathbb{M} 40'46		desc. node	-11777 Jan 15 j 23:38	11° $\underline{\Omega}$ 33'52	
direct	-11778 Jan 30 j 12:56	0° \mathbb{M} 36'15		morning max el	-11777 Jan 25 j 06:09	17° $\underline{\Omega}$ 42'12	24°12'07
morning max el	-11778 Feb 12 j 14:15	6° \mathbb{M} 59'33	22°35'10		-11777 Feb 04 j 06:30	0° \mathbb{M}	
	-11778 Feb 28 j 14:16	0° \mathbb{M}		morning set	-11777 Feb 19 j 02:48	27° \mathbb{M} 01'16	
morning set	-11778 Mar 06 j 14:26	11° \mathbb{M} 57'28			-11777 Feb 20 j 12:39	0° \mathbb{M}	
asc. node	-11778 Mar 10 j 04:36	19° \mathbb{M} 32'00		asc. node	-11777 Feb 25 j 01:46	9° \mathbb{M} 46'55	
superior conj	-11778 Mar 13 j 19:57	27° \mathbb{M} 15'54	0°33'51	superior conj	-11777 Feb 26 j 03:36	12° \mathbb{M} 06'16	0°10'15
minimum elong	-11778 Mar 13 j 18:31	27° \mathbb{M} 08'19	0°32'55	minimum elong	-11777 Feb 26 j 03:11	12° \mathbb{M} 04'03	0°09'32
	-11778 Mar 15 j 03:08	0° \mathbb{M}		behind sun begin	-11777 Feb 25 j 23:04	11° \mathbb{M} 41'51	
max. Earth dist.	-11778 Mar 16 j 15:02	3° \mathbb{M} 07'00	1.34245 AU	behind sun end	-11777 Feb 26 j 07:18	12° \mathbb{M} 26'14	
evening rise	-11778 Mar 21 j 18:29	13° \mathbb{M} 29'28		max. Earth dist.	-11777 Feb 27 j 20:37	15° \mathbb{M} 46'24	1.33430 AU
	-11778 Mar 30 j 17:29	0° \approx		evening rise	-11777 Mar 05 j 15:34	27° \mathbb{M} 49'16	
	-11778 Apr 20 j 04:47	0° \mathbb{M}			-11777 Mar 06 j 17:43	0° \mathbb{M}	
evening max el	-11778 Apr 25 j 04:05	5° \mathbb{M} 22'01	27°16'59		-11777 Mar 24 j 00:10	0° \approx	
desc. node	-11778 Apr 27 j 02:26	7° \mathbb{M} 09'59		evening max el	-11777 Apr 07 j 13:37	18° \approx 11'31	27°26'39
retrograde	-11778 May 08 j 16:23	12° \mathbb{M} 56'03		desc. node	-11777 Apr 13 j 23:41	23° \approx 20'01	
evening set	-11778 May 15 j 13:48	10° \mathbb{M} 12'52		retrograde	-11777 Apr 21 j 10:09	25° \approx 45'04	
min. Earth dist.	-11778 May 19 j 07:15	6° \mathbb{M} 38'03	0.64364 AU	evening set	-11777 Apr 28 j 08:04	23° \approx 18'40	
inferior conj	-11778 May 21 j 13:50	4° \mathbb{M} 05'28	-3°22'45	min. Earth dist.	-11777 May 02 j 00:17	20° \approx 11'32	0.62711 AU
minimum elong	-11778 May 21 j 15:09	4° \mathbb{M} 01'46	3°22'57	inferior conj	-11777 May 04 j 20:43	17° \approx 20'21	-3°28'03
	-11778 May 25 j 15:25	30° \approx		minimum elong	-11777 May 04 j 20:36	17° \approx 20'37	3°28'32
morning rise	-11778 May 27 j 17:07	28° \approx 37'08		morning rise	-11777 May 11 j 10:21	12° \approx 10'05	
direct	-11778 May 30 j 15:00	27° \approx 52'09		direct	-11777 May 14 j 03:30	11° \approx 34'58	
	-11778 Jun 04 j 15:20	0° \mathbb{M}		morning max el	-11777 May 20 j 16:57	14° \approx 57'15	18°02'32
morning max el	-11778 Jun 06 j 03:06	1° \mathbb{M} 21'27	18°15'56	asc. node	-11777 May 24 j 01:36	18° \approx 53'26	
asc. node	-11778 Jun 06 j 04:48	1° \mathbb{M} 25'46			-11777 May 31 j 04:36	0° \mathbb{M}	
morning set	-11778 Jun 24 j 15:32	29° \mathbb{M} 33'41		morning set	-11777 Jun 06 j 15:08	11° \mathbb{M} 15'19	
	-11778 Jun 24 j 21:47	0° \mathbb{Y}			-11777 Jun 17 j 10:44	0° \mathbb{Y}	
superior conj	-11778 Jul 08 j 10:39	22° \mathbb{Y} 20'24	1°22'20	superior conj	-11777 Jun 18 j 14:08	1° \mathbb{Y} 55'21	1°43'37
minimum elong	-11778 Jul 08 j 17:03	22° \mathbb{Y} 46'13	1°22'01	minimum elong	-11777 Jun 18 j 17:30	2° \mathbb{Y} 09'26	1°43'27
max. Earth dist.	-11778 Jul 12 j 09:31	28° \mathbb{Y} 40'34	1.44185 AU	max. Earth dist.	-11777 Jun 24 j 22:04	12° \mathbb{Y} 22'14	1.43146 AU
	-11778 Jul 13 j 05:28	0° \mathbb{B}		evening rise	-11777 Jul 04 j 01:04	26° \mathbb{Y} 52'56	
desc. node	-11778 Jul 23 j 23:15	16° \mathbb{B} 53'28			-11777 Jul 06 j 01:13	0° \mathbb{B}	
evening rise	-11778 Jul 25 j 00:41	18° \mathbb{B} 32'31		desc. node	-11777 Jul 10 j 20:40	7° \mathbb{B} 23'01	
	-11778 Aug 01 j 10:17	0° \mathbb{H}			-11777 Jul 26 j 09:49	0° \mathbb{H}	
greatest brilliancy	-11778 Aug 06 j 07:04	7° \mathbb{H} 24'50	-0.7m	evening max el	-11777 Aug 02 j 10:21	8° \mathbb{H} 27'55	20°55'30
evening max el	-11778 Aug 19 j 09:30	25° \mathbb{H} 02'01	19°50'44	retrograde	-11777 Aug 10 j 16:42	13° \mathbb{H} 18'54	
retrograde	-11778 Aug 26 j 20:11	29° \mathbb{H} 20'08		evening set	-11777 Aug 14 j 16:25	11° \mathbb{H} 48'40	
evening set	-11778 Aug 30 j 08:17	28° \mathbb{H} 08'55		inferior conj	-11777 Aug 20 j 00:51	5° \mathbb{H} 41'57	-0°01'18
asc. node	-11778 Sep 02 j 05:33	25° \mathbb{H} 29'15		minimum elong	-11777 Aug 20 j 00:52	5° \mathbb{H} 41'54	0°00'42
inferior conj	-11778 Sep 04 j 21:24	22° \mathbb{H} 10'21	0°50'13	transit middle	-11777 Aug 20 j 00:52	5° \mathbb{H} 41'54	0°00'42
minimum elong	-11778 Sep 04 j 20:15	22° \mathbb{H} 14'07	0°50'26	transit begin	-11777 Aug 19 j 22:09	5° \mathbb{H} 51'10	
min. Earth dist.	-11778 Sep 05 j 22:09	20° \mathbb{H} 49'18	0.66274 AU	transit end	-11777 Aug 20 j 03:36	5° \mathbb{H} 32'38	
morning rise	-11778 Sep 10 j 07:56	15° \mathbb{H} 51'14		asc. node	-11777 Aug 20 j 02:30	5° \mathbb{H} 36'20	
direct	-11778 Sep 16 j 03:20	13° \mathbb{H} 22'40		min. Earth dist.	-11777 Aug 20 j 14:41	4° \mathbb{H} 54'54	0.66883 AU
morning max el	-11778 Sep 28 j 03:33	20° \mathbb{H} 28'38	25°25'27		-11777 Aug 24 j 16:12	30° \mathbb{R}	
	-11778 Oct 06 j 09:44	0° \mathbb{S}		morning rise	-11777 Aug 25 j 09:10	29° \mathbb{S} 21'10	
desc. node	-11778 Oct 19 j 22:00	19° \mathbb{S} 06'44		direct	-11777 Aug 30 j 14:11	27° \mathbb{S} 09'19	
	-11778 Oct 26 j 17:37	0° Ω					

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	-11777 Sep 06 j 09:18	0° Π		min. Earth dist.	-11776 Aug 03 j 09:54	19° $\text{8}^{\circ}05'47''$	0.67197 AU
morning max el	-11777 Sep 10 j 13:18	3° $\text{II}^{\circ}43'26''$	24°05'30	asc. node	-11776 Aug 05 j 23:25	15° $\text{8}^{\circ}41'46''$	
	-11777 Sep 30 j 16:35	0° 6°		morning rise	-11776 Aug 08 j 14:21	12° $\text{8}^{\circ}58'20''$	
desc. node	-11777 Oct 06 j 18:54	9° $\text{6}^{\circ}20'08''$		direct	-11776 Aug 13 j 05:33	11° $\text{8}^{\circ}04'57''$	
morning set	-11777 Oct 15 j 21:57	24° $\text{6}^{\circ}18'04''$		morning max el	-11776 Aug 23 j 01:06	16° $\text{8}^{\circ}59'13''$	22°41'26
	-11777 Oct 19 j 04:44	0° Ω			-11776 Sep 02 j 15:43	0° II°	
max. Earth dist.	-11777 Oct 20 j 01:22	1° $\Omega^{\circ}31'22''$	1.38720 AU	desc. node	-11776 Sep 22 j 15:50	29° $\text{II}^{\circ}46'32''$	
					-11776 Sep 22 j 19:13	0° 6°	
superior conj	-11777 Oct 27 j 04:18	14° $\Omega^{\circ}36'52''$	-1°36'25	morning set	-11776 Sep 25 j 13:28	4° $\text{6}^{\circ}26'58''$	
minimum elong	-11777 Oct 27 j 02:57	14° $\Omega^{\circ}30'27''$	1°35'53	max. Earth dist.	-11776 Oct 01 j 01:22	13° $\text{6}^{\circ}34'46''$	1.40694 AU
	-11777 Nov 04 j 02:34	0° II°					
evening rise	-11777 Nov 04 j 23:18	1° $\text{II}^{\circ}41'38''$		superior conj	-11776 Oct 08 j 16:11	26° $\text{6}^{\circ}53'52''$	-1°24'48
asc. node	-11777 Nov 16 j 01:20	21° $\text{II}^{\circ}35'57''$		minimum elong	-11776 Oct 08 j 12:56	26° $\text{6}^{\circ}39'11''$	1°23'56
evening max el	-11777 Nov 21 j 12:30	28° $\text{II}^{\circ}21'59''$	18°51'53		-11776 Oct 10 j 09:16	0° Ω	
	-11777 Nov 23 j 10:26	0° Ω		evening rise	-11776 Oct 18 j 13:26	15° $\Omega^{\circ}14'05''$	
retrograde	-11777 Nov 29 j 20:05	2° $\Omega^{\circ}22'39''$			-11776 Oct 26 j 15:58	0° II°	
evening set	-11777 Dec 02 j 07:58	2° $\Omega^{\circ}02'27''$		asc. node	-11776 Nov 01 j 22:37	9° $\text{II}^{\circ}12'32''$	
	-11777 Dec 06 j 19:08	30° $\text{R}^{\circ}\text{II}^{\circ}$		evening max el	-11776 Nov 03 j 17:39	11° $\text{II}^{\circ}09'18''$	18°19'38
inferior conj	-11777 Dec 10 j 05:00	27° $\text{II}^{\circ}39'35''$	4°15'52	retrograde	-11776 Nov 11 j 02:48	14° $\text{II}^{\circ}50'41''$	
minimum elong	-11777 Dec 10 j 05:53	27° $\text{II}^{\circ}37'58''$	4°15'54	evening set	-11776 Nov 13 j 14:16	14° $\text{II}^{\circ}26'47''$	
min. Earth dist.	-11777 Dec 13 j 07:27	25° $\text{II}^{\circ}24'50''$	0.58029 AU	inferior conj	-11776 Nov 20 j 22:35	9° $\text{II}^{\circ}42'40''$	4°10'14
morning rise	-11777 Dec 18 j 01:52	22° $\text{II}^{\circ}36'03''$		minimum elong	-11776 Nov 20 j 20:22	9° $\text{II}^{\circ}47'21''$	4°10'17
direct	-11777 Dec 23 j 20:13	21° $\text{II}^{\circ}16'26''$		min. Earth dist.	-11776 Nov 24 j 02:47	7° $\text{II}^{\circ}03'16''$	0.59836 AU
desc. node	-11776 Jan 02 j 20:19	25° $\text{II}^{\circ}04'09''$		morning rise	-11776 Nov 28 j 00:51	4° $\text{II}^{\circ}18'07''$	
morning max el	-11776 Jan 06 j 21:14	28° $\text{II}^{\circ}28'28''$	25°42'29	direct	-11776 Dec 04 j 16:32	2° $\text{II}^{\circ}21'18''$	
	-11776 Jan 08 j 09:59	0° Ω		morning max el	-11776 Dec 18 j 17:12	9° $\text{II}^{\circ}43'07''$	26°51'26
	-11776 Jan 28 j 14:09	0° II°		desc. node	-11776 Dec 19 j 16:59	10° $\text{II}^{\circ}41'36''$	
morning set	-11776 Feb 03 j 15:04	12° $\text{II}^{\circ}06'30''$			-11775 Jan 03 j 09:16	0° Ω	
				morning set	-11775 Jan 18 j 01:21	27° $\Omega^{\circ}05'13''$	
superior conj	-11776 Feb 10 j 14:14	27° $\text{II}^{\circ}07'11''$	-0°13'00		-11775 Jan 19 j 10:40	0° II°	
minimum elong	-11776 Feb 10 j 14:47	27° $\text{II}^{\circ}10'12''$	0°13'25				
behind sun begin	-11776 Feb 10 j 12:09	26° $\text{II}^{\circ}55'49''$		superior conj	-11775 Jan 25 j 02:04	12° $\text{II}^{\circ}11'19''$	-0°35'04
behind sun end	-11776 Feb 10 j 17:26	27° $\text{II}^{\circ}24'35''$		minimum elong	-11775 Jan 25 j 03:25	12° $\text{II}^{\circ}18'43''$	0°35'14
max. Earth dist.	-11776 Feb 11 j 08:07	28° $\text{II}^{\circ}44'29''$	1.32942 AU	max. Earth dist.	-11775 Jan 24 j 21:37	11° $\text{II}^{\circ}47'00''$	1.32779 AU
asc. node	-11776 Feb 11 j 22:58	0° $\text{X}^{\circ}05'09''$		asc. node	-11775 Jan 28 j 20:11	20° $\text{II}^{\circ}21'47''$	
	-11776 Feb 11 j 22:01	0° X°		evening rise	-11775 Feb 01 j 03:34	27° $\text{II}^{\circ}23'28''$	
evening rise	-11776 Feb 17 j 19:25	12° $\text{X}^{\circ}30'26''$			-11775 Feb 02 j 09:50	0° X°	
	-11776 Feb 26 j 22:13	0° 3°			-11775 Feb 19 j 15:24	0° 3°	
	-11776 Mar 19 j 07:31	0° \approx		evening max el	-11775 Mar 01 j 19:15	12° $\text{3}^{\circ}07'07''$	26°09'11
evening max el	-11776 Mar 19 j 19:16	0° \approx 28'39	27°03'41	retrograde	-11775 Mar 15 j 22:07	19° $\text{3}^{\circ}26'15''$	
desc. node	-11776 Mar 30 j 20:50	7° \approx 33'53		desc. node	-11775 Mar 17 j 17:55	19° $\text{3}^{\circ}17'54''$	
retrograde	-11776 Apr 02 j 20:31	7° \approx 57'15		evening set	-11775 Mar 21 j 17:04	18° $\text{3}^{\circ}02'58''$	
evening set	-11776 Apr 09 j 09:57	5° \approx 59'12		min. Earth dist.	-11775 Mar 26 j 08:32	15° $\text{3}^{\circ}11'18''$	0.58813 AU
min. Earth dist.	-11776 Apr 13 j 08:12	3° \approx 07'16	0.60796 AU	inferior conj	-11775 Mar 29 j 15:45	12° $\text{3}^{\circ}40'38''$	-2°38'17
inferior conj	-11776 Apr 16 j 14:35	0° \approx 15'19	-3°15'16	minimum elong	-11775 Mar 29 j 12:19	12° $\text{3}^{\circ}47'14''$	2°38'15
minimum elong	-11776 Apr 16 j 12:38	0° \approx 19'38	3°15'40	morning rise	-11775 Apr 06 j 10:38	8° $\text{3}^{\circ}10'17''$	
	-11776 Apr 16 j 21:31	30° $\text{R}^{\circ}\text{3}^{\circ}$		direct	-11775 Apr 08 j 19:09	7° $\text{3}^{\circ}51'06''$	
morning rise	-11776 Apr 23 j 17:27	25° $\text{3}^{\circ}24'51''$		morning max el	-11775 Apr 16 j 15:21	11° $\text{3}^{\circ}36'47''$	18°32'19
direct	-11776 Apr 26 j 06:20	24° $\text{3}^{\circ}58'21''$		asc. node	-11775 Apr 26 j 19:18	26° $\text{3}^{\circ}06'05''$	
morning max el	-11776 May 03 j 06:00	28° $\text{3}^{\circ}25'23''$	18°07'49		-11775 Apr 28 j 22:46	0° \approx	
	-11776 May 04 j 17:56	0° \approx		morning set	-11775 May 02 j 20:01	7° \approx 21'00	
asc. node	-11776 May 09 j 22:27	7° \approx 10'58					
morning set	-11776 May 19 j 10:14	23° \approx 55'05		superior conj	-11775 May 12 j 02:59	24° \approx 59'54	1°43'01
	-11776 May 22 j 17:30	0° X°		minimum elong	-11775 May 12 j 00:38	24° \approx 49'01	1°42'30
					-11775 May 14 j 20:29	0° X°	
superior conj	-11776 May 29 j 20:48	12° $\text{X}^{\circ}51'44''$	1°49'17	max. Earth dist.	-11775 May 19 j 06:44	7° $\text{X}^{\circ}52'26''$	1.39774 AU
minimum elong	-11776 May 29 j 20:36	12° $\text{X}^{\circ}50'50''$	1°49'04	evening rise	-11775 May 23 j 18:45	15° $\text{X}^{\circ}34'28''$	
max. Earth dist.	-11776 Jun 06 j 05:16	25° $\text{X}^{\circ}29'26''$	1.41605 AU		-11775 Jun 01 j 16:52	0° Y°	
	-11776 Jun 08 j 22:33	0° Y°		desc. node	-11775 Jun 13 j 15:32	17° $\text{Y}^{\circ}42'00''$	
evening rise	-11776 Jun 12 j 09:38	5° $\text{Y}^{\circ}37'20''$			-11775 Jun 23 j 00:59	0° 8°	
desc. node	-11776 Jun 26 j 18:05	27° $\text{Y}^{\circ}40'58''$		evening max el	-11775 Jun 27 j 16:26	5° $\text{8}^{\circ}08'49''$	23°33'12
	-11776 Jun 28 j 08:09	0° 8°		retrograde	-11775 Jul 08 j 04:13	11° $\text{8}^{\circ}22'39''$	
evening max el	-11776 Jul 15 j 04:10	21° $\text{8}^{\circ}49'21''$	22°11'18	evening set	-11775 Jul 13 j 07:44	9° $\text{8}^{\circ}10'22''$	
retrograde	-11776 Jul 24 j 11:47	27° $\text{8}^{\circ}20'40''$		min. Earth dist.	-11775 Jul 18 j 05:28	3° $\text{8}^{\circ}20'44''$	0.67207 AU
evening set	-11776 Jul 29 j 00:51	25° $\text{8}^{\circ}29'25''$		inferior conj	-11775 Jul 18 j 12:56	2° $\text{8}^{\circ}55'04''$	-1°35'31
inferior conj	-11776 Aug 03 j 06:37	19° $\text{8}^{\circ}17'08''$	-0°50'21	minimum elong	-11775 Jul 18 j 14:44	2° $\text{8}^{\circ}48'52''$	1°34'34
minimum elong	-11776 Aug 03 j 07:38	19° $\text{8}^{\circ}13'35''$	0°49'29		-11775 Jul 20 j 17:25	30° $\text{R}^{\circ}\text{Y}^{\circ}$	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

morning rise	-11775 Jul 23 j 21:41	26° Υ 41'44		morning rise	-11774 Jul 08 j 05:27	10° Υ 29'00	
asc. node	-11775 Jul 23 j 20:16	26° Υ 44'31		asc. node	-11774 Jul 10 j 17:04	9° Υ 18'24	
direct	-11775 Jul 28 j 00:34	25° Υ 06'24		direct	-11774 Jul 11 j 21:57	9° Υ 10'10	
	-11775 Aug 05 j 10:12	0° \mathcal{B}		morning max el	-11774 Jul 19 j 15:57	13° Υ 43'05	20°10'12
morning max el	-11775 Aug 05 j 17:27	0° \mathcal{B} 18'28	21°21'02		-11774 Jul 31 j 22:58	0° \mathcal{B}	
	-11775 Aug 27 j 11:05	0° Π		morning set	-11774 Aug 15 j 07:21	21° \mathcal{B} 55'09	
morning set	-11775 Sep 05 j 04:27	13° Π 27'14			-11774 Aug 20 j 11:22	0° Π	
desc. node	-11775 Sep 09 j 12:52	20° Π 21'39		max. Earth dist.	-11774 Aug 26 j 17:23	9° Π 54'45	1.43794 AU
max. Earth dist.	-11775 Sep 13 j 06:21	26° Π 24'14	1.42465 AU	desc. node	-11774 Aug 27 j 10:00	11° Π 01'22	
	-11775 Sep 15 j 10:44	0° \mathcal{E}					
				superior conj	-11774 Aug 31 j 15:02	17° Π 49'46	-0°25'07
superior conj	-11775 Sep 20 j 05:17	8° \mathcal{E} 01'51	-1°01'14	minimum elong	-11774 Aug 31 j 12:30	17° Π 39'25	0°24'10
minimum elong	-11775 Sep 20 j 01:00	7° \mathcal{E} 43'35	1°00'06		-11774 Sep 07 j 23:28	0° \mathcal{E}	
evening rise	-11775 Oct 01 j 14:57	28° \mathcal{E} 07'34		evening rise	-11774 Sep 13 j 22:55	10° \mathcal{E} 09'35	
	-11775 Oct 02 j 15:55	0° Ω			-11774 Sep 25 j 20:45	0° Ω	
evening max el	-11775 Oct 18 j 04:29	24° Ω 17'25	18°07'18	evening max el	-11774 Oct 01 j 17:58	7° Ω 38'25	18°13'53
asc. node	-11775 Oct 19 j 19:52	25° Ω 45'39		asc. node	-11774 Oct 06 j 17:05	10° Ω 58'22	
retrograde	-11775 Oct 25 j 00:20	27° Ω 50'25		retrograde	-11774 Oct 08 j 08:38	11° Ω 12'29	
evening set	-11775 Oct 27 j 13:16	27° Ω 21'03		evening set	-11774 Oct 11 j 01:12	10° Ω 35'15	
inferior conj	-11775 Nov 03 j 09:39	22° Ω 16'02	3°42'09	inferior conj	-11774 Oct 17 j 10:46	5° Ω 11'20	3°00'40
minimum elong	-11775 Nov 03 j 05:59	22° Ω 24'49	3°41'53	minimum elong	-11774 Oct 17 j 07:04	5° Ω 21'18	3°00'13
min. Earth dist.	-11775 Nov 06 j 06:14	19° Ω 32'05	0.61668 AU	min. Earth dist.	-11774 Oct 19 j 19:19	2° Ω 39'38	0.63331 AU
morning rise	-11775 Nov 09 j 21:29	16° Ω 33'50			-11774 Oct 22 j 13:41	30° \mathcal{R} \mathcal{E}	
direct	-11775 Nov 16 j 22:27	14° Ω 07'56		morning rise	-11774 Oct 23 j 12:04	29° \mathcal{E} 14'30	
morning max el	-11775 Nov 30 j 19:32	21° Ω 36'39	27°28'46	direct	-11774 Oct 30 j 12:06	26° \mathcal{E} 33'08	
desc. node	-11775 Dec 06 j 13:39	27° Ω 53'08			-11774 Nov 08 j 07:35	0° Ω	
	-11775 Dec 08 j 06:37	0° \mathcal{M}		morning max el	-11774 Nov 13 j 02:45	4° Ω 05'23	27°31'26
	-11775 Dec 27 j 06:58	0° \mathcal{A}		desc. node	-11774 Nov 23 j 10:18	16° Ω 11'14	
morning set	-11774 Jan 02 j 07:40	11° \mathcal{A} 50'02			-11774 Dec 02 j 18:37	0° \mathcal{M}	
max. Earth dist.	-11774 Jan 08 j 09:29	24° \mathcal{A} 40'55	1.32955 AU	morning set	-11774 Dec 17 j 07:35	26° \mathcal{M} 11'57	
					-11774 Dec 19 j 04:43	0° \mathcal{A}	
superior conj	-11774 Jan 09 j 13:27	27° \mathcal{A} 12'38	-0°55'15	max. Earth dist.	-11774 Dec 22 j 16:01	7° \mathcal{A} 13'25	1.33500 AU
minimum elong	-11774 Jan 09 j 15:20	27° \mathcal{A} 22'56	0°55'13				
	-11774 Jan 10 j 20:13	0° \mathcal{M}		superior conj	-11774 Dec 24 j 22:37	12° \mathcal{A} 04'17	-1°12'47
asc. node	-11774 Jan 15 j 17:28	10° \mathcal{M} 32'32		minimum elong	-11774 Dec 25 j 00:43	12° \mathcal{A} 15'32	1°12'38
evening rise	-11774 Jan 16 j 14:09	12° \mathcal{M} 21'35		evening rise	-11773 Jan 01 j 01:24	27° \mathcal{A} 18'06	
	-11774 Jan 25 j 15:49	0° \mathcal{A}			-11773 Jan 02 j 08:31	0° \mathcal{M}	
evening max el	-11774 Feb 11 j 14:17	23° \mathcal{A} 13'42	24°49'52	asc. node	-11773 Jan 02 j 14:50	0° \mathcal{M} 32'30	
	-11774 Feb 23 j 02:21	0° \mathcal{B}			-11773 Jan 20 j 10:51	0° \mathcal{A}	
retrograde	-11774 Feb 25 j 12:46	0° \mathcal{B} 13'46		evening max el	-11773 Jan 24 j 07:41	4° \mathcal{A} 05'47	23°17'24
	-11774 Feb 27 j 23:13	30° \mathcal{R} \mathcal{A}		retrograde	-11773 Feb 06 j 14:28	10° \mathcal{A} 33'07	
evening set	-11774 Mar 02 j 06:11	29° \mathcal{A} 22'39		evening set	-11773 Feb 10 j 07:07	10° \mathcal{A} 03'19	
desc. node	-11774 Mar 04 j 14:56	28° \mathcal{A} 21'39		min. Earth dist.	-11773 Feb 17 j 20:10	6° \mathcal{A} 34'54	0.55858 AU
min. Earth dist.	-11774 Mar 08 j 03:52	26° \mathcal{A} 18'07	0.57062 AU	inferior conj	-11773 Feb 19 j 08:31	5° \mathcal{A} 40'59	0°02'08
inferior conj	-11774 Mar 10 j 21:33	24° \mathcal{A} 29'27	-1°31'51	minimum elong	-11773 Feb 19 j 08:35	5° \mathcal{A} 40'53	0°01'31
minimum elong	-11774 Mar 10 j 18:25	24° \mathcal{A} 34'39	1°31'39	transit middle	-11773 Feb 19 j 08:35	5° \mathcal{A} 40'53	0°01'31
morning rise	-11774 Mar 19 j 09:54	20° \mathcal{A} 16'12		transit begin	-11773 Feb 19 j 04:34	5° \mathcal{A} 46'52	
direct	-11774 Mar 21 j 14:33	20° \mathcal{A} 02'17		transit end	-11773 Feb 19 j 12:36	5° \mathcal{A} 34'55	
morning max el	-11774 Mar 30 j 17:58	24° \mathcal{A} 21'48	19°16'25	desc. node	-11773 Feb 19 j 11:52	5° \mathcal{A} 36'02	
	-11774 Apr 04 j 13:08	0° \mathcal{B}		morning rise	-11773 Feb 28 j 12:02	1° \mathcal{A} 37'15	
asc. node	-11774 Apr 13 j 16:12	15° \mathcal{B} 29'52		direct	-11773 Mar 02 j 17:00	1° \mathcal{A} 25'11	
morning set	-11774 Apr 16 j 16:30	21° \mathcal{B} 22'57		morning max el	-11773 Mar 13 j 10:57	6° \mathcal{A} 31'11	20°20'12
	-11774 Apr 21 j 00:32	0° \approx			-11773 Mar 28 j 21:55	0° \mathcal{B}	
				morning set	-11773 Mar 31 j 20:32	5° \mathcal{B} 52'38	
superior conj	-11774 Apr 25 j 03:08	8° \approx 04'27	1°28'43	asc. node	-11773 Mar 31 j 13:11	5° \mathcal{B} 15'28	
minimum elong	-11774 Apr 25 j 00:06	7° \approx 49'41	1°27'51				
max. Earth dist.	-11774 May 01 j 06:50	19° \approx 41'48	1.37915 AU	superior conj	-11773 Apr 08 j 16:29	21° \mathcal{B} 52'16	1°09'24
evening rise	-11774 May 05 j 07:06	26° \approx 54'24		minimum elong	-11773 Apr 08 j 13:42	21° \mathcal{B} 38'15	1°08'22
	-11774 May 07 j 01:39	0° \mathcal{H}			-11773 Apr 12 j 18:50	0° \approx	
	-11774 May 26 j 04:12	0° Υ		max. Earth dist.	-11773 Apr 13 j 12:20	1° \approx 24'49	1.36241 AU
desc. node	-11774 May 31 j 13:01	7° Υ 18'26		evening rise	-11773 Apr 17 j 18:05	9° \approx 25'10	
evening max el	-11774 Jun 10 j 02:15	18° Υ 29'40	24°54'00		-11773 Apr 29 j 17:18	0° \mathcal{H}	
retrograde	-11774 Jun 21 j 16:55	25° Υ 20'08		desc. node	-11773 May 18 j 10:28	26° \mathcal{H} 20'09	
evening set	-11774 Jun 27 j 11:04	22° Υ 49'25			-11773 May 21 j 16:36	0° Υ	
min. Earth dist.	-11774 Jul 01 j 22:58	17° Υ 37'10	0.66894 AU	evening max el	-11773 May 23 j 12:18	1° Υ 52'26	26°05'02
inferior conj	-11774 Jul 02 j 18:01	16° Υ 33'29	-2°15'28	retrograde	-11773 Jun 05 j 01:03	9° Υ 08'20	
minimum elong	-11774 Jul 02 j 20:16	16° Υ 25'56	2°14'39	evening set	-11773 Jun 11 j 08:43	6° Υ 24'55	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

min. Earth dist.	-11773 Jun 15 j 12:02	1° Υ 52'00	0.66225 AU	inferior conj	-11772 May 30 j 16:37	13° Υ 42'39	-3°13'23
inferior conj	-11773 Jun 16 j 19:58	0° Υ 10'37	-2°48'42	minimum elong	-11772 May 30 j 18:28	13° Υ 37'11	3°13'21
minimum elong	-11773 Jun 16 j 22:17	0° Υ 03'16	2°48'13	morning rise	-11772 Jun 05 j 15:07	8° Υ 04'59	
	-11773 Jun 16 j 23:19	30° Υ		direct	-11772 Jun 08 j 16:21	7° Υ 13'28	
morning rise	-11773 Jun 22 j 11:55	24° Υ 18'07		asc. node	-11772 Jun 13 j 10:37	9° Υ 11'04	
direct	-11773 Jun 25 j 19:56	23° Υ 13'54		morning max el	-11772 Jun 15 j 06:56	10° Υ 51'04	18°31'48
asc. node	-11773 Jun 27 j 13:50	23° Υ 30'44			-11772 Jun 28 j 15:12	0° Υ	
morning max el	-11773 Jul 02 j 20:51	27° Υ 14'35	19°13'01	morning set	-11772 Jul 05 j 03:23	10° Υ 40'39	
	-11773 Jul 05 j 07:20	0° Υ			-11772 Jul 17 j 01:31	0° Υ	
	-11773 Jul 25 j 06:22	0° Υ					
morning set	-11773 Jul 25 j 18:22	0° Υ 47'25		superior conj	-11772 Jul 20 j 00:04	4° Υ 41'10	1°02'43
max. Earth dist.	-11773 Aug 09 j 09:03	23° Υ 53'05	1.44505 AU	minimum elong	-11772 Jul 20 j 06:27	5° Υ 06'34	1°02'25
				max. Earth dist.	-11772 Jul 22 j 02:04	7° Υ 59'37	1.44505 AU
superior conj	-11773 Aug 11 j 00:03	26° Υ 27'41	0°19'35	desc. node	-11772 Jul 31 j 04:37	22° Υ 22'16	
minimum elong	-11773 Aug 11 j 02:28	26° Υ 37'17	0°19'50		-11772 Aug 05 j 00:52	0° Υ	
	-11773 Aug 13 j 05:29	0° Υ		evening rise	-11772 Aug 05 j 13:25	0° Υ 49'25	
desc. node	-11773 Aug 14 j 07:16	1° Υ 42'44			-11772 Aug 24 j 19:35	0° Υ	
evening rise	-11773 Aug 26 j 07:48	21° Υ 07'12		evening max el	-11772 Aug 28 j 17:16	4° Υ 36'43	19°19'47
	-11773 Aug 31 j 18:10	0° Υ		retrograde	-11772 Sep 04 j 19:30	8° Υ 40'00	
evening max el	-11773 Sep 15 j 07:11	21° Υ 06'35	18°38'22	evening set	-11772 Sep 08 j 01:57	7° Υ 38'10	
retrograde	-11773 Sep 22 j 00:05	24° Υ 50'44		asc. node	-11772 Sep 09 j 11:15	6° Υ 35'36	
asc. node	-11773 Sep 23 j 14:13	24° Υ 36'37		inferior conj	-11772 Sep 13 j 18:36	1° Υ 45'13	1°20'20
evening set	-11773 Sep 24 j 22:28	24° Υ 02'47		minimum elong	-11772 Sep 13 j 16:45	1° Υ 51'04	1°20'19
inferior conj	-11773 Sep 30 j 22:43	18° Υ 22'43	2°12'02	min. Earth dist.	-11772 Sep 15 j 01:50	0° Υ 06'02	0.65790 AU
minimum elong	-11773 Sep 30 j 19:46	18° Υ 31'26	2°11'42		-11772 Sep 15 j 03:46	30° Υ	
min. Earth dist.	-11773 Oct 02 j 18:15	16° Υ 14'18	0.64718 AU	morning rise	-11772 Sep 19 j 07:12	25° Υ 28'50	
morning rise	-11773 Oct 06 j 16:31	12° Υ 14'22		direct	-11772 Sep 25 j 10:28	22° Υ 53'01	
direct	-11773 Oct 13 j 08:16	9° Υ 30'46			-11772 Oct 07 j 18:19	0° Υ	
morning max el	-11773 Oct 26 j 12:34	17° Υ 00'41	27°01'53	morning max el	-11772 Oct 07 j 22:57	0° Υ 11'29	26°06'14
	-11773 Nov 06 j 12:11	0° Υ		desc. node	-11772 Oct 27 j 03:46	24° Υ 56'49	
desc. node	-11773 Nov 10 j 06:59	5° Υ 16'59			-11772 Oct 30 j 10:27	0° Υ	
	-11773 Nov 25 j 13:07	0° Υ		morning set	-11772 Nov 12 j 23:06	23° Υ 06'31	
morning set	-11773 Nov 30 j 22:03	10° Υ 01'15			-11772 Nov 16 j 14:39	0° Υ	
max. Earth dist.	-11773 Dec 05 j 13:58	19° Υ 16'40	1.34457 AU	max. Earth dist.	-11772 Nov 17 j 01:25	0° Υ 52'02	1.35838 AU
superior conj	-11773 Dec 09 j 03:37	26° Υ 39'26	-1°26'44	superior conj	-11772 Nov 22 j 01:57	10° Υ 50'33	-1°35'51
minimum elong	-11773 Dec 09 j 05:28	26° Υ 49'09	1°26'30	minimum elong	-11772 Nov 22 j 03:02	10° Υ 55'59	1°35'33
	-11773 Dec 10 j 17:44	0° Υ		evening rise	-11772 Nov 29 j 19:20	26° Υ 43'45	
evening rise	-11773 Dec 16 j 11:43	12° Υ 07'19			-11772 Dec 01 j 09:59	0° Υ	
asc. node	-11773 Dec 20 j 12:12	20° Υ 16'01		asc. node	-11772 Dec 06 j 09:33	9° Υ 36'35	
	-11773 Dec 25 j 19:36	0° Υ		evening max el	-11772 Dec 18 j 09:14	26° Υ 31'52	20°23'34
evening max el	-11772 Jan 06 j 04:24	15° Υ 05'19	21°44'57		-11772 Dec 23 j 03:23	0° Υ	
retrograde	-11772 Jan 18 j 06:18	20° Υ 48'50		retrograde	-11772 Dec 28 j 22:22	1° Υ 29'01	
evening set	-11772 Jan 21 j 06:06	20° Υ 28'48		evening set	-11772 Dec 31 j 13:55	1° Υ 11'37	
inferior conj	-11772 Jan 30 j 07:18	16° Υ 26'18	1°46'56		-11771 Jan 04 j 02:48	30° Υ	
minimum elong	-11772 Jan 30 j 11:39	16° Υ 20'06	1°45'09	inferior conj	-11771 Jan 09 j 06:36	27° Υ 11'27	3°14'20
min. Earth dist.	-11772 Jan 30 j 10:26	16° Υ 21'50	0.55445 AU	minimum elong	-11771 Jan 09 j 12:17	27° Υ 02'55	3°12'49
desc. node	-11772 Feb 06 j 08:41	12° Υ 57'29		min. Earth dist.	-11771 Jan 10 j 23:49	26° Υ 09'49	0.55898 AU
morning rise	-11772 Feb 08 j 17:11	12° Υ 18'52		morning rise	-11771 Jan 18 j 09:02	22° Υ 45'26	
direct	-11772 Feb 11 j 08:53	12° Υ 03'03		direct	-11771 Jan 22 j 01:28	22° Υ 15'33	
morning max el	-11772 Feb 23 j 16:37	17° Υ 59'35	21°42'03	desc. node	-11771 Jan 23 j 05:26	22° Υ 18'38	
	-11772 Mar 04 j 02:45	0° Υ		morning max el	-11771 Feb 04 j 12:24	28° Υ 54'17	23°16'24
morning set	-11772 Mar 15 j 05:26	20° Υ 41'18			-11771 Feb 05 j 15:00	0° Υ	
asc. node	-11772 Mar 17 j 10:16	25° Υ 16'28			-11771 Feb 24 j 22:31	0° Υ	
	-11772 Mar 19 j 16:13	0° Υ		morning set	-11771 Feb 27 j 17:05	5° Υ 41'48	
				asc. node	-11771 Mar 04 j 07:25	15° Υ 27'55	
superior conj	-11772 Mar 22 j 15:07	6° Υ 11'28	0°47'16				
minimum elong	-11772 Mar 22 j 13:08	6° Υ 01'04	0°46'14	superior conj	-11771 Mar 06 j 20:11	20° Υ 53'03	0°23'51
max. Earth dist.	-11772 Mar 26 j 03:15	13° Υ 23'43	1.34872 AU	minimum elong	-11771 Mar 06 j 19:10	20° Υ 47'42	0°23'01
evening rise	-11772 Mar 30 j 21:51	22° Υ 49'08		max. Earth dist.	-11771 Mar 09 j 03:57	25° Υ 48'21	1.33852 AU
	-11772 Apr 03 j 17:52	0° Υ			-11771 Mar 11 j 04:16	0° Υ	
	-11772 Apr 22 j 09:18	0° Υ		evening rise	-11771 Mar 14 j 13:42	6° Υ 52'03	
desc. node	-11772 May 04 j 07:52	14° Υ 32'14			-11771 Mar 27 j 07:55	0° Υ	
evening max el	-11772 May 04 j 23:06	15° Υ 10'09	26°57'46	evening max el	-11771 Apr 17 j 09:28	28° Υ 12'39	27°24'48
retrograde	-11772 May 18 j 04:06	22° Υ 40'04			-11771 Apr 19 j 07:42	0° Υ	
evening set	-11772 May 24 j 22:09	19° Υ 53'10		desc. node	-11771 Apr 21 j 05:09	1° Υ 34'29	
min. Earth dist.	-11772 May 28 j 18:24	15° Υ 58'43	0.65165 AU	retrograde	-11771 May 01 j 01:37	5° Υ 47'31	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening set	-11771 May 08 j 00:23	3° H 09'27		retrograde	-11770 Apr 13 j 16:42	18° \approx 21'42	
	-11771 May 11 j 11:51	30° R \approx		evening set	-11770 Apr 20 j 12:06	16° \approx 06'00	
min. Earth dist.	-11771 May 11 j 16:29	29° \approx 48'02	0.63708 AU	min. Earth dist.	-11770 Apr 24 j 05:38	13° \approx 07'04	0.61913 AU
inferior conj	-11771 May 14 j 05:21	27° \approx 05'27	-3°26'52	inferior conj	-11770 Apr 27 j 07:06	10° \approx 12'43	-3°25'13
minimum elong	-11771 May 14 j 06:08	27° \approx 03'20	3°27'13	minimum elong	-11770 Apr 27 j 06:15	10° \approx 14'47	3°25'43
morning rise	-11771 May 20 j 12:45	21° \approx 44'52		morning rise	-11770 May 04 j 02:02	5° \approx 10'55	
direct	-11771 May 23 j 08:31	21° \approx 04'19		direct	-11770 May 06 j 17:13	4° \approx 39'47	
morning max el	-11771 May 29 j 20:10	24° \approx 29'06	18°07'59	morning max el	-11770 May 13 j 10:03	8° \approx 02'49	18°02'28
asc. node	-11771 May 31 j 07:26	26° \approx 04'13		asc. node	-11770 May 18 j 04:15	13° \approx 54'51	
	-11771 Jun 03 j 08:07	0° H			-11770 May 27 j 18:31	0° H	
morning set	-11771 Jun 16 j 13:39	21° H 44'03		morning set	-11770 May 29 j 22:10	3° H 51'57	
	-11771 Jun 21 j 09:47	0° Y					
superior conj	-11771 Jun 29 j 13:24	13° Y 34'54	1°33'26	superior conj	-11770 Jun 10 j 04:37	23° H 45'14	1°47'44
minimum elong	-11771 Jun 29 j 18:49	13° Y 57'02	1°33'10	minimum elong	-11770 Jun 10 j 06:21	23° H 52'40	1°47'36
max. Earth dist.	-11771 Jul 04 j 16:44	21° Y 54'19	1.43816 AU	max. Earth dist.	-11770 Jun 13 j 21:08	0° Y	
	-11771 Jul 09 j 18:56	0° B		evening rise	-11770 Jun 17 j 02:37	5° Y 21'08	1.42537 AU
evening rise	-11771 Jul 15 j 19:44	9° B 26'24			-11770 Jun 24 j 20:48	17° Y 49'13	
desc. node	-11771 Jul 18 j 02:00	12° B 56'31		desc. node	-11770 Jul 02 j 17:53	0° B	
	-11771 Jul 29 j 07:22	0° II			-11770 Jul 04 j 23:25	3° B 22'02	
evening max el	-11771 Aug 11 j 21:51	18° II 04'29	20°16'40	evening max el	-11770 Jul 24 j 10:08	0° II	
retrograde	-11771 Aug 19 j 16:17	22° II 36'02		retrograde	-11770 Jul 25 j 19:39	1° II 28'52	21°26'38
evening set	-11771 Aug 23 j 09:01	21° II 17'06		evening set	-11770 Aug 03 j 12:25	6° II 36'41	
asc. node	-11771 Aug 27 j 08:14	17° II 11'32			-11770 Aug 07 j 17:30	4° II 57'55	
inferior conj	-11771 Aug 28 j 19:53	15° II 14'28	0°28'10	inferior conj	-11770 Aug 12 j 03:40	30° R B	
minimum elong	-11771 Aug 28 j 19:15	15° II 16'37	0°28'32	minimum elong	-11770 Aug 13 j 00:34	28° B 48'33	-0°22'28
min. Earth dist.	-11771 Aug 29 j 15:53	14° II 07'41	0.66564 AU	min. Earth dist.	-11770 Aug 13 j 01:02	28° B 46'57	0°21'45
morning rise	-11771 Sep 03 j 05:15	8° II 53'58		asc. node	-11770 Aug 13 j 09:59	28° B 16'13	0.67051 AU
direct	-11771 Sep 08 j 18:24	6° II 32'14		morning rise	-11770 Aug 14 j 05:09	27° B 10'52	
morning max el	-11771 Sep 20 j 08:46	13° II 26'44	24°52'29	morning rise	-11770 Aug 18 j 08:25	22° B 27'54	
	-11771 Oct 03 j 20:18	0° B		direct	-11770 Aug 23 j 07:26	20° B 23'38	
desc. node	-11771 Oct 14 j 00:34	14° B 59'59		morning max el	-11770 Sep 02 j 19:00	26° B 41'59	23°29'39
	-11771 Oct 23 j 05:30	0° Q			-11770 Sep 05 j 19:47	0° II	
morning set	-11771 Oct 26 j 05:39	5° Q 12'40		desc. node	-11770 Sep 27 j 11:39	0° B	
max. Earth dist.	-11771 Oct 30 j 03:20	12° Q 13'30	1.37594 AU	morning set	-11770 Sep 30 j 21:27	5° B 19'39	
				max. Earth dist.	-11770 Oct 07 j 12:25	16° B 06'29	
superior conj	-11771 Nov 05 j 14:23	24° Q 26'58	-1°38'34		-11770 Oct 12 j 01:38	23° B 52'16	1.39567 AU
minimum elong	-11771 Nov 05 j 14:04	24° Q 25'26	1°38'08		-11770 Oct 15 j 12:53	0° Q	
	-11771 Nov 08 j 10:04	0° H		superior conj	-11770 Oct 19 j 12:44	7° Q 17'22	-1°32'50
evening rise	-11771 Nov 13 j 22:10	11° H 00'21		minimum elong	-11770 Oct 19 j 10:33	7° Q 07'16	1°32'10
asc. node	-11771 Nov 23 j 06:53	28° H 25'14		evening rise	-11770 Oct 28 j 17:48	24° Q 50'58	
	-11771 Nov 24 j 06:40	0° B			-11770 Oct 31 j 10:18	0° H	
evening max el	-11771 Dec 01 j 00:19	8° B 32'26	19°19'40	asc. node	-11770 Nov 10 j 04:10	16° H 31'45	
retrograde	-11771 Dec 10 j 01:28	12° B 50'05		evening max el	-11770 Nov 14 j 01:01	21° H 05'02	18°35'42
evening set	-11771 Dec 12 j 13:56	12° B 31'36		retrograde	-11770 Nov 21 j 21:46	24° H 55'35	
inferior conj	-11771 Dec 20 j 18:27	8° B 19'49	4°04'41	evening set	-11770 Nov 24 j 09:20	24° H 33'59	
minimum elong	-11771 Dec 20 j 21:32	8° B 14'39	4°04'19	inferior conj	-11770 Dec 02 j 00:56	20° H 02'35	4°16'52
min. Earth dist.	-11771 Dec 23 j 13:36	6° B 27'29	0.57100 AU	minimum elong	-11770 Dec 02 j 00:19	20° H 03'47	4°17'00
morning rise	-11771 Dec 29 j 02:58	3° B 29'12		min. Earth dist.	-11770 Dec 05 j 05:53	17° H 34'35	0.58785 AU
direct	-11770 Jan 03 j 04:03	2° B 30'34		morning rise	-11770 Dec 09 j 13:28	14° H 49'45	
desc. node	-11770 Jan 10 j 02:09	4° B 20'27		direct	-11770 Dec 15 j 18:36	13° H 13'28	
morning max el	-11770 Jan 17 j 03:14	9° B 35'17	24°52'18	desc. node	-11770 Dec 27 j 22:49	18° H 48'35	
	-11770 Feb 01 j 09:04	0° M		morning max el	-11770 Dec 29 j 19:43	20° H 30'28	26°15'04
morning set	-11770 Feb 12 j 05:36	20° M 46'36			-11769 Jan 07 j 01:14	0° B	
	-11770 Feb 16 j 13:02	0° X			-11769 Jan 24 j 21:09	0° M	
superior conj	-11770 Feb 19 j 05:19	5° X 48'33	0°00'17	morning set	-11769 Jan 27 j 17:11	5° M 49'14	
minimum elong	-11770 Feb 19 j 05:19	5° X 48'37	0°00'18				
behind sun begin	-11770 Feb 19 j 00:15	5° X 21'09		superior conj	-11769 Feb 03 j 16:38	20° M 51'17	-0°22'33
behind sun end	-11770 Feb 19 j 10:23	6° X 16'03		minimum elong	-11769 Feb 03 j 17:33	20° M 56'18	0°22'52
asc. node	-11770 Feb 19 j 04:35	5° X 44'37		max. Earth dist.	-11769 Feb 04 j 00:47	21° M 35'46	1.32833 AU
max. Earth dist.	-11770 Feb 20 j 12:10	8° X 35'20	1.33176 AU	asc. node	-11769 Feb 06 j 01:47	26° M 02'27	
evening rise	-11770 Feb 26 j 13:56	21° X 21'37			-11769 Feb 07 j 21:54	0° X	
	-11770 Mar 02 j 23:04	0° B		evening rise	-11769 Feb 10 j 19:52	6° X 08'32	
	-11770 Mar 21 j 09:59	0° \approx			-11769 Feb 23 j 14:47	0° B	
evening max el	-11770 Mar 30 j 17:26	10° \approx 48'45	27°20'57	evening max el	-11769 Mar 12 j 20:55	22° B 49'46	26°44'13
desc. node	-11770 Apr 08 j 02:21	16° \approx 59'11			-11769 Mar 24 j 13:32	0° \approx	
				desc. node	-11769 Mar 25 j 23:31	0° \approx 12'22	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

retrograde	-11769 Mar 26 j 23:41	0°≈14'59		retrograde	-11768 Mar 07 j 20:28	11°≈25'56	
	-11769 Mar 29 j 08:56	30°≈3'		desc. node	-11768 Mar 11 j 20:36	10°≈347'22	
evening set	-11769 Apr 02 j 06:06	28°≈331'49		evening set	-11768 Mar 13 j 05:12	10°≈317'19	
min. Earth dist.	-11769 Apr 06 j 10:18	25°≈341'27	0.59937 AU	min. Earth dist.	-11768 Mar 18 j 08:09	7°≈21'46	0.58021 AU
inferior conj	-11769 Apr 09 j 18:17	22°≈355'59	-3°02'58	inferior conj	-11768 Mar 21 j 11:30	5°≈307'06	-2°13'54
minimum elong	-11769 Apr 09 j 15:35	23°≈301'37	3°03'12	minimum elong	-11768 Mar 21 j 07:52	5°≈313'38	2°13'42
morning rise	-11769 Apr 17 j 03:37	18°≈313'52		morning rise	-11768 Mar 29 j 13:43	0°≈344'22	
direct	-11769 Apr 19 j 14:35	17°≈350'42		direct	-11768 Mar 31 j 20:36	0°≈327'36	
morning max el	-11769 Apr 26 j 21:49	21°≈324'21	18°15'52	morning max el	-11768 Apr 09 j 04:37	4°≈325'41	18°48'41
	-11769 May 03 j 12:26	0°≈		asc. node	-11768 Apr 20 j 22:00	21°≈338'08	
asc. node	-11769 May 05 j 01:06	2°≈≈29'25			-11768 Apr 25 j 07:34	0°≈	
morning set	-11769 May 13 j 00:04	16°≈≈52'38		morning set	-11768 Apr 25 j 14:54	0°≈≈35'39	
	-11769 May 20 j 00:59	0°≈					
superior conj	-11769 May 22 j 21:52	5°≈13'21	1°47'51	superior conj	-11768 May 04 j 12:23	17°≈≈47'31	1°37'45
minimum elong	-11769 May 22 j 20:33	5°≈07'26	1°47'31	minimum elong	-11768 May 04 j 09:35	17°≈≈34'19	1°37'04
max. Earth dist.	-11769 May 30 j 07:06	18°≈09'27	1.40845 AU	max. Earth dist.	-11768 May 11 j 07:53	0°≈18'20	1.38975 AU
evening rise	-11769 Jun 04 j 14:42	27°≈01'15		evening rise	-11768 May 15 j 11:44	7°≈34'25	
	-11769 Jun 06 j 10:45	0°≈			-11768 May 29 j 10:26	0°≈	
desc. node	-11769 Jun 21 j 20:53	23°≈33'42		desc. node	-11768 Jun 07 j 18:22	13°≈325'26	
	-11769 Jun 26 j 10:17	0°≈		evening max el	-11768 Jun 19 j 21:55	28°≈310'01	24°08'09
evening max el	-11769 Jul 08 j 10:59	14°≈849'51	22°45'50		-11768 Jun 21 j 20:06	0°≈	
retrograde	-11769 Jul 18 j 06:24	20°≈838'57		retrograde	-11768 Jun 30 j 21:13	4°≈839'49	
evening set	-11769 Jul 23 j 01:30	18°≈838'50		evening set	-11768 Jul 06 j 07:08	2°≈819'06	
inferior conj	-11769 Jul 28 j 06:47	12°≈825'13	-1°10'03		-11768 Jul 08 j 12:23	30°≈8'39	
minimum elong	-11769 Jul 28 j 08:10	12°≈820'25	1°09'07	min. Earth dist.	-11768 Jul 11 j 00:31	26°≈345'16	0.67123 AU
min. Earth dist.	-11769 Jul 28 j 05:38	12°≈829'13	0.67244 AU	inferior conj	-11768 Jul 11 j 12:48	26°≈303'28	-1°53'11
asc. node	-11769 Aug 01 j 02:02	7°≈834'45		minimum elong	-11768 Jul 11 j 14:50	25°≈356'31	1°52'15
morning rise	-11769 Aug 02 j 14:45	6°≈808'20		morning rise	-11768 Jul 16 j 22:30	19°≈353'44	
direct	-11769 Aug 07 j 00:38	4°≈822'30		asc. node	-11768 Jul 17 j 22:53	19°≈313'46	
morning max el	-11769 Aug 16 j 08:17	9°≈858'21	22°06'18	direct	-11768 Jul 20 j 20:47	18°≈325'38	
	-11769 Aug 31 j 19:29	0°≈		morning max el	-11768 Jul 29 j 03:10	23°≈319'48	20°49'29
morning set	-11769 Sep 17 j 16:41	25°≈843'17			-11768 Aug 03 j 17:44	0°≈	
desc. node	-11769 Sep 17 j 18:26	25°≈850'16			-11768 Aug 24 j 04:20	0°≈	
	-11769 Sep 20 j 08:21	0°≈		morning set	-11768 Aug 27 j 00:23	4°≈823'56	
max. Earth dist.	-11769 Sep 24 j 03:24	6°≈814'57	1.41497 AU	desc. node	-11768 Sep 03 j 15:31	16°≈827'51	
				max. Earth dist.	-11768 Sep 05 j 11:39	19°≈825'46	1.43105 AU
superior conj	-11769 Oct 01 j 15:40	19°≈807'11	-1°16'21	superior conj	-11768 Sep 11 j 17:29	29°≈841'58	-0°47'21
minimum elong	-11769 Oct 01 j 11:46	18°≈850'01	1°15'22	minimum elong	-11768 Sep 11 j 13:29	29°≈825'18	0°46'13
	-11769 Oct 07 j 17:05	0°≈			-11768 Sep 11 j 21:47	0°≈	
evening rise	-11769 Oct 12 j 03:03	8°≈807'54		evening rise	-11768 Sep 23 j 21:48	20°≈841'37	
	-11769 Oct 24 j 23:02	0°≈			-11768 Sep 29 j 04:57	0°≈	
asc. node	-11769 Oct 28 j 01:25	3°≈843'17		evening max el	-11768 Oct 10 j 21:18	17°≈816'52	18°07'46
evening max el	-11769 Oct 28 j 08:59	4°≈802'25	18°11'59	asc. node	-11768 Oct 13 j 22:39	19°≈844'33	
retrograde	-11769 Nov 04 j 11:10	7°≈838'38		retrograde	-11768 Oct 17 j 13:59	20°≈849'22	
evening set	-11769 Nov 06 j 23:11	7°≈812'29		evening set	-11768 Oct 20 j 04:12	20°≈816'54	
inferior conj	-11769 Nov 14 j 02:17	2°≈819'11	4°00'25	inferior conj	-11768 Oct 26 j 19:47	15°≈803'10	3°25'44
minimum elong	-11769 Nov 13 j 23:15	2°≈825'57	4°00'21	minimum elong	-11768 Oct 26 j 15:58	15°≈812'48	3°25'22
	-11769 Nov 16 j 16:47	30°≈88'00		min. Earth dist.	-11768 Oct 29 j 11:22	12°≈823'00	0.62405 AU
min. Earth dist.	-11769 Nov 17 j 04:03	29°≈835'44	0.60634 AU	morning rise	-11768 Nov 02 j 02:43	9°≈814'19	
morning rise	-11769 Nov 20 j 21:56	26°≈847'06		direct	-11768 Nov 09 j 04:13	6°≈840'31	
direct	-11769 Nov 27 j 19:10	24°≈836'31		morning max el	-11768 Nov 22 j 23:04	14°≈810'47	27°34'14
	-11769 Dec 09 j 12:50	0°≈		desc. node	-11768 Nov 30 j 16:07	22°≈852'36	
morning max el	-11769 Dec 11 j 18:13	2°≈800'40	27°11'32		-11768 Dec 05 j 22:00	0°≈	
desc. node	-11769 Dec 14 j 19:29	5°≈809'49			-11768 Dec 23 j 13:48	0°≈	
	-11768 Jan 01 j 04:51	0°≈		morning set	-11768 Dec 26 j 06:00	5°≈819'47	
morning set	-11768 Jan 12 j 02:04	20°≈843'13		max. Earth dist.	-11767 Jan 01 j 00:29	17°≈824'53	1.33141 AU
	-11768 Jan 16 j 11:09	0°≈					
max. Earth dist.	-11768 Jan 18 j 14:12	4°≈837'15	1.32815 AU	superior conj	-11767 Jan 02 j 15:09	20°≈853'21	-1°03'04
superior conj	-11768 Jan 19 j 04:30	5°≈855'15	-0°43'54	minimum elong	-11767 Jan 02 j 17:11	21°≈804'20	1°02'59
minimum elong	-11768 Jan 19 j 06:07	6°≈804'06	0°43'59		-11767 Jan 06 j 20:07	0°≈	
asc. node	-11768 Jan 23 j 23:03	16°≈817'28		evening rise	-11767 Jan 09 j 16:24	6°≈803'42	
evening rise	-11768 Jan 26 j 05:19	21°≈8105'12		asc. node	-11767 Jan 09 j 20:21	6°≈824'28	
	-11768 Jan 30 j 14:52	0°≈			-11767 Jan 22 j 13:01	0°≈	
	-11768 Feb 18 j 18:27	0°≈		evening max el	-11767 Feb 03 j 12:26	15°≈811'33	24°11'16
evening max el	-11768 Feb 22 j 18:49	4°≈814'21	25°37'57	retrograde	-11767 Feb 17 j 05:33	21°≈859'41	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening set	-11767 Feb 21 j 12:07	21°♊18'55			-11766 Jan 21 j 10:37	0°♊		
desc. node	-11767 Feb 26 j 17:35	18°♊53'58		retrograde	-11766 Jan 29 j 02:50	2°♊14'06		
min. Earth dist.	-11767 Feb 28 j 01:39	18°♊05'52	0.56467 AU	evening set	-11766 Feb 01 j 10:50	1°♊49'44		
inferior conj	-11767 Mar 02 j 08:52	16°♊39'18	-0°54'44		-11766 Feb 06 j 06:10	30°♋♌		
minimum elong	-11767 Mar 02 j 06:46	16°♊42'37	0°54'45	min. Earth dist.	-11766 Feb 09 j 17:05	28°♌06'39	0.55576 AU	
morning rise	-11767 Mar 11 j 04:21	12°♊31'52		inferior conj	-11766 Feb 10 j 13:23	27°♌37'19	0°46'54	
direct	-11767 Mar 13 j 08:26	12°♊19'12		minimum elong	-11766 Feb 10 j 15:22	27°♌34'27	0°45'42	
morning max el	-11767 Mar 23 j 03:29	16°♊56'42	19°41'16	desc. node	-11766 Feb 13 j 14:27	25°♌55'04		
	-11767 Apr 01 j 18:26	0°♋		morning rise	-11766 Feb 19 j 21:07	23°♌33'58		
asc. node	-11767 Apr 07 j 18:58	11°♋12'04		direct	-11766 Feb 22 j 04:41	23°♌21'20		
morning set	-11767 Apr 09 j 14:56	14°♋50'26		morning max el	-11766 Mar 05 j 15:51	28°♌49'16	20°53'03	
	-11767 Apr 17 j 04:06	0°♌			-11766 Mar 06 j 20:17	0°♌		
				morning set	-11766 Mar 24 j 21:16	29°♌28'42		
superior conj	-11767 Apr 17 j 18:42	1°♌12'12	1°21'00		-11766 Mar 25 j 03:22	0°♍		
minimum elong	-11767 Apr 17 j 15:41	0°♌57'19	1°20'02	asc. node	-11766 Mar 25 j 15:58	1°♍04'44		
max. Earth dist.	-11767 Apr 23 j 09:29	12°♌01'23	1.37167 AU					
evening rise	-11767 Apr 27 j 10:21	19°♌26'00		superior conj	-11766 Apr 01 j 12:23	15°♍14'36	1°00'15	
	-11767 May 03 j 12:12	0°♎		minimum elong	-11766 Apr 01 j 09:54	15°♍01'52	0°59'12	
	-11767 May 23 j 11:20	0°♏		max. Earth dist.	-11766 Apr 05 j 18:14	23°♍46'50	1.35613 AU	
desc. node	-11767 May 25 j 15:51	2°♏48'36			-11766 Apr 08 j 23:13	0°♏		
evening max el	-11767 Jun 02 j 07:26	11°♏31'20	25°25'53	evening rise	-11766 Apr 10 j 05:06	2°♏21'12		
retrograde	-11767 Jun 14 j 08:07	18°♏34'27			-11766 Apr 26 j 11:37	0°♐		
evening set	-11767 Jun 20 j 08:22	15°♏57'04		desc. node	-11766 May 12 j 13:17	21°♐31'14		
min. Earth dist.	-11767 Jun 24 j 16:20	11°♏01'44	0.66653 AU	evening max el	-11766 May 15 j 17:38	24°♐52'10	26°30'15	
inferior conj	-11767 Jun 25 j 16:48	9°♏41'31	-2°30'31		-11766 May 21 j 23:04	0°♑		
minimum elong	-11767 Jun 25 j 19:08	9°♏33'51	2°29'49	retrograde	-11766 May 28 j 14:21	2°♑16'18		
morning rise	-11767 Jul 01 j 05:56	3°♑42'03			-11766 Jun 03 j 12:13	30°♑♒		
direct	-11767 Jul 04 j 18:32	2°♑29'52		evening set	-11766 Jun 04 j 02:51	29°♒29'57		
asc. node	-11767 Jul 04 j 19:43	2°♑29'52		min. Earth dist.	-11766 Jun 08 j 02:50	25°♒13'41	0.65813 AU	
morning max el	-11767 Jul 12 j 04:36	6°♑48'05	19°44'07	inferior conj	-11766 Jun 09 j 16:45	23°♒16'41	-3°00'25	
	-11767 Jul 28 j 20:31	0°♓		minimum elong	-11766 Jun 09 j 18:57	23°♒09'55	3°00'07	
morning set	-11767 Aug 06 j 04:27	12°♓56'38		morning rise	-11766 Jun 15 j 11:13	17°♒30'11		
	-11767 Aug 17 j 00:57	0°♔		direct	-11766 Jun 18 j 16:02	16°♒31'47		
max. Earth dist.	-11767 Aug 19 j 01:08	3°♔11'16	1.44173 AU	asc. node	-11766 Jun 21 j 16:30	17°♒20'58		
desc. node	-11767 Aug 21 j 12:43	7°♔09'00		morning max el	-11766 Jun 25 j 11:55	20°♒21'54	18°53'25	
					-11766 Jul 02 j 22:13	0°♕		
superior conj	-11767 Aug 22 j 15:43	8°♔57'21	-0°06'46	morning set	-11766 Jul 16 j 23:38	22°♕11'13		
minimum elong	-11767 Aug 22 j 15:01	8°♔54'31	0°06'03		-11766 Jul 21 j 20:48	0°♖		
behind sun begin	-11767 Aug 22 j 04:47	8°♔13'25						
behind sun end	-11767 Aug 23 j 01:15	9°♔35'40		superior conj	-11766 Aug 01 j 18:12	17°♖17'08	0°38'49	
	-11767 Sep 04 j 11:33	0°♗		minimum elong	-11766 Aug 01 j 22:46	17°♖35'14	0°38'45	
evening rise	-11767 Sep 05 j 20:44	2°♗19'05		max. Earth dist.	-11766 Aug 01 j 17:10	17°♖13'02	1.44582 AU	
	-11767 Sep 23 j 19:07	0°♘		desc. node	-11766 Aug 08 j 10:00	27°♖49'58		
evening max el	-11767 Sep 24 j 11:01	0°♘42'06	18°22'07		-11766 Aug 09 j 18:45	0°♙		
asc. node	-11767 Sep 30 j 19:50	4°♘19'27		evening rise	-11766 Aug 17 j 18:11	12°♙44'43		
retrograde	-11767 Oct 01 j 01:56	4°♘19'48			-11766 Aug 28 j 13:43	0°♚		
evening set	-11767 Oct 03 j 20:34	3°♘38'30		evening max el	-11766 Sep 07 j 23:12	14°♚11'38	18°54'03	
	-11767 Oct 08 j 08:48	30°♘♙		retrograde	-11766 Sep 14 j 19:21	18°♚02'58		
inferior conj	-11767 Oct 10 j 01:59	28°♙07'16	2°40'41	evening set	-11766 Sep 17 j 20:48	17°♙09'41		
minimum elong	-11767 Oct 09 j 22:32	28°♙16'58	2°40'15	asc. node	-11766 Sep 17 j 16:56	17°♙15'07		
min. Earth dist.	-11767 Oct 12 j 04:59	25°♙44'19	0.63953 AU	inferior conj	-11766 Sep 23 j 17:37	11°♙24'00	1°50'21	
morning rise	-11767 Oct 15 j 23:44	22°♙04'49		minimum elong	-11766 Sep 23 j 15:07	11°♙31'40	1°50'07	
direct	-11767 Oct 22 j 20:45	19°♙21'03		min. Earth dist.	-11766 Sep 25 j 07:55	9°♙27'10	0.65211 AU	
morning max el	-11767 Nov 05 j 08:00	26°♙53'59	27°22'31	morning rise	-11766 Sep 29 j 08:56	5°♙11'40		
	-11767 Nov 08 j 07:32	0°♚		direct	-11766 Oct 05 j 19:48	2°♙30'01		
desc. node	-11767 Nov 17 j 12:47	11°♚33'34		morning max el	-11766 Oct 18 j 18:10	9°♙57'07	26°40'52	
	-11767 Nov 29 j 11:07	0°♛			-11766 Nov 03 j 18:25	0°♚		
morning set	-11767 Dec 10 j 02:22	19°♛30'00		desc. node	-11766 Nov 04 j 09:29	0°♚55'13		
max. Earth dist.	-11767 Dec 15 j 03:50	29°♛46'30	1.33856 AU		-11766 Nov 21 j 20:50	0°♛		
	-11767 Dec 15 j 06:26	0°♜		morning set	-11766 Nov 23 j 11:39	3°♛02'20		
				max. Earth dist.	-11766 Nov 27 j 21:03	11°♛35'28	1.34993 AU	
superior conj	-11767 Dec 17 j 22:50	5°♜39'17	-1°19'12					
minimum elong	-11767 Dec 18 j 00:53	5°♜50'13	1°19'01	superior conj	-11766 Dec 02 j 01:19	20°♛05'26	-1°31'17	
evening rise	-11767 Dec 25 j 03:28	20°♜58'07		minimum elong	-11766 Dec 02 j 02:55	20°♛13'41	1°31'01	
asc. node	-11767 Dec 27 j 17:42	26°♜18'19			-11766 Dec 06 j 19:08	0°♞		
	-11767 Dec 29 j 14:22	0°♞		evening rise	-11766 Dec 09 j 12:50	5°♞42'24		
evening max el	-11766 Jan 16 j 06:25	26°♞03'43	22°37'13	asc. node	-11766 Dec 14 j 15:02	15°♞52'53		

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11766 Dec 23 j 02:01	0°♌		asc. node	-11765 Dec 01 j 12:22	5°♑00'55	
evening max el	-11766 Dec 29 j 06:15	7°♌13'40	21°08'29	evening max el	-11765 Dec 11 j 15:26	18°♑54'49	19°54'00
retrograde	-11765 Jan 09 j 17:06	12°♌36'44		retrograde	-11765 Dec 21 j 12:15	23°♑33'18	
evening set	-11765 Jan 12 j 12:18	12°♌18'36		evening set	-11765 Dec 24 j 02:21	23°♑15'37	
inferior conj	-11765 Jan 21 j 10:42	8°♌19'35	2°27'42	inferior conj	-11764 Jan 01 j 14:06	19°♑12'02	3°40'42
minimum elong	-11765 Jan 21 j 16:10	8°♌11'42	2°25'49	minimum elong	-11764 Jan 01 j 19:02	19°♑04'18	3°39'41
min. Earth dist.	-11765 Jan 22 j 07:13	7°♌50'03	0.55536 AU	min. Earth dist.	-11764 Jan 03 j 20:22	17°♑47'34	0.56338 AU
morning rise	-11765 Jan 30 j 19:04	4°♌05'12		morning rise	-11764 Jan 10 j 09:46	14°♑35'57	
desc. node	-11765 Jan 31 j 11:14	3°♌57'16		direct	-11764 Jan 14 j 16:12	13°♑55'24	
direct	-11765 Feb 02 j 19:41	3°♌44'56		desc. node	-11764 Jan 18 j 07:57	14°♑25'58	
morning max el	-11765 Feb 15 j 16:53	10°♌01'51	22°21'06	morning max el	-11764 Jan 28 j 09:32	20°♑46'44	23°57'48
	-11765 Mar 01 j 23:27	0°♌			-11764 Feb 05 j 05:47	0°♌	
morning set	-11765 Mar 09 j 07:34	14°♌23'17		morning set	-11764 Feb 21 j 19:48	29°♌26'35	
asc. node	-11765 Mar 12 j 13:03	21°♌10'47		asc. node	-11764 Feb 22 j 02:10	0°♌	
					-11764 Feb 27 j 10:10	11°♌24'54	
superior conj	-11765 Mar 16 j 14:04	29°♌44'33	0°37'24	superior conj	-11764 Feb 28 j 21:05	14°♌32'52	0°13'49
minimum elong	-11765 Mar 16 j 12:28	29°♌36'11	0°36'27	minimum elong	-11764 Feb 28 j 20:31	14°♌29'49	0°13'05
	-11765 Mar 16 j 17:00	0°♌		behind sun begin	-11764 Feb 28 j 17:37	14°♌14'14	
max. Earth dist.	-11765 Mar 19 j 13:22	5°♌56'12	1.34396 AU	behind sun end	-11764 Feb 28 j 23:25	14°♌45'24	
evening rise	-11765 Mar 24 j 14:33	16°♌03'58		max. Earth dist.	-11764 Mar 01 j 17:52	18°♌32'29	1.33528 AU
	-11765 Apr 01 j 03:01	0°♌		evening rise	-11764 Mar 07 j 10:22	0°♌19'47	
	-11765 Apr 20 j 23:17	0°♌			-11764 Mar 07 j 06:26	0°♌	
evening max el	-11765 Apr 28 j 04:37	8°♌05'43	27°12'55		-11764 Mar 24 j 04:09	0°♌	
desc. node	-11765 Apr 29 j 10:38	9°♌16'58		evening max el	-11764 Apr 09 j 14:27	20°♌59'07	27°27'11
retrograde	-11765 May 11 j 15:11	15°♌38'44		desc. node	-11764 Apr 15 j 07:54	25°♌41'53	
evening set	-11765 May 18 j 11:54	12°♌54'17		retrograde	-11764 Apr 23 j 09:49	28°♌32'54	
min. Earth dist.	-11765 May 22 j 06:00	9°♌14'31	0.64584 AU	evening set	-11764 Apr 30 j 08:18	26°♌03'05	
inferior conj	-11765 May 24 j 10:23	6°♌46'00	-3°20'44	min. Earth dist.	-11764 May 04 j 00:17	22°♌52'41	0.62982 AU
minimum elong	-11765 May 24 j 11:52	6°♌41'48	3°20'53	inferior conj	-11764 May 06 j 18:51	20°♌03'16	-3°28'19
morning rise	-11765 May 30 j 12:20	1°♌15'04		minimum elong	-11764 May 06 j 19:00	20°♌02'53	3°28'47
direct	-11765 Jun 02 j 11:05	0°♌28'23		morning rise	-11764 May 13 j 06:47	14°♌50'17	
asc. node	-11765 Jun 08 j 13:18	3°♌34'24		direct	-11764 May 16 j 00:39	14°♌13'44	
morning max el	-11765 Jun 08 j 23:32	3°♌59'31	18°19'27	morning max el	-11764 May 22 j 13:18	17°♌36'10	18°03'22
	-11765 Jun 26 j 06:35	0°♌		asc. node	-11764 May 25 j 10:06	20°♌53'37	
morning set	-11765 Jun 27 j 19:34	2°♌34'44			-11764 May 31 j 11:31	0°♌	
superior conj	-11765 Jul 11 j 21:26	25°♌40'50	1°17'42	morning set	-11764 Jun 08 j 15:52	14°♌07'03	
minimum elong	-11765 Jul 12 j 04:00	26°♌07'12	1°17'21		-11764 Jun 17 j 20:31	0°♌	
	-11765 Jul 14 j 14:14	0°♌		superior conj	-11764 Jun 20 j 21:01	5°♌04'30	1°41'28
max. Earth dist.	-11765 Jul 15 j 09:19	1°♌15'58	1.44293 AU	minimum elong	-11764 Jun 21 j 00:57	5°♌20'54	1°41'18
desc. node	-11765 Jul 26 j 07:22	18°♌27'50		max. Earth dist.	-11764 Jun 26 j 22:44	15°♌02'32	1.43340 AU
evening rise	-11765 Jul 28 j 12:34	21°♌55'31			-11764 Jul 06 j 09:02	0°♌	
	-11765 Aug 02 j 17:08	0°♌		evening rise	-11764 Jul 06 j 13:47	0°♌18'29	
greatest brilliancy	-11765 Aug 09 j 02:23	9°♌48'44	-0.7m	desc. node	-11764 Jul 12 j 04:46	8°♌58'57	
evening max el	-11765 Aug 22 j 07:15	27°♌41'27	19°42'16		-11764 Jul 26 j 10:31	0°♌	
	-11765 Aug 24 j 21:03	0°♌		evening max el	-11764 Aug 04 j 09:05	11°♌08'00	20°45'04
retrograde	-11765 Aug 29 j 15:28	1°♌55'17		retrograde	-11764 Aug 12 j 12:07	15°♌53'39	
evening set	-11765 Sep 02 j 02:04	0°♌46'32		evening set	-11764 Aug 16 j 10:00	14°♌26'21	
	-11765 Sep 03 j 02:37	30°♌♌		asc. node	-11764 Aug 21 j 10:56	8°♌47'49	
asc. node	-11765 Sep 04 j 13:58	28°♌34'47		inferior conj	-11764 Aug 21 j 19:00	8°♌20'31	0°06'23
inferior conj	-11765 Sep 07 j 16:03	24°♌49'22	0°58'08	minimum elong	-11764 Aug 21 j 18:51	8°♌21'03	0°06'55
minimum elong	-11765 Sep 07 j 14:43	24°♌53'42	0°58'16	transit middle	-11764 Aug 21 j 18:51	8°♌21'03	0°06'55
min. Earth dist.	-11765 Sep 08 j 18:27	23°♌23'36	0.66161 AU	transit begin	-11764 Aug 21 j 16:22	8°♌29'27	
morning rise	-11765 Sep 13 j 03:04	18°♌30'57		transit end	-11764 Aug 21 j 21:19	8°♌12'40	
direct	-11765 Sep 19 j 00:35	16°♌00'19		min. Earth dist.	-11764 Aug 22 j 10:22	7°♌28'27	0.66808 AU
morning max el	-11765 Oct 01 j 04:02	23°♌09'38	25°36'28	morning rise	-11764 Aug 27 j 03:32	1°♌59'47	
	-11765 Oct 07 j 06:53	0°♌			-11764 Aug 30 j 15:42	30°♌♌	
desc. node	-11765 Oct 22 j 06:14	20°♌45'51		direct	-11764 Sep 01 j 10:38	29°♌45'24	
	-11765 Oct 28 j 02:17	0°♌			-11764 Sep 03 j 07:28	0°♌	
morning set	-11765 Nov 06 j 05:27	15°♌43'53		morning max el	-11764 Sep 12 j 13:50	6°♌25'02	24°17'55
max. Earth dist.	-11765 Nov 10 j 03:48	23°♌00'55	1.36550 AU		-11764 Sep 30 j 21:54	0°♌	
	-11765 Nov 13 j 18:44	0°♌		desc. node	-11764 Oct 08 j 03:05	10°♌56'59	
superior conj	-11765 Nov 15 j 19:53	4°♌03'15	-1°37'55	morning set	-11764 Oct 18 j 02:31	27°♌20'46	
minimum elong	-11765 Nov 15 j 20:26	4°♌06'01	1°37'34		-11764 Oct 19 j 15:13	0°♌	
evening rise	-11765 Nov 23 j 18:39	20°♌11'04		max. Earth dist.	-11764 Oct 22 j 03:47	4°♌28'05	1.38421 AU
	-11765 Nov 28 j 18:16	0°♌					

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11764 Oct 29 j 02:57	17°Ω22'10	-1°37'19	morning set	-11763 Sep 28 j 22:02	7°♄41'24	
minimum elong	-11764 Oct 29 j 01:53	17°Ω17'04	1°36'48	max. Earth dist.	-11763 Oct 04 j 03:06	16°♄24'15	1.40402 AU
	-11764 Nov 04 j 14:27	0°♎					
evening rise	-11764 Nov 06 j 18:48	4°♎18'09		superior conj	-11763 Oct 11 j 17:43	29°♄48'10	-1°27'18
asc. node	-11764 Nov 17 j 09:41	23°♎33'32		minimum elong	-11763 Oct 11 j 14:43	29°♄34'35	1°26'29
	-11764 Nov 22 j 07:18	0°♏			-11763 Oct 11 j 20:19	0°♏	
evening max el	-11764 Nov 23 j 10:50	1°♏10'05	18°58'28	evening rise	-11763 Oct 21 j 10:28	17°♏55'34	
retrograde	-11764 Dec 01 j 22:44	5°♏14'54			-11763 Oct 27 j 22:51	0°♎	
evening set	-11764 Dec 04 j 10:41	4°♏55'13		asc. node	-11763 Nov 04 j 07:00	11°♎18'34	
inferior conj	-11764 Dec 12 j 09:39	0°♏35'15	4°14'07	evening max el	-11763 Nov 06 j 14:53	13°♎53'45	18°23'12
minimum elong	-11764 Dec 12 j 11:06	0°♏32'39	4°14'03	retrograde	-11763 Nov 14 j 02:50	17°♎37'15	
	-11764 Dec 13 j 05:19	30°♎♎		evening set	-11763 Nov 16 j 14:14	17°♎14'03	
min. Earth dist.	-11764 Dec 15 j 10:37	28°♎25'52	0.57776 AU	inferior conj	-11763 Nov 24 j 00:25	12°♎33'19	4°12'45
morning rise	-11764 Dec 20 j 09:32	25°♎34'58		minimum elong	-11763 Nov 23 j 22:34	12°♎37'09	4°12'51
direct	-11764 Dec 25 j 23:35	24°♎21'04		min. Earth dist.	-11763 Nov 27 j 05:11	9°♎56'08	0.59559 AU
desc. node	-11763 Jan 04 j 04:38	27°♎34'30		morning rise	-11763 Dec 01 j 05:12	7°♎11'36	
	-11763 Jan 07 j 08:15	0°♏		direct	-11763 Dec 07 j 18:28	5°♎19'51	
morning max el	-11763 Jan 09 j 00:27	1°♏31'26	25°30'02	morning max el	-11763 Dec 21 j 19:29	12°♎40'50	26°42'55
	-11763 Jan 29 j 00:14	0°♎		desc. node	-11763 Dec 22 j 01:17	12°♎54'48	
morning set	-11763 Feb 05 j 08:11	14°♎32'10			-11762 Jan 04 j 13:17	0°♏	
				morning set	-11762 Jan 20 j 18:54	29°♏32'18	
superior conj	-11763 Feb 12 j 07:23	29°♎32'46	-0°09'32		-11762 Jan 21 j 00:12	0°♎	
minimum elong	-11763 Feb 12 j 07:48	29°♎35'02	0°10'00				
behind sun begin	-11763 Feb 12 j 03:53	29°♎13'43		superior conj	-11762 Jan 27 j 19:10	14°♎36'56	-0°31'49
behind sun end	-11763 Feb 12 j 11:43	29°♎56'20		minimum elong	-11762 Jan 27 j 20:25	14°♎43'44	0°32'02
	-11763 Feb 12 j 12:24	0°♏		max. Earth dist.	-11762 Jan 27 j 18:00	14°♎30'33	1.32783 AU
max. Earth dist.	-11763 Feb 13 j 04:39	1°♏28'19	1.32996 AU	asc. node	-11762 Jan 31 j 04:36	22°♎00'08	
asc. node	-11763 Feb 13 j 07:21	1°♏42'57		evening rise	-11762 Feb 03 j 21:02	29°♎50'03	
evening rise	-11763 Feb 19 j 13:22	14°♏58'16			-11762 Feb 03 j 22:57	0°♏	
	-11763 Feb 27 j 07:39	0°♏			-11762 Feb 20 j 16:04	0°♏	
	-11763 Mar 19 j 15:19	0°♏		evening max el	-11762 Mar 04 j 21:33	15°♏05'12	26°19'05
evening max el	-11763 Mar 22 j 20:39	3°♏20'51	27°09'05	retrograde	-11762 Mar 19 j 00:41	22°♏26'24	
desc. node	-11763 Apr 02 j 05:06	10°♏15'15		desc. node	-11762 Mar 20 j 02:13	22°♏23'32	
retrograde	-11763 Apr 05 j 21:26	10°♏50'51		evening set	-11762 Mar 24 j 22:48	20°♏57'58	
evening set	-11763 Apr 12 j 12:47	8°♏47'49		min. Earth dist.	-11762 Mar 29 j 10:54	18°♏07'02	0.59099 AU
min. Earth dist.	-11763 Apr 16 j 09:27	5°♏54'38	0.61092 AU	inferior conj	-11762 Apr 01 j 18:45	15°♏31'45	-2°45'46
inferior conj	-11763 Apr 19 j 14:51	3°♏01'19	-3°18'40	minimum elong	-11762 Apr 01 j 15:28	15°♏38'12	2°45'47
minimum elong	-11763 Apr 19 j 13:11	3°♏05'04	3°19'05	morning rise	-11762 Apr 09 j 11:06	10°♏58'26	
	-11763 Apr 23 j 06:02	30°♎♏		direct	-11762 Apr 11 j 20:11	10°♏38'19	
morning rise	-11763 Apr 26 j 15:35	28°♏08'01		morning max el	-11762 Apr 19 j 12:46	14°♏20'32	18°27'26
direct	-11763 Apr 29 j 05:04	27°♏40'22		asc. node	-11762 Apr 29 j 03:47	27°♏54'32	
	-11763 May 04 j 21:01	0°♏			-11762 Apr 30 j 08:02	0°♏	
morning max el	-11763 May 06 j 02:38	1°♏05'52	18°05'51	morning set	-11762 May 05 j 16:14	9°♏58'29	
asc. node	-11763 May 12 j 06:55	9°♏04'16					
morning set	-11763 May 22 j 08:19	26°♏38'35		superior conj	-11762 May 15 j 02:48	27°♏47'40	1°44'35
	-11763 May 24 j 04:18	0°♏		minimum elong	-11762 May 15 j 00:40	27°♏37'53	1°44'06
					-11762 May 16 j 07:43	0°♏	
superior conj	-11763 Jun 01 j 23:45	15°♏49'07	1°49'18	max. Earth dist.	-11762 May 22 j 08:33	10°♏43'46	1.40052 AU
minimum elong	-11763 Jun 02 j 00:01	15°♏50'15	1°49'06	evening rise	-11762 May 27 j 00:46	18°♏40'23	
max. Earth dist.	-11763 Jun 09 j 06:33	28°♏14'48	1.41856 AU		-11762 Jun 03 j 00:36	0°♏	
	-11763 Jun 10 j 07:55	0°♏		desc. node	-11762 Jun 15 j 23:44	19°♏23'41	
evening rise	-11763 Jun 15 j 19:43	8°♏55'08			-11762 Jun 23 j 21:14	0°♏	
desc. node	-11763 Jun 29 j 02:14	29°♏19'17		evening max el	-11762 Jun 30 j 16:51	7°♏50'01	23°20'54
	-11763 Jun 29 j 13:16	0°♏		retrograde	-11762 Jul 11 j 00:30	13°♏57'42	
evening max el	-11763 Jul 18 j 03:51	24°♏30'00	21°59'31	evening set	-11762 Jul 16 j 01:45	11°♏48'38	
retrograde	-11763 Jul 27 j 07:34	29°♏55'22		inferior conj	-11762 Jul 21 j 06:55	5°♏33'38	-1°29'00
evening set	-11763 Jul 31 j 18:31	28°♏07'21		minimum elong	-11762 Jul 21 j 08:37	5°♏27'46	1°28'02
inferior conj	-11763 Aug 06 j 00:33	21°♏55'39	-0°43'11	min. Earth dist.	-11762 Jul 21 j 01:07	5°♏53'36	0.67225 AU
minimum elong	-11763 Aug 06 j 01:26	21°♏52'35	0°42'19		-11762 Jul 25 j 20:23	30°♎♏	
min. Earth dist.	-11763 Aug 06 j 05:24	21°♏38'52	0.67164 AU	asc. node	-11762 Jul 26 j 04:43	29°♏41'16	
asc. node	-11763 Aug 08 j 07:52	18°♏49'42		morning rise	-11762 Jul 26 j 15:24	29°♏19'11	
morning rise	-11763 Aug 11 j 08:15	15°♏36'12		direct	-11762 Jul 30 j 20:02	27°♏41'08	
direct	-11763 Aug 16 j 01:23	13°♏40'04			-11762 Aug 05 j 09:22	0°♏	
morning max el	-11763 Aug 26 j 01:11	19°♏40'54	22°53'53	morning max el	-11762 Aug 08 j 16:40	2°♏59'28	21°32'29
	-11763 Sep 03 j 16:23	0°♏			-11762 Aug 28 j 17:22	0°♏	
	-11763 Sep 24 j 03:24	0°♏		morning set	-11762 Sep 08 j 16:09	16°♏50'12	
desc. node	-11763 Sep 25 j 00:00	1°♏21'47		desc. node	-11762 Sep 11 j 21:04	21°♏56'02	

max. Earth dist.	-11762 Sep 16 j 07:02	29°11'06"13	1.42228 AU			-11761 Aug 21 j 19:32	0°11'	
	-11762 Sep 16 j 20:06	0°00'		max. Earth dist.	-11761 Aug 29 j 17:23	12°11'32"04	1.43637 AU	
				desc. node	-11761 Aug 29 j 18:13	12°11'35"25		
superior conj	-11762 Sep 23 j 10:36	11°00'07"28	-1°05'38					
minimum elong	-11762 Sep 23 j 06:20	10°00'49"09	1°04'32	superior conj	-11761 Sep 04 j 00:32	21°11'07"37	-0°31'18	
	-11762 Oct 04 j 01:57	0°00'		minimum elong	-11761 Sep 03 j 21:29	20°11'55"08	0°30'16	
evening rise	-11762 Oct 04 j 14:09	0°00'55"19			-11761 Sep 09 j 08:50	0°00'		
evening max el	-11762 Oct 21 j 01:05	26°00'59"12	18°07'54	evening rise	-11761 Sep 17 j 01:04	13°00'05"55		
asc. node	-11762 Oct 22 j 04:16	28°00'02"08			-11761 Sep 27 j 00:17	0°00'		
	-11762 Oct 25 j 06:29	0°00'		evening max el	-11761 Oct 04 j 14:23	10°00'18"51	18°11'44	
retrograde	-11762 Oct 27 j 22:17	0°00'32"33		asc. node	-11761 Oct 09 j 01:27	13°00'28"14		
evening set	-11762 Oct 30 j 10:56	0°00'04"05		retrograde	-11761 Oct 11 j 05:16	13°00'52"07		
	-11762 Oct 30 j 15:13	30°00'00"		evening set	-11761 Oct 13 j 21:12	13°00'16"08		
inferior conj	-11762 Nov 06 j 09:01	25°00'02"09	3°47'23	inferior conj	-11761 Oct 20 j 08:16	7°00'54"43	3°07'31	
minimum elong	-11762 Nov 06 j 05:29	25°00'10"30	3°47'10	minimum elong	-11761 Oct 20 j 04:30	8°00'04"42	3°07'05	
min. Earth dist.	-11762 Nov 09 j 07:11	22°00'17"40	0.61407 AU	min. Earth dist.	-11761 Oct 22 j 18:41	5°00'20"32	0.63101 AU	
morning rise	-11762 Nov 12 j 22:45	19°00'22"31		morning rise	-11761 Oct 26 j 10:56	1°00'59"59		
direct	-11762 Nov 19 j 23:12	17°00'00"02			-11761 Oct 29 j 22:47	30°00'00"		
morning max el	-11762 Dec 03 j 20:47	24°00'27"43	27°25'24	direct	-11761 Nov 02 j 11:39	29°00'20"10		
desc. node	-11762 Dec 08 j 21:55	29°00'53"37			-11761 Nov 06 j 04:49	0°00'		
	-11762 Dec 09 j 00:05	0°00'		morning max el	-11761 Nov 16 j 03:23	6°00'51"46	27°33'17	
	-11762 Dec 28 j 17:28	0°00'		desc. node	-11761 Nov 25 j 18:35	18°00'03"17		
morning set	-11761 Jan 05 j 01:57	14°00'19"29			-11761 Dec 04 j 00:30	0°00'		
max. Earth dist.	-11761 Jan 11 j 06:19	27°00'26"18	1.32905 AU	morning set	-11761 Dec 20 j 03:01	28°00'45"45		
					-11761 Dec 20 j 17:46	0°00'		
superior conj	-11761 Jan 12 j 06:44	29°00'39"01	-0°52'21	max. Earth dist.	-11761 Dec 25 j 14:00	10°00'03"29	1.33391 AU	
minimum elong	-11761 Jan 12 j 08:34	29°00'49"01	0°52'21					
	-11761 Jan 12 j 10:36	0°00'		superior conj	-11761 Dec 27 j 16:23	14°00'32"53	-1°10'21	
asc. node	-11761 Jan 18 j 01:53	12°00'12"06		minimum elong	-11761 Dec 27 j 18:29	14°00'44"08	1°10'13	
evening rise	-11761 Jan 19 j 07:22	14°00'47"51		evening rise	-11760 Jan 03 j 18:39	29°00'45"30		
	-11761 Jan 27 j 00:28	0°00'			-11760 Jan 03 j 21:25	0°00'		
evening max el	-11761 Feb 14 j 17:19	26°00'16"18	25°02'53	asc. node	-11760 Jan 04 j 23:13	2°00'14"16		
	-11761 Feb 19 j 06:41	0°00'			-11760 Jan 21 j 02:33	0°00'		
retrograde	-11761 Feb 28 j 17:01	3°00'19"38		evening max el	-11760 Jan 27 j 10:42	7°00'09"32	23°31'30	
evening set	-11761 Mar 05 j 14:22	2°00'24"25		retrograde	-11760 Feb 09 j 20:28	13°00'14"23		
desc. node	-11761 Mar 06 j 23:14	1°00'35"01		evening set	-11760 Feb 13 j 16:35	13°00'10"15		
	-11761 Mar 10 j 07:31	30°00'00"		min. Earth dist.	-11760 Feb 20 j 23:28	9°00'14"62	0.55992 AU	
min. Earth dist.	-11761 Mar 11 j 06:55	29°00'12"31	0.57294 AU	desc. node	-11760 Feb 21 j 20:09	9°00'15"26		
inferior conj	-11761 Mar 14 j 03:34	27°00'26"42	-1°43'54	inferior conj	-11760 Feb 22 j 17:08	8°00'14"35	-0°13'24	
minimum elong	-11761 Mar 14 j 00:13	27°00'32"24	1°43'40	minimum elong	-11760 Feb 22 j 16:34	8°00'14"42	0°13'50	
morning rise	-11761 Mar 22 j 13:18	23°00'11"04		transit middle	-11760 Feb 22 j 16:34	8°00'14"42	0°13'50	
direct	-11761 Mar 24 j 18:26	22°00'15"63		transit begin	-11760 Feb 22 j 14:37	8°00'14"73		
morning max el	-11761 Apr 02 j 16:34	27°00'10"09	19°08'34	transit end	-11760 Feb 22 j 18:30	8°00'14"17		
	-11761 Apr 05 j 07:39	0°00'		morning rise	-11760 Mar 02 j 18:46	4°00'39"32		
asc. node	-11761 Apr 16 j 00:42	17°00'14"44		direct	-11760 Mar 04 j 23:19	4°00'27"26		
morning set	-11761 Apr 19 j 11:23	23°00'55"54		morning max el	-11760 Mar 15 j 11:09	9°00'25"39	20°09'28	
	-11761 Apr 22 j 13:00	0°00'			-11760 Mar 29 j 08:36	0°00'		
				asc. node	-11760 Apr 01 j 21:41	6°00'57"49		
superior conj	-11761 Apr 28 j 00:37	10°00'44"44	1°31'16	morning set	-11760 Apr 02 j 14:29	8°00'22"28		
minimum elong	-11761 Apr 27 j 21:37	10°00'30"13	1°30'27					
max. Earth dist.	-11761 May 04 j 08:40	22°00'37"37	1.38186 AU	superior conj	-11760 Apr 10 j 12:17	24°00'27"15	1°12'33	
evening rise	-11761 May 08 j 09:18	29°00'48"38		minimum elong	-11760 Apr 10 j 09:26	24°00'12"54	1°11'33	
	-11761 May 08 j 11:54	0°00'			-11760 Apr 13 j 07:22	0°00'		
	-11761 May 27 j 08:04	0°00'		max. Earth dist.	-11760 Apr 15 j 13:11	4°00'20"51	1.36476 AU	
desc. node	-11761 Jun 02 j 21:15	9°00'04"26		evening rise	-11760 Apr 19 j 17:18	12°00'10"06		
evening max el	-11761 Jun 13 j 02:55	21°00'10"46	24°42'23		-11760 Apr 30 j 01:07	0°00'		
retrograde	-11761 Jun 24 j 13:43	27°00'56"03		desc. node	-11760 May 19 j 18:41	28°00'12"07		
evening set	-11761 Jun 30 j 05:45	25°00'27"51			-11760 May 21 j 07:18	0°00'		
min. Earth dist.	-11761 Jul 04 j 19:04	20°00'09"54	0.66965 AU	evening max el	-11760 May 25 j 12:50	4°00'33"27	25°55'21	
inferior conj	-11761 Jul 05 j 12:17	19°00'12"02	-2°09'50	retrograde	-11760 Jun 06 j 22:31	11°00'46"04		
minimum elong	-11761 Jul 05 j 14:30	19°00'04"35	2°08'59	evening set	-11760 Jun 13 j 04:23	9°00'03"57		
morning rise	-11761 Jul 10 j 23:13	13°00'06"02		min. Earth dist.	-11760 Jun 17 j 08:52	4°00'25"16	0.66354 AU	
asc. node	-11761 Jul 13 j 01:33	12°00'00"19		inferior conj	-11760 Jun 18 j 14:50	2°00'49"19	-2°44'12	
direct	-11761 Jul 14 j 17:10	1°00'44"47		minimum elong	-11760 Jun 18 j 17:10	2°00'41"50	2°43'40	
morning max el	-11761 Jul 22 j 14:10	16°00'22"56	20°19'57		-11760 Jun 20 j 21:48	30°00'00"		
	-11761 Aug 02 j 02:45	0°00'		morning rise	-11760 Jun 24 j 06:00	26°00'15"00		
morning set	-11761 Aug 18 j 19:37	25°00'19"26		direct	-11760 Jun 27 j 15:11	25°00'14"45		

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

asc. node	-11760 Jun 28 j 22:21	25° X 58'07		asc. node	-11759 Jun 15 j 19:09	11° X 26'22	
	-11760 Jul 04 j 20:42	0° Y		morning max el	-11759 Jun 18 j 03:40	13° X 29'50	18°36'51
morning max el	-11760 Jul 04 j 18:11	29° X 53'29	19°20'31		-11759 Jun 29 j 21:56	0° Y	
	-11760 Jul 25 j 14:01	0° X		morning set	-11759 Jul 08 j 09:32	13° Y 48'04	
morning set	-11760 Jul 28 j 04:13	4° X 04'55			-11759 Jul 18 j 10:07	0° X	
max. Earth dist.	-11760 Aug 11 j 08:44	26° X 28'05	1.44442 AU				
				superior conj	-11759 Jul 23 j 12:25	8° X 06'50	0°56'49
superior conj	-11760 Aug 13 j 12:29	29° X 53'33	0°12'40	minimum elong	-11759 Jul 23 j 18:30	8° X 30'57	0°56'33
minimum elong	-11760 Aug 13 j 14:04	29° X 59'50	0°13'02	max. Earth dist.	-11759 Jul 25 j 01:40	10° X 34'27	1.44548 AU
behind sun begin	-11760 Aug 13 j 07:11	29° X 32'29		desc. node	-11759 Aug 02 j 12:46	23° X 56'45	
behind sun end	-11760 Aug 13 j 20:56	0° II 27'12			-11759 Aug 06 j 08:45	0° II	
	-11760 Aug 13 j 14:06	0° II		evening rise	-11759 Aug 08 j 23:27	4° II 07'53	
desc. node	-11760 Aug 15 j 15:28	3° II 16'42			-11759 Aug 25 j 18:11	0° X	
evening rise	-11760 Aug 28 j 13:42	24° II 14'07		evening max el	-11759 Aug 31 j 14:27	7° X 16'21	19°12'35
	-11760 Sep 01 j 01:44	0° X		retrograde	-11759 Sep 07 j 14:58	11° X 16'26	
evening max el	-11760 Sep 17 j 03:47	23° X 46'19	18°33'38	evening set	-11759 Sep 10 j 20:01	10° X 16'57	
retrograde	-11760 Sep 23 j 19:56	27° X 28'35		asc. node	-11759 Sep 11 j 19:40	9° X 35'22	
asc. node	-11760 Sep 24 j 22:35	27° X 21'44		inferior conj	-11759 Sep 16 j 13:40	4° X 25'44	1°28'17
evening set	-11760 Sep 26 j 17:18	26° X 42'24		minimum elong	-11759 Sep 16 j 11:39	4° X 32'05	1°28'11
inferior conj	-11760 Oct 02 j 18:49	21° X 04'25	2°19'44	min. Earth dist.	-11759 Sep 17 j 22:42	2° X 41'51	0.65648 AU
minimum elong	-11760 Oct 02 j 15:43	21° X 13'28	2°19'20		-11759 Sep 20 j 05:47	30° R II	
min. Earth dist.	-11760 Oct 04 j 16:13	18° X 52'06	0.64527 AU	morning rise	-11759 Sep 22 j 02:54	28° II 10'11	
morning rise	-11760 Oct 08 j 13:32	14° X 57'30		direct	-11759 Sep 28 j 08:09	25° II 32'38	
direct	-11760 Oct 15 j 06:46	12° X 13'38			-11759 Oct 07 j 19:34	0° X	
morning max el	-11760 Oct 28 j 13:05	19° X 44'31	27°08'12	morning max el	-11759 Oct 10 j 23:31	2° X 54'01	26°15'51
	-11760 Nov 06 j 11:12	0° X		desc. node	-11759 Oct 29 j 11:59	26° X 38'22	
desc. node	-11760 Nov 11 j 15:15	7° X 03'02			-11759 Oct 31 j 16:56	0° X	
	-11760 Nov 25 j 23:13	0° X		morning set	-11759 Nov 15 j 22:25	25° X 53'24	
morning set	-11760 Dec 02 j 19:06	12° X 40'50			-11759 Nov 18 j 02:42	0° X	
max. Earth dist.	-11760 Dec 07 j 13:32	22° X 12'15	1.34286 AU	max. Earth dist.	-11759 Nov 20 j 02:26	3° X 50'31	1.35607 AU
superior conj	-11760 Dec 10 j 22:06	29° X 10'59	-1°24'55	superior conj	-11759 Nov 24 j 21:34	13° X 25'57	-1°34'52
minimum elong	-11760 Dec 11 j 00:02	29° X 21'07	1°24'41	minimum elong	-11759 Nov 24 j 22:48	13° X 32'14	1°34'35
	-11760 Dec 11 j 07:25	0° X		evening rise	-11759 Dec 02 j 13:18	29° X 14'40	
evening rise	-11760 Dec 18 j 05:12	14° X 36'19			-11759 Dec 02 j 22:09	0° X	
asc. node	-11760 Dec 21 j 20:33	22° X 00'42		asc. node	-11759 Dec 08 j 17:52	11° X 24'55	
	-11760 Dec 26 j 02:25	0° X		evening max el	-11759 Dec 21 j 09:50	29° X 27'35	20°34'40
evening max el	-11759 Jan 08 j 06:28	18° X 06'11	21°58'13		-11759 Dec 22 j 00:02	0° X	
retrograde	-11759 Jan 20 j 13:29	23° X 57'03		retrograde	-11758 Jan 01 j 04:45	4° X 31'22	
evening set	-11759 Jan 23 j 15:08	23° X 36'07		evening set	-11758 Jan 03 j 20:57	4° X 13'58	
inferior conj	-11759 Feb 01 j 16:59	19° X 31'29	1°31'28	inferior conj	-11758 Jan 12 j 15:16	0° X 14'32	3°03'17
minimum elong	-11759 Feb 01 j 20:47	19° X 26'04	1°29'49	minimum elong	-11758 Jan 12 j 21:02	0° X 05'58	3°01'37
min. Earth dist.	-11759 Feb 01 j 13:52	19° X 35'54	0.55450 AU		-11758 Jan 13 j 01:04	30° R X	
desc. node	-11759 Feb 07 j 16:58	16° X 27'13		min. Earth dist.	-11758 Jan 14 j 03:27	29° X 21'02	0.55779 AU
morning rise	-11759 Feb 11 j 02:46	15° X 25'48		morning rise	-11758 Jan 21 j 19:38	25° X 51'40	
direct	-11759 Feb 13 j 15:52	15° X 11'07		direct	-11758 Jan 25 j 07:32	25° X 24'46	
morning max el	-11759 Feb 25 j 18:33	21° X 00'14	21°28'54	desc. node	-11758 Jan 25 j 13:43	25° X 24'55	
	-11759 Mar 05 j 04:27	0° X			-11758 Feb 05 j 09:44	0° X	
morning set	-11759 Mar 17 j 22:47	23° X 08'42		morning max el	-11758 Feb 07 j 15:32	1° X 58'33	23°01'56
asc. node	-11759 Mar 19 j 18:43	26° X 56'44			-11758 Feb 26 j 10:10	0° X	
	-11759 Mar 21 j 05:45	0° X		morning set	-11758 Mar 02 j 10:06	8° X 07'18	
				asc. node	-11758 Mar 06 j 15:48	17° X 06'20	
superior conj	-11759 Mar 25 j 09:45	8° X 42'30	0°50'43				
minimum elong	-11759 Mar 25 j 07:37	8° X 31'26	0°49'43	superior conj	-11758 Mar 09 j 13:58	23° X 20'52	0°27'26
max. Earth dist.	-11759 Mar 29 j 02:27	16° X 15'49	1.35053 AU	minimum elong	-11758 Mar 09 j 12:49	23° X 14'43	0°26'34
evening rise	-11759 Apr 02 j 18:52	25° X 27'00		max. Earth dist.	-11758 Mar 12 j 01:35	28° X 35'19	1.33979 AU
	-11759 Apr 05 j 04:57	0° X			-11758 Mar 12 j 17:50	0° X	
	-11759 Apr 23 j 11:34	0° X		evening rise	-11758 Mar 17 j 09:08	9° X 24'36	
desc. node	-11759 May 06 j 16:03	16° X 32'51			-11758 Mar 28 j 15:42	0° X	
evening max el	-11759 May 07 j 23:26	17° X 52'14	26°51'21		-11758 Apr 19 j 10:53	0° X	
retrograde	-11759 May 21 j 02:25	25° X 21'02		evening max el	-11758 Apr 20 j 09:56	0° X 57'27	27°22'43
evening set	-11759 May 27 j 19:14	22° X 33'45		desc. node	-11758 Apr 23 j 13:22	3° X 47'08	
min. Earth dist.	-11759 May 31 j 16:20	18° X 33'54	0.65348 AU	retrograde	-11758 May 04 j 00:53	8° X 32'27	
inferior conj	-11759 Jun 02 j 12:25	16° X 22'28	-3°10'21	evening set	-11758 May 10 j 23:20	5° X 52'14	
minimum elong	-11759 Jun 02 j 14:23	16° X 16'36	3°10'15	min. Earth dist.	-11758 May 14 j 15:47	2° X 26'21	0.63943 AU
morning rise	-11759 Jun 08 j 09:49	10° X 42'32			-11758 May 16 j 21:42	30° R X	
direct	-11759 Jun 11 j 11:54	9° X 49'20		inferior conj	-11758 May 17 j 02:30	29° X 46'55	-3°25'47

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

minimum elong	-11758 May 17 j 03:29	29° \approx 44'13	3°26'05	minimum elong	-11757 Apr 30 j 05:33	12° \approx 58'38	3°27'14
morning rise	-11758 May 23 j 08:24	24° \approx 23'38		morning rise	-11757 May 06 j 23:08	7° \approx 52'20	
direct	-11758 May 26 j 04:52	23° \approx 41'37		direct	-11757 May 09 j 14:58	7° \approx 19'50	
morning max el	-11758 Jun 01 j 16:33	27° \approx 07'49	18°10'24	morning max el	-11757 May 16 j 06:30	10° \approx 42'30	18°02'08
asc. node	-11758 Jun 02 j 15:57	28° \approx 09'28		asc. node	-11757 May 20 j 12:45	15° \approx 52'14	
	-11758 Jun 04 j 05:10	0° \mathbb{H}			-11757 May 29 j 03:47	0° \mathbb{H}	
morning set	-11758 Jun 19 j 16:12	24° \mathbb{H} 41'16		morning set	-11757 Jun 01 j 21:45	6° \mathbb{H} 40'28	
	-11758 Jun 22 j 19:10	0° \mathbb{Y}					
superior conj	-11758 Jul 02 j 22:41	16° \mathbb{Y} 51'32	1°29'50	superior conj	-11757 Jun 13 j 09:48	26° \mathbb{H} 49'35	1°46'35
minimum elong	-11758 Jul 03 j 04:31	17° \mathbb{Y} 15'16	1°29'34	minimum elong	-11757 Jun 13 j 12:07	26° \mathbb{H} 59'23	1°46'27
max. Earth dist.	-11758 Jul 07 j 16:38	24° \mathbb{Y} 31'05	1.43958 AU		-11757 Jun 15 j 06:51	0° \mathbb{Y}	
	-11758 Jul 11 j 03:19	0° \mathbb{B}		max. Earth dist.	-11757 Jun 20 j 03:29	8° \mathbb{Y} 03'30	1.42761 AU
evening rise	-11758 Jul 19 j 08:26	12° \mathbb{B} 52'17		evening rise	-11757 Jun 28 j 08:49	21° \mathbb{Y} 13'08	
desc. node	-11758 Jul 20 j 10:10	14° \mathbb{B} 32'03			-11757 Jul 04 j 00:51	0° \mathbb{B}	
	-11758 Jul 30 j 12:26	0° \mathbb{II}		desc. node	-11757 Jul 07 j 07:37	4° \mathbb{B} 59'16	
evening max el	-11758 Aug 14 j 19:59	20° \mathbb{II} 44'38	20°07'18		-11757 Jul 25 j 02:06	0° \mathbb{II}	
retrograde	-11758 Aug 22 j 11:37	25° \mathbb{II} 11'23		evening max el	-11757 Jul 28 j 18:56	4° \mathbb{II} 09'49	21°15'31
evening set	-11758 Aug 26 j 02:40	23° \mathbb{II} 55'16		retrograde	-11757 Aug 06 j 07:55	9° \mathbb{II} 11'29	
asc. node	-11758 Aug 29 j 16:42	20° \mathbb{II} 21'21		evening set	-11757 Aug 10 j 11:06	7° \mathbb{II} 35'47	
inferior conj	-11758 Aug 31 j 14:18	17° \mathbb{II} 54'01	0°36'00	inferior conj	-11757 Aug 15 j 18:37	1° \mathbb{II} 27'20	-0°15'00
minimum elong	-11758 Aug 31 j 13:29	17° \mathbb{II} 56'45	0°36'19	minimum elong	-11757 Aug 15 j 18:56	1° \mathbb{II} 26'17	0°14'18
min. Earth dist.	-11758 Sep 01 j 11:57	16° \mathbb{II} 42'07	0.66470 AU	transit middle	-11757 Aug 15 j 18:56	1° \mathbb{II} 26'17	0°14'18
morning rise	-11758 Sep 06 j 00:01	11° \mathbb{II} 33'51		transit begin	-11757 Aug 15 j 17:36	1° \mathbb{II} 30'50	
direct	-11758 Sep 11 j 15:22	9° \mathbb{II} 09'35		transit end	-11757 Aug 15 j 20:15	1° \mathbb{II} 21'44	
morning max el	-11758 Sep 23 j 09:19	16° \mathbb{II} 08'29	25°04'11	min. Earth dist.	-11757 Aug 16 j 05:35	0° \mathbb{II} 49'47	0.67002 AU
	-11758 Oct 04 j 22:02	0° \mathbb{E}		asc. node	-11757 Aug 16 j 13:40	0° \mathbb{II} 22'13	
desc. node	-11758 Oct 16 j 08:46	16° \mathbb{E} 38'16			-11757 Aug 16 j 20:13	30° \mathbb{K} \mathbb{B}	
	-11758 Oct 24 j 15:01	0° \mathbb{O}		morning rise	-11757 Aug 21 j 02:36	25° \mathbb{B} 06'35	
morning set	-11758 Oct 29 j 08:03	8° \mathbb{O} 09'01		direct	-11757 Aug 26 j 03:44	22° \mathbb{B} 59'33	
max. Earth dist.	-11758 Nov 02 j 05:16	15° \mathbb{O} 11'06	1.37315 AU	morning max el	-11757 Sep 05 j 19:18	29° \mathbb{B} 23'27	23°42'09
					-11757 Sep 06 j 09:29	0° \mathbb{II}	
superior conj	-11758 Nov 08 j 11:42	27° \mathbb{O} 08'04	-1°38'40		-11757 Sep 28 j 18:30	0° \mathbb{E}	
minimum elong	-11758 Nov 08 j 11:38	27° \mathbb{O} 07'44	1°38'16	desc. node	-11757 Oct 03 j 05:40	6° \mathbb{E} 55'39	
	-11758 Nov 09 j 22:35	0° \mathbb{M}		morning set	-11757 Oct 10 j 18:38	19° \mathbb{E} 13'55	
evening rise	-11758 Nov 16 j 16:58	13° \mathbb{M} 34'15		max. Earth dist.	-11757 Oct 15 j 03:43	26° \mathbb{E} 45'27	1.39272 AU
	-11758 Nov 25 j 10:41	0° \mathbb{L}			-11757 Oct 16 j 23:45	0° \mathbb{O}	
asc. node	-11758 Nov 25 j 15:12	0° \mathbb{L} 18'48		superior conj	-11757 Oct 22 j 12:30	10° \mathbb{O} 06'11	-1°34'21
evening max el	-11758 Dec 03 j 23:25	11° \mathbb{L} 23'08	19°27'57	minimum elong	-11757 Oct 22 j 10:37	9° \mathbb{O} 57'23	1°33'44
retrograde	-11758 Dec 13 j 05:26	15° \mathbb{L} 45'40		evening rise	-11757 Oct 31 j 13:52	27° \mathbb{O} 29'04	
evening set	-11758 Dec 15 j 18:15	15° \mathbb{L} 27'28			-11757 Nov 01 j 21:04	0° \mathbb{M}	
inferior conj	-11758 Dec 24 j 00:41	11° \mathbb{L} 18'14	3°59'44	asc. node	-11757 Nov 12 j 12:32	18° \mathbb{M} 32'28	
minimum elong	-11758 Dec 24 j 04:19	11° \mathbb{L} 12'16	3°59'11	evening max el	-11757 Nov 16 j 22:51	23° \mathbb{M} 51'21	18°40'58
min. Earth dist.	-11758 Dec 26 j 17:07	9° \mathbb{L} 32'36	0.56885 AU	retrograde	-11757 Nov 24 j 23:06	27° \mathbb{M} 45'04	
morning rise	-11757 Jan 01 j 12:12	6° \mathbb{L} 31'17		evening set	-11757 Nov 27 j 10:49	27° \mathbb{M} 23'57	
direct	-11757 Jan 06 j 08:35	5° \mathbb{L} 37'37		inferior conj	-11757 Dec 05 j 04:18	22° \mathbb{M} 55'37	4°17'08
desc. node	-11757 Jan 12 j 10:25	7° \mathbb{L} 02'27		minimum elong	-11757 Dec 05 j 04:12	22° \mathbb{M} 55'50	4°17'15
morning max el	-11757 Jan 20 j 06:36	12° \mathbb{L} 39'32	24°38'29	min. Earth dist.	-11757 Dec 08 j 08:41	20° \mathbb{M} 31'53	0.58516 AU
	-11757 Feb 02 j 14:41	0° \mathbb{M}		morning rise	-11757 Dec 12 j 19:42	17° \mathbb{M} 46'03	
morning set	-11757 Feb 14 j 22:36	23° \mathbb{M} 11'51		direct	-11757 Dec 18 j 21:22	16° \mathbb{M} 15'35	
	-11757 Feb 18 j 03:12	0° \mathbb{X}		desc. node	-11757 Dec 30 j 07:05	21° \mathbb{M} 10'34	
superior conj	-11757 Feb 21 j 22:38	8° \mathbb{X} 14'47	0°03'52	morning max el	-11756 Jan 01 j 22:27	23° \mathbb{M} 30'52	26°04'12
minimum elong	-11757 Feb 21 j 22:30	8° \mathbb{X} 14'04	0°03'13		-11756 Jan 07 j 19:41	0° \mathbb{L}	
behind sun begin	-11757 Feb 21 j 17:29	7° \mathbb{X} 46'59			-11756 Jan 26 j 09:08	0° \mathbb{M}	
behind sun end	-11757 Feb 22 j 03:30	8° \mathbb{X} 41'08		morning set	-11756 Jan 30 j 10:27	8° \mathbb{M} 15'23	
asc. node	-11757 Feb 21 j 12:56	7° \mathbb{X} 22'22					
max. Earth dist.	-11757 Feb 23 j 08:56	11° \mathbb{X} 19'47	1.33255 AU	superior conj	-11756 Feb 06 j 09:45	23° \mathbb{M} 16'50	-0°19'09
evening rise	-11757 Mar 01 j 08:21	23° \mathbb{X} 51'05		minimum elong	-11756 Feb 06 j 10:32	23° \mathbb{M} 21'09	0°19'31
	-11757 Mar 04 j 10:43	0° \mathbb{Z}		max. Earth dist.	-11756 Feb 06 j 21:17	24° \mathbb{M} 19'43	1.32865 AU
	-11757 Mar 22 j 09:13	0° \approx		asc. node	-11756 Feb 08 j 10:08	27° \mathbb{M} 40'15	
evening max el	-11757 Apr 02 j 18:33	13° \approx 38'45	27°23'41		-11756 Feb 09 j 11:59	0° \mathbb{X}	
desc. node	-11757 Apr 10 j 10:37	19° \approx 28'47		evening rise	-11756 Feb 13 j 13:36	8° \mathbb{X} 36'03	
retrograde	-11757 Apr 16 j 17:01	21° \approx 12'03			-11756 Feb 24 j 21:37	0° \mathbb{Z}	
evening set	-11757 Apr 23 j 13:26	18° \approx 52'24		evening max el	-11756 Mar 14 j 22:53	25° \mathbb{Z} 45'24	26°51'42
min. Earth dist.	-11757 Apr 27 j 06:21	15° \approx 50'50	0.62194 AU		-11756 Mar 20 j 02:32	0° \approx	
inferior conj	-11757 Apr 30 j 06:08	12° \approx 57'12	-3°26'45	desc. node	-11756 Mar 27 j 07:48	3° \approx 04'01	
				retrograde	-11756 Mar 29 j 01:07	3° \approx 11'43	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening set	-11756 Apr 04 j 10:14	1°≈23'18		desc. node	-11755 Mar 14 j 04:51	14°≈30'25	
	-11756 Apr 06 j 14:26	30°≈30'		evening set	-11755 Mar 16 j 12:05	13°≈15'04	
min. Earth dist.	-11756 Apr 08 j 12:09	28°≈32'41	0.60238 AU	min. Earth dist.	-11755 Mar 21 j 10:43	10°≈21'10	0.58296 AU
inferior conj	-11756 Apr 11 j 19:45	25°≈44'34	-3°07'59	inferior conj	-11755 Mar 24 j 15:47	8°≈00'29	-2°23'16
minimum elong	-11756 Apr 11 j 17:18	25°≈49'46	3°08'17	minimum elong	-11755 Mar 24 j 12:10	8°≈07'08	2°23'07
morning rise	-11756 Apr 19 j 02:44	20°≈59'28		morning rise	-11755 Apr 01 j 15:25	3°≈35'12	
direct	-11756 Apr 21 j 14:25	20°≈35'07		direct	-11755 Apr 03 j 22:55	3°≈17'36	
morning max el	-11756 Apr 28 j 18:45	24°≈06'08	18°12'39	morning max el	-11755 Apr 12 j 02:30	7°≈10'53	18°42'32
	-11756 May 03 j 14:31	0°≈		asc. node	-11755 Apr 23 j 06:27	23°≈24'18	
asc. node	-11756 May 06 j 09:34	4°≈20'37			-11755 Apr 26 j 18:53	0°≈	
morning set	-11756 May 14 j 21:22	19°≈33'50		morning set	-11755 Apr 28 j 10:28	3°≈10'35	
	-11756 May 20 j 12:11	0°≈					
superior conj	-11756 May 24 j 23:25	8°≈06'28	1°48'36	superior conj	-11755 May 07 j 11:06	20°≈31'25	1°39'47
minimum elong	-11756 May 24 j 22:28	8°≈02'13	1°48'18	minimum elong	-11755 May 07 j 08:26	20°≈18'55	1°39'09
max. Earth dist.	-11756 Jun 01 j 08:59	20°≈58'35	1.41117 AU	max. Earth dist.	-11755 May 14 j 09:54	3°≈11'47	1.39253 AU
evening rise	-11756 Jun 06 j 23:10	0°≈		evening rise	-11755 May 18 j 15:59	10°≈34'20	
	-11756 Jun 06 j 19:37	0°≈			-11755 May 30 j 17:03	0°≈	
desc. node	-11756 Jun 23 j 05:07	25°≈13'23		desc. node	-11755 Jun 10 j 02:38	15°≈08'25	
	-11756 Jun 26 j 13:10	0°≈			-11755 Jun 22 j 02:45	0°≈	
evening max el	-11756 Jul 10 j 11:08	17°≈31'03	22°33'40	evening max el	-11755 Jun 22 j 22:26	0°≈50'26	23°56'01
retrograde	-11756 Jul 20 j 02:20	23°≈13'47		retrograde	-11755 Jul 03 j 17:44	7°≈14'52	
evening set	-11756 Jul 24 j 19:19	21°≈16'44		evening set	-11755 Jul 09 j 01:26	4°≈56'56	
inferior conj	-11756 Jul 30 j 00:44	15°≈03'36	-1°03'08		-11755 Jul 13 j 07:48	30°≈	
minimum elong	-11756 Jul 30 j 02:00	14°≈59'13	1°02'12	inferior conj	-11755 Jul 14 j 06:53	28°≈41'21	-1°47'01
min. Earth dist.	-11756 Jul 30 j 01:08	15°≈02'12	0.67234 AU	minimum elong	-11755 Jul 14 j 08:50	28°≈34'39	1°46'05
asc. node	-11756 Aug 02 j 10:33	10°≈38'35		min. Earth dist.	-11755 Jul 13 j 20:16	29°≈17'36	0.67156 AU
morning rise	-11756 Aug 04 j 08:35	8°≈46'02		morning rise	-11755 Jul 19 j 16:13	22°≈30'23	
direct	-11756 Aug 08 j 20:19	6°≈57'34		asc. node	-11755 Jul 20 j 07:24	22°≈03'45	
morning max el	-11756 Aug 18 j 08:03	12°≈39'43	22°18'31	direct	-11755 Jul 23 j 16:03	20°≈59'50	
	-11756 Aug 31 j 23:22	0°≈		morning max el	-11755 Aug 01 j 02:01	26°≈00'10	21°00'20
desc. node	-11756 Sep 19 j 02:40	27°≈25'11			-11755 Aug 04 j 14:26	0°≈	
morning set	-11756 Sep 20 j 02:53	29°≈02'15			-11755 Aug 25 j 11:41	0°≈	
	-11756 Sep 20 j 17:13	0°≈		morning set	-11755 Aug 30 j 12:48	7°≈48'41	
max. Earth dist.	-11756 Sep 26 j 05:01	9°≈02'19	1.41222 AU	desc. node	-11755 Sep 05 j 23:47	18°≈02'01	
				max. Earth dist.	-11755 Sep 08 j 12:13	22°≈06'04	1.42889 AU
superior conj	-11756 Oct 03 j 18:47	22°≈06'25	-1°19'39		-11755 Sep 13 j 07:23	0°≈	
minimum elong	-11756 Oct 03 j 15:04	21°≈50'00	1°18'42				
	-11756 Oct 08 j 03:56	0°≈		superior conj	-11755 Sep 15 j 00:38	2°≈52'49	-0°52'35
evening rise	-11756 Oct 14 j 00:58	10°≈52'13		minimum elong	-11755 Sep 14 j 20:28	2°≈35'16	0°51'26
	-11756 Oct 24 j 22:23	0°≈		evening rise	-11755 Sep 26 j 22:13	23°≈33'04	
asc. node	-11756 Oct 29 j 09:51	5°≈53'38			-11755 Sep 30 j 13:28	0°≈	
evening max el	-11756 Oct 30 j 05:56	6°≈45'46	18°14'14	evening max el	-11755 Oct 13 j 17:46	19°≈57'54	18°07'10
retrograde	-11756 Nov 06 j 10:22	10°≈23'35		asc. node	-11755 Oct 16 j 07:06	22°≈06'27	
evening set	-11756 Nov 08 j 22:10	9°≈58'14		retrograde	-11755 Oct 20 j 11:26	23°≈30'28	
inferior conj	-11756 Nov 16 j 03:03	5°≈08'02	4°04'17	evening set	-11755 Oct 23 j 01:08	22°≈59'08	
minimum elong	-11756 Nov 16 j 00:16	5°≈14'07	4°04'17	inferior conj	-11755 Oct 29 j 18:21	17°≈48'23	3°31'50
min. Earth dist.	-11756 Nov 19 j 05:48	2°≈25'40	0.60356 AU	minimum elong	-11755 Oct 29 j 14:34	17°≈57'47	3°31'29
	-11756 Nov 22 j 11:17	30°≈		min. Earth dist.	-11755 Nov 01 j 11:45	15°≈06'32	0.62152 AU
morning rise	-11756 Nov 23 j 00:57	29°≈38'34		morning rise	-11755 Nov 05 j 02:55	12°≈01'42	
direct	-11756 Nov 29 j 20:28	27°≈32'40		direct	-11755 Nov 12 j 04:23	9°≈30'24	
	-11756 Dec 07 j 14:17	0°≈		morning max el	-11755 Nov 26 j 00:11	17°≈00'19	27°33'03
morning max el	-11756 Dec 13 j 20:06	4°≈55'50	27°05'11	desc. node	-11755 Dec 03 j 00:21	24°≈48'57	
desc. node	-11756 Dec 16 j 03:43	7°≈17'01			-11755 Dec 06 j 22:49	0°≈	
	-11755 Jan 01 j 12:19	0°≈			-11755 Dec 25 j 01:39	0°≈	
morning set	-11755 Jan 13 j 19:54	23°≈11'20		morning set	-11755 Dec 29 j 00:44	7°≈50'52	
	-11755 Jan 17 j 01:18	0°≈		max. Earth dist.	-11754 Jan 03 j 21:48	20°≈12'08	1.33069 AU
superior conj	-11755 Jan 20 j 21:39	8°≈21'04	-0°40'47	superior conj	-11754 Jan 05 j 08:36	23°≈20'13	-1°00'22
minimum elong	-11755 Jan 20 j 23:11	8°≈29'26	0°40'54	minimum elong	-11754 Jan 05 j 10:36	23°≈31'01	1°00'17
max. Earth dist.	-11755 Jan 20 j 10:53	7°≈22'13	1.32798 AU		-11754 Jan 08 j 10:16	0°≈	
asc. node	-11755 Jan 25 j 07:25	17°≈56'02		evening rise	-11754 Jan 12 j 09:36	8°≈29'57	
evening rise	-11755 Jan 27 j 22:40	23°≈31'41		asc. node	-11754 Jan 12 j 04:44	8°≈04'22	
	-11755 Jan 31 j 02:38	0°≈			-11754 Jan 23 j 17:39	0°≈	
	-11755 Feb 18 j 09:32	0°≈		evening max el	-11754 Feb 06 j 15:26	18°≈14'09	24°24'55
evening max el	-11755 Feb 24 j 21:28	7°≈14'24	25°49'17	retrograde	-11754 Feb 20 j 10:43	25°≈06'56	
retrograde	-11755 Mar 10 j 23:35	14°≈28'44		evening set	-11754 Feb 24 j 21:01	24°≈22'46	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

desc. node	-11754 Mar 01 j 01:46	22°♄28'54		retrograde	-11753 Feb 01 j 09:29	5°♄22'15	
min. Earth dist.	-11754 Mar 03 j 04:47	21°♄12'57	0.56662 AU	evening set	-11753 Feb 04 j 20:14	4°♄56'17	
inferior conj	-11754 Mar 05 j 16:03	19°♄38'22	-1°08'32	min. Earth dist.	-11753 Feb 12 j 20:35	1°♄18'36	0.55655 AU
minimum elong	-11754 Mar 05 j 13:30	19°♄42'26	1°08'26	inferior conj	-11753 Feb 13 j 22:37	0°♄40'42	0°30'50
morning rise	-11754 Mar 14 j 09:06	15°♄29'10		minimum elong	-11753 Feb 13 j 23:54	0°♄38'49	0°29'52
direct	-11754 Mar 16 j 13:14	15°♄16'10			-11753 Feb 15 j 02:43	30°♄	
morning max el	-11754 Mar 26 j 02:45	19°♄47'05	19°32'11	desc. node	-11753 Feb 15 j 22:38	29°♄31'50	
	-11754 Apr 02 j 23:57	0°♄		morning rise	-11753 Feb 23 j 05:05	26°♄37'28	
asc. node	-11754 Apr 10 j 03:23	12°♄54'49		direct	-11753 Feb 25 j 11:27	26°♄25'11	
morning set	-11754 Apr 12 j 09:19	17°♄21'04			-11753 Mar 06 j 15:53	0°♄	
	-11754 Apr 18 j 16:53	0°♄		morning max el	-11753 Mar 08 j 16:44	1°♄45'34	20°41'12
					-11753 Mar 26 j 15:57	0°♄	
superior conj	-11754 Apr 20 j 15:22	3°♄49'29	1°23'50	morning set	-11753 Mar 27 j 14:52	1°♄56'24	
minimum elong	-11754 Apr 20 j 12:19	3°♄34'33	1°22'55	asc. node	-11753 Mar 28 j 00:23	2°♄44'59	
max. Earth dist.	-11754 Apr 26 j 10:48	14°♄56'21	1.37422 AU				
evening rise	-11754 Apr 30 j 11:07	22°♄15'14		superior conj	-11753 Apr 04 j 07:35	17°♄46'56	1°03'33
	-11754 May 04 j 21:48	0°♄		minimum elong	-11753 Apr 04 j 04:59	17°♄33'41	1°02'31
	-11754 May 24 j 12:01	0°♄		max. Earth dist.	-11753 Apr 08 j 18:14	26°♄40'05	1.35825 AU
desc. node	-11754 May 28 j 00:04	4°♄36'27			-11753 Apr 10 j 11:26	0°♄	
evening max el	-11754 Jun 05 j 07:56	14°♄11'21	25°14'59	evening rise	-11753 Apr 13 j 03:15	5°♄02'15	
retrograde	-11754 Jun 17 j 05:18	21°♄10'30			-11753 Apr 27 j 17:53	0°♄	
evening set	-11754 Jun 23 j 03:25	18°♄35'17		desc. node	-11753 May 14 j 21:27	23°♄26'02	
min. Earth dist.	-11754 Jun 27 j 12:43	13°♄33'58	0.66743 AU	evening max el	-11753 May 18 j 18:03	27°♄32'55	26°21'52
inferior conj	-11754 Jun 28 j 11:16	12°♄19'29	-2°25'19		-11753 May 21 j 09:40	0°♄	
minimum elong	-11754 Jun 28 j 13:35	12°♄11'49	2°24'35	retrograde	-11753 May 31 j 12:10	4°♄54'28	
morning rise	-11754 Jul 03 j 23:47	6°♄18'11		evening set	-11753 Jun 06 j 23:02	2°♄09'00	
asc. node	-11754 Jul 07 j 04:11	5°♄04'39			-11753 Jun 09 j 02:58	30°♄	
direct	-11754 Jul 07 j 13:40	5°♄03'46		min. Earth dist.	-11753 Jun 11 j 00:10	27°♄46'52	0.65966 AU
morning max el	-11754 Jul 15 j 02:26	9°♄27'06	19°52'57	inferior conj	-11753 Jun 12 j 11:57	25°♄55'18	-2°56'29
	-11754 Jul 30 j 02:43	0°♄		minimum elong	-11753 Jun 12 j 14:12	25°♄48'17	2°56'07
morning set	-11754 Aug 09 j 15:57	16°♄18'09		morning rise	-11753 Jun 18 j 05:30	20°♄06'34	
	-11754 Aug 18 j 09:32	0°♄		direct	-11753 Jun 21 j 11:23	19°♄06'10	
max. Earth dist.	-11754 Aug 22 j 00:42	5°♄45'48	1.44052 AU	asc. node	-11753 Jun 24 j 00:58	19°♄42'01	
desc. node	-11754 Aug 23 j 20:59	8°♄42'45		morning max el	-11753 Jun 28 j 08:53	22°♄59'51	18°59'53
					-11753 Jul 03 j 24:00	0°♄	
superior conj	-11754 Aug 26 j 02:45	12°♄18'55	-0°13'26	morning set	-11753 Jul 20 j 07:58	25°♄23'48	
minimum elong	-11754 Aug 26 j 01:19	12°♄13'11	0°12'38		-11753 Jul 23 j 05:16	0°♄	
behind sun begin	-11754 Aug 25 j 18:24	11°♄45'17		max. Earth dist.	-11753 Aug 04 j 16:29	19°♄45'56	1.44570 AU
behind sun end	-11754 Aug 26 j 08:14	12°♄41'06					
	-11754 Sep 05 j 20:38	0°♄		superior conj	-11753 Aug 05 j 07:01	20°♄43'25	0°32'07
evening rise	-11754 Sep 09 j 00:24	5°♄19'07		minimum elong	-11753 Aug 05 j 10:53	20°♄58'43	0°32'08
	-11754 Sep 24 j 10:35	0°♄		desc. node	-11753 Aug 10 j 18:15	29°♄23'43	
evening max el	-11754 Sep 27 j 07:26	3°♄21'31	18°18'52		-11753 Aug 11 j 03:22	0°♄	
asc. node	-11754 Oct 03 j 04:16	6°♄54'49		evening rise	-11753 Aug 21 j 01:48	15°♄55'31	
retrograde	-11754 Oct 03 j 22:09	6°♄57'47			-11753 Aug 29 j 19:30	0°♄	
evening set	-11754 Oct 06 j 16:00	6°♄18'01		evening max el	-11753 Sep 10 j 20:01	16°♄50'31	18°48'17
inferior conj	-11754 Oct 12 j 22:50	0°♄49'19	2°47'58	retrograde	-11753 Sep 17 j 14:53	20°♄39'06	
minimum elong	-11754 Oct 12 j 19:16	0°♄59'11	2°47'30	asc. node	-11753 Sep 20 j 01:22	20°♄05'27	
	-11754 Oct 13 j 16:34	30°♄		evening set	-11753 Sep 20 j 15:14	19°♄47'43	
min. Earth dist.	-11754 Oct 15 j 03:48	28°♄23'02	0.63742 AU	inferior conj	-11753 Sep 26 j 13:13	14°♄04'02	1°58'10
morning rise	-11754 Oct 18 j 21:45	24°♄48'44		minimum elong	-11753 Sep 26 j 10:33	14°♄12'06	1°57'53
direct	-11754 Oct 25 j 19:59	22°♄05'26		min. Earth dist.	-11753 Sep 28 j 05:21	12°♄03'00	0.65043 AU
morning max el	-11754 Nov 08 j 08:32	29°♄38'28	27°26'17	morning rise	-11753 Oct 02 j 05:20	7°♄53'05	
	-11754 Nov 08 j 17:17	0°♄		direct	-11753 Oct 08 j 18:01	5°♄10'28	
desc. node	-11754 Nov 19 j 21:02	13°♄22'07		morning max el	-11753 Oct 21 j 18:32	12°♄38'44	26°48'46
	-11754 Nov 30 j 19:24	0°♄			-11753 Nov 04 j 21:47	0°♄	
morning set	-11754 Dec 12 j 22:23	22°♄05'16		desc. node	-11753 Nov 06 j 17:46	2°♄38'35	
	-11754 Dec 16 j 20:04	0°♄			-11753 Nov 23 j 08:08	0°♄	
max. Earth dist.	-11754 Dec 18 j 02:14	2°♄37'10	1.33722 AU	morning set	-11753 Nov 26 j 09:35	5°♄44'01	
				max. Earth dist.	-11753 Nov 30 j 21:09	14°♄31'22	1.34793 AU
superior conj	-11754 Dec 20 j 16:50	8°♄08'10	-1°17'02				
minimum elong	-11754 Dec 20 j 18:55	8°♄19'16	1°16'50	superior conj	-11753 Dec 04 j 20:15	22°♄37'58	-1°29'47
evening rise	-11754 Dec 27 j 20:45	23°♄25'00		minimum elong	-11753 Dec 04 j 21:57	22°♄46'49	1°29'33
asc. node	-11754 Dec 30 j 02:04	28°♄00'21			-11753 Dec 08 j 08:38	0°♄	
	-11754 Dec 31 j 01:48	0°♄		evening rise	-11753 Dec 12 j 06:29	8°♄11'27	
evening max el	-11753 Jan 19 j 09:05	29°♄05'40	22°51'11	asc. node	-11753 Dec 16 j 23:24	17°♄38'25	
	-11753 Jan 20 j 09:04	0°♄			-11753 Dec 24 j 01:57	0°♄	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening max el	-11752 Jan 01 j 07:50	10° \mathbb{M} 12'22	21°21'01	evening max el	-11752 Dec 13 j 15:28	21° \mathbb{A} 48'12	20°04'01
retrograde	-11752 Jan 13 j 00:02	15° \mathbb{M} 42'28		retrograde	-11752 Dec 23 j 17:53	26° \mathbb{A} 33'03	
evening set	-11752 Jan 15 j 20:41	15° \mathbb{M} 23'48		evening set	-11752 Dec 26 j 08:28	26° \mathbb{A} 15'29	
inferior conj	-11752 Jan 24 j 20:15	11° \mathbb{M} 24'00	2°13'41	inferior conj	-11751 Jan 03 j 21:58	22° \mathbb{A} 13'17	3°32'11
minimum elong	-11752 Jan 25 j 01:24	11° \mathbb{M} 16'38	2°11'48	minimum elong	-11751 Jan 04 j 03:15	22° \mathbb{A} 05'09	3°30'57
min. Earth dist.	-11752 Jan 25 j 10:47	11° \mathbb{M} 03'11	0.55486 AU	min. Earth dist.	-11751 Jan 05 j 23:54	20° \mathbb{A} 56'46	0.56169 AU
desc. node	-11752 Feb 02 j 19:27	7° \mathbb{M} 17'56		morning rise	-11751 Jan 12 j 20:13	17° \mathbb{A} 40'54	
morning rise	-11752 Feb 03 j 05:26	7° \mathbb{M} 12'20		direct	-11751 Jan 16 j 21:39	17° \mathbb{A} 04'25	
direct	-11752 Feb 06 j 02:42	6° \mathbb{M} 53'49		desc. node	-11751 Jan 19 j 16:12	17° \mathbb{A} 21'57	
morning max el	-11752 Feb 18 j 19:22	13° \mathbb{M} 03'50	22°07'10	morning max el	-11751 Jan 30 j 12:58	23° \mathbb{A} 51'30	23°43'20
	-11752 Mar 02 j 07:11	0° \mathbb{A}			-11751 Feb 05 j 01:11	0° \mathbb{M}	
morning set	-11752 Mar 11 j 00:45	16° \mathbb{A} 49'22			-11751 Feb 22 j 15:22	0° \mathbb{A}	
asc. node	-11752 Mar 13 j 21:26	22° \mathbb{A} 49'26		morning set	-11751 Feb 23 j 12:50	1° \mathbb{A} 51'51	
	-11752 Mar 17 j 06:53	0° \mathbb{B}		asc. node	-11751 Feb 28 j 18:34	13° \mathbb{A} 02'33	
superior conj	-11752 Mar 18 j 08:18	2° \mathbb{B} 13'34	0°40'57	superior conj	-11751 Mar 02 j 14:41	16° \mathbb{A} 59'38	0°17'26
minimum elong	-11752 Mar 18 j 06:33	2° \mathbb{B} 04'27	0°39'59	minimum elong	-11751 Mar 02 j 13:58	16° \mathbb{A} 55'45	0°16'38
max. Earth dist.	-11752 Mar 21 j 12:00	8° \mathbb{B} 46'17	1.34558 AU	max. Earth dist.	-11751 Mar 04 j 15:18	21° \mathbb{A} 18'51	1.33637 AU
evening rise	-11752 Mar 26 j 10:52	18° \mathbb{B} 39'07			-11751 Mar 08 j 19:33	0° \mathbb{B}	
	-11752 Apr 01 j 13:06	0° \mathbb{A}		evening rise	-11751 Mar 10 j 05:23	2° \mathbb{B} 50'36	
	-11752 Apr 20 j 20:50	0° \mathbb{H}			-11751 Mar 25 j 09:31	0° \mathbb{A}	
evening max el	-11752 Apr 30 j 05:06	10° \mathbb{H} 48'36	27°08'08	evening max el	-11751 Apr 12 j 15:11	23° \mathbb{A} 45'25	27°26'58
desc. node	-11752 Apr 30 j 18:47	11° \mathbb{H} 21'39		desc. node	-11751 Apr 17 j 16:04	28° \mathbb{A} 00'33	
retrograde	-11752 May 13 j 13:46	18° \mathbb{H} 20'25			-11751 Apr 21 j 00:48	0° \mathbb{H}	
evening set	-11752 May 20 j 09:40	15° \mathbb{H} 34'54		retrograde	-11751 Apr 26 j 09:23	1° \mathbb{H} 19'33	
min. Earth dist.	-11752 May 24 j 04:30	11° \mathbb{H} 50'05	0.64800 AU		-11751 May 01 j 09:53	30° \mathbb{R}	
inferior conj	-11752 May 26 j 06:42	9° \mathbb{H} 25'50	-3°18'27	evening set	-11751 May 03 j 08:13	28° \mathbb{A} 46'31	
minimum elong	-11752 May 26 j 08:19	9° \mathbb{H} 21'09	3°18'31	min. Earth dist.	-11751 May 07 j 00:07	25° \mathbb{A} 32'34	0.63245 AU
morning rise	-11752 Jun 01 j 07:24	3° \mathbb{H} 52'26		inferior conj	-11751 May 09 j 16:45	22° \mathbb{A} 45'14	-3°28'16
direct	-11752 Jun 04 j 07:00	3° \mathbb{H} 04'03		minimum elong	-11751 May 09 j 17:08	22° \mathbb{A} 44'14	3°28'40
asc. node	-11752 Jun 09 j 21:46	5° \mathbb{H} 44'08		morning rise	-11751 May 16 j 03:02	17° \mathbb{A} 29'36	
morning max el	-11752 Jun 10 j 20:01	6° \mathbb{H} 37'11	18°23'21	direct	-11751 May 18 j 21:34	16° \mathbb{A} 51'40	
	-11752 Jun 26 j 15:04	0° \mathbb{Y}		morning max el	-11751 May 25 j 09:40	20° \mathbb{A} 14'35	18°04'38
morning set	-11752 Jun 30 j 00:05	5° \mathbb{Y} 36'47		asc. node	-11751 May 27 j 18:34	22° \mathbb{A} 54'27	
					-11751 Jun 01 j 17:02	0° \mathbb{H}	
superior conj	-11752 Jul 14 j 08:38	29° \mathbb{Y} 02'04	1°12'41	morning set	-11751 Jun 11 j 17:03	16° \mathbb{H} 59'41	
minimum elong	-11752 Jul 14 j 15:16	29° \mathbb{Y} 28'32	1°12'22		-11751 Jun 19 j 06:20	0° \mathbb{Y}	
	-11752 Jul 14 j 23:08	0° \mathbb{B}		superior conj	-11751 Jun 24 j 04:34	8° \mathbb{Y} 15'20	1°38'58
max. Earth dist.	-11752 Jul 17 j 09:08	3° \mathbb{B} 50'55	1.44385 AU	minimum elong	-11751 Jun 24 j 09:04	8° \mathbb{Y} 33'55	1°38'46
desc. node	-11752 Jul 27 j 15:34	20° \mathbb{B} 02'05		max. Earth dist.	-11751 Jun 29 j 23:14	17° \mathbb{Y} 41'35	1.43519 AU
evening rise	-11752 Jul 30 j 23:58	25° \mathbb{B} 16'49			-11751 Jul 07 j 17:12	0° \mathbb{B}	
	-11752 Aug 03 j 00:28	0° \mathbb{H}		evening rise	-11751 Jul 10 j 02:40	3° \mathbb{B} 44'14	
greatest brilliancy	-11752 Aug 10 j 18:06	11° \mathbb{H} 58'48	-0.7m	desc. node	-11751 Jul 14 j 12:58	10° \mathbb{B} 34'38	
	-11752 Aug 23 j 21:01	0° \mathbb{B}			-11751 Jul 27 j 12:58	0° \mathbb{H}	
evening max el	-11752 Aug 24 j 04:50	0° \mathbb{B} 20'21	19°34'09	evening max el	-11751 Aug 07 j 07:40	13° \mathbb{H} 47'39	20°34'50
retrograde	-11752 Aug 31 j 10:47	4° \mathbb{B} 30'14		retrograde	-11751 Aug 15 j 07:33	18° \mathbb{H} 28'15	
evening set	-11752 Sep 03 j 19:55	3° \mathbb{B} 23'55		evening set	-11751 Aug 19 j 03:36	17° \mathbb{H} 03'54	
asc. node	-11752 Sep 05 j 22:26	1° \mathbb{B} 38'20		asc. node	-11751 Aug 23 j 19:26	11° \mathbb{H} 58'48	
	-11752 Sep 07 j 10:12	30° \mathbb{R} \mathbb{H}		inferior conj	-11751 Aug 24 j 13:13	10° \mathbb{H} 59'04	0°14'05
inferior conj	-11752 Sep 09 j 10:47	27° \mathbb{H} 28'09	1°06'02	minimum elong	-11751 Aug 24 j 12:54	11° \mathbb{H} 00'10	0°14'35
minimum elong	-11752 Sep 09 j 09:16	27° \mathbb{H} 33'02	1°06'07	transit middle	-11751 Aug 24 j 12:54	11° \mathbb{H} 00'10	0°14'35
min. Earth dist.	-11752 Sep 10 j 14:50	25° \mathbb{H} 57'42	0.66037 AU	transit begin	-11751 Aug 24 j 11:39	11° \mathbb{H} 04'22	
morning rise	-11752 Sep 14 j 22:19	21° \mathbb{H} 10'27		transit end	-11751 Aug 24 j 14:09	10° \mathbb{H} 55'57	
direct	-11752 Sep 20 j 21:53	18° \mathbb{H} 37'56		min. Earth dist.	-11751 Aug 25 j 06:11	10° \mathbb{H} 01'53	0.66730 AU
morning max el	-11752 Oct 03 j 04:34	25° \mathbb{H} 50'33	25°47'14	morning rise	-11751 Aug 29 j 22:01	4° \mathbb{H} 38'19	
	-11752 Oct 07 j 01:15	0° \mathbb{B}		direct	-11751 Sep 04 j 07:11	2° \mathbb{H} 21'23	
desc. node	-11752 Oct 23 j 14:32	22° \mathbb{B} 25'26		morning max el	-11751 Sep 15 j 14:25	9° \mathbb{H} 06'25	24°30'09
	-11752 Oct 28 j 10:31	0° \mathbb{Q}			-11751 Oct 02 j 02:38	0° \mathbb{B}	
morning set	-11752 Nov 08 j 06:00	18° \mathbb{Q} 33'49		desc. node	-11751 Oct 10 j 11:23	12° \mathbb{B} 33'56	
max. Earth dist.	-11752 Nov 12 j 05:30	25° \mathbb{Q} 59'45	1.36291 AU	morning set	-11751 Oct 21 j 06:30	0° \mathbb{Q} 21'08	
	-11752 Nov 14 j 07:19	0° \mathbb{M}			-11751 Oct 21 j 01:37	0° \mathbb{Q}	
superior conj	-11752 Nov 17 j 16:12	6° \mathbb{M} 40'25	-1°37'20	max. Earth dist.	-11751 Oct 25 j 06:06	7° \mathbb{Q} 24'24	1.38129 AU
minimum elong	-11752 Nov 17 j 16:57	6° \mathbb{M} 44'13	1°37'02	superior conj	-11751 Nov 01 j 01:14	20° \mathbb{Q} 05'31	-1°37'58
evening rise	-11752 Nov 25 j 12:58	22° \mathbb{M} 42'49		minimum elong	-11751 Nov 01 j 00:26	20° \mathbb{Q} 01'43	1°37'30
	-11752 Nov 29 j 04:37	0° \mathbb{Q}			-11751 Nov 06 j 02:47	0° \mathbb{M}	
asc. node	-11752 Dec 02 j 20:46	6° \mathbb{Q} 51'06					

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening rise	-11751 Nov 09 j 14:07	6° \mathbb{M} 53'15		superior conj	-11750 Oct 14 j 18:46	2° \mathbb{Q} 40'14	-1°29'32
asc. node	-11751 Nov 19 j 18:07	25° \mathbb{M} 29'32		minimum elong	-11750 Oct 14 j 16:03	2° \mathbb{Q} 27'49	1°28'46
	-11751 Nov 22 j 21:18	0° \mathbb{L}		evening rise	-11750 Oct 24 j 07:15	20° \mathbb{Q} 35'18	
evening max el	-11751 Nov 26 j 09:20	3° \mathbb{L} 57'55	19°05'28		-11750 Oct 29 j 07:26	0° \mathbb{M}	
retrograde	-11751 Dec 05 j 01:45	8° \mathbb{L} 07'05		asc. node	-11750 Nov 06 j 15:26	13° \mathbb{M} 22'24	
evening set	-11751 Dec 07 j 13:49	7° \mathbb{L} 47'52		evening max el	-11750 Nov 09 j 12:15	16° \mathbb{M} 37'39	18°27'09
inferior conj	-11751 Dec 15 j 14:43	3° \mathbb{L} 30'50	4°11'31	retrograde	-11750 Nov 17 j 03:06	20° \mathbb{M} 23'22	
minimum elong	-11751 Dec 15 j 16:44	3° \mathbb{L} 27'17	4°11'22	evening set	-11750 Nov 19 j 14:30	20° \mathbb{M} 00'46	
min. Earth dist.	-11751 Dec 18 j 13:56	1° \mathbb{L} 27'04	0.57530 AU	inferior conj	-11750 Nov 27 j 02:35	15° \mathbb{M} 23'25	4°14'44
	-11751 Dec 20 j 21:01	30° \mathbb{R} \mathbb{M}		minimum elong	-11750 Nov 27 j 01:08	15° \mathbb{M} 26'21	4°14'51
morning rise	-11751 Dec 23 j 17:36	28° \mathbb{M} 33'48		min. Earth dist.	-11750 Nov 30 j 07:43	12° \mathbb{M} 48'53	0.59285 AU
direct	-11751 Dec 29 j 03:12	27° \mathbb{M} 25'27		morning rise	-11750 Dec 04 j 09:59	10° \mathbb{M} 04'41	
	-11750 Jan 06 j 08:26	0° \mathbb{L}		direct	-11750 Dec 10 j 20:39	8° \mathbb{M} 18'09	
desc. node	-11750 Jan 06 j 12:55	0° \mathbb{L} 06'54		desc. node	-11750 Dec 24 j 09:35	15° \mathbb{M} 09'07	
morning max el	-11750 Jan 12 j 03:46	4° \mathbb{L} 34'08	25°17'13	morning max el	-11750 Dec 24 j 21:51	15° \mathbb{M} 38'07	26°33'50
	-11750 Jan 30 j 09:34	0° \mathbb{M}			-11749 Jan 05 j 15:40	0° \mathbb{L}	
morning set	-11750 Feb 08 j 01:18	16° \mathbb{M} 57'07			-11749 Jan 22 j 13:34	0° \mathbb{M}	
	-11750 Feb 14 j 02:56	0° \mathbb{X}		morning set	-11749 Jan 23 j 12:23	1° \mathbb{M} 58'20	
superior conj	-11750 Feb 15 j 00:38	1° \mathbb{X} 57'56	-0°06'02	superior conj	-11749 Jan 30 j 12:17	17° \mathbb{M} 01'51	-0°28'32
minimum elong	-11750 Feb 15 j 00:54	1° \mathbb{X} 59'26	0°06'34	minimum elong	-11749 Jan 30 j 13:25	17° \mathbb{M} 08'03	0°28'47
behind sun begin	-11750 Feb 14 j 20:17	1° \mathbb{X} 34'19		max. Earth dist.	-11749 Jan 30 j 14:22	17° \mathbb{M} 13'11	1.32788 AU
behind sun end	-11750 Feb 15 j 05:31	2° \mathbb{X} 24'31		asc. node	-11749 Feb 02 j 13:00	23° \mathbb{M} 37'41	
asc. node	-11750 Feb 15 j 15:44	3° \mathbb{X} 19'59			-11749 Feb 05 j 12:32	0° \mathbb{X}	
max. Earth dist.	-11750 Feb 16 j 01:14	4° \mathbb{X} 11'25	1.33051 AU	evening rise	-11749 Feb 06 j 14:33	2° \mathbb{X} 16'10	
evening rise	-11750 Feb 22 j 07:28	17° \mathbb{X} 25'51			-11749 Feb 21 j 19:03	0° \mathbb{Z}	
	-11750 Feb 28 j 18:00	0° \mathbb{Z}		evening max el	-11749 Mar 07 j 23:50	18° \mathbb{Z} 02'34	26°28'32
	-11750 Mar 20 j 05:38	0° \mathbb{Z}		retrograde	-11749 Mar 22 j 03:02	25° \mathbb{Z} 25'29	
evening max el	-11750 Mar 25 j 21:59	6° \mathbb{Z} 11'58	27°13'53	desc. node	-11749 Mar 22 j 10:26	25° \mathbb{Z} 25'14	
desc. node	-11750 Apr 04 j 13:18	12° \mathbb{Z} 52'52		evening set	-11749 Mar 28 j 04:13	23° \mathbb{Z} 51'52	
retrograde	-11750 Apr 08 j 22:19	13° \mathbb{Z} 43'15		min. Earth dist.	-11749 Apr 01 j 13:15	21° \mathbb{Z} 01'24	0.59388 AU
evening set	-11750 Apr 15 j 15:19	11° \mathbb{Z} 35'31		inferior conj	-11749 Apr 04 j 21:25	18° \mathbb{Z} 22'02	-2°52'33
min. Earth dist.	-11750 Apr 19 j 10:37	8° \mathbb{Z} 40'40	0.61381 AU	minimum elong	-11749 Apr 04 j 18:18	18° \mathbb{Z} 28'16	2°52'40
inferior conj	-11750 Apr 22 j 14:50	5° \mathbb{Z} 46'28	-3°21'33	morning rise	-11749 Apr 12 j 11:14	13° \mathbb{Z} 45'38	
minimum elong	-11750 Apr 22 j 13:27	5° \mathbb{Z} 49'39	3°22'01	direct	-11749 Apr 14 j 20:56	13° \mathbb{Z} 24'32	
morning rise	-11750 Apr 29 j 13:29	0° \mathbb{Z} 50'17		morning max el	-11749 Apr 22 j 10:05	17° \mathbb{Z} 03'31	18°22'57
direct	-11750 May 02 j 03:33	0° \mathbb{Z} 21'27		asc. node	-11749 May 01 j 12:13	29° \mathbb{Z} 43'06	
morning max el	-11750 May 08 j 23:18	3° \mathbb{Z} 45'50	18°04'19		-11749 May 01 j 16:07	0° \mathbb{Z}	
asc. node	-11750 May 14 j 15:22	10° \mathbb{Z} 58'01		morning set	-11749 May 08 j 12:44	12° \mathbb{Z} 36'34	
morning set	-11750 May 25 j 06:50	29° \mathbb{Z} 23'02			-11749 May 17 j 19:06	0° \mathbb{H}	
	-11750 May 25 j 14:57	0° \mathbb{H}		superior conj	-11749 May 18 j 03:04	0° \mathbb{H} 36'22	1°45'57
superior conj	-11750 Jun 05 j 03:20	18° \mathbb{H} 48'02	1°49'02	minimum elong	-11749 May 18 j 01:11	0° \mathbb{H} 27'50	1°45'31
minimum elong	-11750 Jun 05 j 04:05	18° \mathbb{H} 51'20	1°48'52	max. Earth dist.	-11749 May 25 j 10:27	13° \mathbb{H} 34'18	1.40333 AU
	-11750 Jun 11 j 17:32	0° \mathbb{Y}		evening rise	-11749 May 30 j 07:27	21° \mathbb{H} 47'53	
max. Earth dist.	-11750 Jun 12 j 07:44	0° \mathbb{Y} 58'55	1.42099 AU		-11749 Jun 04 j 08:49	0° \mathbb{Y}	
evening rise	-11750 Jun 19 j 06:26	12° \mathbb{Y} 14'33		desc. node	-11749 Jun 18 j 07:56	21° \mathbb{Y} 04'08	
	-11750 Jun 30 j 19:09	0° \mathbb{B}			-11749 Jun 24 j 20:09	0° \mathbb{B}	
desc. node	-11750 Jul 01 j 10:27	0° \mathbb{B} 56'58		evening max el	-11749 Jul 03 j 17:15	10° \mathbb{B} 30'46	23°08'36
evening max el	-11750 Jul 21 j 03:29	27° \mathbb{B} 10'25	21°47'49	retrograde	-11749 Jul 13 j 20:40	16° \mathbb{B} 32'03	
	-11750 Jul 24 j 06:38	0° \mathbb{I}		evening set	-11749 Jul 18 j 19:43	14° \mathbb{B} 26'09	
retrograde	-11750 Jul 30 j 03:21	2° \mathbb{I} 29'42		inferior conj	-11749 Jul 24 j 00:53	8° \mathbb{B} 11'37	-1°22'20
evening set	-11750 Aug 03 j 12:10	0° \mathbb{I} 44'59		minimum elong	-11749 Jul 24 j 02:29	8° \mathbb{B} 06'06	1°21'23
	-11750 Aug 04 j 08:33	30° \mathbb{R} \mathbb{B}		min. Earth dist.	-11749 Jul 23 j 20:45	8° \mathbb{B} 25'53	0.67239 AU
inferior conj	-11750 Aug 08 j 18:32	24° \mathbb{B} 33'58	-0°35'52	asc. node	-11749 Jul 28 j 13:12	2° \mathbb{B} 39'33	
minimum elong	-11750 Aug 08 j 19:16	24° \mathbb{B} 31'25	0°35'03	morning rise	-11749 Jul 29 j 09:09	1° \mathbb{B} 56'09	
min. Earth dist.	-11750 Aug 09 j 00:58	24° \mathbb{B} 11'44	0.67131 AU	direct	-11749 Aug 02 j 15:35	0° \mathbb{B} 15'22	
asc. node	-11750 Aug 10 j 16:21	21° \mathbb{B} 58'38		morning max el	-11749 Aug 11 j 15:59	5° \mathbb{B} 39'49	21°44'05
morning rise	-11750 Aug 14 j 02:15	18° \mathbb{B} 13'59			-11749 Aug 29 j 23:16	0° \mathbb{I}	
direct	-11750 Aug 18 j 21:23	16° \mathbb{B} 15'01		morning set	-11749 Sep 12 j 03:28	20° \mathbb{I} 11'27	
morning max el	-11750 Aug 29 j 01:22	22° \mathbb{B} 22'13	23°06'20	desc. node	-11749 Sep 14 j 05:20	23° \mathbb{I} 30'10	
	-11750 Sep 04 j 15:18	0° \mathbb{I}			-11749 Sep 18 j 05:30	0° \mathbb{G}	
	-11750 Sep 25 j 11:27	0° \mathbb{G}		max. Earth dist.	-11749 Sep 19 j 07:52	1° \mathbb{G} 48'32	1.41983 AU
desc. node	-11750 Sep 27 j 08:19	2° \mathbb{G} 57'04		superior conj	-11749 Sep 26 j 15:17	14° \mathbb{G} 10'38	-1°09'45
morning set	-11750 Oct 02 j 06:00	10° \mathbb{G} 53'27		minimum elong	-11749 Sep 26 j 11:06	13° \mathbb{G} 52'32	1°08'40
max. Earth dist.	-11750 Oct 07 j 04:53	19° \mathbb{G} 13'47	1.40114 AU		-11749 Oct 05 j 12:26	0° \mathbb{Q}	
	-11750 Oct 13 j 07:31	0° \mathbb{Q}					

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening rise	-11749 Oct 07 j 12:57	3°Ω41'15		superior conj	-11748 Sep 06 j 09:26	24°Π23'22	-0°37'15
evening max el	-11749 Oct 23 j 21:45	29°Ω40'36	18°08'54	minimum elong	-11748 Sep 06 j 05:58	24°Π09'05	0°36'11
	-11749 Oct 24 j 05:42	0°൬			-11748 Sep 09 j 18:21	0°ᄇ	
asc. node	-11749 Oct 24 j 12:41	0°൬16'20		evening rise	-11748 Sep 19 j 02:44	16°ᄇ00'39	
retrograde	-11749 Oct 30 j 20:27	3°൬14'36			-11748 Sep 27 j 05:51	0°Ω	
evening set	-11749 Nov 02 j 08:52	2°൬46'57		evening max el	-11748 Oct 06 j 10:47	12°Ω59'10	18°09'56
	-11749 Nov 06 j 21:02	30°ᄀΩ		asc. node	-11748 Oct 10 j 09:52	15°Ω55'46	
inferior conj	-11749 Nov 09 j 08:41	27°Ω48'04	3°52'20	retrograde	-11748 Oct 13 j 02:06	16°Ω31'55	
minimum elong	-11749 Nov 09 j 05:17	27°Ω55'54	3°52'10	evening set	-11748 Oct 15 j 17:25	15°Ω57'11	
min. Earth dist.	-11749 Nov 12 j 08:16	25°Ω03'31	0.61142 AU	inferior conj	-11748 Oct 22 j 06:01	10°Ω38'20	3°14'13
morning rise	-11749 Nov 16 j 00:24	22°Ω11'03		minimum elong	-11748 Oct 22 j 02:13	10°Ω48'15	3°13'47
direct	-11749 Nov 23 j 00:03	19°Ω52'24		min. Earth dist.	-11748 Oct 24 j 18:15	8°Ω01'53	0.62865 AU
morning max el	-11749 Dec 06 j 22:05	27°Ω18'51	27°21'16	morning rise	-11748 Oct 28 j 10:06	4°Ω45'40	
	-11749 Dec 09 j 13:03	0°൬		direct	-11748 Nov 04 j 11:17	2°Ω07'43	
desc. node	-11749 Dec 11 j 06:13	1°൬55'07		morning max el	-11748 Nov 18 j 04:07	9°Ω38'41	27°34'18
	-11749 Dec 30 j 03:25	0°ᄇ		desc. node	-11748 Nov 27 j 02:52	19°Ω56'09	
morning set	-11748 Jan 07 j 20:04	16°ᄇ47'49			-11748 Dec 04 j 05:20	0°൬	
max. Earth dist.	-11748 Jan 14 j 03:04	0°ᄀ10'49	1.32864 AU		-11748 Dec 21 j 06:37	0°ᄇ	
	-11748 Jan 14 j 01:04	0°ᄀ		morning set	-11748 Dec 21 j 22:11	1°ᄇ18'08	
				max. Earth dist.	-11748 Dec 27 j 11:48	12°ᄇ52'31	1.33301 AU
superior conj	-11748 Jan 14 j 23:58	2°ᄀ04'35	-0°49'24	superior conj	-11748 Dec 29 j 10:00	17°ᄇ00'16	-1°07'51
minimum elong	-11748 Jan 15 j 01:44	2°ᄀ14'13	0°49'25	minimum elong	-11748 Dec 29 j 12:04	17°ᄇ11'29	1°07'42
asc. node	-11748 Jan 20 j 10:17	13°ᄀ50'55			-11747 Jan 04 j 10:51	0°ᄀ	
evening rise	-11748 Jan 22 j 00:35	17°ᄀ13'35		evening rise	-11747 Jan 05 j 11:51	2°ᄀ11'58	
	-11748 Jan 28 j 10:17	0°ᄁ		asc. node	-11747 Jan 06 j 07:36	3°ᄀ55'11	
evening max el	-11748 Feb 17 j 20:19	29°ᄁ18'04	25°15'36		-11747 Jan 20 j 23:37	0°ᄁ	
	-11748 Feb 18 j 14:21	0°ᄂ		evening max el	-11747 Jan 29 j 13:38	10°ᄁ12'00	23°45'25
retrograde	-11748 Mar 02 j 20:54	6°ᄂ24'27		retrograde	-11747 Feb 12 j 02:09	16°ᄁ50'28	
evening set	-11748 Mar 07 j 22:17	5°ᄂ24'49		evening set	-11747 Feb 16 j 01:50	16°ᄁ15'27	
desc. node	-11748 Mar 08 j 07:26	5°ᄂ15'41		min. Earth dist.	-11747 Feb 23 j 02:34	12°ᄁ55'40	0.56145 AU
min. Earth dist.	-11748 Mar 13 j 09:52	2°ᄂ25'24	0.57538 AU	desc. node	-11747 Feb 23 j 04:20	12°ᄁ53'01	
inferior conj	-11748 Mar 16 j 09:10	0°ᄂ22'41	-1°55'17	inferior conj	-11747 Feb 25 j 01:17	11°ᄁ44'36	-0°28'33
minimum elong	-11748 Mar 16 j 05:40	0°ᄂ28'47	1°55'03	minimum elong	-11747 Feb 25 j 00:07	11°ᄁ46'24	0°28'47
	-11748 Mar 16 j 22:19	30°ᄀᄁ		morning rise	-11747 Mar 06 j 00:54	7°ᄁ39'31	
morning rise	-11748 Mar 24 j 16:15	26°ᄁ04'37		direct	-11747 Mar 08 j 05:11	7°ᄁ27'16	
direct	-11748 Mar 26 j 22:00	25°ᄁ49'19		morning max el	-11747 Mar 18 j 11:01	12°ᄁ17'56	19°59'15
morning max el	-11748 Apr 04 j 14:57	29°ᄁ57'16	19°01'10		-11747 Mar 30 j 18:28	0°ᄂ	
	-11748 Apr 04 j 16:07	0°ᄂ		asc. node	-11747 Apr 04 j 06:06	8°ᄂ39'16	
asc. node	-11748 Apr 17 j 09:07	18°ᄂ59'22		morning set	-11747 Apr 05 j 08:29	10°ᄂ51'37	
morning set	-11748 Apr 21 j 06:26	26°ᄂ29'11					
	-11748 Apr 23 j 01:18	0°ᄃ		superior conj	-11747 Apr 13 j 08:16	27°ᄂ01'58	1°15'38
superior conj	-11748 Apr 29 j 22:24	13°ᄃ25'36	1°33'42	minimum elong	-11747 Apr 13 j 05:20	26°ᄂ47'21	1°14'39
minimum elong	-11748 Apr 29 j 19:27	13°ᄃ11'27	1°32'56		-11747 Apr 14 j 20:10	0°ᄃ	
max. Earth dist.	-11748 May 06 j 10:42	25°ᄃ33'07	1.38462 AU	max. Earth dist.	-11747 Apr 18 j 14:08	7°ᄃ15'51	1.36711 AU
	-11748 May 08 j 22:31	0°ᄄ		evening rise	-11747 Apr 22 j 16:49	14°ᄃ55'08	
evening rise	-11748 May 10 j 12:01	2°ᄄ44'03			-11747 May 01 j 09:39	0°ᄄ	
	-11748 May 27 j 12:56	0°ᄅ		desc. node	-11747 May 22 j 02:49	0°ᄅ02'11	
desc. node	-11748 Jun 04 j 05:24	10°ᄅ48'53			-11747 May 22 j 02:06	0°ᄅ	
evening max el	-11748 Jun 15 j 03:36	23°ᄅ51'25	24°30'33	evening max el	-11747 May 28 j 13:18	7°ᄅ13'34	25°45'22
	-11748 Jun 23 j 15:03	0°ᄆ		retrograde	-11747 Jun 09 j 19:52	14°ᄅ22'59	
retrograde	-11748 Jun 26 j 10:24	0°ᄆ31'16		evening set	-11747 Jun 15 j 23:53	11°ᄅ42'16	
	-11748 Jun 29 j 01:36	30°ᄀᄆ		min. Earth dist.	-11747 Jun 20 j 05:32	6°ᄅ57'51	0.66467 AU
evening set	-11748 Jul 02 j 00:19	28°ᄅ05'38		inferior conj	-11747 Jun 21 j 09:34	5°ᄅ27'20	-2°39'32
min. Earth dist.	-11748 Jul 06 j 15:03	22°ᄅ42'04	0.67029 AU	minimum elong	-11747 Jun 21 j 11:55	5°ᄅ19'45	2°38'56
inferior conj	-11748 Jul 07 j 06:30	21°ᄅ49'54	-2°04'01		-11747 Jun 26 j 08:03	30°ᄀᄆ	
minimum elong	-11748 Jul 07 j 08:40	21°ᄅ42'36	2°03'09	morning rise	-11747 Jun 26 j 24:00	29°ᄆ31'14	
morning rise	-11748 Jul 12 j 16:58	15°ᄅ42'32		direct	-11747 Jun 30 j 10:20	28°ᄆ22'58	
asc. node	-11748 Jul 14 j 10:00	14°ᄅ44'01		asc. node	-11747 Jul 01 j 06:48	28°ᄆ27'01	
direct	-11748 Jul 16 j 12:26	14°ᄅ18'53			-11747 Jul 04 j 18:14	0°ᄆ	
morning max el	-11748 Jul 24 j 12:31	19°ᄅ02'23	20°30'00	morning max el	-11747 Jul 07 j 15:39	2°ᄆ32'08	19°28'28
	-11748 Aug 02 j 05:26	0°ᄆ			-11747 Jul 26 j 21:27	0°ᄆ	
morning set	-11748 Aug 21 j 08:00	28°ᄆ43'43		morning set	-11747 Jul 31 j 14:36	7°ᄆ23'31	
	-11748 Aug 22 j 03:36	0°ᄇ		max. Earth dist.	-11747 Aug 14 j 08:29	29°ᄆ03'04	1.44361 AU
desc. node	-11748 Aug 31 j 02:29	14°ᄇ09'13			-11747 Aug 14 j 22:49	0°ᄇ	
max. Earth dist.	-11748 Aug 31 j 17:37	15°ᄇ10'01	1.43462 AU	superior conj	-11747 Aug 17 j 00:40	3°ᄇ18'27	0°05'45

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

minimum elong	-11747 Aug 17 j 01:25	3° Π 21'25	0°06'14	minimum elong	-11746 Jul 27 j 06:42	11° \mathcal{S} 55'19	0°50'25
behind sun begin	-11747 Aug 16 j 15:01	2° Π 39'55		max. Earth dist.	-11746 Jul 28 j 01:06	13° \mathcal{S} 08'09	1.44574 AU
behind sun end	-11747 Aug 17 j 11:49	4° Π 02'58		desc. node	-11746 Aug 04 j 20:59	25° \mathcal{S} 30'52	
desc. node	-11747 Aug 17 j 23:41	4° Π 50'21			-11746 Aug 07 j 16:58	0° Π	
evening rise	-11747 Aug 31 j 19:03	27° Π 19'08		evening rise	-11746 Aug 12 j 08:55	7° Π 24'15	
	-11747 Sep 02 j 09:52	0° \mathcal{S}			-11746 Aug 26 j 19:43	0° \mathcal{S}	
evening max el	-11747 Sep 20 j 00:19	26° \mathcal{S} 25'41	18°29'15	evening max el	-11746 Sep 03 j 11:33	9° \mathcal{S} 55'31	19°05'47
	-11747 Sep 25 j 14:13	0° \mathcal{Q}		retrograde	-11746 Sep 10 j 10:27	13° \mathcal{S} 52'30	
retrograde	-11747 Sep 26 j 15:54	0° \mathcal{Q} 06'15		evening set	-11746 Sep 13 j 14:11	12° \mathcal{S} 55'17	
asc. node	-11747 Sep 27 j 07:01	0° \mathcal{Q} 04'04		asc. node	-11746 Sep 14 j 04:07	12° \mathcal{S} 32'31	
	-11747 Sep 27 j 17:29	30° \mathcal{R} \mathcal{S}		inferior conj	-11746 Sep 19 j 08:54	7° \mathcal{S} 05'55	1°36'10
evening set	-11747 Sep 29 j 12:16	29° \mathcal{S} 21'51		minimum elong	-11746 Sep 19 j 06:42	7° \mathcal{S} 12'46	1°36'02
inferior conj	-11747 Oct 05 j 15:06	23° \mathcal{S} 46'05	2°27'18	min. Earth dist.	-11746 Sep 20 j 19:46	5° \mathcal{S} 17'23	0.65500 AU
minimum elong	-11747 Oct 05 j 11:52	23° \mathcal{S} 55'25	2°26'53	morning rise	-11746 Sep 24 j 22:48	0° \mathcal{S} 51'22	
min. Earth dist.	-11747 Oct 07 j 14:25	21° \mathcal{S} 29'58	0.64330 AU		-11746 Sep 26 j 01:07	30° \mathcal{R} Π	
morning rise	-11747 Oct 11 j 10:49	17° \mathcal{S} 40'37		direct	-11746 Oct 01 j 06:03	28° Π 12'09	
direct	-11747 Oct 18 j 05:26	14° \mathcal{S} 56'39			-11746 Oct 07 j 00:59	0° \mathcal{S}	
morning max el	-11747 Oct 31 j 13:39	22° \mathcal{S} 28'28	27°13'50	morning max el	-11746 Oct 14 j 00:04	5° \mathcal{S} 35'59	26°25'01
	-11747 Nov 07 j 07:58	0° \mathcal{Q}		desc. node	-11746 Oct 31 j 20:19	28° \mathcal{S} 20'16	
desc. node	-11747 Nov 13 j 23:33	8° \mathcal{Q} 49'34			-11746 Nov 01 j 22:51	0° \mathcal{Q}	
	-11747 Nov 27 j 08:57	0° \mathcal{M}		morning set	-11746 Nov 18 j 21:21	28° \mathcal{Q} 38'36	
morning set	-11747 Dec 05 j 15:50	15° \mathcal{M} 18'46			-11746 Nov 19 j 14:38	0° \mathcal{M}	
max. Earth dist.	-11747 Dec 10 j 12:47	25° \mathcal{M} 06'08	1.34130 AU	max. Earth dist.	-11746 Nov 23 j 03:10	6° \mathcal{M} 47'46	1.35382 AU
	-11747 Dec 12 j 21:13	0° \mathcal{A}					
superior conj	-11747 Dec 13 j 16:26	1° \mathcal{A} 41'13	-1°22'59	superior conj	-11746 Nov 27 j 17:00	16° \mathcal{M} 00'14	-1°33'43
minimum elong	-11747 Dec 13 j 18:25	1° \mathcal{A} 51'43	1°22'47	minimum elong	-11746 Nov 27 j 18:23	16° \mathcal{M} 07'17	1°33'28
evening rise	-11747 Dec 20 j 22:36	17° \mathcal{A} 04'09			-11746 Dec 04 j 10:54	0° \mathcal{A}	
asc. node	-11747 Dec 24 j 04:56	23° \mathcal{A} 44'25		evening rise	-11746 Dec 05 j 07:11	1° \mathcal{A} 44'40	
	-11747 Dec 27 j 10:59	0° \mathcal{M}		asc. node	-11746 Dec 11 j 02:17	13° \mathcal{A} 12'31	
evening max el	-11746 Jan 11 j 08:36	21° \mathcal{M} 06'24	22°11'35		-11746 Dec 22 j 02:53	0° \mathcal{M}	
retrograde	-11746 Jan 23 j 20:33	27° \mathcal{M} 04'20		evening max el	-11746 Dec 24 j 10:41	2° \mathcal{M} 23'48	20°46'10
evening set	-11746 Jan 27 j 00:12	26° \mathcal{M} 42'23		retrograde	-11745 Jan 04 j 11:18	7° \mathcal{M} 34'17	
min. Earth dist.	-11746 Feb 04 j 17:17	22° \mathcal{M} 48'26	0.55478 AU	evening set	-11745 Jan 07 j 04:22	7° \mathcal{M} 16'46	
inferior conj	-11746 Feb 05 j 02:29	22° \mathcal{M} 35'16	1°15'50	inferior conj	-11745 Jan 16 j 00:13	3° \mathcal{M} 17'50	2°51'22
minimum elong	-11746 Feb 05 j 05:40	22° \mathcal{M} 30'43	1°14'19	minimum elong	-11745 Jan 16 j 05:59	3° \mathcal{M} 09'24	2°49'35
desc. node	-11746 Feb 10 j 01:10	19° \mathcal{M} 58'01		min. Earth dist.	-11745 Jan 17 j 07:09	2° \mathcal{M} 32'34	0.55677 AU
morning rise	-11746 Feb 14 j 11:50	18° \mathcal{M} 30'47			-11745 Jan 22 j 04:29	30° \mathcal{R} \mathcal{A}	
direct	-11746 Feb 16 j 22:39	18° \mathcal{M} 17'01		morning rise	-11745 Jan 25 j 06:15	28° \mathcal{A} 58'02	
morning max el	-11746 Feb 28 j 20:09	23° \mathcal{M} 58'45	21°16'07	desc. node	-11745 Jan 27 j 21:59	28° \mathcal{A} 34'45	
	-11746 Mar 06 j 02:32	0° \mathcal{J}		direct	-11745 Jan 28 j 13:56	28° \mathcal{A} 33'45	
morning set	-11746 Mar 20 j 16:08	25° \mathcal{J} 35'13			-11745 Feb 03 j 17:30	0° \mathcal{M}	
asc. node	-11746 Mar 22 j 03:08	28° \mathcal{J} 36'10		morning max el	-11745 Feb 10 j 18:32	5° \mathcal{M} 02'09	22°47'31
	-11746 Mar 22 j 19:15	0° \mathcal{S}			-11745 Feb 27 j 21:05	0° \mathcal{J}	
superior conj	-11746 Mar 28 j 04:29	11° \mathcal{S} 13'01	0°54'10	morning set	-11745 Mar 05 j 03:08	10° \mathcal{J} 32'34	
minimum elong	-11746 Mar 28 j 02:13	11° \mathcal{S} 01'19	0°53'08	asc. node	-11745 Mar 09 j 00:13	18° \mathcal{J} 44'39	
max. Earth dist.	-11746 Apr 01 j 01:43	19° \mathcal{S} 06'57	1.35238 AU	superior conj	-11745 Mar 12 j 07:52	25° \mathcal{J} 48'43	0°31'01
evening rise	-11746 Apr 05 j 16:07	28° \mathcal{S} 04'47		minimum elong	-11745 Mar 12 j 06:33	25° \mathcal{J} 41'46	0°30'06
	-11746 Apr 06 j 16:33	0° \mathcal{A}			-11745 Mar 14 j 07:35	0° \mathcal{S}	
	-11746 Apr 24 j 15:19	0° \mathcal{H}		max. Earth dist.	-11745 Mar 14 j 23:24	1° \mathcal{S} 22'33	1.34117 AU
desc. node	-11746 May 09 j 00:10	18° \mathcal{H} 31'11		evening rise	-11745 Mar 20 j 04:47	11° \mathcal{S} 57'33	
evening max el	-11746 May 10 j 23:42	20° \mathcal{H} 33'15	26°44'28		-11745 Mar 30 j 00:18	0° \mathcal{A}	
retrograde	-11746 May 24 j 00:39	28° \mathcal{H} 00'52			-11745 Apr 19 j 22:04	0° \mathcal{H}	
evening set	-11746 May 30 j 16:04	25° \mathcal{H} 13'34		evening max el	-11745 Apr 23 j 10:26	3° \mathcal{H} 41'38	27°19'56
min. Earth dist.	-11746 Jun 03 j 14:06	21° \mathcal{H} 08'07	0.65517 AU	desc. node	-11745 Apr 25 j 21:32	5° \mathcal{H} 57'17	
inferior conj	-11746 Jun 05 j 08:02	19° \mathcal{H} 01'31	-3°07'07	retrograde	-11745 May 07 j 00:03	11° \mathcal{H} 16'17	
minimum elong	-11746 Jun 05 j 10:05	18° \mathcal{H} 55'18	3°06'56	evening set	-11745 May 13 j 21:59	8° \mathcal{H} 34'20	
morning rise	-11746 Jun 11 j 04:23	13° \mathcal{H} 19'19		min. Earth dist.	-11745 May 17 j 14:55	5° \mathcal{H} 03'45	0.64171 AU
direct	-11746 Jun 14 j 07:22	12° \mathcal{H} 24'23		inferior conj	-11745 May 19 j 23:25	2° \mathcal{H} 27'51	-3°24'23
asc. node	-11746 Jun 18 j 03:36	13° \mathcal{H} 42'38		minimum elong	-11745 May 20 j 00:36	2° \mathcal{H} 24'35	3°24'37
morning max el	-11746 Jun 21 j 00:27	16° \mathcal{H} 08'06	18°42'20		-11745 May 22 j 07:08	30° \mathcal{R} \mathcal{A}	
	-11746 Jul 01 j 03:51	0° \mathcal{Y}		morning rise	-11745 May 26 j 03:54	27° \mathcal{A} 01'50	
morning set	-11746 Jul 11 j 16:18	16° \mathcal{Y} 56'42		direct	-11745 May 29 j 01:06	26° \mathcal{A} 18'15	
	-11746 Jul 19 j 18:47	0° \mathcal{B}		morning max el	-11745 Jun 04 j 12:58	29° \mathcal{A} 46'06	18°13'13
superior conj	-11746 Jul 27 j 01:03	11° \mathcal{B} 32'57	0°50'38		-11745 Jun 04 j 18:27	0° \mathcal{H}	
				asc. node	-11745 Jun 05 j 00:23	0° \mathcal{H} 15'28	
				morning set	-11745 Jun 22 j 19:16	27° \mathcal{H} 39'42	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11745 Jun 24 j 04:26	0°♊		morning set	-11744 Jun 03 j 21:41	9°♊29'43	
superior conj	-11745 Jul 06 j 08:32	20°♊09'31	1°25'52	superior conj	-11744 Jun 15 j 15:32	29°♊55'10	1°45'06
minimum elong	-11745 Jul 06 j 14:43	20°♊34'33	1°25'34	minimum elong	-11744 Jun 15 j 18:25	0°♊07'21	1°44'57
max. Earth dist.	-11745 Jul 10 j 16:28	27°♊07'10	1.44088 AU		-11744 Jun 15 j 16:41	0°♊	
	-11745 Jul 12 j 11:53	0°♊		max. Earth dist.	-11744 Jun 22 j 04:15	10°♊44'46	1.42975 AU
evening rise	-11745 Jul 22 j 20:56	16°♊17'18		evening rise	-11744 Jun 30 j 21:07	24°♊37'30	
desc. node	-11745 Jul 22 j 18:21	16°♊07'16			-11744 Jul 04 j 08:13	0°♊	
	-11745 Jul 31 j 18:19	0°♊		desc. node	-11744 Jul 08 j 15:47	6°♊35'55	
greatest brilliancy	-11745 Aug 04 j 13:29	5°♊45'00	-0.7m		-11744 Jul 24 j 22:31	0°♊	
evening max el	-11745 Aug 17 j 18:03	23°♊24'41	19°58'16	evening max el	-11744 Jul 30 j 18:03	6°♊50'31	21°04'39
retrograde	-11745 Aug 25 j 06:58	27°♊46'41		retrograde	-11744 Aug 08 j 03:24	11°♊46'19	
evening set	-11745 Aug 28 j 20:24	26°♊33'16		evening set	-11744 Aug 12 j 04:42	10°♊13'35	
asc. node	-11745 Sep 01 j 01:09	23°♊29'59		inferior conj	-11744 Aug 17 j 12:42	4°♊06'04	-0°07'25
inferior conj	-11745 Sep 03 j 08:50	20°♊33'27	0°43'53	minimum elong	-11744 Aug 17 j 12:51	4°♊05'34	0°06'46
minimum elong	-11745 Sep 03 j 07:50	20°♊36'46	0°44'09	transit middle	-11744 Aug 17 j 12:51	4°♊05'34	0°06'46
min. Earth dist.	-11745 Sep 04 j 08:09	19°♊16'35	0.66369 AU	transit begin	-11744 Aug 17 j 10:23	4°♊14'01	
morning rise	-11745 Sep 08 j 18:58	14°♊13'48		transit end	-11744 Aug 17 j 15:20	3°♊57'07	
direct	-11745 Sep 14 j 12:31	11°♊47'08		asc. node	-11744 Aug 17 j 22:06	3°♊33'59	
morning max el	-11745 Sep 26 j 09:52	18°♊50'00	25°15'41	min. Earth dist.	-11744 Aug 18 j 01:13	3°♊23'24	0.66941 AU
	-11745 Oct 05 j 22:20	0°♊			-11744 Aug 20 j 16:13	30°♊	
desc. node	-11745 Oct 18 j 17:07	18°♊17'14		morning rise	-11744 Aug 22 j 20:51	27°♊45'19	
	-11745 Oct 26 j 00:16	0°♊		direct	-11744 Aug 28 j 00:05	25°♊35'38	
morning set	-11745 Nov 01 j 10:00	11°♊03'53			-11744 Sep 05 j 15:22	0°♊	
max. Earth dist.	-11745 Nov 05 j 07:11	18°♊09'14	1.37037 AU	morning max el	-11744 Sep 07 j 19:42	2°♊05'03	23°54'44
					-11744 Sep 29 j 00:47	0°♊	
superior conj	-11745 Nov 11 j 08:49	29°♊48'28	-1°38'35	desc. node	-11744 Oct 04 j 13:59	8°♊32'34	
minimum elong	-11745 Nov 11 j 08:59	29°♊49'17	1°38'13	morning set	-11744 Oct 13 j 00:21	22°♊20'12	
	-11745 Nov 11 j 11:09	0°♊			-11744 Oct 17 j 10:27	0°♊	
evening rise	-11745 Nov 19 j 11:41	16°♊07'49		max. Earth dist.	-11744 Oct 17 j 06:02	29°♊40'28	1.38973 AU
	-11745 Nov 26 j 17:11	0°♊					
asc. node	-11745 Nov 27 j 23:38	2°♊11'57		superior conj	-11744 Oct 24 j 11:56	12°♊54'16	-1°35'39
evening max el	-11745 Dec 06 j 22:51	14°♊15'06	19°36'45	minimum elong	-11744 Oct 24 j 10:21	12°♊46'47	1°35'04
retrograde	-11745 Dec 16 j 09:54	18°♊42'52		evening rise	-11744 Nov 02 j 09:47	0°♊07'09	
evening set	-11745 Dec 18 j 23:08	18°♊24'53			-11744 Nov 02 j 08:19	0°♊	
inferior conj	-11745 Dec 27 j 07:28	14°♊17'57	3°53'46	asc. node	-11744 Nov 13 j 20:58	20°♊32'34	
minimum elong	-11745 Dec 27 j 11:36	14°♊11'16	3°53'04	evening max el	-11744 Nov 18 j 20:54	26°♊38'46	18°46'41
min. Earth dist.	-11745 Dec 29 j 20:42	12°♊39'29	0.56679 AU		-11744 Nov 23 j 20:11	0°♊	
morning rise	-11744 Jan 04 j 21:56	9°♊34'49		retrograde	-11744 Nov 27 j 00:59	0°♊36'05	
direct	-11744 Jan 09 j 13:30	8°♊45'58		evening set	-11744 Nov 29 j 12:47	0°♊15'27	
desc. node	-11744 Jan 14 j 18:45	9°♊48'31			-11744 Nov 30 j 08:39	30°♊	
morning max el	-11744 Jan 23 j 10:03	15°♊44'33	24°24'21	inferior conj	-11744 Dec 07 j 08:10	25°♊50'05	4°16'44
	-11744 Feb 03 j 18:15	0°♊		minimum elong	-11744 Dec 07 j 08:36	25°♊49'18	4°16'48
morning set	-11744 Feb 17 j 15:37	25°♊37'23		min. Earth dist.	-11744 Dec 10 j 11:38	23°♊31'02	0.58250 AU
	-11744 Feb 19 j 17:09	0°♊		morning rise	-11744 Dec 15 j 02:30	20°♊43'48	
asc. node	-11744 Feb 23 j 21:22	9°♊00'33		direct	-11744 Dec 21 j 00:20	19°♊19'12	
				desc. node	-11744 Dec 31 j 15:25	23°♊35'58	
superior conj	-11744 Feb 24 j 16:02	10°♊41'25	0°07'26	morning max el	-11743 Jan 04 j 01:24	26°♊32'45	25°52'45
minimum elong	-11744 Feb 24 j 15:45	10°♊39'51	0°06'45		-11743 Jan 07 j 09:00	0°♊	
behind sun begin	-11744 Feb 24 j 11:06	10°♊14'43			-11743 Jan 26 j 20:25	0°♊	
behind sun end	-11744 Feb 24 j 20:24	11°♊04'58		morning set	-11743 Feb 01 j 03:43	10°♊41'53	
max. Earth dist.	-11744 Feb 26 j 05:56	14°♊05'15	1.33348 AU				
evening rise	-11744 Mar 03 j 02:56	26°♊21'12		superior conj	-11743 Feb 08 j 02:55	25°♊42'51	-0°15'44
	-11744 Mar 04 j 22:48	0°♊		minimum elong	-11743 Feb 08 j 03:34	25°♊46'28	0°16'08
	-11744 Mar 22 j 10:38	0°♊		max. Earth dist.	-11743 Feb 08 j 17:51	27°♊04'18	1.32906 AU
evening max el	-11744 Apr 04 j 19:37	16°♊27'53	27°25'33	asc. node	-11743 Feb 09 j 18:35	29°♊18'44	
desc. node	-11744 Apr 11 j 18:48	21°♊55'17			-11743 Feb 10 j 02:12	0°♊	
retrograde	-11744 Apr 18 j 17:03	24°♊01'16		evening rise	-11743 Feb 15 j 07:27	11°♊04'10	
evening set	-11744 Apr 25 j 14:23	21°♊37'52			-11743 Feb 25 j 05:30	0°♊	
min. Earth dist.	-11744 Apr 29 j 06:52	18°♊33'23	0.62478 AU	evening max el	-11743 Mar 18 j 00:39	28°♊40'06	26°58'24
inferior conj	-11744 May 02 j 04:51	15°♊40'58	-3°27'47		-11743 Mar 19 j 11:10	0°♊	
minimum elong	-11744 May 02 j 04:32	15°♊41'45	3°28'16	desc. node	-11743 Mar 29 j 15:58	5°♊52'08	
morning rise	-11744 May 08 j 20:01	10°♊33'06		retrograde	-11743 Apr 01 j 02:20	6°♊07'33	
direct	-11744 May 11 j 12:33	9°♊59'13		evening set	-11743 Apr 07 j 13:55	4°♊13'54	
morning max el	-11744 May 18 j 02:52	13°♊21'35	18°02'09	min. Earth dist.	-11743 Apr 11 j 13:45	1°♊22'43	0.60543 AU
asc. node	-11744 May 21 j 21:11	17°♊50'09			-11743 Apr 13 j 04:39	30°♊	
	-11744 May 29 j 12:23	0°♊		inferior conj	-11743 Apr 14 j 20:47	28°♊32'22	-3°12'22

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

minimum elong	-11743 Apr 14 j 18:36	28° Z 37'06	3°12'44	direct	-11742 Apr 07 j 00:43	6° Z 06'59	
morning rise	-11743 Apr 22 j 01:31	23° Z 44'22		morning max el	-11742 Apr 15 j 00:12	9° Z 55'59	18°36'50
direct	-11743 Apr 24 j 13:53	23° Z 18'51		asc. node	-11742 Apr 25 j 14:53	25° Z 11'37	
morning max el	-11743 May 01 j 15:33	26° Z 47'32	18°09'51		-11742 Apr 28 j 05:29	0° \approx	
	-11743 May 04 j 11:56	0° \approx		morning set	-11742 May 01 j 06:13	5° \approx 46'44	
asc. node	-11743 May 08 j 18:01	6° \approx 12'31					
morning set	-11743 May 17 j 18:53	22° \approx 15'47		superior conj	-11742 May 10 j 10:10	23° \approx 17'01	1°41'39
	-11743 May 21 j 23:16	0° X		minimum elong	-11742 May 10 j 07:39	23° \approx 05'22	1°41'05
					-11742 May 14 j 01:55	0° X	
superior conj	-11743 May 28 j 01:25	11° X 01'01	1°49'05	max. Earth dist.	-11742 May 17 j 11:52	6° X 05'03	1.39532 AU
minimum elong	-11743 May 28 j 00:52	10° X 58'34	1°48'51	evening rise	-11742 May 21 j 20:48	13° X 36'38	
max. Earth dist.	-11743 Jun 04 j 10:39	23° X 46'31	1.41380 AU		-11742 Jun 01 j 00:03	0° Y	
	-11743 Jun 08 j 04:41	0° Y		desc. node	-11742 Jun 12 j 10:42	16° Y 50'49	
evening rise	-11743 Jun 10 j 08:11	3° Y 29'17			-11742 Jun 22 j 16:35	0° Z	
desc. node	-11743 Jun 25 j 13:15	26° Y 52'25		evening max el	-11742 Jun 25 j 22:51	3° Z 31'16	23°43'48
	-11743 Jun 27 j 16:59	0° Z		retrograde	-11742 Jul 06 j 14:09	9° Z 50'09	
evening max el	-11743 Jul 13 j 11:08	20° Z 12'13	22°21'36	evening set	-11742 Jul 11 j 19:35	7° Z 35'12	
retrograde	-11743 Jul 22 j 22:12	25° Z 48'48		min. Earth dist.	-11742 Jul 16 j 15:57	1° Z 50'20	0.67185 AU
evening set	-11743 Jul 27 j 13:04	23° Z 54'52		inferior conj	-11742 Jul 17 j 00:52	1° Z 19'44	-1°40'43
inferior conj	-11743 Aug 01 j 18:39	17° Z 42'10	-0°56'04	minimum elong	-11742 Jul 17 j 02:45	1° Z 13'17	1°39'47
minimum elong	-11743 Aug 01 j 19:47	17° Z 38'15	0°55'11		-11742 Jul 18 j 00:17	30° R Y	
min. Earth dist.	-11743 Aug 01 j 20:36	17° Z 35'27	0.67214 AU	morning rise	-11742 Jul 22 j 09:53	25° Y 07'29	
asc. node	-11743 Aug 04 j 18:59	13° Z 44'17		asc. node	-11742 Jul 22 j 15:49	24° Y 56'24	
morning rise	-11743 Aug 07 j 02:25	11° Z 23'58		direct	-11742 Jul 26 j 11:19	23° Y 34'25	
direct	-11743 Aug 11 j 16:00	9° Z 32'53		morning max el	-11742 Aug 04 j 00:59	28° Y 41'05	21°11'23
morning max el	-11743 Aug 21 j 07:56	15° Z 21'30	22°30'52		-11742 Aug 05 j 06:29	0° Z	
	-11743 Sep 02 j 02:11	0° II			-11742 Aug 26 j 18:36	0° II	
desc. node	-11743 Sep 21 j 10:57	29° II 00'45		morning set	-11742 Sep 03 j 00:58	11° II 13'07	
	-11743 Sep 22 j 01:46	0° III		desc. node	-11742 Sep 08 j 07:59	19° II 36'32	
morning set	-11743 Sep 23 j 12:33	2° III 20'04		max. Earth dist.	-11742 Sep 11 j 12:43	24° II 46'55	1.42666 AU
max. Earth dist.	-11743 Sep 29 j 06:46	11° III 51'01	1.40941 AU		-11742 Sep 14 j 16:49	0° III	
superior conj	-11743 Oct 06 j 21:20	25° III 04'10	-1°22'40	superior conj	-11742 Sep 18 j 07:03	6° III 01'53	-0°57'30
minimum elong	-11743 Oct 06 j 17:51	24° III 48'38	1°21'46	minimum elong	-11742 Sep 18 j 02:47	5° III 43'48	0°56'22
	-11743 Oct 09 j 14:50	0° IV		evening rise	-11742 Sep 29 j 22:08	26° III 23'18	
evening rise	-11743 Oct 16 j 22:35	13° IV 35'48			-11742 Oct 01 j 22:35	0° IV	
	-11743 Oct 26 j 01:33	0° V		evening max el	-11742 Oct 16 j 14:14	22° IV 39'19	18°07'01
asc. node	-11743 Oct 31 j 18:15	8° V 02'29		asc. node	-11742 Oct 18 j 15:29	24° IV 26'30	
evening max el	-11743 Nov 02 j 02:57	9° V 29'30	18°16'53	retrograde	-11742 Oct 23 j 09:00	26° IV 12'01	
retrograde	-11743 Nov 09 j 09:49	13° V 09'08		evening set	-11742 Oct 25 j 22:16	25° IV 41'47	
evening set	-11743 Nov 11 j 21:26	12° V 44'34		inferior conj	-11742 Nov 01 j 17:10	20° IV 34'06	3°37'38
inferior conj	-11743 Nov 19 j 04:09	7° V 57'36	4°07'46	minimum elong	-11742 Nov 01 j 13:27	20° IV 43'11	3°37'20
minimum elong	-11743 Nov 19 j 01:40	8° V 02'55	4°07'47	min. Earth dist.	-11742 Nov 04 j 12:20	17° IV 50'55	0.61896 AU
min. Earth dist.	-11743 Nov 22 j 07:46	5° V 16'36	0.60079 AU	morning rise	-11742 Nov 08 j 03:27	14° IV 49'44	
morning rise	-11743 Nov 26 j 04:22	2° V 30'42		direct	-11742 Nov 15 j 04:45	12° IV 21'11	
direct	-11743 Dec 02 j 21:54	0° V 29'38		morning max el	-11742 Nov 29 j 01:19	19° IV 50'36	27°31'05
morning max el	-11743 Dec 16 j 22:09	7° V 52'04	26°58'05	desc. node	-11742 Dec 05 j 08:43	26° IV 47'24	
desc. node	-11743 Dec 18 j 12:05	9° V 26'39			-11742 Dec 07 j 21:18	0° V	
	-11742 Jan 02 j 18:38	0° VI			-11742 Dec 26 j 12:58	0° VI	
morning set	-11742 Jan 16 j 13:37	25° VI 39'14		morning set	-11742 Dec 31 j 19:16	10° VI 21'41	
	-11742 Jan 18 j 15:13	0° VII		max. Earth dist.	-11741 Jan 06 j 18:51	22° VI 58'44	1.33002 AU
superior conj	-11742 Jan 23 j 14:46	10° VII 46'52	-0°37'38	superior conj	-11741 Jan 08 j 01:58	25° VI 47'14	-0°57'34
minimum elong	-11742 Jan 23 j 16:13	10° VII 54'43	0°37'46	minimum elong	-11741 Jan 08 j 03:55	25° VI 57'48	0°57'31
max. Earth dist.	-11742 Jan 23 j 07:26	10° VII 06'46	1.32785 AU		-11741 Jan 10 j 00:28	0° VII	
asc. node	-11742 Jan 27 j 15:50	19° VII 34'53		asc. node	-11741 Jan 14 j 13:09	9° VII 44'39	
evening rise	-11742 Jan 30 j 16:01	25° VII 58'14		evening rise	-11741 Jan 15 j 02:46	10° VII 56'27	
	-11742 Feb 01 j 14:56	0° VIII			-11741 Jan 24 j 23:58	0° VIII	
	-11742 Feb 19 j 05:04	0° Z		evening max el	-11741 Feb 09 j 18:27	21° VIII 17'27	24°38'30
evening max el	-11742 Feb 27 j 23:57	10° Z 14'01	26°00'11	retrograde	-11741 Feb 23 j 15:38	28° VIII 14'29	
retrograde	-11742 Mar 14 j 02:32	17° Z 31'01		evening set	-11741 Feb 28 j 05:44	27° VIII 26'40	
desc. node	-11742 Mar 16 j 13:03	17° Z 16'17		desc. node	-11741 Mar 03 j 10:01	26° VIII 02'46	
evening set	-11742 Mar 19 j 18:35	16° Z 12'11		min. Earth dist.	-11741 Mar 06 j 07:58	24° VIII 19'51	0.56867 AU
min. Earth dist.	-11742 Mar 24 j 13:11	13° Z 19'40	0.58573 AU	inferior conj	-11741 Mar 08 j 22:52	22° VIII 37'31	-1°21'48
inferior conj	-11742 Mar 27 j 19:36	10° Z 53'22	-2°31'59	minimum elong	-11741 Mar 08 j 19:58	22° VIII 42'16	1°21'36
minimum elong	-11742 Mar 27 j 16:03	11° Z 00'02	2°31'54	morning rise	-11741 Mar 17 j 13:24	18° VIII 26'17	
morning rise	-11742 Apr 04 j 16:39	6° Z 25'26		direct	-11741 Mar 19 j 17:44	18° VIII 12'50	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

morning max el	-11741 Mar 29 j 01:47	22° ♁ 37'30	19°23'31	desc. node	-11740 Feb 18 j 06:56	3° ♁ 10'41	
	-11741 Apr 04 j 02:22	0° ♁			-11740 Feb 25 j 04:00	30° ♁	
asc. node	-11741 Apr 12 j 11:50	14° ♁ 38'52		morning rise	-11740 Feb 26 j 12:40	29° ♁ 41'18	
morning set	-11741 Apr 15 j 03:52	19° ♁ 53'11		direct	-11740 Feb 28 j 18:12	29° ♁ 29'10	
	-11741 Apr 20 j 05:29	0° ♁			-11740 Mar 03 j 05:25	0° ♁	
				morning max el	-11740 Mar 10 j 17:24	4° ♁ 41'52	20°29'45
superior conj	-11741 Apr 23 j 12:19	6° ♁ 28'30	1°26'36		-11740 Mar 27 j 03:50	0° ♁	
minimum elong	-11741 Apr 23 j 09:16	6° ♁ 13'37	1°25'43	morning set	-11740 Mar 29 j 08:38	4° ♁ 25'31	
max. Earth dist.	-11741 Apr 29 j 12:16	17° ♁ 52'16	1.37685 AU	asc. node	-11740 Mar 29 j 08:50	4° ♁ 26'35	
evening rise	-11741 May 03 j 12:23	25° ♁ 06'57					
	-11741 May 06 j 07:32	0° ♁		superior conj	-11740 Apr 06 j 03:03	20° ♁ 20'52	1°06'50
	-11741 May 25 j 13:57	0° ♁		minimum elong	-11740 Apr 06 j 00:21	20° ♁ 07'10	1°05'48
desc. node	-11741 May 30 j 08:09	6° ♁ 23'46			-11740 Apr 10 j 23:43	0° ♁	
evening max el	-11741 Jun 08 j 08:29	16° ♁ 52'13	25°03'46	max. Earth dist.	-11740 Apr 10 j 18:36	29° ♁ 35'09	1.36047 AU
retrograde	-11741 Jun 20 j 02:19	23° ♁ 46'52		evening rise	-11740 Apr 15 j 01:50	7° ♁ 45'25	
evening set	-11741 Jun 25 j 22:19	21° ♁ 14'02			-11740 Apr 28 j 00:42	0° ♁	
min. Earth dist.	-11741 Jun 30 j 09:00	16° ♁ 06'46	0.66830 AU	desc. node	-11740 May 16 j 05:35	25° ♁ 20'13	
inferior conj	-11741 Jul 01 j 05:39	14° ♁ 58'06	-2°19'59		-11740 May 20 j 12:43	0° ♁	
minimum elong	-11741 Jul 01 j 07:57	14° ♁ 50'28	2°19'12	evening max el	-11740 May 20 j 18:36	0° ♁ 14'37	26°12'58
morning rise	-11741 Jul 06 j 17:34	8° ♁ 55'01		retrograde	-11740 Jun 02 j 09:53	7° ♁ 33'06	
asc. node	-11741 Jul 09 j 12:37	7° ♁ 42'18		evening set	-11740 Jun 08 j 19:03	4° ♁ 48'41	
direct	-11741 Jul 10 j 08:49	7° ♁ 38'17		min. Earth dist.	-11740 Jun 12 j 21:21	0° ♁ 20'43	0.66112 AU
morning max el	-11741 Jul 18 j 00:22	12° ♁ 06'42	20°02'02		-11740 Jun 13 j 03:59	30° ♁	
	-11741 Jul 31 j 08:02	0° ♁		inferior conj	-11740 Jun 14 j 07:03	28° ♁ 34'37	-2°52'22
morning set	-11741 Aug 13 j 03:42	19° ♁ 40'49		minimum elong	-11740 Jun 14 j 09:20	28° ♁ 27'24	2°51'55
	-11741 Aug 19 j 17:53	0° ♁		morning rise	-11740 Jun 19 j 23:43	22° ♁ 43'48	
max. Earth dist.	-11741 Aug 25 j 00:14	8° ♁ 20'58	1.43920 AU	direct	-11740 Jun 23 j 06:44	21° ♁ 41'21	
desc. node	-11741 Aug 26 j 05:08	10° ♁ 16'35		asc. node	-11740 Jun 25 j 09:26	22° ♁ 05'51	
				morning max el	-11740 Jun 30 j 06:00	25° ♁ 38'42	19°06'44
superior conj	-11741 Aug 29 j 13:11	15° ♁ 39'20	-0°19'57		-11740 Jul 03 j 22:38	0° ♁	
minimum elong	-11741 Aug 29 j 11:07	15° ♁ 30'56	0°19'03	morning set	-11740 Jul 22 j 16:54	28° ♁ 38'52	
	-11741 Sep 07 j 05:47	0° ♁			-11740 Jul 23 j 13:20	0° ♁	
evening rise	-11741 Sep 12 j 03:26	8° ♁ 17'48		max. Earth dist.	-11740 Aug 06 j 16:00	22° ♁ 20'18	1.44540 AU
	-11741 Sep 25 j 08:36	0° ♁					
evening max el	-11741 Sep 30 j 03:50	6° ♁ 01'36	18°16'03	superior conj	-11740 Aug 07 j 19:50	24° ♁ 10'29	0°25'15
asc. node	-11741 Oct 05 j 12:39	9° ♁ 28'30		minimum elong	-11740 Aug 07 j 22:55	24° ♁ 22'44	0°25'24
retrograde	-11741 Oct 06 j 18:28	9° ♁ 36'36			-11740 Aug 11 j 11:53	0° ♁	
evening set	-11741 Oct 09 j 11:36	8° ♁ 58'13		desc. node	-11740 Aug 12 j 02:23	0° ♁ 57'44	
inferior conj	-11741 Oct 15 j 19:53	3° ♁ 32'06	2°55'03	evening rise	-11740 Aug 23 j 08:52	19° ♁ 05'38	
minimum elong	-11741 Oct 15 j 16:14	3° ♁ 42'03	2°54'36		-11740 Aug 30 j 01:59	0° ♁	
min. Earth dist.	-11741 Oct 18 j 02:48	1° ♁ 02'47	0.63524 AU	evening max el	-11740 Sep 12 j 16:48	19° ♁ 30'24	18°42'52
	-11741 Oct 19 j 03:02	30° ♁		retrograde	-11740 Sep 19 j 10:32	23° ♁ 16'31	
morning rise	-11741 Oct 21 j 20:03	27° ♁ 33'32		asc. node	-11740 Sep 21 j 09:46	22° ♁ 54'42	
direct	-11741 Oct 28 j 19:19	24° ♁ 51'04		evening set	-11740 Sep 22 j 09:49	22° ♁ 26'59	
	-11741 Nov 08 j 17:54	0° ♁		inferior conj	-11740 Sep 28 j 09:00	16° ♁ 45'16	2°05'55
morning max el	-11741 Nov 11 j 09:02	2° ♁ 23'48	27°29'22	minimum elong	-11740 Sep 28 j 06:10	16° ♁ 53'43	2°05'36
desc. node	-11741 Nov 22 j 05:22	15° ♁ 12'37		min. Earth dist.	-11740 Sep 30 j 02:57	14° ♁ 40'13	0.64867 AU
	-11741 Dec 02 j 02:45	0° ♁		morning rise	-11740 Oct 04 j 01:59	10° ♁ 35'46	
morning set	-11741 Dec 15 j 18:11	24° ♁ 40'28		direct	-11740 Oct 10 j 16:22	7° ♁ 52'30	
	-11741 Dec 18 j 09:23	0° ♁		morning max el	-11740 Oct 23 j 18:58	15° ♁ 21'46	26°56'08
max. Earth dist.	-11741 Dec 21 j 00:28	5° ♁ 28'07	1.33597 AU		-11740 Nov 04 j 23:34	0° ♁	
				desc. node	-11740 Nov 08 j 02:05	4° ♁ 23'33	
superior conj	-11741 Dec 23 j 10:44	10° ♁ 37'30	-1°14'44		-11740 Nov 23 j 18:55	0° ♁	
minimum elong	-11741 Dec 23 j 12:50	10° ♁ 48'43	1°14'34	morning set	-11740 Nov 28 j 07:12	8° ♁ 25'27	
evening rise	-11741 Dec 30 j 14:01	25° ♁ 52'37		max. Earth dist.	-11740 Dec 02 j 21:07	17° ♁ 27'53	1.34608 AU
asc. node	-11740 Jan 01 j 10:29	29° ♁ 42'59					
	-11740 Jan 01 j 13:48	0° ♁		superior conj	-11740 Dec 06 j 15:04	25° ♁ 10'43	-1°28'10
	-11740 Jan 20 j 08:38	0° ♁		minimum elong	-11740 Dec 06 j 16:51	25° ♁ 20'06	1°27'56
evening max el	-11740 Jan 22 j 11:56	2° ♁ 09'08	23°05'16		-11740 Dec 08 j 22:10	0° ♁	
retrograde	-11740 Feb 04 j 15:56	8° ♁ 31'38		evening rise	-11740 Dec 14 j 00:06	10° ♁ 41'03	
evening set	-11740 Feb 08 j 05:44	8° ♁ 03'45		asc. node	-11740 Dec 18 j 07:50	19° ♁ 24'22	
min. Earth dist.	-11740 Feb 16 j 00:03	4° ♁ 31'13	0.55755 AU		-11740 Dec 24 j 05:08	0° ♁	
inferior conj	-11740 Feb 17 j 07:43	3° ♁ 44'40	0°14'54	evening max el	-11739 Jan 03 j 09:37	13° ♁ 12'16	21°33'45
minimum elong	-11740 Feb 17 j 08:19	3° ♁ 43'47	0°14'07	retrograde	-11739 Jan 15 j 07:04	18° ♁ 49'29	
transit middle	-11740 Feb 17 j 08:19	3° ♁ 43'47	0°14'07	evening set	-11739 Jan 18 j 05:20	18° ♁ 30'09	
transit begin	-11740 Feb 17 j 06:30	3° ♁ 46'27		inferior conj	-11739 Jan 27 j 05:52	14° ♁ 29'02	1°59'06
transit end	-11740 Feb 17 j 10:08	3° ♁ 41'07		minimum elong	-11739 Jan 27 j 10:37	14° ♁ 22'16	1°57'15

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

min. Earth dist.	-11739 Jan 27 j 14:17	14° \mathbb{M} 17'03	0.55461 AU	min. Earth dist.	-11738 Jan 09 j 03:30	24° \mathbb{A} 06'57	0.56018 AU
desc. node	-11739 Feb 04 j 03:47	10° \mathbb{M} 42'20		morning rise	-11738 Jan 16 j 06:46	20° \mathbb{A} 46'34	
morning rise	-11739 Feb 05 j 15:35	10° \mathbb{M} 19'47		direct	-11738 Jan 20 j 03:15	20° \mathbb{A} 13'50	
direct	-11739 Feb 08 j 09:46	10° \mathbb{M} 02'48		desc. node	-11738 Jan 22 j 00:33	20° \mathbb{A} 21'56	
morning max el	-11739 Feb 20 j 21:39	16° \mathbb{M} 05'32	21°53'29	morning max el	-11738 Feb 02 j 16:22	26° \mathbb{A} 56'28	23°28'49
	-11739 Mar 03 j 13:03	0° \mathbb{A}			-11738 Feb 05 j 14:46	0° \mathbb{M}	
morning set	-11739 Mar 13 j 18:00	19° \mathbb{A} 16'06			-11738 Feb 24 j 04:01	0° \mathbb{A}	
asc. node	-11739 Mar 16 j 05:55	24° \mathbb{A} 29'04		morning set	-11738 Feb 26 j 05:52	4° \mathbb{A} 17'25	
	-11739 Mar 18 j 20:42	0° \mathbb{B}		asc. node	-11738 Mar 03 j 03:02	14° \mathbb{A} 41'05	
superior conj	-11739 Mar 21 j 02:40	4° \mathbb{B} 43'23	0°44'29	superior conj	-11738 Mar 05 j 08:22	19° \mathbb{A} 26'57	0°21'00
minimum elong	-11739 Mar 21 j 00:47	4° \mathbb{B} 33'32	0°43'29	minimum elong	-11738 Mar 05 j 07:29	19° \mathbb{A} 22'15	0°20'11
max. Earth dist.	-11739 Mar 24 j 10:52	11° \mathbb{B} 37'16	1.34727 AU	max. Earth dist.	-11738 Mar 07 j 12:47	24° \mathbb{A} 05'26	1.33751 AU
evening rise	-11739 Mar 29 j 07:26	21° \mathbb{B} 15'18			-11738 Mar 10 j 08:51	0° \mathbb{B}	
	-11739 Apr 02 j 23:36	0° \mathbb{A}		evening rise	-11738 Mar 13 j 00:32	5° \mathbb{B} 22'05	
	-11739 Apr 21 j 20:31	0° \mathbb{H}			-11738 Mar 26 j 15:52	0° \mathbb{A}	
evening max el	-11739 May 03 j 05:33	13° \mathbb{H} 31'24	27°02'48	evening max el	-11738 Apr 15 j 15:48	26° \mathbb{A} 31'20	27°26'06
desc. node	-11739 May 03 j 02:58	13° \mathbb{H} 25'05			-11738 Apr 19 j 15:11	0° \mathbb{H}	
retrograde	-11739 May 16 j 12:14	21° \mathbb{H} 02'08		desc. node	-11738 Apr 20 j 00:18	0° \mathbb{H} 17'17	
evening set	-11739 May 23 j 07:14	18° \mathbb{H} 15'45		retrograde	-11738 Apr 29 j 08:54	4° \mathbb{H} 05'56	
min. Earth dist.	-11739 May 27 j 02:49	14° \mathbb{H} 25'48	0.65000 AU	evening set	-11738 May 06 j 07:50	1° \mathbb{H} 30'00	
inferior conj	-11739 May 29 j 02:51	12° \mathbb{H} 05'57	-3°15'53		-11738 May 08 j 03:15	30° \mathbb{R} \mathbb{A}	
minimum elong	-11739 May 29 j 04:36	12° \mathbb{H} 00'49	3°15'53	min. Earth dist.	-11738 May 09 j 23:45	28° \mathbb{A} 12'12	0.63496 AU
morning rise	-11739 Jun 04 j 02:21	6° \mathbb{H} 30'13		inferior conj	-11738 May 12 j 14:23	25° \mathbb{A} 27'17	-3°27'46
direct	-11739 Jun 07 j 02:49	5° \mathbb{H} 40'10		minimum elong	-11738 May 12 j 15:00	25° \mathbb{A} 25'39	3°28'09
asc. node	-11739 Jun 12 j 06:14	7° \mathbb{H} 56'02		morning rise	-11738 May 18 j 23:06	20° \mathbb{A} 09'01	
morning max el	-11739 Jun 13 j 16:36	9° \mathbb{H} 15'34	18°27'44	direct	-11738 May 21 j 18:18	19° \mathbb{A} 29'41	
	-11739 Jun 27 j 22:56	0° \mathbb{Y}		morning max el	-11738 May 28 j 06:05	22° \mathbb{A} 53'29	18°06'17
morning set	-11739 Jul 03 j 05:15	8° \mathbb{Y} 41'24		asc. node	-11738 May 30 j 03:02	24° \mathbb{A} 57'04	
	-11739 Jul 16 j 07:52	0° \mathbb{B}			-11738 Jun 02 j 20:16	0° \mathbb{H}	
superior conj	-11739 Jul 17 j 20:23	2° \mathbb{B} 25'45	1°07'21	morning set	-11738 Jun 14 j 18:42	19° \mathbb{H} 54'09	
minimum elong	-11739 Jul 18 j 02:56	2° \mathbb{B} 51'50	1°07'02		-11738 Jun 20 j 15:58	0° \mathbb{Y}	
max. Earth dist.	-11739 Jul 20 j 09:01	6° \mathbb{B} 26'46	1.44456 AU	superior conj	-11738 Jun 27 j 12:44	11° \mathbb{Y} 28'32	1°36'05
desc. node	-11739 Jul 29 j 23:43	21° \mathbb{B} 36'43		minimum elong	-11738 Jun 27 j 17:46	11° \mathbb{Y} 49'10	1°35'51
evening rise	-11739 Aug 03 j 11:02	28° \mathbb{B} 38'06		max. Earth dist.	-11738 Jul 02 j 23:32	20° \mathbb{Y} 20'09	1.43684 AU
	-11739 Aug 04 j 07:55	0° \mathbb{II}			-11738 Jul 09 j 01:25	0° \mathbb{B}	
greatest brilliancy	-11739 Aug 13 j 05:46	13° \mathbb{II} 54'11	-0.8m	evening rise	-11738 Jul 13 j 15:35	7° \mathbb{B} 10'31	
	-11739 Aug 24 j 10:49	0° \mathbb{B}		desc. node	-11738 Jul 16 j 21:08	12° \mathbb{B} 10'26	
evening max el	-11739 Aug 27 j 02:19	3° \mathbb{B} 00'10	19°26'18		-11738 Jul 28 j 16:32	0° \mathbb{II}	
retrograde	-11739 Sep 03 j 06:11	7° \mathbb{B} 06'26		evening max el	-11738 Aug 10 j 06:07	16° \mathbb{II} 27'46	20°24'53
evening set	-11739 Sep 06 j 13:52	6° \mathbb{B} 02'32		retrograde	-11738 Aug 18 j 03:00	21° \mathbb{II} 03'28	
asc. node	-11739 Sep 08 j 06:51	4° \mathbb{B} 41'34		evening set	-11738 Aug 21 j 21:15	19° \mathbb{II} 42'02	
inferior conj	-11739 Sep 12 j 05:40	0° \mathbb{B} 08'13	1°13'59	asc. node	-11738 Aug 26 j 03:50	15° \mathbb{II} 10'18	
minimum elong	-11739 Sep 12 j 03:58	0° \mathbb{B} 13'38	1°14'00	inferior conj	-11738 Aug 27 j 07:32	13° \mathbb{II} 38'19	0°21'54
	-11739 Sep 12 j 08:14	30° \mathbb{R} \mathbb{II}		minimum elong	-11738 Aug 27 j 07:02	13° \mathbb{II} 40'00	0°22'20
min. Earth dist.	-11739 Sep 13 j 11:24	28° \mathbb{II} 33'07	0.65906 AU	min. Earth dist.	-11738 Aug 28 j 02:06	12° \mathbb{II} 35'59	0.66645 AU
morning rise	-11739 Sep 17 j 17:45	23° \mathbb{II} 51'15		morning rise	-11738 Sep 01 j 16:36	7° \mathbb{II} 17'38	
direct	-11739 Sep 23 j 19:20	21° \mathbb{II} 16'54		direct	-11738 Sep 07 j 03:54	4° \mathbb{II} 58'07	
morning max el	-11739 Oct 06 j 05:11	28° \mathbb{II} 32'44	25°57'39	morning max el	-11738 Sep 18 j 15:02	11° \mathbb{II} 48'18	24°42'12
	-11739 Oct 07 j 15:11	0° \mathbb{B}			-11738 Oct 03 j 06:19	0° \mathbb{B}	
desc. node	-11739 Oct 25 j 22:49	24° \mathbb{B} 06'09		desc. node	-11738 Oct 12 j 19:38	14° \mathbb{B} 11'33	
	-11739 Oct 29 j 18:03	0° \mathbb{Q}			-11738 Oct 22 j 11:39	0° \mathbb{Q}	
morning set	-11739 Nov 11 j 06:07	21° \mathbb{Q} 23'08		morning set	-11738 Oct 24 j 09:55	3° \mathbb{Q} 20'20	
max. Earth dist.	-11739 Nov 15 j 07:04	28° \mathbb{Q} 59'16	1.36043 AU	max. Earth dist.	-11738 Oct 28 j 08:18	10° \mathbb{Q} 21'26	1.37840 AU
	-11739 Nov 15 j 19:40	0° \mathbb{M}					
superior conj	-11739 Nov 20 j 12:17	9° \mathbb{M} 17'21	-1°36'37	superior conj	-11738 Nov 03 j 23:09	22° \mathbb{Q} 48'13	-1°38'26
minimum elong	-11739 Nov 20 j 13:13	9° \mathbb{M} 22'06	1°36'19	minimum elong	-11738 Nov 03 j 22:38	22° \mathbb{Q} 45'41	1°37'59
evening rise	-11739 Nov 28 j 07:11	25° \mathbb{M} 14'44			-11738 Nov 07 j 15:11	0° \mathbb{M}	
	-11739 Nov 30 j 15:45	0° \mathbb{A}		evening rise	-11738 Nov 12 j 09:15	9° \mathbb{M} 28'05	
asc. node	-11739 Dec 05 j 05:10	8° \mathbb{A} 41'06		asc. node	-11738 Nov 22 j 02:30	27° \mathbb{M} 24'54	
	-11739 Dec 05 j 05:10	8° \mathbb{A} 41'06			-11738 Nov 23 j 18:50	0° \mathbb{A}	
evening max el	-11739 Dec 16 j 15:41	24° \mathbb{A} 42'33	20°14'22	evening max el	-11738 Nov 29 j 08:01	6° \mathbb{A} 46'52	19°12'55
retrograde	-11739 Dec 26 j 23:51	29° \mathbb{A} 33'59		retrograde	-11738 Dec 08 j 05:05	11° \mathbb{A} 00'32	
evening set	-11739 Dec 29 j 14:54	29° \mathbb{A} 16'32		evening set	-11738 Dec 10 j 17:19	10° \mathbb{A} 41'44	
inferior conj	-11738 Jan 07 j 06:09	25° \mathbb{A} 15'30	3°22'41	inferior conj	-11738 Dec 18 j 20:10	6° \mathbb{A} 27'38	4°08'07
minimum elong	-11738 Jan 07 j 11:41	25° \mathbb{A} 07'05	3°21'18	minimum elong	-11738 Dec 18 j 22:47	6° \mathbb{A} 23'09	4°07'51

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

min. Earth dist.	-11738 Dec 21 j 17:22	4° Ω 29'48	0.57291 AU	minimum elong	-11737 Nov 30 j 04:08	18° Π 17'00	4°16'19
morning rise	-11738 Dec 27 j 02:06	1° Ω 33'57		min. Earth dist.	-11737 Dec 03 j 10:20	15° Π 43'44	0.59010 AU
direct	-11737 Jan 01 j 07:08	0° Ω 30'57		morning rise	-11737 Dec 07 j 15:16	12° Π 59'25	
desc. node	-11737 Jan 08 j 21:14	2° Ω 42'50		direct	-11737 Dec 13 j 23:06	11° Π 18'20	
morning max el	-11737 Jan 15 j 07:07	7° Ω 37'46	25°04'00	desc. node	-11737 Dec 26 j 17:53	17° Π 26'37	
	-11737 Jan 31 j 17:38	0° Π		morning max el	-11737 Dec 28 j 00:18	18° Π 36'55	26°24'05
morning set	-11737 Feb 10 j 18:22	19° Π 22'28			-11736 Jan 06 j 15:28	0° Ω	
	-11737 Feb 15 j 17:18	0° Σ			-11736 Jan 24 j 02:23	0° Π	
				morning set	-11736 Jan 26 j 05:45	4° Π 24'48	
superior conj	-11737 Feb 17 j 17:52	4° Σ 23'48	-0°02'32	superior conj	-11736 Feb 02 j 05:23	19° Π 27'27	-0°25'13
minimum elong	-11737 Feb 17 j 18:00	4° Σ 24'30	0°03'05	minimum elong	-11736 Feb 02 j 06:24	19° Π 33'00	0°25'30
behind sun begin	-11737 Feb 17 j 13:01	3° Σ 57'27		max. Earth dist.	-11736 Feb 02 j 10:44	19° Π 56'38	1.32806 AU
behind sun end	-11737 Feb 17 j 22:59	4° Σ 51'30		asc. node	-11736 Feb 04 j 21:25	25° Π 16'06	
asc. node	-11737 Feb 18 j 00:12	4° Σ 58'07			-11736 Feb 07 j 02:16	0° Σ	
max. Earth dist.	-11737 Feb 18 j 21:50	6° Σ 55'12	1.33114 AU	evening rise	-11736 Feb 09 j 08:08	4° Σ 43'13	
evening rise	-11737 Feb 25 j 01:38	19° Σ 54'20			-11736 Feb 22 j 23:42	0° Σ	
	-11737 Mar 02 j 04:50	0° Σ		evening max el	-11736 Mar 10 j 01:59	20° Σ 59'36	26°37'16
	-11737 Mar 21 j 00:05	0° \approx		desc. node	-11736 Mar 23 j 18:39	28° Σ 23'21	
evening max el	-11737 Mar 28 j 23:14	9° \approx 03'02	27°18'00	retrograde	-11736 Mar 24 j 05:01	28° Σ 23'50	
desc. node	-11737 Apr 06 j 21:33	15° \approx 27'49		evening set	-11736 Mar 30 j 09:08	26° Σ 45'03	
retrograde	-11737 Apr 11 j 23:03	16° \approx 35'19		min. Earth dist.	-11736 Apr 03 j 15:26	23° Σ 54'46	0.59687 AU
evening set	-11737 Apr 18 j 17:27	14° \approx 23'07		inferior conj	-11736 Apr 06 j 23:36	21° Σ 11'53	-2°58'45
min. Earth dist.	-11737 Apr 22 j 11:41	11° \approx 26'15	0.61671 AU	minimum elong	-11736 Apr 06 j 20:43	21° Σ 17'48	2°58'55
inferior conj	-11737 Apr 25 j 14:29	8° \approx 31'44	-3°23'55	morning rise	-11736 Apr 14 j 10:59	16° Σ 32'22	
minimum elong	-11737 Apr 25 j 13:24	8° \approx 34'18	3°24'24	direct	-11736 Apr 16 j 21:22	16° Σ 10'10	
morning rise	-11737 May 02 j 11:07	3° \approx 32'31		morning max el	-11736 Apr 24 j 07:13	19° Σ 46'06	18°18'52
direct	-11737 May 05 j 01:45	3° \approx 02'29			-11736 May 01 j 22:28	0° \approx	
morning max el	-11737 May 11 j 19:52	6° \approx 26'03	18°03'06	asc. node	-11736 May 02 j 20:43	1° \approx 33'03	
asc. node	-11737 May 16 j 23:50	12° \approx 53'24		morning set	-11736 May 10 j 09:27	15° \approx 15'43	
	-11737 May 27 j 01:09	0° X			-11736 May 18 j 06:28	0° X	
morning set	-11737 May 28 j 05:39	2° X 08'53					
superior conj	-11737 Jun 08 j 07:24	21° X 48'50	1°48'28	superior conj	-11736 May 20 j 03:43	3° X 26'27	1°47'06
minimum elong	-11737 Jun 08 j 08:42	21° X 54'23	1°48'18	minimum elong	-11736 May 20 j 02:08	3° X 19'18	1°46'43
	-11737 Jun 13 j 03:10	0° Υ		max. Earth dist.	-11736 May 27 j 12:15	16° X 24'02	1.40615 AU
max. Earth dist.	-11737 Jun 15 j 08:42	3° Υ 42'07	1.42338 AU	evening rise	-11736 Jun 01 j 14:44	24° X 57'18	
evening rise	-11737 Jun 22 j 17:36	15° Υ 35'40			-11736 Jun 04 j 17:18	0° Υ	
	-11737 Jul 02 j 01:30	0° B		desc. node	-11736 Jun 19 j 16:04	22° Υ 43'52	
desc. node	-11737 Jul 03 j 18:36	2° B 34'24			-11736 Jun 24 j 20:55	0° B	
evening max el	-11737 Jul 24 j 02:58	29° B 51'03	21°36'20	evening max el	-11736 Jul 05 j 17:33	13° B 11'30	22°56'21
	-11737 Jul 24 j 06:31	0° Π		retrograde	-11736 Jul 15 j 16:40	19° B 06'13	
retrograde	-11737 Aug 01 j 23:01	5° Π 04'11		evening set	-11736 Jul 20 j 13:35	17° B 03'27	
evening set	-11737 Aug 06 j 05:47	3° Π 22'44		inferior conj	-11736 Jul 25 j 18:48	10° B 49'26	-1°15'36
	-11737 Aug 09 j 10:32	30° R B		minimum elong	-11736 Jul 25 j 20:17	10° B 44'18	1°14'39
inferior conj	-11737 Aug 11 j 12:30	27° B 12'32	-0°28'28	min. Earth dist.	-11736 Jul 25 j 16:17	10° B 58'06	0.67245 AU
minimum elong	-11737 Aug 11 j 13:06	27° B 10'30	0°27'42	asc. node	-11736 Jul 29 j 21:37	5° B 39'44	
min. Earth dist.	-11737 Aug 11 j 20:32	26° B 44'52	0.67092 AU	morning rise	-11736 Jul 31 j 02:53	4° B 33'09	
asc. node	-11737 Aug 13 j 00:44	25° B 09'00		direct	-11736 Aug 04 j 11:09	2° B 49'38	
morning rise	-11737 Aug 16 j 20:16	20° B 52'08		morning max el	-11736 Aug 13 j 15:24	8° B 20'10	21°55'57
direct	-11737 Aug 21 j 17:29	18° B 50'17			-11736 Aug 30 j 04:30	0° Π	
morning max el	-11737 Sep 01 j 01:34	25° B 03'36	23°18'49	morning set	-11736 Sep 14 j 14:24	23° Π 31'58	
	-11737 Sep 05 j 11:37	0° Π		desc. node	-11736 Sep 15 j 13:33	25° Π 04'22	
	-11737 Sep 26 j 19:02	0° E			-11736 Sep 18 j 14:43	0° E	
desc. node	-11737 Sep 29 j 16:34	4° E 32'43		max. Earth dist.	-11736 Sep 21 j 08:57	4° E 32'35	1.41722 AU
morning set	-11737 Oct 05 j 13:22	14° E 04'11					
max. Earth dist.	-11737 Oct 10 j 06:40	22° E 04'22	1.39819 AU	superior conj	-11736 Sep 28 j 19:23	17° E 12'30	-1°13'33
	-11737 Oct 14 j 18:32	0° Ω		minimum elong	-11736 Sep 28 j 15:20	16° E 54'49	1°12'32
					-11736 Oct 05 j 23:03	0° Ω	
superior conj	-11737 Oct 17 j 19:21	5° Ω 31'28	-1°31'31	evening rise	-11736 Oct 09 j 11:24	6° Ω 26'42	
minimum elong	-11737 Oct 17 j 16:56	5° Ω 20'19	1°30'48		-11736 Oct 23 j 15:19	0° Π	
evening rise	-11737 Oct 27 j 03:45	23° Ω 14'45		asc. node	-11736 Oct 25 j 21:01	2° Π 29'13	
	-11737 Oct 30 j 16:58	0° Π		evening max el	-11736 Oct 25 j 18:30	2° Π 23'00	18°10'23
asc. node	-11737 Nov 08 j 23:46	15° Π 25'22		retrograde	-11736 Nov 01 j 18:58	5° Π 58'03	
evening max el	-11737 Nov 12 j 09:47	19° Π 22'56	18°31'35	evening set	-11736 Nov 04 j 07:10	5° Π 31'12	
retrograde	-11737 Nov 20 j 03:43	23° Π 11'06		inferior conj	-11736 Nov 11 j 08:43	0° Π 35'18	3°56'57
evening set	-11737 Nov 22 j 15:11	22° Π 49'04		minimum elong	-11736 Nov 11 j 05:30	0° Π 42'35	3°56'50
inferior conj	-11737 Nov 30 j 05:09	18° Π 15'00	4°16'11		-11736 Nov 12 j 00:13	30° R Ω	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

min. Earth dist.	-11736 Nov 14 j 09:34	27° Ω 51'09	0.60869 AU	inferior conj	-11735 Oct 25 j 04:03	13° Ω 22'14	3°20'41
morning rise	-11736 Nov 18 j 02:31	25° Ω 00'58		minimum elong	-11735 Oct 25 j 00:14	13° Ω 32'02	3°20'17
direct	-11736 Nov 25 j 01:00	22° Ω 46'31		min. Earth dist.	-11735 Oct 27 j 18:05	10° Ω 43'42	0.62621 AU
	-11736 Dec 08 j 18:41	0° Π		morning rise	-11735 Oct 31 j 09:38	7° Ω 31'35	
morning max el	-11736 Dec 08 j 23:33	0° Π 11'40	27°16'24	direct	-11735 Nov 07 j 11:04	4° Ω 55'47	
desc. node	-11736 Dec 12 j 14:32	3° Π 59'01		morning max el	-11735 Nov 21 j 05:01	12° Ω 26'19	27°34'34
	-11736 Dec 30 j 12:26	0° Ω		desc. node	-11735 Nov 29 j 11:11	21° Ω 50'03	
morning set	-11735 Jan 09 j 14:05	19° Ω 16'24			-11735 Dec 05 j 08:57	0° Π	
	-11735 Jan 14 j 15:25	0° Π			-11735 Dec 22 j 19:10	0° Ω	
max. Earth dist.	-11735 Jan 15 j 23:49	2° Π 56'02	1.32833 AU	morning set	-11735 Dec 24 j 17:12	3° Ω 49'46	
				max. Earth dist.	-11735 Dec 30 j 09:26	15° Ω 40'45	1.33214 AU
superior conj	-11735 Jan 16 j 17:09	4° Π 30'33	-0°46'22				
minimum elong	-11735 Jan 16 j 18:51	4° Π 39'46	0°46'26	superior conj	-11734 Jan 01 j 03:32	19° Ω 27'10	-1°05'14
asc. node	-11735 Jan 21 j 18:40	15° Π 30'00		minimum elong	-11734 Jan 01 j 05:35	19° Ω 38'18	1°05'08
evening rise	-11735 Jan 23 j 17:51	19° Π 39'57			-11734 Jan 06 j 00:40	0° Π	
	-11735 Jan 28 j 20:53	0° Σ		evening rise	-11734 Jan 08 j 05:02	4° Π 38'05	
	-11735 Feb 17 j 16:05	0° Σ		asc. node	-11734 Jan 08 j 15:58	5° Π 35'21	
evening max el	-11735 Feb 19 j 23:12	2° Σ 19'31	25°27'48		-11734 Jan 22 j 00:17	0° Σ	
retrograde	-11735 Mar 06 j 00:26	9° Σ 28'43		evening max el	-11734 Feb 01 j 16:36	13° Σ 14'24	23°59'19
desc. node	-11735 Mar 10 j 15:40	8° Σ 37'51		retrograde	-11734 Feb 15 j 07:41	19° Σ 58'11	
evening set	-11735 Mar 11 j 05:48	8° Σ 24'21		evening set	-11734 Feb 19 j 11:01	19° Σ 20'11	
min. Earth dist.	-11735 Mar 16 j 12:37	5° Σ 27'09	0.57797 AU	desc. node	-11734 Feb 25 j 12:39	16° Σ 29'43	
inferior conj	-11735 Mar 19 j 14:16	3° Σ 17'50	-2°06'00	min. Earth dist.	-11734 Feb 26 j 05:40	16° Σ 04'09	0.56311 AU
minimum elong	-11735 Mar 19 j 10:40	3° Σ 24'14	2°05'46	inferior conj	-11734 Feb 28 j 09:08	14° Σ 44'41	-0°43'13
	-11735 Mar 24 j 21:26	30° Σ		minimum elong	-11734 Feb 28 j 07:24	14° Σ 47'21	0°43'20
morning rise	-11735 Mar 27 j 18:43	28° Σ 57'17		morning rise	-11734 Mar 09 j 06:33	10° Σ 38'29	
direct	-11735 Mar 30 j 01:07	28° Σ 41'11		direct	-11734 Mar 11 j 10:41	10° Σ 26'02	
	-11735 Apr 03 j 21:41	0° Σ		morning max el	-11734 Mar 21 j 10:40	15° Σ 09'27	19°49'27
morning max el	-11735 Apr 07 j 13:07	2° Σ 43'40	18°54'14		-11734 Apr 01 j 03:03	0° Σ	
asc. node	-11735 Apr 19 j 17:37	20° Σ 45'04		asc. node	-11734 Apr 06 j 14:34	10° Σ 21'24	
morning set	-11735 Apr 24 j 01:39	29° Σ 03'08		morning set	-11734 Apr 08 j 02:38	13° Σ 21'18	
	-11735 Apr 24 j 13:17	0° \approx					
superior conj	-11735 May 02 j 20:30	16° \approx 07'36	1°36'00	superior conj	-11734 Apr 16 j 04:30	29° Σ 37'38	1°18'39
minimum elong	-11735 May 02 j 17:38	15° \approx 53'56	1°35'17	minimum elong	-11734 Apr 16 j 01:31	29° Σ 22'50	1°17'41
max. Earth dist.	-11735 May 09 j 12:48	28° \approx 28'19	1.38739 AU		-11734 Apr 16 j 09:01	0° \approx	
	-11735 May 10 j 09:20	0° X		max. Earth dist.	-11734 Apr 21 j 15:15	10° \approx 11'05	1.36952 AU
evening rise	-11735 May 13 j 15:16	5° X 41'06		evening rise	-11734 Apr 25 j 16:47	17° \approx 41'38	
	-11735 May 28 j 18:31	0° Υ			-11734 May 02 j 18:39	0° X	
desc. node	-11735 Jun 06 j 13:30	12° Υ 32'33			-11734 May 22 j 23:38	0° Υ	
evening max el	-11735 Jun 18 j 04:14	26° Υ 32'07	24°18'34	desc. node	-11734 May 24 j 10:58	1° Υ 51'27	
	-11735 Jun 22 j 01:14	0° B		evening max el	-11734 May 31 j 13:46	9° Υ 53'41	25°35'01
retrograde	-11735 Jun 29 j 06:59	3° B 06'32		retrograde	-11734 Jun 12 j 17:12	16° Υ 59'50	
evening set	-11735 Jul 04 j 18:46	0° B 43'30		evening set	-11734 Jun 18 j 19:15	14° Υ 20'48	
	-11735 Jul 05 j 13:13	30° Υ		min. Earth dist.	-11734 Jun 23 j 02:07	9° Υ 30'33	0.66572 AU
min. Earth dist.	-11735 Jul 09 j 10:55	25° Υ 14'25	0.67083 AU	inferior conj	-11734 Jun 24 j 04:14	8° Υ 05'32	-2°34'42
inferior conj	-11735 Jul 10 j 00:39	24° Υ 27'50	-1°58'08	minimum elong	-11734 Jun 24 j 06:35	7° Υ 57'53	2°34'01
minimum elong	-11735 Jul 10 j 02:45	24° Υ 20'42	1°57'13	morning rise	-11734 Jun 29 j 17:58	2° Υ 07'37	
morning rise	-11735 Jul 15 j 10:42	18° Υ 19'13		direct	-11734 Jul 03 j 05:29	0° Υ 57'17	
asc. node	-11735 Jul 16 j 18:29	17° Υ 30'07		asc. node	-11734 Jul 03 j 15:19	0° Υ 58'14	
direct	-11735 Jul 19 j 07:40	16° Υ 53'11		morning max el	-11734 Jul 10 j 13:18	5° Υ 11'13	19°36'43
morning max el	-11735 Jul 27 j 11:03	21° Υ 42'17	20°40'21		-11734 Jul 28 j 04:31	0° B	
	-11735 Aug 03 j 06:25	0° B		morning set	-11734 Aug 04 j 01:28	10° B 43'24	
	-11735 Aug 23 j 11:27	0° Π			-11734 Aug 16 j 07:31	0° Π	
morning set	-11735 Aug 24 j 20:28	2° Π 08'14		max. Earth dist.	-11734 Aug 17 j 08:10	1° Π 37'48	1.44269 AU
desc. node	-11735 Sep 02 j 10:38	15° Π 42'35		desc. node	-11734 Aug 20 j 07:49	6° Π 23'26	
max. Earth dist.	-11735 Sep 03 j 18:02	17° Π 49'00	1.43274 AU				
superior conj	-11735 Sep 09 j 17:41	27° Π 37'09	-0°42'57	superior conj	-11734 Aug 20 j 12:32	6° Π 42'21	-0°01'11
minimum elong	-11735 Sep 09 j 13:53	27° Π 21'23	0°41'51	minimum elong	-11734 Aug 20 j 12:28	6° Π 42'04	0°00'34
	-11735 Sep 11 j 03:57	0° C		behind sun begin	-11734 Aug 20 j 01:27	5° Π 57'58	
evening rise	-11735 Sep 22 j 03:55	18° C 53'56		behind sun end	-11734 Aug 20 j 23:29	7° Π 26'13	
	-11735 Sep 28 j 12:52	0° Ω		evening rise	-11734 Sep 03 j 23:49	0° C 22'16	
evening max el	-11735 Oct 09 j 07:12	15° Ω 39'25	18°08'35		-11734 Sep 03 j 18:28	0° C	
asc. node	-11735 Oct 12 j 18:15	18° Ω 20'56		evening max el	-11734 Sep 22 j 20:48	29° C 04'42	18°25'15
retrograde	-11735 Oct 15 j 23:09	19° Ω 11'56			-11734 Sep 23 j 19:42	0° Ω	
evening set	-11735 Oct 18 j 13:52	18° Ω 38'24		retrograde	-11734 Sep 29 j 12:00	2° Ω 43'43	
				asc. node	-11734 Sep 29 j 15:26	2° Ω 43'36	
				evening set	-11734 Oct 02 j 07:25	2° Ω 01'00	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11734 Oct 05 j 02:51	30° RE		retrograde	-11733 Sep 13 j 05:58	16° E 28'16	
inferior conj	-11734 Oct 08 j 11:36	26° E 27'37	2°34'45	evening set	-11733 Sep 16 j 08:26	15° E 33'13	
minimum elong	-11734 Oct 08 j 08:14	26° E 37'10	2°34'19	asc. node	-11733 Sep 16 j 12:34	15° E 27'00	
min. Earth dist.	-11734 Oct 10 j 12:53	24° E 07'46	0.64132 AU	inferior conj	-11733 Sep 22 j 04:17	9° E 45'49	1°44'03
morning rise	-11734 Oct 14 j 08:22	20° E 23'43		minimum elong	-11733 Sep 22 j 01:55	9° E 53'07	1°43'51
direct	-11734 Oct 21 j 04:19	17° E 39'43		min. Earth dist.	-11733 Sep 23 j 16:59	7° E 52'43	0.65350 AU
morning max el	-11734 Nov 03 j 14:15	25° E 12'17	27°18'46	morning rise	-11733 Sep 27 j 18:54	3° E 32'24	
	-11734 Nov 08 j 01:47	0° O		direct	-11733 Oct 04 j 04:08	0° E 51'44	
desc. node	-11734 Nov 16 j 07:51	10° O 36'19		morning max el	-11733 Oct 17 j 00:33	8° E 17'31	26°33'43
	-11734 Nov 28 j 18:16	0° M		desc. node	-11733 Nov 03 j 04:33	0° O 01'58	
morning set	-11734 Dec 08 j 12:20	17° M 55'27			-11733 Nov 03 j 04:01	0° O	
max. Earth dist.	-11734 Dec 13 j 11:42	27° M 58'24	1.33977 AU		-11733 Nov 21 j 02:27	0° M	
	-11734 Dec 14 j 11:03	0° E		morning set	-11733 Nov 21 j 19:57	1° M 22'11	
				max. Earth dist.	-11733 Nov 26 j 03:38	9° M 43'55	1.35166 AU
superior conj	-11734 Dec 16 j 10:39	4° E 10'37	-1°20'58				
minimum elong	-11734 Dec 16 j 12:41	4° E 21'24	1°20'46	superior conj	-11733 Nov 30 j 12:18	18° M 33'35	-1°32'28
evening rise	-11734 Dec 23 j 15:59	19° E 31'20		minimum elong	-11733 Nov 30 j 13:48	18° M 41'20	1°32'13
asc. node	-11734 Dec 26 j 13:19	25° E 27'02			-11733 Dec 06 j 00:06	0° E	
	-11734 Dec 28 j 20:56	0° M		evening rise	-11733 Dec 08 j 01:00	4° E 13'55	
evening max el	-11733 Jan 14 j 10:59	24° M 07'19	22°25'19	asc. node	-11733 Dec 13 j 10:40	14° E 58'48	
	-11733 Jan 24 j 20:15	0° E			-11733 Dec 22 j 17:32	0° M	
retrograde	-11733 Jan 27 j 03:38	0° E 12'11		evening max el	-11733 Dec 27 j 11:52	5° M 20'44	20°58'03
	-11733 Jan 29 j 11:49	30° RM		retrograde	-11732 Jan 07 j 18:02	10° M 37'58	
evening set	-11733 Jan 30 j 09:31	29° M 49'01		evening set	-11732 Jan 10 j 12:09	10° M 20'12	
min. Earth dist.	-11733 Feb 07 j 20:49	26° M 01'03	0.55518 AU	inferior conj	-11732 Jan 19 j 09:27	6° M 21'25	2°38'37
inferior conj	-11733 Feb 08 j 12:02	25° M 39'11	0°59'56	minimum elong	-11732 Jan 19 j 15:05	6° M 13'14	2°36'46
minimum elong	-11733 Feb 08 j 14:34	25° M 35'32	0°58'35	min. Earth dist.	-11732 Jan 20 j 10:52	5° M 44'35	0.55590 AU
desc. node	-11733 Feb 12 j 09:32	23° M 31'20		morning rise	-11732 Jan 28 j 16:51	2° M 04'36	
morning rise	-11733 Feb 17 j 20:37	21° M 35'30		desc. node	-11732 Jan 30 j 06:20	1° M 48'19	
direct	-11733 Feb 20 j 05:31	21° M 22'27		direct	-11732 Jan 31 j 20:37	1° M 42'37	
morning max el	-11733 Mar 03 j 21:35	26° M 56'48	21°03'37	morning max el	-11732 Feb 13 j 21:24	8° M 05'06	22°33'15
	-11733 Mar 06 j 18:48	0° E			-11732 Feb 29 j 07:03	0° E	
morning set	-11733 Mar 23 j 09:37	28° E 02'17		morning set	-11732 Mar 06 j 20:15	12° E 58'00	
asc. node	-11733 Mar 24 j 11:35	0° E 15'58		asc. node	-11732 Mar 10 j 08:39	20° E 22'57	
	-11733 Mar 24 j 08:29	0° E					
superior conj	-11733 Mar 30 j 23:25	13° E 44'21	0°57'34	superior conj	-11732 Mar 14 j 01:54	28° E 16'53	0°34'35
minimum elong	-11733 Mar 30 j 21:01	13° E 32'03	0°56'32	minimum elong	-11732 Mar 14 j 00:26	28° E 09'08	0°33'39
max. Earth dist.	-11733 Apr 04 j 01:16	21° E 58'54	1.35433 AU	max. Earth dist.	-11732 Mar 14 j 21:29	0° E	
	-11733 Apr 08 j 04:26	0° E		evening rise	-11732 Mar 16 j 21:34	4° E 10'50	1.34263 AU
evening rise	-11733 Apr 08 j 13:43	0° E 43'53			-11732 Mar 22 j 00:41	14° E 31'12	
	-11733 Apr 25 j 20:12	0° E			-11732 Mar 30 j 09:35	0° E	
desc. node	-11733 May 11 j 08:25	20° E 28'28		evening max el	-11732 Apr 19 j 14:22	0° E	
evening max el	-11733 May 14 j 00:05	23° E 14'14	26°37'00	desc. node	-11732 Apr 25 j 10:58	6° E 25'18	27°16'27
	-11733 May 23 j 10:58	0° Y		retrograde	-11732 Apr 27 j 05:48	8° E 05'30	
retrograde	-11733 May 26 j 22:50	0° Y 40'11		evening set	-11732 May 08 j 23:01	13° E 59'08	
	-11733 May 30 j 05:27	30° RE		min. Earth dist.	-11732 May 15 j 20:21	11° E 15'42	
evening set	-11733 Jun 02 j 12:43	27° E 53'15		inferior conj	-11732 May 19 j 13:53	7° E 40'13	0.64398 AU
min. Earth dist.	-11733 Jun 06 j 11:46	23° E 42'01	0.65681 AU	minimum elong	-11732 May 21 j 20:09	5° E 08'13	-3°22'35
inferior conj	-11733 Jun 08 j 03:32	21° E 40'30	-3°03'35		-11732 May 21 j 21:30	5° E 04'25	3°22'47
minimum elong	-11733 Jun 08 j 05:40	21° E 33'57	3°03'20		-11732 May 27 j 08:34	30° RE	
morning rise	-11733 Jun 13 j 22:52	15° E 55'59		morning rise	-11732 May 27 j 23:14	29° E 39'29	
direct	-11733 Jun 17 j 02:49	14° E 59'13		direct	-11732 May 30 j 21:14	28° E 54'16	
asc. node	-11733 Jun 20 j 12:06	16° E 00'38			-11732 Jun 03 j 10:31	0° E	
morning max el	-11733 Jun 23 j 21:21	18° E 46'19	18°48'08	asc. node	-11732 Jun 06 j 08:52	2° E 22'34	
	-11733 Jul 02 j 08:36	0° Y		morning max el	-11732 Jun 06 j 09:23	2° E 23'51	18°16'24
morning set	-11733 Jul 14 j 23:40	20° Y 06'45		morning set	-11732 Jun 24 j 22:51	0° Y 39'08	
	-11733 Jul 21 j 03:28	0° E			-11732 Jun 24 j 13:33	0° Y	
superior conj	-11733 Jul 30 j 13:54	14° E 59'26	0°44'13	superior conj	-11732 Jul 08 j 18:55	23° Y 28'31	1°21'32
minimum elong	-11733 Jul 30 j 19:00	15° E 19'37	0°44'05	minimum elong	-11732 Jul 09 j 01:22	23° Y 54'28	1°21'12
max. Earth dist.	-11733 Jul 31 j 00:29	15° E 41'18	1.44589 AU	max. Earth dist.	-11732 Jul 12 j 16:16	29° Y 42'25	1.44204 AU
desc. node	-11733 Aug 07 j 05:08	27° E 04'20			-11732 Jul 12 j 20:41	0° E	
	-11733 Aug 09 j 01:26	0° E		desc. node	-11732 Jul 24 j 02:32	17° E 41'44	
evening rise	-11733 Aug 15 j 17:49	10° E 38'41		evening rise	-11732 Jul 25 j 09:10	19° E 41'04	
	-11733 Aug 27 j 23:20	0° E			-11732 Aug 01 j 00:53	0° E	
evening max el	-11733 Sep 06 j 08:35	12° E 34'24	18°59'18	greatest brilliancy	-11732 Aug 06 j 13:09	8° E 24'51	-0.7m
				evening max el	-11732 Aug 19 j 15:58	26° E 04'17	19°49'32

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11732 Aug 25 j 02:06	0°☿					-11731 Jul 25 j 21:59	0°♊			
retrograde	-11732 Aug 27 j 02:17	0°☿21'48			evening max el	-11731 Aug 02 j 16:57	9°♊30'30	20°54'02			
	-11732 Aug 29 j 00:58	30°♋♊			retrograde	-11731 Aug 10 j 22:50	14°♊20'46				
evening set	-11732 Aug 30 j 14:11	29°♊10'57			evening set	-11731 Aug 14 j 22:16	12°♊50'58				
asc. node	-11732 Sep 02 j 09:35	26°♊36'52			inferior conj	-11731 Aug 20 j 06:48	6°♊44'21	0°00'13			
inferior conj	-11732 Sep 05 j 03:26	23°♊12'34	0°51'49		minimum elong	-11731 Aug 20 j 06:47	6°♊44'25	0°00'49			
minimum elong	-11732 Sep 05 j 02:14	23°♊16'27	0°52'00		transit middle	-11731 Aug 20 j 06:47	6°♊44'25	0°00'49			
min. Earth dist.	-11732 Sep 06 j 04:24	21°♊50'53	0.66260 AU		transit begin	-11731 Aug 20 j 04:04	6°♊53'40				
morning rise	-11732 Sep 10 j 14:01	16°♊53'35			transit end	-11731 Aug 20 j 09:30	6°♊35'10				
direct	-11732 Sep 16 j 09:44	14°♊24'41			asc. node	-11731 Aug 20 j 06:32	6°♊45'17				
morning max el	-11732 Sep 28 j 10:25	21°♊31'09	25°27'01		min. Earth dist.	-11731 Aug 20 j 20:50	5°♊56'38	0.66871 AU			
	-11732 Oct 05 j 20:52	0°☿			morning rise	-11731 Aug 25 j 15:08	0°♊23'37				
desc. node	-11732 Oct 20 j 01:20	19°☿55'47				-11731 Aug 26 j 02:40	30°♋♊				
	-11732 Oct 26 j 09:13	0°♋			direct	-11731 Aug 30 j 20:27	28°♋11'23				
morning set	-11732 Nov 03 j 11:28	13°♋56'50				-11731 Sep 05 j 03:56	0°♊				
max. Earth dist.	-11732 Nov 07 j 09:05	21°♋07'33	1.36771 AU		morning max el	-11731 Sep 10 j 20:08	4°♊46'17	24°07'17			
	-11732 Nov 11 j 23:48	0°♌				-11731 Sep 30 j 06:34	0°☿				
					desc. node	-11731 Oct 06 j 22:10	10°☿08'51				
superior conj	-11732 Nov 13 j 05:40	2°♌27'32	-1°38'20		morning set	-11731 Oct 16 j 05:26	25°☿24'10				
minimum elong	-11732 Nov 13 j 06:03	2°♌29'28	1°37'59			-11731 Oct 18 j 21:06	0°♋				
evening rise	-11732 Nov 21 j 06:15	18°♌40'29			max. Earth dist.	-11731 Oct 20 j 08:30	2°♋36'27	1.38677 AU			
	-11732 Nov 27 j 01:35	0°♌									
asc. node	-11732 Nov 29 j 08:01	4°♌03'20			superior conj	-11731 Oct 27 j 10:55	15°♋40'23	-1°36'43			
evening max el	-11732 Dec 08 j 22:28	17°♌06'56	19°45'51		minimum elong	-11731 Oct 27 j 09:37	15°♋34'14	1°36'10			
retrograde	-11732 Dec 18 j 14:41	21°♌40'17				-11731 Nov 03 j 20:04	0°♌				
evening set	-11732 Dec 21 j 04:22	21°♌22'29			evening rise	-11731 Nov 05 j 05:28	2°♌43'55				
inferior conj	-11732 Dec 29 j 14:34	17°♌17'28	3°46'56		asc. node	-11731 Nov 16 j 05:20	22°♌30'33				
minimum elong	-11732 Dec 29 j 19:10	17°♌10'10	3°46'03		evening max el	-11731 Nov 21 j 19:03	29°♌25'45	18°52'46			
min. Earth dist.	-11731 Jan 01 j 00:12	15°♌46'27	0.56491 AU			-11731 Nov 22 j 09:50	0°♌				
morning rise	-11731 Jan 07 j 07:55	12°♌38'10			retrograde	-11731 Nov 30 j 03:14	3°♌26'58				
direct	-11731 Jan 11 j 18:35	11°♌53'55			evening set	-11731 Dec 02 j 15:06	3°♌06'51				
desc. node	-11731 Jan 16 j 03:02	12°♌37'21				-11731 Dec 08 j 17:53	30°♋♌				
morning max el	-11731 Jan 25 j 13:27	18°♌48'40	24°10'04		inferior conj	-11731 Dec 10 j 12:24	28°♌44'23	4°15'34			
	-11731 Feb 03 j 19:34	0°♌			minimum elong	-11731 Dec 10 j 13:23	28°♌42'36	4°15'35			
morning set	-11731 Feb 19 j 08:37	28°♌02'00			min. Earth dist.	-11731 Dec 13 j 14:41	26°♌30'21	0.57995 AU			
	-11731 Feb 20 j 07:00	0°♍			morning rise	-11731 Dec 18 j 09:44	23°♌41'17				
asc. node	-11731 Feb 25 j 05:47	10°♍37'51			direct	-11731 Dec 24 j 03:26	22°♌22'31				
					desc. node	-11730 Jan 02 j 23:40	26°♌03'06				
superior conj	-11731 Feb 26 j 09:28	13°♍07'09	0°10'59		morning max el	-11730 Jan 07 j 04:29	29°♌34'21	25°40'43			
minimum elong	-11731 Feb 26 j 09:01	13°♍04'46	0°10'16			-11730 Jan 07 j 15:05	0°♌				
behind sun begin	-11731 Feb 26 j 05:06	12°♍43'37				-11730 Jan 28 j 07:09	0°♌				
behind sun end	-11731 Feb 26 j 12:57	13°♍25'55			morning set	-11730 Feb 03 j 20:52	13°♌06'58				
max. Earth dist.	-11731 Feb 28 j 03:02	16°♍50'06	1.33445 AU								
evening rise	-11731 Mar 05 j 21:37	28°♍50'39			superior conj	-11730 Feb 10 j 20:02	28°♌07'38	-0°12'18			
	-11731 Mar 06 j 11:27	0°☿			minimum elong	-11730 Feb 10 j 20:34	28°♌10'30	0°12'44			
	-11731 Mar 23 j 13:58	0°♎			behind sun begin	-11730 Feb 10 j 17:35	27°♌54'18				
evening max el	-11731 Apr 07 j 20:31	19°♎15'13	27°26'44		behind sun end	-11730 Feb 10 j 23:32	28°♌26'42				
desc. node	-11731 Apr 14 j 03:04	24°♎18'22			max. Earth dist.	-11730 Feb 11 j 14:22	29°♌47'23	1.32952 AU			
retrograde	-11731 Apr 21 j 16:51	26°♎48'43				-11730 Feb 11 j 16:41	0°♍				
evening set	-11731 Apr 28 j 14:54	24°♎21'46			asc. node	-11730 Feb 12 j 02:59	0°♍55'53				
min. Earth dist.	-11731 May 02 j 07:04	21°♎14'11	0.62753 AU		evening rise	-11730 Feb 18 j 01:19	13°♍31'07				
inferior conj	-11731 May 05 j 03:13	18°♎23'17	-3°28'23			-11730 Feb 26 j 14:33	0°☿				
minimum elong	-11731 May 05 j 03:10	18°♎23'25	3°28'52			-11730 Mar 19 j 13:08	0°♎				
morning rise	-11731 May 11 j 16:37	13°♎12'37			evening max el	-11730 Mar 21 j 02:13	1°♎32'44	27°04'28			
direct	-11731 May 14 j 09:53	12°♎37'18			desc. node	-11730 Apr 01 j 00:13	8°♎35'51				
morning max el	-11731 May 20 j 23:11	15°♎59'34	18°02'37		retrograde	-11730 Apr 04 j 03:24	9°♎01'32				
asc. node	-11731 May 24 j 05:39	19°♎48'29			evening set	-11730 Apr 10 j 17:09	7°♎02'44				
	-11731 May 30 j 20:13	0°♏			min. Earth dist.	-11730 Apr 14 j 15:08	4°♎10'42	0.60839 AU			
morning set	-11731 Jun 06 j 21:58	12°♏19'23			inferior conj	-11730 Apr 17 j 21:23	1°♎18'32	-3°16'15			
	-11731 Jun 17 j 02:39	0°♐			minimum elong	-11730 Apr 17 j 19:29	1°♎22'44	3°16'39			
						-11730 Apr 19 j 09:33	30°♋♏				
superior conj	-11731 Jun 18 j 21:48	3°♐01'45	1°43'16		morning rise	-11730 Apr 24 j 23:56	26°♏27'42				
minimum elong	-11731 Jun 19 j 01:16	3°♐16'17	1°43'07		direct	-11730 Apr 27 j 12:55	26°♏01'01				
max. Earth dist.	-11731 Jun 25 j 04:55	13°♐24'46	1.43174 AU		morning max el	-11730 May 04 j 12:17	29°♏27'49	18°07'30			
evening rise	-11731 Jul 04 j 09:37	28°♐01'51				-11730 May 05 j 01:11	0°♎				
	-11731 Jul 05 j 15:59	0°♏			asc. node	-11730 May 11 j 02:29	8°♎04'40				
desc. node	-11731 Jul 10 j 23:58	8°♏11'52			morning set	-11730 May 20 j 16:41	24°♎57'57				

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11730 May 23 j 10:19	0°♄		minimum elong	-11729 May 13 j 07:20	25°♄52'39	1°42'50
					-11729 May 15 j 13:14	0°♄	
superior conj	-11730 May 31 j 03:54	13°♄56'28	1°49'21	max. Earth dist.	-11729 May 20 j 13:45	8°♄56'40	1.39812 AU
minimum elong	-11730 May 31 j 03:46	13°♄55'56	1°49'07	evening rise	-11729 May 25 j 02:16	16°♄40'23	
max. Earth dist.	-11730 Jun 07 j 12:12	26°♄32'50	1.41636 AU		-11729 Jun 02 j 07:41	0°♄	
	-11730 Jun 09 j 14:07	0°♄		desc. node	-11729 Jun 14 j 18:55	18°♄32'21	
evening rise	-11730 Jun 13 j 17:45	6°♄45'05			-11729 Jun 23 j 11:05	0°♄	
desc. node	-11730 Jun 27 j 21:26	28°♄30'42		evening max el	-11729 Jun 28 j 23:15	6°♄11'29	23°31'31
	-11730 Jun 28 j 21:48	0°♄		retrograde	-11729 Jul 09 j 10:28	12°♄24'30	
evening max el	-11730 Jul 16 j 10:55	22°♄52'22	22°09'40	evening set	-11729 Jul 14 j 13:39	10°♄12'41	
retrograde	-11730 Jul 25 j 18:00	28°♄22'54		inferior conj	-11729 Jul 19 j 18:51	3°♄57'24	-1°34'19
evening set	-11730 Jul 30 j 06:44	26°♄32'08		minimum elong	-11729 Jul 19 j 20:38	3°♄51'16	1°33'22
inferior conj	-11730 Aug 04 j 12:32	20°♄19'56	-0°48'58	min. Earth dist.	-11729 Jul 19 j 11:37	4°♄22'17	0.67209 AU
minimum elong	-11730 Aug 04 j 13:32	20°♄16'28	0°48'05		-11729 Jul 22 j 19:55	30°♄	
min. Earth dist.	-11730 Aug 04 j 16:02	20°♄07'51	0.67189 AU	morning rise	-11729 Jul 25 j 03:33	27°♄43'56	
asc. node	-11730 Aug 07 j 03:25	16°♄50'24		asc. node	-11729 Jul 25 j 00:18	27°♄50'23	
morning rise	-11730 Aug 09 j 20:15	14°♄01'03		direct	-11729 Jul 29 j 06:40	26°♄08'13	
direct	-11730 Aug 14 j 11:43	12°♄07'17			-11729 Aug 05 j 14:59	0°♄	
morning max el	-11730 Aug 24 j 07:53	18°♄02'29	22°43'14	morning max el	-11729 Aug 07 j 00:04	1°♄21'11	21°22'36
	-11730 Sep 03 j 03:58	0°♄			-11729 Aug 28 j 01:22	0°♄	
	-11730 Sep 23 j 10:14	0°♄		morning set	-11729 Sep 06 j 12:51	14°♄35'54	
desc. node	-11730 Sep 23 j 19:08	0°♄35'25		desc. node	-11729 Sep 10 j 16:13	21°♄10'20	
morning set	-11730 Sep 26 j 21:33	5°♄35'08		max. Earth dist.	-11729 Sep 14 j 13:09	27°♄26'56	1.42431 AU
max. Earth dist.	-11730 Oct 02 j 08:28	14°♄39'21	1.40655 AU		-11729 Sep 16 j 02:21	0°♄	
superior conj	-11730 Oct 09 j 23:15	27°♄59'04	-1°25'23	superior conj	-11729 Sep 21 j 12:50	9°♄08'14	-1°02'08
minimum elong	-11730 Oct 09 j 20:01	27°♄44'33	1°24'33	minimum elong	-11729 Sep 21 j 08:32	8°♄49'53	1°01'01
	-11730 Oct 11 j 01:58	0°♄		evening rise	-11729 Oct 02 j 21:37	29°♄11'24	
evening rise	-11730 Oct 19 j 19:50	16°♄17'22			-11729 Oct 03 j 08:24	0°♄	
	-11730 Oct 27 j 07:25	0°♄		evening max el	-11729 Oct 19 j 10:46	25°♄20'29	18°07'22
asc. node	-11730 Nov 03 j 02:36	10°♄08'54		asc. node	-11729 Oct 20 j 23:50	26°♄44'04	
evening max el	-11730 Nov 05 j 00:02	12°♄12'43	18°20'03	retrograde	-11729 Oct 26 j 06:48	28°♄53'29	
retrograde	-11730 Nov 12 j 09:32	15°♄54'19		evening set	-11729 Oct 28 j 19:42	28°♄24'13	
evening set	-11730 Nov 14 j 21:01	15°♄30'30		inferior conj	-11729 Nov 04 j 16:17	23°♄19'40	3°43'10
inferior conj	-11730 Nov 22 j 05:35	10°♄46'52	4°10'41	minimum elong	-11729 Nov 04 j 12:39	23°♄28'22	3°42'55
minimum elong	-11730 Nov 22 j 03:26	10°♄51'24	4°10'45	min. Earth dist.	-11729 Nov 07 j 13:08	20°♄35'34	0.61630 AU
min. Earth dist.	-11730 Nov 25 j 09:54	8°♄07'41	0.59801 AU	morning rise	-11729 Nov 11 j 04:23	17°♄37'50	
morning rise	-11730 Nov 29 j 08:13	5°♄22'39		direct	-11729 Nov 18 j 05:19	15°♄12'21	
direct	-11730 Dec 05 j 23:34	3°♄26'33		morning max el	-11729 Dec 02 j 02:29	22°♄41'02	27°28'25
morning max el	-11730 Dec 20 j 00:18	10°♄48'18	26°50'15	desc. node	-11729 Dec 07 j 16:59	28°♄46'40	
desc. node	-11730 Dec 20 j 20:18	11°♄37'15			-11729 Dec 08 j 17:01	0°♄	
	-11729 Jan 03 j 23:47	0°♄			-11729 Dec 27 j 23:49	0°♄	
morning set	-11729 Jan 19 j 07:14	28°♄05'58		morning set	-11728 Jan 03 j 13:42	12°♄51'46	
	-11729 Jan 20 j 05:01	0°♄		max. Earth dist.	-11728 Jan 09 j 15:51	25°♄44'48	1.32945 AU
superior conj	-11729 Jan 26 j 07:52	13°♄11'52	-0°34'26	superior conj	-11728 Jan 10 j 19:20	28°♄13'56	-0°54'42
minimum elong	-11729 Jan 26 j 09:12	13°♄19'09	0°34'37	minimum elong	-11728 Jan 10 j 21:13	28°♄24'12	0°54'41
max. Earth dist.	-11729 Jan 26 j 03:52	12°♄49'58	1.32780 AU		-11728 Jan 11 j 14:50	0°♄	
asc. node	-11729 Jan 30 j 00:14	21°♄12'43		asc. node	-11728 Jan 16 j 21:31	11°♄24'08	
evening rise	-11729 Feb 02 j 09:25	28°♄24'06		evening rise	-11728 Jan 17 j 20:01	13°♄22'52	
	-11729 Feb 03 j 03:54	0°♄			-11728 Jan 26 j 07:53	0°♄	
	-11729 Feb 20 j 04:10	0°♄		evening max el	-11728 Feb 12 j 21:32	24°♄20'14	24°51'45
evening max el	-11729 Mar 03 j 02:20	13°♄12'12	26°10'35		-11728 Feb 20 j 21:37	0°♄	
retrograde	-11729 Mar 17 j 05:16	20°♄31'40		retrograde	-11728 Feb 26 j 20:14	1°♄20'53	
desc. node	-11729 Mar 18 j 21:17	20°♄24'41		evening set	-11728 Mar 02 j 14:12	0°♄29'13	
evening set	-11729 Mar 23 j 00:40	19°♄07'39			-11728 Mar 03 j 19:40	30°♄	
min. Earth dist.	-11729 Mar 27 j 15:37	16°♄16'10	0.58853 AU	desc. node	-11728 Mar 04 j 18:17	29°♄33'44	
inferior conj	-11729 Mar 30 j 22:58	13°♄44'47	-2°40'01	min. Earth dist.	-11728 Mar 08 j 11:07	27°♄25'08	0.57093 AU
minimum elong	-11729 Mar 30 j 19:32	13°♄51'23	2°39'59	inferior conj	-11728 Mar 11 j 05:16	25°♄35'23	-1°34'23
morning rise	-11729 Apr 07 j 17:28	9°♄14'03		minimum elong	-11728 Mar 11 j 02:05	25°♄40'42	1°34'09
direct	-11729 Apr 10 j 02:05	8°♄54'44		morning rise	-11728 Mar 19 j 17:13	21°♄21'51	
morning max el	-11729 Apr 17 j 21:45	12°♄39'54	18°31'35	direct	-11728 Mar 21 j 21:58	21°♄07'50	
asc. node	-11729 Apr 27 j 23:22	26°♄59'06		morning max el	-11728 Mar 31 j 00:37	25°♄26'27	19°15'16
	-11729 Apr 29 j 15:27	0°♄			-11728 Apr 04 j 00:41	0°♄	
morning set	-11729 May 04 j 02:13	8°♄23'07		asc. node	-11728 Apr 13 j 20:20	16°♄22'56	
				morning set	-11728 Apr 16 j 22:36	22°♄25'18	
superior conj	-11729 May 13 j 09:39	26°♄03'20	1°43'22		-11728 Apr 20 j 18:09	0°♄	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11728 Apr 25 j 09:35	9°≈07'44	1°29'14	morning set	-11727 Apr 01 j 02:30	6°≈54'30	
minimum elong	-11728 Apr 25 j 06:33	8°≈53'01	1°28'24				
max. Earth dist.	-11728 May 01 j 13:55	20°≈47'22	1.37957 AU	superior conj	-11727 Apr 08 j 22:42	22°≈54'48	1°10'02
evening rise	-11728 May 05 j 14:12	27°≈59'34		minimum elong	-11727 Apr 08 j 19:54	22°≈40'43	1°09'02
	-11728 May 06 j 17:45	0°≈			-11727 Apr 12 j 12:18	0°≈	
	-11728 May 25 j 17:20	0°≈		max. Earth dist.	-11727 Apr 13 j 19:14	2°≈30'15	1.36277 AU
desc. node	-11728 May 31 j 16:22	8°≈09'50		evening rise	-11727 Apr 18 j 00:45	10°≈28'59	
evening max el	-11728 Jun 10 j 09:08	19°≈32'39	24°52'20		-11727 Apr 29 j 08:18	0°≈	
retrograde	-11728 Jun 21 j 23:14	26°≈22'18		desc. node	-11727 May 18 j 13:49	27°≈12'51	
evening set	-11728 Jun 27 j 17:06	23°≈51'58			-11727 May 21 j 00:11	0°≈	
min. Earth dist.	-11728 Jul 02 j 05:13	18°≈38'53	0.66908 AU	evening max el	-11727 May 23 j 19:11	2°≈55'40	26°03'40
inferior conj	-11728 Jul 02 j 23:59	17°≈36'03	-2°14'29	retrograde	-11727 Jun 05 j 07:30	10°≈11'01	
minimum elong	-11728 Jul 03 j 02:15	17°≈28'30	2°13'39	evening set	-11727 Jun 11 j 14:55	7°≈27'46	
morning rise	-11728 Jul 08 j 11:22	11°≈31'19		min. Earth dist.	-11727 Jun 15 j 18:24	2°≈54'02	0.66245 AU
asc. node	-11728 Jul 10 j 21:10	10°≈21'37		inferior conj	-11727 Jun 17 j 02:03	1°≈13'27	-2°48'00
direct	-11728 Jul 12 j 04:03	10°≈12'12		minimum elong	-11727 Jun 17 j 04:23	1°≈06'03	2°47'30
morning max el	-11728 Jul 19 j 22:27	14°≈45'46	20°11'29		-11727 Jun 18 j 01:22	30°≈	
	-11728 Jul 31 j 12:40	0°≈		morning rise	-11727 Jun 22 j 17:54	25°≈20'42	
morning set	-11728 Aug 15 j 15:45	23°≈03'47		direct	-11727 Jun 26 j 02:04	24°≈16'12	
	-11728 Aug 20 j 02:17	0°≈		asc. node	-11727 Jun 27 j 17:58	24°≈31'30	
max. Earth dist.	-11728 Aug 27 j 00:02	10°≈56'42	1.43770 AU	morning max el	-11727 Jul 03 j 03:16	28°≈17'27	19°14'00
desc. node	-11728 Aug 27 j 13:21	11°≈50'05			-11727 Jul 04 j 16:41	0°≈	
					-11727 Jul 24 j 21:14	0°≈	
superior conj	-11728 Aug 31 j 23:08	18°≈57'52	-0°26'18	morning set	-11727 Jul 26 j 02:26	1°≈55'22	
minimum elong	-11728 Aug 31 j 20:30	18°≈47'04	0°25'19	max. Earth dist.	-11727 Aug 09 j 15:45	24°≈55'15	1.44495 AU
	-11728 Sep 07 j 15:11	0°≈					
evening rise	-11728 Sep 14 j 05:59	11°≈14'39		superior conj	-11727 Aug 11 j 08:33	27°≈37'03	0°18'20
	-11728 Sep 25 j 10:35	0°≈		minimum elong	-11727 Aug 11 j 10:49	27°≈46'03	0°18'36
evening max el	-11728 Oct 02 j 00:16	8°≈41'35	18°13'38		-11727 Aug 12 j 20:32	0°≈	
asc. node	-11728 Oct 06 j 21:04	11°≈59'47		desc. node	-11727 Aug 14 j 10:36	2°≈31'37	
retrograde	-11728 Oct 08 j 14:57	12°≈15'34		evening rise	-11727 Aug 26 j 15:23	22°≈14'00	
evening set	-11728 Oct 11 j 07:26	11°≈38'29			-11727 Aug 31 j 09:16	0°≈	
inferior conj	-11728 Oct 17 j 17:12	6°≈14'56	3°02'04	evening max el	-11727 Sep 15 j 13:30	22°≈09'52	18°37'45
minimum elong	-11728 Oct 17 j 13:28	6°≈24'56	3°01'36	retrograde	-11727 Sep 22 j 06:18	25°≈53'48	
min. Earth dist.	-11728 Oct 20 j 02:01	3°≈42'52	0.63294 AU	asc. node	-11727 Sep 23 j 18:14	25°≈41'15	
morning rise	-11728 Oct 23 j 18:39	0°≈18'27		evening set	-11727 Sep 25 j 04:33	25°≈06'05	
	-11728 Oct 24 j 04:34	30°≈		inferior conj	-11727 Oct 01 j 04:58	19°≈26'18	2°13'37
direct	-11728 Oct 30 j 18:48	27°≈37'15		minimum elong	-11727 Oct 01 j 01:59	19°≈35'06	2°13'15
	-11728 Nov 07 j 00:03	0°≈		min. Earth dist.	-11727 Oct 03 j 00:45	17°≈17'21	0.64687 AU
morning max el	-11728 Nov 13 j 09:37	5°≈09'28	27°31'51	morning rise	-11727 Oct 06 j 22:51	13°≈18'13	
desc. node	-11728 Nov 23 j 13:38	17°≈03'36		direct	-11727 Oct 13 j 14:50	10°≈34'32	
	-11728 Dec 02 j 09:17	0°≈		morning max el	-11727 Oct 26 j 19:27	18°≈04'41	27°02'54
morning set	-11728 Dec 17 j 13:47	27°≈14'46			-11727 Nov 05 j 23:55	0°≈	
	-11728 Dec 18 j 22:34	0°≈		desc. node	-11727 Nov 10 j 10:20	6°≈08'26	
max. Earth dist.	-11728 Dec 22 j 22:37	8°≈18'43	1.33482 AU		-11727 Nov 25 j 05:26	0°≈	
				morning set	-11727 Dec 01 j 04:29	11°≈05'03	
superior conj	-11728 Dec 25 j 04:35	13°≈06'19	-1°12'21	max. Earth dist.	-11727 Dec 05 j 20:48	20°≈22'57	1.34431 AU
minimum elong	-11728 Dec 25 j 06:41	13°≈17'36	1°12'12				
evening rise	-11727 Jan 01 j 07:17	28°≈19'59		superior conj	-11727 Dec 09 j 09:39	27°≈42'01	-1°26'26
	-11727 Jan 02 j 02:27	0°≈		minimum elong	-11727 Dec 09 j 11:32	27°≈51'51	1°26'13
asc. node	-11727 Jan 02 j 18:50	1°≈24'43			-11727 Dec 10 j 11:54	0°≈	
	-11727 Jan 19 j 19:48	0°≈		evening rise	-11727 Dec 16 j 17:37	13°≈09'34	
evening max el	-11727 Jan 24 j 14:56	5°≈12'41	23°19'22	asc. node	-11727 Dec 20 j 16:10	21°≈08'49	
retrograde	-11727 Feb 06 j 22:10	11°≈40'51			-11727 Dec 25 j 10:55	0°≈	
evening set	-11727 Feb 10 j 15:16	11°≈10'44		evening max el	-11726 Jan 06 j 11:30	16°≈11'56	21°46'48
min. Earth dist.	-11727 Feb 18 j 03:26	7°≈43'00	0.55879 AU	retrograde	-11726 Jan 18 j 14:08	21°≈56'29	
inferior conj	-11727 Feb 19 j 16:36	6°≈47'49	-0°00'54	evening set	-11726 Jan 21 j 14:10	21°≈36'21	
minimum elong	-11727 Feb 19 j 16:32	6°≈47'54	0°01'28	inferior conj	-11726 Jan 30 j 15:30	17°≈33'30	1°44'02
transit middle	-11727 Feb 19 j 16:32	6°≈47'54	0°01'28	minimum elong	-11726 Jan 30 j 19:45	17°≈27'26	1°42'16
transit begin	-11727 Feb 19 j 12:31	6°≈53'53		min. Earth dist.	-11726 Jan 30 j 17:43	17°≈30'21	0.55448 AU
transit end	-11727 Feb 19 j 20:34	6°≈41'56		desc. node	-11726 Feb 06 j 12:03	14°≈09'06	
desc. node	-11727 Feb 19 j 15:13	6°≈49'53		morning rise	-11726 Feb 09 j 01:23	13°≈26'20	
morning rise	-11727 Feb 28 j 19:50	2°≈44'02		direct	-11726 Feb 11 j 16:42	13°≈10'41	
direct	-11727 Mar 03 j 00:46	2°≈31'56		morning max el	-11726 Feb 23 j 23:42	19°≈06'02	21°40'07
morning max el	-11727 Mar 13 j 17:50	7°≈36'45	20°18'37		-11726 Mar 04 j 16:41	0°≈	
	-11727 Mar 28 j 15:08	0°≈		morning set	-11726 Mar 16 j 11:17	21°≈42'45	
asc. node	-11727 Mar 31 j 17:18	6°≈07'58		asc. node	-11726 Mar 18 j 14:18	26°≈08'21	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11726 Mar 20 j 10:25	0°♁		morning set	-11725 Feb 28 j 22:53	6°♁43'08	
				asc. node	-11725 Mar 05 j 11:23	16°♁19'25	
superior conj	-11726 Mar 23 j 21:09	7°♁13'24	0°47'58				
minimum elong	-11726 Mar 23 j 19:08	7°♁02'52	0°46'57	superior conj	-11725 Mar 08 j 02:05	21°♁54'45	0°24'36
max. Earth dist.	-11726 Mar 27 j 09:53	14°♁28'29	1.34900 AU	minimum elong	-11725 Mar 08 j 01:03	21°♁49'14	0°23'45
evening rise	-11726 Apr 01 j 04:12	23°♁51'56		max. Earth dist.	-11725 Mar 10 j 10:22	26°♁52'40	1.33868 AU
	-11726 Apr 04 j 10:35	0°♁			-11725 Mar 11 j 22:17	0°♁	
	-11726 Apr 22 j 21:59	0°♁		evening rise	-11725 Mar 15 j 19:49	7°♁54'20	
desc. node	-11726 May 05 j 11:13	15°♁26'48			-11725 Mar 27 j 23:05	0°♁	
evening max el	-11726 May 06 j 05:56	16°♁13'33	26°56'53	evening max el	-11725 Apr 18 j 16:20	29°♁16'51	27°24'33
retrograde	-11726 May 19 j 10:38	23°♁43'17			-11725 Apr 19 j 10:22	0°♁	
evening set	-11726 May 26 j 04:33	20°♁56'18		desc. node	-11725 Apr 22 j 08:31	2°♁31'54	
min. Earth dist.	-11726 May 30 j 00:55	17°♁01'06	0.65191 AU	retrograde	-11725 May 02 j 08:19	6°♁51'44	
inferior conj	-11726 May 31 j 22:49	14°♁45'43	-3°13'02	evening set	-11725 May 09 j 07:04	4°♁13'18	
minimum elong	-11726 Jun 01 j 00:42	14°♁40'09	3°12'59	min. Earth dist.	-11725 May 12 j 23:12	0°♁51'17	0.63743 AU
morning rise	-11726 Jun 06 j 21:10	9°♁07'45			-11725 May 13 j 18:38	30°♁	
direct	-11726 Jun 09 j 22:30	8°♁16'02		inferior conj	-11725 May 15 j 11:45	28°♁09'09	-3°26'56
asc. node	-11726 Jun 14 j 14:44	10°♁09'40		minimum elong	-11725 May 15 j 12:35	28°♁06'55	3°27'17
morning max el	-11726 Jun 16 j 13:16	11°♁54'01	18°32'29	morning rise	-11725 May 21 j 18:57	22°♁48'11	
	-11726 Jun 29 j 06:13	0°♁		direct	-11725 May 24 j 14:48	22°♁07'26	
morning set	-11726 Jul 06 j 10:58	11°♁47'27		morning max el	-11725 May 31 j 02:28	25°♁32'27	18°08'18
	-11726 Jul 17 j 16:35	0°♁		asc. node	-11725 Jun 01 j 11:30	27°♁01'11	
					-11725 Jun 03 j 20:11	0°♁	
superior conj	-11726 Jul 21 j 08:32	5°♁50'35	1°01'41	morning set	-11725 Jun 17 j 20:47	22°♁49'56	
minimum elong	-11726 Jul 21 j 14:53	6°♁15'48	1°01'23		-11725 Jun 22 j 01:29	0°♁	
max. Earth dist.	-11726 Jul 23 j 08:47	9°♁02'03	1.44514 AU				
desc. node	-11726 Aug 01 j 07:57	23°♁11'21		superior conj	-11725 Jun 30 j 21:29	14°♁43'29	1°32'48
	-11726 Aug 05 j 15:41	0°♁		minimum elong	-11725 Jul 01 j 02:59	15°♁05'56	1°32'34
evening rise	-11726 Aug 06 j 21:37	1°♁57'57		max. Earth dist.	-11725 Jul 05 j 23:34	22°♁57'31	1.43839 AU
	-11726 Aug 25 j 07:03	0°♁			-11725 Jul 10 j 09:47	0°♁	
evening max el	-11726 Aug 29 j 23:38	5°♁39'37	19°18'44	evening rise	-11725 Jul 17 j 04:23	10°♁36'28	
retrograde	-11726 Sep 06 j 01:37	9°♁42'30		desc. node	-11725 Jul 19 j 05:21	13°♁46'09	
evening set	-11726 Sep 09 j 07:52	8°♁40'59			-11725 Jul 29 j 21:06	0°♁	
asc. node	-11726 Sep 10 j 15:18	7°♁42'36		evening max el	-11725 Aug 13 j 04:22	19°♁07'43	20°15'16
inferior conj	-11726 Sep 15 j 00:39	2°♁48'17	1°21'54	retrograde	-11725 Aug 20 j 22:24	23°♁38'33	
minimum elong	-11726 Sep 14 j 22:47	2°♁54'13	1°21'52	evening set	-11725 Aug 24 j 14:53	22°♁20'03	
min. Earth dist.	-11726 Sep 16 j 08:08	1°♁08'27	0.65773 AU	asc. node	-11725 Aug 28 j 12:18	18°♁20'39	
	-11726 Sep 17 j 06:19	30°♁		inferior conj	-11725 Aug 30 j 01:52	16°♁17'36	0°29'42
morning rise	-11726 Sep 20 j 13:19	26°♁32'02		minimum elong	-11725 Aug 30 j 01:11	16°♁19'51	0°30'05
direct	-11726 Sep 26 j 16:53	23°♁55'55		min. Earth dist.	-11725 Aug 30 j 22:05	15°♁10'07	0.66556 AU
	-11726 Oct 07 j 22:45	0°♁		morning rise	-11725 Sep 04 j 11:16	9°♁57'08	
morning max el	-11726 Oct 09 j 05:46	1°♁14'47	26°07'35	direct	-11725 Sep 10 j 00:45	7°♁35'01	
desc. node	-11726 Oct 28 j 07:04	25°♁46'56		morning max el	-11725 Sep 21 j 15:36	14°♁30'05	24°54'04
	-11726 Oct 31 j 01:03	0°♁			-11725 Oct 04 j 08:53	0°♁	
morning set	-11726 Nov 14 j 05:47	24°♁10'37		desc. node	-11725 Oct 15 j 03:53	15°♁49'32	
	-11726 Nov 17 j 07:55	0°♁			-11725 Oct 23 j 21:21	0°♁	
max. Earth dist.	-11726 Nov 18 j 08:18	1°♁57'36	1.35803 AU	morning set	-11725 Oct 27 j 12:47	6°♁18'02	
				max. Earth dist.	-11725 Oct 31 j 10:19	13°♁18'38	1.37554 AU
superior conj	-11726 Nov 23 j 08:05	11°♁52'56	-1°35'45				
minimum elong	-11726 Nov 23 j 09:12	11°♁58'34	1°35'28	superior conj	-11725 Nov 06 j 20:46	25°♁30'05	-1°38'41
evening rise	-11726 Dec 01 j 01:15	27°♁45'34		minimum elong	-11725 Nov 06 j 20:30	25°♁28'47	1°38'17
	-11726 Dec 02 j 03:38	0°♁			-11725 Nov 09 j 03:40	0°♁	
asc. node	-11726 Dec 07 j 13:31	10°♁29'46		evening rise	-11725 Nov 15 j 04:12	12°♁02'27	
evening max el	-11726 Dec 19 j 16:03	27°♁37'09	20°25'08	asc. node	-11725 Nov 24 j 10:51	29°♁19'24	
	-11726 Dec 22 j 14:33	0°♁			-11725 Nov 24 j 20:52	0°♁	
retrograde	-11726 Dec 30 j 06:02	2°♁35'18		evening max el	-11725 Dec 02 j 06:55	9°♁36'52	19°20'50
evening set	-11725 Jan 01 j 21:38	2°♁17'55		retrograde	-11725 Dec 11 j 08:45	13°♁55'12	
	-11725 Jan 07 j 15:54	30°♁		evening set	-11725 Dec 13 j 21:15	13°♁36'46	
inferior conj	-11725 Jan 10 j 14:33	28°♁17'54	3°12'24	inferior conj	-11725 Dec 22 j 02:02	9°♁25'25	4°03'52
minimum elong	-11725 Jan 10 j 20:16	28°♁09'21	3°10'50	minimum elong	-11725 Dec 22 j 05:12	9°♁20'06	4°03'27
min. Earth dist.	-11725 Jan 12 j 07:06	27°♁17'24	0.55876 AU	min. Earth dist.	-11725 Dec 24 j 20:51	7°♁33'57	0.57063 AU
morning rise	-11725 Jan 19 j 17:18	23°♁52'20		morning rise	-11725 Dec 30 j 10:59	4°♁35'19	
direct	-11725 Jan 23 j 09:02	23°♁22'57		direct	-11724 Jan 04 j 11:23	3°♁37'26	
desc. node	-11725 Jan 24 j 08:47	23°♁25'10		desc. node	-11724 Jan 11 j 05:28	5°♁22'08	
	-11725 Feb 05 j 19:10	0°♁		morning max el	-11724 Jan 18 j 10:28	10°♁41'56	24°50'28
morning max el	-11725 Feb 05 j 19:37	0°♁01'03	23°14'23		-11724 Feb 02 j 00:13	0°♁	
	-11725 Feb 25 j 16:02	0°♁		morning set	-11724 Feb 13 j 11:23	21°♁48'01	

	-11724 Feb 17 j 07:29	0°♌			morning set	-11723 Jan 24 j 14:40	0°♌	
						-11723 Jan 27 j 23:03	6°♌51'06	
superior conj	-11724 Feb 20 j 11:08	6°♌50'07	0°01'02					
minimum elong	-11724 Feb 20 j 11:07	6°♌50'02	0°00'26		superior conj	-11723 Feb 03 j 22:29	21°♌53'05	-0°21'51
behind sun begin	-11724 Feb 20 j 06:03	6°♌22'34			minimum elong	-11723 Feb 03 j 23:22	21°♌57'58	0°22'11
behind sun end	-11724 Feb 20 j 16:12	7°♌17'30			max. Earth dist.	-11723 Feb 04 j 07:07	22°♌40'13	1.32836 AU
asc. node	-11724 Feb 20 j 08:32	6°♌36'01			asc. node	-11723 Feb 06 j 05:47	26°♌54'10	
max. Earth dist.	-11724 Feb 21 j 18:30	9°♌39'36	1.33183 AU			-11723 Feb 07 j 16:13	0°♌	
evening rise	-11724 Feb 27 j 19:54	22°♌23'37			evening rise	-11723 Feb 11 j 01:47	7°♌10'33	
	-11724 Mar 02 j 16:08	0°♌				-11723 Feb 23 j 05:47	0°♌	
	-11724 Mar 20 j 21:36	0°♌			evening max el	-11723 Mar 13 j 04:01	23°♌55'48	26°45'18
evening max el	-11724 Mar 31 j 00:22	11°♌53'47	27°21'22			-11723 Mar 21 j 13:13	0°♌	
desc. node	-11724 Apr 08 j 05:44	17°♌59'59			desc. node	-11723 Mar 26 j 02:50	1°♌17'38	
retrograde	-11724 Apr 13 j 23:31	19°♌26'43			retrograde	-11723 Mar 27 j 06:41	1°♌21'07	
evening set	-11724 Apr 20 j 19:07	17°♌10'23				-11723 Apr 01 j 19:45	30°♌♌	
min. Earth dist.	-11724 Apr 24 j 12:33	14°♌11'06	0.61958 AU		evening set	-11723 Apr 02 j 13:33	29°♌37'09	
inferior conj	-11724 Apr 27 j 13:46	11°♌16'51	-3°25'50		min. Earth dist.	-11723 Apr 06 j 17:23	26°♌46'49	0.59985 AU
minimum elong	-11724 Apr 27 j 12:58	11°♌18'47	3°26'19		inferior conj	-11723 Apr 10 j 01:20	24°♌00'54	-3°04'15
morning rise	-11724 May 04 j 08:26	6°♌14'34			minimum elong	-11723 Apr 09 j 22:41	24°♌06'28	3°04'30
direct	-11724 May 06 j 23:42	5°♌43'15			morning rise	-11723 Apr 17 j 10:19	19°♌18'21	
morning max el	-11724 May 13 j 16:20	9°♌06'12	18°02'21		direct	-11723 Apr 19 j 21:26	18°♌54'59	
asc. node	-11724 May 18 j 08:18	14°♌50'07			morning max el	-11723 Apr 27 j 04:11	22°♌28'10	18°15'18
	-11724 May 27 j 10:46	0°♌				-11723 May 03 j 02:25	0°♌	
morning set	-11724 May 30 j 04:51	4°♌56'17			asc. node	-11723 May 05 j 05:09	3°♌23'38	
					morning set	-11723 May 13 j 06:27	17°♌56'04	
						-11723 May 19 j 17:43	0°♌	
superior conj	-11724 Jun 10 j 12:03	24°♌51'37	1°47'35					
minimum elong	-11724 Jun 10 j 13:53	24°♌59'29	1°47'25		superior conj	-11723 May 23 j 04:48	6°♌18'15	1°48'02
	-11724 Jun 13 j 12:49	0°♌			minimum elong	-11723 May 23 j 03:33	6°♌12'39	1°47'42
max. Earth dist.	-11724 Jun 17 j 09:28	6°♌24'32	1.42573 AU		max. Earth dist.	-11723 May 30 j 14:06	19°♌13'46	1.40888 AU
evening rise	-11724 Jun 25 j 05:13	18°♌58'23			evening rise	-11723 Jun 04 j 22:36	28°♌08'56	
	-11724 Jul 02 j 08:12	0°♌				-11723 Jun 06 j 01:56	0°♌	
desc. node	-11724 Jul 05 j 02:48	4°♌11'56			desc. node	-11723 Jun 22 j 00:15	24°♌24'03	
	-11724 Jul 23 j 18:23	0°♌				-11723 Jun 25 j 22:58	0°♌	
evening max el	-11724 Jul 26 j 02:20	2°♌32'02	21°25'06		evening max el	-11723 Jul 08 j 17:47	15°♌53'02	22°44'09
retrograde	-11724 Aug 03 j 18:34	7°♌39'02			retrograde	-11723 Jul 18 j 12:37	21°♌41'14	
evening set	-11724 Aug 07 j 23:23	6°♌00'43			evening set	-11723 Jul 23 j 07:25	19°♌41'34	
inferior conj	-11724 Aug 13 j 06:31	29°♌51'28	-0°21'02		inferior conj	-11723 Jul 28 j 12:44	13°♌28'02	-1°08'45
minimum elong	-11724 Aug 13 j 06:57	29°♌49'59	0°20'18		minimum elong	-11723 Jul 28 j 14:06	13°♌23'18	1°07'48
	-11724 Aug 13 j 04:02	30°♌♌			min. Earth dist.	-11723 Jul 28 j 11:47	13°♌31'16	0.67241 AU
min. Earth dist.	-11724 Aug 13 j 16:08	29°♌18'26	0.67044 AU		asc. node	-11723 Aug 01 j 06:08	8°♌42'25	
asc. node	-11724 Aug 14 j 09:14	28°♌20'08			morning rise	-11723 Aug 02 j 20:40	7°♌11'03	
morning rise	-11724 Aug 18 j 14:22	23°♌30'51			direct	-11723 Aug 07 j 06:48	5°♌24'52	
direct	-11724 Aug 23 j 13:41	21°♌26'11			morning max el	-11723 Aug 16 j 15:00	11°♌01'33	22°08'00
morning max el	-11724 Sep 03 j 01:49	27°♌45'20	23°31'24			-11723 Aug 31 j 08:49	0°♌	
	-11724 Sep 05 j 04:15	0°♌			desc. node	-11723 Sep 17 j 21:48	26°♌39'33	
	-11724 Sep 27 j 02:04	0°♌			morning set	-11723 Sep 18 j 00:57	26°♌52'08	
desc. node	-11724 Oct 01 j 00:49	6°♌09'07				-11723 Sep 19 j 23:36	0°♌	
morning set	-11724 Oct 07 j 20:09	17°♌13'54			max. Earth dist.	-11723 Sep 24 j 10:25	7°♌19'16	1.41456 AU
max. Earth dist.	-11724 Oct 12 j 08:40	24°♌57'11	1.39522 AU					
	-11724 Oct 15 j 05:20	0°♌			superior conj	-11723 Oct 01 j 22:57	20°♌13'22	-1°17'05
superior conj	-11724 Oct 19 j 19:32	8°♌22'07	-1°33'14		minimum elong	-11723 Oct 01 j 19:04	19°♌56'17	1°16'06
minimum elong	-11724 Oct 19 j 17:24	8°♌12'15	1°32'35			-11723 Oct 07 j 09:42	0°♌	
evening rise	-11724 Oct 29 j 00:03	25°♌54'10			evening rise	-11723 Oct 12 j 09:35	9°♌11'57	
	-11724 Oct 31 j 03:14	0°♌				-11723 Oct 24 j 11:03	0°♌	
asc. node	-11724 Nov 10 j 08:10	17°♌27'47			asc. node	-11723 Oct 28 j 05:29	4°♌41'13	
evening max el	-11724 Nov 14 j 07:31	22°♌09'27	18°36'27		evening max el	-11723 Oct 28 j 15:22	5°♌06'19	18°12'16
retrograde	-11724 Nov 22 j 04:44	26°♌00'24			retrograde	-11723 Nov 04 j 17:51	8°♌42'44	
evening set	-11724 Nov 24 j 16:20	25°♌38'52			evening set	-11723 Nov 07 j 05:51	8°♌16'40	
inferior conj	-11724 Dec 02 j 08:11	21°♌07'57	4°16'56		inferior conj	-11723 Nov 14 j 09:10	3°♌23'48	4°01'09
minimum elong	-11724 Dec 02 j 07:39	21°♌08'58	4°17'04		minimum elong	-11723 Nov 14 j 06:11	3°♌30'26	4°01'06
min. Earth dist.	-11724 Dec 05 j 13:05	18°♌40'30	0.58743 AU		min. Earth dist.	-11723 Nov 17 j 11:06	0°♌40'26	0.60597 AU
morning rise	-11724 Dec 09 j 21:08	15°♌55'35				-11723 Nov 18 j 06:30	30°♌♌	
direct	-11724 Dec 16 j 01:46	14°♌20'09			morning rise	-11723 Nov 21 j 05:08	27°♌52'03	
desc. node	-11724 Dec 28 j 02:08	19°♌46'50			direct	-11723 Nov 28 j 02:08	25°♌42'08	
morning max el	-11724 Dec 30 j 02:54	21°♌37'00	26°13'37			-11723 Dec 08 j 11:29	0°♌	
	-11723 Jan 06 j 12:10	0°♌			morning max el	-11723 Dec 12 j 01:17	3°♌06'08	27°10'39

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

desc. node	-11723 Dec 14 j 22:48	6° \mathbb{M} 04'58		-11722 Dec 06 j 10:53	0° \mathbb{M}	
	-11723 Dec 31 j 20:29	0° \mathbb{L}		-11722 Dec 24 j 07:13	0° \mathbb{L}	
morning set	-11722 Jan 12 j 07:59	21° \mathbb{L} 44'48		morning set	-11722 Dec 27 j 12:04	6° \mathbb{L} 21'32
	-11722 Jan 16 j 05:38	0° \mathbb{M}		max. Earth dist.	-11721 Jan 02 j 06:54	18° \mathbb{L} 28'47 1.33133 AU
superior conj	-11722 Jan 19 j 10:20	6° \mathbb{M} 56'29	-0°43'18	superior conj	-11721 Jan 03 j 21:02	21° \mathbb{L} 54'29 -1°02'35
minimum elong	-11722 Jan 19 j 11:56	7° \mathbb{M} 05'15	0°43'23	minimum elong	-11721 Jan 03 j 23:04	22° \mathbb{L} 05'27 1°02'29
max. Earth dist.	-11722 Jan 18 j 20:31	5° \mathbb{M} 41'10	1.32814 AU		-11721 Jan 07 j 14:39	0° \mathbb{M}
asc. node	-11722 Jan 24 j 03:04	17° \mathbb{M} 08'56		evening rise	-11721 Jan 10 j 22:15	7° \mathbb{M} 04'43
evening rise	-11722 Jan 26 j 11:10	22° \mathbb{M} 06'30		asc. node	-11721 Jan 11 j 00:23	7° \mathbb{M} 15'56
	-11722 Jan 30 j 08:14	0° \mathbb{L}			-11721 Jan 23 j 03:28	0° \mathbb{L}
	-11722 Feb 18 j 03:10	0° \mathbb{Z}		evening max el	-11721 Feb 04 j 19:36	16° \mathbb{L} 17'28 24°13'08
evening max el	-11722 Feb 23 j 01:58	5° \mathbb{Z} 20'20	25°39'32	retrograde	-11721 Feb 18 j 13:02	23° \mathbb{L} 06'20
retrograde	-11722 Mar 09 j 03:43	12° \mathbb{Z} 32'20		evening set	-11721 Feb 22 j 20:06	22° \mathbb{L} 25'07
desc. node	-11722 Mar 12 j 23:53	11° \mathbb{Z} 56'47		desc. node	-11721 Feb 27 j 20:52	20° \mathbb{L} 06'22
evening set	-11722 Mar 14 j 12:58	11° \mathbb{Z} 23'01		min. Earth dist.	-11721 Mar 01 j 08:50	19° \mathbb{L} 12'32 0.56491 AU
min. Earth dist.	-11722 Mar 19 j 15:16	8° \mathbb{Z} 27'46	0.58060 AU	inferior conj	-11721 Mar 03 j 16:39	17° \mathbb{L} 44'50 -0°57'28
inferior conj	-11722 Mar 22 j 18:54	6° \mathbb{Z} 12'12	-2°15'56	minimum elong	-11721 Mar 03 j 14:27	17° \mathbb{L} 48'19 0°57'27
minimum elong	-11722 Mar 22 j 15:16	6° \mathbb{Z} 18'47	2°15'45	morning rise	-11721 Mar 12 j 11:45	13° \mathbb{L} 37'12
morning rise	-11722 Mar 30 j 20:44	1° \mathbb{Z} 49'08		direct	-11721 Mar 14 j 15:51	13° \mathbb{L} 24'29
direct	-11722 Apr 02 j 03:44	1° \mathbb{Z} 32'14		morning max el	-11721 Mar 24 j 10:09	18° \mathbb{L} 01'02 19°40'02
morning max el	-11722 Apr 10 j 11:06	5° \mathbb{Z} 29'36	18°47'48		-11721 Apr 02 j 09:48	0° \mathbb{Z}
asc. node	-11722 Apr 22 j 02:03	22° \mathbb{Z} 31'12		asc. node	-11721 Apr 08 j 22:59	12° \mathbb{Z} 04'12
	-11722 Apr 26 j 00:49	0° \mathbb{Z}		morning set	-11721 Apr 10 j 20:56	15° \mathbb{Z} 52'09
morning set	-11722 Apr 26 j 21:04	1° \mathbb{Z} 38'09			-11721 Apr 17 j 21:45	0° \mathbb{Z}
superior conj	-11722 May 05 j 18:57	18° \mathbb{Z} 51'11	1°38'10	superior conj	-11721 Apr 19 j 00:59	2° \mathbb{Z} 14'49 1°21'34
minimum elong	-11722 May 05 j 16:11	18° \mathbb{Z} 38'07	1°37'31	minimum elong	-11721 Apr 18 j 21:58	1° \mathbb{Z} 59'54 1°20'38
	-11722 May 11 j 20:14	0° \mathbb{H}		max. Earth dist.	-11721 Apr 24 j 16:28	13° \mathbb{Z} 06'41 1.37199 AU
max. Earth dist.	-11722 May 12 j 14:59	1° \mathbb{H} 23'40	1.39013 AU	evening rise	-11721 Apr 28 j 17:12	20° \mathbb{Z} 30'13
evening rise	-11722 May 16 j 19:04	8° \mathbb{H} 40'18			-11721 May 04 j 03:56	0° \mathbb{H}
	-11722 May 30 j 00:36	0° \mathbb{Y}			-11721 May 23 j 23:05	0° \mathbb{Y}
desc. node	-11722 Jun 08 j 21:43	14° \mathbb{Y} 16'32		desc. node	-11721 May 26 j 19:11	3° \mathbb{Y} 40'34
evening max el	-11722 Jun 21 j 04:48	29° \mathbb{Y} 13'18	24°06'28	evening max el	-11721 Jun 03 j 14:16	12° \mathbb{Y} 34'18 25°24'21
	-11722 Jun 21 j 23:47	0° \mathbb{B}		retrograde	-11721 Jun 15 j 14:29	19° \mathbb{Y} 36'53
retrograde	-11722 Jul 02 j 03:31	5° \mathbb{B} 42'20		evening set	-11721 Jun 21 j 14:27	16° \mathbb{Y} 59'48
evening set	-11722 Jul 07 j 13:07	3° \mathbb{B} 22'00		min. Earth dist.	-11721 Jun 25 j 22:36	12° \mathbb{Y} 03'36 0.66668 AU
	-11722 Jul 10 j 14:45	30° \mathbb{R} \mathbb{Y}		inferior conj	-11721 Jun 26 j 22:48	10° \mathbb{Y} 44'12 -2°29'37
inferior conj	-11722 Jul 12 j 18:46	27° \mathbb{Y} 06'22	-1°52'03	minimum elong	-11721 Jun 27 j 01:08	10° \mathbb{Y} 36'31 2°28'55
minimum elong	-11722 Jul 12 j 20:47	26° \mathbb{Y} 59'27	1°51'07	morning rise	-11721 Jul 02 j 11:52	4° \mathbb{Y} 44'27
min. Earth dist.	-11722 Jul 12 j 06:43	27° \mathbb{Y} 47'25	0.67127 AU	asc. node	-11721 Jul 05 j 23:46	3° \mathbb{Y} 32'00
morning rise	-11722 Jul 18 j 04:25	20° \mathbb{Y} 56'29		direct	-11721 Jul 06 j 00:37	3° \mathbb{Y} 32'00
asc. node	-11722 Jul 19 j 02:59	20° \mathbb{Y} 19'01		morning max el	-11721 Jul 13 j 11:03	7° \mathbb{Y} 50'53 19°45'18
direct	-11722 Jul 22 j 02:55	19° \mathbb{Y} 28'03			-11721 Jul 29 j 10:57	0° \mathbb{B}
morning max el	-11722 Jul 30 j 09:47	24° \mathbb{Y} 23'04	20°50'58	morning set	-11721 Aug 07 j 12:44	14° \mathbb{B} 04'53
	-11722 Aug 04 j 04:54	0° \mathbb{B}			-11721 Aug 17 j 16:01	0° \mathbb{H}
	-11722 Aug 24 j 18:53	0° \mathbb{H}		max. Earth dist.	-11721 Aug 20 j 07:45	4° \mathbb{H} 12'50 1.44161 AU
morning set	-11722 Aug 28 j 08:54	5° \mathbb{H} 33'19		desc. node	-11721 Aug 22 j 16:07	7° \mathbb{H} 57'48
desc. node	-11722 Sep 04 j 18:55	17° \mathbb{H} 17'03		superior conj	-11721 Aug 23 j 24:00	10° \mathbb{H} 05'42 -0°07'59
max. Earth dist.	-11722 Sep 06 j 18:32	20° \mathbb{H} 29'01	1.43076 AU	minimum elong	-11721 Aug 23 j 23:10	10° \mathbb{H} 02'20 0°07'16
	-11722 Sep 12 j 13:27	0° \mathbb{E}		behind sun begin	-11721 Aug 23 j 13:18	9° \mathbb{H} 22'43
superior conj	-11722 Sep 13 j 01:19	0° \mathbb{E} 49'35	-0°48'24	behind sun end	-11721 Aug 24 j 09:01	10° \mathbb{H} 41'59
minimum elong	-11722 Sep 12 j 21:16	0° \mathbb{E} 32'41	0°47'16		-11721 Sep 05 j 03:14	0° \mathbb{E}
evening rise	-11722 Sep 25 j 04:40	21° \mathbb{E} 46'27		evening rise	-11721 Sep 07 j 03:59	3° \mathbb{E} 24'20
	-11722 Sep 29 j 20:49	0° \mathbb{L}			-11721 Sep 24 j 03:30	0° \mathbb{L}
evening max el	-11722 Oct 12 j 03:37	18° \mathbb{L} 20'13	18°07'38	evening max el	-11721 Sep 25 j 17:15	1° \mathbb{L} 44'31 18°21'40
asc. node	-11722 Oct 15 j 02:43	20° \mathbb{L} 44'30		asc. node	-11721 Oct 01 j 23:53	5° \mathbb{L} 21'25
retrograde	-11722 Oct 18 j 20:25	21° \mathbb{L} 52'40		retrograde	-11721 Oct 02 j 08:09	5° \mathbb{L} 22'03
evening set	-11722 Oct 21 j 10:34	21° \mathbb{L} 20'21		evening set	-11721 Oct 05 j 02:42	4° \mathbb{L} 40'57
inferior conj	-11722 Oct 28 j 02:21	16° \mathbb{L} 07'02	3°26'57		-11721 Oct 10 j 14:21	30° \mathbb{R} \mathbb{E}
minimum elong	-11722 Oct 27 j 22:33	16° \mathbb{L} 16'38	3°26'34	inferior conj	-11721 Oct 11 j 08:17	29° \mathbb{E} 10'04 2°42'08
min. Earth dist.	-11722 Oct 30 j 18:12	13° \mathbb{L} 26'36	0.62373 AU	minimum elong	-11721 Oct 11 j 04:49	29° \mathbb{E} 19'49 2°41'41
morning rise	-11722 Nov 03 j 09:30	10° \mathbb{L} 18'28		min. Earth dist.	-11721 Oct 13 j 11:34	26° \mathbb{E} 46'37 0.63923 AU
direct	-11722 Nov 10 j 11:02	7° \mathbb{L} 44'58		morning rise	-11721 Oct 17 j 06:10	23° \mathbb{E} 07'55
morning max el	-11722 Nov 24 j 06:01	15° \mathbb{L} 15'13	27°34'05	direct	-11721 Oct 24 j 03:23	20° \mathbb{E} 24'08
desc. node	-11722 Dec 01 j 19:28	23° \mathbb{L} 45'33		morning max el	-11721 Nov 06 j 14:50	27° \mathbb{E} 57'11 27°23'09

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11721 Nov 08 j 14:59	0°♌		direct	-11720 Oct 06 j 02:18	3°♊32'35	
desc. node	-11721 Nov 18 j 16:10	12°♌24'53		morning max el	-11720 Oct 19 j 00:59	10°♊59'53	26°42'03
	-11721 Nov 30 j 02:48	0°♍			-11720 Nov 03 j 07:54	0°♌	
morning set	-11721 Dec 11 j 08:38	20°♍32'26		desc. node	-11720 Nov 04 j 12:51	1°♌45'32	
	-11721 Dec 16 j 00:37	0°♎			-11720 Nov 21 j 13:46	0°♍	
max. Earth dist.	-11721 Dec 16 j 10:26	0°♎51'06	1.33831 AU	morning set	-11720 Nov 23 j 18:11	4°♍05'34	
				max. Earth dist.	-11720 Nov 28 j 03:53	12°♍40'43	1.34959 AU
superior conj	-11721 Dec 19 j 04:47	6°♎40'47	-1°18'51				
minimum elong	-11721 Dec 19 j 06:51	6°♎51'46	1°18'39	superior conj	-11720 Dec 02 j 07:23	21°♍07'19	-1°31'04
evening rise	-11721 Dec 26 j 09:20	21°♎59'22		minimum elong	-11720 Dec 02 j 09:01	21°♍15'43	1°30'49
asc. node	-11721 Dec 28 j 21:43	27°♎10'19			-11720 Dec 06 j 13:21	0°♏	
	-11721 Dec 30 j 07:42	0°♐		evening rise	-11720 Dec 09 j 18:43	6°♏43'51	
evening max el	-11720 Jan 17 j 13:35	27°♐10'00	22°39'14	asc. node	-11720 Dec 14 j 19:03	16°♏45'33	
	-11720 Jan 21 j 00:20	0°♑			-11720 Dec 22 j 14:28	0°♐	
retrograde	-11720 Jan 30 j 10:37	3°♑21'22		evening max el	-11720 Dec 29 j 13:16	8°♐19'27	21°10'18
evening set	-11720 Feb 02 j 18:58	2°♑56'49		retrograde	-11719 Jan 10 j 00:55	13°♐43'32	
	-11720 Feb 09 j 16:30	30°♑♌		evening set	-11719 Jan 12 j 20:17	13°♐25'22	
min. Earth dist.	-11720 Feb 11 j 00:23	29°♐14'35	0.55583 AU	inferior conj	-11719 Jan 21 j 18:53	9°♐26'15	2°25'08
inferior conj	-11720 Feb 11 j 21:32	28°♐43'59	0°43'49	minimum elong	-11719 Jan 22 j 00:18	9°♐18'27	2°23'15
minimum elong	-11720 Feb 11 j 23:23	28°♐41'18	0°42'41	min. Earth dist.	-11719 Jan 22 j 14:31	8°♐58'01	0.55527 AU
desc. node	-11720 Feb 14 j 17:45	27°♐08'05		morning rise	-11719 Jan 31 j 03:24	5°♐12'18	
morning rise	-11720 Feb 21 j 05:05	24°♐40'42		desc. node	-11719 Jan 31 j 14:32	5°♐06'40	
direct	-11720 Feb 23 j 12:29	24°♐28'08		direct	-11719 Feb 03 j 03:31	4°♐52'18	
morning max el	-11720 Mar 05 j 22:48	29°♐54'59	20°51'21	morning max el	-11719 Feb 16 j 00:03	11°♐08'12	22°19'04
	-11720 Mar 06 j 00:54	0°♑			-11719 Mar 01 j 15:36	0°♑	
	-11720 Mar 24 j 21:15	0°♒		morning set	-11719 Mar 09 j 13:23	15°♑24'13	
morning set	-11720 Mar 25 j 03:10	0°♒30'16		asc. node	-11719 Mar 12 j 17:03	22°♑01'55	
asc. node	-11720 Mar 25 j 19:59	1°♒56'31			-11719 Mar 16 j 11:19	0°♒	
superior conj	-11720 Apr 01 j 18:30	16°♒16'49	1°00'56	superior conj	-11719 Mar 16 j 20:02	0°♒45'53	0°38'09
minimum elong	-11720 Apr 01 j 16:00	16°♒03'58	0°59'54	minimum elong	-11719 Mar 16 j 18:24	0°♒37'21	0°37'11
max. Earth dist.	-11720 Apr 06 j 01:02	24°♒52'00	1.35642 AU	max. Earth dist.	-11719 Mar 19 j 19:57	7°♒00'28	1.34422 AU
	-11720 Apr 08 j 16:26	0°♓		evening rise	-11719 Mar 24 j 20:48	17°♒06'03	
evening rise	-11720 Apr 10 j 11:37	3°♓24'34			-11719 Mar 31 j 19:18	0°♓	
	-11720 Apr 26 j 01:53	0°♈			-11719 Apr 20 j 10:06	0°♈	
desc. node	-11720 May 12 j 16:35	22°♈24'36		evening max el	-11719 Apr 28 j 11:28	9°♈08'51	27°12'16
evening max el	-11720 May 16 j 00:29	25°♈55'27	26°29'02	desc. node	-11719 Apr 29 j 13:56	10°♈11'54	
	-11720 May 20 j 17:00	0°♉		retrograde	-11719 May 11 j 21:45	16°♈41'38	
retrograde	-11720 May 28 j 20:50	3°♉19'08		evening set	-11719 May 18 j 18:23	13°♈56'58	
evening set	-11720 Jun 04 j 09:06	0°♉32'53		min. Earth dist.	-11719 May 22 j 12:36	10°♈16'29	0.64617 AU
	-11720 Jun 04 j 23:44	30°♉♈		inferior conj	-11719 May 24 j 16:39	7°♈48'39	-3°20'34
min. Earth dist.	-11720 Jun 08 j 09:15	26°♈15'47	0.65839 AU	minimum elong	-11719 May 24 j 18:09	7°♈44'20	3°20'41
inferior conj	-11720 Jun 09 j 22:52	24°♈19'34	-2°59'50	morning rise	-11719 May 30 j 18:25	2°♈17'20	
minimum elong	-11720 Jun 10 j 01:04	24°♈12'44	2°59'31	direct	-11719 Jun 02 j 17:16	1°♈30'26	
morning rise	-11720 Jun 15 j 17:13	18°♈32'44		asc. node	-11719 Jun 08 j 17:19	4°♈31'22	
direct	-11720 Jun 18 j 22:10	17°♈34'03		morning max el	-11719 Jun 09 j 05:48	5°♈01'52	18°19'58
asc. node	-11720 Jun 21 j 20:32	18°♈20'32			-11719 Jun 25 j 22:11	0°♉	
morning max el	-11720 Jun 25 j 18:15	21°♈24'40	18°54'16	morning set	-11719 Jun 28 j 02:55	3°♉40'26	
	-11720 Jul 02 j 11:34	0°♉					
morning set	-11720 Jul 17 j 07:31	23°♉18'26		superior conj	-11719 Jul 12 j 05:45	26°♉49'18	1°16'49
	-11720 Jul 21 j 11:55	0°♊		minimum elong	-11719 Jul 12 j 12:20	27°♉15'44	1°16'30
					-11719 Jul 14 j 05:25	0°♊	
superior conj	-11720 Aug 02 j 02:45	18°♊26'21	0°37'37	max. Earth dist.	-11719 Jul 15 j 16:03	2°♊18'02	1.44305 AU
minimum elong	-11720 Aug 02 j 07:12	18°♊43'59	0°37'34	desc. node	-11719 Jul 26 j 10:44	19°♊16'45	
max. Earth dist.	-11720 Aug 01 j 23:47	18°♊14'39	1.44585 AU	evening rise	-11719 Jul 28 j 20:59	23°♊04'16	
desc. node	-11720 Aug 08 j 13:23	28°♊38'44			-11719 Aug 02 j 07:47	0°♋	
	-11720 Aug 09 j 09:50	0°♋		greatest brilliancy	-11719 Aug 09 j 08:13	10°♋48'14	-0.7m
evening rise	-11720 Aug 18 j 02:00	13°♋51'41		evening max el	-11719 Aug 22 j 13:42	28°♋44'11	19°41'06
	-11720 Aug 28 j 04:12	0°♌			-11719 Aug 23 j 21:10	0°♌	
evening max el	-11720 Sep 08 j 05:30	15°♌14'03	18°53'14	retrograde	-11719 Aug 29 j 21:34	2°♌57'28	
retrograde	-11720 Sep 15 j 01:28	19°♌04'58		evening set	-11719 Sep 02 j 07:58	1°♌49'04	
asc. node	-11720 Sep 17 j 20:59	18°♌19'57			-11719 Sep 04 j 11:18	30°♌♋	
evening set	-11720 Sep 18 j 02:46	18°♌11'57		asc. node	-11719 Sep 04 j 18:00	29°♋42'34	
inferior conj	-11720 Sep 23 j 23:45	12°♌26'34	1°51'54	inferior conj	-11719 Sep 07 j 22:04	25°♋52'06	0°59'43
minimum elong	-11720 Sep 23 j 21:13	12°♌34'18	1°51'39	minimum elong	-11719 Sep 07 j 20:42	25°♋56'32	0°59'51
min. Earth dist.	-11720 Sep 25 j 14:18	10°♌29'07	0.65187 AU	min. Earth dist.	-11719 Sep 09 j 00:41	24°♋25'42	0.66144 AU
morning rise	-11720 Sep 29 j 15:09	6°♌14'27		morning rise	-11719 Sep 13 j 09:08	19°♋33'50	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

direct	-11719 Sep 19 j 06:58	17° Π 02'53		transit end	-11718 Aug 23 j 03:07	9° Π 15'42	
morning max el	-11719 Oct 01 j 10:53	24° Π 12'38	25°38'02	min. Earth dist.	-11718 Aug 23 j 16:32	8° Π 30'14	0.66797 AU
	-11719 Oct 06 j 16:52	0° \mathfrak{S}		morning rise	-11718 Aug 28 j 09:31	3° Π 02'15	
desc. node	-11719 Oct 22 j 09:38	21° \mathfrak{S} 35'42		direct	-11718 Sep 02 j 16:54	0° Π 47'30	
	-11719 Oct 27 j 17:35	0° Ω		morning max el	-11718 Sep 13 j 20:40	7° Π 27'51	24°19'38
morning set	-11719 Nov 06 j 12:22	16° Ω 48'24			-11718 Oct 01 j 11:39	0° \mathfrak{S}	
max. Earth dist.	-11719 Nov 10 j 10:51	24° Ω 06'33	1.36513 AU	desc. node	-11718 Oct 09 j 06:29	11° \mathfrak{S} 46'05	
	-11719 Nov 13 j 12:17	0° \mathfrak{M}		morning set	-11718 Oct 19 j 09:53	28° \mathfrak{S} 26'17	
					-11718 Oct 20 j 07:32	0° Ω	
superior conj	-11719 Nov 16 j 02:10	5° \mathfrak{M} 05'49	-1°37'53	max. Earth dist.	-11718 Oct 23 j 10:54	5° Ω 32'54	1.38383 AU
minimum elong	-11719 Nov 16 j 02:46	5° \mathfrak{M} 08'49	1°37'34				
evening rise	-11719 Nov 24 j 00:39	21° \mathfrak{M} 12'53		superior conj	-11718 Oct 30 j 09:29	18° Ω 25'07	-1°37'32
	-11719 Nov 28 j 11:13	0° \mathfrak{L}		minimum elong	-11718 Oct 30 j 08:29	18° Ω 20'16	1°37'03
asc. node	-11719 Dec 01 j 16:24	5° \mathfrak{L} 54'21			-11718 Nov 05 j 08:06	0° \mathfrak{M}	
evening max el	-11719 Dec 11 j 22:14	19° \mathfrak{L} 59'34	19°55'23	evening rise	-11718 Nov 08 j 00:55	5° \mathfrak{M} 19'54	
retrograde	-11719 Dec 21 j 19:50	24° \mathfrak{L} 38'55		asc. node	-11718 Nov 18 j 13:43	24° \mathfrak{M} 27'39	
evening set	-11719 Dec 24 j 09:59	24° \mathfrak{L} 21'15			-11718 Nov 22 j 15:20	0° \mathfrak{L}	
inferior conj	-11718 Jan 01 j 21:59	20° \mathfrak{L} 17'52	3°39'10	evening max el	-11718 Nov 24 j 17:21	2° \mathfrak{L} 13'17	18°59'22
minimum elong	-11718 Jan 02 j 03:00	20° \mathfrak{L} 10'04	3°38'06	retrograde	-11718 Dec 03 j 05:51	6° \mathfrak{L} 18'40	
min. Earth dist.	-11718 Jan 04 j 03:40	18° \mathfrak{L} 54'32	0.56314 AU	evening set	-11718 Dec 05 j 17:49	5° \mathfrak{L} 59'02	
morning rise	-11718 Jan 10 j 18:04	15° \mathfrak{L} 42'18		inferior conj	-11718 Dec 13 j 17:02	1° \mathfrak{L} 39'31	4°13'39
direct	-11718 Jan 14 j 23:45	15° \mathfrak{L} 02'23		minimum elong	-11718 Dec 13 j 18:36	1° \mathfrak{L} 36'44	4°13'35
desc. node	-11718 Jan 18 j 11:16	15° \mathfrak{L} 30'05			-11718 Dec 16 j 00:57	30° \mathfrak{R} \mathfrak{M}	
morning max el	-11718 Jan 28 j 16:49	21° \mathfrak{L} 53'05	23°55'44	min. Earth dist.	-11718 Dec 16 j 17:50	29° \mathfrak{M} 30'48	0.57740 AU
	-11718 Feb 04 j 17:34	0° \mathfrak{M}		morning rise	-11718 Dec 21 j 17:22	26° \mathfrak{M} 39'36	
	-11718 Feb 21 j 20:25	0° \mathfrak{J}		direct	-11718 Dec 27 j 06:46	25° \mathfrak{M} 26'32	
morning set	-11718 Feb 22 j 01:36	0° \mathfrak{J} 27'09		desc. node	-11717 Jan 05 j 07:58	28° \mathfrak{M} 33'24	
asc. node	-11718 Feb 27 j 14:11	12° \mathfrak{J} 15'40			-11717 Jan 07 j 07:46	0° \mathfrak{L}	
				morning max el	-11717 Jan 10 j 07:40	2° \mathfrak{L} 36'47	25°28'21
superior conj	-11718 Mar 01 j 02:58	15° \mathfrak{J} 33'39	0°14'34		-11717 Jan 29 j 16:57	0° \mathfrak{M}	
minimum elong	-11718 Mar 01 j 02:22	15° \mathfrak{J} 30'25	0°13'48	morning set	-11717 Feb 06 j 14:01	15° \mathfrak{M} 32'30	
behind sun begin	-11718 Feb 28 j 23:51	15° \mathfrak{J} 16'57			-11717 Feb 13 j 07:08	0° \mathfrak{J}	
behind sun end	-11718 Mar 01 j 04:52	15° \mathfrak{J} 43'53					
max. Earth dist.	-11718 Mar 03 j 00:17	19° \mathfrak{J} 35'55	1.33546 AU	superior conj	-11717 Feb 13 j 13:14	0° \mathfrak{J} 33'09	-0°08'49
	-11718 Mar 08 j 00:20	0° \mathfrak{Z}		minimum elong	-11717 Feb 13 j 13:37	0° \mathfrak{J} 35'15	0°09'18
evening rise	-11718 Mar 08 j 16:26	1° \mathfrak{Z} 21'02		behind sun begin	-11717 Feb 13 j 09:32	0° \mathfrak{J} 12'59	
	-11718 Mar 24 j 18:31	0° \mathfrak{A}		behind sun end	-11717 Feb 13 j 17:43	0° \mathfrak{J} 57'31	
evening max el	-11718 Apr 10 j 21:20	22° \mathfrak{A} 02'28	27°27'10	asc. node	-11717 Feb 14 j 11:23	2° \mathfrak{J} 33'32	
desc. node	-11718 Apr 16 j 11:11	26° \mathfrak{A} 39'21		max. Earth dist.	-11717 Feb 14 j 10:57	2° \mathfrak{J} 31'08	1.32999 AU
retrograde	-11718 Apr 24 j 16:31	29° \mathfrak{A} 36'14		evening rise	-11717 Feb 20 j 19:19	15° \mathfrak{J} 58'56	
evening set	-11718 May 01 j 15:06	27° \mathfrak{A} 05'53			-11717 Feb 28 j 00:20	0° \mathfrak{Z}	
min. Earth dist.	-11718 May 05 j 07:03	23° \mathfrak{A} 55'02	0.63021 AU		-11717 Mar 19 j 23:33	0° \mathfrak{A}	
inferior conj	-11718 May 08 j 01:20	21° \mathfrak{A} 05'55	-3°28'38	evening max el	-11717 Mar 24 j 03:40	4° \mathfrak{A} 25'13	27°09'52
minimum elong	-11718 May 08 j 01:32	21° \mathfrak{A} 05'24	3°29'04	desc. node	-11717 Apr 03 j 08:22	11° \mathfrak{A} 16'49	
morning rise	-11718 May 14 j 13:02	15° \mathfrak{A} 52'33		retrograde	-11717 Apr 07 j 04:23	11° \mathfrak{A} 55'25	
direct	-11718 May 17 j 07:00	15° \mathfrak{A} 15'49		evening set	-11717 Apr 13 j 20:02	9° \mathfrak{A} 51'39	
morning max el	-11718 May 23 j 19:33	18° \mathfrak{A} 38'18	18°03'30	min. Earth dist.	-11717 Apr 17 j 16:26	6° \mathfrak{A} 58'20	0.61133 AU
asc. node	-11718 May 26 j 14:06	21° \mathfrak{A} 48'35		inferior conj	-11717 Apr 20 j 21:41	4° \mathfrak{A} 04'49	-3°19'34
	-11718 Jun 01 j 02:39	0° \mathfrak{H}		minimum elong	-11717 Apr 20 j 20:04	4° \mathfrak{A} 08'28	3°19'59
morning set	-11718 Jun 09 j 22:45	15° \mathfrak{H} 11'07			-11717 Apr 26 j 03:52	30° \mathfrak{R} \mathfrak{Z}	
	-11718 Jun 18 j 12:28	0° \mathfrak{Y}		morning rise	-11717 Apr 27 j 22:07	29° \mathfrak{Z} 11'08	
				direct	-11717 Apr 30 j 11:41	28° \mathfrak{Z} 43'18	
superior conj	-11718 Jun 22 j 04:46	6° \mathfrak{Y} 11'04	1°41'04		-11717 May 04 j 16:01	0° \mathfrak{A}	
minimum elong	-11718 Jun 22 j 08:49	6° \mathfrak{Y} 27'53	1°40'53	morning max el	-11717 May 07 j 09:00	2° \mathfrak{A} 08'38	18°05'35
max. Earth dist.	-11718 Jun 28 j 05:34	16° \mathfrak{Y} 04'57	1.43364 AU	asc. node	-11717 May 13 j 10:57	9° \mathfrak{A} 58'10	
	-11718 Jul 06 j 23:55	0° \mathfrak{B}		morning set	-11717 May 23 j 14:54	27° \mathfrak{A} 41'53	
evening rise	-11718 Jul 07 j 22:22	1° \mathfrak{B} 27'27			-11717 May 24 j 21:05	0° \mathfrak{H}	
desc. node	-11718 Jul 13 j 08:08	9° \mathfrak{B} 47'58					
	-11718 Jul 26 j 23:22	0° Π		superior conj	-11717 Jun 03 j 07:00	16° \mathfrak{H} 54'19	1°49'18
evening max el	-11718 Aug 05 j 15:41	12° Π 10'36	20°43'36	minimum elong	-11717 Jun 03 j 07:22	16° \mathfrak{H} 55'52	1°49'06
retrograde	-11718 Aug 13 j 18:15	16° Π 55'34		max. Earth dist.	-11717 Jun 10 j 13:35	29° \mathfrak{H} 18'20	1.41891 AU
evening set	-11718 Aug 17 j 15:52	15° Π 28'41			-11717 Jun 10 j 23:37	0° \mathfrak{Y}	
asc. node	-11718 Aug 22 j 14:58	9° Π 56'45		evening rise	-11717 Jun 17 j 04:00	10° \mathfrak{Y} 03'17	
inferior conj	-11718 Aug 23 j 00:57	9° Π 22'59	0°07'54	desc. node	-11717 Jun 30 j 05:35	0° \mathfrak{B} 08'35	
minimum elong	-11718 Aug 23 j 00:46	9° Π 23'38	0°08'26		-11717 Jun 30 j 03:15	0° \mathfrak{B}	
transit middle	-11718 Aug 23 j 00:46	9° Π 23'38	0°08'26	evening max el	-11717 Jul 19 j 10:37	25° \mathfrak{B} 32'37	21°57'51
transit begin	-11718 Aug 22 j 22:26	9° Π 31'33			-11717 Jul 25 j 01:28	0° Π	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

retrograde	-11717 Jul 28 j 13:48	0° Π 57'09		evening set	-11716 Jul 16 j 07:42	12° \mathcal{B} 50'27	
	-11717 Jul 31 j 19:55	30° \mathcal{R} 8		inferior conj	-11716 Jul 21 j 12:52	6° \mathcal{B} 35'32	-1°27'45
evening set	-11717 Aug 02 j 00:25	29° \mathcal{B} 09'37		minimum elong	-11716 Jul 21 j 14:33	6° \mathcal{B} 29'43	1°26'48
inferior conj	-11717 Aug 07 j 06:30	22° \mathcal{B} 57'58	-0°41'44	min. Earth dist.	-11716 Jul 21 j 07:19	6° \mathcal{B} 54'40	0.67227 AU
minimum elong	-11717 Aug 07 j 07:21	22° \mathcal{B} 55'01	0°40'54	asc. node	-11716 Jul 26 j 08:47	0° \mathcal{B} 47'05	
min. Earth dist.	-11717 Aug 07 j 11:34	22° \mathcal{B} 40'29	0.67161 AU	morning rise	-11716 Jul 26 j 21:19	0° \mathcal{B} 20'55	
asc. node	-11717 Aug 09 j 11:54	19° \mathcal{B} 58'06			-11716 Jul 27 j 08:33	30° \mathcal{R} 7	
morning rise	-11717 Aug 12 j 14:12	16° \mathcal{B} 38'29		direct	-11716 Jul 31 j 02:11	28° \mathcal{Y} 42'31	
direct	-11717 Aug 17 j 07:37	14° \mathcal{B} 41'56			-11716 Aug 04 j 03:37	0° \mathcal{B}	
morning max el	-11717 Aug 27 j 07:59	20° \mathcal{B} 43'40	22°55'36	morning max el	-11716 Aug 08 j 23:19	4° \mathcal{B} 01'40	21°34'04
	-11717 Sep 04 j 04:09	0° Π			-11716 Aug 28 j 07:36	0° Π	
	-11717 Sep 24 j 18:27	0° \mathcal{E}		morning set	-11716 Sep 09 j 00:32	17° \mathcal{II} 58'22	
desc. node	-11717 Sep 26 j 03:26	2° \mathcal{E} 10'35		desc. node	-11716 Sep 12 j 00:28	22° \mathcal{II} 44'30	
morning set	-11717 Sep 30 j 05:59	8° \mathcal{E} 48'31			-11716 Sep 16 j 11:46	0° \mathcal{E}	
max. Earth dist.	-11717 Oct 05 j 10:07	17° \mathcal{E} 27'55	1.40363 AU	max. Earth dist.	-11716 Sep 16 j 13:51	0° \mathcal{E} 08'33	1.42188 AU
	-11717 Oct 12 j 13:07	0° \mathcal{Q}					
				superior conj	-11716 Sep 23 j 18:05	12° \mathcal{E} 13'20	-1°06'30
superior conj	-11717 Oct 13 j 00:40	0° \mathcal{Q} 52'23	-1°27'50	minimum elong	-11716 Sep 23 j 13:49	11° \mathcal{E} 54'59	1°05'24
minimum elong	-11717 Oct 12 j 21:43	0° \mathcal{Q} 38'59	1°27'02		-11716 Oct 03 j 18:36	0° \mathcal{Q}	
evening rise	-11717 Oct 22 j 16:49	18° \mathcal{Q} 57'59		evening rise	-11716 Oct 04 j 20:47	1° \mathcal{Q} 58'44	
	-11717 Oct 28 j 15:04	0° \mathcal{N}		evening max el	-11716 Oct 21 j 07:26	28° \mathcal{Q} 02'14	18°08'04
asc. node	-11717 Nov 05 j 11:03	12° \mathcal{N} 14'13		asc. node	-11716 Oct 22 j 08:19	29° \mathcal{Q} 00'13	
evening max el	-11717 Nov 07 j 21:17	14° \mathcal{N} 56'35	18°23'42		-11716 Oct 23 j 15:02	0° \mathcal{N}	
retrograde	-11717 Nov 15 j 09:36	18° \mathcal{N} 40'18		retrograde	-11716 Oct 28 j 04:50	1° \mathcal{N} 35'41	
evening set	-11717 Nov 17 j 21:01	18° \mathcal{N} 17'10		evening set	-11716 Oct 30 j 17:28	1° \mathcal{N} 07'18	
inferior conj	-11717 Nov 25 j 07:26	13° \mathcal{N} 36'57	4°13'09		-11716 Nov 01 j 22:24	30° \mathcal{R} 8	
minimum elong	-11717 Nov 25 j 05:40	13° \mathcal{N} 40'36	4°13'15	inferior conj	-11716 Nov 06 j 15:46	26° \mathcal{Q} 05'50	3°48'24
min. Earth dist.	-11717 Nov 28 j 12:18	11° \mathcal{N} 00'01	0.59521 AU	minimum elong	-11716 Nov 06 j 12:15	26° \mathcal{Q} 14'06	3°48'11
morning rise	-11717 Dec 02 j 12:36	8° \mathcal{N} 15'36		min. Earth dist.	-11716 Nov 09 j 14:10	23° \mathcal{Q} 21'17	0.61366 AU
direct	-11717 Dec 09 j 01:31	6° \mathcal{N} 24'33		morning rise	-11716 Nov 13 j 05:46	20° \mathcal{Q} 26'36	
morning max el	-11717 Dec 23 j 02:35	13° \mathcal{N} 45'29	26°41'44	direct	-11716 Nov 20 j 06:07	18° \mathcal{Q} 04'38	
desc. node	-11717 Dec 23 j 04:39	13° \mathcal{N} 50'27		morning max el	-11716 Dec 04 j 03:46	25° \mathcal{Q} 32'11	27°24'53
	-11716 Jan 05 j 03:15	0° \mathcal{L}			-11716 Dec 08 j 08:58	0° \mathcal{N}	
	-11716 Jan 21 j 18:29	0° \mathcal{M}		desc. node	-11716 Dec 09 j 01:19	0° \mathcal{N} 47'30	
morning set	-11716 Jan 22 j 00:46	0° \mathcal{M} 32'46			-11716 Dec 28 j 10:06	0° \mathcal{L}	
				morning set	-11715 Jan 05 j 07:57	15° \mathcal{L} 20'52	
superior conj	-11716 Jan 29 j 01:00	15° \mathcal{M} 37'15	-0°31'11	max. Earth dist.	-11715 Jan 11 j 12:42	28° \mathcal{L} 30'04	1.32901 AU
minimum elong	-11716 Jan 29 j 02:13	15° \mathcal{M} 43'57	0°31'23		-11715 Jan 12 j 05:16	0° \mathcal{M}	
max. Earth dist.	-11716 Jan 29 j 00:16	15° \mathcal{M} 33'15	1.32781 AU				
asc. node	-11716 Feb 01 j 08:38	22° \mathcal{M} 50'48		superior conj	-11715 Jan 12 j 12:36	0° \mathcal{M} 39'59	-0°51'47
	-11716 Feb 04 j 17:13	0° \mathcal{X}		minimum elong	-11715 Jan 12 j 14:26	0° \mathcal{M} 49'55	0°51'47
evening rise	-11716 Feb 05 j 02:54	0° \mathcal{X} 50'30		asc. node	-11715 Jan 18 j 05:56	13° \mathcal{M} 03'21	
	-11716 Feb 21 j 05:45	0° \mathcal{Z}		evening rise	-11715 Jan 19 j 13:14	15° \mathcal{M} 48'49	
evening max el	-11716 Mar 05 j 04:40	16° \mathcal{Z} 10'17	26°20'29		-11715 Jan 26 j 17:04	0° \mathcal{X}	
retrograde	-11716 Mar 19 j 07:50	23° \mathcal{Z} 31'49		evening max el	-11715 Feb 15 j 00:33	27° \mathcal{X} 22'11	25°04'39
desc. node	-11716 Mar 20 j 05:30	23° \mathcal{Z} 29'45			-11715 Feb 18 j 01:40	0° \mathcal{Z}	
evening set	-11716 Mar 25 j 06:26	22° \mathcal{Z} 02'38		retrograde	-11715 Mar 01 j 00:24	4° \mathcal{Z} 25'56	
min. Earth dist.	-11716 Mar 29 j 18:03	19° \mathcal{Z} 11'51	0.59140 AU	evening set	-11715 Mar 05 j 22:19	3° \mathcal{Z} 30'07	
inferior conj	-11716 Apr 02 j 01:58	16° \mathcal{Z} 35'54	-2°47'21	desc. node	-11715 Mar 07 j 02:32	3° \mathcal{Z} 01'07	
minimum elong	-11716 Apr 01 j 22:42	16° \mathcal{Z} 42'20	2°47'25	min. Earth dist.	-11715 Mar 11 j 14:08	0° \mathcal{Z} 28'35	0.57332 AU
morning rise	-11716 Apr 09 j 17:56	12° \mathcal{Z} 02'11			-11715 Mar 12 j 07:21	30° \mathcal{R} 7	
direct	-11716 Apr 12 j 03:08	11° \mathcal{Z} 41'56		inferior conj	-11715 Mar 14 j 11:12	28° \mathcal{X} 31'44	-1°46'18
morning max el	-11716 Apr 19 j 19:13	15° \mathcal{Z} 23'38	18°26'45	minimum elong	-11715 Mar 14 j 07:48	28° \mathcal{X} 37'31	1°46'03
asc. node	-11716 Apr 29 j 07:50	28° \mathcal{Z} 47'20		morning rise	-11715 Mar 22 j 20:32	24° \mathcal{X} 15'45	
	-11716 Apr 30 j 00:19	0° \mathcal{A}		direct	-11715 Mar 25 j 01:49	24° \mathcal{X} 01'03	
morning set	-11716 May 05 j 22:32	11° \mathcal{A} 00'44		morning max el	-11715 Apr 02 j 23:09	28° \mathcal{X} 13'50	19°07'29
					-11715 Apr 04 j 16:17	0° \mathcal{Z}	
superior conj	-11716 May 15 j 09:36	28° \mathcal{A} 51'15	1°44'52	asc. node	-11715 Apr 16 j 04:44	18° \mathcal{Z} 06'45	
minimum elong	-11716 May 15 j 07:31	28° \mathcal{A} 41'41	1°44'25	morning set	-11715 Apr 19 j 17:29	24° \mathcal{Z} 57'30	
	-11716 May 16 j 00:36	0° \mathcal{H}			-11715 Apr 22 j 06:42	0° \mathcal{A}	
max. Earth dist.	-11716 May 22 j 15:37	11° \mathcal{H} 47'45	1.40095 AU				
evening rise	-11716 May 27 j 08:27	19° \mathcal{H} 46'30		superior conj	-11715 Apr 28 j 07:05	11° \mathcal{A} 47'18	1°31'46
	-11716 Jun 02 j 15:41	0° \mathcal{Y}		minimum elong	-11715 Apr 28 j 04:05	11° \mathcal{A} 32'51	1°30'58
desc. node	-11716 Jun 16 j 03:03	20° \mathcal{Y} 13'10		max. Earth dist.	-11715 May 04 j 15:44	23° \mathcal{A} 42'15	1.38227 AU
	-11716 Jun 23 j 08:31	0° \mathcal{B}			-11715 May 08 j 04:18	0° \mathcal{H}	
evening max el	-11716 Jun 30 j 23:41	8° \mathcal{B} 52'16	23°19'12	evening rise	-11715 May 08 j 16:27	0° \mathcal{H} 53'10	
retrograde	-11716 Jul 11 j 06:45	14° \mathcal{B} 59'04			-11715 May 26 j 21:45	0° \mathcal{Y}	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

desc. node	-11715 Jun 03 j 00:32	9° Υ 54'46		retrograde	-11714 Jun 08 j 04:55	12° Υ 48'01	
evening max el	-11715 Jun 13 j 09:49	22° Υ 13'12	24°40'44	evening set	-11714 Jun 14 j 10:33	10° Υ 06'04	
retrograde	-11715 Jun 24 j 20:03	28° Υ 57'39		min. Earth dist.	-11714 Jun 18 j 15:12	5° Υ 26'36	0.66367 AU
evening set	-11715 Jun 30 j 11:47	26° Υ 29'49		inferior conj	-11714 Jun 19 j 20:53	3° Υ 51'27	-2°43'28
min. Earth dist.	-11715 Jul 05 j 01:18	21° Υ 11'04	0.66975 AU	minimum elong	-11714 Jun 19 j 23:13	3° Υ 43'55	2°42'54
inferior conj	-11715 Jul 05 j 18:17	20° Υ 14'00	-2°08'48		-11714 Jun 23 j 02:25	30° \Re	
minimum elong	-11715 Jul 05 j 20:29	20° Υ 06'35	2°07'57	morning rise	-11714 Jun 25 j 11:57	27° \Re 56'53	
morning rise	-11715 Jul 11 j 05:09	14° Υ 07'49		direct	-11714 Jun 28 j 21:16	26° \Re 50'22	
asc. node	-11715 Jul 13 j 05:36	13° Υ 03'27		asc. node	-11714 Jun 30 j 02:22	26° \Re 58'33	
direct	-11715 Jul 14 j 23:18	12° Υ 46'15			-11714 Jul 05 j 01:52	0° Υ	
morning max el	-11715 Jul 22 j 20:42	17° Υ 25'06	20°21'18	morning max el	-11714 Jul 06 j 00:36	0° Υ 55'45	19°21'39
	-11715 Aug 01 j 16:11	0° \Re			-11714 Jul 26 j 04:56	0° \Re	
morning set	-11715 Aug 19 j 04:05	26° \Re 27'47		morning set	-11714 Jul 29 j 12:26	5° \Re 12'47	
	-11715 Aug 21 j 10:32	0° Π		max. Earth dist.	-11714 Aug 12 j 15:30	27° \Re 29'57	1.44432 AU
desc. node	-11715 Aug 29 j 21:35	13° Π 23'38			-11714 Aug 14 j 05:18	0° Π	
max. Earth dist.	-11715 Aug 30 j 00:10	13° Π 33'57	1.43610 AU				
				superior conj	-11714 Aug 14 j 21:02	1° Π 02'30	0°11'23
superior conj	-11715 Sep 04 j 08:36	22° Π 15'06	-0°32'27	minimum elong	-11714 Aug 14 j 22:27	1° Π 08'12	0°11'46
minimum elong	-11715 Sep 04 j 05:28	22° Π 02'13	0°31'25	behind sun begin	-11714 Aug 14 j 14:34	0° Π 36'49	
	-11715 Sep 09 j 00:41	0° \Im		behind sun end	-11714 Aug 15 j 06:21	1° Π 39'36	
evening rise	-11715 Sep 17 j 08:06	14° \Im 10'25		desc. node	-11714 Aug 16 j 18:49	4° Π 05'02	
	-11715 Sep 26 j 15:05	0° Ω		evening rise	-11714 Aug 29 j 21:17	25° Π 20'13	
evening max el	-11715 Oct 04 j 20:41	11° Ω 21'32	18°11'29		-11714 Sep 01 j 17:11	0° \Im	
asc. node	-11715 Oct 09 j 05:31	14° Ω 28'45		evening max el	-11714 Sep 18 j 10:05	24° \Im 48'41	18°32'58
retrograde	-11715 Oct 11 j 11:36	14° Ω 54'43		retrograde	-11714 Sep 25 j 02:09	28° \Im 30'43	
evening set	-11715 Oct 14 j 03:28	14° Ω 18'53		asc. node	-11714 Sep 26 j 02:38	28° \Im 24'56	
inferior conj	-11715 Oct 20 j 14:44	8° Ω 57'52	3°08'51	evening set	-11714 Sep 27 j 23:22	27° \Im 44'47	
minimum elong	-11715 Oct 20 j 10:57	9° Ω 07'50	3°08'25	inferior conj	-11714 Oct 04 j 01:03	22° \Im 07'05	2°21'13
min. Earth dist.	-11715 Oct 23 j 01:24	6° Ω 23'20	0.63066 AU	minimum elong	-11714 Oct 03 j 21:56	22° \Im 16'12	2°20'50
morning rise	-11715 Oct 26 j 17:34	3° Ω 03'27		min. Earth dist.	-11714 Oct 05 j 22:43	19° \Im 54'15	0.64501 AU
direct	-11715 Nov 02 j 18:22	0° Ω 23'51		morning rise	-11714 Oct 09 j 19:54	16° \Im 00'24	
morning max el	-11715 Nov 16 j 10:17	7° Ω 55'24	27°33'29	direct	-11714 Oct 16 j 13:21	13° \Im 16'27	
desc. node	-11715 Nov 25 j 21:57	18° Ω 55'18		morning max el	-11714 Oct 29 j 19:56	20° \Im 47'29	27°09'02
	-11715 Dec 03 j 14:55	0° \P			-11714 Nov 06 j 22:26	0° Ω	
morning set	-11715 Dec 20 j 09:08	29° \P 47'24		desc. node	-11714 Nov 12 j 18:39	7° Ω 53'43	
	-11715 Dec 20 j 11:39	0° $\underline{\Omega}$			-11714 Nov 26 j 15:35	0° \P	
max. Earth dist.	-11715 Dec 25 j 20:31	11° $\underline{\Omega}$ 07'39	1.33382 AU	morning set	-11714 Dec 04 j 01:26	13° \P 43'05	
				max. Earth dist.	-11714 Dec 08 j 20:13	23° \P 16'44	1.34263 AU
superior conj	-11715 Dec 27 j 22:16	15° $\underline{\Omega}$ 33'46	-1°09'54				
minimum elong	-11715 Dec 28 j 00:22	15° $\underline{\Omega}$ 45'03	1°09'45	superior conj	-11714 Dec 12 j 04:05	0° $\underline{\Omega}$ 12'04	-1°24'36
	-11714 Jan 03 j 15:42	0° \mathbb{M}		minimum elong	-11714 Dec 12 j 06:02	0° $\underline{\Omega}$ 22'18	1°24'23
evening rise	-11714 Jan 04 j 00:29	0° \mathbb{M} 46'15			-11714 Dec 12 j 01:47	0° $\underline{\Omega}$	
asc. node	-11714 Jan 05 j 03:15	3° \mathbb{M} 05'43		evening rise	-11714 Dec 19 j 11:03	15° $\underline{\Omega}$ 37'04	
	-11714 Jan 20 j 13:59	0° \Re		asc. node	-11714 Dec 23 j 00:35	22° $\underline{\Omega}$ 52'36	
evening max el	-11714 Jan 27 j 17:51	8° \Re 14'59	23°33'22		-11714 Dec 26 j 18:40	0° \mathbb{M}	
retrograde	-11714 Feb 10 j 04:01	14° \Re 48'43		evening max el	-11713 Jan 09 j 13:29	19° \mathbb{M} 11'18	22°00'03
evening set	-11714 Feb 14 j 00:36	14° \Re 16'05		retrograde	-11713 Jan 21 j 21:13	25° \mathbb{M} 03'13	
min. Earth dist.	-11714 Feb 21 j 06:38	10° \Re 52'46	0.56017 AU	evening set	-11713 Jan 24 j 23:07	24° \mathbb{M} 42'10	
desc. node	-11714 Feb 21 j 23:27	10° \Re 27'38		inferior conj	-11713 Feb 03 j 01:04	20° \mathbb{M} 37'12	1°28'37
inferior conj	-11714 Feb 23 j 01:03	9° \Re 49'02	-0°16'20	minimum elong	-11713 Feb 03 j 04:46	20° \mathbb{M} 31'56	1°26'58
minimum elong	-11714 Feb 23 j 00:21	9° \Re 50'05	0°16'43	min. Earth dist.	-11713 Feb 02 j 21:05	20° \mathbb{M} 42'52	0.55453 AU
morning rise	-11714 Mar 04 j 02:23	5° \Re 44'38		desc. node	-11713 Feb 08 j 20:17	17° \mathbb{M} 37'48	
direct	-11714 Mar 06 j 06:55	5° \Re 32'29		morning rise	-11713 Feb 12 j 10:49	16° \mathbb{M} 31'43	
morning max el	-11714 Mar 16 j 17:53	10° \Re 29'33	20°08'01	direct	-11713 Feb 14 j 23:33	16° \mathbb{M} 17'11	
	-11714 Mar 30 j 01:40	0° \Re		morning max el	-11713 Feb 27 j 01:31	22° \mathbb{M} 05'12	21°27'04
asc. node	-11714 Apr 03 j 01:42	7° \Re 48'56			-11713 Mar 05 j 17:21	0° \Re	
morning set	-11714 Apr 03 j 20:23	9° \Re 23'04		morning set	-11713 Mar 19 j 04:35	24° \Re 09'01	
				asc. node	-11713 Mar 20 j 22:43	27° \Re 47'34	
superior conj	-11714 Apr 11 j 18:28	25° \Re 28'36	1°13'11		-11713 Mar 22 j 00:03	0° \Re	
minimum elong	-11714 Apr 11 j 15:35	25° \Re 14'12	1°12'11				
	-11714 Apr 14 j 01:06	0° \approx		superior conj	-11713 Mar 26 j 15:44	9° \Re 43'22	0°51'27
max. Earth dist.	-11714 Apr 16 j 20:02	5° \approx 25'00	1.36507 AU	minimum elong	-11713 Mar 26 j 13:34	9° \Re 32'10	0°50'25
evening rise	-11714 Apr 20 j 23:57	13° \approx 12'49		max. Earth dist.	-11713 Mar 30 j 09:03	17° \Re 19'28	1.35078 AU
	-11714 Apr 30 j 16:34	0° \Re		evening rise	-11713 Apr 04 j 01:11	26° \Re 28'46	
desc. node	-11714 May 20 j 21:58	29° \Re 03'41			-11713 Apr 05 j 22:00	0° \approx	
	-11714 May 21 j 16:49	0° Υ			-11713 Apr 24 j 01:01	0° \Re	
evening max el	-11714 May 26 j 19:40	5° Υ 35'48	25°54'01	desc. node	-11713 May 07 j 19:21	17° \Re 26'06	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening max el	-11713 May 09 j 06:13	18° H 54'35	26°50'25			-11712 Apr 18 j 17:19	0° H	
retrograde	-11713 May 22 j 08:55	26° H 23'14		evening max el	-11712 Apr 20 j 16:48	2° H 00'57	27°22'17	
evening set	-11713 May 29 j 01:33	23° H 35'54		desc. node	-11712 Apr 23 j 16:38	4° H 43'14		
min. Earth dist.	-11713 Jun 01 j 22:46	19° H 35'17	0.65371 AU	retrograde	-11712 May 04 j 07:33	9° H 35'47		
inferior conj	-11713 Jun 03 j 18:33	17° H 24'32	-3°09'58	evening set	-11712 May 11 j 05:58	6° H 55'15		
minimum elong	-11713 Jun 03 j 20:32	17° H 18'35	3°09'50	min. Earth dist.	-11712 May 14 j 22:28	3° H 28'42	0.63983 AU	
morning rise	-11713 Jun 09 j 15:49	11° H 44'18		inferior conj	-11712 May 17 j 08:51	0° H 49'46	-3°25'47	
direct	-11713 Jun 12 j 18:01	10° H 50'53		minimum elong	-11712 May 17 j 09:53	0° H 46'57	3°26'04	
asc. node	-11713 Jun 16 j 23:08	12° H 24'08			-11712 May 18 j 03:14	30° R \approx		
morning max el	-11713 Jun 19 j 09:57	14° H 31'51	18°37'36	morning rise	-11712 May 23 j 14:34	25° \approx 26'04		
	-11713 Jun 30 j 12:51	0° Y		direct	-11712 May 26 j 11:07	24° \approx 43'51		
morning set	-11713 Jul 09 j 17:11	14° Y 54'12		morning max el	-11712 Jun 01 j 22:50	28° \approx 10'16	18°10'42	
	-11713 Jul 19 j 01:24	0° B		asc. node	-11712 Jun 02 j 19:56	29° \approx 05'38		
					-11712 Jun 03 j 15:00	0° H		
superior conj	-11713 Jul 24 j 20:55	9° B 15'30	0°55'44	morning set	-11712 Jun 19 j 23:19	25° H 46'07		
minimum elong	-11713 Jul 25 j 02:56	9° B 39'21	0°55'28		-11712 Jun 22 j 11:03	0° Y		
max. Earth dist.	-11713 Jul 26 j 08:21	11° B 35'53	1.44553 AU					
desc. node	-11713 Aug 03 j 16:08	24° B 45'07		superior conj	-11712 Jul 03 j 06:44	17° Y 59'02	1°29'11	
	-11713 Aug 06 j 23:50	0° II		minimum elong	-11712 Jul 03 j 12:39	18° Y 23'01	1°28'53	
evening rise	-11713 Aug 10 j 07:33	5° II 15'18		max. Earth dist.	-11712 Jul 07 j 23:19	25° Y 32'46	1.43980 AU	
	-11713 Aug 26 j 07:05	0° B			-11712 Jul 10 j 18:27	0° B		
evening max el	-11713 Sep 01 j 20:48	8° B 18'27	19°11'37	evening rise	-11712 Jul 19 j 16:56	14° B 00'54		
retrograde	-11713 Sep 08 j 21:05	12° B 18'08		desc. node	-11712 Jul 20 j 13:29	15° B 20'39		
evening set	-11713 Sep 12 j 01:57	11° B 18'58			-11712 Jul 30 j 02:41	0° II		
asc. node	-11713 Sep 12 j 23:41	10° B 41'16		evening max el	-11712 Aug 15 j 02:29	21° II 47'02	20°06'04	
inferior conj	-11713 Sep 17 j 19:46	5° B 27'59	1°29'51	retrograde	-11712 Aug 22 j 17:46	26° II 13'09		
minimum elong	-11713 Sep 17 j 17:42	5° B 34'27	1°29'45	evening set	-11712 Aug 26 j 08:34	24° II 57'26		
min. Earth dist.	-11713 Sep 19 j 05:02	3° B 43'27	0.65628 AU	asc. node	-11712 Aug 29 j 20:42	21° II 29'41		
	-11713 Sep 22 j 12:16	30° R II		inferior conj	-11712 Aug 31 j 20:18	18° II 56'22	0°37'35	
morning rise	-11713 Sep 23 j 09:03	29° II 12'36		minimum elong	-11712 Aug 31 j 19:27	18° II 59'13	0°37'53	
direct	-11713 Sep 29 j 14:36	26° II 34'45		min. Earth dist.	-11712 Sep 01 j 18:11	17° II 43'49	0.66455 AU	
	-11713 Oct 07 j 18:54	0° B		morning rise	-11712 Sep 06 j 06:04	12° II 36'19		
morning max el	-11713 Oct 12 j 06:22	3° B 56'32	26°17'11	direct	-11712 Sep 11 j 21:45	10° II 11'40		
desc. node	-11713 Oct 30 j 15:24	27° B 28'10		morning max el	-11712 Sep 23 j 16:10	17° II 11'11	25°05'50	
	-11713 Nov 01 j 07:28	0° Q			-11712 Oct 04 j 10:15	0° B		
morning set	-11713 Nov 17 j 05:06	26° Q 56'49		desc. node	-11712 Oct 16 j 12:12	17° B 27'46		
	-11713 Nov 18 j 20:01	0° M			-11712 Oct 24 j 06:50	0° Q		
max. Earth dist.	-11713 Nov 21 j 09:20	4° M 55'27	1.35569 AU	morning set	-11712 Oct 29 j 15:11	9° Q 14'04		
				max. Earth dist.	-11712 Nov 02 j 12:19	16° Q 16'15	1.37271 AU	
superior conj	-11713 Nov 26 j 03:44	14° M 27'45	-1°34'43					
minimum elong	-11713 Nov 26 j 04:59	14° M 34'12	1°34'28	superior conj	-11712 Nov 08 j 18:08	28° Q 11'00	-1°38'45	
evening rise	-11713 Dec 03 j 19:14	0° A 15'53		minimum elong	-11712 Nov 08 j 18:06	28° Q 10'54	1°38'23	
	-11713 Dec 03 j 16:08	0° A			-11712 Nov 09 j 16:16	0° M		
asc. node	-11713 Dec 09 j 21:55	12° A 17'47		evening rise	-11712 Nov 16 j 23:03	14° M 36'15		
	-11713 Dec 22 j 03:08	0° M			-11712 Nov 25 j 02:02	0° A		
evening max el	-11713 Dec 22 j 16:44	0° M 32'41	20°36'21	asc. node	-11712 Nov 25 j 19:16	1° A 12'53		
retrograde	-11712 Jan 02 j 12:32	5° M 37'31		evening max el	-11712 Dec 04 j 06:09	12° A 27'48	19°29'13	
evening set	-11712 Jan 05 j 04:48	5° M 20'08		retrograde	-11712 Dec 13 j 12:53	16° A 51'03		
inferior conj	-11712 Jan 13 j 23:21	1° M 20'52	3°01'06	evening set	-11712 Dec 16 j 01:44	16° A 32'54		
minimum elong	-11712 Jan 14 j 05:08	1° M 12'19	2°59'25	inferior conj	-11712 Dec 24 j 08:27	12° A 24'03	3°58'38	
min. Earth dist.	-11712 Jan 15 j 10:47	0° M 28'34	0.55757 AU	minimum elong	-11712 Dec 24 j 12:10	12° A 17'56	3°58'05	
	-11712 Jan 16 j 06:30	30° R A		min. Earth dist.	-11712 Dec 27 j 00:27	10° A 39'25	0.56851 AU	
morning rise	-11712 Jan 23 j 04:00	26° A 58'31		morning rise	-11711 Jan 01 j 20:25	7° A 37'39		
direct	-11712 Jan 26 j 15:14	26° A 32'03		direct	-11711 Jan 06 j 16:03	6° A 44'44		
desc. node	-11712 Jan 26 j 17:04	26° A 32'03		desc. node	-11711 Jan 12 j 13:48	8° A 04'53		
	-11712 Feb 05 j 05:52	0° M		morning max el	-11711 Jan 20 j 13:55	13° A 46'16	24°36'30	
morning max el	-11712 Feb 08 j 22:48	3° M 05'11	22°59'52		-11711 Feb 02 j 05:12	0° M		
	-11712 Feb 27 j 03:29	0° A		morning set	-11711 Feb 15 j 04:26	24° M 13'00		
morning set	-11712 Mar 02 j 15:55	9° A 08'20			-11711 Feb 17 j 21:41	0° A		
asc. node	-11712 Mar 06 j 19:50	17° A 57'46		asc. node	-11711 Feb 21 j 17:01	8° A 13'55		
superior conj	-11712 Mar 09 j 19:55	24° A 22'18	0°28'11	superior conj	-11711 Feb 22 j 04:31	9° A 16'07	0°04'35	
minimum elong	-11712 Mar 09 j 18:43	24° A 15'58	0°27'18	minimum elong	-11711 Feb 22 j 04:21	9° A 15'11	0°03'58	
max. Earth dist.	-11712 Mar 12 j 08:06	29° A 39'37	1.33999 AU	behind sun begin	-11711 Feb 21 j 23:24	8° A 48'23		
	-11712 Mar 12 j 12:00	0° B		behind sun end	-11711 Feb 22 j 09:19	9° A 41'59		
evening rise	-11712 Mar 17 j 15:18	10° B 26'39		max. Earth dist.	-11711 Feb 23 j 15:20	12° A 23'47	1.33270 AU	
	-11712 Mar 28 j 07:19	0° \approx		evening rise	-11711 Mar 01 j 14:23	24° A 52'48		

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11711 Mar 04 j 04:06	0°♂		asc. node	-11710 Feb 08 j 14:14	28°♊31'49	
	-11711 Mar 21 j 21:54	0°♋			-11710 Feb 09 j 06:32	0°♌	
evening max el	-11711 Apr 03 j 01:30	14°♋42'59	27°23'55	evening rise	-11710 Feb 13 j 19:33	9°♌37'30	
desc. node	-11711 Apr 10 j 13:53	20°♋28'11			-11710 Feb 24 j 13:15	0°♍	
retrograde	-11711 Apr 16 j 23:48	22°♋16'13		evening max el	-11710 Mar 16 j 05:57	26°♍50'34	26°52'39
evening set	-11711 Apr 23 j 20:24	19°♋55'59			-11710 Mar 19 j 21:25	0°♎	
min. Earth dist.	-11711 Apr 27 j 13:15	16°♋54'01	0.62242 AU	desc. node	-11710 Mar 28 j 11:05	4°♎07'51	
inferior conj	-11711 Apr 30 j 12:45	14°♋00'35	-3°27'15	retrograde	-11710 Mar 30 j 08:06	4°♎17'00	
minimum elong	-11711 Apr 30 j 12:13	14°♋01'52	3°27'44	evening set	-11710 Apr 05 j 17:36	2°♎27'48	
morning rise	-11711 May 07 j 05:31	8°♋55'15			-11710 Apr 09 j 07:46	30°♏♂	
direct	-11711 May 09 j 21:27	8°♋22'34		min. Earth dist.	-11710 Apr 09 j 19:10	29°♏37'11	0.60284 AU
morning max el	-11711 May 16 j 12:46	11°♋45'08	18°02'02	inferior conj	-11710 Apr 13 j 02:42	26°♏48'42	-3°09'09
asc. node	-11711 May 20 j 16:47	16°♋47'02		minimum elong	-11710 Apr 13 j 00:19	26°♏53'49	3°09'27
	-11711 May 28 j 19:56	0°♐		morning rise	-11710 Apr 20 j 09:22	22°♏03'12	
morning set	-11711 Jun 02 j 04:28	7°♐44'14		direct	-11710 Apr 22 j 21:10	21°♏38'40	
				morning max el	-11710 Apr 30 j 01:06	25°♏09'19	18°12'12
superior conj	-11711 Jun 13 j 17:17	27°♐55'28	1°46'21		-11710 May 04 j 03:04	0°♑	
minimum elong	-11711 Jun 13 j 19:42	28°♐05'42	1°46'13	asc. node	-11710 May 07 j 13:39	5°♑14'35	
	-11711 Jun 14 j 22:43	0°♒		morning set	-11710 May 16 j 03:46	20°♑36'59	
max. Earth dist.	-11711 Jun 20 j 10:17	9°♒05'59	1.42794 AU		-11710 May 21 j 05:00	0°♓	
evening rise	-11711 Jun 28 j 17:16	22°♒21'45					
	-11711 Jul 03 j 15:26	0°♈		superior conj	-11710 May 26 j 06:26	9°♈11'14	1°48'43
desc. node	-11711 Jul 07 j 10:54	5°♈48'12		minimum elong	-11710 May 26 j 05:33	9°♈07'18	1°48'27
	-11711 Jul 24 j 12:27	0°♉		max. Earth dist.	-11710 Jun 02 j 16:01	22°♈02'44	1.41155 AU
evening max el	-11711 Jul 29 j 01:35	5°♉12'32	21°14'02		-11710 Jun 07 j 10:59	0°♊	
retrograde	-11711 Aug 06 j 14:04	10°♉13'26		evening rise	-11710 Jun 08 j 07:10	1°♊22'04	
evening set	-11711 Aug 10 j 16:59	8°♉38'10		desc. node	-11710 Jun 24 j 08:22	26°♊02'56	
inferior conj	-11711 Aug 16 j 00:34	2°♉29'53	-0°13'29		-11710 Jun 27 j 02:18	0°♋	
minimum elong	-11711 Aug 16 j 00:51	2°♉28'56	0°12'49	evening max el	-11710 Jul 11 j 17:55	18°♋33'58	22°31'58
transit middle	-11711 Aug 16 j 00:51	2°♉28'56	0°12'49	retrograde	-11710 Jul 21 j 08:31	24°♋15'49	
transit begin	-11711 Aug 15 j 23:09	2°♉34'44		evening set	-11710 Jul 26 j 01:12	22°♋19'13	
transit end	-11711 Aug 16 j 02:33	2°♉23'08		inferior conj	-11710 Jul 31 j 06:39	16°♋06'07	-1°01'46
min. Earth dist.	-11711 Aug 16 j 11:45	1°♉51'37	0.66990 AU	minimum elong	-11710 Jul 31 j 07:54	16°♋01'49	1°00'51
asc. node	-11711 Aug 16 j 17:40	1°♉31'25		min. Earth dist.	-11710 Jul 31 j 07:16	16°♋04'01	0.67233 AU
	-11711 Aug 17 j 21:00	30°♌♂		asc. node	-11710 Aug 03 j 14:34	11°♌46'27	
morning rise	-11711 Aug 21 j 08:33	26°♌09'09		morning rise	-11710 Aug 05 j 14:30	9°♌48'30	
direct	-11711 Aug 26 j 09:59	24°♌01'44		direct	-11710 Aug 10 j 02:29	7°♌59'41	
	-11711 Sep 05 j 15:37	0°♍		morning max el	-11710 Aug 19 j 14:46	13°♌42'41	22°20'12
morning max el	-11711 Sep 06 j 02:08	0°♍26'25	23°43'59		-11710 Sep 01 j 12:26	0°♎	
	-11711 Sep 28 j 08:48	0°♏		desc. node	-11710 Sep 20 j 06:02	28°♎14'07	
desc. node	-11711 Oct 03 j 09:05	7°♏45'09		morning set	-11710 Sep 21 j 11:00	0°♏10'16	
morning set	-11711 Oct 11 j 02:21	20°♏21'04			-11710 Sep 21 j 08:27	0°♏	
max. Earth dist.	-11711 Oct 15 j 10:54	27°♏50'46	1.39226 AU	max. Earth dist.	-11710 Sep 27 j 12:01	10°♏06'14	1.41183 AU
	-11711 Oct 16 j 16:11	0°♐					
				superior conj	-11710 Oct 05 j 01:55	23°♏11'40	-1°20'20
superior conj	-11711 Oct 22 j 19:17	11°♐10'41	-1°34'44	minimum elong	-11710 Oct 04 j 22:14	22°♏55'22	1°19'23
minimum elong	-11711 Oct 22 j 17:28	11°♐02'07	1°34'07		-11710 Oct 08 j 20:40	0°♑	
evening rise	-11711 Oct 31 j 20:08	28°♐32'09		evening rise	-11710 Oct 15 j 07:24	11°♐55'27	
	-11711 Nov 01 j 14:16	0°♒			-11710 Oct 25 j 12:16	0°♒	
asc. node	-11711 Nov 12 j 16:35	19°♒28'06		asc. node	-11710 Oct 30 j 13:52	6°♒50'34	
evening max el	-11711 Nov 17 j 05:25	24°♒55'41	18°41'44	evening max el	-11710 Oct 31 j 12:18	7°♒49'02	18°14'35
retrograde	-11711 Nov 25 j 06:10	28°♒49'51		retrograde	-11710 Nov 07 j 17:02	11°♒27'03	
evening set	-11711 Nov 27 j 17:55	28°♒28'47		evening set	-11710 Nov 10 j 04:50	11°♒01'47	
inferior conj	-11711 Dec 05 j 11:39	24°♒00'53	4°17'06	inferior conj	-11710 Nov 17 j 09:56	6°♒12'03	4°04'59
minimum elong	-11711 Dec 05 j 11:38	24°♒00'54	4°17'12	minimum elong	-11710 Nov 17 j 07:13	6°♒17'59	4°04'58
min. Earth dist.	-11711 Dec 08 j 15:56	21°♒37'44	0.58479 AU	min. Earth dist.	-11710 Nov 20 j 12:50	3°♒29'47	0.60318 AU
morning rise	-11711 Dec 13 j 03:29	18°♒51'44		morning rise	-11710 Nov 24 j 08:09	0°♓42'53	
direct	-11711 Dec 19 j 04:35	17°♒22'08			-11710 Nov 25 j 15:19	30°♓♂	
desc. node	-11711 Dec 30 j 10:31	22°♒09'12		direct	-11710 Dec 01 j 03:24	28°♓37'40	
morning max el	-11710 Jan 02 j 05:42	24°♒37'11	26°02'36		-11710 Dec 06 j 20:41	0°♓	
	-11710 Jan 07 j 05:08	0°♈		morning max el	-11710 Dec 15 j 03:10	6°♓00'49	27°04'17
	-11710 Jan 26 j 02:32	0°♉		desc. node	-11710 Dec 17 j 07:11	8°♓12'23	
morning set	-11710 Jan 30 j 16:20	9°♉16'40			-11709 Jan 02 j 03:38	0°♊	
				morning set	-11709 Jan 15 j 01:49	24°♊12'34	
superior conj	-11710 Feb 06 j 15:37	24°♉18'03	-0°18'28		-11709 Jan 17 j 19:46	0°♋	
minimum elong	-11710 Feb 06 j 16:23	24°♉22'14	0°18'50	max. Earth dist.	-11709 Jan 21 j 17:11	8°♋25'43	1.32793 AU
max. Earth dist.	-11710 Feb 07 j 03:37	25°♉23'28	1.32872 AU				

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11709 Jan 22 j 03:29	9° \mathbb{M} 22'00	-0°40'10	minimum elong	-11708 Jan 06 j 16:26	24° \mathbb{A} 32'15	0°59'47
minimum elong	-11709 Jan 22 j 05:00	9° \mathbb{M} 30'17	0°40'18		-11708 Jan 09 j 04:48	0° \mathbb{M}	
asc. node	-11709 Jan 26 j 11:29	18° \mathbb{M} 47'29		asc. node	-11708 Jan 13 j 08:46	8° \mathbb{M} 56'10	
evening rise	-11709 Jan 29 j 04:32	24° \mathbb{M} 32'44		evening rise	-11708 Jan 13 j 15:25	9° \mathbb{M} 31'09	
	-11709 Jan 31 j 20:18	0° \mathbb{A}			-11708 Jan 24 j 08:44	0° \mathbb{A}	
	-11709 Feb 18 j 20:07	0° \mathbb{B}		evening max el	-11708 Feb 07 j 22:38	19° \mathbb{A} 20'43	24°26'54
evening max el	-11709 Feb 26 j 04:37	8° \mathbb{B} 20'24	25°50'54	retrograde	-11708 Feb 21 j 18:15	26° \mathbb{A} 14'15	
retrograde	-11709 Mar 12 j 06:51	15° \mathbb{B} 35'14		evening set	-11708 Feb 26 j 05:04	25° \mathbb{A} 29'36	
desc. node	-11709 Mar 15 j 08:11	15° \mathbb{B} 12'22		desc. node	-11708 Mar 01 j 05:10	23° \mathbb{A} 41'42	
evening set	-11709 Mar 17 j 19:51	14° \mathbb{B} 20'48		min. Earth dist.	-11708 Mar 03 j 12:01	22° \mathbb{A} 20'15	0.56688 AU
min. Earth dist.	-11709 Mar 22 j 17:52	11° \mathbb{B} 27'13	0.58332 AU	inferior conj	-11708 Mar 05 j 23:51	20° \mathbb{A} 44'30	-1°11'13
inferior conj	-11709 Mar 25 j 23:10	9° \mathbb{B} 05'41	-2°25'15	minimum elong	-11708 Mar 05 j 21:14	20° \mathbb{A} 48'42	1°11'06
minimum elong	-11709 Mar 25 j 19:33	9° \mathbb{B} 12'21	2°25'06	morning rise	-11708 Mar 14 j 16:31	16° \mathbb{A} 35'04	
morning rise	-11709 Apr 02 j 22:24	4° \mathbb{B} 40'04		direct	-11708 Mar 16 j 20:43	16° \mathbb{A} 22'00	
direct	-11709 Apr 05 j 05:59	4° \mathbb{B} 22'21		morning max el	-11708 Mar 26 j 09:25	20° \mathbb{A} 51'59	19°30'56
morning max el	-11709 Apr 13 j 08:59	8° \mathbb{B} 15'00	18°41'44		-11708 Apr 02 j 14:11	0° \mathbb{B}	
asc. node	-11709 Apr 24 j 10:31	24° \mathbb{B} 17'46		asc. node	-11708 Apr 10 j 07:26	13° \mathbb{B} 47'33	
	-11709 Apr 27 j 11:53	0° \approx		morning set	-11708 Apr 12 j 15:21	18° \mathbb{B} 23'22	
morning set	-11709 Apr 29 j 16:41	4° \approx 13'33			-11708 Apr 18 j 10:29	0° \approx	
superior conj	-11709 May 08 j 17:46	21° \approx 35'39	1°40'11	superior conj	-11708 Apr 20 j 21:43	4° \approx 52'42	1°24'25
minimum elong	-11709 May 08 j 15:08	21° \approx 23'18	1°39'34	minimum elong	-11708 Apr 20 j 18:40	4° \approx 37'46	1°23'30
	-11709 May 13 j 07:22	0° \mathbb{H}		max. Earth dist.	-11708 Apr 26 j 17:48	16° \approx 02'03	1.37459 AU
max. Earth dist.	-11709 May 15 j 17:04	4° \mathbb{H} 17'34	1.39292 AU	evening rise	-11708 Apr 30 j 18:04	23° \approx 20'11	
evening rise	-11709 May 19 j 23:27	11° \mathbb{H} 40'55			-11708 May 04 j 13:37	0° \mathbb{H}	
	-11709 May 31 j 07:24	0° \mathbb{Y}			-11708 May 24 j 00:17	0° \mathbb{Y}	
desc. node	-11709 Jun 11 j 05:51	15° \mathbb{Y} 59'07		desc. node	-11708 May 28 j 03:20	5° \mathbb{Y} 28'18	
	-11709 Jun 22 j 09:49	0° \mathbb{B}		evening max el	-11708 Jun 05 j 14:48	15° \mathbb{Y} 14'43	25°13'22
evening max el	-11709 Jun 24 j 05:17	1° \mathbb{B} 53'48	23°54'14	retrograde	-11708 Jun 17 j 11:40	22° \mathbb{Y} 13'11	
retrograde	-11709 Jul 04 j 24:00	8° \mathbb{B} 17'26		evening set	-11708 Jun 23 j 09:29	19° \mathbb{Y} 38'20	
evening set	-11709 Jul 10 j 07:23	5° \mathbb{B} 59'56		min. Earth dist.	-11708 Jun 27 j 18:59	14° \mathbb{Y} 36'09	0.66758 AU
min. Earth dist.	-11709 Jul 15 j 02:27	0° \mathbb{B} 19'49	0.67165 AU	inferior conj	-11708 Jun 28 j 17:15	13° \mathbb{Y} 22'30	-2°24'25
	-11709 Jul 15 j 08:15	30° \mathbb{R} \mathbb{Y}		minimum elong	-11708 Jun 28 j 19:35	13° \mathbb{Y} 14'49	2°23'39
inferior conj	-11709 Jul 15 j 12:49	29° \mathbb{Y} 44'22	-1°45'52	morning rise	-11708 Jul 04 j 05:41	7° \mathbb{Y} 20'56	
minimum elong	-11709 Jul 15 j 14:46	29° \mathbb{Y} 37'41	1°44'55	asc. node	-11708 Jul 07 j 08:12	6° \mathbb{Y} 07'32	
morning rise	-11709 Jul 20 j 22:07	23° \mathbb{Y} 33'11		direct	-11708 Jul 07 j 19:45	6° \mathbb{Y} 06'14	
asc. node	-11709 Jul 21 j 11:25	23° \mathbb{Y} 09'34		morning max el	-11708 Jul 15 j 08:54	10° \mathbb{Y} 30'15	19°54'10
direct	-11709 Jul 24 j 22:09	22° \mathbb{Y} 02'19			-11708 Jul 29 j 16:48	0° \mathbb{B}	
morning max el	-11709 Aug 02 j 08:38	27° \mathbb{Y} 03'28	21°01'47	morning set	-11708 Aug 10 j 00:18	17° \mathbb{B} 27'03	
	-11709 Aug 05 j 00:06	0° \mathbb{B}			-11708 Aug 18 j 00:27	0° \mathbb{H}	
	-11709 Aug 26 j 02:07	0° \mathbb{H}		max. Earth dist.	-11708 Aug 22 j 07:20	6° \mathbb{H} 47'57	1.44035 AU
morning set	-11709 Aug 31 j 21:13	8° \mathbb{H} 57'35		desc. node	-11708 Aug 24 j 00:16	9° \mathbb{H} 31'31	
desc. node	-11709 Sep 07 j 03:05	18° \mathbb{H} 50'45		superior conj	-11708 Aug 26 j 11:00	13° \mathbb{H} 27'45	-0°14'40
max. Earth dist.	-11709 Sep 09 j 18:57	23° \mathbb{H} 08'40	1.42862 AU	minimum elong	-11708 Aug 26 j 09:27	13° \mathbb{H} 21'29	0°13'50
	-11709 Sep 13 j 23:02	0° \mathbb{E}		behind sun begin	-11708 Aug 26 j 03:40	12° \mathbb{H} 58'09	
superior conj	-11709 Sep 16 j 08:16	3° \mathbb{E} 59'37	-0°53'33	behind sun end	-11708 Aug 26 j 15:14	13° \mathbb{H} 44'51	
minimum elong	-11709 Sep 16 j 04:04	3° \mathbb{E} 41'55	0°52'25		-11708 Sep 05 j 12:14	0° \mathbb{E}	
evening rise	-11709 Sep 28 j 04:56	24° \mathbb{E} 37'09		evening rise	-11708 Sep 09 j 07:35	6° \mathbb{E} 24'48	
	-11709 Oct 01 j 05:37	0° \mathbb{Q}			-11708 Sep 23 j 21:55	0° \mathbb{Q}	
evening max el	-11709 Oct 15 j 00:01	21° \mathbb{Q} 00'46	18°07'09	evening max el	-11708 Sep 27 j 13:41	4° \mathbb{Q} 24'41	18°18'28
asc. node	-11709 Oct 17 j 11:05	23° \mathbb{Q} 05'31		asc. node	-11708 Oct 03 j 08:14	7° \mathbb{Q} 57'01	
retrograde	-11709 Oct 21 j 17:49	24° \mathbb{Q} 33'21		retrograde	-11708 Oct 04 j 04:23	8° \mathbb{Q} 00'46	
evening set	-11709 Oct 24 j 07:29	24° \mathbb{Q} 02'10		evening set	-11708 Oct 06 j 22:08	7° \mathbb{Q} 21'10	
inferior conj	-11709 Oct 31 j 00:54	18° \mathbb{Q} 51'51	3°32'57	inferior conj	-11708 Oct 13 j 05:10	1° \mathbb{Q} 52'53	2°49'21
minimum elong	-11709 Oct 30 j 21:08	19° \mathbb{Q} 01'11	3°32'37	minimum elong	-11708 Oct 13 j 01:35	2° \mathbb{Q} 02'46	2°48'54
min. Earth dist.	-11709 Nov 02 j 18:35	16° \mathbb{Q} 09'44	0.62116 AU		-11708 Oct 14 j 21:57	30° \mathbb{R} \mathbb{E}	
morning rise	-11709 Nov 06 j 09:41	13° \mathbb{Q} 05'29		min. Earth dist.	-11708 Oct 15 j 10:25	29° \mathbb{E} 26'07	0.63710 AU
direct	-11709 Nov 13 j 11:09	10° \mathbb{Q} 34'30		morning rise	-11708 Oct 19 j 04:14	25° \mathbb{E} 52'37	
morning max el	-11709 Nov 27 j 07:05	18° \mathbb{Q} 04'27	27°32'52	direct	-11708 Oct 26 j 02:38	23° \mathbb{E} 09'22	
desc. node	-11709 Dec 04 j 03:48	25° \mathbb{Q} 42'21			-11708 Nov 07 j 21:40	0° \mathbb{Q}	
	-11709 Dec 07 j 10:57	0° \mathbb{H}		morning max el	-11708 Nov 08 j 15:23	0° \mathbb{Q} 42'27	27°26'49
	-11709 Dec 25 j 18:50	0° \mathbb{A}		desc. node	-11708 Nov 20 j 00:26	14° \mathbb{Q} 14'23	
morning set	-11709 Dec 30 j 06:45	8° \mathbb{A} 52'40			-11708 Nov 30 j 10:37	0° \mathbb{H}	
max. Earth dist.	-11708 Jan 05 j 04:10	21° \mathbb{A} 16'07	1.33056 AU	morning set	-11708 Dec 13 j 04:36	23° \mathbb{H} 08'16	
					-11708 Dec 16 j 14:01	0° \mathbb{A}	
superior conj	-11708 Jan 06 j 14:27	24° \mathbb{A} 21'28	-0°59'50	max. Earth dist.	-11708 Dec 18 j 08:50	3° \mathbb{A} 42'33	1.33701 AU

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11708 Dec 20 j 22:46	9° Ω 10'18	-1°16'37		superior conj	-11707 Dec 05 j 02:18	23° \mathbb{M} 40'19	-1°29'33
minimum elong	-11708 Dec 21 j 00:52	9° Ω 21'27	1°16'27		minimum elong	-11707 Dec 05 j 04:02	23° \mathbb{M} 49'18	1°29'18
evening rise	-11708 Dec 28 j 02:36	24° Ω 26'55				-11707 Dec 08 j 02:48	0° Ω	
asc. node	-11708 Dec 30 j 06:05	28° Ω 52'59			evening rise	-11707 Dec 12 j 12:22	9° Ω 13'20	
	-11708 Dec 30 j 19:19	0° \mathbb{M}			asc. node	-11707 Dec 17 j 03:26	18° Ω 31'27	
	-11707 Jan 19 j 10:55	0° \mathbb{J}				-11707 Dec 23 j 15:46	0° \mathbb{M}	
evening max el	-11707 Jan 19 j 16:18	0° \mathbb{J} 12'44	22°53'12		evening max el	-11706 Jan 01 j 14:49	11° \mathbb{M} 18'18	21°22'45
retrograde	-11707 Feb 01 j 17:16	6° \mathbb{J} 30'12			retrograde	-11706 Jan 13 j 07:46	16° \mathbb{M} 49'23	
evening set	-11707 Feb 05 j 04:23	6° \mathbb{J} 04'00			evening set	-11706 Jan 16 j 04:36	16° \mathbb{M} 30'39	
min. Earth dist.	-11707 Feb 13 j 03:52	2° \mathbb{J} 27'06	0.55671 AU		inferior conj	-11706 Jan 25 j 04:21	12° \mathbb{M} 30'42	2°11'01
inferior conj	-11707 Feb 14 j 06:46	1° \mathbb{J} 47'53	0°27'48		minimum elong	-11706 Jan 25 j 09:26	12° \mathbb{M} 23'26	2°09'09
minimum elong	-11707 Feb 14 j 07:56	1° \mathbb{J} 46'11	0°26'51		min. Earth dist.	-11706 Jan 25 j 18:02	12° \mathbb{M} 11'08	0.55483 AU
desc. node	-11707 Feb 16 j 02:02	0° \mathbb{J} 45'36			desc. node	-11706 Feb 02 j 22:50	8° \mathbb{M} 27'54	
	-11707 Feb 17 j 11:30	30° \mathbb{R} \mathbb{M}			morning rise	-11706 Feb 03 j 13:39	8° \mathbb{M} 19'24	
morning rise	-11707 Feb 23 j 13:00	27° \mathbb{M} 44'39			direct	-11706 Feb 06 j 10:27	8° \mathbb{M} 01'08	
direct	-11707 Feb 25 j 19:16	27° \mathbb{M} 32'22			morning max el	-11706 Feb 19 j 02:27	14° \mathbb{M} 10'04	22°05'14
	-11707 Mar 05 j 09:50	0° \mathbb{J}				-11706 Mar 02 j 22:38	0° \mathbb{J}	
morning max el	-11707 Mar 08 j 23:39	2° \mathbb{J} 51'35	20°39'31		morning set	-11706 Mar 12 j 06:34	17° \mathbb{J} 50'36	
	-11707 Mar 26 j 09:34	0° \mathbb{Z}			asc. node	-11706 Mar 15 j 01:31	23° \mathbb{J} 41'22	
morning set	-11707 Mar 27 j 20:47	2° \mathbb{Z} 58'16				-11706 Mar 18 j 01:10	0° \mathbb{Z}	
asc. node	-11707 Mar 28 j 04:26	3° \mathbb{Z} 37'22						
					superior conj	-11706 Mar 19 j 14:16	3° \mathbb{Z} 15'12	0°41'40
superior conj	-11707 Apr 04 j 13:44	18° \mathbb{Z} 49'28	1°04'15		minimum elong	-11706 Mar 19 j 12:30	3° \mathbb{Z} 05'55	0°40'42
minimum elong	-11707 Apr 04 j 11:07	18° \mathbb{Z} 36'07	1°03'12		max. Earth dist.	-11706 Mar 22 j 18:34	9° \mathbb{Z} 50'44	1.34582 AU
max. Earth dist.	-11707 Apr 09 j 01:03	27° \mathbb{Z} 45'31	1.35859 AU		evening rise	-11706 Mar 27 j 17:07	19° \mathbb{Z} 41'33	
	-11707 Apr 10 j 04:43	0° \approx				-11706 Apr 02 j 05:31	0° \approx	
evening rise	-11707 Apr 13 j 09:50	6° \approx 05'59				-11706 Apr 21 j 08:25	0° \mathbb{H}	
	-11707 Apr 27 j 08:25	0° \mathbb{H}			evening max el	-11706 May 01 j 11:57	11° \mathbb{H} 52'11	27°07'29
desc. node	-11707 May 15 j 00:46	24° \mathbb{H} 19'21			desc. node	-11706 May 01 j 22:07	12° \mathbb{H} 16'51	
evening max el	-11707 May 19 j 00:56	28° \mathbb{H} 36'26	26°20'37		retrograde	-11706 May 14 j 20:21	19° \mathbb{H} 23'51	
	-11707 May 20 j 11:57	0° \mathbb{Y}			evening set	-11706 May 21 j 16:09	16° \mathbb{H} 38'11	
retrograde	-11707 May 31 j 18:38	5° \mathbb{Y} 57'29			min. Earth dist.	-11706 May 25 j 11:05	12° \mathbb{H} 52'40	0.64826 AU
evening set	-11707 Jun 07 j 05:16	3° \mathbb{Y} 12'09			inferior conj	-11706 May 27 j 12:57	10° \mathbb{H} 29'04	-3°18'12
	-11707 Jun 10 j 07:10	30° \mathbb{R} \mathbb{H}			minimum elong	-11706 May 27 j 14:37	10° \mathbb{H} 24'16	3°18'16
min. Earth dist.	-11707 Jun 11 j 06:34	28° \mathbb{H} 49'11	0.65987 AU		morning rise	-11706 Jun 02 j 13:29	4° \mathbb{H} 55'21	
inferior conj	-11707 Jun 12 j 18:03	26° \mathbb{H} 58'26	-2°55'52		direct	-11706 Jun 05 j 13:12	4° \mathbb{H} 06'44	
minimum elong	-11707 Jun 12 j 20:18	26° \mathbb{H} 51'22	2°55'29		asc. node	-11706 Jun 11 j 01:48	6° \mathbb{H} 42'05	
morning rise	-11707 Jun 18 j 11:28	21° \mathbb{H} 09'23			morning max el	-11706 Jun 12 j 02:19	7° \mathbb{H} 40'12	18°23'58
direct	-11707 Jun 21 j 17:30	20° \mathbb{H} 08'43				-11706 Jun 27 j 06:23	0° \mathbb{Y}	
asc. node	-11707 Jun 24 j 04:59	20° \mathbb{H} 42'14			morning set	-11706 Jul 01 j 07:34	6° \mathbb{Y} 43'35	
morning max el	-11707 Jun 28 j 15:15	24° \mathbb{H} 02'56	19°00'49					
	-11707 Jul 03 j 12:16	0° \mathbb{Y}			superior conj	-11706 Jul 15 j 17:05	0° \mathbb{S} 11'40	1°11'46
morning set	-11707 Jul 20 j 15:57	26° \mathbb{Y} 31'54			minimum elong	-11706 Jul 15 j 23:42	0° \mathbb{S} 38'07	1°11'25
	-11707 Jul 22 j 20:11	0° \mathbb{S}				-11706 Jul 15 j 14:10	0° \mathbb{S}	
max. Earth dist.	-11707 Aug 04 j 23:11	20° \mathbb{S} 48'26	1.44566 AU		max. Earth dist.	-11706 Jul 18 j 15:57	4° \mathbb{S} 53'56	1.44393 AU
					desc. node	-11706 Jul 28 j 18:53	20° \mathbb{S} 51'30	
superior conj	-11707 Aug 05 j 15:38	21° \mathbb{S} 53'29	0°30'52		evening rise	-11706 Aug 01 j 08:24	26° \mathbb{S} 26'23	
minimum elong	-11707 Aug 05 j 19:22	22° \mathbb{S} 08'15	0°30'55			-11706 Aug 03 j 15:02	0° \mathbb{I}	
desc. node	-11707 Aug 10 j 21:32	0° \mathbb{I} 12'44			greatest brilliancy	-11706 Aug 11 j 23:43	12° \mathbb{I} 58'13	-0.7m
	-11707 Aug 10 j 18:20	0° \mathbb{I}				-11706 Aug 24 j 04:14	0° \mathbb{S}	
evening rise	-11707 Aug 21 j 09:38	17° \mathbb{I} 03'14			evening max el	-11706 Aug 25 j 11:18	1° \mathbb{S} 24'00	19°32'59
	-11707 Aug 29 j 10:08	0° \mathbb{S}			retrograde	-11706 Sep 01 j 16:56	5° \mathbb{S} 33'23	
evening max el	-11707 Sep 11 j 02:21	17° \mathbb{S} 53'55	18°47'29		evening set	-11706 Sep 05 j 01:52	4° \mathbb{S} 27'25	
retrograde	-11707 Sep 17 j 21:02	21° \mathbb{S} 42'08			asc. node	-11706 Sep 07 j 02:25	2° \mathbb{S} 46'58	
asc. node	-11707 Sep 20 j 05:21	21° \mathbb{S} 10'58				-11706 Sep 09 j 13:10	30° \mathbb{R} \mathbb{I}	
evening set	-11707 Sep 20 j 21:15	20° \mathbb{S} 51'01			inferior conj	-11706 Sep 10 j 16:52	28° \mathbb{I} 31'50	1°07'40
inferior conj	-11707 Sep 26 j 19:23	15° \mathbb{S} 07'36	1°59'42		minimum elong	-11706 Sep 10 j 15:19	28° \mathbb{I} 36'50	1°07'43
minimum elong	-11707 Sep 26 j 16:41	15° \mathbb{S} 15'45	1°59'25		min. Earth dist.	-11706 Sep 11 j 21:08	27° \mathbb{I} 00'47	0.66021 AU
min. Earth dist.	-11707 Sep 28 j 11:46	13° \mathbb{S} 06'02	0.65020 AU		morning rise	-11706 Sep 16 j 04:27	22° \mathbb{I} 14'17	
morning rise	-11707 Oct 02 j 11:36	8° \mathbb{S} 56'55			direct	-11706 Sep 22 j 04:20	19° \mathbb{I} 41'27	
direct	-11707 Oct 09 j 00:34	6° \mathbb{S} 14'09			morning max el	-11706 Oct 04 j 11:27	26° \mathbb{I} 54'28	25°48'43
morning max el	-11707 Oct 22 j 01:22	13° \mathbb{S} 42'33	26°49'50			-11706 Oct 07 j 09:34	0° \mathbb{S}	
	-11707 Nov 04 j 10:33	0° \mathbb{O}			desc. node	-11706 Oct 24 j 17:53	23° \mathbb{S} 15'55	
desc. node	-11707 Nov 06 j 21:07	3° \mathbb{O} 29'42				-11706 Oct 29 j 01:26	0° \mathbb{O}	
	-11707 Nov 23 j 00:46	0° \mathbb{M}			morning set	-11706 Nov 09 j 12:51	19° \mathbb{O} 38'42	
morning set	-11707 Nov 26 j 16:03	6° \mathbb{M} 47'41			max. Earth dist.	-11706 Nov 13 j 12:33	27° \mathbb{O} 06'01	1.36259 AU
max. Earth dist.	-11707 Dec 01 j 03:56	15° \mathbb{M} 37'06	1.34768 AU			-11706 Nov 15 j 00:41	0° \mathbb{M}	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11706 Nov 18 j 22:27	7° \mathbb{M} 43'24	-1°37'18	max. Earth dist.	-11705 Oct 26 j 13:13	8° \mathbb{Q} 30'05	1.38085 AU
minimum elong	-11706 Nov 18 j 23:14	7° \mathbb{M} 47'23	1°36'59				
evening rise	-11706 Nov 26 j 18:57	23° \mathbb{M} 45'05		superior conj	-11705 Nov 02 j 07:45	21° \mathbb{Q} 09'20	-1°38'10
	-11706 Nov 29 j 21:50	0° \mathbb{L}		minimum elong	-11705 Nov 02 j 07:01	21° \mathbb{Q} 05'47	1°37'43
asc. node	-11706 Dec 04 j 00:46	7° \mathbb{L} 44'46			-11705 Nov 06 j 20:18	0° \mathbb{M}	
evening max el	-11706 Dec 14 j 22:14	22° \mathbb{L} 53'11	20°05'22	evening rise	-11705 Nov 10 j 20:15	7° \mathbb{M} 55'58	
retrograde	-11706 Dec 25 j 01:25	27° \mathbb{L} 38'55		asc. node	-11705 Nov 20 j 22:06	26° \mathbb{M} 24'22	
evening set	-11706 Dec 27 j 16:03	27° \mathbb{L} 21'23			-11705 Nov 23 j 08:31	0° \mathbb{L}	
inferior conj	-11705 Jan 05 j 05:49	23° \mathbb{L} 19'23	3°30'28	evening max el	-11705 Nov 27 j 15:56	5° \mathbb{L} 02'35	19°06'30
minimum elong	-11705 Jan 05 j 11:09	23° \mathbb{L} 11'11	3°29'14	retrograde	-11705 Dec 06 j 09:00	9° \mathbb{L} 12'21	
min. Earth dist.	-11705 Jan 07 j 07:10	22° \mathbb{L} 03'55	0.56148 AU	evening set	-11705 Dec 08 j 21:05	8° \mathbb{L} 53'12	
morning rise	-11705 Jan 14 j 04:27	18° \mathbb{L} 47'27		inferior conj	-11705 Dec 16 j 22:14	4° \mathbb{L} 36'38	4°10'57
direct	-11705 Jan 18 j 05:09	18° \mathbb{L} 11'34		minimum elong	-11705 Dec 17 j 00:23	4° \mathbb{L} 32'55	4°10'46
desc. node	-11705 Jan 20 j 19:35	18° \mathbb{L} 26'59		min. Earth dist.	-11705 Dec 19 j 21:13	2° \mathbb{L} 33'39	0.57492 AU
morning max el	-11705 Jan 31 j 20:12	24° \mathbb{L} 58'04	23°41'20		-11705 Dec 24 j 07:16	30° \mathbb{R} \mathbb{M}	
	-11705 Feb 05 j 11:01	0° \mathbb{M}		morning rise	-11705 Dec 25 j 01:35	29° \mathbb{M} 40'03	
	-11705 Feb 23 j 09:19	0° \mathbb{X}		direct	-11705 Dec 30 j 10:31	28° \mathbb{M} 32'30	
morning set	-11705 Feb 24 j 18:37	2° \mathbb{X} 52'53			-11704 Jan 05 j 13:51	0° \mathbb{L}	
asc. node	-11705 Mar 01 j 22:39	13° \mathbb{X} 54'18		desc. node	-11704 Jan 07 j 16:19	1° \mathbb{L} 07'52	
				morning max el	-11704 Jan 13 j 11:03	5° \mathbb{L} 41'03	25°15'24
superior conj	-11705 Mar 03 j 20:34	18° \mathbb{X} 00'55	0°18'08		-11704 Jan 31 j 01:35	0° \mathbb{M}	
minimum elong	-11705 Mar 03 j 19:48	17° \mathbb{X} 56'52	0°17'22	morning set	-11704 Feb 09 j 07:09	17° \mathbb{M} 58'44	
max. Earth dist.	-11705 Mar 05 j 21:41	22° \mathbb{X} 22'44	1.33651 AU		-11704 Feb 14 j 21:27	0° \mathbb{X}	
	-11705 Mar 09 j 13:28	0° \mathbb{Z}					
evening rise	-11705 Mar 11 j 11:26	3° \mathbb{Z} 52'22		superior conj	-11704 Feb 16 j 06:29	2° \mathbb{X} 59'38	-0°05'19
	-11705 Mar 26 j 00:09	0° \mathbb{Z}		minimum elong	-11704 Feb 16 j 06:44	3° \mathbb{X} 00'58	0°05'51
evening max el	-11705 Apr 13 j 22:04	24° \mathbb{Z} 49'29	27°26'55	behind sun begin	-11704 Feb 16 j 02:01	2° \mathbb{X} 35'19	
desc. node	-11705 Apr 18 j 19:25	28° \mathbb{Z} 58'28		behind sun end	-11704 Feb 16 j 11:27	3° \mathbb{X} 26'35	
	-11705 Apr 20 j 08:31	0° \mathbb{X}		asc. node	-11704 Feb 16 j 19:50	4° \mathbb{X} 12'03	
retrograde	-11705 Apr 27 j 16:06	2° \mathbb{X} 23'40		max. Earth dist.	-11704 Feb 17 j 07:34	5° \mathbb{X} 15'40	1.33058 AU
	-11705 May 04 j 09:32	30° \mathbb{R} \mathbb{Z}		evening rise	-11704 Feb 23 j 13:26	18° \mathbb{X} 27'51	
evening set	-11705 May 04 j 15:00	29° \mathbb{Z} 50'07			-11704 Feb 29 j 10:42	0° \mathbb{Z}	
min. Earth dist.	-11705 May 08 j 06:52	26° \mathbb{Z} 35'43	0.63281 AU		-11704 Mar 19 j 15:18	0° \mathbb{Z}	
inferior conj	-11705 May 10 j 23:13	23° \mathbb{Z} 48'42	-3°28'27	evening max el	-11704 Mar 26 j 04:59	7° \mathbb{Z} 17'16	27°14'30
minimum elong	-11705 May 10 j 23:39	23° \mathbb{Z} 47'34	3°28'52	desc. node	-11704 Apr 04 j 16:38	13° \mathbb{Z} 54'50	
morning rise	-11705 May 17 j 09:18	18° \mathbb{Z} 32'42		retrograde	-11704 Apr 09 j 05:14	14° \mathbb{Z} 48'42	
direct	-11705 May 20 j 03:55	17° \mathbb{Z} 54'34		evening set	-11704 Apr 15 j 22:29	12° \mathbb{Z} 40'15	
morning max el	-11705 May 26 j 15:58	21° \mathbb{Z} 17'37	18°04'49	min. Earth dist.	-11704 Apr 19 j 17:36	9° \mathbb{Z} 45'10	0.61427 AU
asc. node	-11705 May 28 j 22:38	23° \mathbb{Z} 50'37		inferior conj	-11704 Apr 22 j 21:37	6° \mathbb{Z} 50'53	-3°22'21
	-11705 Jun 02 j 07:16	0° \mathbb{X}		minimum elong	-11704 Apr 22 j 20:18	6° \mathbb{Z} 53'56	3°22'48
morning set	-11705 Jun 13 j 00:00	18° \mathbb{X} 04'40		morning rise	-11704 Apr 29 j 19:59	1° \mathbb{Z} 54'15	
	-11705 Jun 19 j 22:09	0° \mathbb{Y}		direct	-11704 May 02 j 10:08	1° \mathbb{Z} 25'15	
superior conj	-11705 Jun 25 j 12:24	9° \mathbb{Y} 22'48	1°38'29	morning max el	-11704 May 09 j 05:38	4° \mathbb{Z} 49'28	18°04'04
minimum elong	-11705 Jun 25 j 17:00	9° \mathbb{Y} 41'46	1°38'17	asc. node	-11704 May 14 j 19:29	11° \mathbb{Z} 53'16	
max. Earth dist.	-11705 Jul 01 j 06:05	18° \mathbb{Y} 44'38	1.43543 AU		-11704 May 25 j 07:28	0° \mathbb{X}	
	-11705 Jul 08 j 08:00	0° \mathbb{Z}		morning set	-11704 May 25 j 13:26	0° \mathbb{X} 27'09	
evening rise	-11705 Jul 11 j 11:13	4° \mathbb{Z} 53'42		superior conj	-11704 Jun 05 j 10:38	19° \mathbb{X} 54'04	1°48'57
desc. node	-11705 Jul 15 j 16:18	11° \mathbb{Z} 24'01		minimum elong	-11704 Jun 05 j 11:30	19° \mathbb{X} 57'47	1°48'48
	-11705 Jul 28 j 02:10	0° \mathbb{I}			-11704 Jun 11 j 09:08	0° \mathbb{Y}	
evening max el	-11705 Aug 08 j 14:15	14° \mathbb{I} 50'47	20°33'27	max. Earth dist.	-11704 Jun 12 j 14:38	2° \mathbb{Y} 02'31	1.42138 AU
retrograde	-11705 Aug 16 j 13:43	19° \mathbb{I} 30'44		evening rise	-11704 Jun 19 j 14:45	13° \mathbb{Y} 23'23	
evening set	-11705 Aug 20 j 09:30	18° \mathbb{I} 06'48			-11704 Jun 30 j 09:12	0° \mathbb{Z}	
asc. node	-11705 Aug 24 j 23:25	13° \mathbb{I} 08'25		desc. node	-11704 Jul 01 j 13:44	1° \mathbb{Z} 46'32	
inferior conj	-11705 Aug 25 j 19:13	12° \mathbb{I} 02'05	0°15'40	evening max el	-11704 Jul 21 j 10:11	28° \mathbb{Z} 13'24	21°46'13
minimum elong	-11705 Aug 25 j 18:51	12° \mathbb{I} 03'18	0°16'08		-11704 Jul 23 j 06:59	0° \mathbb{I}	
transit middle	-11705 Aug 25 j 18:51	12° \mathbb{I} 03'18	0°16'08	retrograde	-11704 Jul 30 j 09:31	3° \mathbb{I} 31'52	
transit begin	-11705 Aug 25 j 18:22	12° \mathbb{I} 04'56		evening set	-11704 Aug 03 j 18:04	1° \mathbb{I} 47'37	
transit end	-11705 Aug 25 j 19:20	12° \mathbb{I} 01'40			-11704 Aug 05 j 14:38	30° \mathbb{R} \mathbb{Z}	
min. Earth dist.	-11705 Aug 26 j 12:23	11° \mathbb{I} 04'14	0.66718 AU	inferior conj	-11704 Aug 09 j 00:28	25° \mathbb{Z} 36'42	-0°34'26
morning rise	-11705 Aug 31 j 04:02	5° \mathbb{I} 41'23		minimum elong	-11704 Aug 09 j 01:11	25° \mathbb{Z} 34'14	0°33'38
direct	-11705 Sep 05 j 13:30	3° \mathbb{I} 24'04		min. Earth dist.	-11704 Aug 09 j 07:08	25° \mathbb{Z} 13'42	0.67125 AU
morning max el	-11705 Sep 16 j 21:17	10° \mathbb{I} 09'51	24°31'50	asc. node	-11704 Aug 10 j 20:23	23° \mathbb{Z} 07'38	
	-11705 Oct 02 j 15:52	0° \mathbb{Z}		morning rise	-11704 Aug 14 j 08:11	19° \mathbb{Z} 16'39	
desc. node	-11705 Oct 11 j 14:45	13° \mathbb{Z} 23'40		direct	-11704 Aug 19 j 03:37	17° \mathbb{Z} 17'16	
	-11705 Oct 21 j 17:38	0° \mathbb{Q}		morning max el	-11704 Aug 29 j 08:09	23° \mathbb{Z} 25'20	23°08'04
morning set	-11705 Oct 22 j 13:50	1° \mathbb{Q} 27'22			-11704 Sep 04 j 02:03	0° \mathbb{I}	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11704 Sep 25 j 02:11	0°☿				-11703 Sep 17 j 20:55	0°☿	
desc. node	-11704 Sep 27 j 11:39	3°☿46'15		max. Earth dist.		-11703 Sep 19 j 14:47	2°☿52'09	1.41941 AU
morning set	-11704 Oct 02 j 13:53	12°☿01'10						
max. Earth dist.	-11704 Oct 07 j 11:51	20°☿18'09	1.40066 AU	superior conj		-11703 Sep 26 j 22:42	15°☿17'08	-1°10'33
	-11704 Oct 13 j 00:05	0°♌		minimum elong		-11703 Sep 26 j 18:32	14°☿59'03	1°09'30
						-11703 Oct 05 j 04:59	0°♌	
superior conj	-11704 Oct 15 j 01:40	3°♌45'13	-1°30'01	evening rise		-11703 Oct 07 j 19:32	4°♌45'23	
minimum elong	-11704 Oct 14 j 23:01	3°♌33'01	1°29'17			-11703 Oct 23 j 10:59	0°♍	
evening rise	-11704 Oct 24 j 13:34	21°♌38'38		evening max el		-11703 Oct 24 j 04:07	0°♍44'29	18°09'08
	-11704 Oct 28 j 23:52	0°♍		asc. node		-11703 Oct 24 j 16:40	1°♍14'41	
asc. node	-11704 Nov 06 j 19:25	14°♍18'49		retrograde		-11703 Oct 31 j 03:02	4°♍18'37	
evening max el	-11704 Nov 09 j 18:43	17°♍42'00	18°27'48	evening set		-11703 Nov 02 j 15:28	3°♍51'03	
retrograde	-11704 Nov 17 j 10:00	21°♍28'02				-11703 Nov 08 j 09:48	30°♍♌	
evening set	-11704 Nov 19 j 21:25	21°♍05'31		inferior conj		-11703 Nov 09 j 15:29	28°♌52'38	3°53'15
inferior conj	-11704 Nov 27 j 09:44	16°♍28'40	4°15'04	minimum elong		-11703 Nov 09 j 12:08	29°♌00'22	3°53'06
minimum elong	-11704 Nov 27 j 08:22	16°♍31'25	4°15'10	min. Earth dist.		-11703 Nov 12 j 15:16	26°♌08'05	0.61101 AU
min. Earth dist.	-11704 Nov 30 j 14:54	13°♍54'33	0.59242 AU	morning rise		-11703 Nov 16 j 07:30	23°♌16'00	
morning rise	-11704 Dec 04 j 17:31	11°♍10'22		direct		-11703 Nov 23 j 06:59	20°♌57'57	
direct	-11704 Dec 11 j 03:47	9°♍24'37		morning max el		-11703 Dec 07 j 05:06	28°♌24'14	27°20'38
desc. node	-11704 Dec 24 j 12:58	16°♍06'44				-11703 Dec 08 j 19:24	0°♍	
morning max el	-11704 Dec 25 j 05:00	16°♍44'27	26°32'29	desc. node		-11703 Dec 11 j 09:36	2°♍50'03	
	-11703 Jan 05 j 04:26	0°♎				-11703 Dec 29 j 19:35	0°♎	
	-11703 Jan 22 j 07:26	0°♏		morning set		-11702 Jan 08 j 02:02	17°♎49'46	
morning set	-11703 Jan 23 j 18:15	3°♏00'04				-11702 Jan 13 j 19:36	0°♏	
				max. Earth dist.		-11702 Jan 14 j 09:27	1°♏15'14	1.32862 AU
superior conj	-11703 Jan 30 j 18:08	18°♏03'28	-0°27'52					
minimum elong	-11703 Jan 30 j 19:14	18°♏09'33	0°28'08	superior conj		-11702 Jan 15 j 05:49	3°♏06'07	-0°48'47
max. Earth dist.	-11703 Jan 30 j 20:40	18°♏17'19	1.32794 AU	minimum elong		-11702 Jan 15 j 07:34	3°♏15'41	0°48'50
asc. node	-11703 Feb 02 j 17:02	24°♏29'32		asc. node		-11702 Jan 20 j 14:16	14°♏42'33	
	-11703 Feb 05 j 06:43	0°♐		evening rise		-11702 Jan 22 j 06:27	18°♏15'08	
evening rise	-11703 Feb 06 j 20:27	3°♐17'55				-11702 Jan 28 j 03:08	0°♐	
	-11703 Feb 21 j 09:13	0°♑				-11702 Feb 17 j 17:25	0°♑	
evening max el	-11703 Mar 08 j 06:54	19°♑08'16	26°29'43	evening max el		-11702 Feb 18 j 03:30	0°♑24'17	25°17'15
retrograde	-11703 Mar 22 j 10:06	26°♑31'19		retrograde		-11702 Mar 04 j 04:10	7°♑30'59	
desc. node	-11703 Mar 22 j 13:46	26°♑31'16		evening set		-11702 Mar 09 j 06:07	6°♑30'40	
evening set	-11703 Mar 28 j 11:42	24°♑56'58		desc. node		-11702 Mar 09 j 10:49	6°♑26'02	
min. Earth dist.	-11703 Apr 01 j 20:20	22°♑06'33	0.59436 AU	min. Earth dist.		-11702 Mar 14 j 17:01	3°♑31'35	0.57579 AU
inferior conj	-11703 Apr 05 j 04:31	19°♑26'39	-2°54'05	inferior conj		-11702 Mar 17 j 16:41	1°♑27'54	-1°57'33
minimum elong	-11703 Apr 05 j 01:26	19°♑32'51	2°54'11	minimum elong		-11702 Mar 17 j 13:08	1°♑34'05	1°57'18
morning rise	-11703 Apr 12 j 17:59	14°♑49'49				-11702 Mar 19 j 20:45	30°♑♐	
direct	-11703 Apr 15 j 03:48	14°♑28'31		morning rise		-11702 Mar 25 j 23:22	27°♑09'28	
morning max el	-11703 Apr 22 j 16:28	18°♑07'03	18°22'20	direct		-11702 Mar 28 j 05:14	26°♑54'02	
	-11703 May 01 j 07:40	0°♒				-11702 Apr 04 j 17:53	0°♑	
asc. node	-11703 May 01 j 16:19	0°♒37'01		morning max el		-11702 Apr 05 j 21:27	1°♑01'06	19°00'08
morning set	-11703 May 08 j 19:02	13°♒39'31		asc. node		-11702 Apr 18 j 13:11	19°♑52'10	
	-11703 May 17 j 11:53	0°♓		morning set		-11702 Apr 22 j 12:30	27°♑31'08	
						-11702 Apr 23 j 18:49	0°♒	
superior conj	-11703 May 18 j 09:53	1°♓40'43	1°46'12					
minimum elong	-11703 May 18 j 08:04	1°♓32'26	1°45'47	superior conj		-11702 May 01 j 04:51	14°♒28'36	1°34'11
max. Earth dist.	-11703 May 25 j 17:27	14°♓38'37	1.40374 AU	minimum elong		-11702 May 01 j 01:55	14°♒14'32	1°33'26
evening rise	-11703 May 30 j 15:12	22°♓54'56		max. Earth dist.		-11702 May 07 j 17:44	26°♒38'04	1.38501 AU
	-11703 Jun 03 j 23:51	0°♑				-11702 May 09 j 14:54	0°♓	
desc. node	-11703 Jun 18 j 11:12	21°♑54'08		evening rise		-11702 May 11 j 19:10	3°♓49'06	
	-11703 Jun 24 j 07:57	0°♒				-11702 May 28 j 02:46	0°♑	
evening max el	-11703 Jul 04 j 00:05	11°♒33'51	23°06'55	desc. node		-11702 Jun 05 j 08:42	11°♑39'43	
retrograde	-11703 Jul 14 j 02:53	17°♒34'11		evening max el		-11702 Jun 16 j 10:27	24°♑54'21	24°28'54
evening set	-11703 Jul 19 j 01:38	15°♒28'46				-11702 Jun 22 j 16:50	0°♒	
inferior conj	-11703 Jul 24 j 06:48	9°♒14'17	-1°21'06	retrograde		-11702 Jun 27 j 16:40	1°♒33'26	
minimum elong	-11703 Jul 24 j 08:23	9°♒08'50	1°20'08			-11702 Jul 02 j 04:21	30°♒♑	
min. Earth dist.	-11703 Jul 24 j 02:54	9°♒27'47	0.67238 AU	evening set		-11702 Jul 03 j 06:17	29°♑08'11	
asc. node	-11703 Jul 28 j 17:15	3°♒46'32		min. Earth dist.		-11702 Jul 07 j 21:14	23°♑43'51	0.67036 AU
morning rise	-11703 Jul 29 j 15:03	2°♒58'43		inferior conj		-11702 Jul 08 j 12:26	22°♑52'29	-2°03'00
direct	-11703 Aug 02 j 21:44	1°♒17'33		minimum elong		-11702 Jul 08 j 14:36	22°♑45'11	2°02'06
morning max el	-11703 Aug 11 j 22:40	6°♒42'50	21°45'46	morning rise		-11702 Jul 13 j 22:51	16°♑44'56	
	-11703 Aug 29 j 13:05	0°♓		asc. node		-11702 Jul 15 j 14:03	15°♑48'10	
morning set	-11703 Sep 12 j 11:50	21°♓20'27		direct		-11702 Jul 17 j 18:31	15°♑20'58	
desc. node	-11703 Sep 14 j 08:39	24°♓19'00		morning max el		-11702 Jul 25 j 19:03	20°♑05'13	20°31'26

	-11702 Aug 02 j 18:07	0° 8			-11701 Jul 27 j 12:09	0° 8		
morning set	-11702 Aug 22 j 16:29	29° 8 52'37		morning set	-11701 Aug 01 j 22:51	8° 8 31'46		
	-11702 Aug 22 j 18:23	0° II		max. Earth dist.	-11701 Aug 15 j 15:11	0° II 05'00	1.44353 AU	
desc. node	-11702 Sep 01 j 05:45	14° II 57'32			-11701 Aug 15 j 13:55	0° II		
max. Earth dist.	-11702 Sep 02 j 00:25	16° II 12'33	1.43438 AU					
				superior conj	-11701 Aug 18 j 09:07	4° II 27'23	0°04'28	
superior conj	-11702 Sep 07 j 17:22	25° II 30'54	-0°38'22	minimum elong	-11701 Aug 18 j 09:43	4° II 29'47	0°04'59	
minimum elong	-11702 Sep 07 j 13:50	25° II 16'16	0°37'17	behind sun begin	-11701 Aug 17 j 23:02	3° II 47'07		
	-11702 Sep 10 j 10:06	0° ㊄		behind sun end	-11701 Aug 18 j 20:25	5° II 12'28		
evening rise	-11702 Sep 20 j 09:40	17° ㊄ 05'10		desc. node	-11701 Aug 19 j 02:59	5° II 38'41		
	-11702 Sep 27 j 21:11	0° Ω		evening rise	-11701 Sep 02 j 02:30	28° II 25'04		
evening max el	-11702 Oct 07 j 17:02	14° Ω 01'50	18°09'44		-11701 Sep 03 j 01:24	0° ㊄		
asc. node	-11702 Oct 11 j 13:52	16° Ω 55'48		evening max el	-11701 Sep 21 j 06:35	27° ㊄ 28'03	18°28'39	
retrograde	-11702 Oct 14 j 08:26	17° Ω 34'32			-11701 Sep 24 j 07:47	0° Ω		
evening set	-11702 Oct 16 j 23:40	16° Ω 59'57		retrograde	-11701 Sep 27 j 22:06	1° Ω 08'23		
inferior conj	-11702 Oct 23 j 12:28	11° Ω 41'28	3°15'27	asc. node	-11701 Sep 28 j 11:02	1° Ω 06'47		
minimum elong	-11702 Oct 23 j 08:40	11° Ω 51'21	3°15'02	evening set	-11701 Sep 30 j 18:20	0° Ω 24'12		
min. Earth dist.	-11702 Oct 26 j 00:58	9° Ω 04'40	0.62832 AU		-11701 Oct 01 j 11:17	30° R ㊄		
morning rise	-11702 Oct 29 j 16:45	5° Ω 49'05		inferior conj	-11701 Oct 06 j 21:21	24° ㊄ 48'44	2°28'46	
direct	-11702 Nov 05 j 18:00	3° Ω 11'22		minimum elong	-11701 Oct 06 j 18:05	24° ㊄ 58'07	2°28'21	
morning max el	-11702 Nov 19 j 11:00	10° Ω 42'19	27°34'26	min. Earth dist.	-11701 Oct 08 j 20:57	22° ㊄ 32'04	0.64306 AU	
desc. node	-11702 Nov 28 j 06:13	20° Ω 48'19		morning rise	-11701 Oct 12 j 17:11	18° ㊄ 43'30		
	-11702 Dec 04 j 19:17	0° ൬		direct	-11701 Oct 19 j 12:00	15° ㊄ 59'26		
	-11702 Dec 22 j 00:19	0° ㏿		morning max el	-11701 Nov 01 j 20:30	23° ㊄ 31'23	27°14'34	
morning set	-11702 Dec 23 j 04:17	2° ㏿ 19'50			-11701 Nov 07 j 18:09	0° Ω		
max. Earth dist.	-11702 Dec 28 j 18:15	13° ㏿ 56'31	1.33284 AU	desc. node	-11701 Nov 15 j 02:53	9° Ω 40'07		
					-11701 Nov 28 j 01:05	0° ൬		
superior conj	-11702 Dec 30 j 15:52	18° ㏿ 01'17	-1°07'22	morning set	-11701 Dec 06 j 22:09	16° ൬ 21'01		
minimum elong	-11702 Dec 30 j 17:57	18° ㏿ 12'31	1°07'15	max. Earth dist.	-11701 Dec 11 j 19:25	26° ൬ 10'28	1.34103 AU	
	-11701 Jan 05 j 05:13	0° ᳚			-11701 Dec 13 j 15:33	0° ㏿		
evening rise	-11701 Jan 06 j 17:40	3° ᳚ 12'54						
asc. node	-11701 Jan 07 j 11:35	4° ᳚ 46'35		superior conj	-11701 Dec 14 j 22:24	2° ㏿ 42'23	-1°22'40	
	-11701 Jan 21 j 12:23	0° 𐤀		minimum elong	-11701 Dec 15 j 00:24	2° ㏿ 52'57	1°22'27	
evening max el	-11701 Jan 30 j 20:50	11° 𐤀 18'12	23°47'26	evening rise	-11701 Dec 22 j 04:28	18° ㏿ 05'03		
retrograde	-11701 Feb 13 j 09:45	17° 𐤀 57'33		asc. node	-11701 Dec 25 j 08:56	24° ㏿ 36'09		
evening set	-11701 Feb 17 j 09:57	17° 𐤀 22'09			-11701 Dec 28 j 03:45	0° ᳚		
desc. node	-11701 Feb 24 j 07:44	14° 𐤀 06'02		evening max el	-11700 Jan 12 j 15:43	22° ᳚ 12'14	22°13'35	
min. Earth dist.	-11701 Feb 24 j 09:47	14° 𐤀 02'58	0.56166 AU	retrograde	-11700 Jan 25 j 04:25	28° ᳚ 11'19		
inferior conj	-11701 Feb 26 j 09:14	12° 𐤀 50'39	-0°31'25	evening set	-11700 Jan 28 j 08:19	27° ᳚ 49'14		
minimum elong	-11701 Feb 26 j 07:57	12° 𐤀 52'37	0°31'39	inferior conj	-11700 Feb 06 j 10:40	23° ᳚ 41'46	1°12'50	
morning rise	-11701 Mar 07 j 08:31	8° 𐤀 45'28		minimum elong	-11700 Feb 06 j 13:45	23° ᳚ 37'23	1°11'21	
direct	-11701 Mar 09 j 12:48	8° 𐤀 33'11		min. Earth dist.	-11700 Feb 06 j 00:34	23° ᳚ 56'14	0.55476 AU	
morning max el	-11701 Mar 19 j 17:46	13° 𐤀 22'44	19°57'49	desc. node	-11700 Feb 11 j 04:34	21° ᳚ 09'57		
	-11701 Mar 31 j 10:54	0° 𐤁		morning rise	-11700 Feb 15 j 19:56	19° ᳚ 37'29		
asc. node	-11701 Apr 05 j 10:08	9° 𐤁 31'25		direct	-11700 Feb 18 j 06:26	19° ᳚ 23'51		
morning set	-11701 Apr 06 j 14:26	11° 𐤁 53'14		morning max el	-11700 Mar 01 j 03:11	25° ᳚ 04'32	21°14'19	
					-11700 Mar 05 j 13:20	0° 𐤀		
superior conj	-11701 Apr 14 j 14:30	28° 𐤁 04'22	1°16'16	morning set	-11700 Mar 20 j 22:01	26° 𐤀 36'29		
minimum elong	-11701 Apr 14 j 11:33	27° 𐤁 49'42	1°15'17	asc. node	-11700 Mar 22 j 07:10	29° 𐤀 27'48		
	-11701 Apr 15 j 13:47	0° ≈			-11700 Mar 22 j 13:22	0° 𐤁		
max. Earth dist.	-11701 Apr 19 j 21:05	8° ≈ 21'10	1.36746 AU					
evening rise	-11701 Apr 23 j 23:34	15° ≈ 58'59		superior conj	-11700 Mar 28 j 10:33	12° 𐤁 14'52	0°54'52	
	-11701 May 02 j 01:07	0° 𐤃		minimum elong	-11700 Mar 28 j 08:16	12° 𐤁 03'03	0°53'51	
	-11701 May 22 j 12:34	0° 𐤄		max. Earth dist.	-11700 Apr 01 j 08:29	20° 𐤁 11'53	1.35266 AU	
desc. node	-11701 May 23 j 06:10	0° 𐤄 54'23		evening rise	-11700 Apr 05 j 22:33	29° 𐤁 07'37		
evening max el	-11701 May 29 j 20:09	8° 𐤄 16'31	25°43'53		-11700 Apr 06 j 09:38	0° ≈		
retrograde	-11701 Jun 11 j 02:16	15° 𐤄 25'28			-11700 Apr 24 j 05:05	0° 𐤃		
evening set	-11701 Jun 17 j 06:00	12° 𐤄 45'00		desc. node	-11700 May 09 j 03:34	19° 𐤃 24'52		
min. Earth dist.	-11701 Jun 21 j 11:50	7° 𐤄 59'44	0.66485 AU	evening max el	-11700 May 11 j 06:33	21° 𐤃 36'08	26°43'22	
inferior conj	-11701 Jun 22 j 15:35	6° 𐤄 30'01	-2°38'44	retrograde	-11700 May 24 j 07:10	29° 𐤃 03'25		
minimum elong	-11701 Jun 22 j 17:57	6° 𐤄 22'23	2°38'07	evening set	-11700 May 30 j 22:23	26° 𐤃 16'07		
morning rise	-11701 Jun 28 j 05:56	0° 𐤄 33'38		min. Earth dist.	-11700 Jun 03 j 20:34	22° 𐤃 09'50	0.65546 AU	
	-11701 Jun 29 j 05:32	30° 𐤃 𐤃		inferior conj	-11700 Jun 05 j 14:11	20° 𐤃 04'00	-3°06'36	
direct	-11701 Jul 01 j 16:25	29° 𐤃 25'07		minimum elong	-11700 Jun 05 j 16:16	19° 𐤃 57'41	3°06'25	
asc. node	-11701 Jul 02 j 10:51	29° 𐤃 28'25		morning rise	-11700 Jun 11 j 10:24	14° 𐤃 21'26		
	-11701 Jul 04 j 05:25	0° 𐤄		direct	-11700 Jun 14 j 13:30	13° 𐤃 26'16		
morning max el	-11701 Jul 08 j 22:04	3° 𐤄 34'55	19°29'35	asc. node	-11700 Jun 18 j 07:39	14° 𐤃 41'11		

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

morning max el	-11700 Jun 21 j 06:47	17° X 10'27	18°43'03	morning rise	-11699 May 26 j 10:04	28° \approx 04'03	
	-11700 Jun 30 j 18:20	0° Y		direct	-11699 May 29 j 07:22	27° \approx 20'16	
morning set	-11700 Jul 12 j 00:00	18° Y 03'04			-11699 Jun 03 j 22:54	0° X	
	-11700 Jul 19 j 10:02	0° B		morning max el	-11699 Jun 04 j 19:15	0° X 48'19	18°13'33
				asc. node	-11699 Jun 05 j 04:29	1° X 11'57	
superior conj	-11700 Jul 27 j 09:34	12° B 41'46	0°49'31	morning set	-11699 Jun 23 j 02:27	28° X 44'31	
minimum elong	-11700 Jul 27 j 15:08	13° B 03'47	0°49'18		-11699 Jun 23 j 20:18	0° Y	
max. Earth dist.	-11700 Jul 28 j 07:44	14° B 09'28	1.44577 AU				
desc. node	-11700 Aug 05 j 00:19	26° B 19'14		superior conj	-11699 Jul 06 j 16:39	21° Y 16'58	1°25'08
	-11700 Aug 07 j 08:05	0° II		minimum elong	-11699 Jul 06 j 22:54	21° Y 42'11	1°24'50
evening rise	-11700 Aug 12 j 16:56	8° II 31'33		max. Earth dist.	-11699 Jul 10 j 23:06	28° Y 08'27	1.44106 AU
	-11700 Aug 26 j 09:23	0° B			-11699 Jul 12 j 03:07	0° B	
evening max el	-11700 Sep 03 j 17:55	10° B 57'57	19°04'53	desc. node	-11699 Jul 22 j 21:42	16° B 55'40	
retrograde	-11700 Sep 10 j 16:37	14° B 54'31		evening rise	-11699 Jul 23 j 05:23	17° B 25'35	
evening set	-11700 Sep 13 j 20:09	13° B 57'37			-11699 Jul 31 j 08:49	0° II	
asc. node	-11700 Sep 14 j 08:07	13° B 38'19		greatest brilliancy	-11699 Aug 04 j 21:02	6° II 50'20	-0.7m
inferior conj	-11700 Sep 19 j 15:01	8° B 08'32	1°37'47	evening max el	-11699 Aug 18 j 00:31	24° II 26'57	19°57'05
minimum elong	-11700 Sep 19 j 12:47	8° B 15'28	1°37'37	retrograde	-11699 Aug 25 j 13:05	28° II 48'23	
min. Earth dist.	-11700 Sep 21 j 02:08	6° B 19'21	0.65477 AU	evening set	-11699 Aug 29 j 02:18	27° II 35'20	
morning rise	-11700 Sep 25 j 04:59	1° B 54'10		asc. node	-11699 Sep 01 j 05:11	24° II 37'51	
	-11700 Sep 28 j 02:39	30° R II		inferior conj	-11699 Sep 03 j 14:50	21° II 35'44	0°45'28
direct	-11700 Oct 01 j 12:33	29° II 14'41		minimum elong	-11699 Sep 03 j 13:48	21° II 39'09	0°45'43
	-11700 Oct 05 j 04:27	0° B		min. Earth dist.	-11699 Sep 04 j 14:23	20° II 18'13	0.66352 AU
morning max el	-11700 Oct 14 j 06:56	6° B 38'53	26°26'20	morning rise	-11699 Sep 09 j 01:01	15° II 16'13	
desc. node	-11700 Oct 31 j 23:38	29° B 10'05		direct	-11699 Sep 14 j 18:53	12° II 49'11	
	-11700 Nov 01 j 12:59	0° Q		morning max el	-11699 Sep 26 j 16:42	19° II 52'34	25°17'20
morning set	-11700 Nov 19 j 04:02	29° Q 42'15			-11699 Oct 05 j 09:54	0° B	
	-11700 Nov 19 j 07:48	0° P		desc. node	-11699 Oct 18 j 20:25	19° B 06'17	
max. Earth dist.	-11700 Nov 23 j 10:04	7° P 53'04	1.35348 AU		-11699 Oct 25 j 15:56	0° Q	
				morning set	-11699 Nov 01 j 17:03	12° Q 08'33	
superior conj	-11700 Nov 27 j 23:11	17° P 02'21	-1°33'35	max. Earth dist.	-11699 Nov 05 j 14:17	19° Q 14'32	1.36999 AU
minimum elong	-11700 Nov 28 j 00:36	17° P 09'34	1°33'18		-11699 Nov 11 j 04:50	0° P	
	-11700 Dec 04 j 05:00	0° A					
evening rise	-11700 Dec 05 j 13:09	2° A 46'13		superior conj	-11699 Nov 11 j 15:11	0° P 51'02	-1°38'39
asc. node	-11700 Dec 11 j 06:18	14° A 05'09		minimum elong	-11699 Nov 11 j 15:24	0° P 52'05	1°38'17
	-11700 Dec 21 j 11:18	0° M		evening rise	-11699 Nov 19 j 17:44	17° P 09'29	
evening max el	-11700 Dec 24 j 17:41	3° M 29'15	20°47'51		-11699 Nov 26 j 09:22	0° A	
retrograde	-11699 Jan 04 j 19:07	8° M 40'42		asc. node	-11699 Nov 28 j 03:39	3° A 05'13	
evening set	-11699 Jan 07 j 12:16	8° M 23'11		evening max el	-11699 Dec 07 j 05:35	15° A 19'13	19°37'58
inferior conj	-11699 Jan 16 j 08:21	4° M 24'19	2°49'00	retrograde	-11699 Dec 16 j 17:18	19° A 47'41	
minimum elong	-11699 Jan 16 j 14:06	4° M 15'55	2°47'13	evening set	-11699 Dec 19 j 06:36	19° A 29'44	
min. Earth dist.	-11699 Jan 17 j 14:31	3° M 40'16	0.55660 AU	inferior conj	-11699 Dec 27 j 15:12	15° A 23'05	3°52'34
morning rise	-11699 Jan 25 j 14:37	0° M 04'58		minimum elong	-11699 Dec 27 j 19:25	15° A 16'16	3°51'49
	-11699 Jan 25 j 23:26	30° R A		min. Earth dist.	-11699 Dec 30 j 03:59	13° A 45'35	0.56654 AU
desc. node	-11699 Jan 28 j 01:21	29° A 42'40		morning rise	-11698 Jan 05 j 06:07	10° A 40'26	
direct	-11699 Jan 28 j 21:42	29° A 41'03		direct	-11698 Jan 09 j 20:59	9° A 52'16	
	-11699 Jan 31 j 18:51	0° M		desc. node	-11698 Jan 14 j 22:05	10° A 50'45	
morning max el	-11699 Feb 11 j 01:48	6° M 08'39	22°45'29	morning max el	-11698 Jan 23 j 17:19	16° A 50'20	24°22'23
	-11699 Feb 27 j 14:04	0° X			-11698 Feb 03 j 08:07	0° M	
morning set	-11699 Mar 05 j 09:00	11° X 33'37		morning set	-11698 Feb 17 j 21:26	26° M 37'37	
asc. node	-11699 Mar 09 j 04:17	19° X 36'02			-11698 Feb 19 j 11:42	0° X	
				asc. node	-11698 Feb 24 j 01:26	9° X 51'12	
superior conj	-11699 Mar 12 j 13:52	26° X 50'09	0°31'45				
minimum elong	-11699 Mar 12 j 12:31	26° X 43'01	0°30'51	superior conj	-11698 Feb 24 j 21:55	11° X 41'50	0°08'09
	-11699 Mar 14 j 01:52	0° B		minimum elong	-11698 Feb 24 j 21:36	11° X 40'06	0°07'28
max. Earth dist.	-11699 Mar 15 j 05:59	2° B 26'51	1.34139 AU	behind sun begin	-11698 Feb 24 j 17:03	11° X 15'35	
evening rise	-11699 Mar 20 j 11:01	12° B 59'38		behind sun end	-11698 Feb 25 j 02:08	12° X 04'36	
	-11699 Mar 29 j 16:14	0° \approx		max. Earth dist.	-11698 Feb 26 j 12:17	15° X 08'06	1.33359 AU
	-11699 Apr 19 j 06:42	0° X		evening rise	-11698 Mar 04 j 08:58	27° X 22'02	
evening max el	-11699 Apr 23 j 17:18	4° X 44'53	27°19'25		-11698 Mar 05 j 16:32	0° B	
desc. node	-11699 Apr 26 j 00:54	6° X 53'00			-11698 Mar 23 j 00:11	0° \approx	
retrograde	-11699 May 07 j 06:41	12° X 19'19		evening max el	-11698 Apr 06 j 02:33	17° \approx 31'30	27°25'49
evening set	-11699 May 14 j 04:35	9° X 37'06		desc. node	-11698 Apr 12 j 22:09	22° \approx 53'49	
min. Earth dist.	-11699 May 17 j 21:35	6° X 05'48	0.64210 AU	retrograde	-11698 Apr 19 j 23:51	25° \approx 04'53	
inferior conj	-11699 May 20 j 05:46	3° X 30'29	-3°24'17	evening set	-11698 Apr 26 j 21:19	22° \approx 40'57	
minimum elong	-11699 May 20 j 06:59	3° X 27'06	3°24'31	min. Earth dist.	-11698 Apr 30 j 13:42	19° \approx 36'06	0.62517 AU
	-11699 May 23 j 16:00	30° R \approx		inferior conj	-11698 May 03 j 11:26	16° \approx 43'52	-3°28'15

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

minimum elong	-11698 May 03 j 11:10	16° \approx 44'31	3°28'43	evening max el	-11697 Mar 19 j 07:40	29° \approx 34'16	26°59'20
morning rise	-11698 May 10 j 02:21	11° \approx 35'38			-11697 Mar 19 j 14:15	0° \approx	
direct	-11698 May 12 j 18:59	11° \approx 01'31		desc. node	-11697 Mar 30 j 19:20	6° \approx 54'34	
morning max el	-11698 May 19 j 09:10	14° \approx 23'53	18°02'10	retrograde	-11697 Apr 02 j 09:16	7° \approx 11'57	
asc. node	-11698 May 23 j 01:17	18° \approx 45'03		evening set	-11697 Apr 08 j 21:12	5° \approx 17'30	
	-11698 May 30 j 04:18	0° \approx		min. Earth dist.	-11697 Apr 12 j 20:44	2° \approx 26'18	0.60582 AU
morning set	-11698 Jun 05 j 04:29	10° \approx 33'36			-11697 Apr 15 j 16:32	30° \approx	
	-11698 Jun 16 j 08:38	0° \approx		inferior conj	-11697 Apr 16 j 03:40	29° \approx 35'39	-3°13'29
				minimum elong	-11697 Apr 16 j 01:32	29° \approx 40'17	3°13'50
superior conj	-11698 Jun 16 j 23:08	1° \approx 01'17	1°44'48	morning rise	-11697 Apr 23 j 08:05	24° \approx 47'16	
minimum elong	-11698 Jun 17 j 02:08	1° \approx 13'53	1°44'40	direct	-11697 Apr 25 j 20:33	24° \approx 21'35	
max. Earth dist.	-11698 Jun 23 j 11:10	11° \approx 47'31	1.43004 AU	morning max el	-11697 May 02 j 21:53	27° \approx 49'59	18°09'31
evening rise	-11698 Jul 02 j 05:39	25° \approx 46'16			-11697 May 04 j 22:02	0° \approx	
	-11698 Jul 04 j 22:57	0° \approx		asc. node	-11697 May 09 j 22:05	7° \approx 06'03	
desc. node	-11698 Jul 09 j 19:08	7° \approx 24'50		morning set	-11697 May 19 j 01:21	23° \approx 18'33	
	-11698 Jul 25 j 10:10	0° \approx			-11697 May 22 j 16:10	0° \approx	
evening max el	-11698 Aug 01 j 00:41	7° \approx 53'01	21°03'09				
retrograde	-11698 Aug 09 j 09:32	12° \approx 48'01		superior conj	-11697 May 29 j 08:30	12° \approx 05'32	1°49'11
evening set	-11698 Aug 13 j 10:34	11° \approx 15'43		minimum elong	-11697 May 29 j 08:02	12° \approx 03'26	1°48'56
inferior conj	-11698 Aug 18 j 18:40	5° \approx 08'18	-0°05'55	max. Earth dist.	-11697 Jun 05 j 17:45	24° \approx 50'17	1.41418 AU
minimum elong	-11698 Aug 18 j 18:46	5° \approx 07'55	0°05'17		-11697 Jun 08 j 20:18	0° \approx	
transit middle	-11698 Aug 18 j 18:46	5° \approx 07'55	0°05'17	evening rise	-11697 Jun 11 j 16:17	4° \approx 36'42	
transit begin	-11698 Aug 18 j 16:12	5° \approx 16'42		desc. node	-11697 Jun 26 j 16:36	27° \approx 41'46	
transit end	-11698 Aug 18 j 21:21	4° \approx 59'08			-11697 Jun 28 j 06:36	0° \approx	
asc. node	-11698 Aug 19 j 02:09	4° \approx 42'45		evening max el	-11697 Jul 14 j 17:51	21° \approx 14'23	22°19'53
min. Earth dist.	-11698 Aug 19 j 07:21	4° \approx 24'59	0.66933 AU	retrograde	-11697 Jul 24 j 04:21	26° \approx 50'06	
	-11698 Aug 22 j 20:32	30° \approx		evening set	-11697 Jul 28 j 18:56	24° \approx 56'37	
morning rise	-11698 Aug 24 j 02:49	28° \approx 47'35		inferior conj	-11697 Aug 03 j 00:33	18° \approx 43'58	-0°54'44
direct	-11698 Aug 29 j 06:21	26° \approx 37'33		minimum elong	-11697 Aug 03 j 01:40	18° \approx 40'08	0°53'49
	-11698 Sep 05 j 16:46	0° \approx		min. Earth dist.	-11697 Aug 03 j 02:42	18° \approx 36'32	0.67216 AU
morning max el	-11698 Sep 09 j 02:31	3° \approx 07'40	23°56'28	asc. node	-11697 Aug 05 j 23:02	14° \approx 51'32	
	-11698 Sep 29 j 14:59	0° \approx		morning rise	-11697 Aug 08 j 08:19	12° \approx 25'40	
desc. node	-11698 Oct 05 j 17:18	9° \approx 21'10		direct	-11697 Aug 12 j 22:09	10° \approx 34'13	
morning set	-11698 Oct 14 j 07:52	23° \approx 26'05		morning max el	-11697 Aug 22 j 14:39	16° \approx 23'40	22°32'30
	-11698 Oct 18 j 02:56	0° \approx			-11697 Sep 02 j 15:02	0° \approx	
max. Earth dist.	-11698 Oct 18 j 13:11	0° \approx 45'12	1.38933 AU	desc. node	-11697 Sep 22 j 14:16	29° \approx 48'46	
					-11697 Sep 22 j 17:05	0° \approx	
superior conj	-11698 Oct 25 j 18:34	13° \approx 05'34	-1°35'58	morning set	-11697 Sep 24 j 20:31	3° \approx 26'48	
minimum elong	-11698 Oct 25 j 17:02	13° \approx 50'19	1°35'24	max. Earth dist.	-11697 Sep 30 j 13:38	12° \approx 53'38	1.40901 AU
	-11698 Nov 03 j 01:48	0° \approx					
evening rise	-11698 Nov 03 j 15:57	1° \approx 09'06		superior conj	-11697 Oct 08 j 04:19	26° \approx 08'07	-1°23'16
asc. node	-11698 Nov 15 j 00:57	21° \approx 26'54		minimum elong	-11697 Oct 08 j 00:53	25° \approx 52'44	1°22'24
evening max el	-11698 Nov 20 j 03:24	27° \approx 42'01	18°47'29		-11697 Oct 10 j 07:43	0° \approx	
	-11698 Nov 23 j 00:34	0° \approx		evening rise	-11697 Oct 18 j 04:55	14° \approx 37'55	
retrograde	-11698 Nov 28 j 08:00	1° \approx 39'48			-11697 Oct 26 j 16:42	0° \approx	
evening set	-11698 Nov 30 j 19:51	1° \approx 19'14		asc. node	-11697 Nov 01 j 22:13	8° \approx 58'16	
	-11698 Dec 04 j 00:06	30° \approx		evening max el	-11697 Nov 03 j 09:17	10° \approx 32'00	18°17'21
inferior conj	-11698 Dec 08 j 15:29	26° \approx 54'16	4°16'32	retrograde	-11697 Nov 10 j 16:31	14° \approx 11'54	
minimum elong	-11698 Dec 08 j 16:00	26° \approx 53'17	4°16'35	evening set	-11697 Nov 13 j 04:07	13° \approx 47'26	
min. Earth dist.	-11698 Dec 11 j 18:49	24° \approx 35'51	0.58216 AU	inferior conj	-11697 Nov 20 j 11:03	9° \approx 00'58	4°08'20
morning rise	-11698 Dec 16 j 10:16	21° \approx 48'21		minimum elong	-11697 Nov 20 j 08:38	9° \approx 06'09	4°08'22
direct	-11698 Dec 22 j 07:31	20° \approx 24'36		min. Earth dist.	-11697 Nov 23 j 14:48	6° \approx 20'09	0.60035 AU
desc. node	-11697 Jan 01 j 18:45	24° \approx 33'51		morning rise	-11697 Nov 27 j 11:36	3° \approx 34'27	
morning max el	-11697 Jan 05 j 08:36	27° \approx 37'55	25°51'06	direct	-11697 Dec 04 j 04:50	1° \approx 34'05	
	-11697 Jan 07 j 16:29	0° \approx		morning max el	-11697 Dec 18 j 05:12	8° \approx 56'33	26°57'07
	-11697 Jan 27 j 13:42	0° \approx		desc. node	-11697 Dec 19 j 15:23	10° \approx 21'31	
morning set	-11697 Feb 02 j 09:32	11° \approx 41'55			-11696 Jan 03 j 09:32	0° \approx	
				morning set	-11696 Jan 17 j 19:31	26° \approx 39'58	
					-11696 Jan 19 j 09:38	0° \approx	
superior conj	-11697 Feb 09 j 08:43	26° \approx 42'52	-0°15'02				
minimum elong	-11697 Feb 09 j 09:21	26° \approx 46'20	0°15'28	superior conj	-11696 Jan 24 j 20:36	11° \approx 47'23	-0°37'00
behind sun begin	-11697 Feb 09 j 08:26	26° \approx 41'16		minimum elong	-11696 Jan 24 j 22:01	11° \approx 55'08	0°37'09
behind sun end	-11697 Feb 09 j 10:17	26° \approx 51'24		max. Earth dist.	-11696 Jan 24 j 13:44	11° \approx 09'54	1.32782 AU
max. Earth dist.	-11697 Feb 10 j 00:07	28° \approx 06'45	1.32911 AU	asc. node	-11696 Jan 28 j 19:50	20° \approx 25'31	
asc. node	-11697 Feb 10 j 22:36	0° \approx 08'59		evening rise	-11696 Jan 31 j 21:53	26° \approx 58'53	
	-11697 Feb 10 j 20:57	0° \approx					
evening rise	-11697 Feb 16 j 13:21	12° \approx 04'27			-11696 Feb 02 j 08:55	0° \approx	
	-11697 Feb 25 j 21:43	0° \approx			-11696 Feb 19 j 17:09	0° \approx	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening max el	-11696 Feb 29 j 07:05	11° Z 19'22	26°01'42	retrograde	-11695 Feb 23 j 23:06	29° Z 20'52	
retrograde	-11696 Mar 14 j 09:44	18° Z 36'48		evening set	-11695 Feb 28 j 13:43	28° Z 32'33	
desc. node	-11696 Mar 16 j 16:23	18° Z 23'55		desc. node	-11695 Mar 03 j 13:21	27° Z 14'21	
evening set	-11696 Mar 20 j 02:18	17° Z 17'12		min. Earth dist.	-11695 Mar 06 j 15:10	25° Z 26'08	0.56903 AU
min. Earth dist.	-11696 Mar 24 j 20:19	14° Z 24'53	0.58613 AU	inferior conj	-11695 Mar 09 j 06:35	23° Z 42'41	-1°24'21
inferior conj	-11696 Mar 28 j 02:55	11° Z 57'47	-2°33'49	minimum elong	-11695 Mar 09 j 03:37	23° Z 47'32	1°24'09
minimum elong	-11696 Mar 27 j 23:23	12° Z 04'27	2°33'44	morning rise	-11695 Mar 17 j 20:44	19° Z 31'06	
morning rise	-11696 Apr 04 j 23:34	7° Z 29'29		direct	-11695 Mar 20 j 01:09	19° Z 17'33	
direct	-11696 Apr 07 j 07:45	7° Z 10'53		morning max el	-11695 Mar 29 j 08:25	23° Z 41'17	19°22'17
morning max el	-11696 Apr 15 j 06:40	10° Z 59'18	18°36'04		-11695 Apr 03 j 15:24	0° Z	
asc. node	-11696 Apr 25 j 18:57	26° Z 04'22		asc. node	-11695 Apr 12 j 15:52	15° Z 30'40	
	-11696 Apr 27 j 22:23	0° \approx		morning set	-11695 Apr 15 j 09:53	20° Z 54'24	
morning set	-11696 May 01 j 12:27	6° \approx 48'57			-11695 Apr 19 j 23:17	0° \approx	
superior conj	-11696 May 10 j 16:53	24° \approx 20'33	1°42'01	superior conj	-11695 Apr 23 j 18:41	7° \approx 30'39	1°27'08
minimum elong	-11696 May 10 j 14:25	24° \approx 09'05	1°41'28	minimum elong	-11695 Apr 23 j 15:38	7° \approx 15'48	1°26'17
	-11696 May 13 j 18:42	0° X		max. Earth dist.	-11695 Apr 29 j 19:14	18° \approx 56'33	1.37724 AU
max. Earth dist.	-11696 May 17 j 18:57	7° X 09'26	1.39573 AU	evening rise	-11695 May 03 j 19:23	26° \approx 10'54	
evening rise	-11696 May 22 j 04:21	14° X 42'36			-11695 May 05 j 23:45	0° X	
	-11696 May 31 j 14:50	0° Y			-11695 May 25 j 03:01	0° Y	
desc. node	-11696 Jun 12 j 14:04	17° Y 40'56		desc. node	-11695 May 30 j 11:31	7° Y 14'44	
	-11696 Jun 22 j 01:56	0° Z		evening max el	-11695 Jun 08 j 15:22	17° Y 54'43	25°02'13
evening max el	-11696 Jun 26 j 05:42	4° Z 33'42	23°42'01	retrograde	-11695 Jun 20 j 08:42	24° Y 48'41	
retrograde	-11696 Jul 06 j 20:24	10° Z 51'44		evening set	-11695 Jun 26 j 04:23	22° Y 16'12	
evening set	-11696 Jul 12 j 01:31	8° Z 37'15		min. Earth dist.	-11695 Jun 30 j 15:16	17° Y 08'07	0.66838 AU
inferior conj	-11696 Jul 17 j 06:48	2° Z 21'46	-1°39'32	inferior conj	-11695 Jul 01 j 11:39	16° Y 00'18	-2°19'01
minimum elong	-11696 Jul 17 j 08:40	2° Z 15'23	1°38'35	minimum elong	-11695 Jul 01 j 13:57	15° Y 52'40	2°18'14
min. Earth dist.	-11696 Jul 16 j 22:07	2° Z 51'34	0.67191 AU	morning rise	-11695 Jul 06 j 23:29	9° Y 56'59	
	-11696 Jul 19 j 00:59	30° R Y		asc. node	-11695 Jul 09 j 16:42	8° Y 44'48	
morning rise	-11696 Jul 22 j 15:46	26° Y 09'21		direct	-11695 Jul 10 j 14:56	8° Y 39'56	
asc. node	-11696 Jul 22 j 19:53	26° Y 01'34		morning max el	-11695 Jul 18 j 06:53	13° Y 09'08	20°03'23
direct	-11696 Jul 26 j 17:26	24° Y 35'55			-11695 Jul 30 j 22:03	0° Z	
morning max el	-11696 Aug 04 j 07:37	29° Y 43'25	21°12'54	morning set	-11695 Aug 13 j 12:12	20° Z 49'34	
	-11696 Aug 04 j 13:59	0° Z			-11695 Aug 19 j 08:55	0° Z	
	-11696 Aug 26 j 09:08	0° Z		max. Earth dist.	-11695 Aug 25 j 07:02	9° Z 23'07	1.43897 AU
morning set	-11696 Sep 03 j 09:23	12° Z 21'17		desc. node	-11695 Aug 26 j 08:31	11° Z 05'06	
desc. node	-11696 Sep 08 j 11:20	20° Z 24'38		superior conj	-11695 Aug 29 j 21:29	16° Z 47'47	-0°21'11
max. Earth dist.	-11696 Sep 11 j 19:28	25° Z 48'46	1.42633 AU	minimum elong	-11695 Aug 29 j 19:17	16° Z 38'53	0°20'16
	-11696 Sep 14 j 08:35	0° Z			-11695 Sep 06 j 21:34	0° Z	
superior conj	-11696 Sep 18 j 14:39	7° Z 07'51	-0°58'27	evening rise	-11695 Sep 12 j 10:38	9° Z 23'04	
minimum elong	-11696 Sep 18 j 10:22	6° Z 49'39	0°57'19		-11695 Sep 24 j 21:48	0° Z	
evening rise	-11696 Sep 30 j 04:49	27° Z 26'37		evening max el	-11695 Sep 30 j 10:08	7° Z 04'25	18°15'40
	-11696 Oct 01 j 15:04	0° Z		asc. node	-11695 Oct 05 j 16:40	10° Z 29'52	
evening max el	-11696 Oct 16 j 20:30	23° Z 41'44	18°07'04	retrograde	-11695 Oct 07 j 00:45	10° Z 39'14	
asc. node	-11696 Oct 18 j 19:28	25° Z 24'41		evening set	-11695 Oct 09 j 17:48	10° Z 01'01	
retrograde	-11696 Oct 23 j 15:26	27° Z 14'29		inferior conj	-11695 Oct 16 j 02:17	4° Z 35'18	2°56'29
evening set	-11696 Oct 26 j 04:40	26° Z 44'21		minimum elong	-11695 Oct 15 j 22:37	4° Z 45'15	2°56'01
inferior conj	-11696 Nov 01 j 23:46	21° Z 37'09	3°38'44	min. Earth dist.	-11695 Oct 18 j 09:28	2° Z 05'33	0.63493 AU
minimum elong	-11696 Nov 01 j 20:04	21° Z 46'11	3°38'26		-11695 Oct 20 j 11:44	30° R Z	
min. Earth dist.	-11696 Nov 04 j 19:13	18° Z 53'45	0.61855 AU	morning rise	-11695 Oct 22 j 02:37	28° Z 37'02	
morning rise	-11696 Nov 08 j 10:17	15° Z 53'10		direct	-11695 Oct 29 j 02:04	25° Z 54'42	
direct	-11696 Nov 15 j 11:33	13° Z 25'00			-11695 Nov 07 j 17:20	0° Z	
morning max el	-11696 Nov 29 j 08:14	20° Z 54'27	27°30'50	morning max el	-11695 Nov 11 j 15:56	3° Z 27'22	27°29'46
desc. node	-11696 Dec 05 j 12:01	27° Z 40'15		desc. node	-11695 Nov 22 j 08:42	16° Z 04'10	
	-11696 Dec 07 j 08:34	0° Z			-11695 Dec 01 j 17:49	0° Z	
	-11696 Dec 26 j 06:01	0° Z		morning set	-11695 Dec 16 j 00:22	25° Z 42'26	
morning set	-11695 Jan 01 j 01:17	11° Z 23'01			-11695 Dec 18 j 03:26	0° Z	
max. Earth dist.	-11695 Jan 07 j 01:15	24° Z 02'31	1.32992 AU	max. Earth dist.	-11695 Dec 21 j 07:01	6° Z 32'23	1.33582 AU
superior conj	-11695 Jan 08 j 07:49	26° Z 48'04	-0°57'02	superior conj	-11695 Dec 23 j 16:40	11° Z 38'39	-1°14'19
minimum elong	-11695 Jan 08 j 09:45	26° Z 58'35	0°56'59	minimum elong	-11695 Dec 23 j 18:46	11° Z 49'54	1°14'09
	-11695 Jan 09 j 19:07	0° Z		evening rise	-11695 Dec 30 j 19:52	26° Z 53'32	
asc. node	-11695 Jan 14 j 17:07	10° Z 35'37			-11694 Jan 01 j 07:46	0° Z	
evening rise	-11695 Jan 15 j 08:36	11° Z 57'15		asc. node	-11694 Jan 01 j 14:27	0° Z 34'19	
	-11695 Jan 24 j 15:48	0° Z			-11694 Jan 19 j 15:57	0° Z	
evening max el	-11695 Feb 10 j 01:40	22° Z 23'19	24°40'22	evening max el	-11694 Jan 22 j 19:07	3° Z 15'00	23°07'13

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

retrograde	-11694 Feb 04 j 23:36	9°♄38'19			-11694 Dec 24 j 20:14	0°♄	
evening set	-11694 Feb 08 j 13:49	9°♄10'09		evening max el	-11693 Jan 04 j 16:37	14°♄17'17	21°35'33
min. Earth dist.	-11694 Feb 16 j 07:18	5°♄38'20	0.55775 AU	retrograde	-11693 Jan 16 j 14:49	19°♄55'37	
inferior conj	-11694 Feb 17 j 15:47	4°♄50'32	0°11'51	evening set	-11693 Jan 19 j 13:16	19°♄36'13	
minimum elong	-11694 Feb 17 j 16:15	4°♄49'50	0°11'08	inferior conj	-11693 Jan 28 j 13:58	15°♄34'55	1°56'21
transit middle	-11694 Feb 17 j 16:15	4°♄49'50	0°11'08	minimum elong	-11693 Jan 28 j 18:38	15°♄28'17	1°54'31
transit begin	-11694 Feb 17 j 13:23	4°♄54'04		min. Earth dist.	-11693 Jan 28 j 21:31	15°♄24'10	0.55454 AU
transit end	-11694 Feb 17 j 19:08	4°♄45'36		desc. node	-11693 Feb 05 j 07:05	11°♄52'12	
desc. node	-11694 Feb 18 j 10:15	4°♄23'25		morning rise	-11693 Feb 06 j 23:44	11°♄26'04	
morning rise	-11694 Feb 26 j 20:28	0°♄47'08		direct	-11693 Feb 09 j 17:29	11°♄09'18	
direct	-11694 Mar 01 j 01:56	0°♄35'00		morning max el	-11693 Feb 22 j 04:43	17°♄11'02	21°51'39
morning max el	-11694 Mar 12 j 00:14	5°♄46'28	20°28'06		-11693 Mar 04 j 03:48	0°♄	
	-11694 Mar 27 j 21:25	0°♄		morning set	-11693 Mar 14 j 23:51	20°♄16'58	
morning set	-11694 Mar 30 j 14:31	5°♄26'15		asc. node	-11693 Mar 17 j 09:56	25°♄20'14	
asc. node	-11694 Mar 30 j 12:52	5°♄17'50			-11693 Mar 19 j 15:02	0°♄	
superior conj	-11694 Apr 07 j 09:10	21°♄22'13	1°07'29	superior conj	-11693 Mar 22 j 08:41	5°♄44'44	0°45'12
minimum elong	-11694 Apr 07 j 06:27	21°♄08'26	1°06'28	minimum elong	-11693 Mar 22 j 06:46	5°♄34'45	0°44'12
	-11694 Apr 11 j 17:18	0°♄		max. Earth dist.	-11693 Mar 25 j 17:31	12°♄41'40	1.34749 AU
max. Earth dist.	-11694 Apr 12 j 01:24	0°♄39'26	1.36080 AU	evening rise	-11693 Mar 30 j 13:44	22°♄17'30	
evening rise	-11694 Apr 16 j 08:24	8°♄48'01			-11693 Apr 03 j 16:18	0°♄	
	-11694 Apr 28 j 15:45	0°♄			-11693 Apr 22 j 08:55	0°♄	
desc. node	-11694 May 17 j 08:57	26°♄12'27		desc. node	-11693 May 04 j 06:19	14°♄19'34	
	-11694 May 20 j 19:08	0°♄		evening max el	-11693 May 04 j 12:25	14°♄34'37	27°02'00
evening max el	-11694 May 22 j 01:28	1°♄17'05	26°11'44	retrograde	-11693 May 17 j 18:49	22°♄05'09	
retrograde	-11694 Jun 03 j 16:21	8°♄35'09		evening set	-11693 May 24 j 13:41	19°♄18'38	
evening set	-11694 Jun 10 j 01:17	5°♄50'53		min. Earth dist.	-11693 May 28 j 09:22	15°♄27'58	0.65030 AU
min. Earth dist.	-11694 Jun 14 j 03:45	1°♄22'06	0.66128 AU	inferior conj	-11693 May 30 j 09:05	13°♄08'45	-3°15'34
	-11694 Jun 15 j 05:49	30°♄		minimum elong	-11693 May 30 j 10:53	13°♄03'31	3°15'33
inferior conj	-11694 Jun 15 j 13:08	29°♄36'50	-2°51'41	morning rise	-11693 Jun 05 j 08:26	7°♄32'43	
minimum elong	-11694 Jun 15 j 15:27	29°♄29'33	2°51'14	direct	-11693 Jun 08 j 09:02	6°♄42'26	
morning rise	-11694 Jun 21 j 05:42	23°♄45'44		asc. node	-11693 Jun 13 j 10:19	8°♄53'57	
direct	-11694 Jun 24 j 12:52	22°♄43'02		morning max el	-11693 Jun 14 j 22:56	10°♄18'11	18°28'21
asc. node	-11694 Jun 26 j 13:31	23°♄05'38			-11693 Jun 28 j 14:13	0°♄	
morning max el	-11694 Jul 01 j 12:23	26°♄40'55	19°07'44	morning set	-11693 Jul 04 j 12:47	9°♄47'38	
	-11694 Jul 04 j 09:38	0°♄			-11693 Jul 16 j 23:05	0°♄	
morning set	-11694 Jul 24 j 00:58	29°♄46'22		superior conj	-11693 Jul 19 j 04:51	3°♄34'38	1°06'21
	-11694 Jul 24 j 04:24	0°♄		minimum elong	-11693 Jul 19 j 11:22	4°♄00'37	1°06'03
max. Earth dist.	-11694 Aug 07 j 22:46	23°♄22'12	1.44534 AU	max. Earth dist.	-11693 Jul 21 j 15:48	7°♄28'53	1.44467 AU
superior conj	-11694 Aug 09 j 04:25	25°♄19'41	0°24'01	desc. node	-11693 Jul 31 j 03:06	22°♄25'34	
minimum elong	-11694 Aug 09 j 07:22	25°♄31'21	0°24'10	evening rise	-11693 Aug 04 j 19:21	29°♄46'28	
	-11694 Aug 12 j 03:03	0°♄			-11693 Aug 04 j 22:47	0°♄	
desc. node	-11694 Aug 13 j 05:47	1°♄46'20		greatest brilliancy	-11693 Aug 14 j 10:39	14°♄49'51	-0.8m
evening rise	-11694 Aug 24 j 16:37	20°♄12'20			-11693 Aug 24 j 21:20	0°♄	
	-11694 Aug 30 j 17:07	0°♄		evening max el	-11693 Aug 28 j 08:44	4°♄02'48	19°25'13
evening max el	-11694 Sep 13 j 23:08	20°♄32'59	18°42'06	retrograde	-11693 Sep 04 j 12:21	8°♄08'36	
retrograde	-11694 Sep 20 j 16:43	24°♄18'47		evening set	-11693 Sep 07 j 19:50	7°♄05'02	
asc. node	-11694 Sep 22 j 13:50	23°♄58'54		asc. node	-11693 Sep 09 j 10:55	5°♄48'37	
evening set	-11694 Sep 23 j 15:53	23°♄29'30		inferior conj	-11693 Sep 13 j 11:45	1°♄10'56	1°15'33
inferior conj	-11694 Sep 29 j 15:13	17°♄48'01	2°07'28	minimum elong	-11693 Sep 13 j 10:02	1°♄16'27	1°15'34
minimum elong	-11694 Sep 29 j 12:21	17°♄56'33	2°07'07		-11693 Sep 14 j 09:55	30°♄	
min. Earth dist.	-11694 Oct 01 j 09:25	15°♄42'28	0.64846 AU	min. Earth dist.	-11693 Sep 14 j 17:43	29°♄35'11	0.65889 AU
morning rise	-11694 Oct 05 j 08:18	11°♄38'45		morning rise	-11693 Sep 18 j 23:54	24°♄54'04	
direct	-11694 Oct 11 j 22:57	8°♄55'22		direct	-11693 Sep 25 j 01:47	22°♄19'27	
morning max el	-11694 Oct 25 j 01:49	16°♄24'40	26°57'05	morning max el	-11693 Oct 07 j 12:03	29°♄35'44	25°59'03
	-11694 Nov 05 j 12:02	0°♄			-11693 Oct 07 j 21:43	0°♄	
desc. node	-11694 Nov 09 j 05:25	5°♄13'50		desc. node	-11693 Oct 27 j 02:11	24°♄55'56	
	-11694 Nov 24 j 11:36	0°♄			-11693 Oct 30 j 08:56	0°♄	
morning set	-11694 Nov 29 j 13:37	9°♄27'54		morning set	-11693 Nov 12 j 12:55	22°♄27'05	
max. Earth dist.	-11694 Dec 04 j 03:51	18°♄32'20	1.34583 AU	max. Earth dist.	-11693 Nov 16 j 14:04	0°♄04'38	1.36008 AU
					-11693 Nov 16 j 13:06	0°♄	
superior conj	-11694 Dec 07 j 21:05	26°♄11'55	-1°27'54	superior conj	-11693 Nov 21 j 18:30	10°♄19'32	-1°36'33
minimum elong	-11694 Dec 07 j 22:54	26°♄21'25	1°27'41	minimum elong	-11693 Nov 21 j 19:29	10°♄24'29	1°36'15
	-11694 Dec 09 j 16:33	0°♄		evening rise	-11693 Nov 29 j 13:10	26°♄16'15	
evening rise	-11694 Dec 15 j 05:59	11°♄41'53			-11693 Dec 01 j 09:23	0°♄	
asc. node	-11694 Dec 19 j 11:49	20°♄16'07					

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

asc. node	-11693 Dec 06 j 09:11	9°♄34'01		evening rise	-11692 Nov 12 j 15:22	10°♎30'46	
evening max el	-11693 Dec 17 j 22:30	25°♄47'13	20°15'50	asc. node	-11692 Nov 22 j 06:31	28°♎19'38	
	-11693 Dec 24 j 11:12	0°♎			-11692 Nov 23 j 08:06	0°♄	
retrograde	-11693 Dec 28 j 07:29	0°♎39'35		evening max el	-11692 Nov 29 j 14:42	7°♄51'50	19°14'04
evening set	-11693 Dec 30 j 22:34	0°♎22'10		retrograde	-11692 Dec 08 j 12:27	12°♄06'09	
	-11692 Jan 01 j 07:39	30°♎		evening set	-11692 Dec 11 j 00:43	11°♄47'25	
inferior conj	-11692 Jan 08 j 14:04	26°♄21'19	3°20'53	inferior conj	-11692 Dec 19 j 03:50	7°♄33'44	4°07'21
minimum elong	-11692 Jan 08 j 19:38	26°♄12'52	3°19'27	minimum elong	-11692 Dec 19 j 06:32	7°♄29'06	4°07'03
min. Earth dist.	-11692 Jan 10 j 10:45	25°♄13'54	0.55994 AU	min. Earth dist.	-11692 Dec 22 j 00:42	5°♄36'48	0.57256 AU
morning rise	-11692 Jan 17 j 15:01	21°♄52'54		morning rise	-11692 Dec 27 j 10:13	2°♄40'33	
direct	-11692 Jan 21 j 10:47	21°♄20'40		direct	-11691 Jan 01 j 14:33	1°♄38'20	
desc. node	-11692 Jan 23 j 03:51	21°♄27'19		desc. node	-11691 Jan 09 j 00:34	3°♄44'26	
morning max el	-11692 Feb 03 j 23:36	28°♄02'46	23°26'51	morning max el	-11691 Jan 15 j 14:26	8°♄44'51	25°02'02
	-11692 Feb 05 j 21:53	0°♎			-11691 Jan 31 j 09:09	0°♎	
	-11692 Feb 24 j 21:48	0°♌		morning set	-11691 Feb 11 j 00:11	20°♎23'48	
morning set	-11692 Feb 27 j 11:41	5°♌18'21			-11691 Feb 15 j 11:49	0°♌	
asc. node	-11692 Mar 03 j 07:02	15°♌32'09					
				superior conj	-11691 Feb 17 j 23:44	5°♌25'14	-0°01'47
superior conj	-11692 Mar 05 j 14:16	20°♌28'11	0°21'45	minimum elong	-11691 Feb 17 j 23:50	5°♌25'47	0°02'22
minimum elong	-11692 Mar 05 j 13:21	20°♌23'19	0°20'55	behind sun begin	-11691 Feb 17 j 18:49	4°♌58'34	
max. Earth dist.	-11692 Mar 07 j 19:14	25°♌09'28	1.33765 AU	behind sun end	-11691 Feb 18 j 04:51	5°♌53'00	
	-11692 Mar 10 j 02:55	0°♊		asc. node	-11691 Feb 18 j 04:13	5°♌49'33	
evening rise	-11692 Mar 13 j 06:38	6°♊23'52		max. Earth dist.	-11691 Feb 19 j 04:10	7°♌59'07	1.33127 AU
	-11692 Mar 26 j 06:56	0°♊		evening rise	-11691 Feb 25 j 07:38	20°♌56'07	
evening max el	-11692 Apr 15 j 22:39	27°♊35'03	27°25'54		-11691 Mar 01 j 21:52	0°♊	
	-11692 Apr 18 j 14:23	0°♋			-11691 Mar 20 j 11:11	0°♊	
desc. node	-11692 Apr 20 j 03:37	1°♋14'25		evening max el	-11691 Mar 29 j 06:10	10°♊07'37	27°18'26
retrograde	-11692 Apr 29 j 15:35	5°♋09'40		desc. node	-11691 Apr 07 j 00:50	16°♊28'31	
evening set	-11692 May 06 j 14:32	2°♋33'19		retrograde	-11691 Apr 12 j 05:53	17°♊39'56	
	-11692 May 09 j 12:32	30°♋		evening set	-11691 Apr 19 j 00:29	15°♊27'07	
min. Earth dist.	-11692 May 10 j 06:28	29°♋14'57	0.63536 AU	min. Earth dist.	-11691 Apr 22 j 18:35	12°♋29'56	0.61716 AU
inferior conj	-11692 May 12 j 20:48	26°♋30'25	-3°27'55	inferior conj	-11691 Apr 25 j 21:10	9°♋35'26	-3°24'37
minimum elong	-11692 May 12 j 21:28	26°♋28'40	3°28'16	minimum elong	-11691 Apr 25 j 20:07	9°♋37'53	3°25'06
morning rise	-11692 May 19 j 05:19	21°♋11'45		morning rise	-11691 May 02 j 17:30	4°♋35'48	
direct	-11692 May 22 j 00:35	20°♋32'15		direct	-11691 May 05 j 08:15	4°♋05'34	
morning max el	-11692 May 28 j 12:21	23°♋56'12	18°06'30	morning max el	-11691 May 12 j 02:08	7°♋29'02	18°02'57
asc. node	-11692 May 30 j 07:06	25°♋53'11		asc. node	-11691 May 17 j 03:52	13°♋48'11	
	-11692 Jun 02 j 09:29	0°♋			-11691 May 26 j 17:35	0°♋	
morning set	-11692 Jun 15 j 01:42	20°♋58'51		morning set	-11691 May 28 j 12:17	3°♋12'44	
	-11692 Jun 20 j 07:52	0°♌					
				superior conj	-11691 Jun 08 j 14:45	22°♋54'42	1°48'21
superior conj	-11692 Jun 27 j 20:39	12°♌35'47	1°35'31	minimum elong	-11691 Jun 08 j 16:09	23°♋00'40	1°48'11
minimum elong	-11692 Jun 28 j 01:45	12°♌56'45	1°35'18		-11691 Jun 12 j 18:53	0°♌	
max. Earth dist.	-11692 Jul 03 j 06:15	21°♌22'11	1.43709 AU	max. Earth dist.	-11691 Jun 15 j 15:31	4°♌45'08	1.42374 AU
	-11692 Jul 08 j 16:25	0°♍		evening rise	-11691 Jun 23 j 01:57	16°♌44'22	
evening rise	-11692 Jul 14 j 00:06	8°♍19'23			-11691 Jul 01 j 15:45	0°♍	
desc. node	-11692 Jul 17 j 00:30	12°♍59'24		desc. node	-11691 Jul 03 j 21:56	3°♍23'54	
	-11692 Jul 28 j 06:15	0°♍			-11691 Jul 23 j 12:58	0°♍	
evening max el	-11692 Aug 10 j 12:38	17°♍30'20	20°23'36	evening max el	-11691 Jul 24 j 09:38	0°♍53'56	21°34'47
retrograde	-11692 Aug 18 j 09:09	22°♍05'27		retrograde	-11691 Aug 02 j 05:09	6°♍06'13	
evening set	-11692 Aug 22 j 03:08	20°♍44'26		evening set	-11691 Aug 06 j 11:38	4°♍25'14	
asc. node	-11692 Aug 26 j 07:55	16°♍18'58			-11691 Aug 10 j 11:38	30°♍	
inferior conj	-11692 Aug 27 j 13:31	14°♍40'53	0°23'25	inferior conj	-11691 Aug 11 j 18:26	28°♍15'10	-0°27'02
minimum elong	-11692 Aug 27 j 12:59	14°♍42'41	0°23'51	minimum elong	-11691 Aug 11 j 18:59	28°♍13'14	0°26'16
min. Earth dist.	-11692 Aug 28 j 08:18	13°♍37'51	0.66629 AU	min. Earth dist.	-11691 Aug 12 j 02:41	27°♍46'45	0.67083 AU
morning rise	-11692 Sep 01 j 22:37	8°♍20'17		asc. node	-11691 Aug 13 j 04:49	26°♍17'47	
direct	-11692 Sep 07 j 10:13	6°♍00'21		morning rise	-11691 Aug 17 j 02:12	21°♍54'45	
morning max el	-11692 Sep 18 j 21:54	12°♍51'21	24°43'57	direct	-11691 Aug 21 j 23:42	19°♍52'30	
	-11692 Oct 02 j 19:15	0°♎		morning max el	-11691 Sep 01 j 08:21	26°♍06'38	23°20'36
desc. node	-11692 Oct 12 j 23:01	15°♎01'08			-11691 Sep 04 j 21:11	0°♎	
	-11692 Oct 22 j 03:34	0°♏			-11691 Sep 26 j 09:37	0°♎	
morning set	-11692 Oct 24 j 17:13	4°♏26'23		desc. node	-11691 Sep 29 j 19:54	5°♎21'55	
max. Earth dist.	-11692 Oct 28 j 15:25	11°♏27'08	1.37792 AU	morning set	-11691 Oct 05 j 21:09	15°♎11'37	
				max. Earth dist.	-11691 Oct 10 j 13:43	23°♎09'12	1.39773 AU
					-11691 Oct 14 j 11:02	0°♏	
superior conj	-11692 Nov 04 j 05:40	23°♏51'55	-1°38'35				
minimum elong	-11692 Nov 04 j 05:12	23°♏49'38	1°38'10				
	-11692 Nov 07 j 08:45	0°♐		superior conj	-11691 Oct 18 j 02:11	6°♏36'10	-1°31'58

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

minimum elong	-11691 Oct 17 j 23:48	6°Ω25'13	1°31'16		-11690 Oct 24 j 01:44	0°ྐ	
evening rise	-11691 Oct 27 j 10:01	24°Ω17'52		evening max el	-11690 Oct 27 j 00:50	3°ྐ26'33	18°10'37
	-11691 Oct 30 j 09:46	0°ྐ		asc. node	-11690 Oct 27 j 01:05	3°ྐ27'10	
asc. node	-11691 Nov 09 j 03:50	16°ྐ21'38		retrograde	-11690 Nov 03 j 01:33	7°ྐ01'43	
evening max el	-11691 Nov 12 j 16:16	20°ྐ27'11	18°32'18	evening set	-11690 Nov 05 j 13:46	6°ྐ34'57	
retrograde	-11691 Nov 20 j 10:38	24°ྐ15'42		inferior conj	-11690 Nov 12 j 15:32	1°ྐ39'30	3°57'46
evening set	-11691 Nov 22 j 22:10	23°ྐ53'43		minimum elong	-11690 Nov 12 j 12:22	1°ྐ46'39	3°57'39
inferior conj	-11691 Nov 30 j 12:22	19°ྐ20'09	4°16'19		-11690 Nov 14 j 11:21	30°ꣳ	
minimum elong	-11691 Nov 30 j 11:27	19°ྐ21'57	4°16'27	min. Earth dist.	-11690 Nov 15 j 16:33	28°Ω55'24	0.60832 AU
min. Earth dist.	-11691 Dec 03 j 17:32	16°ྐ49'22	0.58971 AU	morning rise	-11690 Nov 19 j 09:38	26°Ω05'30	
morning rise	-11691 Dec 07 j 22:54	14°ྐ04'59		direct	-11690 Nov 26 j 07:55	23°Ω51'41	
direct	-11691 Dec 14 j 06:16	12°ྐ24'44			-11690 Dec 08 j 21:28	0°ྐ	
desc. node	-11691 Dec 26 j 21:13	18°ྐ24'15		morning max el	-11690 Dec 10 j 06:34	1°ྐ16'43	27°15'39
morning max el	-11691 Dec 28 j 07:29	19°ྐ43'06	26°22'35	desc. node	-11690 Dec 13 j 17:51	4°ྐ53'43	
	-11690 Jan 06 j 03:18	0°Ω			-11690 Dec 31 j 04:19	0°Ω	
	-11690 Jan 23 j 20:07	0°ꣳ		morning set	-11689 Jan 10 j 20:01	20°Ω17'54	
morning set	-11690 Jan 26 j 11:35	5°ꣳ25'59			-11689 Jan 15 j 09:56	0°ꣳ	
superior conj	-11690 Feb 02 j 11:12	20°ꣳ28'33	-0°24'32	superior conj	-11689 Jan 17 j 22:59	5°ꣳ31'43	-0°45'47
minimum elong	-11690 Feb 02 j 12:11	20°ꣳ33'58	0°24'50	minimum elong	-11689 Jan 18 j 00:39	5°ꣳ40'52	0°45'50
max. Earth dist.	-11690 Feb 02 j 17:00	21°ꣳ00'13	1.32814 AU	max. Earth dist.	-11689 Jan 17 j 06:08	3°ꣳ59'52	1.32830 AU
asc. node	-11690 Feb 05 j 01:24	26°ꣳ07'16		asc. node	-11689 Jan 22 j 22:41	16°ꣳ21'30	
	-11690 Feb 06 j 20:38	0°ꣳ		evening rise	-11689 Jan 24 j 23:42	20°ꣳ41'12	
evening rise	-11690 Feb 09 j 14:01	5°ꣳ44'30			-11689 Jan 29 j 14:06	0°ꣳ	
	-11690 Feb 22 j 14:33	0°ꣳ			-11689 Feb 17 j 23:08	0°ꣳ	
evening max el	-11690 Mar 11 j 09:03	22°ꣳ04'51	26°38'23	evening max el	-11689 Feb 21 j 06:22	3°ꣳ25'37	25°29'28
desc. node	-11690 Mar 24 j 21:57	29°ꣳ28'18		retrograde	-11689 Mar 07 j 07:40	10°ꣳ35'15	
retrograde	-11690 Mar 25 j 12:02	29°ꣳ29'11		desc. node	-11689 Mar 11 j 18:59	9°ꣳ47'46	
evening set	-11690 Mar 31 j 16:33	27°ꣳ49'39		evening set	-11689 Mar 12 j 13:37	9°ꣳ30'11	
min. Earth dist.	-11690 Apr 04 j 22:28	24°ꣳ59'24	0.59731 AU	min. Earth dist.	-11689 Mar 17 j 19:46	6°ꣳ33'19	0.57834 AU
inferior conj	-11690 Apr 08 j 06:38	22°ꣳ16'04	-3°00'05	inferior conj	-11689 Mar 20 j 21:44	4°ꣳ23'04	-2°08'07
minimum elong	-11690 Apr 08 j 03:46	22°ꣳ21'56	3°00'17	minimum elong	-11689 Mar 20 j 18:07	4°ꣳ29'30	2°07'54
morning rise	-11690 Apr 15 j 17:38	17°ꣳ36'07		morning rise	-11689 Mar 29 j 01:47	0°ꣳ02'11	
direct	-11690 Apr 18 j 04:08	17°ꣳ13'45			-11689 Mar 29 j 05:39	30°ꣳꣳ	
morning max el	-11690 Apr 25 j 13:33	20°ꣳ49'18	18°18'21	direct	-11689 Mar 31 j 08:18	29°ꣳ45'57	
	-11690 May 02 j 13:12	0°≈			-11689 Apr 02 j 09:48	0°ꣳ	
asc. node	-11690 May 04 j 00:42	2°≈26'31		morning max el	-11689 Apr 08 j 19:37	3°ꣳ47'37	18°53'17
morning set	-11690 May 11 j 15:46	16°≈18'42		asc. node	-11689 Apr 20 j 21:36	21°ꣳ37'45	
	-11690 May 18 j 23:15	0°ꣳ		morning set	-11689 Apr 25 j 07:45	0°≈05'29	
					-11689 Apr 25 j 06:38	0°≈	
superior conj	-11690 May 21 j 10:35	4°ꣳ30'58	1°47'19	superior conj	-11689 May 04 j 03:01	17°≈11'03	1°36'27
minimum elong	-11690 May 21 j 09:04	4°ꣳ24'07	1°46'57	minimum elong	-11689 May 04 j 00:10	16°≈57'29	1°35'45
max. Earth dist.	-11690 May 28 j 19:18	17°ꣳ28'37	1.40652 AU	max. Earth dist.	-11689 May 10 j 19:53	29°≈33'40	1.38778 AU
evening rise	-11690 Jun 02 j 22:33	26°ꣳ04'42			-11689 May 11 j 01:46	0°ꣳ	
	-11690 Jun 05 j 08:25	0°ྐ		evening rise	-11689 May 14 j 22:31	6°ꣳ46'41	
desc. node	-11690 Jun 20 j 19:24	23°ྐ34'19			-11689 May 29 j 08:33	0°ྐ	
	-11690 Jun 25 j 09:14	0°ꣳ		desc. node	-11689 Jun 07 j 16:53	13°ྐ23'47	
evening max el	-11690 Jul 07 j 00:22	14°ꣳ14'55	22°54'38	evening max el	-11689 Jun 19 j 11:04	27°ྐ35'13	24°16'52
retrograde	-11690 Jul 16 j 22:52	20°ꣳ08'43			-11689 Jun 22 j 01:06	0°ꣳ	
evening set	-11690 Jul 21 j 19:28	18°ꣳ06'25		retrograde	-11689 Jun 30 j 13:15	4°ꣳ08'53	
inferior conj	-11690 Jul 27 j 00:42	11°ꣳ52'28	-1°14'17	evening set	-11689 Jul 06 j 00:43	1°ꣳ46'15	
minimum elong	-11690 Jul 27 j 02:10	11°ꣳ47'24	1°13'20		-11689 Jul 07 j 18:41	30°ꣳྐ	
min. Earth dist.	-11690 Jul 26 j 22:25	12°ꣳ00'24	0.67245 AU	min. Earth dist.	-11689 Jul 10 j 17:05	26°ྐ16'24	0.67091 AU
asc. node	-11690 Jul 31 j 01:40	6°ꣳ47'29		inferior conj	-11689 Jul 11 j 06:35	25°ྐ30'35	-1°57'00
morning rise	-11690 Aug 01 j 08:46	5°ꣳ36'06		minimum elong	-11689 Jul 11 j 08:40	25°ྐ23'30	1°56'06
direct	-11690 Aug 05 j 17:18	3°ꣳ52'12		morning rise	-11689 Jul 16 j 16:34	19°ྐ21'47	
morning max el	-11690 Aug 14 j 22:06	9°ꣳ23'35	21°57'38	asc. node	-11689 Jul 17 j 22:29	18°ྐ34'56	
	-11690 Aug 30 j 17:59	0°ꣳ		direct	-11689 Jul 20 j 13:45	17°ྐ55'27	
morning set	-11690 Sep 15 j 22:41	24°ꣳ40'50		morning max el	-11689 Jul 28 j 17:36	22°ྐ45'20	20°41'47
desc. node	-11690 Sep 16 j 16:55	25°ꣳ53'38			-11689 Aug 03 j 18:15	0°ꣳ	
	-11690 Sep 19 j 06:00	0°ꣳ			-11689 Aug 24 j 02:03	0°ꣳ	
max. Earth dist.	-11690 Sep 22 j 15:55	5°ꣳ36'35	1.41687 AU	morning set	-11689 Aug 26 j 04:55	3°ꣳ17'20	
superior conj	-11690 Sep 30 j 02:41	18°ꣳ18'39	-1°14'20	desc. node	-11689 Sep 03 j 14:03	16°ꣳ31'47	
minimum elong	-11690 Sep 29 j 22:39	18°ꣳ01'00	1°13'18	max. Earth dist.	-11689 Sep 05 j 00:48	18°ꣳ51'39	1.43249 AU
	-11690 Oct 06 j 15:39	0°Ω					
evening rise	-11690 Oct 10 j 17:56	7°Ω30'32		superior conj	-11689 Sep 11 j 01:32	28°ꣳ44'39	-0°44'01

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

minimum elong	-11689 Sep 10 j 21:40	28° Π 28'37	0°42'55	behind sun end	-11688 Aug 21 j 07:40	8° Π 34'34	
	-11689 Sep 11 j 19:37	0° \ominus			-11688 Sep 03 j 09:58	0° \ominus	
evening rise	-11689 Sep 23 j 10:46	19° \ominus 58'33		evening rise	-11688 Sep 04 j 07:10	1° \ominus 28'25	
	-11689 Sep 29 j 04:32	0° Ω		evening max el	-11688 Sep 23 j 03:05	0° Ω 07'50	18°24'45
evening max el	-11689 Oct 10 j 13:26	16° Ω 42'24	18°08'26		-11688 Sep 23 j 00:02	0° Ω	
asc. node	-11689 Oct 13 j 22:17	19° Ω 20'56		retrograde	-11688 Sep 29 j 18:13	3° Ω 46'39	
retrograde	-11689 Oct 17 j 05:30	20° Ω 14'55		asc. node	-11688 Sep 29 j 19:28	3° Ω 46'38	
evening set	-11689 Oct 19 j 20:10	19° Ω 41'33		evening set	-11688 Oct 02 j 13:31	3° Ω 04'10	
inferior conj	-11689 Oct 26 j 10:32	14° Ω 25'47	3°21'56		-11688 Oct 06 j 11:16	30° \Re \ominus	
minimum elong	-11689 Oct 26 j 06:43	14° Ω 35'33	3°21'31	inferior conj	-11688 Oct 08 j 17:53	27° \ominus 31'08	2°36'14
min. Earth dist.	-11689 Oct 29 j 00:51	11° Ω 46'54	0.62585 AU	minimum elong	-11688 Oct 08 j 14:30	27° \ominus 40'45	2°35'47
morning rise	-11689 Nov 01 j 16:18	8° Ω 35'27		min. Earth dist.	-11688 Oct 10 j 19:27	25° \ominus 10'45	0.64100 AU
direct	-11689 Nov 08 j 17:47	5° Ω 59'54		morning rise	-11688 Oct 14 j 14:47	21° \ominus 27'30	
morning max el	-11689 Nov 22 j 11:55	13° Ω 30'31	27°34'40	direct	-11688 Oct 21 j 10:56	18° \ominus 43'29	
desc. node	-11689 Nov 30 j 14:33	22° Ω 42'56		morning max el	-11688 Nov 03 j 21:07	26° \ominus 16'14	27°19'31
	-11689 Dec 05 j 22:12	0° \P			-11688 Nov 07 j 10:11	0° Ω	
	-11689 Dec 23 j 12:35	0° $\underline{\Omega}$		desc. node	-11688 Nov 16 j 11:15	11° Ω 28'14	
morning set	-11689 Dec 25 j 23:19	4° $\underline{\Omega}$ 52'13			-11688 Nov 28 j 09:57	0° \P	
max. Earth dist.	-11689 Dec 31 j 15:55	16° $\underline{\Omega}$ 45'32	1.33196 AU	morning set	-11688 Dec 08 j 18:39	18° \P 58'43	
				max. Earth dist.	-11688 Dec 13 j 18:22	29° \P 03'58	1.33952 AU
					-11688 Dec 14 j 05:09	0° $\underline{\Omega}$	
superior conj	-11688 Jan 02 j 09:26	20° $\underline{\Omega}$ 28'58	-1°04'45				
minimum elong	-11688 Jan 02 j 11:30	20° $\underline{\Omega}$ 40'05	1°04'39				
	-11688 Jan 06 j 19:02	0° \P		superior conj	-11688 Dec 16 j 16:38	5° $\underline{\Omega}$ 12'52	-1°20'37
evening rise	-11688 Jan 09 j 10:54	5° \P 39'50		minimum elong	-11688 Dec 16 j 18:41	5° $\underline{\Omega}$ 23'43	1°20'25
asc. node	-11688 Jan 09 j 20:01	6° \P 27'40		evening rise	-11688 Dec 23 j 21:52	20° $\underline{\Omega}$ 33'18	
	-11688 Jan 22 j 13:57	0° \Re		asc. node	-11688 Dec 26 j 17:22	26° $\underline{\Omega}$ 19'53	
evening max el	-11688 Feb 02 j 23:52	14° \Re 21'35	24°01'22		-11688 Dec 28 j 13:56	0° \P	
retrograde	-11688 Feb 16 j 15:21	21° \Re 06'15		evening max el	-11687 Jan 14 j 18:10	25° \P 14'13	22°27'18
evening set	-11688 Feb 20 j 19:12	20° \Re 27'50			-11687 Jan 21 j 13:42	0° \Re	
desc. node	-11688 Feb 26 j 15:55	17° \Re 43'55		retrograde	-11687 Jan 27 j 11:30	1° \Re 20'06	
min. Earth dist.	-11688 Feb 27 j 12:56	17° \Re 12'24	0.56334 AU	evening set	-11687 Jan 30 j 17:39	0° \Re 56'47	
inferior conj	-11688 Feb 29 j 17:06	15° \Re 51'37	-0°46'09		-11687 Feb 02 j 15:29	30° \Re \P	
minimum elong	-11688 Feb 29 j 15:17	15° \Re 54'27	0°46'12	min. Earth dist.	-11687 Feb 08 j 04:08	27° \P 09'42	0.55525 AU
morning rise	-11688 Mar 09 j 14:11	11° \Re 45'17		inferior conj	-11687 Feb 08 j 20:15	26° \P 46'32	0°56'51
direct	-11688 Mar 11 j 18:20	11° \Re 32'48		minimum elong	-11687 Feb 08 j 22:39	26° \P 43'04	0°55'33
morning max el	-11688 Mar 21 j 17:28	16° \Re 15'09	19°48'02	desc. node	-11687 Feb 12 j 12:49	24° \P 44'47	
	-11688 Mar 31 j 18:43	0° \Re		morning rise	-11687 Feb 18 j 04:41	22° \P 42'57	
asc. node	-11688 Apr 06 j 18:36	11° \Re 14'10		direct	-11687 Feb 20 j 13:21	22° \P 29'59	
morning set	-11688 Apr 08 j 08:39	14° \Re 23'47		morning max el	-11687 Mar 04 j 04:36	28° \P 03'14	21°01'50
					-11687 Mar 06 j 02:19	0° \Re	
superior conj	-11688 Apr 16 j 10:49	0° \approx 40'56	1°19'15	morning set	-11687 Mar 23 j 15:32	29° \Re 04'11	
minimum elong	-11688 Apr 16 j 07:49	0° \approx 26'06	1°18'18		-11687 Mar 24 j 02:24	0° \Re	
	-11688 Apr 16 j 02:33	0° \approx		asc. node	-11687 Mar 24 j 15:38	1° \Re 08'17	
max. Earth dist.	-11688 Apr 21 j 22:16	11° \approx 17'06	1.36991 AU				
evening rise	-11688 Apr 25 j 23:38	18° \approx 46'25		superior conj	-11687 Mar 31 j 05:32	14° \Re 46'52	0°58'16
	-11688 May 02 j 10:12	0° \Re		minimum elong	-11687 Mar 31 j 03:07	14° \Re 34'27	0°57'14
	-11688 May 22 j 10:52	0° \P		max. Earth dist.	-11687 Apr 04 j 08:02	23° \Re 04'19	1.35464 AU
desc. node	-11688 May 24 j 14:18	2° \P 43'46			-11687 Apr 07 j 21:32	0° \approx	
evening max el	-11688 May 31 j 20:38	10° \P 57'01	25°33'27	evening rise	-11687 Apr 08 j 20:12	1° \approx 47'24	
retrograde	-11688 Jun 12 j 23:36	18° \P 02'34			-11687 Apr 25 j 10:12	0° \Re	
evening set	-11688 Jun 19 j 01:21	15° \P 23'47		desc. node	-11687 May 11 j 11:41	21° \Re 22'05	
min. Earth dist.	-11688 Jun 23 j 08:25	10° \P 32'40	0.66591 AU	evening max el	-11687 May 14 j 06:56	24° \Re 17'41	26°35'53
inferior conj	-11688 Jun 24 j 10:15	9° \P 08'28	-2°33'49		-11687 May 21 j 11:33	0° \P	
minimum elong	-11688 Jun 24 j 12:36	9° \P 00'47	2°33'09	retrograde	-11687 May 27 j 05:20	1° \P 43'17	
morning rise	-11688 Jun 29 j 23:54	3° \P 10'16			-11687 Jun 01 j 09:55	30° \Re \Re	
direct	-11688 Jul 03 j 11:35	1° \P 59'41		evening set	-11687 Jun 02 j 19:02	28° \Re 56'25	
asc. node	-11688 Jul 03 j 19:20	2° \P 00'16		min. Earth dist.	-11687 Jun 06 j 18:14	24° \Re 44'20	0.65706 AU
morning max el	-11688 Jul 10 j 19:44	6° \P 14'16	19°37'50	inferior conj	-11687 Jun 08 j 09:41	22° \Re 43'36	-3°03'05
	-11688 Jul 27 j 18:59	0° \Re		minimum elong	-11687 Jun 08 j 11:51	22° \Re 36'59	3°02'48
morning set	-11688 Aug 04 j 09:43	11° \Re 51'56		morning rise	-11687 Jun 14 j 04:53	16° \Re 58'43	
	-11688 Aug 15 j 22:30	0° Π		direct	-11687 Jun 17 j 08:57	16° \Re 01'44	
max. Earth dist.	-11688 Aug 17 j 14:49	2° Π 39'56	1.44254 AU	asc. node	-11687 Jun 20 j 16:09	17° \Re 00'08	
desc. node	-11688 Aug 20 j 11:15	7° Π 12'47		morning max el	-11687 Jun 24 j 03:42	19° \Re 49'19	18°48'54
					-11687 Jul 01 j 22:20	0° \P	
superior conj	-11688 Aug 20 j 20:54	7° Π 51'25	-0°02'26	morning set	-11687 Jul 15 j 07:26	21° \P 14'01	
minimum elong	-11688 Aug 20 j 20:42	7° Π 50'35	0°01'49		-11687 Jul 20 j 18:30	0° \Re	
behind sun begin	-11688 Aug 20 j 09:43	7° Π 06'39					

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11687 Jul 30 j 22:26	16°♄09'02	0°43'02	minimum elong	-11686 Jul 10 j 09:37	25°♄03'16	1°20'24
minimum elong	-11687 Jul 31 j 03:26	16°♄28'48	0°42'56		-11686 Jul 13 j 11:43	0°♄	
max. Earth dist.	-11687 Jul 31 j 07:05	16°♄43'17	1.44588 AU	max. Earth dist.	-11686 Jul 13 j 23:00	0°♄44'59	1.44221 AU
desc. node	-11687 Aug 07 j 08:31	27°♄53'42		desc. node	-11686 Jul 25 j 05:51	18°♄30'59	
	-11687 Aug 08 j 16:22	0°♄		evening rise	-11686 Jul 26 j 17:35	20°♄50'14	
evening rise	-11687 Aug 16 j 01:44	11°♄46'30			-11686 Aug 01 j 15:20	0°♄	
	-11687 Aug 27 j 13:21	0°♄		greatest brilliancy	-11686 Aug 07 j 19:32	9°♄26'43	-0.7m
evening max el	-11687 Sep 06 j 14:56	13°♄37'43	18°58'28	evening max el	-11686 Aug 20 j 22:24	27°♄07'15	19°48'20
retrograde	-11687 Sep 13 j 12:07	17°♄31'13			-11686 Aug 24 j 07:20	0°♄	
evening set	-11687 Sep 16 j 14:26	16°♄36'27		retrograde	-11686 Aug 28 j 08:22	1°♄24'09	
asc. node	-11687 Sep 16 j 16:35	16°♄33'15		evening set	-11686 Aug 31 j 20:03	0°♄13'39	
inferior conj	-11687 Sep 22 j 10:25	10°♄49'21	1°45'38		-11686 Sep 01 j 03:49	30°♄♄	
minimum elong	-11687 Sep 22 j 08:01	10°♄56'45	1°45'25	asc. node	-11686 Sep 03 j 13:37	27°♄45'02	
min. Earth dist.	-11687 Sep 23 j 23:22	8°♄55'39	0.65325 AU	inferior conj	-11686 Sep 06 j 09:26	24°♄15'27	0°53'21
morning rise	-11687 Sep 28 j 01:07	4°♄36'10		minimum elong	-11686 Sep 06 j 08:12	24°♄19'27	0°53'33
direct	-11687 Oct 04 j 10:39	1°♄55'16		min. Earth dist.	-11686 Sep 07 j 10:37	22°♄53'09	0.66247 AU
morning max el	-11687 Oct 17 j 07:24	9°♄21'18	26°34'57	morning rise	-11686 Sep 11 j 20:04	17°♄56'36	
	-11687 Nov 02 j 17:31	0°♄		direct	-11686 Sep 17 j 16:05	15°♄27'23	
desc. node	-11687 Nov 03 j 07:59	0°♄53'16		morning max el	-11686 Sep 29 j 17:12	22°♄34'14	25°28'31
	-11687 Nov 20 j 19:17	0°♄			-11686 Oct 06 j 07:25	0°♄	
morning set	-11687 Nov 22 j 02:32	2°♄26'24		desc. node	-11686 Oct 21 j 04:45	20°♄45'57	
max. Earth dist.	-11687 Nov 26 j 10:29	10°♄50'00	1.35136 AU		-11686 Oct 27 j 00:33	0°♄	
				morning set	-11686 Nov 04 j 18:21	15°♄01'26	
superior conj	-11687 Nov 30 j 18:25	19°♄36'19	-1°32'16	max. Earth dist.	-11686 Nov 08 j 16:04	22°♄13'03	1.36735 AU
minimum elong	-11687 Nov 30 j 19:57	19°♄44'14	1°32'02		-11686 Nov 12 j 17:18	0°♄	
	-11687 Dec 05 j 18:08	0°♄		superior conj	-11686 Nov 14 j 11:55	3°♄30'12	-1°38'20
evening rise	-11687 Dec 08 j 06:56	5°♄16'09		minimum elong	-11686 Nov 14 j 12:21	3°♄32'21	1°38'01
asc. node	-11687 Dec 13 j 14:42	15°♄52'10		evening rise	-11686 Nov 22 j 12:13	19°♄42'20	
	-11687 Dec 22 j 04:37	0°♄			-11686 Nov 27 j 18:12	0°♄	
evening max el	-11687 Dec 27 j 18:50	6°♄26'45	20°59'44	asc. node	-11686 Nov 30 j 12:01	4°♄57'04	
retrograde	-11686 Jan 08 j 01:47	11°♄44'56		evening max el	-11686 Dec 10 j 05:09	18°♄11'30	19°47'09
evening set	-11686 Jan 10 j 20:02	11°♄27'08		retrograde	-11686 Dec 19 j 22:06	22°♄45'39	
inferior conj	-11686 Jan 19 j 17:33	7°♄28'19	2°36'12	evening set	-11686 Dec 22 j 11:50	22°♄27'53	
minimum elong	-11686 Jan 19 j 23:09	7°♄20'12	2°34'19	inferior conj	-11686 Dec 30 j 22:17	18°♄23'08	3°45'34
min. Earth dist.	-11686 Jan 20 j 18:11	6°♄52'41	0.55581 AU	minimum elong	-11686 Dec 31 j 02:58	18°♄15'44	3°44'39
morning rise	-11686 Jan 29 j 01:09	3°♄11'55		min. Earth dist.	-11685 Jan 02 j 07:25	16°♄53'09	0.56463 AU
desc. node	-11686 Jan 30 j 09:38	2°♄57'19		morning rise	-11685 Jan 08 j 16:03	13°♄44'21	
direct	-11686 Feb 01 j 04:22	2°♄50'13		direct	-11685 Jan 13 j 02:00	13°♄00'45	
morning max el	-11686 Feb 14 j 04:34	9°♄11'45	22°31'15	desc. node	-11685 Jan 17 j 06:23	13°♄40'51	
	-11686 Feb 28 j 23:27	0°♄		morning max el	-11685 Jan 26 j 20:40	19°♄55'02	24°08'09
morning set	-11686 Mar 08 j 02:05	13°♄59'22			-11685 Feb 04 j 08:07	0°♄	
asc. node	-11686 Mar 11 j 12:42	21°♄14'45		morning set	-11685 Feb 20 j 14:24	29°♄03'07	
					-11685 Feb 21 j 01:13	0°♄	
superior conj	-11686 Mar 15 j 07:52	29°♄18'39	0°35'19	asc. node	-11685 Feb 26 j 09:48	11°♄29'18	
minimum elong	-11686 Mar 15 j 06:22	29°♄10'45	0°34'23				
	-11686 Mar 15 j 15:43	0°♄		superior conj	-11685 Feb 27 j 15:20	14°♄08'31	0°11'44
max. Earth dist.	-11686 Mar 18 j 04:05	5°♄15'19	1.34285 AU	minimum elong	-11685 Feb 27 j 14:51	14°♄05'57	0°11'00
evening rise	-11686 Mar 23 j 06:55	15°♄33'42		behind sun begin	-11685 Feb 27 j 11:09	13°♄45'58	
	-11686 Mar 31 j 01:39	0°♄		behind sun end	-11685 Feb 27 j 18:34	14°♄25'56	
evening max el	-11686 Apr 20 j 00:16	0°♄		max. Earth dist.	-11685 Mar 01 j 09:25	17°♄54'07	1.33455 AU
desc. node	-11686 Apr 26 j 17:50	7°♄29'08	27°15'54	evening rise	-11685 Mar 07 j 03:39	29°♄52'31	
retrograde	-11686 Apr 28 j 09:02	9°♄01'13			-11685 Mar 07 j 05:08	0°♄	
evening set	-11686 May 10 j 05:38	15°♄02'47			-11685 Mar 24 j 03:48	0°♄	
min. Earth dist.	-11686 May 17 j 02:54	12°♄19'08		evening max el	-11685 Apr 09 j 03:28	20°♄19'57	27°26'53
inferior conj	-11686 May 20 j 20:31	8°♄42'59	0.64430 AU	desc. node	-11685 Apr 15 j 06:19	25°♄17'24	
minimum elong	-11686 May 23 j 02:28	6°♄11'34	-3°22'30	retrograde	-11685 Apr 22 j 23:37	27°♄53'29	
morning rise	-11686 May 23 j 03:51	6°♄07'39	3°22'40	evening set	-11685 Apr 29 j 21:48	25°♄25'58	
	-11686 May 29 j 05:23	0°♄42'28		min. Earth dist.	-11685 May 03 j 13:54	22°♄18'00	0.62791 AU
direct	-11686 May 31 j 09:37	30°♄		inferior conj	-11685 May 06 j 09:47	19°♄27'20	-3°28'47
	-11686 Jun 01 j 03:29	29°♄57'01		minimum elong	-11685 May 06 j 09:47	19°♄27'21	3°29'14
morning max el	-11686 Jun 01 j 21:24	0°♄		morning rise	-11685 May 12 j 22:56	14°♄16'17	
asc. node	-11686 Jun 07 j 15:40	3°♄26'52	18°16'50	direct	-11685 May 15 j 16:18	13°♄40'46	
	-11686 Jun 07 j 12:56	3°♄20'01		morning max el	-11685 May 22 j 05:30	17°♄03'04	18°02'44
morning set	-11686 Jun 25 j 05:07	0°♄		asc. node	-11685 May 25 j 09:42	20°♄44'31	
	-11686 Jun 26 j 06:08	1°♄45'10			-11685 May 31 j 11:27	0°♄	
superior conj	-11686 Jul 10 j 03:08	24°♄37'12	1°20'43	morning set	-11685 Jun 08 j 04:54	13°♄24'44	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11685 Jun 17 j 18:24	0°♿		minimum elong	-11684 Apr 18 j 02:23	2°≈26'45	3°17'36
					-11684 Apr 20 j 23:54	30°℞	
superior conj	-11685 Jun 20 j 05:35	4°♿09'27	1°42'54	morning rise	-11684 Apr 25 j 06:28	27°℞31'25	
minimum elong	-11685 Jun 20 j 09:10	4°♿24'25	1°42'44	direct	-11684 Apr 27 j 19:33	27°℞04'35	
max. Earth dist.	-11685 Jun 26 j 11:55	14°♿28'43	1.43206 AU		-11684 May 04 j 05:13	0°≈	
evening rise	-11685 Jul 05 j 18:16	29°♿11'58		morning max el	-11684 May 04 j 18:36	0°≈31'08	18°07'13
	-11685 Jul 06 j 06:36	0°♿		asc. node	-11684 May 11 j 06:30	8°≈58'57	
desc. node	-11685 Jul 12 j 03:16	9°♿01'23		morning set	-11684 May 20 j 23:13	26°≈01'42	
	-11685 Jul 26 j 10:14	0°♿			-11684 May 23 j 03:01	0°℞	
evening max el	-11685 Aug 03 j 23:33	10°♿33'39	20°52'29				
retrograde	-11685 Aug 12 j 04:57	15°♿23'08		superior conj	-11684 May 31 j 11:05	15°℞02'03	1°49'22
evening set	-11685 Aug 16 j 04:08	13°♿53'45		minimum elong	-11684 May 31 j 11:03	15°℞01'55	1°49'10
asc. node	-11685 Aug 21 j 10:34	7°♿54'39		max. Earth dist.	-11684 Jun 07 j 19:11	27°℞36'48	1.41674 AU
inferior conj	-11685 Aug 21 j 12:45	7°♿47'13	0°01'44		-11684 Jun 09 j 05:38	0°♿	
minimum elong	-11685 Aug 21 j 12:42	7°♿47'23	0°02'19	evening rise	-11684 Jun 14 j 01:58	7°♿53'34	
transit middle	-11685 Aug 21 j 12:42	7°♿47'23	0°02'19	desc. node	-11684 Jun 28 j 00:43	29°♿20'25	
transit begin	-11685 Aug 21 j 10:00	7°♿56'33			-11684 Jun 28 j 11:30	0°♿	
transit end	-11685 Aug 21 j 15:24	7°♿38'13		evening max el	-11684 Jul 16 j 17:40	23°♿55'25	22°08'00
min. Earth dist.	-11685 Aug 22 j 02:59	6°♿58'50	0.66867 AU	retrograde	-11684 Jul 26 j 00:12	29°♿25'09	
morning rise	-11685 Aug 26 j 21:07	1°♿26'30		evening set	-11684 Jul 30 j 12:38	27°♿34'52	
	-11685 Aug 28 j 23:45	30°℞♿		inferior conj	-11684 Aug 04 j 18:29	21°♿22'42	-0°47'32
direct	-11685 Sep 01 j 02:44	29°♿13'54		minimum elong	-11684 Aug 04 j 19:27	21°♿19'21	0°46'41
	-11685 Sep 04 j 11:37	0°♿		min. Earth dist.	-11684 Aug 04 j 22:11	21°♿09'53	0.67185 AU
morning max el	-11685 Sep 12 j 02:58	5°♿49'27	24°08'55	asc. node	-11684 Aug 07 j 07:27	17°♿59'03	
	-11685 Sep 30 j 20:23	0°♿		morning rise	-11684 Aug 10 j 02:11	15°♿03'45	
desc. node	-11685 Oct 08 j 01:35	10°♿58'21		direct	-11684 Aug 14 j 17:55	13°♿09'36	
morning set	-11685 Oct 17 j 12:50	26°♿30'03		morning max el	-11684 Aug 24 j 14:41	19°♿05'42	22°44'58
	-11685 Oct 19 j 13:22	0°♿			-11684 Sep 02 j 16:01	0°♿	
max. Earth dist.	-11685 Oct 21 j 15:31	3°♿41'10	1.38636 AU		-11684 Sep 23 j 01:13	0°♿	
				desc. node	-11684 Sep 23 j 22:32	1°♿24'35	
superior conj	-11685 Oct 28 j 17:28	16°♿43'47	-1°36'59	morning set	-11684 Sep 27 j 05:35	6°♿43'06	
minimum elong	-11685 Oct 28 j 16:13	16°♿37'51	1°36'27	max. Earth dist.	-11684 Oct 02 j 15:27	15°♿43'24	1.40611 AU
	-11685 Nov 04 j 13:32	0°♿					
evening rise	-11685 Nov 06 j 11:34	3°♿46'04		superior conj	-11684 Oct 10 j 06:16	29°♿04'08	-1°25'58
asc. node	-11685 Nov 17 j 09:21	23°♿25'20		minimum elong	-11684 Oct 10 j 03:05	28°♿49'48	1°25'08
	-11685 Nov 22 j 13:34	0°♿			-11684 Oct 10 j 18:37	0°♿	
evening max el	-11685 Nov 23 j 01:32	0°♿29'32	18°53'41	evening rise	-11684 Oct 20 j 02:12	17°♿20'36	
retrograde	-11685 Dec 01 j 10:18	4°♿31'18			-11684 Oct 26 j 23:06	0°♿	
evening set	-11685 Dec 03 j 22:12	4°♿11'15		asc. node	-11684 Nov 03 j 06:39	11°♿05'37	
inferior conj	-11685 Dec 11 j 19:44	29°♿49'14	4°15'15	evening max el	-11684 Nov 05 j 06:26	13°♿16'27	18°20'34
minimum elong	-11685 Dec 11 j 20:50	29°♿47'15	4°15'15	retrograde	-11684 Nov 12 j 16:20	16°♿58'21	
	-11685 Dec 11 j 13:47	30°℞♿		evening set	-11684 Nov 15 j 03:49	16°♿34'37	
min. Earth dist.	-11685 Dec 14 j 21:51	27°♿35'53	0.57954 AU	inferior conj	-11684 Nov 22 j 12:37	11°♿51'31	4°11'12
morning rise	-11685 Dec 19 j 17:31	24°♿46'33		minimum elong	-11684 Nov 22 j 10:32	11°♿55'52	4°11'16
direct	-11685 Dec 25 j 10:35	23°♿28'38		min. Earth dist.	-11684 Nov 25 j 17:04	9°♿12'33	0.59758 AU
desc. node	-11684 Jan 04 j 03:04	27°♿02'25		morning rise	-11684 Nov 29 j 15:37	6°♿27'41	
	-11684 Jan 07 j 18:26	0°♿		direct	-11684 Dec 06 j 06:36	4°♿32'18	
morning max el	-11684 Jan 08 j 11:39	0°♿40'20	25°39'05	morning max el	-11684 Dec 20 j 07:26	11°♿54'02	26°49'06
	-11684 Jan 28 j 23:53	0°♿		desc. node	-11684 Dec 20 j 23:43	12°♿33'45	
morning set	-11684 Feb 05 j 02:40	14°♿08'02			-11683 Jan 03 j 13:53	0°♿	
				morning set	-11683 Jan 19 j 13:07	29°♿07'28	
superior conj	-11684 Feb 12 j 01:51	29°♿08'44	-0°11'36		-11683 Jan 19 j 23:11	0°♿	
minimum elong	-11684 Feb 12 j 02:20	29°♿11'26	0°12'03				
behind sun begin	-11684 Feb 11 j 23:05	28°♿53'41		superior conj	-11683 Jan 26 j 13:42	14°♿13'09	-0°33'47
behind sun end	-11684 Feb 12 j 05:36	29°♿29'12		minimum elong	-11683 Jan 26 j 15:00	14°♿20'20	0°33'58
	-11684 Feb 12 j 11:16	0°♿		max. Earth dist.	-11683 Jan 26 j 10:10	13°♿53'55	1.32781 AU
max. Earth dist.	-11684 Feb 12 j 20:39	0°♿51'03	1.32956 AU	asc. node	-11683 Jan 30 j 04:15	22°♿04'15	
asc. node	-11684 Feb 13 j 06:59	1°♿47'10		evening rise	-11683 Feb 02 j 15:17	29°♿25'29	
evening rise	-11684 Feb 19 j 07:13	14°♿32'29			-11683 Feb 02 j 21:55	0°♿	
	-11684 Feb 27 j 06:52	0°♿			-11683 Feb 19 j 17:07	0°♿	
	-11684 Mar 18 j 19:33	0°≈		evening max el	-11683 Mar 03 j 09:26	14°♿17'57	26°11'59
evening max el	-11684 Mar 21 j 09:11	2°≈37'45	27°05'17	retrograde	-11683 Mar 17 j 12:26	21°♿37'41	
desc. node	-11684 Apr 01 j 03:30	9°≈38'33		desc. node	-11683 Mar 19 j 00:36	21°♿31'58	
retrograde	-11684 Apr 04 j 10:18	10°≈06'47		evening set	-11683 Mar 23 j 08:19	20°♿12'54	
evening set	-11684 Apr 11 j 00:23	8°≈07'12		min. Earth dist.	-11683 Mar 27 j 22:44	17°♿21'33	0.58899 AU
min. Earth dist.	-11684 Apr 14 j 22:06	5°≈15'03	0.60882 AU	inferior conj	-11683 Mar 31 j 06:12	14°♿49'27	-2°41'41
inferior conj	-11684 Apr 18 j 04:13	2°≈22'39	-3°17'11	minimum elong	-11683 Mar 31 j 02:48	14°♿56'02	2°41'41

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

morning rise	-11683 Apr 08 j 00:19	10° Z 18'16		minimum elong	-11682 Mar 12 j 09:39	26° Z 45'43	1°36'36
direct	-11683 Apr 10 j 09:03	9° Z 58'48		morning rise	-11682 Mar 21 j 00:26	22° Z 26'25	
morning max el	-11683 Apr 18 j 04:11	13° Z 43'25	18°30'50	direct	-11682 Mar 23 j 05:17	22° Z 12'18	
asc. node	-11683 Apr 28 j 03:23	27° Z 52'06		morning max el	-11682 Apr 01 j 07:10	26° Z 30'03	19°14'08
	-11683 Apr 29 j 07:55	0° \approx			-11682 Apr 04 j 11:27	0° Z	
morning set	-11683 May 04 j 08:27	9° \approx 25'36		asc. node	-11682 Apr 15 j 00:21	17° Z 14'55	
				morning set	-11682 Apr 18 j 04:38	23° Z 26'41	
					-11682 Apr 21 j 11:52	0° \approx	
superior conj	-11683 May 13 j 16:22	27° \approx 07'10	1°43'41	superior conj	-11682 Apr 26 j 15:57	10° \approx 10'04	1°29'46
minimum elong	-11683 May 13 j 14:06	26° \approx 56'41	1°43'11	minimum elong	-11682 Apr 26 j 12:55	9° \approx 55'23	1°28'56
	-11683 May 15 j 05:59	0° H		max. Earth dist.	-11682 May 02 j 20:54	21° \approx 51'57	1.37993 AU
max. Earth dist.	-11683 May 20 j 20:45	10° H 01'01	1.39852 AU	evening rise	-11682 May 06 j 21:12	29° \approx 03'48	
evening rise	-11683 May 25 j 09:52	17° H 46'45			-11682 May 07 j 10:01	0° H	
	-11683 Jun 01 j 22:32	0° Y			-11682 May 26 j 06:42	0° Y	
desc. node	-11683 Jun 14 j 22:12	19° Y 22'34		desc. node	-11682 Jun 01 j 19:40	9° Y 00'44	
	-11683 Jun 22 j 21:32	0° B		evening max el	-11682 Jun 11 j 16:00	20° Y 35'28	24°50'47
evening max el	-11683 Jun 29 j 06:07	7° B 14'34	23°29'50	retrograde	-11682 Jun 23 j 05:35	27° Y 24'27	
retrograde	-11683 Jul 09 j 16:46	13° B 26'45		evening set	-11682 Jun 28 j 23:09	24° Y 54'28	
evening set	-11683 Jul 14 j 19:37	11° B 15'25		min. Earth dist.	-11682 Jul 03 j 11:28	19° Y 40'35	0.66914 AU
min. Earth dist.	-11683 Jul 19 j 17:49	5° B 24'16	0.67208 AU	inferior conj	-11682 Jul 04 j 05:59	18° Y 38'36	-2°13'29
inferior conj	-11683 Jul 20 j 00:48	5° B 00'11	-1°33'04	minimum elong	-11682 Jul 04 j 08:14	18° Y 31'03	2°12'39
minimum elong	-11683 Jul 20 j 02:35	4° B 54'06	1°32'07	morning rise	-11682 Jul 09 j 17:17	12° Y 33'39	
	-11683 Jul 24 j 00:53	30° R Y		asc. node	-11682 Jul 12 j 01:09	11° Y 24'58	
morning rise	-11683 Jul 25 j 09:28	28° Y 46'33		direct	-11682 Jul 13 j 10:09	11° Y 14'12	
asc. node	-11683 Jul 25 j 04:19	28° Y 56'52		morning max el	-11682 Jul 21 j 04:58	15° Y 48'32	20°12'53
direct	-11683 Jul 29 j 12:50	27° Y 10'28			-11682 Aug 01 j 02:13	0° B	
	-11683 Aug 04 j 16:58	0° B		morning set	-11682 Aug 17 j 00:18	24° B 13'03	
morning max el	-11683 Aug 07 j 06:45	2° B 24'20	21°24'14		-11682 Aug 20 j 17:11	0° II	
	-11683 Aug 27 j 15:31	0° II		max. Earth dist.	-11682 Aug 28 j 06:52	11° II 59'23	1.43748 AU
morning set	-11683 Sep 06 j 21:21	15° II 45'13		desc. node	-11682 Aug 28 j 16:44	12° II 38'55	
desc. node	-11683 Sep 10 j 19:35	21° II 59'17					
max. Earth dist.	-11683 Sep 14 j 20:05	28° II 30'26	1.42396 AU	superior conj	-11682 Sep 02 j 07:22	20° II 06'28	-0°27'29
	-11683 Sep 15 j 17:53	0° E		minimum elong	-11682 Sep 02 j 04:37	19° II 55'13	0°26'31
					-11682 Sep 08 j 06:55	0° E	
superior conj	-11683 Sep 21 j 20:27	10° E 15'12	-1°03'03	evening rise	-11682 Sep 15 j 13:09	12° E 20'06	
minimum elong	-11683 Sep 21 j 16:09	9° E 56'47	1°01'57		-11682 Sep 26 j 00:49	0° O	
evening rise	-11683 Oct 03 j 04:20	0° O 15'43		evening max el	-11682 Oct 03 j 06:35	9° O 44'37	18°13'15
	-11683 Oct 03 j 00:51	0° O		asc. node	-11682 Oct 08 j 01:06	13° O 00'54	
evening max el	-11683 Oct 19 j 17:07	26° O 23'52	18°07'24	retrograde	-11682 Oct 09 j 21:16	13° O 18'26	
asc. node	-11683 Oct 21 j 03:55	27° O 42'50		evening set	-11682 Oct 12 j 13:41	12° O 41'30	
retrograde	-11683 Oct 26 j 13:18	29° O 56'51		inferior conj	-11682 Oct 18 j 23:38	7° O 18'17	3°03'23
evening set	-11683 Oct 29 j 02:11	29° O 27'41		minimum elong	-11682 Oct 18 j 19:54	7° O 28'16	3°02'56
inferior conj	-11683 Nov 04 j 23:00	24° O 23'35	3°44'11	min. Earth dist.	-11682 Oct 21 j 08:43	4° O 45'51	0.63268 AU
minimum elong	-11683 Nov 04 j 19:23	24° O 32'13	3°43'56	morning rise	-11682 Oct 25 j 01:16	1° O 22'06	
min. Earth dist.	-11683 Nov 07 j 20:04	21° O 39'22	0.61597 AU		-11682 Oct 27 j 03:23	30° R E	
morning rise	-11683 Nov 11 j 11:21	18° O 42'05		direct	-11682 Nov 01 j 01:33	28° E 41'03	
direct	-11683 Nov 18 j 12:15	16° O 17'04			-11682 Nov 06 j 08:16	0° O	
morning max el	-11683 Dec 02 j 09:29	23° O 45'36	27°27'55	morning max el	-11682 Nov 14 j 16:30	6° O 13'04	27°32'04
desc. node	-11683 Dec 07 j 20:22	29° O 40'25		desc. node	-11682 Nov 24 j 17:03	17° O 55'34	
	-11683 Dec 08 j 02:53	0° M			-11682 Dec 02 j 23:59	0° M	
	-11683 Dec 27 j 16:36	0° U		morning set	-11682 Dec 18 j 19:56	28° M 16'22	
morning set	-11682 Jan 03 j 19:40	13° U 53'01			-11682 Dec 19 j 16:33	0° U	
max. Earth dist.	-11682 Jan 09 j 22:10	26° U 48'15	1.32941 AU	max. Earth dist.	-11682 Dec 24 j 05:06	9° U 22'25	1.33470 AU
superior conj	-11682 Jan 11 j 01:10	29° U 14'43	-0°54'09	superior conj	-11682 Dec 26 j 10:29	14° U 07'09	-1°11'55
minimum elong	-11682 Jan 11 j 03:02	29° U 24'57	0°54'08	minimum elong	-11682 Dec 26 j 12:36	14° U 18'27	1°11'46
	-11682 Jan 11 j 09:29	0° M		evening rise	-11681 Jan 02 j 13:08	29° U 20'37	
asc. node	-11682 Jan 17 j 01:35	12° M 15'33			-11681 Jan 02 j 20:39	0° M	
evening rise	-11682 Jan 18 j 01:50	14° M 23'35		asc. node	-11681 Jan 03 j 22:55	2° M 16'17	
	-11682 Jan 26 j 00:14	0° Z			-11681 Jan 20 j 06:02	0° Z	
evening max el	-11682 Feb 13 j 04:42	25° Z 25'53	24°53'32	evening max el	-11681 Jan 25 j 22:04	6° Z 18'03	23°21'16
	-11682 Feb 19 j 02:07	0° Z		retrograde	-11681 Feb 08 j 05:43	12° Z 47'03	
retrograde	-11682 Feb 27 j 03:35	2° Z 26'59		evening set	-11681 Feb 11 j 23:16	12° Z 16'38	
evening set	-11682 Mar 03 j 22:05	1° Z 34'45		min. Earth dist.	-11681 Feb 19 j 10:37	8° Z 49'34	0.55896 AU
desc. node	-11682 Mar 05 j 21:36	0° Z 44'35		desc. node	-11681 Feb 20 j 18:32	8° Z 02'07	
	-11682 Mar 07 j 07:44	30° R Z		inferior conj	-11681 Feb 21 j 00:32	7° Z 53'10	-0°03'51
min. Earth dist.	-11682 Mar 09 j 18:18	28° Z 31'04	0.57127 AU				
inferior conj	-11682 Mar 12 j 12:53	26° Z 40'17	-1°36'52				

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

minimum elong	-11681 Feb 21 j 00:21	7°♂53'27	0°04'23	minimum elong	-11680 Feb 01 j 03:51	18°♂33'59	1°39'25
transit middle	-11681 Feb 21 j 00:21	7°♂53'27	0°04'23	min. Earth dist.	-11680 Feb 01 j 00:59	18°♂38'04	0.55446 AU
transit begin	-11681 Feb 20 j 20:29	7°♂59'13		desc. node	-11680 Feb 07 j 15:23	15°♂20'05	
transit end	-11681 Feb 21 j 04:14	7°♂47'40		morning rise	-11680 Feb 10 j 09:35	14°♂33'03	
morning rise	-11681 Mar 02 j 03:29	3°♂49'22		direct	-11680 Feb 13 j 00:30	14°♂17'35	
direct	-11681 Mar 04 j 08:24	3°♂37'16		morning max el	-11680 Feb 25 j 06:48	20°♂11'52	21°38'15
morning max el	-11681 Mar 15 j 00:35	8°♂40'58	20°17'09		-11680 Mar 04 j 06:18	0°♂	
	-11681 Mar 29 j 08:23	0°♂		morning set	-11680 Mar 16 j 17:09	22°♂43'47	
asc. node	-11681 Apr 01 j 21:21	6°♂59'28		asc. node	-11680 Mar 18 j 18:23	26°♂59'58	
morning set	-11681 Apr 02 j 08:23	7°♂55'20			-11680 Mar 20 j 04:42	0°♂	
superior conj	-11681 Apr 10 j 04:50	23°♂56'18	1°10'41	superior conj	-11680 Mar 24 j 03:11	8°♂14'56	0°48'41
minimum elong	-11681 Apr 10 j 02:01	23°♂42'08	1°09'40	minimum elong	-11680 Mar 24 j 01:08	8°♂04'15	0°47'41
	-11681 Apr 13 j 05:56	0°♂		max. Earth dist.	-11680 Mar 27 j 16:36	15°♂33'06	1.34926 AU
max. Earth dist.	-11681 Apr 15 j 02:05	3°♂34'46	1.36307 AU	evening rise	-11680 Apr 01 j 10:33	24°♂54'19	
evening rise	-11681 Apr 19 j 07:20	11°♂31'47			-11680 Apr 04 j 03:28	0°♂	
	-11681 Apr 29 j 23:33	0°♂			-11680 Apr 22 j 11:01	0°♂	
desc. node	-11681 May 19 j 17:05	28°♂04'42		desc. node	-11680 May 05 j 14:27	16°♂20'28	
	-11681 May 21 j 08:44	0°♂		evening max el	-11680 May 06 j 12:45	17°♂16'22	26°55'56
evening max el	-11681 May 25 j 02:00	3°♂58'03	26°02'21	retrograde	-11680 May 19 j 17:08	24°♂45'51	
retrograde	-11681 Jun 06 j 13:53	11°♂12'55		evening set	-11680 May 26 j 10:54	21°♂58'44	
evening set	-11681 Jun 12 j 21:04	8°♂29'49		min. Earth dist.	-11680 May 30 j 07:24	18°♂02'46	0.65223 AU
min. Earth dist.	-11681 Jun 17 j 00:42	3°♂55'18	0.66264 AU	inferior conj	-11680 Jun 01 j 04:59	15°♂48'04	-3°12'41
inferior conj	-11681 Jun 18 j 08:05	2°♂15'28	-2°47'18	minimum elong	-11680 Jun 01 j 06:54	15°♂42'25	3°12'35
minimum elong	-11681 Jun 18 j 10:25	2°♂08'02	2°46'47	morning rise	-11680 Jun 07 j 03:12	10°♂09'45	
	-11681 Jun 20 j 03:47	30°♂		direct	-11680 Jun 10 j 04:39	9°♂17'49	
morning rise	-11681 Jun 23 j 23:50	26°♂22'28		asc. node	-11680 Jun 14 j 18:45	11°♂07'25	
direct	-11681 Jun 27 j 08:09	25°♂17'43		morning max el	-11680 Jun 16 j 19:33	12°♂56'11	18°33'06
asc. node	-11681 Jun 28 j 21:58	25°♂31'28			-11680 Jun 28 j 21:20	0°♂	
morning max el	-11681 Jul 04 j 09:37	29°♂19'30	19°15'01	morning set	-11680 Jul 06 j 18:29	12°♂53'09	
	-11681 Jul 05 j 00:57	0°♂			-11680 Jul 17 j 07:54	0°♂	
	-11681 Jul 25 j 12:15	0°♂		superior conj	-11680 Jul 21 j 16:55	6°♂58'46	1°00'39
morning set	-11681 Jul 27 j 10:29	3°♂02'37		minimum elong	-11680 Jul 21 j 23:13	7°♂23'46	1°00'22
max. Earth dist.	-11681 Aug 10 j 22:26	25°♂56'42	1.44486 AU	max. Earth dist.	-11680 Jul 23 j 15:24	10°♂03'07	1.44522 AU
superior conj	-11681 Aug 12 j 17:02	28°♂45'40	0°17'05	desc. node	-11680 Aug 01 j 11:14	23°♂59'22	
minimum elong	-11681 Aug 12 j 19:09	28°♂54'05	0°17'22		-11680 Aug 05 j 06:44	0°♂	
	-11681 Aug 13 j 11:45	0°♂		evening rise	-11680 Aug 07 j 05:43	3°♂05'11	
desc. node	-11681 Aug 15 j 13:57	3°♂19'53			-11680 Aug 24 j 19:18	0°♂	
evening rise	-11681 Aug 27 j 22:58	23°♂19'59		evening max el	-11680 Aug 30 j 05:59	6°♂41'41	19°17'48
	-11681 Sep 01 j 00:37	0°♂		retrograde	-11680 Sep 06 j 07:46	10°♂44'12	
evening max el	-11681 Sep 16 j 19:48	23°♂12'15	18°37'06	evening set	-11680 Sep 09 j 13:49	9°♂43'01	
retrograde	-11681 Sep 23 j 12:30	26°♂55'57		asc. node	-11680 Sep 10 j 19:17	8°♂48'54	
asc. node	-11681 Sep 24 j 22:13	26°♂44'54		inferior conj	-11680 Sep 15 j 06:44	3°♂50'31	1°23'30
evening set	-11681 Sep 26 j 10:37	26°♂08'27		minimum elong	-11680 Sep 15 j 04:49	3°♂56'35	1°23'26
inferior conj	-11681 Oct 02 j 11:11	20°♂28'59	2°15'08	min. Earth dist.	-11680 Sep 16 j 14:27	2°♂10'04	0.65748 AU
minimum elong	-11681 Oct 02 j 08:10	20°♂37'51	2°14'46		-11680 Sep 18 j 09:39	30°♂	
min. Earth dist.	-11681 Oct 04 j 07:14	18°♂19'29	0.64659 AU	morning rise	-11680 Sep 20 j 19:27	27°♂34'27	
morning rise	-11681 Oct 08 j 05:11	14°♂21'07		direct	-11680 Sep 26 j 23:19	24°♂58'02	
direct	-11681 Oct 14 j 21:23	11°♂37'21			-11680 Oct 07 j 01:54	0°♂	
morning max el	-11681 Oct 28 j 02:19	19°♂07'41	27°03'52	morning max el	-11680 Oct 09 j 12:38	2°♂17'27	26°09'03
	-11681 Nov 06 j 11:39	0°♂		desc. node	-11680 Oct 28 j 10:28	26°♂36'49	
desc. node	-11681 Nov 11 j 13:46	6°♂59'16			-11680 Oct 30 j 15:41	0°♂	
	-11681 Nov 25 j 21:52	0°♂		morning set	-11680 Nov 14 j 12:33	25°♂14'35	
morning set	-11681 Dec 02 j 10:55	12°♂07'52			-11680 Nov 17 j 01:15	0°♂	
max. Earth dist.	-11681 Dec 07 j 03:35	21°♂28'03	1.34404 AU	max. Earth dist.	-11680 Nov 18 j 15:19	3°♂03'16	1.35764 AU
superior conj	-11681 Dec 10 j 15:42	28°♂43'38	-1°26'08	superior conj	-11680 Nov 23 j 14:18	12°♂55'12	-1°35'38
minimum elong	-11681 Dec 10 j 17:36	28°♂53'35	1°25'56	minimum elong	-11680 Nov 23 j 15:27	13°♂01'01	1°35'22
	-11681 Dec 11 j 06:15	0°♂		evening rise	-11680 Dec 01 j 07:13	28°♂47'16	
evening rise	-11681 Dec 17 j 23:32	14°♂10'50			-11680 Dec 01 j 21:28	0°♂	
asc. node	-11681 Dec 21 j 20:14	22°♂01'08		asc. node	-11680 Dec 07 j 17:33	11°♂22'52	
	-11681 Dec 26 j 02:43	0°♂		evening max el	-11680 Dec 19 j 22:59	28°♂42'26	20°26'45
evening max el	-11680 Jan 07 j 18:36	21°♂17'37	21°48'39		-11680 Dec 21 j 10:28	0°♂	
retrograde	-11680 Jan 19 j 21:59	23°♂03'16		retrograde	-11680 Dec 30 j 13:49	3°♂41'32	
evening set	-11680 Jan 22 j 22:13	22°♂43'03		evening set	-11679 Jan 02 j 05:28	3°♂24'11	
inferior conj	-11680 Jan 31 j 23:41	18°♂39'54	1°41'10		-11679 Jan 09 j 22:34	30°♂	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

inferior conj	-11679 Jan 10 j 22:39	29° Ω 24'15	3°10'17	inferior conj	-11679 Dec 22 j 09:46	10° Ω 31'03	4°02'55
minimum elong	-11679 Jan 11 j 04:23	29° Ω 15'42	3°08'43	minimum elong	-11679 Dec 22 j 13:02	10° Ω 25'34	4°02'28
min. Earth dist.	-11679 Jan 12 j 14:26	28° Ω 24'58	0.55859 AU	min. Earth dist.	-11679 Dec 25 j 04:12	8° Ω 40'33	0.57032 AU
morning rise	-11679 Jan 20 j 01:43	24° Ω 59'08		morning rise	-11679 Dec 30 j 19:12	5° Ω 41'25	
direct	-11679 Jan 23 j 16:44	24° Ω 30'12		direct	-11678 Jan 04 j 18:52	4° Ω 44'19	
desc. node	-11679 Jan 24 j 12:10	24° Ω 31'42		desc. node	-11678 Jan 11 j 08:53	6° Ω 23'52	
	-11679 Feb 04 j 21:22	0° \mathbb{M}		morning max el	-11678 Jan 18 j 17:48	11° Ω 48'25	24°48'25
morning max el	-11679 Feb 06 j 02:55	1° \mathbb{M} 07'35	23°12'15		-11678 Feb 01 j 15:17	0° \mathbb{M}	
	-11679 Feb 25 j 09:36	0° \mathbb{A}		morning set	-11678 Feb 13 j 17:12	22° \mathbb{M} 48'32	
morning set	-11679 Mar 01 j 04:41	7° \mathbb{A} 43'44			-11678 Feb 17 j 02:06	0° \mathbb{A}	
asc. node	-11679 Mar 05 j 15:28	17° \mathbb{A} 10'34					
				superior conj	-11678 Feb 20 j 17:01	7° \mathbb{A} 50'49	0°01'46
superior conj	-11679 Mar 08 j 08:01	22° \mathbb{A} 55'40	0°25'20	minimum elong	-11678 Feb 20 j 16:58	7° \mathbb{A} 50'33	0°01'10
minimum elong	-11679 Mar 08 j 06:57	22° \mathbb{A} 49'58	0°24'29	behind sun begin	-11678 Feb 20 j 11:54	7° \mathbb{A} 23'05	
max. Earth dist.	-11679 Mar 10 j 16:49	27° \mathbb{A} 56'09	1.33891 AU	behind sun end	-11678 Feb 20 j 22:02	8° \mathbb{A} 17'59	
	-11679 Mar 11 j 16:32	0° \mathbb{B}		asc. node	-11678 Feb 20 j 12:37	7° \mathbb{A} 26'59	
evening rise	-11679 Mar 16 j 01:58	8° \mathbb{B} 55'48		max. Earth dist.	-11678 Feb 22 j 00:51	10° \mathbb{A} 42'42	1.33201 AU
	-11679 Mar 27 j 14:39	0° \approx		evening rise	-11678 Feb 28 j 01:56	23° \mathbb{A} 24'38	
	-11679 Apr 18 j 15:07	0° \mathbb{H}			-11678 Mar 03 j 09:34	0° \mathbb{B}	
evening max el	-11679 Apr 18 j 23:09	0° \mathbb{H} 19'44	27°24'13		-11678 Mar 21 j 09:59	0° \approx	
desc. node	-11679 Apr 22 j 11:47	3° \mathbb{H} 27'45		evening max el	-11678 Apr 01 j 07:19	12° \approx 57'25	27°21'42
retrograde	-11679 May 02 j 14:58	7° \mathbb{H} 54'36		desc. node	-11678 Apr 09 j 09:03	18° \approx 59'12	
evening set	-11679 May 09 j 13:42	5° \mathbb{H} 15'49		retrograde	-11678 Apr 15 j 06:20	20° \approx 30'18	
min. Earth dist.	-11679 May 13 j 05:53	1° \mathbb{H} 53'11	0.63779 AU	evening set	-11678 Apr 22 j 02:07	18° \approx 13'21	
	-11679 May 15 j 00:12	30° \mathbb{R} \approx		min. Earth dist.	-11678 Apr 25 j 19:26	15° \approx 13'43	0.62001 AU
inferior conj	-11679 May 15 j 18:07	29° \approx 11'31	-3°27'00	inferior conj	-11678 Apr 28 j 20:25	12° \approx 19'35	-3°26'24
minimum elong	-11679 May 15 j 18:59	29° \approx 09'09	3°27'19	minimum elong	-11678 Apr 28 j 19:39	12° \approx 21'24	3°26'54
morning rise	-11679 May 22 j 01:06	23° \approx 50'11		morning rise	-11678 May 05 j 14:47	7° \approx 16'51	
direct	-11679 May 24 j 21:03	23° \approx 09'14		direct	-11678 May 08 j 06:09	6° \approx 45'20	
morning max el	-11679 May 31 j 08:43	26° \approx 34'26	18°08'36	morning max el	-11678 May 14 j 22:36	10° \approx 08'15	18°02'16
asc. node	-11679 Jun 01 j 15:32	27° \approx 56'54		asc. node	-11678 May 19 j 12:21	15° \approx 44'17	
	-11679 Jun 03 j 07:48	0° \mathbb{H}			-11678 May 28 j 03:11	0° \mathbb{H}	
morning set	-11679 Jun 18 j 03:51	23° \mathbb{H} 54'20		morning set	-11678 May 31 j 11:32	5° \mathbb{H} 59'34	
	-11679 Jun 21 j 17:28	0° \mathbb{Y}					
				superior conj	-11678 Jun 11 j 19:29	25° \mathbb{H} 57'02	1°47'23
superior conj	-11679 Jul 01 j 05:28	15° \mathbb{Y} 50'32	1°32'11	minimum elong	-11678 Jun 11 j 21:26	26° \mathbb{H} 05'21	1°47'15
minimum elong	-11679 Jul 01 j 11:03	16° \mathbb{Y} 13'18	1°31'56		-11678 Jun 14 j 04:45	0° \mathbb{Y}	
max. Earth dist.	-11679 Jul 06 j 06:14	23° \mathbb{Y} 58'57	1.43859 AU	max. Earth dist.	-11678 Jun 18 j 16:23	7° \mathbb{Y} 27'09	1.42603 AU
	-11679 Jul 10 j 00:56	0° \mathbb{B}		evening rise	-11678 Jun 26 j 13:40	20° \mathbb{Y} 06'43	
evening rise	-11679 Jul 17 j 12:53	11° \mathbb{B} 44'57			-11678 Jul 02 j 22:47	0° \mathbb{B}	
desc. node	-11679 Jul 19 j 08:36	14° \mathbb{B} 34'19		desc. node	-11678 Jul 06 j 06:04	5° \mathbb{B} 00'30	
	-11679 Jul 29 j 11:12	0° \mathbb{I}			-11678 Jul 24 j 03:47	0° \mathbb{I}	
evening max el	-11679 Aug 13 j 10:52	20° \mathbb{I} 09'57	20°14'00	evening max el	-11678 Jul 27 j 08:59	3° \mathbb{I} 34'21	21°23'31
retrograde	-11679 Aug 21 j 04:31	24° \mathbb{I} 40'10		retrograde	-11678 Aug 05 j 00:42	8° \mathbb{I} 40'28	
evening set	-11679 Aug 24 j 20:45	23° \mathbb{I} 22'04		evening set	-11678 Aug 09 j 05:13	7° \mathbb{I} 02'38	
asc. node	-11679 Aug 28 j 16:17	19° \mathbb{I} 29'03		inferior conj	-11678 Aug 14 j 12:26	0° \mathbb{I} 53'30	-0°19'32
inferior conj	-11679 Aug 30 j 07:51	17° \mathbb{I} 19'48	0°31'18	minimum elong	-11678 Aug 14 j 12:50	0° \mathbb{I} 52'06	0°18'49
minimum elong	-11679 Aug 30 j 07:08	17° \mathbb{I} 22'12	0°31'38	min. Earth dist.	-11678 Aug 14 j 22:15	0° \mathbb{I} 19'46	0.67038 AU
min. Earth dist.	-11679 Aug 31 j 04:18	16° \mathbb{I} 11'37	0.66539 AU		-11678 Aug 15 j 04:02	30° \mathbb{R} \mathbb{B}	
morning rise	-11679 Sep 04 j 17:16	10° \mathbb{I} 59'26		asc. node	-11678 Aug 15 j 13:13	29° \mathbb{B} 28'43	
direct	-11679 Sep 10 j 07:04	8° \mathbb{I} 36'56		morning rise	-11678 Aug 19 j 20:18	24° \mathbb{B} 32'52	
morning max el	-11679 Sep 21 j 22:27	15° \mathbb{I} 32'40	24°55'47	direct	-11678 Aug 24 j 19:55	22° \mathbb{B} 27'48	
	-11679 Oct 03 j 21:27	0° \mathbb{E}		morning max el	-11678 Sep 04 j 08:35	28° \mathbb{B} 47'40	23°33'08
desc. node	-11679 Oct 15 j 07:15	16° \mathbb{E} 38'46			-11678 Sep 05 j 12:15	0° \mathbb{I}	
	-11679 Oct 23 j 13:14	0° \mathbb{O}			-11678 Sep 27 j 16:41	0° \mathbb{E}	
morning set	-11679 Oct 27 j 19:59	7° \mathbb{O} 23'19		desc. node	-11678 Oct 02 j 04:09	6° \mathbb{E} 57'28	
max. Earth dist.	-11679 Oct 31 j 17:26	14° \mathbb{O} 24'04	1.37509 AU	morning set	-11678 Oct 09 j 03:48	18° \mathbb{E} 19'55	
				max. Earth dist.	-11678 Oct 13 j 15:41	26° \mathbb{E} 00'58	1.39481 AU
					-11678 Oct 15 j 21:58	0° \mathbb{O}	
superior conj	-11679 Nov 07 j 03:12	26° \mathbb{O} 33'06	-1°38'49	superior conj	-11678 Oct 21 j 02:15	9° \mathbb{O} 25'26	-1°33'38
minimum elong	-11679 Nov 07 j 02:59	26° \mathbb{O} 32'03	1°38'25	minimum elong	-11678 Oct 21 j 00:11	9° \mathbb{O} 15'48	1°33'00
	-11679 Nov 08 j 21:20	0° \mathbb{N}		evening rise	-11678 Oct 30 j 06:15	26° \mathbb{O} 55'58	
evening rise	-11679 Nov 15 j 10:17	13° \mathbb{N} 04'29			-11678 Oct 31 j 20:28	0° \mathbb{N}	
	-11679 Nov 24 j 11:37	0° \mathbb{O}		asc. node	-11678 Nov 11 j 12:10	18° \mathbb{N} 22'25	
asc. node	-11679 Nov 24 j 14:52	0° \mathbb{O} 13'23		evening max el	-11678 Nov 15 j 13:58	23° \mathbb{N} 12'26	18°37'11
evening max el	-11679 Dec 02 j 13:38	10° \mathbb{O} 41'24	19°22'02	retrograde	-11678 Nov 23 j 11:39	27° \mathbb{N} 03'47	
retrograde	-11679 Dec 11 j 16:09	15° \mathbb{O} 00'24					
evening set	-11679 Dec 14 j 04:43	14° \mathbb{O} 42'00					

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening set	-11678 Nov 25 j 23:18	26° \mathbb{M} 42'19		evening set	-11677 Nov 08 j 12:27	9° \mathbb{M} 19'25	
inferior conj	-11678 Dec 03 j 15:23	22° \mathbb{M} 11'52	4°17'02	inferior conj	-11677 Nov 15 j 15:59	4° \mathbb{M} 27'00	4°01'55
minimum elong	-11678 Dec 03 j 14:57	22° \mathbb{M} 12'42	4°17'09	minimum elong	-11677 Nov 15 j 13:02	4° \mathbb{M} 33'31	4°01'51
min. Earth dist.	-11678 Dec 06 j 20:15	19° \mathbb{M} 44'56	0.58702 AU	min. Earth dist.	-11677 Nov 18 j 18:06	1° \mathbb{M} 43'42	0.60555 AU
morning rise	-11678 Dec 11 j 04:45	16° \mathbb{M} 59'56			-11677 Nov 20 j 22:13	30° \mathbb{R} 0	
direct	-11678 Dec 17 j 08:54	15° \mathbb{M} 25'22		morning rise	-11677 Nov 22 j 12:15	28° \mathbb{M} 55'37	
desc. node	-11678 Dec 29 j 05:33	20° \mathbb{M} 44'03		direct	-11677 Nov 29 j 09:01	26° \mathbb{M} 46'19	
morning max el	-11678 Dec 31 j 10:04	22° \mathbb{M} 42'06	26°12'11		-11677 Dec 08 j 07:07	0° \mathbb{M}	
	-11677 Jan 06 j 22:59	0° \mathbb{L}		morning max el	-11677 Dec 13 j 08:17	4° \mathbb{M} 10'19	27°09'56
	-11677 Jan 25 j 08:20	0° \mathbb{M}		desc. node	-11677 Dec 16 j 02:13	6° \mathbb{M} 59'21	
morning set	-11677 Jan 29 j 04:55	7° \mathbb{M} 51'41			-11676 Jan 01 j 12:09	0° \mathbb{L}	
				morning set	-11676 Jan 13 j 13:56	22° \mathbb{L} 45'46	
superior conj	-11677 Feb 05 j 04:19	22° \mathbb{M} 53'37	-0°21'10		-11676 Jan 17 j 00:12	0° \mathbb{M}	
minimum elong	-11677 Feb 05 j 05:11	22° \mathbb{M} 58'21	0°21'30	max. Earth dist.	-11676 Jan 20 j 02:52	6° \mathbb{M} 44'34	1.32805 AU
max. Earth dist.	-11677 Feb 05 j 13:26	23° \mathbb{M} 43'21	1.32838 AU				
asc. node	-11677 Feb 07 j 09:51	27° \mathbb{M} 45'03		superior conj	-11676 Jan 20 j 16:10	7° \mathbb{M} 57'09	-0°42'41
	-11677 Feb 08 j 10:49	0° \mathbb{X}		minimum elong	-11676 Jan 20 j 17:45	8° \mathbb{M} 05'50	0°42'47
evening rise	-11677 Feb 12 j 07:42	8° \mathbb{X} 11'21		asc. node	-11676 Jan 25 j 07:07	18° \mathbb{M} 00'01	
	-11677 Feb 23 j 21:15	0° \mathbb{Z}		evening rise	-11676 Jan 27 j 17:02	23° \mathbb{M} 07'16	
evening max el	-11677 Mar 14 j 11:07	25° \mathbb{Z} 00'47	26°46'25		-11676 Jan 31 j 01:49	0° \mathbb{X}	
	-11677 Mar 20 j 19:05	0° \mathbb{M}			-11676 Feb 18 j 12:44	0° \mathbb{Z}	
desc. node	-11677 Mar 27 j 06:12	2° \mathbb{M} 21'49		evening max el	-11676 Feb 24 j 09:10	6° \mathbb{Z} 26'14	25°41'14
retrograde	-11677 Mar 28 j 13:42	2° \mathbb{M} 26'16		retrograde	-11676 Mar 09 j 11:01	13° \mathbb{Z} 38'44	
evening set	-11677 Apr 03 j 21:01	0° \mathbb{M} 41'30		desc. node	-11676 Mar 13 j 03:17	13° \mathbb{Z} 06'03	
	-11677 Apr 05 j 01:10	30° \mathbb{R} 0		evening set	-11676 Mar 14 j 20:51	12° \mathbb{Z} 28'41	
min. Earth dist.	-11677 Apr 08 j 00:28	27° \mathbb{Z} 51'12	0.60030 AU	min. Earth dist.	-11676 Mar 19 j 22:27	9° \mathbb{Z} 33'46	0.58100 AU
inferior conj	-11677 Apr 11 j 08:24	25° \mathbb{Z} 04'52	-3°05'32	inferior conj	-11676 Mar 23 j 02:25	7° \mathbb{Z} 17'14	-2°18'02
minimum elong	-11677 Apr 11 j 05:47	25° \mathbb{Z} 10'21	3°05'47	minimum elong	-11676 Mar 22 j 22:46	7° \mathbb{Z} 23'50	2°17'50
morning rise	-11677 Apr 18 j 17:01	20° \mathbb{Z} 21'54		morning rise	-11676 Mar 31 j 03:51	2° \mathbb{Z} 53'51	
direct	-11677 Apr 21 j 04:15	19° \mathbb{Z} 58'21		direct	-11676 Apr 02 j 10:58	2° \mathbb{Z} 36'48	
morning max el	-11677 Apr 28 j 10:34	23° \mathbb{Z} 31'07	18°14'49	morning max el	-11676 Apr 10 j 17:40	6° \mathbb{Z} 33'24	18°46'51
	-11677 May 03 j 16:05	0° \mathbb{M}		asc. node	-11676 Apr 22 j 06:08	23° \mathbb{Z} 23'58	
asc. node	-11677 May 06 j 09:13	4° \mathbb{M} 17'05			-11676 Apr 25 j 18:06	0° \mathbb{M}	
morning set	-11677 May 14 j 12:52	18° \mathbb{M} 58'52		morning set	-11676 Apr 27 j 03:15	2° \mathbb{M} 40'15	
	-11677 May 20 j 10:39	0° \mathbb{X}					
superior conj	-11677 May 24 j 11:48	7° \mathbb{X} 22'37	1°48'12	superior conj	-11676 May 06 j 01:33	19° \mathbb{M} 54'24	1°38'36
minimum elong	-11677 May 24 j 10:37	7° \mathbb{X} 17'19	1°47'53	minimum elong	-11676 May 05 j 22:49	19° \mathbb{M} 41'28	1°37'56
max. Earth dist.	-11677 May 31 j 21:12	20° \mathbb{X} 17'50	1.40929 AU		-11676 May 11 j 12:55	0° \mathbb{X}	
evening rise	-11677 Jun 06 j 06:36	29° \mathbb{X} 16'11		max. Earth dist.	-11676 May 12 j 22:05	2° \mathbb{X} 28'20	1.39058 AU
	-11677 Jun 06 j 17:22	0° \mathbb{Y}		evening rise	-11676 May 17 j 02:26	9° \mathbb{X} 45'40	
desc. node	-11677 Jun 23 j 03:33	25° \mathbb{Y} 13'22			-11676 May 29 j 15:04	0° \mathbb{Y}	
	-11677 Jun 26 j 11:59	0° \mathbb{Z}		desc. node	-11676 Jun 09 j 01:02	15° \mathbb{Y} 06'35	
evening max el	-11677 Jul 10 j 00:36	16° \mathbb{Z} 55'35	22°42'24		-11676 Jun 21 j 05:28	0° \mathbb{Z}	
retrograde	-11677 Jul 19 j 18:49	22° \mathbb{Z} 42'53		evening max el	-11676 Jun 21 j 11:39	0° \mathbb{Z} 15'39	24°04'44
evening set	-11677 Jul 24 j 13:19	20° \mathbb{Z} 43'39		retrograde	-11676 Jul 02 j 09:49	6° \mathbb{Z} 43'53	
inferior conj	-11677 Jul 29 j 18:39	14° \mathbb{Z} 30'09	-1°07'24	evening set	-11676 Jul 07 j 19:06	4° \mathbb{Z} 23'58	
minimum elong	-11677 Jul 29 j 20:00	14° \mathbb{Z} 25'31	1°06'28		-11676 Jul 11 j 15:43	30° \mathbb{R} 0	
min. Earth dist.	-11677 Jul 29 j 17:56	14° \mathbb{Z} 32'40	0.67244 AU	min. Earth dist.	-11676 Jul 12 j 12:54	28° \mathbb{Y} 48'35	0.67134 AU
asc. node	-11677 Aug 02 j 10:08	9° \mathbb{Z} 49'44		inferior conj	-11676 Jul 13 j 00:43	28° \mathbb{Y} 08'20	-1°50'56
morning rise	-11677 Aug 04 j 02:35	8° \mathbb{Z} 13'06		minimum elong	-11676 Jul 13 j 02:44	28° \mathbb{Y} 01'27	1°50'00
direct	-11677 Aug 08 j 12:57	6° \mathbb{Z} 26'33		morning rise	-11676 Jul 18 j 10:19	21° \mathbb{Y} 58'16	
morning max el	-11677 Aug 17 j 21:43	12° \mathbb{Z} 04'03	22°09'40	asc. node	-11676 Jul 19 j 07:00	21° \mathbb{Y} 23'29	
	-11677 Aug 31 j 22:16	0° \mathbb{I}		direct	-11676 Jul 22 j 09:01	20° \mathbb{Y} 29'32	
morning set	-11677 Sep 19 j 09:09	27° \mathbb{I} 59'43		morning max el	-11676 Jul 30 j 16:22	25° \mathbb{Y} 25'23	20°52'26
desc. node	-11677 Sep 19 j 01:08	27° \mathbb{I} 27'41			-11676 Aug 03 j 15:51	0° \mathbb{Z}	
	-11677 Sep 20 j 15:03	0° \mathbb{L}			-11676 Aug 24 j 09:34	0° \mathbb{I}	
max. Earth dist.	-11677 Sep 25 j 17:20	8° \mathbb{L} 22'05	1.41420 AU	morning set	-11676 Aug 28 j 17:23	6° \mathbb{I} 41'50	
				desc. node	-11676 Sep 04 j 22:14	18° \mathbb{I} 05'10	
superior conj	-11677 Oct 03 j 06:09	21° \mathbb{L} 18'10	-1°17'48	max. Earth dist.	-11676 Sep 07 j 01:20	21° \mathbb{I} 31'15	1.43042 AU
minimum elong	-11677 Oct 03 j 02:18	21° \mathbb{L} 01'11	1°16'50		-11676 Sep 12 j 05:14	0° \mathbb{L}	
	-11677 Oct 08 j 02:33	0° \mathbb{M}		superior conj	-11676 Sep 13 j 09:07	1° \mathbb{L} 56'24	-0°49'26
evening rise	-11677 Oct 13 j 16:02	10° \mathbb{M} 14'35		minimum elong	-11676 Sep 13 j 05:01	1° \mathbb{L} 39'17	0°48'18
	-11677 Oct 25 j 00:10	0° \mathbb{M}		evening rise	-11676 Sep 25 j 11:30	22° \mathbb{L} 50'31	
asc. node	-11677 Oct 29 j 09:27	5° \mathbb{M} 37'36			-11676 Sep 29 j 12:53	0° \mathbb{M}	
evening max el	-11677 Oct 29 j 21:41	6° \mathbb{M} 08'48	18°12'34	evening max el	-11676 Oct 12 j 09:54	19° \mathbb{M} 23'00	18°07'34
retrograde	-11677 Nov 06 j 00:27	9° \mathbb{M} 45'23		asc. node	-11676 Oct 15 j 06:42	21° \mathbb{M} 43'44	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

retrograde	-11676 Oct 19 j 02:49	22°Ω55'29		retrograde	-11675 Oct 02 j 14:24	6°Ω24'32	
evening set	-11676 Oct 21 j 16:56	22°Ω23'18		evening set	-11675 Oct 05 j 08:50	5°Ω43'38	
inferior conj	-11676 Oct 28 j 08:55	17°Ω10'26	3°28'08	inferior conj	-11675 Oct 11 j 14:36	0°Ω13'08	2°43'33
minimum elong	-11676 Oct 28 j 05:07	17°Ω20'00	3°27'46	minimum elong	-11675 Oct 11 j 11:06	0°Ω22'54	2°43'06
min. Earth dist.	-11676 Oct 31 j 01:03	14°Ω29'41	0.62333 AU		-11675 Oct 11 j 19:17	30°R☿	
morning rise	-11676 Nov 03 j 16:16	11°Ω22'11		min. Earth dist.	-11675 Oct 13 j 18:09	27°☿49'12	0.63893 AU
direct	-11676 Nov 10 j 17:48	8°Ω49'00		morning rise	-11675 Oct 17 j 12:38	24°☿11'16	
morning max el	-11676 Nov 24 j 12:59	16°Ω19'19	27°34'02	direct	-11675 Oct 24 j 10:03	21°☿27'29	
desc. node	-11676 Dec 01 j 22:51	24°Ω38'26		morning max el	-11675 Nov 06 j 21:40	29°☿00'35	27°23'43
	-11676 Dec 05 j 23:33	0°♊			-11675 Nov 07 j 21:29	0°Ω	
	-11676 Dec 24 j 00:33	0°♊		desc. node	-11675 Nov 18 j 19:30	13°Ω16'13	
morning set	-11676 Dec 27 j 18:09	7°♊23'24			-11675 Nov 29 j 18:20	0°♊	
max. Earth dist.	-11675 Jan 02 j 13:22	19°♊33'05	1.33120 AU	morning set	-11675 Dec 11 j 14:51	21°♊34'36	
					-11675 Dec 15 j 18:46	0°♊	
superior conj	-11675 Jan 04 j 02:55	22°♊55'43	-1°02'03	max. Earth dist.	-11675 Dec 16 j 16:59	1°♊55'24	1.33814 AU
minimum elong	-11675 Jan 04 j 04:57	23°♊06'41	1°01'59				
	-11675 Jan 07 j 09:11	0°♋		superior conj	-11675 Dec 19 j 10:43	7°♊41'59	-1°18'28
evening rise	-11675 Jan 11 j 04:06	8°♋05'53		minimum elong	-11675 Dec 19 j 12:48	7°♊53'02	1°18'17
asc. node	-11675 Jan 11 j 04:24	8°♋07'31		evening rise	-11675 Dec 26 j 15:10	23°♊00'18	
	-11675 Jan 22 j 18:10	0°♌		asc. node	-11675 Dec 29 j 01:43	28°♊02'01	
evening max el	-11675 Feb 05 j 02:51	17°♌23'55	24°15'07		-11675 Dec 30 j 01:13	0°♋	
retrograde	-11675 Feb 18 j 20:39	24°♌13'32		evening max el	-11674 Jan 17 j 20:41	28°♋15'35	22°41'07
evening set	-11675 Feb 23 j 04:14	23°♌31'51			-11674 Jan 19 j 20:36	0°♌	
desc. node	-11675 Feb 28 j 00:15	21°♌19'18		retrograde	-11674 Jan 30 j 18:18	4°♌27'52	
min. Earth dist.	-11675 Mar 01 j 16:05	20°♌19'48	0.56521 AU	evening set	-11674 Feb 03 j 02:58	4°♌03'08	
inferior conj	-11675 Mar 04 j 00:33	18°♌50'52	-1°00'16	min. Earth dist.	-11674 Feb 11 j 07:37	0°♌21'39	0.55594 AU
minimum elong	-11675 Mar 03 j 22:15	18°♌54'29	1°00'13		-11674 Feb 11 j 22:35	30°R♋	
morning rise	-11675 Mar 12 j 19:17	14°♌42'59		inferior conj	-11674 Feb 12 j 05:34	29°♋49'52	0°40'50
direct	-11675 Mar 14 j 23:24	14°♌30'14		minimum elong	-11674 Feb 12 j 07:18	29°♋47'22	0°39'43
morning max el	-11675 Mar 24 j 16:53	19°♌05'44	19°38'40	desc. node	-11674 Feb 14 j 21:07	28°♋20'08	
	-11675 Apr 02 j 00:49	0°♍		morning rise	-11674 Feb 21 j 12:56	25°♋46'38	
asc. node	-11675 Apr 09 j 03:05	12°♍56'33		direct	-11674 Feb 23 j 20:10	25°♋34'06	
morning set	-11675 Apr 11 j 02:57	16°♍53'48			-11674 Mar 06 j 03:10	0°♎	
	-11675 Apr 17 j 15:29	0°♍		morning max el	-11674 Mar 07 j 05:40	0°♎59'53	20°49'44
					-11674 Mar 25 j 15:08	0°♍	
superior conj	-11675 Apr 19 j 07:19	3°♍17'21	1°22'10	morning set	-11674 Mar 26 j 09:03	1°♍31'15	
minimum elong	-11675 Apr 19 j 04:18	3°♍02'26	1°21'14	asc. node	-11674 Mar 27 j 00:04	2°♍48'13	
max. Earth dist.	-11675 Apr 24 j 23:29	14°♍11'47	1.37240 AU				
evening rise	-11675 Apr 29 j 00:06	21°♍34'20		superior conj	-11674 Apr 03 j 00:36	17°♍18'28	1°01'37
	-11675 May 03 j 19:51	0°♏		minimum elong	-11674 Apr 02 j 22:04	17°♍05'31	1°00'35
	-11675 May 23 j 11:14	0°♐		max. Earth dist.	-11674 Apr 07 j 07:46	25°♍56'30	1.35670 AU
desc. node	-11675 May 26 j 22:29	4°♐31'49			-11674 Apr 09 j 09:48	0°♑	
evening max el	-11675 Jun 03 j 21:08	13°♐36'52	25°22'47	evening rise	-11674 Apr 11 j 18:07	4°♑27'23	
retrograde	-11675 Jun 15 j 20:53	20°♐38'49			-11674 Apr 26 j 16:23	0°♏	
evening set	-11675 Jun 21 j 20:33	18°♐02'02		desc. node	-11674 May 13 j 19:53	23°♏17'38	
min. Earth dist.	-11675 Jun 26 j 04:54	13°♐04'58	0.66684 AU	evening max el	-11674 May 17 j 07:20	26°♏58'27	26°27'54
inferior conj	-11675 Jun 27 j 04:49	11°♐46'24	-2°28'46		-11674 May 20 j 15:27	0°♐	
minimum elong	-11675 Jun 27 j 07:09	11°♐38'42	2°28'02	retrograde	-11674 May 30 j 03:19	4°♐21'47	
morning rise	-11675 Jul 02 j 17:48	5°♐46'23		evening set	-11674 Jun 05 j 15:23	1°♐35'40	
direct	-11675 Jul 06 j 06:43	4°♐33'39			-11674 Jun 07 j 07:13	30°R♑	
asc. node	-11675 Jul 06 j 03:50	4°♐33'44		min. Earth dist.	-11674 Jun 09 j 15:41	27°♑17'44	0.65860 AU
morning max el	-11675 Jul 13 j 17:31	8°♐53'15	19°46'27	inferior conj	-11674 Jun 11 j 04:59	25°♑22'19	-2°59'16
	-11675 Jul 29 j 01:24	0°♒		minimum elong	-11674 Jun 11 j 07:13	25°♑15'25	2°58'56
morning set	-11675 Aug 07 j 21:02	15°♒12'54		morning rise	-11674 Jun 16 j 23:13	19°♑35'10	
	-11675 Aug 17 j 07:07	0°♓		direct	-11674 Jun 20 j 04:19	18°♑36'14	
max. Earth dist.	-11675 Aug 20 j 14:24	5°♓14'21	1.44142 AU	asc. node	-11674 Jun 23 j 00:37	19°♑20'05	
desc. node	-11675 Aug 22 j 19:24	8°♓45'54		morning max el	-11674 Jun 27 j 00:38	22°♑27'21	18°55'09
					-11674 Jul 03 j 00:38	0°♐	
superior conj	-11675 Aug 24 j 08:19	11°♓14'04	-0°09'14	morning set	-11674 Jul 18 j 15:26	24°♐25'51	
minimum elong	-11675 Aug 24 j 07:21	11°♓10'08	0°08'29		-11674 Jul 22 j 03:01	0°♑	
behind sun begin	-11675 Aug 23 j 21:57	10°♓32'22					
behind sun end	-11675 Aug 24 j 16:44	11°♓47'58		superior conj	-11674 Aug 03 j 11:21	19°♑35'48	0°36'24
	-11675 Sep 04 j 18:56	0°♒		minimum elong	-11674 Aug 03 j 15:41	19°♑52'56	0°36'22
evening rise	-11675 Sep 07 j 11:16	4°♒29'43		max. Earth dist.	-11674 Aug 03 j 06:27	19°♑16'28	1.44586 AU
	-11675 Sep 23 j 13:21	0°♓		desc. node	-11674 Aug 09 j 16:39	29°♑27'11	
evening max el	-11675 Sep 25 j 23:32	2°♓47'11	18°21'13		-11674 Aug 10 j 00:55	0°♓	
asc. node	-11675 Oct 02 j 03:52	6°♓23'30		evening rise	-11674 Aug 19 j 09:53	14°♓58'56	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11674 Aug 28 j 18:47	0°☿				-11673 Aug 24 j 01:21	0°☿		
evening max el	-11674 Sep 09 j 11:50	16°☿16'44	18°52'23	retrograde		-11673 Aug 31 j 03:41	3°☿59'26		
retrograde	-11674 Sep 16 j 07:36	20°☿07'15		evening set		-11673 Sep 03 j 13:52	2°☿51'23		
evening set	-11674 Sep 19 j 08:46	19°☿14'29		asc. node		-11673 Sep 05 j 22:01	0°☿50'06		
asc. node	-11674 Sep 19 j 00:58	19°☿25'05				-11673 Sep 06 j 16:18	30°☿II		
inferior conj	-11674 Sep 25 j 05:54	13°☿29'23	1°53'28	inferior conj		-11673 Sep 09 j 04:06	26°II54'34	1°01'18	
minimum elong	-11674 Sep 25 j 03:20	13°☿37'13	1°53'12	minimum elong		-11673 Sep 09 j 02:42	26°II59'07	1°01'25	
min. Earth dist.	-11674 Sep 26 j 20:42	11°☿31'22	0.65167 AU	min. Earth dist.		-11673 Sep 10 j 06:56	25°II27'34	0.66130 AU	
morning rise	-11674 Sep 30 j 21:23	7°☿17'30		morning rise		-11673 Sep 14 j 15:14	20°II36'27		
direct	-11674 Oct 07 j 08:49	4°☿35'27		direct		-11673 Sep 20 j 13:22	18°II05'12		
morning max el	-11674 Oct 20 j 07:47	12°☿02'52	26°43'08	morning max el		-11673 Oct 02 j 17:44	25°II15'25	25°39'31	
	-11674 Nov 03 j 21:10	0°♌				-11673 Oct 07 j 02:26	0°☿		
desc. node	-11674 Nov 05 j 16:12	2°♌35'50		desc. node		-11673 Oct 23 j 12:58	22°☿25'13		
	-11674 Nov 22 j 06:37	0°♍				-11673 Oct 28 j 08:49	0°♌		
morning set	-11674 Nov 25 j 00:40	5°♍08'35		morning set		-11673 Nov 07 j 19:14	17°♌52'42		
max. Earth dist.	-11674 Nov 29 j 10:40	13°♍45'41	1.34933 AU	max. Earth dist.		-11673 Nov 11 j 17:50	25°♌11'52	1.36472 AU	
						-11673 Nov 14 j 05:47	0°♍		
superior conj	-11674 Dec 03 j 13:26	22°♍08'58	-1°30'51						
minimum elong	-11674 Dec 03 j 15:05	22°♍17'30	1°30'37	superior conj		-11673 Nov 17 j 08:25	6°♍08'18	-1°37'53	
	-11674 Dec 07 j 07:36	0°♎		minimum elong		-11673 Nov 17 j 09:03	6°♍11'30	1°37'34	
evening rise	-11674 Dec 11 j 00:36	7°♎45'00		evening rise		-11673 Nov 25 j 06:37	22°♍14'39		
asc. node	-11674 Dec 15 j 23:02	17°♎37'45				-11673 Nov 29 j 04:17	0°♎		
	-11674 Dec 23 j 03:39	0°♏		asc. node		-11673 Dec 02 j 20:22	6°♎47'45		
evening max el	-11674 Dec 30 j 20:12	9°♏24'28	21°11'59	evening max el		-11673 Dec 13 j 05:01	21°♎04'32	19°56'51	
retrograde	-11673 Jan 11 j 08:34	14°♏49'32		retrograde		-11673 Dec 23 j 03:26	25°♎44'50		
evening set	-11673 Jan 14 j 04:07	14°♏31'18		evening set		-11673 Dec 25 j 17:37	25°♎27'13		
inferior conj	-11673 Jan 23 j 02:55	10°♏32'06	2°22'35	inferior conj		-11672 Jan 03 j 05:53	21°♎24'04	3°37'38	
minimum elong	-11673 Jan 23 j 08:16	10°♏24'24	2°20'42	minimum elong		-11672 Jan 03 j 10:57	21°♎16'10	3°36'31	
min. Earth dist.	-11673 Jan 23 j 21:44	10°♏05'04	0.55518 AU	min. Earth dist.		-11672 Jan 05 j 10:56	20°♎01'52	0.56283 AU	
morning rise	-11673 Feb 01 j 11:33	6°♏18'33		morning rise		-11672 Jan 12 j 02:21	16°♎49'04		
desc. node	-11673 Feb 01 j 17:55	6°♏15'14		direct		-11672 Jan 16 j 07:17	16°♎09'47		
direct	-11673 Feb 04 j 11:13	5°♏58'48		desc. node		-11672 Jan 19 j 14:39	16°♎34'47		
morning max el	-11673 Feb 17 j 07:07	12°♏13'46	22°17'11	morning max el		-11672 Jan 30 j 00:05	22°♎59'57	23°53'43	
	-11673 Mar 02 j 07:34	0°♐				-11672 Feb 05 j 04:34	0°♏		
morning set	-11673 Mar 10 j 19:11	16°♐24'55				-11672 Feb 22 j 14:27	0°♐		
asc. node	-11673 Mar 13 j 21:05	22°♐53'14		morning set		-11672 Feb 23 j 07:24	1°♐28'28		
	-11673 Mar 17 j 05:39	0°♑		asc. node		-11672 Feb 28 j 18:13	13°♐07'17		
superior conj	-11673 Mar 18 j 01:58	1°♑47'02	0°38'52	superior conj		-11672 Mar 01 j 08:51	16°♐35'11	0°15'18	
minimum elong	-11673 Mar 18 j 00:19	1°♑38'21	0°37'54	minimum elong		-11672 Mar 01 j 08:13	16°♐31'47	0°14'33	
max. Earth dist.	-11673 Mar 21 j 02:29	8°♑04'29	1.34440 AU	behind sun begin		-11672 Mar 01 j 06:13	16°♐21'04		
evening rise	-11673 Mar 26 j 03:00	18°♑08'00		behind sun end		-11672 Mar 01 j 10:13	16°♐42'31		
	-11673 Apr 01 j 11:40	0°♒		max. Earth dist.		-11672 Mar 03 j 06:43	20°♐40'20	1.33560 AU	
	-11673 Apr 20 j 21:12	0°♓				-11672 Mar 07 j 18:10	0°♑		
evening max el	-11673 Apr 29 j 18:18	10°♓12'17	27°11'39	evening rise		-11672 Mar 08 j 22:30	2°♑23'06		
desc. node	-11673 Apr 30 j 17:16	11°♓07'13				-11672 Mar 24 j 08:51	0°♒		
retrograde	-11673 May 13 j 04:20	17°♓44'53		evening max el		-11672 Apr 11 j 04:14	23°♒06'49	27°27'09	
evening set	-11673 May 20 j 00:52	15°♓00'02		desc. node		-11672 Apr 16 j 14:33	27°♒37'50		
min. Earth dist.	-11673 May 23 j 19:10	11°♓18'53	0.64647 AU			-11672 Apr 21 j 04:08	0°♓		
inferior conj	-11673 May 25 j 22:54	8°♓51'40	-3°20'20	retrograde		-11672 Apr 24 j 23:14	0°♓40'36		
minimum elong	-11673 May 26 j 00:27	8°♓47'14	3°20'27			-11672 Apr 28 j 14:12	30°♒♒		
morning rise	-11673 Jun 01 j 00:31	3°♓20'00		evening set		-11672 May 01 j 21:55	28°♒09'44		
direct	-11673 Jun 03 j 23:28	2°♓32'52		min. Earth dist.		-11672 May 05 j 13:50	24°♒58'24	0.63062 AU	
asc. node	-11673 Jun 09 j 21:23	5°♓28'53		inferior conj		-11672 May 08 j 07:50	22°♒09'35	-3°28'53	
morning max el	-11673 Jun 10 j 12:06	6°♓04'36	18°20'31	minimum elong		-11672 May 08 j 08:05	22°♒08'57	3°29'19	
	-11673 Jun 26 j 13:43	0°♔		morning rise		-11672 May 14 j 19:19	16°♒55'51		
morning set	-11673 Jun 29 j 10:19	4°♔46'30		direct		-11672 May 17 j 13:22	16°♒18'55		
				morning max el		-11672 May 24 j 01:50	19°♒41'26	18°03'39	
superior conj	-11673 Jul 13 j 14:04	27°♔57'58	1°15'57	asc. node		-11672 May 26 j 18:11	22°♒44'40		
minimum elong	-11673 Jul 13 j 20:41	28°♔24'26	1°15'36			-11672 May 31 j 17:21	0°♓		
	-11673 Jul 14 j 20:34	0°♕		morning set		-11672 Jun 10 j 05:41	16°♓16'08		
max. Earth dist.	-11673 Jul 16 j 22:51	3°♕20'26	1.44323 AU			-11672 Jun 18 j 04:18	0°♔		
desc. node	-11673 Jul 27 j 14:01	20°♕05'26							
evening rise	-11673 Jul 30 j 05:22	24°♕12'56		superior conj		-11672 Jun 22 j 12:35	7°♔18'33	1°40'38	
	-11673 Aug 02 j 22:27	0°♖		minimum elong		-11672 Jun 22 j 16:44	7°♔35'46	1°40'28	
greatest brilliancy	-11673 Aug 10 j 13:33	11°♖45'45	-0.7m	max. Earth dist.		-11672 Jun 28 j 12:26	17°♔08'03	1.43393 AU	
evening max el	-11673 Aug 23 j 20:07	29°♖46'42	19°39'56			-11672 Jul 06 j 14:42	0°♕		

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening rise	-11672 Jul 08 j 06:58	2°♄37'07			-11671 May 24 j 13:43	0°♄	
desc. node	-11672 Jul 13 j 11:27	10°♄37'16					
	-11672 Jul 26 j 12:17	0°♄		superior conj	-11671 Jun 03 j 14:13	17°♄59'55	1°49'17
evening max el	-11672 Aug 05 j 22:15	13°♄13'33	20°42'09	minimum elong	-11671 Jun 03 j 14:40	18°♄01'51	1°49'06
retrograde	-11672 Aug 14 j 00:24	17°♄57'51			-11671 Jun 10 j 15:12	0°♄	
evening set	-11672 Aug 17 j 21:45	16°♄31'24		max. Earth dist.	-11671 Jun 10 j 20:29	0°♄21'56	1.41924 AU
asc. node	-11672 Aug 22 j 19:00	11°♄06'05		evening rise	-11671 Jun 17 j 12:15	11°♄11'53	
inferior conj	-11672 Aug 23 j 06:56	10°♄25'48	0°09'27		-11671 Jun 29 j 17:09	0°♄	
minimum elong	-11672 Aug 23 j 06:43	10°♄26'34	0°09'58	desc. node	-11671 Jun 30 j 08:55	0°♄58'33	
transit middle	-11672 Aug 23 j 06:43	10°♄26'34	0°09'58	evening max el	-11671 Jul 19 j 17:21	26°♄36'02	21°56'14
transit begin	-11672 Aug 23 j 04:32	10°♄33'54			-11671 Jul 23 j 14:52	0°♄	
transit end	-11672 Aug 23 j 08:53	10°♄19'13		retrograde	-11671 Jul 28 j 20:00	1°♄59'45	
min. Earth dist.	-11672 Aug 23 j 22:43	9°♄32'22	0.66788 AU	evening set	-11671 Aug 02 j 06:19	0°♄12'44	
morning rise	-11672 Aug 28 j 15:31	4°♄05'06			-11671 Aug 02 j 12:24	30°♄	
direct	-11672 Sep 02 j 23:12	1°♄49'59		inferior conj	-11671 Aug 07 j 12:26	24°♄01'12	-0°40'19
morning max el	-11672 Sep 14 j 03:31	8°♄31'04	24°21'20	minimum elong	-11671 Aug 07 j 13:16	23°♄58'19	0°39'28
	-11672 Oct 01 j 01:09	0°♄		min. Earth dist.	-11671 Aug 07 j 17:43	23°♄42'56	0.67153 AU
desc. node	-11672 Oct 09 j 09:48	12°♄35'20		asc. node	-11671 Aug 09 j 15:56	21°♄07'27	
morning set	-11672 Oct 19 j 17:17	29°♄32'27		morning rise	-11671 Aug 12 j 20:08	17°♄41'38	
	-11672 Oct 19 j 23:40	0°♄		direct	-11671 Aug 17 j 13:50	15°♄44'41	
max. Earth dist.	-11672 Oct 23 j 17:59	6°♄38'09	1.38338 AU	morning max el	-11671 Aug 27 j 14:49	21°♄47'21	22°57'24
					-11671 Sep 03 j 15:21	0°♄	
superior conj	-11672 Oct 30 j 16:03	19°♄28'50	-1°37'47		-11671 Sep 24 j 09:11	0°♄	
minimum elong	-11672 Oct 30 j 15:05	19°♄24'14	1°37'18	desc. node	-11671 Sep 26 j 06:46	2°♄59'59	
	-11672 Nov 05 j 01:37	0°♄		morning set	-11671 Sep 30 j 14:01	9°♄57'01	
evening rise	-11672 Nov 08 j 07:04	6°♄22'30		max. Earth dist.	-11671 Oct 05 j 17:14	18°♄33'05	1.40321 AU
asc. node	-11672 Nov 18 j 17:43	25°♄22'31			-11671 Oct 12 j 05:39	0°♄	
	-11672 Nov 22 j 00:41	0°♄					
evening max el	-11672 Nov 24 j 23:57	3°♄17'49	19°00'23	superior conj	-11671 Oct 13 j 07:42	1°♄57'58	-1°28'22
retrograde	-11672 Dec 03 j 13:06	7°♄23'49		minimum elong	-11671 Oct 13 j 04:48	1°♄44'46	1°27'36
evening set	-11672 Dec 06 j 01:04	7°♄04'16		evening rise	-11671 Oct 22 j 23:13	20°♄01'46	
inferior conj	-11672 Dec 14 j 00:33	2°♄45'12	4°13'12		-11671 Oct 28 j 07:13	0°♄	
minimum elong	-11672 Dec 14 j 02:13	2°♄42'15	4°13'06	asc. node	-11671 Nov 05 j 15:02	13°♄10'51	
min. Earth dist.	-11672 Dec 17 j 01:07	0°♄37'15	0.57701 AU	evening max el	-11671 Nov 08 j 03:44	16°♄00'49	18°24'12
	-11672 Dec 17 j 23:28	30°♄		retrograde	-11671 Nov 15 j 16:25	19°♄44'47	
morning rise	-11672 Dec 22 j 01:20	27°♄45'45		evening set	-11671 Nov 18 j 03:52	19°♄21'44	
direct	-11672 Dec 27 j 14:03	26°♄33'32		inferior conj	-11671 Nov 25 j 14:32	14°♄42'01	4°13'31
desc. node	-11671 Jan 05 j 11:20	29°♄33'50		minimum elong	-11671 Nov 25 j 12:50	14°♄45'31	4°13'37
	-11671 Jan 06 j 02:54	0°♄		min. Earth dist.	-11671 Nov 28 j 19:29	12°♄05'24	0.59483 AU
morning max el	-11671 Jan 10 j 14:57	3°♄43'38	25°26'32	morning rise	-11671 Dec 02 j 20:05	9°♄21'03	
	-11671 Jan 29 j 09:15	0°♄		direct	-11671 Dec 09 j 08:38	7°♄30'46	
morning set	-11671 Feb 06 j 19:50	16°♄33'54		desc. node	-11671 Dec 23 j 08:00	14°♄47'27	
	-11671 Feb 13 j 01:41	0°♄		morning max el	-11671 Dec 23 j 09:45	14°♄51'37	26°40'27
					-11670 Jan 04 j 16:36	0°♄	
superior conj	-11671 Feb 13 j 19:04	1°♄34'35	-0°08'07		-11670 Jan 21 j 12:29	0°♄	
minimum elong	-11671 Feb 13 j 19:26	1°♄36'32	0°08'36	morning set	-11670 Jan 22 j 06:40	1°♄34'19	
behind sun begin	-11671 Feb 13 j 15:11	1°♄13'24					
behind sun end	-11671 Feb 13 j 23:41	1°♄59'39		superior conj	-11670 Jan 29 j 06:50	16°♄38'38	-0°30'31
max. Earth dist.	-11671 Feb 14 j 17:16	3°♄35'08	1.33009 AU	minimum elong	-11670 Jan 29 j 08:02	16°♄45'13	0°30'45
asc. node	-11671 Feb 14 j 15:25	3°♄25'06		max. Earth dist.	-11670 Jan 29 j 06:33	16°♄37'06	1.32784 AU
evening rise	-11671 Feb 21 j 01:16	17°♄00'37		asc. node	-11670 Feb 01 j 12:40	23°♄42'22	
	-11671 Feb 27 j 16:56	0°♄			-11670 Feb 04 j 11:23	0°♄	
	-11671 Mar 19 j 08:18	0°♄		evening rise	-11670 Feb 05 j 08:47	1°♄51'59	
evening max el	-11671 Mar 24 j 10:37	5°♄30'01	27°10'30		-11670 Feb 20 j 19:30	0°♄	
desc. node	-11671 Apr 03 j 11:45	12°♄18'45		evening max el	-11670 Mar 06 j 11:45	17°♄15'58	26°21'47
retrograde	-11671 Apr 07 j 11:17	13°♄00'21		retrograde	-11670 Mar 20 j 14:55	24°♄37'42	
evening set	-11671 Apr 14 j 03:11	10°♄55'51		desc. node	-11670 Mar 21 j 08:52	24°♄36'17	
min. Earth dist.	-11671 Apr 17 j 23:22	8°♄02'19	0.61178 AU	evening set	-11670 Mar 26 j 13:59	23°♄07'45	
inferior conj	-11671 Apr 21 j 04:28	5°♄08'40	-3°20'26	min. Earth dist.	-11670 Mar 31 j 01:08	20°♄17'04	0.59184 AU
minimum elong	-11671 Apr 21 j 02:54	5°♄12'13	3°20'51	inferior conj	-11670 Apr 03 j 09:08	17°♄40'31	-2°48'58
morning rise	-11671 Apr 28 j 04:35	0°♄14'34		minimum elong	-11670 Apr 03 j 05:53	17°♄46'55	2°49'01
	-11671 Apr 28 j 23:47	30°♄		morning rise	-11670 Apr 11 j 00:43	13°♄06'22	
direct	-11671 Apr 30 j 18:15	29°♄46'34		direct	-11670 Apr 13 j 10:01	12°♄45'57	
	-11671 May 02 j 12:11	0°♄		morning max el	-11670 Apr 21 j 01:36	16°♄27'09	18°26'04
morning max el	-11671 May 07 j 15:17	3°♄11'44	18°05'20	asc. node	-11670 Apr 30 j 11:54	29°♄41'02	
asc. node	-11671 May 13 j 15:02	10°♄52'46			-11670 Apr 30 j 16:15	0°♄	
morning set	-11671 May 23 j 21:26	28°♄45'32		morning set	-11670 May 07 j 04:46	12°♄03'26	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11670 May 16 j 16:19	29° \approx 55'20	1°45'10	asc. node	-11669 Apr 17 j 08:49	19° \approx 00'05	
minimum elong	-11670 May 16 j 14:17	29° \approx 46'00	1°44'43	morning set	-11669 Apr 20 j 23:34	26° \approx 00'07	
	-11670 May 16 j 17:20	0° \approx			-11669 Apr 23 j 00:10	0° \approx	
max. Earth dist.	-11670 May 23 j 22:36	12° \approx 52'15	1.40133 AU				
evening rise	-11670 May 28 j 16:04	20° \approx 53'14		superior conj	-11669 Apr 29 j 13:32	12° \approx 50'53	1°32'16
	-11670 Jun 03 j 06:36	0° \approx		minimum elong	-11669 Apr 29 j 10:32	12° \approx 36'30	1°31'29
desc. node	-11670 Jun 17 j 06:24	21° \approx 03'46		max. Earth dist.	-11669 May 05 j 22:49	24° \approx 48'08	1.38266 AU
	-11670 Jun 23 j 19:47	0° \approx			-11669 May 08 j 20:30	0° \approx	
evening max el	-11670 Jul 02 j 06:30	9° \approx 55'33	23°17'32	evening rise	-11669 May 09 j 23:34	1° \approx 58'45	
retrograde	-11670 Jul 12 j 13:00	16° \approx 01'31			-11669 May 27 j 11:14	0° \approx	
evening set	-11670 Jul 17 j 13:37	13° \approx 53'22		desc. node	-11669 Jun 04 j 03:51	10° \approx 46'21	
inferior conj	-11670 Jul 22 j 18:47	7° \approx 38'30	-1°26'31	evening max el	-11669 Jun 14 j 16:41	23° \approx 16'39	24°39'03
minimum elong	-11670 Jul 22 j 20:27	7° \approx 32'46	1°25'33		-11669 Jun 25 j 20:09	0° \approx	
min. Earth dist.	-11670 Jul 22 j 13:28	7° \approx 56'52	0.67226 AU	retrograde	-11669 Jun 26 j 02:20	0° \approx 00'17	
asc. node	-11670 Jul 27 j 12:49	1° \approx 54'06			-11669 Jun 26 j 08:28	30° \approx 0'0	
morning rise	-11670 Jul 28 j 03:12	1° \approx 23'47		evening set	-11669 Jul 01 j 17:47	27° \approx 32'50	
	-11670 Jul 30 j 16:19	30° \approx 0'0		min. Earth dist.	-11669 Jul 06 j 07:31	22° \approx 13'17	0.66986 AU
direct	-11670 Aug 01 j 08:19	29° \approx 44'59		inferior conj	-11669 Jul 07 j 00:14	21° \approx 17'02	-2°07'47
	-11670 Aug 03 j 01:50	0° \approx		minimum elong	-11669 Jul 07 j 02:26	21° \approx 09'37	2°06'54
morning max el	-11670 Aug 10 j 05:59	5° \approx 05'01	21°35'42	morning rise	-11669 Jul 12 j 11:02	15° \approx 10'38	
	-11670 Aug 28 j 21:28	0° \approx		asc. node	-11669 Jul 14 j 09:40	14° \approx 07'40	
morning set	-11670 Sep 10 j 08:55	19° \approx 07'36		direct	-11669 Jul 16 j 05:24	13° \approx 48'45	
desc. node	-11670 Sep 13 j 03:48	23° \approx 33'36		morning max el	-11669 Jul 24 j 03:12	18° \approx 28'17	20°22'39
	-11670 Sep 17 j 03:09	0° \approx			-11669 Aug 02 j 05:08	0° \approx	
max. Earth dist.	-11670 Sep 17 j 20:45	1° \approx 12'15	1.42156 AU	morning set	-11669 Aug 20 j 12:31	27° \approx 36'58	
					-11669 Aug 22 j 01:14	0° \approx	
superior conj	-11670 Sep 25 j 01:33	13° \approx 20'04	-1°07'21	desc. node	-11669 Aug 31 j 00:54	14° \approx 12'36	
minimum elong	-11670 Sep 24 j 21:18	13° \approx 01'42	1°06'16	max. Earth dist.	-11669 Aug 31 j 06:53	14° \approx 36'38	1.43588 AU
	-11670 Oct 04 j 11:06	0° \approx					
evening rise	-11670 Oct 06 j 03:24	3° \approx 02'56		superior conj	-11669 Sep 05 j 16:36	23° \approx 23'17	-0°33'36
evening max el	-11670 Oct 22 j 13:44	29° \approx 05'39	18°08'09	minimum elong	-11669 Sep 05 j 13:22	23° \approx 10'01	0°32'33
asc. node	-11670 Oct 23 j 12:17	29° \approx 05'33			-11669 Sep 09 j 16:18	0° \approx	
	-11670 Oct 23 j 12:57	0° \approx		evening rise	-11669 Sep 18 j 15:04	15° \approx 15'34	
retrograde	-11670 Oct 29 j 11:19	2° \approx 39'07			-11669 Sep 27 j 05:56	0° \approx	
evening set	-11670 Oct 31 j 23:56	2° \approx 10'50		evening max el	-11669 Oct 06 j 02:56	12° \approx 24'46	18°11'14
	-11670 Nov 04 j 16:45	30° \approx 0'0		asc. node	-11669 Oct 10 j 09:30	15° \approx 02'41	
inferior conj	-11670 Nov 07 j 22:27	27° \approx 09'48	3°49'19	retrograde	-11669 Oct 12 j 17:54	15° \approx 57'53	
minimum elong	-11670 Nov 07 j 18:58	27° \approx 17'58	3°49'07	evening set	-11669 Oct 15 j 09:42	15° \approx 22'12	
min. Earth dist.	-11670 Nov 10 j 21:04	24° \approx 25'11	0.61333 AU	inferior conj	-11669 Oct 21 j 21:09	10° \approx 01'31	3°10'10
morning rise	-11670 Nov 14 j 12:44	21° \approx 30'55		minimum elong	-11669 Oct 21 j 17:23	10° \approx 11'29	3°09'43
direct	-11670 Nov 21 j 13:01	19° \approx 09'26		min. Earth dist.	-11669 Oct 24 j 08:05	7° \approx 26'39	0.63034 AU
morning max el	-11670 Dec 05 j 10:43	26° \approx 36'50	27°24'21	morning rise	-11669 Oct 28 j 00:11	4° \approx 07'25	
	-11670 Dec 08 j 17:00	0° \approx		direct	-11669 Nov 04 j 01:03	1° \approx 28'02	
desc. node	-11670 Dec 10 j 04:40	1° \approx 41'36		morning max el	-11669 Nov 17 j 17:08	8° \approx 59'31	27°33'42
	-11670 Dec 29 j 02:32	0° \approx		desc. node	-11669 Nov 27 j 01:18	19° \approx 47'50	
morning set	-11669 Jan 06 j 13:55	16° \approx 22'27			-11669 Dec 04 j 05:00	0° \approx	
	-11669 Jan 12 j 23:50	0° \approx			-11669 Dec 21 j 05:19	0° \approx	
max. Earth dist.	-11669 Jan 12 j 19:00	29° \approx 33'44	1.32893 AU	morning set	-11669 Dec 21 j 15:15	0° \approx 49'45	
				max. Earth dist.	-11669 Dec 27 j 03:00	12° \approx 12'21	1.33367 AU
superior conj	-11669 Jan 13 j 18:27	1° \approx 41'13	-0°51'12				
minimum elong	-11669 Jan 13 j 20:16	1° \approx 51'05	0°51'14	superior conj	-11669 Dec 29 j 04:10	16° \approx 35'25	-1°09'26
asc. node	-11669 Jan 19 j 09:56	13° \approx 54'53		minimum elong	-11669 Dec 29 j 06:16	16° \approx 46'42	1°09'19
evening rise	-11669 Jan 20 j 19:04	16° \approx 50'02			-11668 Jan 04 j 09:53	0° \approx	
	-11669 Jan 27 j 09:43	0° \approx		evening rise	-11668 Jan 05 j 06:20	1° \approx 47'49	
evening max el	-11669 Feb 16 j 07:45	28° \approx 28'39	25°06'29	asc. node	-11668 Jan 06 j 07:14	3° \approx 57'40	
	-11669 Feb 18 j 00:13	0° \approx			-11668 Jan 21 j 01:44	0° \approx	
retrograde	-11669 Mar 02 j 07:46	5° \approx 32'56		evening max el	-11668 Jan 29 j 01:04	9° \approx 21'42	23°35'21
evening set	-11669 Mar 07 j 06:14	4° \approx 36'31		retrograde	-11668 Feb 11 j 11:39	15° \approx 56'19	
desc. node	-11669 Mar 08 j 05:53	4° \approx 12'28		evening set	-11668 Feb 15 j 08:42	15° \approx 23'20	
min. Earth dist.	-11669 Mar 12 j 21:20	1° \approx 35'26	0.57363 AU	min. Earth dist.	-11668 Feb 22 j 13:50	12° \approx 00'41	0.56036 AU
	-11669 Mar 15 j 05:42	30° \approx 0'0		desc. node	-11668 Feb 23 j 02:48	11° \approx 41'17	
inferior conj	-11669 Mar 15 j 18:49	29° \approx 37'33	-1°48'41	inferior conj	-11668 Feb 24 j 09:02	10° \approx 55'39	-0°19'16
minimum elong	-11669 Mar 15 j 15:22	29° \approx 43'26	1°48'26	minimum elong	-11668 Feb 24 j 08:13	10° \approx 56'53	0°19'38
morning rise	-11669 Mar 24 j 03:44	25° \approx 21'17		morning rise	-11668 Mar 04 j 10:03	6° \approx 51'14	
direct	-11669 Mar 26 j 09:08	25° \approx 06'28		direct	-11668 Mar 06 j 14:35	6° \approx 39'03	
morning max el	-11669 Apr 04 j 05:43	29° \approx 18'25	19°06'25	morning max el	-11668 Mar 17 j 00:40	11° \approx 35'00	20°06'33
	-11669 Apr 04 j 22:39	0° \approx			-11668 Mar 29 j 18:18	0° \approx	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

asc. node	-11668 Apr 03 j 05:45	8° Z 41'36			-11667 Mar 05 j 05:15	0° Z	
morning set	-11668 Apr 04 j 02:21	10° Z 25'13		morning set	-11667 Mar 19 j 10:27	25° Z 10'42	
				asc. node	-11667 Mar 21 j 02:46	28° Z 39'37	
superior conj	-11668 Apr 12 j 00:41	26° Z 31'29	1°13'49		-11667 Mar 21 j 18:10	0° Z	
minimum elong	-11668 Apr 11 j 21:48	26° Z 17'01	1°12'50				
	-11668 Apr 13 j 18:36	0° \approx		superior conj	-11667 Mar 26 j 21:49	10° Z 45'36	0°52'09
max. Earth dist.	-11668 Apr 17 j 03:00	6° \approx 30'58	1.36541 AU	minimum elong	-11667 Mar 26 j 19:37	10° Z 34'16	0°51'08
evening rise	-11668 Apr 21 j 06:39	14° \approx 17'04		max. Earth dist.	-11667 Mar 30 j 15:44	18° Z 24'30	1.35108 AU
	-11668 Apr 30 j 07:48	0° X		evening rise	-11667 Apr 04 j 07:36	27° Z 31'56	
desc. node	-11668 May 21 j 01:18	29° X 56'24			-11667 Apr 05 j 14:56	0° \approx	
	-11668 May 21 j 02:29	0° Y			-11667 Apr 23 j 14:24	0° X	
evening max el	-11668 May 27 j 02:31	6° Y 39'09	25°52'33	desc. node	-11667 May 07 j 22:42	18° X 20'21	
retrograde	-11668 Jun 08 j 11:18	13° Y 50'48		evening max el	-11667 May 09 j 13:01	19° X 57'56	26°49'25
evening set	-11668 Jun 14 j 16:41	11° Y 09'02		retrograde	-11667 May 22 j 15:25	27° X 26'21	
min. Earth dist.	-11668 Jun 18 j 21:30	6° Y 28'44	0.66388 AU	evening set	-11667 May 29 j 07:54	24° X 38'59	
inferior conj	-11668 Jun 20 j 02:54	4° Y 54'23	-2°42'42	min. Earth dist.	-11667 Jun 02 j 05:15	20° X 37'34	0.65398 AU
minimum elong	-11668 Jun 20 j 05:16	4° Y 46'48	2°42'07	inferior conj	-11667 Jun 04 j 00:42	18° X 27'33	-3°09'31
	-11668 Jun 24 j 10:27	30° R X		minimum elong	-11667 Jun 04 j 02:43	18° X 21'30	3°09'23
morning rise	-11668 Jun 25 j 17:53	28° X 59'32		morning rise	-11667 Jun 09 j 21:50	12° X 46'58	
direct	-11668 Jun 29 j 03:21	27° X 52'46		direct	-11667 Jun 13 j 00:09	11° X 53'20	
asc. node	-11668 Jun 30 j 06:27	27° X 59'52		asc. node	-11667 Jun 17 j 03:14	13° X 23'03	
	-11668 Jul 04 j 03:09	0° Y		morning max el	-11667 Jun 19 j 16:17	15° X 34'44	18°38'19
morning max el	-11668 Jul 06 j 06:59	1° Y 58'44	19°22'41		-11667 Jun 30 j 03:28	0° Y	
	-11668 Jul 25 j 19:39	0° Z		morning set	-11667 Jul 10 j 00:50	16° Y 01'04	
morning set	-11668 Jul 29 j 20:32	6° Z 20'55			-11667 Jul 18 j 16:30	0° Z	
max. Earth dist.	-11668 Aug 12 j 22:09	28° Z 32'05	1.44420 AU				
	-11668 Aug 13 j 20:18	0° II		superior conj	-11667 Jul 25 j 05:24	10° Z 24'53	0°54'38
superior conj	-11668 Aug 15 j 05:27	2° II 11'44	0°10'08	minimum elong	-11667 Jul 25 j 11:21	10° Z 48'26	0°54'23
minimum elong	-11668 Aug 15 j 06:43	2° II 16'49	0°10'32	max. Earth dist.	-11667 Jul 26 j 14:57	12° Z 37'47	1.44557 AU
behind sun begin	-11668 Aug 14 j 22:02	1° II 42'16		desc. node	-11667 Aug 03 j 19:27	25° Z 34'04	
behind sun end	-11668 Aug 15 j 15:24	2° II 51'23			-11667 Aug 06 j 14:45	0° II	
desc. node	-11668 Aug 16 j 22:07	4° II 53'54		evening rise	-11667 Aug 10 j 15:38	6° II 23'22	
evening rise	-11668 Aug 30 j 04:44	26° II 26'42			-11667 Aug 25 j 20:06	0° III	
	-11668 Sep 01 j 08:28	0° III		evening max el	-11667 Sep 02 j 03:09	9° III 21'25	19°10'42
evening max el	-11668 Sep 18 j 16:21	25° III 51'56	18°32'25	retrograde	-11667 Sep 09 j 03:13	13° III 20'43	
retrograde	-11668 Sep 25 j 08:21	29° III 33'46		evening set	-11667 Sep 12 j 07:54	12° III 21'52	
asc. node	-11668 Sep 26 j 06:38	29° III 28'59		asc. node	-11667 Sep 13 j 03:44	11° III 47'53	
evening set	-11668 Sep 28 j 05:27	28° III 48'05		inferior conj	-11667 Sep 18 j 01:51	6° III 31'10	1°31'25
inferior conj	-11668 Oct 04 j 07:18	23° III 10'42	2°22'46	minimum elong	-11667 Sep 17 j 23:45	6° III 37'43	1°31'19
minimum elong	-11668 Oct 04 j 04:09	23° III 19'53	2°22'21	min. Earth dist.	-11667 Sep 19 j 11:22	4° III 45'58	0.65605 AU
min. Earth dist.	-11668 Oct 06 j 05:14	20° III 57'20	0.64469 AU	morning rise	-11667 Sep 23 j 15:12	0° III 15'57	
morning rise	-11668 Oct 10 j 02:15	17° III 04'16			-11667 Sep 23 j 22:50	30° R II	
direct	-11668 Oct 16 j 19:55	14° III 20'15		direct	-11667 Sep 29 j 21:03	27° II 37'48	
morning max el	-11668 Oct 30 j 02:49	21° III 51'33	27°09'57		-11667 Oct 06 j 13:39	0° III	
	-11668 Nov 06 j 08:57	0° IV		morning max el	-11667 Oct 12 j 13:12	4° III 59'58	26°18'32
desc. node	-11668 Nov 12 j 21:58	8° IV 45'17		desc. node	-11667 Oct 30 j 18:41	28° III 18'27	
	-11668 Nov 26 j 07:34	0° V			-11667 Oct 31 j 21:37	0° IV	
morning set	-11668 Dec 04 j 07:49	14° V 46'47		morning set	-11667 Nov 17 j 11:45	28° IV 01'03	
max. Earth dist.	-11668 Dec 09 j 03:00	24° V 22'53	1.34239 AU		-11667 Nov 18 j 13:06	0° V	
	-11668 Dec 11 j 19:55	0° VI		max. Earth dist.	-11667 Nov 21 j 16:16	6° V 01'29	1.35535 AU
superior conj	-11668 Dec 12 j 10:06	1° VI 14'37	-1°24'17	superior conj	-11667 Nov 26 j 09:52	15° V 30'19	-1°34'36
minimum elong	-11668 Dec 12 j 12:04	1° VI 24'58	1°24'04	minimum elong	-11667 Nov 26 j 11:10	15° V 36'57	1°34'19
evening rise	-11668 Dec 19 j 16:57	16° VI 39'21			-11667 Dec 03 j 10:01	0° VI	
asc. node	-11668 Dec 23 j 04:33	23° VI 45'23		evening rise	-11667 Dec 04 j 01:09	1° VI 17'54	
	-11668 Dec 26 j 10:53	0° VII		asc. node	-11667 Dec 10 j 01:54	13° VI 10'59	
evening max el	-11667 Jan 09 j 20:37	20° VII 18'06	22°01'57		-11667 Dec 21 j 08:31	0° VII	
retrograde	-11667 Jan 22 j 05:05	26° VII 11'03		evening max el	-11667 Dec 22 j 23:38	1° VII 38'13	20°37'56
evening set	-11667 Jan 25 j 07:13	25° VII 49'53		retrograde	-11666 Jan 02 j 20:13	6° VII 43'59	
inferior conj	-11667 Feb 03 j 09:17	21° VII 44'31	1°25'37	evening set	-11666 Jan 05 j 12:35	6° VII 26'36	
minimum elong	-11667 Feb 03 j 12:51	21° VII 39'25	1°24'01	inferior conj	-11666 Jan 14 j 07:23	2° VII 27'24	2°58'55
min. Earth dist.	-11667 Feb 03 j 04:23	21° VII 51'30	0.55459 AU	minimum elong	-11666 Jan 14 j 13:10	2° VII 18'52	2°57'13
desc. node	-11667 Feb 08 j 23:38	18° VII 50'12		min. Earth dist.	-11666 Jan 15 j 18:05	1° VII 36'16	0.55744 AU
morning rise	-11667 Feb 12 j 18:58	17° VII 39'12			-11666 Jan 18 j 15:28	30° R VI	
direct	-11667 Feb 15 j 07:22	17° VII 24'49		morning rise	-11666 Jan 23 j 12:18	28° VI 05'27	
morning max el	-11667 Feb 27 j 08:35	23° VII 11'40	21°25'12	direct	-11666 Jan 26 j 22:55	27° VI 39'23	
				desc. node	-11666 Jan 26 j 20:24	27° VI 39'24	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11666 Feb 03 j 19:59	0°♌		morning max el	-11665 Jan 21 j 21:10	14°♊52'39	24°34'33
morning max el	-11666 Feb 09 j 06:01	4°♌11'44	22°57'49		-11665 Feb 02 j 19:27	0°♌	
	-11666 Feb 26 j 20:38	0°♌		morning set	-11665 Feb 16 j 10:13	25°♌13'49	
morning set	-11666 Mar 03 j 21:43	10°♌09'18			-11665 Feb 18 j 16:08	0°♌	
asc. node	-11666 Mar 07 j 23:51	18°♌49'02		asc. node	-11665 Feb 22 j 21:01	9°♌04'54	
superior conj	-11666 Mar 11 j 01:51	25°♌23'39	0°28'55	superior conj	-11665 Feb 23 j 10:22	10°♌17'06	0°05'20
minimum elong	-11666 Mar 11 j 00:37	25°♌17'09	0°28'02	minimum elong	-11665 Feb 23 j 10:10	10°♌16'02	0°04'41
	-11666 Mar 13 j 06:14	0°♌		behind sun begin	-11665 Feb 23 j 05:16	9°♌49'33	
max. Earth dist.	-11666 Mar 13 j 14:32	0°♌43'25	1.34020 AU	behind sun end	-11665 Feb 23 j 15:04	10°♌42'30	
evening rise	-11666 Mar 18 j 21:28	11°♌28'37		max. Earth dist.	-11665 Feb 24 j 21:41	13°♌27'23	1.33282 AU
	-11666 Mar 28 j 23:02	0°♌		evening rise	-11665 Mar 02 j 20:23	25°♌54'14	
	-11666 Apr 19 j 00:37	0°♌			-11665 Mar 04 j 21:36	0°♌	
evening max el	-11666 Apr 21 j 23:39	3°♌04'34	27°21'56		-11665 Mar 22 j 10:53	0°♌	
desc. node	-11666 Apr 24 j 20:01	5°♌39'39		evening max el	-11665 Apr 04 j 08:26	15°♌47'16	27°24'14
retrograde	-11666 May 05 j 14:14	10°♌39'20		desc. node	-11665 Apr 11 j 17:16	21°♌27'44	
evening set	-11666 May 12 j 12:35	7°♌58'32		retrograde	-11665 Apr 18 j 06:35	23°♌20'29	
min. Earth dist.	-11666 May 16 j 05:09	4°♌31'21	0.64013 AU	evening set	-11665 Apr 25 j 03:22	20°♌59'39	
inferior conj	-11666 May 18 j 15:13	1°♌52'57	-3°25'46	min. Earth dist.	-11665 Apr 28 j 20:08	17°♌57'19	0.62283 AU
minimum elong	-11666 May 18 j 16:17	1°♌50'00	3°26'02	inferior conj	-11665 May 01 j 19:23	15°♌04'03	-3°27'46
	-11666 May 20 j 09:37	30°♌		minimum elong	-11665 May 01 j 18:54	15°♌05'13	3°28'15
morning rise	-11666 May 24 j 20:44	26°♌28'52		morning rise	-11665 May 08 j 11:52	9°♌58'18	
direct	-11666 May 27 j 17:23	25°♌46'26		direct	-11665 May 11 j 03:55	9°♌25'25	
morning max el	-11666 Jun 03 j 05:07	29°♌13'08	18°11'06	morning max el	-11665 May 17 j 19:03	12°♌47'56	18°01'59
	-11666 Jun 03 j 23:06	0°♌		asc. node	-11665 May 21 j 20:50	17°♌42'04	
asc. node	-11666 Jun 04 j 00:01	0°♌02'30			-11665 May 29 j 11:57	0°♌	
morning set	-11666 Jun 21 j 06:32	26°♌51'53		morning set	-11665 Jun 03 j 11:12	8°♌48'19	
	-11666 Jun 23 j 02:48	0°♌					
superior conj	-11666 Jul 04 j 14:54	19°♌07'34	1°28'28	superior conj	-11665 Jun 15 j 00:49	29°♌01'41	1°46'07
minimum elong	-11666 Jul 04 j 20:52	19°♌31'49	1°28'12	minimum elong	-11665 Jun 15 j 03:19	29°♌12'21	1°45'59
max. Earth dist.	-11666 Jul 09 j 06:07	26°♌35'37	1.43997 AU	max. Earth dist.	-11665 Jun 21 j 17:11	10°♌09'07	1.42826 AU
	-11666 Jul 11 j 09:26	0°♌		evening rise	-11665 Jun 30 j 01:45	23°♌30'43	
evening rise	-11666 Jul 21 j 01:32	15°♌10'37			-11665 Jul 04 j 06:00	0°♌	
desc. node	-11666 Jul 21 j 16:52	16°♌10'08		desc. node	-11665 Jul 08 j 14:19	6°♌37'48	
	-11666 Jul 30 j 16:48	0°♌			-11665 Jul 24 j 23:17	0°♌	
evening max el	-11666 Aug 16 j 09:00	22°♌50'16	20°04'45	evening max el	-11665 Jul 30 j 08:14	6°♌15'17	21°12'30
retrograde	-11666 Aug 23 j 23:53	27°♌15'42		retrograde	-11665 Aug 07 j 20:13	11°♌15'22	
evening set	-11666 Aug 27 j 14:27	26°♌00'23		evening set	-11665 Aug 11 j 22:51	9°♌40'32	
asc. node	-11666 Aug 31 j 00:45	22°♌38'37		inferior conj	-11665 Aug 17 j 06:31	3°♌32'20	-0°12'01
inferior conj	-11666 Sep 02 j 02:19	19°♌59'30	0°39'09	minimum elong	-11665 Aug 17 j 06:45	3°♌31'30	0°11'20
minimum elong	-11666 Sep 02 j 01:25	20°♌02'28	0°39'27	transit middle	-11665 Aug 17 j 06:45	3°♌31'30	0°11'20
min. Earth dist.	-11666 Sep 03 j 00:25	18°♌46'17	0.66443 AU	transit begin	-11665 Aug 17 j 04:48	3°♌38'13	
morning rise	-11666 Sep 07 j 12:07	13°♌39'32		transit end	-11665 Aug 17 j 08:43	3°♌24'47	
direct	-11666 Sep 13 j 04:08	11°♌14'31		min. Earth dist.	-11665 Aug 17 j 17:53	2°♌53'25	0.66985 AU
morning max el	-11666 Sep 24 j 23:01	18°♌14'32	25°07'26	asc. node	-11665 Aug 17 j 21:43	2°♌40'19	
	-11666 Oct 04 j 22:03	0°♌			-11665 Aug 19 j 22:40	30°♌	
desc. node	-11666 Oct 17 j 15:31	18°♌17'20		morning rise	-11665 Aug 22 j 14:31	27°♌11'38	
	-11666 Oct 24 j 22:28	0°♌		direct	-11665 Aug 27 j 16:14	25°♌03'51	
morning set	-11666 Oct 30 j 22:16	10°♌19'16			-11665 Sep 05 j 20:19	0°♌	
max. Earth dist.	-11666 Nov 03 j 19:21	17°♌21'45	1.37232 AU	morning max el	-11665 Sep 07 j 08:55	1°♌29'14	23°45'41
					-11665 Sep 28 j 23:04	0°♌	
superior conj	-11666 Nov 10 j 00:29	29°♌14'01	-1°38'50	desc. node	-11665 Oct 04 j 12:27	8°♌34'09	
minimum elong	-11666 Nov 10 j 00:31	29°♌14'10	1°38'28	morning set	-11665 Oct 12 j 09:56	21°♌27'24	
	-11666 Nov 10 j 09:50	0°♌		max. Earth dist.	-11665 Oct 16 j 17:53	28°♌55'04	1.39183 AU
evening rise	-11666 Nov 18 j 05:04	15°♌38'17			-11665 Oct 17 j 08:38	0°♌	
	-11666 Nov 25 j 17:40	0°♌					
asc. node	-11666 Nov 26 j 23:16	2°♌06'48		superior conj	-11665 Oct 24 j 01:58	12°♌14'26	-1°35'04
evening max el	-11666 Dec 05 j 12:50	13°♌32'19	19°30'25	minimum elong	-11665 Oct 24 j 00:11	12°♌06'06	1°34'29
retrograde	-11666 Dec 14 j 20:14	17°♌56'14		evening rise	-11665 Nov 02 j 02:19	29°♌34'28	
evening set	-11666 Dec 17 j 09:09	17°♌38'07			-11665 Nov 02 j 07:35	0°♌	
inferior conj	-11666 Dec 25 j 16:07	13°♌29'37	3°57'35	asc. node	-11665 Nov 13 j 20:35	20°♌23'10	
minimum elong	-11666 Dec 25 j 19:56	13°♌23'22	3°56'59	evening max el	-11665 Nov 18 j 11:54	25°♌59'25	18°42'34
min. Earth dist.	-11666 Dec 28 j 07:42	11°♌45'57	0.56820 AU	retrograde	-11665 Nov 26 j 13:11	29°♌54'05	
morning rise	-11665 Jan 03 j 04:33	8°♌43'44		evening set	-11665 Nov 29 j 00:57	29°♌33'05	
direct	-11665 Jan 07 j 23:30	7°♌51'31		inferior conj	-11665 Dec 06 j 18:55	25°♌05'38	4°17'02
desc. node	-11665 Jan 13 j 17:07	9°♌07'06		minimum elong	-11665 Dec 06 j 19:00	25°♌05'28	4°17'07

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

min. Earth dist.	-11665 Dec 09 j 23:07	22° \mathbb{M} 43'04	0.58435 AU	min. Earth dist.	-11664 Nov 20 j 19:53	4° \mathbb{M} 34'02	0.60275 AU
morning rise	-11665 Dec 14 j 11:11	19° \mathbb{M} 56'57		morning rise	-11664 Nov 24 j 15:22	1° \mathbb{M} 47'22	
direct	-11665 Dec 20 j 11:43	18° \mathbb{M} 28'12			-11664 Nov 28 j 21:50	30° \mathbb{R} Ω	
desc. node	-11665 Dec 31 j 13:48	23° \mathbb{M} 07'24		direct	-11664 Dec 01 j 10:20	29° Ω 42'50	
morning max el	-11664 Jan 03 j 12:52	25° \mathbb{M} 43'08	26°01'07		-11664 Dec 03 j 24:00	0° \mathbb{M}	
	-11664 Jan 07 j 13:53	0° Ω		morning max el	-11664 Dec 15 j 10:14	7° \mathbb{M} 05'59	27°03'23
	-11664 Jan 26 j 19:46	0° \mathbb{M}		desc. node	-11664 Dec 17 j 10:28	9° \mathbb{M} 07'33	
morning set	-11664 Jan 31 j 22:11	10° \mathbb{M} 18'00			-11663 Jan 01 j 18:42	0° Ω	
				morning set	-11663 Jan 15 j 07:44	25° Ω 13'56	
					-11663 Jan 17 j 14:09	0° \mathbb{M}	
superior conj	-11664 Feb 07 j 21:27	25° \mathbb{M} 19'22	-0°17'46	superior conj	-11663 Jan 22 j 09:19	10° \mathbb{M} 23'04	-0°39'33
minimum elong	-11664 Feb 07 j 22:12	25° \mathbb{M} 23'24	0°18'09	minimum elong	-11663 Jan 22 j 10:49	10° \mathbb{M} 31'15	0°39'41
max. Earth dist.	-11664 Feb 08 j 09:57	26° \mathbb{M} 27'28	1.32874 AU	max. Earth dist.	-11663 Jan 21 j 23:31	9° \mathbb{M} 29'35	1.32790 AU
asc. node	-11664 Feb 09 j 18:14	29° \mathbb{M} 23'08		asc. node	-11663 Jan 26 j 15:29	19° \mathbb{M} 38'41	
	-11664 Feb 10 j 01:02	0° \mathbb{M}		evening rise	-11663 Jan 29 j 10:23	25° \mathbb{M} 33'53	
evening rise	-11664 Feb 15 j 01:28	10° \mathbb{M} 39'05			-11663 Jan 31 j 14:03	0° \mathbb{M}	
	-11664 Feb 25 j 04:58	0° \mathbb{M}			-11663 Feb 18 j 07:17	0° \mathbb{M}	
evening max el	-11664 Mar 16 j 13:01	27° \mathbb{M} 56'05	26°53'38	evening max el	-11663 Feb 26 j 11:45	9° \mathbb{M} 26'09	25°52'25
	-11664 Mar 18 j 19:54	0° \mathbb{M}		retrograde	-11663 Mar 12 j 14:03	16° \mathbb{M} 41'21	
desc. node	-11664 Mar 28 j 14:24	5° \mathbb{M} 11'58		desc. node	-11663 Mar 15 j 11:26	16° \mathbb{M} 20'49	
retrograde	-11664 Mar 30 j 15:05	5° \mathbb{M} 22'39		evening set	-11663 Mar 18 j 03:35	15° \mathbb{M} 26'10	
evening set	-11664 Apr 06 j 01:00	3° \mathbb{M} 32'38		min. Earth dist.	-11663 Mar 23 j 00:58	12° \mathbb{M} 32'49	0.58375 AU
min. Earth dist.	-11664 Apr 10 j 02:13	0° \mathbb{M} 42'01	0.60333 AU	inferior conj	-11663 Mar 26 j 06:31	10° \mathbb{M} 10'24	-2°27'10
	-11664 Apr 10 j 22:31	30° \mathbb{R} \mathbb{M}		minimum elong	-11663 Mar 26 j 02:54	10° \mathbb{M} 17'06	2°27'02
inferior conj	-11664 Apr 13 j 09:42	27° \mathbb{M} 53'09	-3°10'20	morning rise	-11663 Apr 03 j 05:21	5° \mathbb{M} 44'26	
minimum elong	-11664 Apr 13 j 07:21	27° \mathbb{M} 58'11	3°10'38	direct	-11663 Apr 05 j 13:04	5° \mathbb{M} 26'34	
morning rise	-11664 Apr 20 j 16:02	23° \mathbb{M} 07'13		morning max el	-11663 Apr 13 j 15:27	9° \mathbb{M} 18'32	18°40'52
direct	-11664 Apr 23 j 03:58	22° \mathbb{M} 42'30		asc. node	-11663 Apr 24 j 14:54	25° \mathbb{M} 10'37	
morning max el	-11664 Apr 30 j 07:28	26° \mathbb{M} 12'45	18°11'43		-11663 Apr 27 j 04:56	0° \mathbb{M}	
	-11664 May 03 j 14:41	0° \mathbb{M}		morning set	-11663 Apr 29 j 22:51	5° \mathbb{M} 15'40	
asc. node	-11664 May 07 j 17:42	6° \mathbb{M} 08'36					
morning set	-11664 May 16 j 10:12	21° \mathbb{M} 40'12		superior conj	-11663 May 09 j 00:23	22° \mathbb{M} 38'59	1°40'33
	-11664 May 20 j 21:50	0° \mathbb{M}		minimum elong	-11663 May 08 j 21:47	22° \mathbb{M} 26'48	1°39'59
superior conj	-11664 May 26 j 13:28	10° \mathbb{M} 16'02	1°48'51		-11663 May 13 j 00:05	0° \mathbb{M}	
minimum elong	-11664 May 26 j 12:39	10° \mathbb{M} 12'27	1°48'35	max. Earth dist.	-11663 May 16 j 00:07	5° \mathbb{M} 22'02	1.39335 AU
max. Earth dist.	-11664 Jun 02 j 23:02	23° \mathbb{M} 06'39	1.41199 AU	evening rise	-11663 May 20 j 06:52	12° \mathbb{M} 46'32	
	-11664 Jun 07 j 02:27	0° \mathbb{M}			-11663 May 30 j 22:01	0° \mathbb{M}	
evening rise	-11664 Jun 08 j 15:12	2° \mathbb{M} 29'41		desc. node	-11663 Jun 11 j 09:11	16° \mathbb{M} 49'23	
desc. node	-11664 Jun 24 j 11:46	26° \mathbb{M} 52'47			-11663 Jun 21 j 18:03	0° \mathbb{M}	
	-11664 Jun 26 j 15:38	0° \mathbb{M}		evening max el	-11663 Jun 24 j 12:07	2° \mathbb{M} 56'20	23°52'32
evening max el	-11664 Jul 12 j 00:41	19° \mathbb{M} 36'35	22°30'16	retrograde	-11663 Jul 05 j 06:17	9° \mathbb{M} 19'11	
retrograde	-11664 Jul 21 j 14:43	25° \mathbb{M} 17'32		evening set	-11663 Jul 10 j 13:20	7° \mathbb{M} 02'07	
evening set	-11664 Jul 26 j 07:06	23° \mathbb{M} 21'24		inferior conj	-11663 Jul 15 j 18:45	0° \mathbb{M} 46'33	-1°44'42
inferior conj	-11664 Jul 31 j 12:34	17° \mathbb{M} 08'20	-1°00'26	minimum elong	-11663 Jul 15 j 20:41	0° \mathbb{M} 39'55	1°43'45
minimum elong	-11664 Jul 31 j 13:47	17° \mathbb{M} 04'07	0°59'31	min. Earth dist.	-11663 Jul 15 j 08:37	1° \mathbb{M} 21'13	0.67168 AU
min. Earth dist.	-11664 Jul 31 j 13:23	17° \mathbb{M} 05'30	0.67231 AU		-11663 Jul 16 j 08:24	30° \mathbb{R} \mathbb{M}	
asc. node	-11664 Aug 03 j 18:38	12° \mathbb{M} 53'56		morning rise	-11663 Jul 21 j 04:00	24° \mathbb{M} 35'12	
morning rise	-11664 Aug 05 j 20:24	10° \mathbb{M} 50'38		asc. node	-11663 Jul 21 j 15:29	24° \mathbb{M} 14'34	
direct	-11664 Aug 10 j 08:37	9° \mathbb{M} 01'28		direct	-11663 Jul 25 j 04:16	23° \mathbb{M} 04'00	
morning max el	-11664 Aug 19 j 21:29	14° \mathbb{M} 45'19	22°21'53	morning max el	-11663 Aug 02 j 15:16	28° \mathbb{M} 06'04	21°03'19
	-11664 Sep 01 j 01:26	0° \mathbb{M}			-11663 Aug 04 j 09:12	0° \mathbb{M}	
desc. node	-11664 Sep 20 j 09:26	29° \mathbb{M} 02'55			-11663 Aug 25 j 16:38	0° \mathbb{M}	
	-11664 Sep 20 j 23:42	0° \mathbb{M}		morning set	-11663 Sep 01 j 05:42	10° \mathbb{M} 06'24	
morning set	-11664 Sep 21 j 19:09	1° \mathbb{M} 18'10		desc. node	-11663 Sep 07 j 06:29	19° \mathbb{M} 39'28	
max. Earth dist.	-11664 Sep 27 j 18:59	11° \mathbb{M} 09'45	1.41140 AU	max. Earth dist.	-11663 Sep 10 j 01:48	24° \mathbb{M} 11'19	1.42828 AU
					-11663 Sep 13 j 14:43	0° \mathbb{M}	
superior conj	-11664 Oct 05 j 09:04	24° \mathbb{M} 16'51	-1°20'59	superior conj	-11663 Sep 16 j 16:00	5° \mathbb{M} 06'29	-0°54'34
minimum elong	-11664 Oct 05 j 05:26	24° \mathbb{M} 00'40	1°20'04	minimum elong	-11663 Sep 16 j 11:46	4° \mathbb{M} 48'37	0°53'25
	-11664 Oct 08 j 13:24	0° \mathbb{M}		evening rise	-11663 Sep 28 j 11:43	25° \mathbb{M} 41'20	
evening rise	-11664 Oct 15 j 13:51	12° \mathbb{M} 58'38			-11663 Sep 30 j 21:52	0° \mathbb{M}	
	-11664 Oct 25 j 02:38	0° \mathbb{M}		evening max el	-11663 Oct 15 j 06:19	22° \mathbb{M} 03'49	18°07'07
asc. node	-11664 Oct 30 j 17:52	7° \mathbb{M} 47'25		asc. node	-11663 Oct 17 j 15:06	24° \mathbb{M} 04'36	
evening max el	-11664 Oct 31 j 18:39	8° \mathbb{M} 52'20	18°14'57	retrograde	-11663 Oct 22 j 00:16	25° \mathbb{M} 36'23	
retrograde	-11664 Nov 07 j 23:43	12° \mathbb{M} 30'36		evening set	-11663 Oct 24 j 13:53	25° \mathbb{M} 05'20	
evening set	-11664 Nov 10 j 11:30	12° \mathbb{M} 05'26		inferior conj	-11663 Oct 31 j 07:31	19° \mathbb{M} 55'29	3°34'08
inferior conj	-11664 Nov 17 j 16:50	7° \mathbb{M} 16'11	4°05'39				
minimum elong	-11664 Nov 17 j 14:10	7° \mathbb{M} 21'59	4°05'38				

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

minimum elong	-11663 Oct 31 j 03:46	20°Ω04'46	3°33'46	minimum elong	-11662 Oct 14 j 07:54	3°Ω05'14	2°50'18
min. Earth dist.	-11663 Nov 03 j 01:27	17°Ω13'09	0.62080 AU	min. Earth dist.	-11662 Oct 16 j 17:02	0°Ω28'07	0.63682 AU
morning rise	-11663 Nov 06 j 16:32	14°Ω09'27			-11662 Oct 17 j 03:36	30°℞☿	
direct	-11663 Nov 13 j 18:00	11°Ω38'49		morning rise	-11662 Oct 20 j 10:43	26°☿55'23	
morning max el	-11663 Nov 27 j 14:03	19°Ω08'45	27°32'38	direct	-11662 Oct 27 j 09:18	24°☿12'11	
desc. node	-11663 Dec 04 j 07:08	26°Ω35'25			-11662 Nov 08 j 00:59	0°Ω	
	-11663 Dec 06 j 22:46	0°℞		morning max el	-11662 Nov 09 j 22:12	1°Ω45'13	27°27'16
	-11663 Dec 25 j 11:59	0°Ω		desc. node	-11662 Nov 21 j 03:48	15°Ω05'25	
morning set	-11663 Dec 30 j 12:46	9°Ω54'08			-11662 Dec 01 j 01:59	0°℞	
max. Earth dist.	-11662 Jan 05 j 10:33	22°Ω19'47	1.33048 AU	morning set	-11662 Dec 14 j 10:47	24°℞09'46	
					-11662 Dec 17 j 08:12	0°Ω	
superior conj	-11662 Jan 06 j 20:18	25°Ω22'22	-0°59'19	max. Earth dist.	-11662 Dec 19 j 15:20	4°Ω46'09	1.33681 AU
minimum elong	-11662 Jan 06 j 22:17	25°Ω33'06	0°59'15				
	-11662 Jan 08 j 23:26	0°℞		superior conj	-11662 Dec 22 j 04:41	10°Ω10'57	-1°16'14
evening rise	-11662 Jan 13 j 21:15	10°℞31'56		minimum elong	-11662 Dec 22 j 06:47	10°Ω22'09	1°16'03
asc. node	-11662 Jan 13 j 12:45	9°℞47'13		evening rise	-11662 Dec 29 j 08:25	25°Ω27'20	
	-11662 Jan 24 j 00:14	0°♂		asc. node	-11662 Dec 31 j 10:05	29°Ω44'07	
evening max el	-11662 Feb 08 j 05:48	20°♂26'25	24°28'45		-11662 Dec 31 j 13:12	0°℞	
retrograde	-11662 Feb 22 j 01:41	27°♂20'34			-11661 Jan 19 j 15:34	0°♂	
evening set	-11662 Feb 26 j 13:02	26°♂35'25		evening max el	-11661 Jan 20 j 23:26	1°♂18'12	22°55'12
desc. node	-11662 Mar 02 j 08:26	24°♂53'29		retrograde	-11661 Feb 03 j 00:57	7°♂36'36	
min. Earth dist.	-11662 Mar 04 j 19:13	23°♂26'30	0.56718 AU	evening set	-11661 Feb 06 j 12:28	7°♂10'10	
inferior conj	-11662 Mar 07 j 07:34	21°♂49'37	-1°13'52	min. Earth dist.	-11661 Feb 14 j 11:06	3°♂34'03	0.55679 AU
minimum elong	-11662 Mar 07 j 04:52	21°♂53'58	1°13'43	inferior conj	-11661 Feb 15 j 14:49	2°♂53'36	0°24'46
morning rise	-11662 Mar 15 j 23:51	17°♂39'55		minimum elong	-11661 Feb 15 j 15:51	2°♂52'05	0°23'52
direct	-11662 Mar 18 j 04:06	17°♂26'46		desc. node	-11661 Feb 17 j 05:20	1°♂57'57	
morning max el	-11662 Mar 27 j 16:02	21°♂55'49	19°29'43		-11661 Feb 21 j 02:27	30°℞℞	
	-11662 Apr 03 j 04:08	0°☿		morning rise	-11661 Feb 24 j 20:49	28°℞50'24	
asc. node	-11662 Apr 11 j 11:28	14°☿39'24		direct	-11661 Feb 27 j 02:59	28°℞38'08	
morning set	-11662 Apr 13 j 21:20	19°☿24'38			-11661 Mar 04 j 18:59	0°♂	
	-11662 Apr 19 j 04:16	0°≈		morning max el	-11661 Mar 10 j 06:31	3°♂56'17	20°37'56
					-11661 Mar 27 j 03:16	0°☿	
superior conj	-11662 Apr 22 j 04:02	5°≈54'53	1°24'58	morning set	-11661 Mar 29 j 02:41	3°☿59'18	
minimum elong	-11662 Apr 22 j 00:59	5°≈39'58	1°24'05	asc. node	-11661 Mar 29 j 08:26	4°☿28'37	
max. Earth dist.	-11662 Apr 28 j 00:45	17°≈06'37	1.37495 AU				
evening rise	-11662 May 02 j 00:58	24°≈24'04		superior conj	-11661 Apr 05 j 19:52	19°☿51'11	1°04'55
	-11662 May 05 j 05:42	0°♂		minimum elong	-11661 Apr 05 j 17:14	19°☿37'44	1°03'53
	-11662 May 24 j 13:00	0°♀		max. Earth dist.	-11661 Apr 10 j 07:54	28°☿50'20	1.35886 AU
desc. node	-11662 May 29 j 06:38	6°♀19'23			-11661 Apr 10 j 22:12	0°≈	
evening max el	-11662 Jun 06 j 21:37	16°♀17'11	25°11'49	evening rise	-11661 Apr 14 j 16:23	7°≈08'58	
retrograde	-11662 Jun 18 j 18:00	23°♀15'03			-11661 Apr 27 j 23:14	0°♂	
evening set	-11662 Jun 24 j 15:32	20°♀40'32		desc. node	-11661 May 16 j 04:04	25°♂12'03	
min. Earth dist.	-11662 Jun 29 j 01:14	15°♀37'31	0.66770 AU	evening max el	-11661 May 20 j 07:49	29°♂39'27	26°19'22
inferior conj	-11662 Jun 29 j 23:14	14°♀24'41	-2°23'29		-11661 May 20 j 16:12	0°♀	
minimum elong	-11662 Jun 30 j 01:34	14°♀17'00	2°22'43	retrograde	-11661 Jun 02 j 01:07	7°♀00'01	
morning rise	-11662 Jul 05 j 11:36	8°♀22'52		evening set	-11661 Jun 08 j 11:31	4°♀14'49	
asc. node	-11662 Jul 08 j 12:17	7°♀09'40			-11661 Jun 12 j 10:04	30°℞♂	
direct	-11662 Jul 09 j 01:50	7°♀07'51		min. Earth dist.	-11661 Jun 12 j 12:59	29°♂51'01	0.66010 AU
morning max el	-11662 Jul 16 j 15:22	11°♀32'34	19°55'24	inferior conj	-11661 Jun 14 j 00:09	28°♂01'04	-2°55'14
	-11662 Jul 30 j 07:02	0°♂		minimum elong	-11661 Jun 14 j 02:26	27°♂53'56	2°54'50
morning set	-11662 Aug 11 j 08:39	18°♂35'04		morning rise	-11661 Jun 19 j 17:28	22°♂11'42	
	-11662 Aug 18 j 15:32	0°♂		direct	-11661 Jun 22 j 23:39	21°♂10'45	
max. Earth dist.	-11662 Aug 23 j 13:59	7°♂49'19	1.44019 AU	asc. node	-11661 Jun 25 j 09:03	21°♂42'01	
desc. node	-11662 Aug 25 j 03:38	10°♂19'48		morning max el	-11661 Jun 29 j 21:38	25°♂05'29	19°01'45
					-11661 Jul 04 j 00:13	0°♀	
superior conj	-11662 Aug 27 j 19:13	14°♂35'35	-0°15'53	morning set	-11661 Jul 21 j 23:57	27°♀39'11	
minimum elong	-11662 Aug 27 j 17:32	14°♂28'48	0°15'03		-11661 Jul 23 j 11:19	0°♂	
behind sun begin	-11662 Aug 27 j 13:18	14°♂11'41		max. Earth dist.	-11661 Aug 06 j 05:54	21°♂50'02	1.44568 AU
behind sun end	-11662 Aug 27 j 21:46	14°♂45'55					
	-11662 Sep 06 j 04:03	0°☿		superior conj	-11661 Aug 07 j 00:12	23°♂02'28	0°29'37
evening rise	-11662 Sep 10 j 14:45	7°☿29'29		minimum elong	-11661 Aug 07 j 03:48	23°♂16'41	0°29'42
	-11662 Sep 24 j 10:19	0°Ω			-11661 Aug 11 j 09:31	0°♂	
evening max el	-11662 Sep 28 j 19:56	5°Ω26'47	18°18'04	desc. node	-11661 Aug 12 j 00:53	1°♂01'03	
asc. node	-11662 Oct 04 j 12:18	8°Ω58'06		evening rise	-11661 Aug 22 j 17:24	18°♂09'40	
retrograde	-11662 Oct 05 j 10:37	9°Ω02'42			-11661 Aug 30 j 01:10	0°☿	
evening set	-11662 Oct 08 j 04:17	8°Ω23'17		evening max el	-11661 Sep 12 j 08:40	18°☿55'57	18°46'42
inferior conj	-11662 Oct 14 j 11:30	2°Ω55'20	2°50'46	retrograde	-11661 Sep 19 j 03:11	22°☿43'47	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

asc. node	-11661 Sep 21 j 09:26	22° ☿ 14'53		asc. node	-11660 Sep 07 j 06:29	3° ☿ 53'53	
evening set	-11661 Sep 22 j 03:15	21° ☿ 52'55		inferior conj	-11660 Sep 10 j 22:55	29° II 34'10	1°09'13
inferior conj	-11661 Sep 28 j 01:33	16° ☿ 09'45	2°01'14	minimum elong	-11660 Sep 10 j 21:20	29° II 39'16	1°09'17
minimum elong	-11661 Sep 27 j 22:49	16° ☿ 17'59	2°00'56		-11660 Sep 10 j 14:53	30° R II	
min. Earth dist.	-11661 Sep 29 j 18:11	14° ☿ 07'38	0.65000 AU	min. Earth dist.	-11660 Sep 12 j 03:25	28° II 02'29	0.66002 AU
morning rise	-11661 Oct 03 j 17:53	9° ☿ 59'17		morning rise	-11660 Sep 16 j 10:34	23° II 16'45	
direct	-11661 Oct 10 j 07:06	7° ☿ 16'22		direct	-11660 Sep 22 j 10:45	20° II 43'38	
morning max el	-11661 Oct 23 j 08:12	14° ☿ 44'54	26°50'51	morning max el	-11660 Oct 04 j 18:20	27° II 57'07	25°50'14
	-11661 Nov 04 j 23:29	0° ♊			-11660 Oct 06 j 17:37	0° ☿	
desc. node	-11661 Nov 08 j 00:30	4° ♊ 19'38		desc. node	-11660 Oct 24 j 21:17	24° ☿ 05'24	
	-11661 Nov 23 j 17:36	0° ♊			-11660 Oct 28 j 16:31	0° ♊	
morning set	-11661 Nov 27 j 22:30	7° ♊ 49'59		morning set	-11660 Nov 09 j 19:44	20° ♊ 42'46	
max. Earth dist.	-11661 Dec 02 j 10:41	16° ♊ 41'24	1.34738 AU	max. Earth dist.	-11660 Nov 13 j 19:36	28° ♊ 11'23	1.36221 AU
					-11660 Nov 14 j 18:12	0° ♊	
superior conj	-11661 Dec 06 j 08:21	24° ♊ 41'24	-1°29'18	superior conj	-11660 Nov 19 j 04:43	8° ♊ 45'37	-1°37'15
minimum elong	-11661 Dec 06 j 10:06	24° ♊ 50'30	1°29'04	minimum elong	-11660 Nov 19 j 05:33	8° ♊ 49'49	1°36'57
	-11661 Dec 08 j 21:11	0° ♋		evening rise	-11660 Nov 27 j 00:58	24° ♊ 46'37	
evening rise	-11661 Dec 13 j 18:15	10° ♋ 14'02			-11660 Nov 29 j 15:19	0° ♋	
asc. node	-11661 Dec 18 j 07:27	19° ♋ 23'18		asc. node	-11660 Dec 04 j 04:49	8° ♋ 37'52	
	-11661 Dec 24 j 06:19	0° ♋		evening max el	-11660 Dec 15 j 05:05	23° ♋ 57'55	20°06'51
evening max el	-11660 Jan 02 j 21:51	12° ♋ 23'24	21°24'35	retrograde	-11660 Dec 25 j 09:07	28° ♋ 44'38	
retrograde	-11660 Jan 14 j 15:35	17° ♋ 55'34		evening set	-11660 Dec 27 j 23:46	28° ♋ 27'08	
evening set	-11660 Jan 17 j 12:35	17° ♋ 36'46		inferior conj	-11659 Jan 05 j 13:48	24° ♋ 25'19	3°28'45
inferior conj	-11660 Jan 26 j 12:30	13° ♋ 36'39	2°08'21	minimum elong	-11659 Jan 05 j 19:12	24° ♋ 17'04	3°27'27
minimum elong	-11660 Jan 26 j 17:31	13° ♋ 29'29	2°06'28	min. Earth dist.	-11659 Jan 07 j 14:30	23° ♋ 11'01	0.56123 AU
min. Earth dist.	-11660 Jan 27 j 01:18	13° ♋ 18'23	0.55474 AU	morning rise	-11659 Jan 14 j 12:49	19° ♋ 53'54	
desc. node	-11660 Feb 04 j 02:10	9° ♋ 37'22		direct	-11659 Jan 18 j 12:43	19° ♋ 18'37	
morning rise	-11660 Feb 04 j 21:53	9° ♋ 25'46		desc. node	-11659 Jan 20 j 22:55	19° ♋ 32'00	
direct	-11660 Feb 07 j 18:13	9° ♋ 07'43		morning max el	-11659 Feb 01 j 03:31	26° ♋ 04'30	23°39'14
morning max el	-11660 Feb 20 j 09:34	15° ♋ 15'38	22°03'19		-11659 Feb 04 j 20:05	0° ♋	
	-11660 Mar 02 j 13:56	0° ♌			-11659 Feb 23 j 03:18	0° ♌	
morning set	-11660 Mar 12 j 12:24	18° ♌ 51'14		morning set	-11659 Feb 25 j 00:27	3° ♌ 53'30	
asc. node	-11660 Mar 15 j 05:30	24° ♌ 32'05		asc. node	-11659 Mar 02 j 02:39	14° ♌ 44'57	
	-11660 Mar 17 j 19:34	0° ♌					
superior conj	-11660 Mar 19 j 20:16	4° ♌ 16'17	0°42'25	superior conj	-11659 Mar 04 j 02:29	19° ♌ 01'47	0°18'54
minimum elong	-11660 Mar 19 j 18:28	4° ♌ 06'52	0°41'25	minimum elong	-11659 Mar 04 j 01:41	18° ♌ 57'34	0°18'06
max. Earth dist.	-11660 Mar 23 j 01:13	10° ♌ 54'57	1.34605 AU	max. Earth dist.	-11659 Mar 06 j 04:08	23° ♌ 26'17	1.33670 AU
evening rise	-11660 Mar 27 j 23:24	20° ♌ 43'28			-11659 Mar 09 j 07:34	0° ♌	
	-11660 Apr 01 j 22:11	0° ♍		evening rise	-11659 Mar 11 j 17:33	4° ♌ 53'43	
	-11660 Apr 20 j 20:30	0° ♍			-11659 Mar 25 j 15:08	0° ♍	
evening max el	-11660 May 01 j 18:48	12° ♍ 55'05	27°06'43	evening max el	-11659 Apr 14 j 04:55	25° ♍ 52'38	27°26'46
desc. node	-11660 May 02 j 01:27	13° ♍ 11'15		desc. node	-11659 Apr 18 j 22:44	29° ♍ 55'18	
retrograde	-11660 May 15 j 02:53	20° ♍ 26'31			-11659 Apr 19 j 01:21	0° ♍	
evening set	-11660 May 21 j 22:36	17° ♍ 40'40		retrograde	-11659 Apr 27 j 22:47	3° ♍ 26'48	
min. Earth dist.	-11660 May 25 j 17:39	13° ♍ 54'25	0.64858 AU	evening set	-11659 May 04 j 21:44	0° ♍ 52'48	
inferior conj	-11660 May 27 j 19:11	11° ♍ 31'30	-3°17'56		-11659 May 06 j 00:33	30° R ♍	
minimum elong	-11660 May 27 j 20:53	11° ♍ 26'36	3°17'58	min. Earth dist.	-11659 May 08 j 13:36	27° ♍ 37'51	0.63320 AU
morning rise	-11660 Jun 02 j 19:34	5° ♍ 57'25		inferior conj	-11659 May 11 j 05:40	24° ♍ 51'12	-3°28'39
direct	-11660 Jun 05 j 19:24	5° ♍ 08'36		minimum elong	-11659 May 11 j 06:09	24° ♍ 49'56	3°29'02
asc. node	-11660 Jun 11 j 05:50	7° ♍ 39'13		morning rise	-11659 May 17 j 15:31	19° ♍ 34'49	
morning max el	-11660 Jun 12 j 08:37	8° ♍ 42'22	18°24'34	direct	-11659 May 20 j 10:13	18° ♍ 56'30	
	-11660 Jun 26 j 21:54	0° ♎		morning max el	-11659 May 26 j 22:13	22° ♍ 19'39	18°05'00
morning set	-11660 Jul 01 j 15:03	7° ♎ 49'18		asc. node	-11659 May 29 j 02:38	24° ♍ 45'44	
	-11660 Jul 15 j 05:28	0° ♎			-11659 Jun 01 j 21:21	0° ♎	
				morning set	-11659 Jun 13 j 06:58	19° ♎ 08'49	
superior conj	-11660 Jul 16 j 01:30	1° ♎ 20'06	1°10'49		-11659 Jun 19 j 14:10	0° ♎	
minimum elong	-11660 Jul 16 j 08:06	1° ♎ 46'30	1°10'29	superior conj	-11659 Jun 25 j 20:16	10° ♎ 29'32	1°38'00
max. Earth dist.	-11660 Jul 18 j 22:41	5° ♎ 55'37	1.44405 AU	minimum elong	-11659 Jun 26 j 00:57	10° ♎ 48'53	1°37'48
desc. node	-11660 Jul 28 j 22:15	21° ♎ 39'58		max. Earth dist.	-11659 Jul 01 j 12:51	19° ♎ 46'34	1.43565 AU
evening rise	-11660 Aug 01 j 16:45	27° ♎ 34'35			-11659 Jul 07 j 23:04	0° ♎	
	-11660 Aug 03 j 05:55	0° ♏		evening rise	-11659 Jul 11 j 19:48	6° ♎ 02'29	
greatest brilliancy	-11660 Aug 12 j 04:53	13° ♏ 54'44	-0.7m	desc. node	-11659 Jul 15 j 19:40	12° ♎ 12'47	
	-11660 Aug 23 j 13:18	0° ☿			-11659 Jul 27 j 15:42	0° ♏	
evening max el	-11660 Aug 25 j 17:43	2° ☿ 26'17	19°31'53	evening max el	-11659 Aug 08 j 20:49	15° ♏ 53'15	20°32'04
retrograde	-11660 Sep 01 j 23:04	6° ☿ 35'11		retrograde	-11659 Aug 16 j 19:52	20° ♏ 32'34	
evening set	-11660 Sep 05 j 07:47	5° ☿ 29'33					

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening set	-11659 Aug 20 j 15:23	19° Π 09'04			-11658 Jul 23 j 10:37	0° Π	
asc. node	-11659 Aug 25 j 03:28	14° Π 17'11		retrograde	-11658 Jul 31 j 15:43	4° Π 33'43	
inferior conj	-11659 Aug 26 j 01:11	13° Π 04'31	0°17'12	evening set	-11658 Aug 04 j 23:56	2° Π 49'57	
minimum elong	-11659 Aug 26 j 00:48	13° Π 05'51	0°17'40		-11658 Aug 07 j 17:51	30° \mathbb{R} 8	
min. Earth dist.	-11659 Aug 26 j 18:34	12° Π 05'57	0.66703 AU	inferior conj	-11658 Aug 10 j 06:24	26° \mathbb{R} 39'08	-0°32'58
morning rise	-11659 Aug 31 j 10:01	6° Π 43'50		minimum elong	-11658 Aug 10 j 07:05	26° \mathbb{R} 36'47	0°32'10
direct	-11659 Sep 05 j 19:48	4° Π 26'08		min. Earth dist.	-11658 Aug 10 j 13:16	26° \mathbb{R} 15'26	0.67118 AU
morning max el	-11659 Sep 17 j 04:09	11° Π 12'40	24°33'36	asc. node	-11658 Aug 12 j 00:23	24° \mathbb{R} 16'25	
	-11659 Oct 02 j 05:09	0° \mathfrak{C}		morning rise	-11658 Aug 15 j 14:06	20° \mathbb{R} 19'05	
desc. node	-11659 Oct 11 j 18:07	14° \mathfrak{C} 12'44		direct	-11658 Aug 20 j 09:50	18° \mathbb{R} 19'16	
	-11659 Oct 21 j 09:45	0° \mathcal{O}		morning max el	-11658 Aug 30 j 14:57	24° \mathbb{R} 28'13	23°09'51
morning set	-11659 Oct 22 j 21:10	2° \mathcal{O} 32'54			-11658 Sep 04 j 12:30	0° Π	
max. Earth dist.	-11659 Oct 26 j 20:23	9° \mathcal{O} 35'19	1.38045 AU		-11658 Sep 25 j 16:57	0° \mathfrak{C}	
				desc. node	-11658 Sep 28 j 15:03	4° \mathfrak{C} 35'13	
superior conj	-11659 Nov 02 j 14:17	22° \mathcal{O} 12'22	-1°38'22	morning set	-11658 Oct 03 j 21:45	13° \mathfrak{C} 08'21	
minimum elong	-11659 Nov 02 j 13:36	22° \mathcal{O} 09'03	1°37'55	max. Earth dist.	-11658 Oct 08 j 18:55	21° \mathfrak{C} 22'24	1.40027 AU
	-11659 Nov 06 j 13:59	0° \mathfrak{M}			-11658 Oct 13 j 16:43	0° \mathcal{O}	
evening rise	-11659 Nov 11 j 02:22	8° \mathfrak{M} 57'51					
asc. node	-11659 Nov 21 j 02:10	27° \mathfrak{M} 18'29		superior conj	-11658 Oct 16 j 08:34	4° \mathcal{O} 49'31	-1°30'31
	-11659 Nov 22 j 20:56	0° \mathfrak{L}		minimum elong	-11658 Oct 16 j 05:57	4° \mathcal{O} 37'32	1°29'47
evening max el	-11659 Nov 27 j 22:31	6° \mathfrak{L} 06'12	19°07'29	evening rise	-11658 Oct 25 j 19:52	22° \mathcal{O} 41'13	
retrograde	-11659 Dec 06 j 16:13	10° \mathfrak{L} 16'32			-11658 Oct 29 j 16:36	0° \mathfrak{M}	
evening set	-11659 Dec 09 j 04:19	9° \mathfrak{L} 57'27		asc. node	-11658 Nov 07 j 23:27	15° \mathfrak{M} 14'23	
inferior conj	-11659 Dec 17 j 05:45	5° \mathfrak{L} 41'19	4°10'16	evening max el	-11658 Nov 11 j 01:09	18° \mathfrak{M} 45'09	18°28'21
minimum elong	-11659 Dec 17 j 08:00	5° \mathfrak{L} 37'25	4°10'05	retrograde	-11658 Nov 18 j 16:48	22° \mathfrak{M} 31'24	
min. Earth dist.	-11659 Dec 20 j 04:29	3° \mathfrak{L} 39'06	0.57461 AU	evening set	-11658 Nov 21 j 04:16	22° \mathfrak{M} 08'57	
morning rise	-11659 Dec 25 j 09:35	0° \mathfrak{L} 45'08		inferior conj	-11658 Nov 28 j 16:49	17° \mathfrak{M} 32'34	4°15'18
	-11659 Dec 27 j 17:22	30° \mathbb{R} 8		minimum elong	-11658 Nov 28 j 15:32	17° \mathfrak{M} 35'09	4°15'25
direct	-11659 Dec 30 j 17:50	29° \mathfrak{M} 38'23		min. Earth dist.	-11658 Dec 01 j 22:02	14° \mathfrak{M} 58'50	0.59208 AU
	-11658 Jan 02 j 18:28	0° \mathfrak{L}		morning rise	-11658 Dec 06 j 01:01	12° \mathfrak{M} 14'40	
desc. node	-11658 Jan 07 j 19:37	2° \mathfrak{L} 07'37		direct	-11658 Dec 12 j 10:53	10° \mathfrak{M} 29'40	
morning max el	-11658 Jan 13 j 18:19	6° \mathfrak{L} 46'44	25°13'32	desc. node	-11658 Dec 25 j 16:18	17° \mathfrak{M} 02'54	
	-11658 Jan 30 j 17:42	0° \mathfrak{M}		morning max el	-11658 Dec 26 j 12:06	17° \mathfrak{M} 49'19	26°31'08
morning set	-11658 Feb 09 j 12:57	18° \mathfrak{M} 58'52			-11657 Jan 05 j 17:13	0° \mathfrak{L}	
	-11658 Feb 14 j 16:11	0° \mathfrak{X}			-11657 Jan 23 j 01:28	0° \mathfrak{M}	
				morning set	-11657 Jan 25 j 00:05	4° \mathfrak{M} 00'19	
superior conj	-11658 Feb 16 j 12:19	3° \mathfrak{X} 59'50	-0°04'37				
minimum elong	-11658 Feb 16 j 12:32	4° \mathfrak{X} 01'01	0°05'09	superior conj	-11657 Jan 31 j 23:55	19° \mathfrak{M} 03'38	-0°27'13
behind sun begin	-11658 Feb 16 j 07:44	3° \mathfrak{X} 34'55		minimum elong	-11657 Feb 01 j 01:01	19° \mathfrak{M} 09'35	0°27'29
behind sun end	-11658 Feb 16 j 17:20	4° \mathfrak{X} 27'05		max. Earth dist.	-11657 Feb 01 j 02:53	19° \mathfrak{M} 19'45	1.32796 AU
asc. node	-11658 Feb 16 j 23:51	5° \mathfrak{X} 02'27		asc. node	-11657 Feb 03 j 21:04	25° \mathfrak{M} 20'09	
max. Earth dist.	-11658 Feb 17 j 13:51	6° \mathfrak{X} 18'16	1.33067 AU		-11657 Feb 06 j 01:12	0° \mathfrak{X}	
evening rise	-11658 Feb 23 j 19:23	19° \mathfrak{X} 28'20		evening rise	-11657 Feb 08 j 02:18	4° \mathfrak{X} 18'14	
	-11658 Mar 01 j 03:49	0° \mathfrak{Z}			-11657 Feb 21 j 23:54	0° \mathfrak{Z}	
	-11658 Mar 20 j 01:56	0° \approx		evening max el	-11657 Mar 09 j 13:58	20° \mathfrak{Z} 12'59	26°31'00
evening max el	-11658 Mar 27 j 11:55	8° \approx 21'01	27°15'07	retrograde	-11657 Mar 23 j 17:10	27° \mathfrak{Z} 36'17	
desc. node	-11658 Apr 05 j 19:55	14° \approx 55'08		desc. node	-11657 Mar 23 j 17:02	27° \mathfrak{Z} 36'17	
retrograde	-11658 Apr 10 j 12:07	15° \approx 52'36		evening set	-11657 Mar 29 j 19:13	26° \mathfrak{Z} 01'11	
evening set	-11658 Apr 17 j 05:36	13° \approx 43'27		min. Earth dist.	-11657 Apr 03 j 03:25	23° \mathfrak{Z} 10'53	0.59476 AU
min. Earth dist.	-11658 Apr 21 j 00:32	10° \approx 48'10	0.61468 AU	inferior conj	-11657 Apr 06 j 11:37	20° \mathfrak{Z} 30'27	-2°55'31
inferior conj	-11658 Apr 24 j 04:21	7° \approx 53'48	-3°23'07	minimum elong	-11657 Apr 06 j 08:34	20° \mathfrak{Z} 36'35	2°55'39
minimum elong	-11658 Apr 24 j 03:05	7° \approx 56'45	3°23'34	morning rise	-11657 Apr 14 j 00:43	15° \mathfrak{Z} 53'12	
morning rise	-11658 May 01 j 02:25	2° \approx 56'46		direct	-11657 Apr 16 j 10:39	15° \mathfrak{Z} 31'45	
direct	-11658 May 03 j 16:39	2° \approx 27'36		morning max el	-11657 Apr 23 j 22:50	19° \mathfrak{Z} 09'49	18°21'43
morning max el	-11658 May 10 j 11:55	5° \approx 51'43	18°03'51		-11657 May 01 j 23:05	0° \approx	
asc. node	-11658 May 15 j 23:28	12° \approx 46'58		asc. node	-11657 May 02 j 20:19	1° \approx 29'50	
	-11658 May 26 j 00:09	0° \mathfrak{X}		morning set	-11657 May 10 j 01:19	14° \approx 41'44	
morning set	-11658 May 26 j 20:00	1° \mathfrak{X} 30'09			-11657 May 18 j 04:49	0° \mathfrak{X}	
superior conj	-11658 Jun 06 j 17:54	20° \mathfrak{X} 59'05	1°48'54	superior conj	-11657 May 19 j 16:41	2° \mathfrak{X} 44'20	1°46'26
minimum elong	-11658 Jun 06 j 18:51	21° \mathfrak{X} 03'13	1°48'44	minimum elong	-11657 May 19 j 14:56	2° \mathfrak{X} 36'18	1°46'03
	-11658 Jun 12 j 00:57	0° \mathfrak{Y}		max. Earth dist.	-11657 May 27 j 00:27	15° \mathfrak{X} 42'25	1.40415 AU
max. Earth dist.	-11658 Jun 13 j 21:32	3° \mathfrak{Y} 05'24	1.42169 AU	evening rise	-11657 May 31 j 22:56	24° \mathfrak{X} 01'15	
evening rise	-11658 Jun 20 j 23:03	14° \mathfrak{Y} 31'25			-11657 Jun 04 j 15:06	0° \mathfrak{Y}	
	-11658 Jun 30 j 23:29	0° \mathbb{R}		desc. node	-11657 Jun 19 j 14:32	22° \mathfrak{Y} 43'44	
desc. node	-11658 Jul 02 j 17:06	2° \mathbb{R} 35'49			-11657 Jun 24 j 20:11	0° \mathbb{R}	
evening max el	-11658 Jul 22 j 16:54	29° \mathbb{R} 16'04	21°44'38	evening max el	-11657 Jul 05 j 06:52	12° \mathbb{R} 36'08	23°05'12

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

retrograde	-11657 Jul 15 j 09:04	18°♄35'33		evening max el	-11656 Jun 16 j 17:19	25°♊56'59	24°27'10
evening set	-11657 Jul 20 j 07:31	16°♄30'35			-11656 Jun 21 j 09:12	0°♄	
inferior conj	-11657 Jul 25 j 12:42	10°♄16'12	-1°19'47	retrograde	-11656 Jun 27 j 22:57	2°♄35'11	
minimum elong	-11657 Jul 25 j 14:16	10°♄10'48	1°18'51	evening set	-11656 Jul 03 j 12:16	0°♄10'18	
min. Earth dist.	-11657 Jul 25 j 09:02	10°♄28'54	0.67240 AU		-11656 Jul 03 j 16:51	30°♊	
asc. node	-11657 Jul 29 j 21:15	4°♄52'53		min. Earth dist.	-11656 Jul 08 j 03:25	24°♊45'11	0.67048 AU
morning rise	-11657 Jul 30 j 20:55	4°♄00'30		inferior conj	-11656 Jul 08 j 18:23	23°♊54'35	-2°01'55
direct	-11657 Aug 04 j 03:51	2°♄18'58		minimum elong	-11656 Jul 08 j 20:32	23°♊47'19	2°01'01
morning max el	-11657 Aug 13 j 05:17	7°♄45'03	21°47'22	morning rise	-11656 Jul 14 j 04:45	17°♊46'53	
	-11657 Aug 30 j 02:59	0°♄		asc. node	-11656 Jul 15 j 18:05	16°♊52'00	
morning set	-11657 Sep 13 j 20:06	22°♄28'22		direct	-11656 Jul 18 j 00:37	16°♊22'36	
desc. node	-11657 Sep 15 j 12:04	25°♄07'37		morning max el	-11656 Jul 26 j 01:35	21°♊07'35	20°32'48
	-11657 Sep 18 j 12:26	0°♄			-11656 Aug 02 j 06:41	0°♄	
max. Earth dist.	-11657 Sep 20 j 21:36	3°♄54'43	1.41902 AU		-11656 Aug 22 j 09:13	0°♄	
				morning set	-11656 Aug 23 j 00:55	1°♄01'00	
superior conj	-11657 Sep 28 j 06:02	16°♄22'36	-1°11'22	desc. node	-11656 Sep 01 j 09:08	15°♄46'01	
minimum elong	-11657 Sep 28 j 01:53	16°♄04'32	1°10'19	max. Earth dist.	-11656 Sep 02 j 07:09	17°♄14'30	1.43409 AU
	-11657 Oct 05 j 21:41	0°♄					
evening rise	-11657 Oct 09 j 02:04	5°♄48'31		superior conj	-11656 Sep 08 j 01:17	26°♄38'03	-0°39'28
	-11657 Oct 23 j 19:05	0°♄		minimum elong	-11656 Sep 07 j 21:40	26°♄23'06	0°38'23
evening max el	-11657 Oct 25 j 10:25	1°♄47'24	18°09'22		-11656 Sep 10 j 01:53	0°♄	
asc. node	-11657 Oct 25 j 20:41	2°♄12'15		evening rise	-11656 Sep 20 j 16:33	18°♄09'27	
retrograde	-11657 Nov 01 j 09:35	5°♄21'41			-11656 Sep 27 j 12:40	0°♄	
evening set	-11657 Nov 03 j 22:00	4°♄54'12		evening max el	-11656 Oct 07 j 23:19	15°♄04'41	18°09'36
inferior conj	-11657 Nov 10 j 22:14	29°♄56'14	3°54'11	asc. node	-11656 Oct 11 j 17:54	17°♄55'59	
minimum elong	-11657 Nov 10 j 18:54	0°♄03'52	3°54'01	retrograde	-11656 Oct 14 j 14:47	18°♄37'23	
	-11657 Nov 10 j 20:35	30°♄		evening set	-11656 Oct 17 j 05:58	18°♄02'56	
min. Earth dist.	-11657 Nov 13 j 22:13	27°♄11'41	0.61060 AU	inferior conj	-11656 Oct 23 j 18:58	12°♄44'52	3°16'46
morning rise	-11657 Nov 17 j 14:31	24°♄20'00		minimum elong	-11656 Oct 23 j 15:09	12°♄54'45	3°16'21
direct	-11657 Nov 24 j 13:51	22°♄02'30		min. Earth dist.	-11656 Oct 26 j 07:43	10°♄07'45	0.62791 AU
morning max el	-11657 Dec 08 j 12:04	29°♄28'41	27°20'03	morning rise	-11656 Oct 29 j 23:25	6°♄52'49	
	-11657 Dec 09 j 00:55	0°♄		direct	-11656 Nov 06 j 00:43	4°♄15'23	
desc. node	-11657 Dec 12 j 12:58	3°♄44'12		morning max el	-11656 Nov 19 j 17:55	11°♄46'24	27°34'37
	-11657 Dec 30 j 11:45	0°♄		desc. node	-11656 Nov 28 j 09:37	21°♄41'01	
morning set	-11656 Jan 09 j 08:00	18°♄51'07			-11656 Dec 04 j 08:54	0°♄	
	-11656 Jan 14 j 14:12	0°♄			-11656 Dec 21 j 17:52	0°♄	
max. Earth dist.	-11656 Jan 15 j 15:48	2°♄19'00	1.32857 AU	morning set	-11656 Dec 23 j 10:24	3°♄22'04	
				max. Earth dist.	-11656 Dec 29 j 00:47	15°♄01'21	1.33271 AU
superior conj	-11656 Jan 16 j 11:40	4°♄07'08	-0°48'13				
minimum elong	-11656 Jan 16 j 13:24	4°♄16'38	0°48'15	superior conj	-11656 Dec 30 j 21:46	19°♄02'49	-1°06'53
asc. node	-11656 Jan 21 j 18:20	15°♄34'00		minimum elong	-11656 Dec 30 j 23:51	19°♄14'03	1°06'46
evening rise	-11656 Jan 23 j 12:18	19°♄16'13			-11655 Jan 04 j 23:34	0°♄	
	-11656 Jan 28 j 20:12	0°♄		evening rise	-11655 Jan 06 j 23:31	4°♄14'20	
	-11656 Feb 17 j 22:16	0°♄		asc. node	-11655 Jan 07 j 15:38	5°♄38'34	
evening max el	-11656 Feb 19 j 10:43	1°♄30'24	25°18'59		-11655 Jan 21 j 01:32	0°♄	
retrograde	-11656 Mar 04 j 11:30	8°♄37'32		evening max el	-11655 Jan 31 j 04:03	12°♄24'36	23°49'22
evening set	-11656 Mar 09 j 14:01	7°♄36'34		retrograde	-11655 Feb 13 j 17:20	19°♄04'42	
desc. node	-11656 Mar 09 j 14:04	7°♄36'32		evening set	-11655 Feb 17 j 18:02	18°♄28'52	
min. Earth dist.	-11656 Mar 15 j 00:12	4°♄37'51	0.57617 AU	desc. node	-11655 Feb 24 j 11:01	15°♄19'11	
inferior conj	-11656 Mar 18 j 00:15	2°♄33'10	-1°59'51	min. Earth dist.	-11655 Feb 24 j 17:00	15°♄10'14	0.56195 AU
minimum elong	-11656 Mar 17 j 20:40	2°♄39'25	1°59'35	inferior conj	-11655 Feb 26 j 17:10	13°♄56'39	-0°34'21
	-11656 Mar 21 j 23:05	30°♄		minimum elong	-11655 Feb 26 j 15:46	13°♄58'48	0°34'32
morning rise	-11656 Mar 26 j 06:32	28°♄14'24		morning rise	-11655 Mar 07 j 16:07	9°♄51'19	
direct	-11656 Mar 28 j 12:32	27°♄58'50		direct	-11655 Mar 09 j 20:25	9°♄38'59	
	-11656 Apr 03 j 14:13	0°♄		morning max el	-11655 Mar 20 j 00:31	14°♄27'23	19°56'23
morning max el	-11656 Apr 06 j 04:01	2°♄05'05	18°59'08		-11655 Mar 31 j 03:09	0°♄	
asc. node	-11656 Apr 18 j 17:14	20°♄44'47		asc. node	-11655 Apr 05 j 14:11	10°♄23'22	
morning set	-11656 Apr 22 j 18:38	28°♄33'18		morning set	-11655 Apr 06 j 20:24	12°♄54'38	
	-11656 Apr 23 j 12:19	0°♄					
superior conj	-11656 May 01 j 11:23	15°♄31'48	1°34'39	superior conj	-11655 Apr 14 j 20:45	29°♄06'34	1°16'52
minimum elong	-11656 May 01 j 08:28	15°♄17'49	1°33'55	minimum elong	-11655 Apr 14 j 17:48	28°♄51'53	1°15'54
max. Earth dist.	-11656 May 08 j 00:52	27°♄43'18	1.38544 AU		-11655 Apr 15 j 07:30	0°♄	
	-11656 May 09 j 07:23	0°♄		max. Earth dist.	-11655 Apr 20 j 04:00	9°♄26'00	1.36782 AU
evening rise	-11656 May 12 j 02:25	4°♄54'21		evening rise	-11655 Apr 24 j 06:19	17°♄02'37	
	-11656 May 27 j 16:46	0°♄			-11655 May 01 j 16:46	0°♄	
desc. node	-11656 Jun 05 j 11:58	12°♄30'10		desc. node	-11655 May 21 j 23:30	0°♄	
					-11655 May 23 j 09:24	1°♄46'00	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening max el	-11655 May 30 j 02:59	9° Υ 19'15	25°42'27	desc. node	-11654 May 10 j 06:50	20° H 18'13	
retrograde	-11655 Jun 11 j 08:40	16° Υ 27'45		evening max el	-11654 May 12 j 13:22	22° H 39'05	26°42'22
evening set	-11655 Jun 17 j 12:09	13° Υ 47'30			-11654 May 24 j 05:31	0° Υ	
min. Earth dist.	-11655 Jun 21 j 18:09	9° Υ 01'26	0.66499 AU	retrograde	-11654 May 25 j 13:42	0° Υ 06'08	
inferior conj	-11655 Jun 22 j 21:38	7° Υ 32'31	-2°37'57		-11654 May 26 j 21:05	30° R H	
minimum elong	-11655 Jun 22 j 24:00	7° Υ 24'51	2°37'18	evening set	-11654 Jun 01 j 04:43	27° H 18'52	
morning rise	-11655 Jun 28 j 11:53	1° Υ 35'53		min. Earth dist.	-11654 Jun 05 j 03:02	23° H 11'48	0.65567 AU
direct	-11655 Jul 01 j 22:31	0° Υ 27'07		inferior conj	-11654 Jun 06 j 20:20	21° H 06'41	-3°06'10
asc. node	-11655 Jul 02 j 14:54	0° Υ 29'43		minimum elong	-11654 Jun 06 j 22:26	21° H 00'18	3°05'56
morning max el	-11655 Jul 09 j 04:32	4° Υ 37'36	19°30'43	morning rise	-11654 Jun 12 j 16:25	15° H 23'49	
	-11655 Jul 27 j 02:51	0° B		direct	-11654 Jun 15 j 19:38	14° H 28'25	
morning set	-11655 Aug 02 j 07:06	9° B 40'03		asc. node	-11654 Jun 19 j 11:41	15° H 40'01	
	-11655 Aug 15 j 05:00	0° II		morning max el	-11654 Jun 22 j 13:08	18° H 13'06	18°43'51
max. Earth dist.	-11655 Aug 15 j 21:53	1° II 06'57	1.44338 AU		-11654 Jul 01 j 08:33	0° Υ	
				morning set	-11654 Jul 13 j 07:46	19° Υ 10'05	
superior conj	-11655 Aug 18 j 17:36	5° II 36'29	0°03'12		-11654 Jul 20 j 01:10	0° B	
minimum elong	-11655 Aug 18 j 18:02	5° II 38'15	0°03'44	superior conj	-11654 Jul 28 j 18:08	13° B 51'13	0°48'21
behind sun begin	-11655 Aug 18 j 07:09	4° II 54'45		minimum elong	-11654 Jul 28 j 23:36	14° B 12'52	0°48'11
behind sun end	-11655 Aug 19 j 04:56	6° II 21'46		max. Earth dist.	-11654 Jul 29 j 14:27	15° B 11'35	1.44581 AU
desc. node	-11655 Aug 19 j 06:21	6° II 27'26		desc. node	-11654 Aug 06 j 03:39	27° B 08'03	
evening rise	-11655 Sep 02 j 09:57	29° II 31'12			-11654 Aug 07 j 23:05	0° II	
	-11655 Sep 02 j 16:54	0° B		evening rise	-11654 Aug 14 j 00:59	9° II 39'21	
evening max el	-11655 Sep 21 j 12:52	28° B 30'57	18°28'06		-11654 Aug 26 j 23:11	0° B	
	-11655 Sep 23 j 03:17	0° Ω		evening max el	-11654 Sep 05 j 00:16	12° B 00'39	19°03'56
retrograde	-11655 Sep 28 j 04:21	2° Ω 11'07		retrograde	-11654 Sep 11 j 22:44	15° B 56'46	
asc. node	-11655 Sep 28 j 15:04	2° Ω 10'02		evening set	-11654 Sep 15 j 02:06	15° B 00'10	
evening set	-11655 Oct 01 j 00:27	1° Ω 27'10		asc. node	-11654 Sep 15 j 12:10	14° B 44'12	
	-11655 Oct 03 j 03:39	30° R B		inferior conj	-11654 Sep 20 j 21:08	9° B 11'21	1°39'19
inferior conj	-11655 Oct 07 j 03:38	25° B 52'04	2°30'15	minimum elong	-11654 Sep 20 j 18:52	9° B 18'24	1°39'09
minimum elong	-11655 Oct 07 j 00:21	26° B 01'30	2°29'50	min. Earth dist.	-11654 Sep 22 j 08:30	7° B 21'33	0.65461 AU
min. Earth dist.	-11655 Oct 09 j 03:31	23° B 34'51	0.64275 AU	morning rise	-11654 Sep 26 j 11:11	2° B 57'10	
morning rise	-11655 Oct 12 j 23:36	19° B 47'05		direct	-11654 Oct 02 j 19:03	0° B 17'26	
direct	-11655 Oct 19 j 18:38	17° B 02'58		morning max el	-11654 Oct 15 j 13:45	7° B 41'53	26°27'31
morning max el	-11655 Nov 02 j 03:23	24° B 35'07	27°15'22	desc. node	-11654 Nov 02 j 03:03	0° Ω 00'28	
	-11655 Nov 07 j 03:36	0° Ω			-11654 Nov 02 j 02:55	0° Ω	
desc. node	-11655 Nov 15 j 06:19	10° Ω 31'45		morning set	-11654 Nov 20 j 10:36	0° H 45'39	
	-11655 Nov 27 j 16:58	0° H			-11654 Nov 20 j 00:52	0° H	
morning set	-11655 Dec 07 j 04:29	17° H 24'01		max. Earth dist.	-11654 Nov 24 j 16:52	8° H 58'02	1.35314 AU
max. Earth dist.	-11655 Dec 12 j 02:07	27° H 15'52	1.34080 AU				
	-11655 Dec 13 j 09:43	0° B		superior conj	-11654 Nov 29 j 05:17	18° H 04'14	-1°33'24
superior conj	-11655 Dec 15 j 04:23	3° B 44'17	-1°22'19	minimum elong	-11654 Nov 29 j 06:43	18° H 11'36	1°33'09
minimum elong	-11655 Dec 15 j 06:24	3° B 54'56	1°22'07		-11654 Dec 04 j 23:06	0° B	
evening rise	-11655 Dec 22 j 10:20	19° B 06'39		evening rise	-11654 Dec 06 j 19:02	3° B 47'33	
asc. node	-11655 Dec 25 j 12:58	25° B 28'38		asc. node	-11654 Dec 12 j 10:20	14° B 58'03	
	-11655 Dec 27 j 20:34	0° H			-11654 Dec 21 j 20:56	0° H	
evening max el	-11654 Jan 12 j 22:50	23° H 18'26	22°15'31	evening max el	-11654 Dec 26 j 00:36	4° H 34'34	20°49'33
retrograde	-11654 Jan 25 j 12:12	29° H 18'32		retrograde	-11653 Jan 06 j 02:51	9° H 47'03	
evening set	-11654 Jan 28 j 16:24	28° H 56'18		evening set	-11653 Jan 08 j 20:06	9° H 29'31	
inferior conj	-11654 Feb 06 j 18:51	24° H 48'25	1°09'51	inferior conj	-11653 Jan 17 j 16:25	5° H 30'45	2°46'43
minimum elong	-11654 Feb 06 j 21:48	24° H 44'12	1°08'23	minimum elong	-11653 Jan 17 j 22:09	5° H 22'23	2°44'54
min. Earth dist.	-11654 Feb 06 j 07:51	25° H 04'10	0.55485 AU	min. Earth dist.	-11653 Jan 18 j 21:48	4° H 47'54	0.55642 AU
desc. node	-11654 Feb 11 j 07:55	22° H 22'09		morning rise	-11653 Jan 26 j 22:54	1° H 11'53	
morning rise	-11654 Feb 16 j 04:00	20° H 44'15		desc. node	-11653 Jan 29 j 04:43	0° H 50'41	
direct	-11654 Feb 18 j 14:14	20° H 30'43		direct	-11653 Jan 30 j 05:23	0° H 48'19	
morning max el	-11654 Mar 02 j 10:11	26° H 10'15	21°12'29	morning max el	-11653 Feb 12 j 08:59	7° H 15'10	22°43'31
	-11654 Mar 05 j 23:10	0° A			-11653 Feb 28 j 06:46	0° A	
morning set	-11654 Mar 22 j 03:52	27° A 37'31		morning set	-11653 Mar 06 j 14:49	12° A 34'55	
asc. node	-11654 Mar 23 j 11:12	0° B 19'20		asc. node	-11653 Mar 10 j 08:18	20° A 27'41	
	-11654 Mar 23 j 07:28	0° B					
superior conj	-11654 Mar 29 j 16:37	13° B 16'29	0°55'35	superior conj	-11653 Mar 13 j 19:48	27° A 51'53	0°32'30
minimum elong	-11654 Mar 29 j 14:17	13° B 04'32	0°54'33	minimum elong	-11653 Mar 13 j 18:26	27° A 44'35	0°31'35
max. Earth dist.	-11654 Apr 02 j 15:07	21° B 16'06	1.35296 AU		-11653 Mar 14 j 20:05	0° B	
evening rise	-11654 Apr 07 j 04:57	0° \approx 10'12		max. Earth dist.	-11653 Mar 16 j 12:31	3° B 31'31	1.34157 AU
	-11654 Apr 07 j 02:48	0° \approx		evening rise	-11653 Mar 21 j 17:13	14° B 02'05	
	-11654 Apr 24 j 19:01	0° H			-11653 Mar 30 j 08:09	0° \approx	
					-11653 Apr 19 j 15:43	0° H	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening max el	-11653 Apr 25 j 00:11	5° H 48'55	27°18'56		-11652 Mar 05 j 10:05	0° Z	
desc. node	-11653 Apr 27 j 04:11	7° H 49'12			-11652 Mar 22 j 13:39	0° \approx	
retrograde	-11653 May 08 j 13:20	13° H 23'11		evening max el	-11652 Apr 06 j 09:27	18° \approx 36'10	27°25'58
evening set	-11653 May 15 j 11:11	10° H 40'42		desc. node	-11652 Apr 13 j 01:26	23° \approx 53'11	
min. Earth dist.	-11653 May 19 j 04:16	7° H 08'44	0.64245 AU	retrograde	-11652 Apr 20 j 06:35	26° \approx 09'29	
inferior conj	-11653 May 21 j 12:07	4° H 34'00	-3°24'12	evening set	-11652 Apr 27 j 04:12	23° \approx 44'58	
minimum elong	-11653 May 21 j 13:23	4° H 30'29	3°24'25	min. Earth dist.	-11652 Apr 30 j 20:32	20° \approx 39'44	0.62562 AU
	-11653 May 26 j 05:41	30° R \approx		inferior conj	-11652 May 03 j 18:00	17° \approx 47'42	-3°28'38
morning rise	-11653 May 27 j 16:13	29° \approx 07'08		minimum elong	-11652 May 03 j 17:48	17° \approx 48'13	3°29'07
direct	-11653 May 30 j 13:37	28° \approx 23'08		morning rise	-11652 May 10 j 08:40	12° \approx 39'02	
	-11653 Jun 03 j 22:01	0° H		direct	-11652 May 13 j 01:26	12° \approx 04'43	
morning max el	-11653 Jun 06 j 01:33	1° H 51'26	18°13'57	morning max el	-11652 May 19 j 15:25	15° \approx 27'01	18°02'09
asc. node	-11653 Jun 06 j 08:29	2° H 09'07		asc. node	-11652 May 23 j 05:18	19° \approx 40'33	
morning set	-11653 Jun 24 j 09:43	29° H 50'30			-11652 May 29 j 19:52	0° H	
	-11653 Jun 24 j 11:58	0° Y		morning set	-11652 Jun 05 j 11:15	11° H 38'04	
					-11652 Jun 16 j 00:27	0° Y	
superior conj	-11653 Jul 08 j 00:53	22° Y 25'40	1°24'23	superior conj	-11652 Jun 17 j 06:43	2° Y 07'56	1°44'30
minimum elong	-11653 Jul 08 j 07:10	22° Y 51'04	1°24'04	minimum elong	-11652 Jun 17 j 09:49	2° Y 20'59	1°44'21
max. Earth dist.	-11653 Jul 12 j 05:53	29° Y 11'10	1.44127 AU	max. Earth dist.	-11652 Jun 23 j 17:57	12° Y 50'23	1.43037 AU
	-11653 Jul 12 j 18:09	0° B		evening rise	-11652 Jul 02 j 14:08	26° Y 55'28	
desc. node	-11653 Jul 24 j 01:01	17° B 44'50			-11652 Jul 04 j 13:34	0° B	
evening rise	-11653 Jul 24 j 13:56	18° B 35'05		desc. node	-11652 Jul 09 j 22:25	8° B 14'08	
	-11653 Jul 31 j 23:10	0° II			-11652 Jul 24 j 21:58	0° II	
greatest brilliancy	-11653 Aug 06 j 03:59	7° II 54'14	-0.7m	evening max el	-11652 Aug 01 j 07:17	8° II 56'02	21°01'41
evening max el	-11653 Aug 19 j 07:01	25° II 29'57	19°55'47	retrograde	-11652 Aug 09 j 15:40	13° II 50'19	
retrograde	-11653 Aug 26 j 19:12	29° II 50'45		evening set	-11652 Aug 13 j 16:26	12° II 18'26	
evening set	-11653 Aug 30 j 08:12	28° II 38'04		inferior conj	-11652 Aug 19 j 00:36	6° II 11'09	-0°04'23
asc. node	-11653 Sep 02 j 09:12	25° II 46'22		minimum elong	-11652 Aug 19 j 00:41	6° II 10'52	0°03'47
inferior conj	-11653 Sep 04 j 20:51	22° II 38'37	0°47'03	transit middle	-11652 Aug 19 j 00:41	6° II 10'52	0°03'47
minimum elong	-11653 Sep 04 j 19:46	22° II 42'10	0°47'16	transit begin	-11652 Aug 18 j 22:02	6° II 19'54	
min. Earth dist.	-11653 Sep 05 j 20:36	21° II 20'29	0.66342 AU	transit end	-11652 Aug 19 j 03:20	6° II 01'50	
morning rise	-11653 Sep 10 j 07:04	16° II 19'14		asc. node	-11652 Aug 19 j 06:09	5° II 52'13	
direct	-11653 Sep 16 j 01:16	13° II 51'51		min. Earth dist.	-11652 Aug 19 j 13:30	5° II 27'08	0.66921 AU
morning max el	-11653 Sep 27 j 23:32	20° II 55'41	25°18'52	morning rise	-11652 Aug 24 j 08:46	29° B 50'28	
	-11653 Oct 05 j 21:02	0° E			-11652 Aug 24 j 04:24	30° R B	
desc. node	-11653 Oct 19 j 23:51	19° E 56'13		direct	-11652 Aug 29 j 12:36	27° B 40'04	
	-11653 Oct 26 j 07:25	0° O			-11652 Sep 04 j 14:08	0° II	
morning set	-11653 Nov 03 j 00:03	13° O 13'21		morning max el	-11652 Sep 09 j 09:20	4° II 10'58	23°58'15
max. Earth dist.	-11653 Nov 06 j 21:13	20° O 19'36	1.36960 AU		-11652 Sep 29 j 04:52	0° E	
	-11653 Nov 11 j 22:24	0° M		desc. node	-11652 Oct 05 j 20:42	10° E 10'59	
superior conj	-11653 Nov 12 j 21:31	1° M 53'50	-1°38'41	morning set	-11652 Oct 14 j 15:27	24° E 33'10	
minimum elong	-11653 Nov 12 j 21:46	1° M 55'07	1°38'21		-11652 Oct 17 j 19:09	0° O	
evening rise	-11653 Nov 20 j 23:44	18° M 11'24		max. Earth dist.	-11652 Oct 18 j 20:20	1° O 50'54	1.38886 AU
	-11653 Nov 27 j 01:41	0° E					
asc. node	-11653 Nov 29 j 07:41	3° E 59'06		superior conj	-11652 Oct 26 j 01:16	15° O 02'03	-1°36'17
evening max el	-11653 Dec 08 j 12:16	16° E 23'50	19°39'14	minimum elong	-11652 Oct 25 j 23:47	14° O 55'03	1°35'44
retrograde	-11653 Dec 18 j 00:43	20° E 53'05			-11652 Nov 02 j 19:06	0° M	
evening set	-11653 Dec 20 j 14:03	20° E 35'11		evening rise	-11652 Nov 03 j 22:10	2° M 12'16	
inferior conj	-11653 Dec 28 j 22:54	16° E 28'51	3°51'19	asc. node	-11652 Nov 15 j 04:59	22° M 22'31	
minimum elong	-11653 Dec 29 j 03:13	16° E 21'55	3°50'33	evening max el	-11652 Nov 20 j 09:56	28° M 46'37	18°48'20
min. Earth dist.	-11653 Dec 31 j 11:14	14° E 52'22	0.56620 AU		-11652 Nov 21 j 19:08	0° E	
morning rise	-11652 Jan 06 j 14:16	11° E 46'48		retrograde	-11652 Nov 28 j 15:07	2° E 44'57	
direct	-11652 Jan 11 j 04:23	10° E 59'20		evening set	-11652 Dec 01 j 02:58	2° E 24'26	
desc. node	-11652 Jan 16 j 01:27	11° E 53'59			-11652 Dec 06 j 02:43	30° R M	
morning max el	-11652 Jan 25 j 00:32	17° E 56'59	24°20'28	inferior conj	-11652 Dec 08 j 22:51	27° M 59'55	4°16'20
	-11652 Feb 03 j 21:19	0° M		minimum elong	-11652 Dec 08 j 23:29	27° M 58'45	4°16'23
morning set	-11652 Feb 19 j 03:14	27° M 39'02		min. Earth dist.	-11652 Dec 12 j 02:03	25° M 42'09	0.58176 AU
	-11652 Feb 20 j 05:57	0° J		morning rise	-11652 Dec 16 j 18:05	22° M 54'26	
asc. node	-11652 Feb 25 j 05:28	10° J 42'56		direct	-11652 Dec 22 j 14:42	21° M 31'35	
				desc. node	-11651 Jan 01 j 22:09	25° M 33'30	
superior conj	-11652 Feb 26 j 03:47	12° J 43'27	0°08'53	morning max el	-11651 Jan 05 j 15:50	28° M 44'44	25°49'26
minimum elong	-11652 Feb 26 j 03:25	12° J 41'32	0°08'12		-11651 Jan 06 j 22:15	0° E	
behind sun begin	-11652 Feb 25 j 23:01	12° J 17'45			-11651 Jan 27 j 06:33	0° M	
behind sun end	-11652 Feb 26 j 07:50	13° J 05'18		morning set	-11651 Feb 02 j 15:22	12° M 43'37	
max. Earth dist.	-11652 Feb 27 j 18:41	16° J 12'31	1.33370 AU				
evening rise	-11652 Mar 04 j 14:58	28° J 24'07		superior conj	-11651 Feb 09 j 14:33	27° M 44'32	-0°14'21

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

minimum elong	-11651 Feb 09 j 15:10	27° \mathbb{M} 47'50	0°14'45	superior conj	-11650 Jan 25 j 02:24	12° \mathbb{M} 48'31	-0°36'22
behind sun begin	-11651 Feb 09 j 13:25	27° \mathbb{M} 38'18		minimum elong	-11650 Jan 25 j 03:48	12° \mathbb{M} 56'10	0°36'32
behind sun end	-11651 Feb 09 j 16:55	27° \mathbb{M} 57'23		max. Earth dist.	-11650 Jan 24 j 19:59	12° \mathbb{M} 13'28	1.32783 AU
max. Earth dist.	-11651 Feb 10 j 06:26	29° \mathbb{M} 11'02	1.32917 AU	asc. node	-11650 Jan 28 j 23:53	21° \mathbb{M} 17'12	
	-11651 Feb 10 j 15:26	0° \mathbb{A}		evening rise	-11650 Feb 01 j 03:43	28° \mathbb{M} 00'05	
asc. node	-11651 Feb 11 j 02:39	1° \mathbb{A} 00'54			-11650 Feb 02 j 02:51	0° \mathbb{A}	
evening rise	-11651 Feb 16 j 19:16	13° \mathbb{A} 06'21			-11650 Feb 19 j 05:30	0° \mathbb{B}	
	-11651 Feb 25 j 13:44	0° \mathbb{B}		evening max el	-11650 Mar 01 j 14:10	12° \mathbb{B} 25'05	26°03'10
	-11651 Mar 18 j 18:26	0° \approx		retrograde	-11650 Mar 15 j 16:53	19° \mathbb{B} 42'55	
evening max el	-11651 Mar 19 j 14:40	0° \approx 49'45	27°00'10	desc. node	-11650 Mar 17 j 19:42	19° \mathbb{B} 31'46	
desc. node	-11651 Mar 30 j 22:36	7° \approx 58'05		evening set	-11650 Mar 21 j 09:56	18° \mathbb{B} 22'35	
retrograde	-11651 Apr 02 j 16:11	8° \approx 17'34		min. Earth dist.	-11650 Mar 26 j 03:25	15° \mathbb{B} 30'28	0.58651 AU
evening set	-11651 Apr 09 j 04:29	6° \approx 22'19		inferior conj	-11650 Mar 29 j 10:09	13° \mathbb{B} 02'38	-2°35'38
min. Earth dist.	-11651 Apr 13 j 03:42	3° \approx 31'04	0.60629 AU	minimum elong	-11650 Mar 29 j 06:38	13° \mathbb{B} 09'18	2°35'33
inferior conj	-11651 Apr 16 j 10:33	0° \approx 40'06	-3°14'30	morning rise	-11650 Apr 06 j 06:26	8° \mathbb{B} 33'58	
minimum elong	-11651 Apr 16 j 08:28	0° \approx 44'39	3°14'52	direct	-11650 Apr 08 j 14:42	8° \mathbb{B} 15'15	
	-11651 Apr 17 j 05:03	30° \mathbb{K} \mathbb{B}		morning max el	-11650 Apr 16 j 13:05	12° \mathbb{B} 03'06	18°35'20
morning rise	-11651 Apr 23 j 14:39	25° \mathbb{B} 51'20		asc. node	-11650 Apr 26 j 23:00	26° \mathbb{B} 57'53	
direct	-11651 Apr 26 j 03:13	25° \mathbb{B} 25'28			-11650 Apr 28 j 15:01	0° \approx	
morning max el	-11651 May 03 j 04:12	28° \mathbb{B} 53'33	18°09'07	morning set	-11650 May 02 j 18:40	7° \approx 51'49	
	-11651 May 04 j 06:04	0° \approx					
asc. node	-11651 May 10 j 02:07	8° \approx 00'31		superior conj	-11650 May 11 j 23:33	25° \approx 24'46	1°42'22
morning set	-11651 May 19 j 07:47	24° \approx 22'11		minimum elong	-11650 May 11 j 21:07	25° \approx 13'28	1°41'50
	-11651 May 22 j 08:52	0° \mathbb{H}			-11650 May 14 j 11:19	0° \mathbb{H}	
				max. Earth dist.	-11650 May 19 j 02:00	8° \mathbb{H} 14'40	1.39610 AU
superior conj	-11651 May 29 j 15:34	13° \mathbb{H} 10'51	1°49'15	evening rise	-11650 May 23 j 11:51	15° \mathbb{H} 49'16	
minimum elong	-11651 May 29 j 15:10	13° \mathbb{H} 09'07	1°49'02		-11650 Jun 01 j 05:26	0° \mathbb{Y}	
max. Earth dist.	-11651 Jun 06 j 00:43	25° \mathbb{H} 54'27	1.41456 AU	desc. node	-11650 Jun 13 j 17:19	18° \mathbb{Y} 31'39	
	-11651 Jun 08 j 11:44	0° \mathbb{Y}			-11650 Jun 22 j 11:29	0° \mathbb{B}	
evening rise	-11651 Jun 12 j 00:21	5° \mathbb{Y} 44'51		evening max el	-11650 Jun 27 j 12:31	5° \mathbb{B} 37'10	23°40'18
desc. node	-11651 Jun 26 j 19:50	28° \mathbb{Y} 31'33		retrograde	-11650 Jul 08 j 02:40	11° \mathbb{B} 54'25	
	-11651 Jun 27 j 20:04	0° \mathbb{B}		evening set	-11650 Jul 13 j 07:27	9° \mathbb{B} 40'23	
evening max el	-11651 Jul 15 j 00:35	22° \mathbb{B} 17'36	22°18'15	min. Earth dist.	-11650 Jul 18 j 04:17	3° \mathbb{B} 53'56	0.67194 AU
retrograde	-11651 Jul 24 j 10:33	27° \mathbb{B} 52'29		inferior conj	-11650 Jul 18 j 12:44	3° \mathbb{B} 24'57	-1°38'21
evening set	-11651 Jul 29 j 00:48	25° \mathbb{B} 59'28		minimum elong	-11650 Jul 18 j 14:35	3° \mathbb{B} 18'36	1°37'23
inferior conj	-11651 Aug 03 j 06:28	19° \mathbb{B} 46'51	-0°53'20		-11650 Jul 21 j 03:02	30° \mathbb{K} \mathbb{Y}	
minimum elong	-11651 Aug 03 j 07:33	19° \mathbb{B} 43'06	0°52'27	morning rise	-11650 Jul 23 j 21:40	27° \mathbb{Y} 12'19	
min. Earth dist.	-11651 Aug 03 j 08:49	19° \mathbb{B} 38'43	0.67209 AU	asc. node	-11650 Jul 23 j 23:53	27° \mathbb{Y} 08'05	
asc. node	-11651 Aug 06 j 03:03	16° \mathbb{B} 00'07		direct	-11650 Jul 27 j 23:33	25° \mathbb{Y} 38'33	
morning rise	-11651 Aug 08 j 14:13	13° \mathbb{B} 28'30			-11650 Aug 04 j 19:32	0° \mathbb{B}	
direct	-11651 Aug 13 j 04:19	11° \mathbb{B} 36'41		morning max el	-11650 Aug 05 j 14:15	0° \mathbb{B} 46'55	21°14'27
morning max el	-11651 Aug 22 j 21:24	17° \mathbb{B} 27'05	22°34'14		-11650 Aug 26 j 23:18	0° \mathbb{I}	
	-11651 Sep 02 j 03:22	0° \mathbb{I}		morning set	-11650 Sep 04 j 17:48	13° \mathbb{I} 30'36	
	-11651 Sep 22 j 08:02	0° \mathbb{E}		desc. node	-11650 Sep 09 j 14:39	21° \mathbb{I} 13'44	
desc. node	-11651 Sep 22 j 17:37	0° \mathbb{E} 38'10		max. Earth dist.	-11650 Sep 13 j 02:15	26° \mathbb{I} 51'58	1.42603 AU
morning set	-11651 Sep 25 j 04:37	4° \mathbb{E} 35'20			-11650 Sep 15 j 00:04	0° \mathbb{E}	
max. Earth dist.	-11651 Sep 30 j 20:42	13° \mathbb{E} 58'27	1.40858 AU				
				superior conj	-11650 Sep 19 j 22:15	8° \mathbb{E} 14'55	-0°59'23
superior conj	-11651 Oct 08 j 11:24	27° \mathbb{E} 13'49	-1°23'54	minimum elong	-11650 Sep 19 j 17:56	7° \mathbb{E} 56'35	0°58'16
minimum elong	-11651 Oct 08 j 08:00	26° \mathbb{E} 58'35	1°23'01	evening rise	-11650 Oct 01 j 11:31	28° \mathbb{E} 31'02	
	-11651 Oct 10 j 00:16	0° \mathbb{Q}			-11650 Oct 02 j 07:21	0° \mathbb{Q}	
evening rise	-11651 Oct 18 j 11:20	15° \mathbb{Q} 41'43		evening max el	-11650 Oct 18 j 02:48	24° \mathbb{Q} 45'10	18°07'06
	-11651 Oct 26 j 07:51	0° \mathbb{M}		asc. node	-11650 Oct 19 j 23:30	26° \mathbb{Q} 23'48	
asc. node	-11651 Nov 02 j 02:16	9° \mathbb{M} 55'34		retrograde	-11650 Oct 24 j 21:54	28° \mathbb{Q} 17'55	
evening max el	-11651 Nov 03 j 15:40	11° \mathbb{M} 36'02	18°17'47	evening set	-11650 Oct 27 j 11:06	27° \mathbb{Q} 47'54	
retrograde	-11651 Nov 10 j 23:15	15° \mathbb{M} 16'09		inferior conj	-11650 Nov 03 j 06:25	22° \mathbb{Q} 41'08	3°39'46
evening set	-11651 Nov 13 j 10:52	14° \mathbb{M} 51'47		minimum elong	-11650 Nov 03 j 02:43	22° \mathbb{Q} 50'06	3°39'29
inferior conj	-11651 Nov 20 j 18:02	10° \mathbb{M} 05'48	4°08'54	min. Earth dist.	-11650 Nov 06 j 02:06	19° \mathbb{Q} 57'34	0.61822 AU
minimum elong	-11651 Nov 20 j 15:40	10° \mathbb{M} 10'50	4°08'56	morning rise	-11650 Nov 09 j 17:10	16° \mathbb{Q} 57'29	
min. Earth dist.	-11651 Nov 23 j 21:54	7° \mathbb{M} 25'12	0.59999 AU	direct	-11650 Nov 16 j 18:24	14° \mathbb{Q} 29'42	
morning rise	-11651 Nov 27 j 18:56	4° \mathbb{M} 39'36		morning max el	-11650 Nov 30 j 15:10	21° \mathbb{Q} 59'02	27°30'27
direct	-11651 Dec 04 j 11:52	2° \mathbb{M} 39'56		desc. node	-11650 Dec 06 j 15:26	28° \mathbb{Q} 34'10	
morning max el	-11651 Dec 18 j 12:18	10° \mathbb{M} 02'21	26°55'59		-11650 Dec 07 j 19:12	0° \mathbb{M}	
desc. node	-11651 Dec 19 j 18:48	11° \mathbb{M} 17'49			-11650 Dec 26 j 22:52	0° \mathbb{L}	
	-11650 Jan 03 j 00:01	0° \mathbb{L}		morning set	-11649 Jan 02 j 07:16	12° \mathbb{L} 24'42	
morning set	-11650 Jan 18 j 01:23	27° \mathbb{L} 41'21		max. Earth dist.	-11649 Jan 08 j 07:35	25° \mathbb{L} 06'17	1.32985 AU
	-11650 Jan 19 j 03:53	0° \mathbb{M}					

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11649 Jan 09 j 13:40	27° Ω 49'16	-0°56'29	max. Earth dist.	-11649 Dec 22 j 13:35	7° Ω 37'30	1.33561 AU
minimum elong	-11649 Jan 09 j 15:35	27° Ω 59'45	0°56'27				
	-11649 Jan 10 j 13:43	0° \mathbb{M}		superior conj	-11649 Dec 24 j 22:37	12° Ω 40'36	-1°13'53
asc. node	-11649 Jan 15 j 21:11	11° \mathbb{M} 27'26		minimum elong	-11649 Dec 25 j 00:43	12° Ω 51'54	1°13'44
evening rise	-11649 Jan 16 j 14:26	12° \mathbb{M} 58'24		evening rise	-11648 Jan 01 j 01:44	27° Ω 55'18	
	-11649 Jan 25 j 07:47	0° \mathcal{A}			-11648 Jan 02 j 01:39	0° \mathbb{M}	
evening max el	-11649 Feb 11 j 08:50	23° \mathcal{A} 29'27	24°42'11	asc. node	-11648 Jan 02 j 18:31	1° \mathbb{M} 26'53	
	-11649 Feb 21 j 19:35	0° \mathcal{B}			-11648 Jan 20 j 00:07	0° \mathcal{A}	
retrograde	-11649 Feb 25 j 06:31	0° \mathcal{B} 27'34		evening max el	-11648 Jan 24 j 02:22	4° \mathcal{A} 22'00	23°09'15
	-11649 Feb 28 j 17:41	30° \mathcal{R} \mathcal{A}		retrograde	-11648 Feb 06 j 07:21	10° \mathcal{A} 46'11	
evening set	-11649 Mar 01 j 21:39	29° \mathcal{A} 38'45		evening set	-11648 Feb 09 j 21:59	10° \mathcal{A} 17'44	
desc. node	-11649 Mar 04 j 16:44	28° \mathcal{A} 26'06		min. Earth dist.	-11648 Feb 17 j 14:34	6° \mathcal{A} 46'40	0.55791 AU
min. Earth dist.	-11649 Mar 07 j 22:21	26° \mathcal{A} 32'45	0.56932 AU	inferior conj	-11648 Feb 18 j 23:54	5° \mathcal{A} 57'34	0°08'50
inferior conj	-11649 Mar 10 j 14:15	24° \mathcal{A} 48'14	-1°26'54	minimum elong	-11648 Feb 19 j 00:14	5° \mathcal{A} 57'03	0°08'07
minimum elong	-11649 Mar 10 j 11:13	24° \mathcal{A} 53'13	1°26'41	transit middle	-11648 Feb 19 j 00:14	5° \mathcal{A} 57'03	0°08'07
morning rise	-11649 Mar 19 j 03:59	20° \mathcal{A} 36'23		transit begin	-11648 Feb 18 j 20:46	6° \mathcal{A} 02'11	
direct	-11649 Mar 21 j 08:31	20° \mathcal{A} 22'45		transit end	-11648 Feb 19 j 03:43	5° \mathcal{A} 51'56	
morning max el	-11649 Mar 30 j 15:00	24° \mathcal{A} 45'38	19°21'10	desc. node	-11648 Feb 19 j 13:38	5° \mathcal{A} 37'20	
	-11649 Apr 04 j 03:28	0° \mathcal{B}		morning rise	-11648 Feb 28 j 04:20	1° \mathcal{A} 54'08	
asc. node	-11649 Apr 13 j 19:55	16° \mathcal{B} 23'24		direct	-11648 Mar 01 j 09:43	1° \mathcal{A} 42'00	
morning set	-11649 Apr 16 j 15:56	21° \mathcal{B} 56'33		morning max el	-11648 Mar 12 j 07:07	6° \mathcal{A} 52'17	20°26'30
	-11649 Apr 20 j 16:55	0° \approx			-11648 Mar 27 j 14:40	0° \mathcal{B}	
				morning set	-11648 Mar 30 j 20:28	6° \mathcal{B} 28'16	
superior conj	-11649 Apr 25 j 01:04	8° \approx 33'45	1°27'41	asc. node	-11648 Mar 30 j 16:57	6° \mathcal{B} 10'24	
minimum elong	-11649 Apr 24 j 22:01	8° \approx 18'56	1°26'49				
max. Earth dist.	-11649 May 01 j 02:14	20° \approx 02'02	1.37759 AU	superior conj	-11648 Apr 07 j 15:22	22° \mathcal{B} 24'55	1°08'09
evening rise	-11649 May 05 j 02:22	27° \approx 15'52		minimum elong	-11648 Apr 07 j 12:37	22° \mathcal{B} 11'03	1°07'08
	-11649 May 06 j 15:48	0° \mathcal{H}			-11648 Apr 11 j 10:44	0° \approx	
	-11649 May 25 j 15:58	0° \mathcal{Y}		max. Earth dist.	-11648 Apr 12 j 08:19	1° \approx 45'13	1.36114 AU
desc. node	-11649 May 31 j 14:48	8° \mathcal{Y} 06'25		evening rise	-11648 Apr 16 j 15:02	9° \approx 51'59	
evening max el	-11649 Jun 09 j 22:14	18° \mathcal{Y} 58'03	25°00'36		-11648 Apr 28 j 06:40	0° \mathcal{H}	
retrograde	-11649 Jun 21 j 15:02	25° \mathcal{Y} 51'17		desc. node	-11648 May 17 j 12:15	27° \mathcal{H} 05'26	
evening set	-11649 Jun 27 j 10:25	23° \mathcal{Y} 19'11			-11648 May 20 j 02:07	0° \mathcal{Y}	
min. Earth dist.	-11649 Jul 01 j 21:30	18° \mathcal{Y} 10'16	0.66851 AU	evening max el	-11648 May 22 j 08:20	2° \mathcal{Y} 20'33	26°10'23
inferior conj	-11649 Jul 02 j 17:37	17° \mathcal{Y} 03'16	-2°18'04	retrograde	-11648 Jun 03 j 22:46	9° \mathcal{Y} 38'04	
minimum elong	-11649 Jul 02 j 19:55	16° \mathcal{Y} 55'38	2°17'15	evening set	-11648 Jun 10 j 07:28	6° \mathcal{Y} 53'57	
morning rise	-11649 Jul 08 j 05:24	10° \mathcal{Y} 59'43		min. Earth dist.	-11648 Jun 14 j 10:07	2° \mathcal{Y} 24'21	0.66150 AU
asc. node	-11649 Jul 10 j 20:43	9° \mathcal{Y} 48'11		inferior conj	-11648 Jun 15 j 19:13	0° \mathcal{Y} 39'54	-2°51'01
direct	-11649 Jul 11 j 21:01	9° \mathcal{Y} 42'20		minimum elong	-11648 Jun 15 j 21:32	0° \mathcal{Y} 32'34	2°50'32
morning max el	-11649 Jul 19 j 13:21	14° \mathcal{Y} 12'13	20°04'39		-11648 Jun 16 j 07:53	30° \mathcal{R} \mathcal{H}	
	-11649 Jul 31 j 11:45	0° \mathcal{B}		morning rise	-11648 Jun 21 j 11:40	24° \mathcal{H} 48'30	
morning set	-11649 Aug 14 j 20:35	21° \mathcal{B} 58'26		direct	-11648 Jun 24 j 18:58	23° \mathcal{H} 45'31	
	-11649 Aug 19 j 23:47	0° \mathbb{I}		asc. node	-11648 Jun 26 j 17:32	24° \mathcal{H} 06'15	
max. Earth dist.	-11649 Aug 26 j 13:41	10° \mathbb{I} 25'18	1.43879 AU	morning max el	-11648 Jul 01 j 18:46	27° \mathcal{H} 43'57	19°08'43
desc. node	-11649 Aug 27 j 11:49	11° \mathbb{I} 53'52			-11648 Jul 03 j 19:31	0° \mathcal{Y}	
					-11648 Jul 23 j 19:17	0° \mathcal{B}	
superior conj	-11649 Aug 31 j 05:37	17° \mathbb{I} 56'09	-0°22'22	morning set	-11648 Jul 24 j 09:01	0° \mathcal{B} 54'26	
minimum elong	-11649 Aug 31 j 03:19	17° \mathbb{I} 46'47	0°21'27	max. Earth dist.	-11648 Aug 08 j 05:27	24° \mathcal{B} 24'24	1.44529 AU
	-11649 Sep 07 j 13:13	0° \mathcal{E}					
evening rise	-11649 Sep 13 j 17:43	10° \mathcal{E} 28'16		superior conj	-11648 Aug 09 j 12:59	26° \mathcal{B} 29'18	0°22'44
	-11649 Sep 25 j 11:23	0° Ω		minimum elong	-11648 Aug 09 j 15:47	26° \mathcal{B} 40'24	0°22'56
evening max el	-11649 Oct 01 j 16:23	8° Ω 07'24	18°15'20		-11648 Aug 11 j 18:04	0° \mathbb{I}	
asc. node	-11649 Oct 06 j 20:40	11° Ω 31'21		desc. node	-11648 Aug 13 j 09:04	2° \mathbb{I} 35'08	
retrograde	-11649 Oct 08 j 07:00	11° Ω 42'04		evening rise	-11648 Aug 25 j 00:18	21° \mathbb{I} 19'21	
evening set	-11649 Oct 10 j 23:59	11° Ω 04'01			-11648 Aug 30 j 08:09	0° \mathcal{E}	
inferior conj	-11649 Oct 17 j 08:39	5° Ω 38'39	2°57'50	evening max el	-11648 Sep 14 j 05:26	21° \mathcal{E} 35'59	18°41'23
minimum elong	-11649 Oct 17 j 04:58	5° Ω 48'38	2°57'22	retrograde	-11648 Sep 20 j 22:53	25° \mathcal{E} 21'29	
min. Earth dist.	-11649 Oct 19 j 16:07	3° Ω 08'29	0.63459 AU	asc. node	-11648 Sep 22 j 17:48	25° \mathcal{E} 03'30	
	-11649 Oct 22 j 23:26	30° \mathcal{R} \mathcal{E}		evening set	-11648 Sep 23 j 21:54	24° \mathcal{E} 32'27	
morning rise	-11649 Oct 23 j 09:08	29° \mathcal{E} 40'43		inferior conj	-11648 Sep 29 j 21:24	18° \mathcal{E} 51'14	2°08'59
direct	-11649 Oct 30 j 08:43	26° \mathcal{E} 58'30		minimum elong	-11648 Sep 29 j 18:31	18° \mathcal{E} 59'50	2°08'39
	-11649 Nov 07 j 13:06	0° Ω		min. Earth dist.	-11648 Oct 01 j 15:51	16° \mathcal{E} 45'07	0.64819 AU
morning max el	-11649 Nov 12 j 22:47	4° Ω 31'11	27°30'13	morning rise	-11648 Oct 05 j 14:35	12° \mathcal{E} 42'12	
desc. node	-11649 Nov 23 j 12:07	16° Ω 56'29		direct	-11648 Oct 12 j 05:29	9° \mathcal{E} 58'42	
	-11649 Dec 02 j 08:35	0° \mathbb{P}		morning max el	-11648 Oct 25 j 08:39	17° \mathcal{E} 28'11	26°58'08
morning set	-11649 Dec 17 j 06:35	26° \mathbb{P} 45'11			-11648 Nov 05 j 00:02	0° Ω	
	-11649 Dec 18 j 21:18	0° Ω		desc. node	-11648 Nov 09 j 08:48	6° Ω 04'58	

	-11648 Nov 24 j 04:00	0°ྐ					-11647 Oct 29 j 23:32	0°འ		
morning set	-11648 Nov 29 j 20:04	10°ྐ31'23			morning set	-11647 Nov 12 j 19:43	23°འ31'41			
max. Earth dist.	-11648 Dec 04 j 10:38	19°ྐ38'04	1.34554 AU			-11647 Nov 16 j 06:21	0°ྐ			
					max. Earth dist.	-11647 Nov 16 j 21:06	1°ྐ10'53	1.35974 AU		
superior conj	-11648 Dec 08 j 03:07	27°ྐ14'10	-1°27'38							
minimum elong	-11648 Dec 08 j 04:58	27°ྐ23'47	1°27'25		superior conj	-11647 Nov 22 j 00:43	11°ྐ22'18	-1°36'28		
	-11648 Dec 09 j 10:44	0°ཉ			minimum elong	-11647 Nov 22 j 01:44	11°ྐ27'26	1°36'11		
evening rise	-11648 Dec 15 j 11:52	12°ཉ43'46			evening rise	-11647 Nov 29 j 19:08	27°ྐ18'22			
asc. node	-11648 Dec 19 j 15:51	21°ཉ09'06				-11647 Dec 01 j 02:58	0°ཉ			
	-11648 Dec 24 j 11:26	0°མ			asc. node	-11647 Dec 06 j 13:10	10°ཉ27'25			
evening max el	-11647 Jan 04 j 23:41	15°མ23'36	21°37'25		evening max el	-11647 Dec 18 j 05:19	26°ཉ52'27	20°17'19		
retrograde	-11647 Jan 16 j 22:39	21°མ03'02				-11647 Dec 22 j 08:45	0°མ			
evening set	-11647 Jan 19 j 21:19	20°མ43'32			retrograde	-11647 Dec 28 j 15:07	1°མ45'45			
inferior conj	-11647 Jan 28 j 22:11	16°མ41'59	1°53'31		evening set	-11647 Dec 31 j 06:16	1°མ28'21			
minimum elong	-11647 Jan 29 j 02:46	16°མ35'28	1°51'42			-11646 Jan 04 j 09:04	30°རཉ			
min. Earth dist.	-11647 Jan 29 j 04:48	16°མ32'33	0.55452 AU		inferior conj	-11646 Jan 08 j 22:02	27°ཉ27'39	3°18'56		
desc. node	-11647 Feb 05 j 10:28	13°མ03'20			minimum elong	-11646 Jan 09 j 03:39	27°ཉ19'10	3°17'30		
morning rise	-11647 Feb 07 j 08:00	12°མ33'27			min. Earth dist.	-11646 Jan 10 j 18:03	26°ཉ21'21	0.55975 AU		
direct	-11647 Feb 10 j 01:18	12°མ16'54			morning rise	-11646 Jan 17 j 23:20	22°ཉ59'41			
morning max el	-11647 Feb 22 j 11:50	18°མ17'28	21°49'40		direct	-11646 Jan 21 j 18:24	22°ཉ27'59			
	-11647 Mar 03 j 18:01	0°ཨ			desc. node	-11646 Jan 23 j 07:14	22°ཉ33'20			
morning set	-11647 Mar 15 j 05:41	21°ཨ18'15			morning max el	-11646 Feb 04 j 06:52	29°ཉ09'25	23°24'46		
asc. node	-11647 Mar 17 j 14:01	26°ཨ12'11				-11646 Feb 05 j 03:30	0°མ			
	-11647 Mar 19 j 09:17	0°ཟ				-11646 Feb 24 j 15:27	0°ཨ			
					morning set	-11646 Feb 27 j 17:28	6°ཨ19'13			
superior conj	-11647 Mar 22 j 14:41	6°ཟ46'26	0°45'55		asc. node	-11646 Mar 04 j 11:06	16°ཨ23'42			
minimum elong	-11647 Mar 22 j 12:44	6°ཟ36'18	0°44'55							
max. Earth dist.	-11647 Mar 26 j 00:08	13°ཟ46'14	1.34777 AU		superior conj	-11646 Mar 06 j 20:09	21°ཨ29'21	0°22'28		
evening rise	-11647 Mar 30 j 20:02	23°ཟ20'00			minimum elong	-11646 Mar 06 j 19:13	21°ཨ24'18	0°21'39		
	-11647 Apr 03 j 09:02	0°ཨ			max. Earth dist.	-11646 Mar 09 j 01:39	26°ཨ13'13	1.33784 AU		
	-11647 Apr 21 j 21:33	0°ཨ				-11646 Mar 10 j 21:02	0°ཟ			
desc. node	-11647 May 04 j 09:37	15°ཨ13'58			evening rise	-11646 Mar 14 j 12:43	7°ཟ25'31			
evening max el	-11647 May 04 j 19:14	15°ཨ37'46	27°01'11			-11646 Mar 26 j 22:11	0°ཨ			
retrograde	-11647 May 18 j 01:21	23°ཨ08'08			evening max el	-11646 Apr 17 j 05:29	28°ཨ38'31	27°25'42		
evening set	-11647 May 24 j 20:06	20°ཨ21'30				-11646 Apr 18 j 16:11	0°ཨ			
min. Earth dist.	-11647 May 28 j 15:53	16°ཨ30'06	0.65057 AU		desc. node	-11646 Apr 21 j 06:55	2°ཨ11'12			
inferior conj	-11647 May 30 j 15:17	14°ཨ11'33	-3°15'15		retrograde	-11646 Apr 30 j 22:16	6°ཨ13'07			
minimum elong	-11647 May 30 j 17:07	14°ཨ06'12	3°15'13		evening set	-11646 May 07 j 21:13	3°ཨ36'20			
morning rise	-11647 Jun 05 j 14:29	8°ཨ35'12			min. Earth dist.	-11646 May 11 j 13:10	0°ཨ17'25	0.63572 AU		
direct	-11647 Jun 08 j 15:11	7°ཨ44'42				-11646 May 11 j 19:55	30°རཨ			
asc. node	-11647 Jun 13 j 14:21	9°ཨ51'55			inferior conj	-11646 May 14 j 03:13	27°ཨ33'17	-3°28'01		
morning max el	-11647 Jun 15 j 05:13	11°ཨ20'49	18°28'59		minimum elong	-11646 May 14 j 03:55	27°ཨ31'24	3°28'23		
	-11647 Jun 28 j 05:22	0°ཡ			morning rise	-11646 May 20 j 11:31	22°ཨ14'15			
morning set	-11647 Jul 04 j 20:18	10°ཡ54'06			direct	-11646 May 23 j 06:52	21°ཨ34'33			
	-11647 Jul 16 j 14:12	0°ཪ			morning max el	-11646 May 29 j 18:37	24°ཨ58'40	18°06'44		
					asc. node	-11646 May 31 j 11:09	26°ཨ49'10			
superior conj	-11647 Jul 19 j 13:17	4°ཪ43'52	1°05'22			-11646 Jun 02 j 22:08	0°ཨ			
minimum elong	-11647 Jul 19 j 19:47	5°ཪ09'43	1°05'03		morning set	-11646 Jun 16 j 08:41	22°ཨ03'33			
max. Earth dist.	-11647 Jul 21 j 22:30	8°ཪ31'10	1.44472 AU			-11646 Jun 20 j 23:46	0°ཡ			
desc. node	-11647 Jul 31 j 06:24	23°ཪ14'30								
	-11647 Aug 04 j 13:34	0°ཱ			superior conj	-11646 Jun 29 j 04:33	13°ཡ43'06	1°34'58		
evening rise	-11647 Aug 05 j 03:37	0°ཱ55'14			minimum elong	-11646 Jun 29 j 09:45	14°ཡ04'25	1°34'45		
greatest brilliancy	-11647 Aug 14 j 15:24	15°ཱ45'36	-0.8m		max. Earth dist.	-11646 Jul 04 j 13:01	22°ཡ24'37	1.43729 AU		
	-11647 Aug 24 j 08:23	0°ཱ				-11646 Jul 09 j 07:25	0°ཪ			
evening max el	-11647 Aug 28 j 15:09	5°ཱ06'01	19°24'09		evening rise	-11646 Jul 15 j 08:38	9°ཪ28'28			
retrograde	-11647 Sep 04 j 18:29	9°ཱ11'23			desc. node	-11646 Jul 18 j 03:47	13°ཪ48'16			
evening set	-11647 Sep 08 j 01:46	8°ཱ08'09				-11646 Jul 28 j 20:01	0°ཱ			
asc. node	-11647 Sep 09 j 14:52	6°ཱ56'26			evening max el	-11646 Aug 11 j 19:09	18°ཱ33'06	20°22'15		
inferior conj	-11647 Sep 13 j 17:49	2°ཱ14'16	1°17'12		retrograde	-11646 Aug 19 j 15:17	23°ཱ07'33			
minimum elong	-11647 Sep 13 j 16:03	2°ཱ19'54	1°17'10		evening set	-11646 Aug 23 j 09:00	21°ཱ46'59			
min. Earth dist.	-11647 Sep 15 j 00:02	0°ཱ37'53	0.65868 AU		asc. node	-11646 Aug 27 j 11:52	17°ཱ28'04			
	-11647 Sep 15 j 12:06	30°རཱ			inferior conj	-11646 Aug 28 j 19:29	15°ཱ43'35	0°25'01		
morning rise	-11647 Sep 19 j 06:01	25°ཱ57'33			minimum elong	-11646 Aug 28 j 18:54	15°ཱ45'30	0°25'25		
direct	-11647 Sep 25 j 08:12	23°ཱ22'38			min. Earth dist.	-11646 Aug 29 j 14:29	14°ཱ39'53	0.66617 AU		
	-11647 Oct 07 j 02:52	0°ཱ			morning rise	-11646 Sep 03 j 04:36	9°ཱ23'02			
morning max el	-11647 Oct 07 j 18:56	0°ཱ39'21	26°00'32		direct	-11646 Sep 08 j 16:32	7°ཱ02'43			
desc. node	-11647 Oct 27 j 05:33	25°ཱ46'23			morning max el	-11646 Sep 20 j 04:43	13°ཱ54'24	24°45'36		

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11646 Oct 03 j 08:00	0°☿		morning max el	-11645 Sep 02 j 15:07	27°☿09'19	23°22'19
desc. node	-11646 Oct 14 j 02:22	15°☿50'30			-11645 Sep 05 j 06:16	0°♊	
	-11646 Oct 22 j 19:28	0°♊			-11645 Sep 27 j 00:14	0°☿	
morning set	-11646 Oct 26 j 00:25	5°♊31'43		desc. node	-11645 Sep 30 j 23:14	6°☿10'38	
max. Earth dist.	-11646 Oct 29 j 22:27	12°♊32'13	1.37753 AU	morning set	-11645 Oct 07 j 04:54	16°☿18'21	
				max. Earth dist.	-11645 Oct 11 j 20:41	24°☿13'06	1.39730 AU
					-11645 Oct 15 j 03:36	0°♊	
superior conj	-11646 Nov 05 j 12:06	24°♊54'53	-1°38'45				
minimum elong	-11646 Nov 05 j 11:40	24°♊52'51	1°38'20				
	-11646 Nov 08 j 02:23	0°♋		superior conj	-11645 Oct 19 j 08:59	7°♊40'11	-1°32'23
evening rise	-11646 Nov 13 j 21:26	11°♋32'41		minimum elong	-11645 Oct 19 j 06:39	7°♊29'28	1°31'43
asc. node	-11646 Nov 23 j 10:28	29°♋13'30		evening rise	-11645 Oct 28 j 16:16	25°♊20'18	
	-11646 Nov 23 j 22:07	0°♌			-11645 Oct 31 j 02:46	0°♋	
evening max el	-11646 Nov 30 j 21:16	8°♌55'46	19°15'07	asc. node	-11645 Nov 10 j 07:47	17°♋16'52	
retrograde	-11646 Dec 09 j 19:40	13°♌10'39		evening max el	-11645 Nov 13 j 22:43	21°♋30'39	18°32'58
evening set	-11646 Dec 12 j 07:58	12°♌51'59		retrograde	-11645 Nov 21 j 17:31	25°♋19'31	
inferior conj	-11646 Dec 20 j 11:20	8°♌38'43	4°06'36	evening set	-11645 Nov 24 j 05:05	24°♋57'35	
minimum elong	-11646 Dec 20 j 14:09	8°♌33'55	4°06'16	inferior conj	-11645 Dec 01 j 19:31	20°♋24'29	4°16'31
min. Earth dist.	-11646 Dec 23 j 07:56	6°♌42'36	0.57223 AU	minimum elong	-11645 Dec 01 j 18:41	20°♋26'06	4°16'38
morning rise	-11646 Dec 28 j 18:12	3°♌46'00		min. Earth dist.	-11645 Dec 05 j 00:41	17°♋54'10	0.58930 AU
direct	-11645 Jan 02 j 21:51	2°♌44'31		morning rise	-11645 Dec 09 j 06:27	15°♋09'46	
desc. node	-11645 Jan 10 j 03:57	4°♌45'14		direct	-11645 Dec 15 j 13:22	13°♋30'19	
morning max el	-11645 Jan 16 j 21:39	9°♌50'50	25°00'14	desc. node	-11645 Dec 28 j 00:36	19°♋21'30	
	-11645 Feb 01 j 00:35	0°♍		morning max el	-11645 Dec 29 j 14:36	20°♋48'31	26°21'13
morning set	-11645 Feb 12 j 05:59	21°♍24'36			-11644 Jan 06 j 14:49	0°♌	
	-11645 Feb 16 j 06:24	0°♎			-11644 Jan 24 j 13:50	0°♍	
				morning set	-11644 Jan 27 j 17:26	6°♍26'56	
superior conj	-11645 Feb 19 j 05:34	6°♎26'12	-0°01'05				
minimum elong	-11645 Feb 19 j 05:39	6°♎26'34	0°01'39	superior conj	-11644 Feb 03 j 17:01	21°♍29'26	-0°23'51
behind sun begin	-11645 Feb 19 j 00:36	5°♎59'12		minimum elong	-11644 Feb 03 j 17:59	21°♍34'44	0°24'10
behind sun end	-11645 Feb 19 j 10:41	6°♎53'55		max. Earth dist.	-11644 Feb 03 j 23:17	22°♍03'37	1.32816 AU
asc. node	-11645 Feb 19 j 08:15	6°♎40'42		asc. node	-11644 Feb 06 j 05:26	26°♍58'24	
max. Earth dist.	-11645 Feb 20 j 10:28	9°♎02'30	1.33133 AU		-11644 Feb 07 j 15:06	0°♎	
evening rise	-11645 Feb 26 j 13:35	21°♎57'25		evening rise	-11644 Feb 10 j 19:54	6°♎45'35	
	-11645 Mar 02 j 15:03	0°♏			-11644 Feb 23 j 05:38	0°♏	
	-11645 Mar 20 j 22:44	0°♐		evening max el	-11644 Mar 11 j 16:08	23°♏10'08	26°39'33
evening max el	-11645 Mar 30 j 13:07	11°♐12'13	27°18'59		-11644 Mar 22 j 01:57	0°♐	
desc. node	-11645 Apr 08 j 04:09	17°♐29'11		desc. node	-11644 Mar 25 j 01:18	0°♐33'12	
retrograde	-11645 Apr 13 j 12:45	18°♐44'39		retrograde	-11644 Mar 25 j 19:04	0°♐34'36	
evening set	-11645 Apr 20 j 07:35	16°♐31'11			-11644 Mar 29 j 10:19	30°♐☿	
min. Earth dist.	-11645 Apr 24 j 01:31	13°♐33'43	0.61758 AU	evening set	-11644 Apr 01 j 00:01	28°♏54'18	
inferior conj	-11645 Apr 27 j 03:53	10°♐39'13	-3°25'18	min. Earth dist.	-11644 Apr 05 j 05:32	26°♏04'06	0.59776 AU
minimum elong	-11645 Apr 27 j 02:54	10°♐41'33	3°25'46	inferior conj	-11644 Apr 08 j 13:41	23°♏20'18	-3°01'29
morning rise	-11645 May 03 j 23:57	5°♐39'08		minimum elong	-11644 Apr 08 j 10:52	23°♏26'07	3°01'40
direct	-11645 May 06 j 14:47	5°♐08'44		morning rise	-11644 Apr 16 j 00:21	18°♏39'55	
morning max el	-11645 May 13 j 08:27	8°♐32'05	18°02'48	direct	-11644 Apr 18 j 10:59	18°♏17'21	
asc. node	-11645 May 18 j 07:59	14°♐43'10		morning max el	-11644 Apr 25 j 19:56	21°♏52'29	18°17'48
	-11645 May 27 j 09:59	0°♑			-11644 May 02 j 03:36	0°♐	
morning set	-11645 May 29 j 18:57	4°♑16'40		asc. node	-11644 May 04 j 04:49	3°♐20'14	
				morning set	-11644 May 11 j 22:09	17°♐21'32	
					-11644 May 18 j 16:10	0°♑	
superior conj	-11645 Jun 09 j 22:10	24°♑00'38	1°48'11				
minimum elong	-11645 Jun 09 j 23:39	24°♑07'02	1°48'04				
	-11645 Jun 13 j 10:40	0°♒		superior conj	-11644 May 21 j 17:30	5°♑35'14	1°47'31
max. Earth dist.	-11645 Jun 16 j 22:25	5°♒48'20	1.42411 AU	minimum elong	-11644 May 21 j 16:03	5°♑28'40	1°47'10
evening rise	-11645 Jun 24 j 10:22	17°♒53'08		max. Earth dist.	-11644 May 29 j 02:21	18°♑32'37	1.40694 AU
	-11645 Jul 02 j 06:08	0°♓		evening rise	-11644 Jun 03 j 06:26	27°♑11'42	
desc. node	-11645 Jul 05 j 01:12	4°♓12'57			-11644 Jun 04 j 23:45	0°♒	
	-11645 Jul 23 j 20:47	0°♊		desc. node	-11644 Jun 20 j 22:40	24°♒23'43	
evening max el	-11645 Jul 25 j 16:19	1°♊56'34	21°33'11		-11644 Jun 24 j 21:58	0°♓	
retrograde	-11645 Aug 03 j 11:18	7°♊08'00		evening max el	-11644 Jul 07 j 07:11	15°♓17'28	22°52'55
evening set	-11645 Aug 07 j 17:30	5°♊27'28		retrograde	-11644 Jul 17 j 05:05	21°♓10'18	
	-11645 Aug 12 j 11:59	30°♓☿		evening set	-11644 Jul 22 j 01:23	19°♓08'27	
inferior conj	-11645 Aug 13 j 00:21	29°♓17'32	-0°25'34	inferior conj	-11644 Jul 27 j 06:39	12°♓54'33	-1°13'00
minimum elong	-11645 Aug 13 j 00:53	29°♓15'42	0°24'49	minimum elong	-11644 Jul 27 j 08:05	12°♓49'34	1°12'03
min. Earth dist.	-11645 Aug 13 j 08:50	28°♓48'22	0.67079 AU	min. Earth dist.	-11644 Jul 27 j 04:34	13°♓01'44	0.67245 AU
asc. node	-11645 Aug 14 j 08:50	27°♓26'36		asc. node	-11644 Jul 31 j 05:44	7°♓54'18	
morning rise	-11645 Aug 18 j 08:08	22°♓57'05		morning rise	-11644 Aug 01 j 14:41	6°♓38'07	
direct	-11645 Aug 23 j 05:56	20°♓54'26		direct	-11644 Aug 05 j 23:28	4°♓53'51	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11642 Jul 28 j 09:35	0°♄		minimum elong	-11641 Jun 09 j 17:58	23°♄38'53	3°02'14
morning set	-11642 Aug 05 j 18:05	13°♄00'13		morning rise	-11641 Jun 15 j 10:51	18°♄00'21	
	-11642 Aug 16 j 13:39	0°♄		direct	-11641 Jun 18 j 15:02	17°♄03'07	
max. Earth dist.	-11642 Aug 18 j 21:34	3°♄41'44	1.44241 AU	asc. node	-11641 Jun 21 j 20:10	17°♄58'37	
desc. node	-11642 Aug 21 j 14:33	8°♄00'49		morning max el	-11641 Jun 25 j 10:00	20°♄51'13	18°49'43
					-11641 Jul 02 j 12:06	0°♄	
superior conj	-11642 Aug 22 j 05:22	9°♄00'11	-0°03'44	morning set	-11641 Jul 16 j 15:13	22°♄20'17	
minimum elong	-11642 Aug 22 j 05:01	8°♄58'43	0°03'04		-11641 Jul 21 j 09:48	0°♄	
behind sun begin	-11642 Aug 21 j 18:09	8°♄15'14					
behind sun end	-11642 Aug 22 j 15:52	9°♄42'15		superior conj	-11641 Aug 01 j 06:57	17°♄17'32	0°41'53
	-11642 Sep 04 j 01:39	0°♄		minimum elong	-11641 Aug 01 j 11:50	17°♄36'51	0°41'46
evening rise	-11642 Sep 05 j 14:35	2°♄34'01		max. Earth dist.	-11641 Aug 01 j 13:42	17°♄44'16	1.44590 AU
	-11642 Sep 23 j 07:27	0°♄		desc. node	-11641 Aug 08 j 11:51	28°♄41'43	
evening max el	-11642 Sep 24 j 09:22	1°♄10'06	18°24'11		-11641 Aug 09 j 07:35	0°♄	
asc. node	-11642 Sep 30 j 23:29	4°♄48'40		evening rise	-11641 Aug 17 j 09:38	12°♄53'03	
retrograde	-11642 Oct 01 j 00:27	4°♄48'41			-11641 Aug 28 j 03:51	0°♄	
evening set	-11642 Oct 03 j 19:38	4°♄06'24		evening max el	-11641 Sep 07 j 21:15	14°♄39'40	18°57'37
	-11642 Oct 08 j 17:13	30°♄		retrograde	-11641 Sep 14 j 18:15	18°♄32'44	
inferior conj	-11642 Oct 10 j 00:11	28°♄33'43	2°37'41	evening set	-11641 Sep 17 j 20:23	17°♄38'16	
minimum elong	-11642 Oct 09 j 20:47	28°♄43'22	2°37'14	asc. node	-11641 Sep 17 j 20:34	17°♄38'00	
min. Earth dist.	-11642 Oct 12 j 02:02	26°♄12'47	0.64076 AU	inferior conj	-11641 Sep 23 j 16:32	11°♄51'26	1°47'13
morning rise	-11642 Oct 15 j 21:13	22°♄30'20		minimum elong	-11641 Sep 23 j 14:05	11°♄58'55	1°46'59
direct	-11642 Oct 22 j 17:34	19°♄46'15		min. Earth dist.	-11641 Sep 25 j 05:44	9°♄57'09	0.65303 AU
morning max el	-11642 Nov 05 j 03:58	27°♄19'04	27°20'08	morning rise	-11641 Sep 29 j 07:19	5°♄38'28	
	-11642 Nov 07 j 18:17	0°♄		direct	-11641 Oct 05 j 17:08	2°♄57'20	
desc. node	-11642 Nov 17 j 14:33	12°♄18'42		morning max el	-11641 Oct 18 j 14:13	10°♄23'39	26°36'11
	-11642 Nov 29 j 01:47	0°♄			-11641 Nov 03 j 07:13	0°♄	
morning set	-11642 Dec 10 j 00:55	20°♄00'29		desc. node	-11641 Nov 04 j 11:18	1°♄42'47	
	-11642 Dec 14 j 23:27	0°♄			-11641 Nov 21 j 12:19	0°♄	
max. Earth dist.	-11642 Dec 15 j 00:58	0°♄07'50	1.33931 AU	morning set	-11641 Nov 23 j 09:07	3°♄29'20	
				max. Earth dist.	-11641 Nov 27 j 17:18	11°♄54'34	1.35101 AU
superior conj	-11642 Dec 17 j 22:35	6°♄13'37	-1°20'15				
minimum elong	-11642 Dec 18 j 00:39	6°♄24'32	1°20'04	superior conj	-11641 Dec 02 j 00:31	20°♄37'50	-1°32'05
evening rise	-11642 Dec 25 j 03:42	21°♄33'45		minimum elong	-11641 Dec 02 j 02:05	20°♄45'54	1°31'50
asc. node	-11642 Dec 27 j 21:21	27°♄11'08			-11641 Dec 06 j 12:24	0°♄	
	-11642 Dec 29 j 07:21	0°♄		evening rise	-11641 Dec 09 j 12:50	6°♄17'08	
evening max el	-11641 Jan 16 j 01:15	26°♄19'25	22°29'14	asc. node	-11641 Dec 14 j 18:41	16°♄44'17	
	-11641 Jan 20 j 19:16	0°♄			-11641 Dec 22 j 16:47	0°♄	
retrograde	-11641 Jan 28 j 19:16	2°♄26'17		evening max el	-11641 Dec 29 j 01:49	7°♄31'59	21°01'31
evening set	-11641 Feb 01 j 01:41	2°♄02'51		retrograde	-11640 Jan 09 j 09:36	12°♄51'12	
	-11641 Feb 06 j 08:19	30°♄		evening set	-11640 Jan 12 j 03:57	12°♄33'22	
min. Earth dist.	-11641 Feb 09 j 11:21	28°♄16'38	0.55531 AU	inferior conj	-11640 Jan 21 j 01:42	8°♄34'35	2°33'39
inferior conj	-11641 Feb 10 j 04:20	27°♄52'12	0°53'51	minimum elong	-11640 Jan 21 j 07:16	8°♄26'32	2°31'48
minimum elong	-11641 Feb 10 j 06:37	27°♄48'54	0°52'35	min. Earth dist.	-11640 Jan 22 j 01:30	8°♄00'12	0.55565 AU
desc. node	-11641 Feb 13 j 16:11	25°♄56'21		morning rise	-11640 Jan 30 j 09:29	4°♄18'40	
morning rise	-11641 Feb 19 j 12:38	23°♄48'44		desc. node	-11640 Jan 31 j 12:58	4°♄05'55	
direct	-11641 Feb 21 j 21:04	23°♄35'50		direct	-11640 Feb 02 j 12:07	3°♄57'18	
morning max el	-11641 Mar 05 j 11:32	29°♄08'02	21°00'07	morning max el	-11640 Feb 15 j 11:45	10°♄17'57	22°29'14
	-11641 Mar 06 j 08:41	0°♄			-11640 Feb 29 j 15:45	0°♄	
morning set	-11641 Mar 24 j 21:22	0°♄04'43		morning set	-11640 Mar 08 j 07:55	15°♄00'19	
	-11641 Mar 24 j 20:27	0°♄		asc. node	-11640 Mar 11 j 16:44	22°♄06'02	
asc. node	-11641 Mar 25 j 19:39	1°♄59'22			-11640 Mar 15 j 10:03	0°♄	
superior conj	-11641 Apr 01 j 11:35	15°♄48'01	0°58'57	superior conj	-11640 Mar 15 j 13:50	0°♄19'59	0°36'03
minimum elong	-11641 Apr 01 j 09:09	15°♄35'30	0°57'56	minimum elong	-11640 Mar 15 j 12:19	0°♄11'54	0°35'08
max. Earth dist.	-11641 Apr 05 j 14:45	24°♄08'26	1.35493 AU	max. Earth dist.	-11640 Mar 18 j 10:41	6°♄19'45	1.34308 AU
	-11641 Apr 08 j 14:54	0°♄		evening rise	-11640 Mar 23 j 13:08	16°♄35'46	
evening rise	-11641 Apr 10 j 02:37	2°♄49'38			-11640 Mar 30 j 17:55	0°♄	
	-11641 Apr 26 j 00:37	0°♄			-11640 Apr 19 j 10:50	0°♄	
desc. node	-11641 May 12 j 15:05	22°♄15'01		evening max el	-11640 Apr 27 j 00:40	8°♄32'13	27°15'15
evening max el	-11641 May 15 j 13:44	25°♄20'02	26°34'46	desc. node	-11640 Apr 28 j 12:23	9°♄56'23	
	-11641 May 21 j 02:19	0°♄		retrograde	-11640 May 10 j 12:12	16°♄05'36	
retrograde	-11641 May 28 j 11:49	2°♄45'15		evening set	-11640 May 17 j 09:25	13°♄21'44	
evening set	-11641 Jun 04 j 01:17	29°♄58'27		min. Earth dist.	-11640 May 21 j 03:07	9°♄44'51	0.64469 AU
	-11641 Jun 04 j 00:33	30°♄		inferior conj	-11640 May 23 j 08:45	7°♄14'04	-3°22'18
min. Earth dist.	-11641 Jun 08 j 00:38	25°♄45'32	0.65731 AU	minimum elong	-11640 May 23 j 10:10	7°♄10'02	3°22'28
inferior conj	-11641 Jun 09 j 15:47	23°♄45'35	-3°02'30	morning rise	-11640 May 29 j 11:29	1°♄44'33	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

direct	-11640 Jun 01 j 09:43	0° X 58'53		minimum elong	-11639 May 06 j 16:21	20° \approx 30'00	3°29'33
asc. node	-11640 Jun 07 j 16:59	4° X 16'39		morning rise	-11639 May 13 j 05:13	15° \approx 18'42	
morning max el	-11640 Jun 07 j 21:56	4° X 28'56	18°17'14	direct	-11639 May 15 j 22:41	14° \approx 42'58	
	-11640 Jun 24 j 20:54	0° Y		morning max el	-11639 May 22 j 11:45	18° \approx 05'17	18°02'47
morning set	-11640 Jun 26 j 13:22	2° Y 50'01		asc. node	-11639 May 25 j 13:47	21° \approx 39'38	
					-11639 May 31 j 02:44	0° X	
superior conj	-11640 Jul 10 j 11:19	25° Y 44'39	1°19'54	morning set	-11639 Jun 08 j 11:43	14° X 28'32	
minimum elong	-11640 Jul 10 j 17:49	26° Y 10'50	1°19'35		-11639 Jun 17 j 10:25	0° Y	
	-11640 Jul 13 j 03:01	0° Z					
max. Earth dist.	-11640 Jul 14 j 05:37	1° Z 46'02	1.44240 AU	superior conj	-11639 Jun 20 j 13:14	5° Y 15'35	1°42'31
desc. node	-11640 Jul 25 j 09:11	19° Z 19'13		minimum elong	-11639 Jun 20 j 16:55	5° Y 30'58	1°42'23
evening rise	-11640 Jul 27 j 01:56	21° Z 58'06		max. Earth dist.	-11639 Jun 26 j 18:44	15° Y 30'57	1.43234 AU
	-11640 Aug 01 j 06:04	0° II			-11639 Jul 05 j 21:31	0° Z	
greatest brilliancy	-11640 Aug 08 j 01:51	10° II 27'20	-0.7m	evening rise	-11639 Jul 06 j 02:46	0° Z 20'30	
evening max el	-11640 Aug 21 j 04:50	28° II 09'14	19°47'12	desc. node	-11639 Jul 12 j 06:35	9° Z 50'06	
	-11640 Aug 23 j 04:28	0° III			-11639 Jul 25 j 22:58	0° II	
retrograde	-11640 Aug 28 j 14:28	2° III 25'36		evening max el	-11639 Aug 04 j 06:08	11° II 35'58	20°51'03
evening set	-11640 Sep 01 j 01:57	1° III 15'25		retrograde	-11639 Aug 12 j 11:05	16° II 24'44	
	-11640 Sep 02 j 15:09	30° R II		evening set	-11639 Aug 16 j 10:00	14° II 55'47	
asc. node	-11640 Sep 03 j 17:37	28° II 52'16		inferior conj	-11639 Aug 21 j 18:42	8° II 49'21	0°03'15
inferior conj	-11640 Sep 06 j 15:26	25° II 17'25	0°54'58	minimum elong	-11639 Aug 21 j 18:37	8° II 49'39	0°03'49
minimum elong	-11640 Sep 06 j 14:10	25° II 21'32	0°55'07	transit middle	-11639 Aug 21 j 18:37	8° II 49'39	0°03'49
min. Earth dist.	-11640 Sep 07 j 16:50	23° II 54'29	0.66228 AU	transit begin	-11639 Aug 21 j 15:57	8° II 58'39	
morning rise	-11640 Sep 12 j 02:06	18° II 58'43		transit end	-11639 Aug 21 j 21:16	8° II 40'38	
direct	-11640 Sep 17 j 22:26	16° II 29'10		asc. node	-11639 Aug 21 j 14:36	9° II 03'17	
morning max el	-11640 Sep 30 j 00:00	23° II 36'30	25°30'08	min. Earth dist.	-11639 Aug 22 j 09:08	8° II 00'19	0.66854 AU
	-11640 Oct 05 j 17:50	0° III		morning rise	-11639 Aug 27 j 03:04	2° II 28'41	
desc. node	-11640 Oct 21 j 08:03	21° III 35'00		direct	-11639 Sep 01 j 08:59	0° II 15'44	
	-11640 Oct 26 j 15:59	0° II		morning max el	-11639 Sep 12 j 09:48	6° II 52'05	24°10'41
morning set	-11640 Nov 05 j 01:19	16° II 05'46			-11639 Sep 30 j 10:11	0° III	
max. Earth dist.	-11640 Nov 08 j 23:07	23° II 18'18	1.36693 AU	desc. node	-11639 Oct 08 j 04:55	11° III 47'14	
	-11640 Nov 12 j 10:54	0° IV		morning set	-11639 Oct 17 j 20:17	27° III 36'01	
					-11639 Oct 19 j 05:39	0° II	
superior conj	-11640 Nov 14 j 18:14	4° IV 32'35	-1°38'22	max. Earth dist.	-11639 Oct 21 j 22:42	4° II 46'23	1.38592 AU
minimum elong	-11640 Nov 14 j 18:43	4° IV 34'58	1°38'02				
evening rise	-11640 Nov 22 j 18:14	20° IV 43'56		superior conj	-11639 Oct 29 j 00:04	17° II 47'14	-1°37'14
	-11640 Nov 27 j 11:06	0° V		minimum elong	-11639 Oct 28 j 22:53	17° II 41'34	1°36'45
asc. node	-11640 Nov 30 j 16:01	5° V 50'13			-11639 Nov 04 j 07:05	0° IV	
evening max el	-11640 Dec 10 j 11:56	19° V 16'00	19°48'31	evening rise	-11639 Nov 06 j 17:44	4° IV 48'20	
retrograde	-11640 Dec 20 j 05:37	23° V 51'00		asc. node	-11639 Nov 17 j 13:20	24° IV 19'44	
evening set	-11640 Dec 22 j 19:26	23° V 33'15			-11639 Nov 21 j 20:10	0° V	
inferior conj	-11640 Dec 31 j 06:08	19° V 28'46	3°44'09	evening max el	-11639 Nov 23 j 08:07	1° V 33'23	18°54'36
minimum elong	-11640 Dec 31 j 10:53	19° V 21'16	3°43'11	retrograde	-11639 Dec 01 j 17:28	5° V 35'41	
min. Earth dist.	-11639 Jan 02 j 14:43	17° V 59'52	0.56435 AU	evening set	-11639 Dec 04 j 05:23	5° V 15'41	
morning rise	-11639 Jan 09 j 00:20	14° V 50'31		inferior conj	-11639 Dec 12 j 03:11	0° V 54'05	4°14'55
direct	-11639 Jan 13 j 09:31	14° V 07'35		minimum elong	-11639 Dec 12 j 04:22	0° V 51'55	4°14'53
desc. node	-11639 Jan 17 j 09:42	14° V 44'24			-11639 Dec 13 j 08:59	30° R IV	
morning max el	-11639 Jan 27 j 03:57	21° V 01'20	24°06'07	min. Earth dist.	-11639 Dec 15 j 05:05	28° IV 41'27	0.57920 AU
	-11639 Feb 03 j 20:17	0° VI		morning rise	-11639 Dec 20 j 01:24	25° IV 51'48	
morning set	-11639 Feb 20 j 20:13	0° X 03'44		direct	-11639 Dec 25 j 17:51	24° IV 34'43	
	-11639 Feb 20 j 19:30	0° X		desc. node	-11638 Jan 04 j 06:24	28° IV 01'30	
asc. node	-11639 Feb 26 j 13:51	12° X 20'14			-11638 Jan 06 j 19:49	0° V	
				morning max el	-11638 Jan 08 j 18:55	1° V 46'14	25°37'20
superior conj	-11639 Feb 27 j 21:13	15° X 09'19	0°12'27		-11638 Jan 28 j 16:37	0° VI	
minimum elong	-11639 Feb 27 j 20:43	15° X 06'35	0°11'44	morning set	-11638 Feb 05 j 08:30	15° VI 08'34	
behind sun begin	-11639 Feb 27 j 17:15	14° X 47'57					
behind sun end	-11639 Feb 28 j 00:10	15° X 25'13		superior conj	-11638 Feb 12 j 07:42	0° X 09'16	-0°10'53
max. Earth dist.	-11639 Mar 01 j 15:49	18° X 57'36	1.33471 AU	minimum elong	-11638 Feb 12 j 08:10	0° X 11'50	0°11'21
	-11639 Mar 06 j 23:02	0° Z		behind sun begin	-11638 Feb 12 j 04:39	29° VI 52'43	
evening rise	-11639 Mar 07 j 09:42	0° Z 53'47		behind sun end	-11638 Feb 12 j 11:40	0° X 30'56	
	-11639 Mar 23 j 18:04	0° \approx			-11638 Feb 12 j 05:59	0° X	
evening max el	-11639 Apr 09 j 10:22	21° \approx 23'29	27°26'56	max. Earth dist.	-11638 Feb 13 j 02:57	1° X 54'03	1.32964 AU
desc. node	-11639 Apr 15 j 09:38	26° \approx 15'19		asc. node	-11638 Feb 13 j 11:01	2° X 37'50	
retrograde	-11639 Apr 23 j 06:20	28° \approx 56'58		evening rise	-11638 Feb 19 j 13:10	15° X 33'18	
evening set	-11639 Apr 30 j 04:38	26° \approx 28'55			-11638 Feb 26 j 23:30	0° Z	
min. Earth dist.	-11639 May 03 j 20:40	23° \approx 20'32	0.62833 AU		-11638 Mar 19 j 03:15	0° \approx	
inferior conj	-11639 May 06 j 16:18	20° \approx 30'07	-3°29'07	evening max el	-11638 Mar 22 j 16:10	3° \approx 42'01	27°06'02

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

desc. node	-11638 Apr 02 j 06:51	10°≈40'24	evening max el	-11637 Mar 04 j 16:34	15°≈23'22	26°13'27	
retrograde	-11638 Apr 05 j 17:13	11°≈11'14	retrograde	-11637 Mar 18 j 19:37	22°≈34'31		
evening set	-11638 Apr 12 j 07:36	9°≈10'54	desc. node	-11637 Mar 20 j 03:57	22°≈38'57		
min. Earth dist.	-11638 Apr 16 j 05:04	6°≈18'38	0.60924 AU	evening set	-11637 Mar 24 j 15:59	21°≈17'59	
inferior conj	-11638 Apr 19 j 11:03	3°≈26'02	-3°18'11	min. Earth dist.	-11637 Mar 29 j 05:52	18°≈26'49	0.58935 AU
minimum elong	-11638 Apr 19 j 09:15	3°≈30'02	3°18'34	inferior conj	-11637 Apr 01 j 13:27	15°≈54'00	-2°43'25
	-11638 Apr 23 j 17:49	30°≈3'		minimum elong	-11637 Apr 01 j 10:04	16°≈00'34	2°43'24
morning rise	-11638 Apr 26 j 12:59	28°≈34'26		morning rise	-11637 Apr 09 j 07:11	11°≈22'28	
direct	-11638 Apr 29 j 02:10	28°≈07'25		direct	-11637 Apr 11 j 16:01	11°≈02'51	
	-11638 May 04 j 04:43	0°≈		morning max el	-11637 Apr 19 j 10:38	14°≈34'59	18°30'10
morning max el	-11638 May 06 j 00:55	1°≈33'46	18°06'56	asc. node	-11637 Apr 29 j 07:28	28°≈34'53	
asc. node	-11638 May 12 j 10:36	9°≈52'58			-11637 Apr 30 j 00:14	0°≈	
morning set	-11638 May 22 j 05:44	27°≈04'47		morning set	-11637 May 05 j 14:46	10°≈28'26	
	-11638 May 23 j 19:50	0°≈					
				superior conj	-11637 May 14 j 23:10	28°≈11'23	1°44'01
superior conj	-11638 Jun 01 j 18:16	16°≈07'00	1°49'23	minimum elong	-11637 May 14 j 20:57	28°≈01'07	1°43'31
minimum elong	-11638 Jun 01 j 18:19	16°≈07'14	1°49'12		-11637 May 15 j 22:47	0°≈	
max. Earth dist.	-11638 Jun 09 j 02:12	28°≈40'22	1.41711 AU	max. Earth dist.	-11637 May 22 j 03:53	11°≈05'57	1.39892 AU
	-11638 Jun 09 j 21:20	0°≈		evening rise	-11637 May 26 j 17:33	18°≈53'34	
evening rise	-11638 Jun 15 j 10:10	9°≈01'27			-11637 Jun 02 j 13:26	0°≈	
desc. node	-11638 Jun 29 j 04:03	0°≈09'46		desc. node	-11637 Jun 16 j 01:33	20°≈12'56	
	-11638 Jun 29 j 01:24	0°≈			-11637 Jun 23 j 08:23	0°≈	
evening max el	-11638 Jul 18 j 00:22	24°≈57'50	22°06'18	evening max el	-11637 Jun 30 j 12:58	8°≈17'34	23°28'01
	-11638 Jul 24 j 21:22	0°≈		retrograde	-11637 Jul 10 j 23:02	14°≈28'48	
retrograde	-11638 Jul 27 j 06:22	0°≈26'44		evening set	-11637 Jul 16 j 01:33	12°≈17'58	
	-11638 Jul 29 j 12:23	30°≈8'		inferior conj	-11637 Jul 21 j 06:45	6°≈02'45	-1°31'51
evening set	-11638 Jul 31 j 18:29	28°≈36'56		minimum elong	-11637 Jul 21 j 08:30	5°≈56'43	1°30'53
inferior conj	-11638 Aug 06 j 00:23	22°≈24'50	-0°46'11	min. Earth dist.	-11637 Jul 20 j 23:59	6°≈26'03	0.67216 AU
minimum elong	-11638 Aug 06 j 01:20	22°≈21'33	0°45'18	asc. node	-11637 Jul 26 j 08:24	0°≈03'03	
min. Earth dist.	-11638 Aug 06 j 04:18	22°≈11'17	0.67185 AU		-11637 Jul 26 j 09:53	30°≈9'	
asc. node	-11638 Aug 08 j 11:31	19°≈06'55		morning rise	-11637 Jul 26 j 15:23	29°≈48'57	
morning rise	-11638 Aug 11 j 08:06	16°≈05'48		direct	-11637 Jul 30 j 18:59	28°≈12'31	
direct	-11638 Aug 16 j 00:06	14°≈11'16			-11637 Aug 04 j 14:36	0°≈	
morning max el	-11638 Aug 25 j 21:26	20°≈08'13	22°46'37	morning max el	-11637 Aug 08 j 13:24	3°≈27'09	21°25'45
	-11638 Sep 03 j 04:00	0°≈			-11637 Aug 28 j 05:43	0°≈	
	-11638 Sep 23 j 16:18	0°≈		morning set	-11637 Sep 08 j 05:42	16°≈53'27	
desc. node	-11638 Sep 25 j 01:51	2°≈12'55		desc. node	-11637 Sep 11 j 22:54	22°≈47'38	
morning set	-11638 Sep 28 j 13:29	7°≈49'54		max. Earth dist.	-11637 Sep 16 j 02:50	29°≈32'41	1.42367 AU
max. Earth dist.	-11638 Oct 03 j 22:21	16°≈46'32	1.40573 AU		-11637 Sep 16 j 09:30	0°≈	
	-11638 Oct 11 j 11:24	0°≈					
				superior conj	-11637 Sep 23 j 03:55	11°≈21'00	-1°03'57
superior conj	-11638 Oct 11 j 13:12	0°≈08'07	-1°26'31	minimum elong	-11637 Sep 22 j 23:36	11°≈02'32	1°02'50
minimum elong	-11638 Oct 11 j 10:03	29°≈53'56	1°25'42		-11637 Oct 03 j 17:27	0°≈	
evening rise	-11638 Oct 21 j 08:31	18°≈22'49		evening rise	-11637 Oct 04 j 10:56	1°≈18'56	
	-11638 Oct 27 j 15:11	0°≈		evening max el	-11637 Oct 20 j 23:22	27°≈26'21	18°07'30
asc. node	-11638 Nov 04 j 10:38	12°≈01'13		asc. node	-11637 Oct 22 j 07:55	28°≈40'39	
evening max el	-11638 Nov 06 j 12:47	14°≈19'08	18°21'04		-11637 Oct 24 j 05:57	0°≈	
retrograde	-11638 Nov 13 j 23:04	18°≈01'17		retrograde	-11637 Oct 27 j 19:43	0°≈59'22	
evening set	-11638 Nov 16 j 10:33	17°≈37'38		evening set	-11637 Oct 30 j 08:36	0°≈30'18	
inferior conj	-11638 Nov 23 j 19:35	12°≈55'02	4°11'39		-11637 Oct 31 j 11:31	30°≈8'	
minimum elong	-11638 Nov 23 j 17:34	12°≈59'14	4°11'44	inferior conj	-11637 Nov 06 j 05:37	25°≈26'40	3°45'11
min. Earth dist.	-11638 Nov 27 j 00:08	10°≈16'19	0.59718 AU	minimum elong	-11637 Nov 06 j 02:02	25°≈35'13	3°44'56
morning rise	-11638 Nov 30 j 22:56	7°≈31'35		min. Earth dist.	-11637 Nov 09 j 02:57	22°≈42'17	0.61559 AU
direct	-11638 Dec 07 j 13:34	5°≈36'54		morning rise	-11637 Nov 12 j 18:14	19°≈45'32	
morning max el	-11638 Dec 21 j 14:29	12°≈58'38	26°48'01	direct	-11637 Nov 19 j 19:03	17°≈20'58	
desc. node	-11638 Dec 22 j 03:04	13°≈29'11		morning max el	-11637 Dec 03 j 16:23	24°≈49'27	27°27'33
	-11637 Jan 04 j 03:59	0°≈		desc. node	-11637 Dec 08 j 23:42	0°≈33'41	
morning set	-11637 Jan 20 j 19:00	0°≈08'10			-11637 Dec 08 j 12:18	0°≈	
	-11637 Jan 20 j 17:26	0°≈			-11637 Dec 28 j 09:16	0°≈	
				morning set	-11636 Jan 05 j 01:38	14°≈54'18	
superior conj	-11637 Jan 27 j 19:32	15°≈13'42	-0°33'08	max. Earth dist.	-11636 Jan 11 j 04:31	27°≈51'52	1.32929 AU
minimum elong	-11637 Jan 27 j 20:49	15°≈20'46	0°33'20				
max. Earth dist.	-11637 Jan 27 j 16:26	14°≈56'48	1.32777 AU	superior conj	-11636 Jan 12 j 07:00	0°≈15'36	-0°53'36
asc. node	-11637 Jan 31 j 08:15	22°≈54'55		minimum elong	-11636 Jan 12 j 08:52	0°≈25'46	0°53'35
evening rise	-11637 Feb 03 j 21:10	0°≈26'09			-11636 Jan 12 j 04:07	0°≈	
	-11637 Feb 03 j 16:09	0°≈		asc. node	-11636 Jan 18 j 05:33	13°≈06'35	
	-11637 Feb 20 j 06:33	0°≈		evening rise	-11636 Jan 19 j 07:39	15°≈24'28	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11636 Jan 26 j 16:42	0°♊					-11635 Jan 02 j 14:46	0°♋	
evening max el	-11636 Feb 14 j 11:56	26°♊32'08	24°55'26	asc. node	-11635 Jan 04 j 02:52	3°♋08'03			
	-11636 Feb 18 j 16:19	0°♋			-11635 Jan 19 j 16:44	0°♌			
retrograde	-11636 Feb 28 j 11:02	3°♋33'45		evening max el	-11635 Jan 26 j 05:16	7°♌24'35	23°23'15		
evening set	-11636 Mar 04 j 06:05	2°♋40'57		retrograde	-11635 Feb 08 j 13:21	13°♌54'25			
desc. node	-11636 Mar 06 j 00:58	1°♋56'03		evening set	-11635 Feb 12 j 07:23	13°♌23'40			
	-11636 Mar 09 j 11:35	30°♋♊		min. Earth dist.	-11635 Feb 19 j 17:51	9°♌57'16	0.55917 AU		
min. Earth dist.	-11636 Mar 10 j 01:31	29°♌37'42	0.57160 AU	desc. node	-11635 Feb 20 j 21:52	9°♌15'35			
inferior conj	-11636 Mar 12 j 20:35	27°♌45'50	-1°39'18	inferior conj	-11635 Feb 21 j 08:34	8°♌59'35	-0°06'51		
minimum elong	-11636 Mar 12 j 17:17	27°♌51'21	1°39'03	minimum elong	-11635 Feb 21 j 08:16	9°♌00'03	0°07'21		
morning rise	-11636 Mar 21 j 07:43	23°♌31'38		transit middle	-11635 Feb 21 j 08:16	9°♌00'03	0°07'21		
direct	-11636 Mar 23 j 12:40	23°♌17'24		transit begin	-11635 Feb 21 j 04:42	9°♌05'23			
morning max el	-11636 Apr 01 j 13:46	27°♌34'16	19°13'00	transit end	-11635 Feb 21 j 11:50	8°♌54'44			
	-11636 Apr 03 j 20:49	0°♋		morning rise	-11635 Mar 02 j 11:14	4°♌55'43			
asc. node	-11636 Apr 15 j 04:23	18°♋07'23		direct	-11635 Mar 04 j 16:07	4°♌43'36			
morning set	-11636 Apr 18 j 10:42	24°♋28'41		morning max el	-11635 Mar 15 j 07:23	9°♌46'04	20°15'34		
	-11636 Apr 21 j 05:31	0°♌			-11635 Mar 29 j 01:22	0°♍			
				asc. node	-11635 Apr 02 j 01:21	7°♍51'20			
superior conj	-11636 Apr 26 j 22:23	11°♌13'03	1°30'17	morning set	-11635 Apr 02 j 14:18	8°♍56'47			
minimum elong	-11636 Apr 26 j 19:22	10°♌58'25	1°29'28						
max. Earth dist.	-11636 May 03 j 03:58	22°♌57'16	1.38032 AU	superior conj	-11635 Apr 10 j 11:00	24°♍58'25	1°11'19		
evening rise	-11636 May 07 j 04:17	0°♎08'43		minimum elong	-11635 Apr 10 j 08:10	24°♍44'11	1°10'20		
	-11636 May 07 j 02:18	0°♎			-11635 Apr 12 j 23:32	0°♏			
	-11636 May 25 j 20:09	0°♏		max. Earth dist.	-11635 Apr 15 j 08:57	4°♏39'47	1.36342 AU		
desc. node	-11636 Jun 01 j 23:02	9°♏52'05		evening rise	-11635 Apr 19 j 13:58	12°♏35'13			
evening max el	-11636 Jun 11 j 22:54	21°♏38'32	24°49'08		-11635 Apr 29 j 14:48	0°♎			
retrograde	-11636 Jun 23 j 11:56	28°♏26'45		desc. node	-11635 May 19 j 20:27	28°♎57'14			
evening set	-11636 Jun 29 j 05:11	25°♏57'08			-11635 May 20 j 17:44	0°♏			
min. Earth dist.	-11636 Jul 03 j 17:43	20°♏42'27	0.66924 AU	evening max el	-11635 May 25 j 08:51	5°♏00'59	26°01'02		
inferior conj	-11636 Jul 04 j 11:58	19°♏41'18	-2°12'28	retrograde	-11635 Jun 06 j 20:18	12°♏15'23			
minimum elong	-11636 Jul 04 j 14:13	19°♏33'46	2°11'37	evening set	-11635 Jun 13 j 03:15	9°♏32'28			
morning rise	-11636 Jul 09 j 23:12	13°♏36'09		min. Earth dist.	-11635 Jun 17 j 07:03	4°♏57'08	0.66280 AU		
asc. node	-11636 Jul 12 j 05:14	12°♏28'31		inferior conj	-11635 Jun 18 j 14:08	3°♏18'07	-2°46'34		
direct	-11636 Jul 13 j 16:16	12°♏16'22		minimum elong	-11635 Jun 18 j 16:29	3°♏10'38	2°46'02		
morning max el	-11636 Jul 21 j 11:30	16°♏51'27	20°14'14		-11635 Jun 21 j 07:42	30°♎♊			
	-11636 Jul 31 j 15:35	0°♏		morning rise	-11635 Jun 24 j 05:47	27°♎24'51			
morning set	-11636 Aug 17 j 08:47	25°♏22'06		direct	-11635 Jun 27 j 14:14	26°♎19'51			
	-11636 Aug 20 j 08:02	0°♐		asc. node	-11635 Jun 29 j 02:01	26°♎32'10			
max. Earth dist.	-11636 Aug 28 j 13:38	13°♐01'51	1.43726 AU		-11635 Jul 04 j 07:12	0°♏			
desc. node	-11636 Aug 28 j 20:04	13°♐27'37		morning max el	-11635 Jul 04 j 16:00	0°♏22'13	19°16'05		
					-11635 Jul 25 j 03:04	0°♏			
superior conj	-11636 Sep 02 j 15:31	21°♐14'48	-0°28'41	morning set	-11635 Jul 27 j 18:37	4°♏10'50			
minimum elong	-11636 Sep 02 j 12:39	21°♐03'08	0°27'41	max. Earth dist.	-11635 Aug 11 j 05:10	26°♏59'06	1.44475 AU		
	-11636 Sep 07 j 22:35	0°♑							
evening rise	-11636 Sep 15 j 20:13	13°♑25'18		superior conj	-11635 Aug 13 j 01:35	29°♏55'19	0°15'49		
	-11636 Sep 25 j 15:18	0°♑		minimum elong	-11635 Aug 13 j 03:33	0°♐03'08	0°16'07		
evening max el	-11636 Oct 03 j 12:51	10°♑47'40	18°12'56	behind sun begin	-11635 Aug 13 j 01:36	29°♏55'20			
asc. node	-11636 Oct 08 j 05:07	14°♑02'01		behind sun end	-11635 Aug 13 j 05:31	0°♐10'57			
retrograde	-11636 Oct 10 j 03:33	14°♑21'21			-11635 Aug 13 j 02:46	0°♐			
evening set	-11636 Oct 12 j 19:53	13°♑44'35		desc. node	-11635 Aug 15 j 17:18	4°♐08'54			
inferior conj	-11636 Oct 19 j 06:02	8°♑21'44	3°04'45	evening rise	-11635 Aug 28 j 06:36	24°♐27'00			
minimum elong	-11636 Oct 19 j 02:18	8°♑31'44	3°04'17		-11635 Aug 31 j 15:49	0°♑			
min. Earth dist.	-11636 Oct 21 j 15:23	5°♑48'56	0.63235 AU	evening max el	-11635 Sep 17 j 02:06	24°♑15'23	18°36'23		
morning rise	-11636 Oct 25 j 07:51	2°♑25'53		retrograde	-11635 Sep 23 j 18:41	27°♑58'49			
	-11636 Oct 30 j 04:05	30°♑♋		asc. node	-11635 Sep 25 j 02:16	27°♑49'09			
direct	-11636 Nov 01 j 08:15	29°♑45'01		evening set	-11635 Sep 26 j 16:39	27°♑11'34			
	-11636 Nov 03 j 14:05	0°♑		inferior conj	-11635 Oct 02 j 17:23	21°♑32'22	2°16'41		
morning max el	-11636 Nov 14 j 23:23	7°♑17'01	27°32'23	minimum elong	-11635 Oct 02 j 14:21	21°♑41'19	2°16'17		
desc. node	-11636 Nov 24 j 20:21	18°♑47'40		min. Earth dist.	-11635 Oct 04 j 13:42	19°♑22'21	0.64635 AU		
	-11636 Dec 02 j 14:22	0°♒		morning rise	-11635 Oct 08 j 11:30	15°♑24'45			
morning set	-11636 Dec 19 j 02:05	29°♒18'40		direct	-11635 Oct 15 j 03:55	12°♑40'53			
	-11636 Dec 19 j 10:19	0°♒		morning max el	-11635 Oct 28 j 09:08	20°♑11'18	27°04'44		
max. Earth dist.	-11636 Dec 24 j 11:36	10°♒27'07	1.33455 AU		-11635 Nov 05 j 22:52	0°♒			
				desc. node	-11635 Nov 11 j 17:03	7°♒50'11			
superior conj	-11636 Dec 26 j 16:23	15°♒08'42	-1°11'29		-11635 Nov 25 j 14:06	0°♒			
minimum elong	-11636 Dec 26 j 18:30	15°♒20'02	1°11'20	morning set	-11635 Dec 02 j 17:15	13°♒10'43			
evening rise	-11635 Jan 02 j 18:57	0°♒22'01		max. Earth dist.	-11635 Dec 07 j 10:17	22°♒33'08	1.34384 AU		

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11635 Dec 10 j 21:41	29° ᠓ 45'16	-1°25'51	superior conj	-11634 Nov 24 j 20:28	13° ᠓ 57'42	-1°35'32
minimum elong	-11635 Dec 10 j 23:35	29° ᠓ 55'19	1°25'38	minimum elong	-11634 Nov 24 j 21:39	14° ᠓ 03'42	1°35'16
	-11635 Dec 11 j 00:29	0° ᠘		evening rise	-11634 Dec 02 j 13:09	29° ᠓ 49'07	
evening rise	-11635 Dec 18 j 05:22	15° ᠘ 12'08			-11634 Dec 02 j 15:17	0° ᠘	
asc. node	-11635 Dec 22 j 00:12	22° ᠘ 53'20		asc. node	-11634 Dec 08 j 21:33	12° ᠘ 16'01	
	-11635 Dec 25 j 18:44	0° ᠓		evening max el	-11634 Dec 21 j 05:47	29° ᠘ 47'23	20°28'12
evening max el	-11634 Jan 08 j 01:33	18° ᠓ 22'58	21°50'25		-11634 Dec 21 j 11:13	0° ᠓	
retrograde	-11634 Jan 20 j 05:41	24° ᠓ 09'42		retrograde	-11634 Dec 31 j 21:25	4° ᠓ 47'21	
evening set	-11634 Jan 23 j 06:07	23° ᠓ 49'23		evening set	-11633 Jan 03 j 13:06	4° ᠓ 30'02	
inferior conj	-11634 Feb 01 j 07:44	19° ᠓ 45'58	1°38'19	inferior conj	-11633 Jan 12 j 06:33	0° ᠓ 30'14	3°08'18
minimum elong	-11634 Feb 01 j 11:47	19° ᠓ 40'12	1°36'36	minimum elong	-11633 Jan 12 j 12:18	0° ᠓ 21'40	3°06'41
min. Earth dist.	-11634 Feb 01 j 08:10	19° ᠓ 45'21	0.55447 AU		-11633 Jan 13 j 02:49	30° ᠓ ᠘	
desc. node	-11634 Feb 07 j 18:40	16° ᠓ 30'44		min. Earth dist.	-11633 Jan 13 j 21:40	29° ᠘ 32'03	0.55842 AU
morning rise	-11634 Feb 10 j 17:37	15° ᠓ 39'24		morning rise	-11633 Jan 21 j 09:55	26° ᠘ 05'34	
direct	-11634 Feb 13 j 08:10	15° ᠓ 24'06		direct	-11633 Jan 25 j 00:18	25° ᠘ 37'04	
morning max el	-11634 Feb 25 j 13:47	21° ᠓ 17'21	21°36'27	desc. node	-11633 Jan 25 j 15:27	25° ᠘ 37'58	
	-11634 Mar 04 j 19:24	0° ᠗			-11633 Feb 04 j 20:42	0° ᠓	
morning set	-11634 Mar 17 j 22:57	23° ᠗ 44'43		morning max el	-11633 Feb 07 j 10:05	2° ᠓ 13'48	23°10'16
asc. node	-11634 Mar 19 j 22:23	27° ᠗ 51'21			-11633 Feb 26 j 02:58	0° ᠗	
	-11634 Mar 20 j 22:56	0° ᠜		morning set	-11633 Mar 02 j 10:28	8° ᠗ 44'38	
				asc. node	-11633 Mar 06 j 19:27	18° ᠗ 01'51	
superior conj	-11634 Mar 25 j 09:10	9° ᠜ 16'23	0°49'24	superior conj	-11633 Mar 09 j 13:53	23° ᠗ 56'55	0°26'04
minimum elong	-11634 Mar 25 j 07:05	9° ᠜ 05'34	0°48'23	minimum elong	-11633 Mar 09 j 12:47	23° ᠗ 51'04	0°25'12
max. Earth dist.	-11634 Mar 28 j 23:11	16° ᠜ 37'21	1.34949 AU	max. Earth dist.	-11633 Mar 11 j 23:13	29° ᠗ 00'02	1.33906 AU
evening rise	-11634 Apr 02 j 16:51	25° ᠜ 56'38			-11633 Mar 12 j 10:41	0° ᠜	
	-11634 Apr 04 j 20:22	0° ᠗		evening rise	-11633 Mar 17 j 08:03	9° ᠜ 57'38	
	-11634 Apr 23 j 00:10	0° ᠗			-11633 Mar 28 j 06:09	0° ᠗	
desc. node	-11634 May 06 j 17:48	17° ᠗ 14'48			-11633 Apr 18 j 20:45	0° ᠗	
evening max el	-11634 May 07 j 19:33	18° ᠗ 19'35	26°55'07	evening max el	-11633 Apr 20 j 05:58	1° ᠗ 23'30	27°23'57
retrograde	-11634 May 20 j 23:41	25° ᠗ 48'55		desc. node	-11633 Apr 23 j 15:06	4° ᠗ 24'34	
evening set	-11634 May 27 j 17:17	23° ᠗ 01'42		retrograde	-11633 May 03 j 21:37	8° ᠗ 58'22	
min. Earth dist.	-11634 May 31 j 13:53	19° ᠗ 05'02	0.65245 AU	evening set	-11633 May 10 j 20:21	6° ᠗ 19'14	
inferior conj	-11634 Jun 02 j 11:10	16° ᠗ 51'00	-3°12'18	min. Earth dist.	-11633 May 14 j 12:33	2° ᠗ 56'00	0.63813 AU
minimum elong	-11634 Jun 02 j 13:06	16° ᠗ 45'14	3°12'12	inferior conj	-11633 May 17 j 00:29	0° ᠗ 14'47	-3°27'04
morning rise	-11634 Jun 08 j 09:14	11° ᠗ 12'22		minimum elong	-11633 May 17 j 01:24	0° ᠗ 12'18	3°27'22
direct	-11634 Jun 11 j 10:47	10° ᠗ 20'12			-11633 May 17 j 05:58	30° ᠓ ᠗	
asc. node	-11634 Jun 15 j 22:49	12° ᠗ 05'55		morning rise	-11633 May 23 j 07:16	24° ᠗ 53'03	
morning max el	-11634 Jun 18 j 01:52	13° ᠗ 59'03	18°33'50	direct	-11633 May 26 j 03:18	24° ᠗ 11'55	
	-11634 Jun 29 j 12:11	0° ᠑		morning max el	-11633 Jun 01 j 14:59	27° ᠗ 37'20	18°08'54
morning set	-11634 Jul 08 j 02:07	14° ᠑ 00'07		asc. node	-11633 Jun 02 j 19:36	28° ᠗ 53'32	
	-11634 Jul 17 j 22:59	0° ᠘			-11633 Jun 03 j 18:08	0° ᠗	
superior conj	-11634 Jul 23 j 01:27	8° ᠘ 08'26	0°59'35	morning set	-11633 Jun 19 j 10:55	24° ᠗ 59'36	
minimum elong	-11634 Jul 23 j 07:41	8° ᠘ 33'14	0°59'18		-11633 Jun 22 j 09:17	0° ᠑	
max. Earth dist.	-11634 Jul 24 j 22:10	11° ᠘ 05'48	1.44525 AU	superior conj	-11633 Jul 02 j 13:27	16° ᠑ 58'22	1°31'33
desc. node	-11634 Aug 02 j 14:37	24° ᠘ 48'48		minimum elong	-11633 Jul 02 j 19:06	17° ᠑ 21'24	1°31'19
	-11634 Aug 05 j 21:33	0° ᠓		max. Earth dist.	-11633 Jul 07 j 12:56	25° ᠑ 01'17	1.43881 AU
evening rise	-11634 Aug 08 j 13:57	4° ᠓ 13'58			-11633 Jul 10 j 15:55	0° ᠘	
	-11634 Aug 25 j 07:39	0° ᠜		evening rise	-11633 Jul 18 j 21:22	12° ᠘ 54'03	
evening max el	-11634 Aug 31 j 12:23	7° ᠜ 45'03	19°16'46	desc. node	-11633 Jul 20 j 11:59	15° ᠘ 23'44	
retrograde	-11634 Sep 07 j 13:55	11° ᠜ 47'07			-11633 Jul 30 j 01:12	0° ᠓	
evening set	-11634 Sep 10 j 19:46	10° ᠜ 46'16		evening max el	-11633 Aug 14 j 17:21	21° ᠓ 12'51	20°12'46
asc. node	-11634 Sep 11 j 23:20	9° ᠜ 56'17		retrograde	-11633 Aug 22 j 10:39	25° ᠓ 42'30	
inferior conj	-11634 Sep 16 j 12:49	4° ᠜ 54'01	1°25'06	evening set	-11633 Aug 26 j 02:38	24° ᠓ 24'47	
minimum elong	-11634 Sep 16 j 10:53	5° ᠜ 00'11	1°25'02	asc. node	-11633 Aug 29 j 20:21	20° ᠓ 37'51	
min. Earth dist.	-11634 Sep 17 j 20:47	3° ᠜ 12'56	0.65730 AU	inferior conj	-11633 Aug 31 j 13:51	18° ᠓ 22'42	0°32'50
	-11634 Sep 20 j 15:09	30° ᠓ ᠓		minimum elong	-11633 Aug 31 j 13:06	18° ᠓ 25'12	0°33'11
morning rise	-11634 Sep 22 j 01:37	28° ᠓ 38'05		min. Earth dist.	-11633 Sep 01 j 10:31	17° ᠓ 13'50	0.66524 AU
direct	-11634 Sep 28 j 05:47	26° ᠓ 01'23		morning rise	-11633 Sep 05 j 23:18	12° ᠓ 02'26	
	-11634 Oct 07 j 02:19	0° ᠜		direct	-11633 Sep 11 j 13:25	9° ᠓ 39'31	
morning max el	-11634 Oct 10 j 19:31	3° ᠜ 21'12	26°10'23	morning max el	-11633 Sep 23 j 05:17	16° ᠓ 35'56	24°57'28
desc. node	-11634 Oct 29 j 13:48	27° ᠜ 27'15			-11633 Oct 04 j 09:37	0° ᠜	
	-11634 Oct 31 j 06:01	0° ᠒		desc. node	-11633 Oct 16 j 10:38	17° ᠜ 28'43	
morning set	-11634 Nov 15 j 19:15	26° ᠒ 18'49			-11633 Oct 24 j 04:53	0° ᠒	
	-11634 Nov 17 j 18:24	0° ᠓		morning set	-11633 Oct 29 j 03:10	8° ᠒ 29'09	
max. Earth dist.	-11634 Nov 19 j 22:15	4° ᠓ 09'06	1.35735 AU	max. Earth dist.	-11633 Nov 02 j 00:29	15° ᠒ 29'49	1.37464 AU

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11633 Nov 08 j 09:38	27° Ω 36'43	-1°38'55		-11632 Oct 15 j 14:18	0° Ω	
minimum elong	-11633 Nov 08 j 09:28	27° Ω 35'55	1°38'33				
	-11633 Nov 09 j 14:50	0° Π		superior conj	-11632 Oct 21 j 09:02	10° Ω 30'14	-1°34'02
evening rise	-11633 Nov 16 j 16:21	14° Π 07'09		minimum elong	-11632 Oct 21 j 07:01	10° Ω 20'49	1°33'24
	-11633 Nov 25 j 02:36	0° Ω		evening rise	-11632 Oct 30 j 12:30	27° Ω 59'18	
asc. node	-11633 Nov 25 j 18:53	1° Ω 08'03			-11632 Oct 31 j 13:31	0° Π	
evening max el	-11633 Dec 03 j 20:19	11° Ω 46'33	19°23'15	asc. node	-11632 Nov 11 j 16:14	19° Π 18'45	
retrograde	-11633 Dec 12 j 23:32	16° Ω 06'15		evening max el	-11632 Nov 15 j 20:31	24° Π 17'14	18°38'00
evening set	-11633 Dec 15 j 12:08	15° Ω 47'53		retrograde	-11632 Nov 23 j 18:41	28° Π 09'03	
inferior conj	-11633 Dec 23 j 17:27	11° Ω 37'20	4°01'58	evening set	-11632 Nov 26 j 06:23	27° Π 47'37	
minimum elong	-11633 Dec 23 j 20:50	11° Ω 31'42	4°01'29	inferior conj	-11632 Dec 03 j 22:42	23° Π 17'38	4°17'02
min. Earth dist.	-11633 Dec 26 j 11:31	9° Ω 47'46	0.56999 AU	minimum elong	-11632 Dec 03 j 22:22	23° Π 18'16	4°17'09
morning rise	-11632 Jan 01 j 03:21	6° Ω 48'14		min. Earth dist.	-11632 Dec 07 j 03:29	20° Π 51'19	0.58660 AU
direct	-11632 Jan 06 j 02:18	5° Ω 51'52		morning rise	-11632 Dec 11 j 12:29	18° Π 06'10	
desc. node	-11632 Jan 12 j 12:11	7° Ω 26'20		direct	-11632 Dec 17 j 16:06	16° Π 32'28	
morning max el	-11632 Jan 20 j 01:05	12° Ω 55'36	24°46'27	desc. node	-11632 Dec 29 j 08:52	21° Π 42'48	
	-11632 Feb 02 j 05:51	0° Π		morning max el	-11632 Dec 31 j 17:17	23° Π 48'59	26°10'36
morning set	-11632 Feb 14 j 23:01	23° Π 50'07			-11631 Jan 06 j 08:43	0° Ω	
	-11632 Feb 17 j 20:30	0° Σ			-11631 Jan 25 j 01:38	0° Π	
				morning set	-11631 Jan 29 j 10:46	8° Π 53'26	
superior conj	-11632 Feb 21 j 22:53	8° Σ 52'33	0°02'31				
minimum elong	-11632 Feb 21 j 22:48	8° Σ 52'08	0°01'53	superior conj	-11631 Feb 05 j 10:09	23° Π 55'17	-0°20'29
behind sun begin	-11632 Feb 21 j 17:45	8° Σ 24'46		minimum elong	-11631 Feb 05 j 11:00	23° Π 59'54	0°20'49
behind sun end	-11632 Feb 22 j 03:52	9° Σ 19'30		max. Earth dist.	-11631 Feb 05 j 19:46	24° Π 47'42	1.32848 AU
asc. node	-11632 Feb 21 j 16:37	8° Σ 18'37		asc. node	-11631 Feb 07 j 13:50	28° Π 36'42	
max. Earth dist.	-11632 Feb 23 j 07:11	11° Σ 46'58	1.33213 AU		-11631 Feb 08 j 05:14	0° Σ	
evening rise	-11632 Feb 29 j 07:56	24° Σ 26'48		evening rise	-11631 Feb 12 j 13:38	9° Σ 13'15	
	-11632 Mar 03 j 02:50	0° Σ			-11631 Feb 23 j 12:41	0° Σ	
	-11632 Mar 20 j 22:19	0° \approx		evening max el	-11631 Mar 14 j 18:10	26° Σ 06'15	26°47'21
evening max el	-11632 Apr 01 j 14:16	14° \approx 02'21	27°22'03		-11631 Mar 19 j 09:56	0° \approx	
desc. node	-11632 Apr 09 j 12:20	19° \approx 59'37		desc. node	-11631 Mar 27 j 09:29	3° \approx 26'12	
retrograde	-11632 Apr 15 j 13:09	21° \approx 35'13		retrograde	-11631 Mar 28 j 20:39	3° \approx 31'45	
evening set	-11632 Apr 22 j 09:07	19° \approx 17'41		evening set	-11631 Apr 04 j 04:22	1° \approx 46'13	
min. Earth dist.	-11632 Apr 26 j 02:20	16° \approx 17'42	0.62046 AU		-11631 Apr 06 j 22:07	30° Σ	
inferior conj	-11632 Apr 29 j 03:04	13° \approx 23'41	-3°27'01	min. Earth dist.	-11631 Apr 08 j 07:29	28° Σ 55'53	0.60078 AU
minimum elong	-11632 Apr 29 j 02:22	13° \approx 25'22	3°27'29	inferior conj	-11631 Apr 11 j 15:21	26° Σ 09'12	-3°06'45
morning rise	-11632 May 05 j 21:11	8° \approx 20'30		minimum elong	-11631 Apr 11 j 12:47	26° Σ 14'37	3°07'00
direct	-11632 May 08 j 12:38	7° \approx 48'47		morning rise	-11631 Apr 18 j 23:38	21° Σ 25'48	
morning max el	-11632 May 15 j 04:54	11° \approx 11'38	18°02'09	direct	-11631 Apr 21 j 10:59	21° Σ 02'05	
asc. node	-11632 May 19 j 16:24	16° \approx 39'43		morning max el	-11631 Apr 28 j 16:54	24° Σ 34'27	18°14'20
	-11632 May 27 j 19:16	0° Σ			-11631 May 03 j 04:57	0° \approx	
morning set	-11632 May 31 j 18:14	7° Σ 04'00		asc. node	-11631 May 06 j 13:15	5° \approx 11'02	
				morning set	-11631 May 14 j 19:14	20° \approx 02'08	
					-11631 May 20 j 03:26	0° Σ	
superior conj	-11632 Jun 12 j 02:57	27° Σ 03'30	1°47'12				
minimum elong	-11632 Jun 12 j 05:00	27° Σ 12'14	1°47'04	superior conj	-11631 May 24 j 18:45	8° Σ 27'28	1°48'21
	-11632 Jun 13 j 20:30	0° Υ		minimum elong	-11631 May 24 j 17:38	8° Σ 22'29	1°48'04
max. Earth dist.	-11632 Jun 18 j 23:13	8° Υ 30'28	1.42639 AU	max. Earth dist.	-11631 Jun 01 j 04:14	21° Σ 22'16	1.40966 AU
evening rise	-11632 Jun 26 j 22:05	21° Υ 15'54			-11631 Jun 06 j 08:40	0° Υ	
	-11632 Jul 02 j 13:11	0° Σ		evening rise	-11631 Jun 06 j 14:32	0° Υ 23'55	
desc. node	-11632 Jul 06 j 09:25	5° Σ 50'14		desc. node	-11631 Jun 23 j 06:53	26° Υ 03'40	
	-11632 Jul 23 j 13:36	0° Π			-11631 Jun 26 j 00:55	0° Σ	
evening max el	-11632 Jul 27 j 15:39	4° Π 37'27	21°22'01	evening max el	-11631 Jul 10 j 07:23	17° Σ 58'57	22°40'43
retrograde	-11632 Aug 05 j 06:50	9° Π 42'43		retrograde	-11631 Jul 20 j 01:01	23° Σ 45'22	
evening set	-11632 Aug 09 j 11:06	8° Π 05'18		evening set	-11631 Jul 24 j 19:12	21° Σ 46'36	
inferior conj	-11632 Aug 14 j 18:23	1° Π 56'17	-0°18'06	inferior conj	-11631 Jul 30 j 00:34	15° Σ 33'10	-1°06'04
minimum elong	-11632 Aug 14 j 18:45	1° Π 55'00	0°17'23	minimum elong	-11631 Jul 30 j 01:54	15° Σ 28'36	1°05'08
min. Earth dist.	-11632 Aug 15 j 04:25	1° Π 21'51	0.67029 AU	min. Earth dist.	-11631 Jul 30 j 00:03	15° Σ 34'57	0.67240 AU
asc. node	-11632 Aug 15 j 17:19	0° Π 37'48		asc. node	-11631 Aug 02 j 14:12	10° Σ 57'47	
	-11632 Aug 16 j 04:33	30° Σ		morning rise	-11631 Aug 04 j 08:29	9° Σ 16'03	
morning rise	-11632 Aug 20 j 02:15	25° Σ 35'40		direct	-11631 Aug 08 j 19:07	7° Σ 29'07	
direct	-11632 Aug 25 j 02:10	23° Σ 30'13		morning max el	-11631 Aug 18 j 04:27	13° Σ 07'31	22°11'24
morning max el	-11632 Sep 04 j 15:23	29° Σ 50'50	23°34'54		-11631 Aug 31 j 11:18	0° Π	
	-11632 Sep 04 j 18:58	0° Π		desc. node	-11631 Sep 19 j 04:32	28° Π 17'12	
	-11632 Sep 27 j 06:57	0° Σ		morning set	-11631 Sep 19 j 17:24	29° Π 08'41	
desc. node	-11632 Oct 02 j 07:32	7° Σ 47'03			-11631 Sep 20 j 06:11	0° Σ	
morning set	-11632 Oct 09 j 11:31	19° Σ 27'18					
max. Earth dist.	-11632 Oct 13 j 22:46	27° Σ 06'10	1.39432 AU	max. Earth dist.	-11631 Sep 26 j 00:21	9° Σ 26'29	1.41378 AU

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11631 Oct 03 j 13:24	22° \mathfrak{G} 24'23	-1°18'31		-11630 Sep 12 j 20:50	0° \mathfrak{G}	
minimum elong	-11631 Oct 03 j 09:34	22° \mathfrak{G} 07'29	1°17'33				
	-11631 Oct 07 j 19:06	0° \mathfrak{Q}		superior conj	-11630 Sep 14 j 16:51	3° \mathfrak{G} 03'37	-0°50'27
evening rise	-11631 Oct 13 j 22:32	11° \mathfrak{Q} 18'40		minimum elong	-11630 Sep 14 j 12:43	2° \mathfrak{G} 46'17	0°49'19
	-11631 Oct 24 j 13:33	0° \mathfrak{M}		evening rise	-11630 Sep 26 j 18:17	23° \mathfrak{G} 54'54	
asc. node	-11631 Oct 29 j 13:31	6° \mathfrak{M} 35'31			-11630 Sep 30 j 04:55	0° \mathfrak{Q}	
evening max el	-11631 Oct 30 j 04:04	7° \mathfrak{M} 12'52	18°12'53	evening max el	-11630 Oct 13 j 16:08	20° \mathfrak{Q} 25'53	18°07'28
retrograde	-11631 Nov 06 j 07:09	10° \mathfrak{M} 49'39		asc. node	-11630 Oct 16 j 10:44	22° \mathfrak{Q} 43'08	
evening set	-11631 Nov 08 j 19:08	10° \mathfrak{M} 23'47		retrograde	-11630 Oct 20 j 09:11	23° \mathfrak{Q} 58'21	
inferior conj	-11631 Nov 15 j 22:53	5° \mathfrak{M} 31'50	4°02'39	evening set	-11630 Oct 22 j 23:14	23° \mathfrak{Q} 26'19	
minimum elong	-11631 Nov 15 j 20:00	5° \mathfrak{M} 38'13	4°02'36	inferior conj	-11630 Oct 29 j 15:26	18° \mathfrak{Q} 13'52	3°29'19
min. Earth dist.	-11631 Nov 19 j 01:09	2° \mathfrak{M} 48'38	0.60514 AU	minimum elong	-11630 Oct 29 j 11:38	18° \mathfrak{Q} 23'23	3°28'56
morning rise	-11631 Nov 22 j 19:29	0° \mathfrak{M} 00'48		min. Earth dist.	-11630 Nov 01 j 07:51	15° \mathfrak{Q} 32'48	0.62299 AU
	-11631 Nov 22 j 20:00	30° \mathfrak{R} \mathfrak{Q}		morning rise	-11630 Nov 04 j 22:59	12° \mathfrak{Q} 25'55	
direct	-11631 Nov 29 j 16:00	27° \mathfrak{Q} 52'11		direct	-11630 Nov 12 j 00:32	9° \mathfrak{Q} 53'01	
	-11631 Dec 06 j 20:03	0° \mathfrak{M}		morning max el	-11630 Nov 25 j 19:52	17° \mathfrak{Q} 23'23	27°33'58
morning max el	-11631 Dec 13 j 15:22	5° \mathfrak{M} 16'05	27°09'03	desc. node	-11630 Dec 03 j 02:13	25° \mathfrak{Q} 31'24	
desc. node	-11631 Dec 16 j 05:33	7° \mathfrak{M} 54'57			-11630 Dec 06 j 11:53	0° \mathfrak{M}	
	-11630 Jan 01 j 03:22	0° \mathfrak{Q}			-11630 Dec 24 j 17:45	0° \mathfrak{Q}	
morning set	-11630 Jan 13 j 19:52	23° \mathfrak{Q} 47'39		morning set	-11630 Dec 29 j 00:12	8° \mathfrak{Q} 25'20	
	-11630 Jan 16 j 18:34	0° \mathfrak{M}		max. Earth dist.	-11629 Jan 03 j 19:46	20° \mathfrak{Q} 37'15	1.33102 AU
superior conj	-11630 Jan 20 j 22:00	8° \mathfrak{M} 58'43	-0°42'05	superior conj	-11629 Jan 05 j 08:47	23° \mathfrak{Q} 57'03	-1°01'34
minimum elong	-11630 Jan 20 j 23:35	9° \mathfrak{M} 07'18	0°42'10	minimum elong	-11629 Jan 05 j 10:48	24° \mathfrak{Q} 07'59	1°01'29
max. Earth dist.	-11630 Jan 20 j 09:13	7° \mathfrak{M} 48'53	1.32805 AU		-11629 Jan 08 j 03:42	0° \mathfrak{M}	
asc. node	-11630 Jan 25 j 11:07	18° \mathfrak{M} 51'41		evening rise	-11629 Jan 12 j 09:55	9° \mathfrak{M} 07'09	
evening rise	-11630 Jan 27 j 22:53	24° \mathfrak{M} 08'53		asc. node	-11629 Jan 12 j 08:25	8° \mathfrak{M} 59'19	
	-11630 Jan 30 j 19:22	0° \mathfrak{M}			-11629 Jan 23 j 09:05	0° \mathfrak{M}	
	-11630 Feb 17 j 22:50	0° \mathfrak{Q}		evening max el	-11629 Feb 06 j 10:03	18° \mathfrak{M} 30'38	24°17'08
evening max el	-11630 Feb 24 j 16:18	7° \mathfrak{Q} 32'17	25°42'46	retrograde	-11629 Feb 20 j 04:15	25° \mathfrak{M} 21'04	
retrograde	-11630 Mar 10 j 18:11	14° \mathfrak{Q} 45'08		evening set	-11629 Feb 24 j 12:19	24° \mathfrak{M} 38'56	
desc. node	-11630 Mar 14 j 06:33	14° \mathfrak{Q} 15'12		desc. node	-11629 Mar 01 j 03:31	22° \mathfrak{M} 32'40	
evening set	-11630 Mar 16 j 04:35	13° \mathfrak{Q} 34'20		min. Earth dist.	-11629 Mar 02 j 23:18	21° \mathfrak{M} 27'26	0.56545 AU
min. Earth dist.	-11630 Mar 21 j 05:34	10° \mathfrak{Q} 39'41	0.58143 AU	inferior conj	-11629 Mar 05 j 08:25	19° \mathfrak{M} 57'14	-1°03'04
inferior conj	-11630 Mar 24 j 09:46	8° \mathfrak{Q} 22'15	-2°20'00	minimum elong	-11629 Mar 05 j 06:02	20° \mathfrak{M} 01'01	1°02'59
minimum elong	-11630 Mar 24 j 06:07	8° \mathfrak{Q} 28'54	2°19'49	morning rise	-11629 Mar 14 j 02:46	15° \mathfrak{M} 49'11	
morning rise	-11630 Apr 01 j 10:49	3° \mathfrak{Q} 58'32		direct	-11629 Mar 16 j 06:56	15° \mathfrak{M} 36'22	
direct	-11630 Apr 03 j 18:04	3° \mathfrak{Q} 41'21		morning max el	-11629 Mar 25 j 23:35	20° \mathfrak{M} 10'54	19°37'20
morning max el	-11630 Apr 12 j 00:06	7° \mathfrak{Q} 37'12	18°45'57		-11629 Apr 02 j 15:16	0° \mathfrak{Q}	
asc. node	-11630 Apr 23 j 10:07	24° \mathfrak{Q} 16'49		asc. node	-11629 Apr 10 j 07:04	13° \mathfrak{Q} 49'06	
	-11630 Apr 26 j 11:13	0° \mathfrak{M}		morning set	-11629 Apr 12 j 08:56	17° \mathfrak{Q} 56'02	
morning set	-11630 Apr 28 j 09:21	3° \mathfrak{M} 42'31			-11629 Apr 18 j 09:05	0° \mathfrak{M}	
superior conj	-11630 May 07 j 08:05	20° \mathfrak{M} 57'51	1°39'00	superior conj	-11629 Apr 20 j 13:37	4° \mathfrak{M} 20'27	1°22'45
minimum elong	-11630 May 07 j 05:22	20° \mathfrak{M} 45'03	1°38'22	minimum elong	-11629 Apr 20 j 10:35	4° \mathfrak{M} 05'32	1°21'50
	-11630 May 12 j 05:29	0° \mathfrak{M}		max. Earth dist.	-11629 Apr 26 j 06:28	15° \mathfrak{M} 17'35	1.37278 AU
max. Earth dist.	-11630 May 14 j 05:04	3° \mathfrak{M} 33'08	1.39097 AU	evening rise	-11629 Apr 30 j 06:58	22° \mathfrak{M} 39'04	
evening rise	-11630 May 18 j 09:44	10° \mathfrak{M} 51'21			-11629 May 04 j 11:39	0° \mathfrak{M}	
	-11630 May 30 j 05:26	0° \mathfrak{M}			-11629 May 23 j 23:23	0° \mathfrak{M}	
desc. node	-11630 Jun 10 j 04:21	15° \mathfrak{M} 57'29		desc. node	-11629 May 28 j 01:47	5° \mathfrak{M} 23'48	
	-11630 Jun 21 j 12:01	0° \mathfrak{M}		evening max el	-11629 Jun 05 j 03:58	14° \mathfrak{M} 40'05	25°21'11
evening max el	-11630 Jun 22 j 18:27	1° \mathfrak{M} 18'41	24°03'02	retrograde	-11629 Jun 17 j 03:14	21° \mathfrak{M} 41'24	
retrograde	-11630 Jul 03 j 16:04	7° \mathfrak{M} 46'13		evening set	-11629 Jun 23 j 02:36	19° \mathfrak{M} 04'56	
evening set	-11630 Jul 09 j 01:02	5° \mathfrak{M} 26'43		min. Earth dist.	-11629 Jun 27 j 11:09	14° \mathfrak{M} 07'01	0.66701 AU
	-11630 Jul 13 j 16:16	30° \mathfrak{R} \mathfrak{M}		inferior conj	-11629 Jun 28 j 10:47	12° \mathfrak{M} 49'16	-2°27'50
inferior conj	-11630 Jul 14 j 06:37	29° \mathfrak{M} 11'05	-1°49'47	minimum elong	-11629 Jun 28 j 13:08	12° \mathfrak{M} 41'33	2°27'06
minimum elong	-11630 Jul 14 j 08:38	29° \mathfrak{M} 04'14	1°48'51	morning rise	-11629 Jul 03 j 23:42	6° \mathfrak{M} 48'59	
min. Earth dist.	-11630 Jul 13 j 19:03	29° \mathfrak{M} 50'34	0.67139 AU	asc. node	-11629 Jul 07 j 07:50	5° \mathfrak{M} 36'11	
morning rise	-11630 Jul 19 j 16:11	23° \mathfrak{M} 00'51		direct	-11629 Jul 07 j 12:47	5° \mathfrak{M} 35'56	
asc. node	-11630 Jul 20 j 11:01	22° \mathfrak{M} 28'45		morning max el	-11629 Jul 14 j 23:57	9° \mathfrak{M} 56'15	19°47'37
direct	-11630 Jul 23 j 15:05	21° \mathfrak{M} 31'48			-11629 Jul 29 j 15:37	0° \mathfrak{M}	
morning max el	-11630 Jul 31 j 22:56	26° \mathfrak{M} 28'29	20°53'56	morning set	-11629 Aug 09 j 05:19	16° \mathfrak{M} 21'28	
	-11630 Aug 04 j 01:57	0° \mathfrak{M}			-11629 Aug 17 j 22:03	0° \mathfrak{M}	
	-11630 Aug 25 j 00:01	0° \mathfrak{M}		max. Earth dist.	-11629 Aug 21 j 21:03	6° \mathfrak{M} 16'25	1.44128 AU
morning set	-11630 Aug 30 j 01:51	7° \mathfrak{M} 50'59		desc. node	-11629 Aug 23 j 22:47	9° \mathfrak{M} 34'57	
desc. node	-11630 Sep 06 j 01:37	18° \mathfrak{M} 54'18					
max. Earth dist.	-11630 Sep 08 j 08:07	22° \mathfrak{M} 34'05	1.43015 AU	superior conj	-11629 Aug 25 j 16:36	12° \mathfrak{M} 22'48	-0°10'28

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

minimum elong	-11629 Aug 25 j 15:29	12° Π 18'19	0°09'43		-11628 Jul 21 j 18:05	0° \mathcal{B}	
behind sun begin	-11629 Aug 25 j 06:39	11° Π 42'48					
behind sun end	-11629 Aug 26 j 00:19	12° Π 53'52		superior conj	-11628 Aug 03 j 19:50	20° \mathcal{B} 44'55	0°35'12
	-11629 Sep 05 j 10:32	0° \mathfrak{E}		minimum elong	-11628 Aug 04 j 00:03	21° \mathcal{B} 01'34	0°35'11
evening rise	-11629 Sep 08 j 18:30	5° \mathfrak{E} 35'19		max. Earth dist.	-11628 Aug 03 j 13:01	20° \mathcal{B} 17'54	1.44584 AU
	-11629 Sep 24 j 00:16	0° Ω		desc. node	-11628 Aug 09 j 20:02	0° Π 16'04	
evening max el	-11629 Sep 27 j 05:46	3° Ω 49'56	18°20'45		-11628 Aug 09 j 15:59	0° Π	
asc. node	-11629 Oct 03 j 07:54	7° Ω 25'32		evening rise	-11628 Aug 19 j 17:41	16° Π 05'57	
retrograde	-11629 Oct 03 j 20:36	7° Ω 27'02			-11628 Aug 28 j 09:27	0° \mathfrak{E}	
evening set	-11629 Oct 06 j 14:56	6° Ω 46'20		evening max el	-11628 Sep 09 j 18:08	17° \mathfrak{E} 19'33	18°51'37
inferior conj	-11629 Oct 12 j 20:53	1° Ω 16'11	2°45'00	retrograde	-11628 Sep 16 j 13:45	21° \mathfrak{E} 09'45	
minimum elong	-11629 Oct 12 j 17:22	1° Ω 26'00	2°44'31	asc. node	-11628 Sep 19 j 05:00	20° \mathfrak{E} 30'17	
	-11629 Oct 14 j 00:04	30° $\mathcal{R}\mathfrak{E}$		evening set	-11628 Sep 19 j 14:45	20° \mathfrak{E} 17'15	
min. Earth dist.	-11629 Oct 15 j 00:43	28° \mathfrak{E} 51'46	0.63865 AU	inferior conj	-11628 Sep 25 j 12:02	14° \mathfrak{E} 32'25	1°55'01
morning rise	-11629 Oct 18 j 19:03	25° \mathfrak{E} 14'36		minimum elong	-11628 Sep 25 j 09:26	14° \mathfrak{E} 40'20	1°54'45
direct	-11629 Oct 25 j 16:40	22° \mathfrak{E} 30'48		min. Earth dist.	-11628 Sep 27 j 03:05	12° \mathfrak{E} 33'50	0.65141 AU
morning max el	-11629 Nov 08 j 04:30	0° Ω 03'59	27°24'19	morning rise	-11628 Oct 01 j 03:37	8° \mathfrak{E} 20'48	
	-11629 Nov 08 j 02:52	0° Ω		direct	-11628 Oct 07 j 15:19	5° \mathfrak{E} 38'33	
desc. node	-11629 Nov 19 j 22:53	14° Ω 07'50		morning max el	-11628 Oct 20 j 14:36	13° \mathfrak{E} 06'11	26°44'20
	-11629 Nov 30 j 09:43	0° \mathfrak{M}			-11628 Nov 03 j 10:07	0° Ω	
morning set	-11629 Dec 12 j 21:05	22° \mathfrak{M} 37'04		desc. node	-11628 Nov 05 j 19:36	3° Ω 26'47	
	-11629 Dec 16 j 12:50	0° \mathfrak{L}			-11628 Nov 21 j 23:19	0° \mathfrak{M}	
max. Earth dist.	-11629 Dec 17 j 23:31	2° \mathfrak{L} 59'56	1.33789 AU	morning set	-11628 Nov 25 j 07:12	6° \mathfrak{M} 12'17	
				max. Earth dist.	-11628 Nov 29 j 17:30	14° \mathfrak{M} 51'23	1.34903 AU
superior conj	-11629 Dec 20 j 16:39	8° \mathfrak{L} 43'33	-1°18'05				
minimum elong	-11629 Dec 20 j 18:45	8° \mathfrak{L} 54'40	1°17'54	superior conj	-11628 Dec 03 j 19:32	23° \mathfrak{M} 11'19	-1°30'37
evening rise	-11629 Dec 27 j 21:00	24° \mathfrak{L} 01'36		minimum elong	-11628 Dec 03 j 21:13	23° \mathfrak{M} 20'00	1°30'24
asc. node	-11629 Dec 30 j 05:45	28° \mathfrak{L} 54'15			-11628 Dec 07 j 01:46	0° \mathfrak{L}	
	-11629 Dec 30 j 18:46	0° \mathfrak{M}		evening rise	-11628 Dec 11 j 06:31	8° \mathfrak{L} 46'54	
evening max el	-11628 Jan 19 j 03:52	29° \mathfrak{M} 22'11	22°43'11	asc. node	-11628 Dec 16 j 03:05	18° \mathfrak{L} 30'45	
	-11628 Jan 19 j 20:23	0° \mathfrak{J}			-11628 Dec 22 j 17:12	0° \mathfrak{M}	
retrograde	-11628 Feb 01 j 02:08	5° \mathfrak{J} 35'27		evening max el	-11628 Dec 31 j 03:14	10° \mathfrak{M} 30'29	21°13'45
evening set	-11628 Feb 04 j 11:08	5° \mathfrak{J} 10'31		retrograde	-11627 Jan 11 j 16:22	15° \mathfrak{M} 56'34	
min. Earth dist.	-11628 Feb 12 j 14:54	1° \mathfrak{J} 29'54	0.55600 AU	evening set	-11627 Jan 14 j 12:05	15° \mathfrak{M} 38'16	
inferior conj	-11628 Feb 13 j 13:44	0° \mathfrak{J} 56'49	0°37'45	inferior conj	-11627 Jan 23 j 11:05	11° \mathfrak{M} 38'59	2°19'59
minimum elong	-11628 Feb 13 j 15:20	0° \mathfrak{J} 54'31	0°36'41	minimum elong	-11627 Jan 23 j 16:23	11° \mathfrak{M} 31'22	2°18'05
	-11628 Feb 15 j 05:22	30° $\mathcal{R}\mathfrak{M}$		min. Earth dist.	-11627 Jan 24 j 05:03	11° \mathfrak{M} 13'11	0.55510 AU
desc. node	-11628 Feb 16 j 00:24	29° \mathfrak{M} 33'38		morning rise	-11627 Feb 01 j 19:52	7° \mathfrak{M} 25'49	
morning rise	-11628 Feb 22 j 20:53	26° \mathfrak{M} 53'39		desc. node	-11627 Feb 01 j 21:14	7° \mathfrak{M} 25'05	
direct	-11628 Feb 25 j 03:56	26° \mathfrak{M} 41'10		direct	-11627 Feb 04 j 19:01	7° \mathfrak{M} 06'21	
	-11628 Mar 05 j 01:14	0° \mathfrak{J}		morning max el	-11627 Feb 17 j 14:17	13° \mathfrak{M} 20'17	22°15'12
morning max el	-11628 Mar 07 j 12:37	2° \mathfrak{J} 05'51	20°48'01		-11627 Mar 01 j 23:10	0° \mathfrak{J}	
	-11628 Mar 25 j 08:49	0° \mathfrak{Z}		morning set	-11627 Mar 11 j 01:02	17° \mathfrak{J} 26'17	
morning set	-11628 Mar 26 j 14:57	2° \mathfrak{Z} 33'03		asc. node	-11627 Mar 14 j 01:08	23° \mathfrak{J} 44'51	
asc. node	-11628 Mar 27 j 04:04	3° \mathfrak{Z} 40'15			-11627 Mar 16 j 23:58	0° \mathfrak{Z}	
superior conj	-11628 Apr 03 j 06:44	18° \mathfrak{Z} 20'53	1°02'18	superior conj	-11627 Mar 18 j 07:59	2° \mathfrak{Z} 48'49	0°39'37
minimum elong	-11628 Apr 03 j 04:10	18° \mathfrak{Z} 07'49	1°01'17	minimum elong	-11627 Mar 18 j 06:18	2° \mathfrak{Z} 39'58	0°38'38
max. Earth dist.	-11628 Apr 07 j 14:37	27° \mathfrak{Z} 02'06	1.35703 AU	max. Earth dist.	-11627 Mar 21 j 09:06	9° \mathfrak{Z} 09'09	1.34465 AU
	-11628 Apr 09 j 03:06	0° \mathfrak{A}		evening rise	-11627 Mar 26 j 09:17	19° \mathfrak{Z} 10'33	
evening rise	-11628 Apr 12 j 00:38	5° \mathfrak{A} 30'56			-11627 Apr 01 j 04:06	0° \mathfrak{A}	
	-11628 Apr 26 j 06:54	0° \mathfrak{H}			-11627 Apr 20 j 08:38	0° \mathfrak{H}	
desc. node	-11628 May 13 j 23:10	24° \mathfrak{H} 10'47		evening max el	-11627 Apr 30 j 01:11	11° \mathfrak{H} 15'45	27°10'57
evening max el	-11628 May 17 j 14:10	28° \mathfrak{H} 01'36	26°26'39	desc. node	-11627 Apr 30 j 20:31	12° \mathfrak{H} 02'12	
	-11628 May 19 j 16:40	0° \mathfrak{Y}		retrograde	-11627 May 13 j 10:55	18° \mathfrak{H} 48'05	
retrograde	-11628 May 30 j 09:46	5° \mathfrak{Y} 24'27		evening set	-11627 May 20 j 07:22	16° \mathfrak{H} 03'02	
evening set	-11628 Jun 05 j 21:37	2° \mathfrak{Y} 38'26		min. Earth dist.	-11627 May 24 j 01:46	12° \mathfrak{H} 21'11	0.64681 AU
	-11628 Jun 08 j 12:16	30° $\mathcal{R}\mathfrak{H}$		inferior conj	-11627 May 26 j 05:11	9° \mathfrak{H} 54'35	-3°20'09
min. Earth dist.	-11628 Jun 09 j 22:06	28° \mathfrak{H} 19'38	0.65887 AU	minimum elong	-11627 May 26 j 06:46	9° \mathfrak{H} 50'03	3°20'14
inferior conj	-11628 Jun 11 j 11:04	26° \mathfrak{H} 25'03	-2°58'41	morning rise	-11627 Jun 01 j 06:37	4° \mathfrak{H} 22'33	
minimum elong	-11628 Jun 11 j 13:19	26° \mathfrak{H} 18'05	2°58'19	direct	-11627 Jun 04 j 05:42	3° \mathfrak{H} 35'11	
morning rise	-11628 Jun 17 j 05:12	20° \mathfrak{H} 37'32		asc. node	-11627 Jun 10 j 01:25	6° \mathfrak{H} 26'13	
direct	-11628 Jun 20 j 10:25	19° \mathfrak{H} 38'21		morning max el	-11627 Jun 10 j 18:23	7° \mathfrak{H} 07'11	18°21'00
asc. node	-11628 Jun 23 j 04:37	20° \mathfrak{H} 19'38			-11627 Jun 26 j 05:15	0° \mathfrak{Y}	
morning max el	-11628 Jun 27 j 06:57	23° \mathfrak{H} 29'56	18°55'58	morning set	-11627 Jun 29 j 17:40	5° \mathfrak{Y} 52'15	
	-11628 Jul 02 j 13:18	0° \mathfrak{Y}					
morning set	-11628 Jul 18 j 23:15	25° \mathfrak{Y} 32'53		superior conj	-11627 Jul 13 j 22:22	29° \mathfrak{Y} 06'21	1°15'03

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

minimum elong	-11627 Jul 14 j 04:59	29° Υ 32'51	1°14'44			-11626 Jun 01 j 07:53	0° H	
	-11627 Jul 14 j 11:46	0° B		morning set		-11626 Jun 11 j 12:40	17° H 20'59	
max. Earth dist.	-11627 Jul 17 j 05:33	4° B 22'22	1.44337 AU			-11626 Jun 18 j 20:13	0° Υ	
desc. node	-11627 Jul 27 j 17:21	20° B 54'13						
evening rise	-11627 Jul 30 j 13:43	25° B 21'25		superior conj		-11626 Jun 23 j 20:27	8° Υ 25'52	1°40'11
	-11627 Aug 02 j 13:10	0° II		minimum elong		-11626 Jun 24 j 00:41	8° Υ 43'29	1°40'00
greatest brilliancy	-11627 Aug 10 j 19:30	12° II 45'38	-0.7m	max. Earth dist.		-11626 Jun 29 j 19:23	18° Υ 11'13	1.43419 AU
	-11627 Aug 23 j 07:54	0° E				-11626 Jul 07 j 05:35	0° B	
evening max el	-11627 Aug 24 j 02:33	0° E 49'21	19°38'49	evening rise		-11626 Jul 09 j 15:37	3° B 46'37	
retrograde	-11627 Aug 31 j 09:48	5° E 01'33		desc. node		-11626 Jul 14 j 14:46	11° B 26'19	
evening set	-11627 Sep 03 j 19:46	3° E 53'51				-11626 Jul 27 j 01:26	0° II	
asc. node	-11627 Sep 06 j 02:03	1° E 57'40		evening max el		-11626 Aug 07 j 04:50	14° II 16'19	20°40'41
	-11627 Sep 07 j 19:26	30° R II		retrograde		-11626 Aug 15 j 06:33	18° II 59'54	
inferior conj	-11627 Sep 09 j 10:08	27° II 57'14	1°02'51	evening set		-11626 Aug 19 j 03:37	17° II 33'52	
minimum elong	-11627 Sep 09 j 08:41	28° II 01'54	1°02'58	asc. node		-11626 Aug 23 j 23:03	12° II 15'07	
min. Earth dist.	-11627 Sep 10 j 13:11	26° II 29'36	0.66112 AU	inferior conj		-11626 Aug 24 j 12:54	11° II 28'24	0°10'59
morning rise	-11627 Sep 14 j 21:18	21° II 39'14		minimum elong		-11626 Aug 24 j 12:39	11° II 29'16	0°11'30
direct	-11627 Sep 20 j 19:45	19° II 07'43		transit middle		-11626 Aug 24 j 12:39	11° II 29'16	0°11'30
morning max el	-11627 Oct 03 j 00:33	26° II 18'23	25°41'03	transit begin		-11626 Aug 24 j 10:42	11° II 35'51	
	-11627 Oct 06 j 11:24	0° E		transit end		-11626 Aug 24 j 14:36	11° II 22'40	
desc. node	-11627 Oct 23 j 16:21	23° E 15'09		min. Earth dist.		-11626 Aug 25 j 04:54	10° II 34'17	0.66780 AU
	-11627 Oct 27 j 23:54	0° Ω		morning rise		-11626 Aug 29 j 21:31	5° II 07'42	
morning set	-11627 Nov 08 j 02:06	18° Ω 57'03		direct		-11626 Sep 04 j 05:30	2° II 52'12	
max. Earth dist.	-11627 Nov 12 j 00:54	26° Ω 17'40	1.36437 AU	morning max el		-11626 Sep 15 j 10:23	9° II 33'59	24°23'00
	-11627 Nov 13 j 23:15	0° M				-11626 Oct 01 j 14:38	0° E	
				desc. node		-11626 Oct 10 j 13:12	13° E 24'33	
superior conj	-11627 Nov 17 j 14:40	7° M 10'45	-1°37'51			-11626 Oct 20 j 15:50	0° Ω	
minimum elong	-11627 Nov 17 j 15:21	7° M 14'11	1°37'33	morning set		-11626 Oct 21 j 00:37	0° Ω 37'52	
evening rise	-11627 Nov 25 j 12:36	23° M 16'21		max. Earth dist.		-11626 Oct 25 j 01:03	7° Ω 42'52	1.38299 AU
	-11627 Nov 28 j 21:31	0° Ω						
asc. node	-11627 Dec 03 j 00:25	7° Ω 41'10		superior conj		-11626 Oct 31 j 22:34	20° Ω 31'46	-1°38'00
evening max el	-11627 Dec 13 j 11:46	22° Ω 08'58	19°58'11	minimum elong		-11626 Oct 31 j 21:39	20° Ω 27'24	1°37'32
retrograde	-11627 Dec 23 j 10:55	26° Ω 50'06				-11626 Nov 05 j 19:15	0° M	
evening set	-11627 Dec 26 j 01:10	26° Ω 32'30		evening rise		-11626 Nov 09 j 13:10	7° M 24'18	
inferior conj	-11626 Jan 03 j 13:42	22° Ω 29'32	3°36'02	asc. node		-11626 Nov 19 j 21:46	26° M 16'45	
minimum elong	-11626 Jan 03 j 18:49	22° Ω 21'34	3°34'54			-11626 Nov 22 j 11:34	0° Ω	
min. Earth dist.	-11626 Jan 05 j 18:10	21° Ω 08'25	0.56262 AU	evening max el		-11626 Nov 26 j 06:29	4° Ω 21'17	19°01'20
morning rise	-11626 Jan 12 j 10:34	17° Ω 55'01		retrograde		-11626 Dec 04 j 20:15	8° Ω 27'50	
direct	-11626 Jan 16 j 14:46	17° Ω 16'19		evening set		-11626 Dec 07 j 08:15	8° Ω 08'21	
desc. node	-11626 Jan 19 j 18:00	17° Ω 38'46		inferior conj		-11626 Dec 15 j 07:59	3° Ω 49'43	4°12'40
morning max el	-11626 Jan 30 j 07:20	24° Ω 05'55	23°51'45	minimum elong		-11626 Dec 15 j 09:45	3° Ω 46'34	4°12'34
	-11626 Feb 04 j 15:08	0° M		min. Earth dist.		-11626 Dec 18 j 08:20	1° Ω 42'30	0.57667 AU
	-11626 Feb 22 j 08:34	0° J				-11626 Dec 21 j 01:30	30° R M	
morning set	-11626 Feb 23 j 13:13	2° J 29'00		morning rise		-11626 Dec 23 j 09:13	28° M 50'40	
asc. node	-11626 Feb 28 j 22:16	13° J 58'13		direct		-11626 Dec 28 j 21:17	27° M 39'14	
						-11625 Jan 05 j 16:59	0° Ω	
superior conj	-11626 Mar 02 j 14:45	17° J 35'57	0°16'02	desc. node		-11625 Jan 06 j 14:43	0° Ω 33'13	
minimum elong	-11626 Mar 02 j 14:05	17° J 32'23	0°15'16	morning max el		-11625 Jan 11 j 22:10	4° Ω 49'09	25°24'46
behind sun begin	-11626 Mar 02 j 12:48	17° J 25'32				-11625 Jan 30 j 01:36	0° M	
behind sun end	-11626 Mar 02 j 15:21	17° J 39'15		morning set		-11625 Feb 08 j 01:37	17° M 34'09	
max. Earth dist.	-11626 Mar 04 j 13:07	21° J 43'40	1.33572 AU			-11625 Feb 13 j 20:25	0° J	
	-11626 Mar 08 j 12:12	0° B						
evening rise	-11626 Mar 10 j 04:34	3° B 24'22		superior conj		-11625 Feb 15 j 00:53	2° J 34'54	-0°07'25
	-11626 Mar 24 j 23:33	0° \approx		minimum elong		-11625 Feb 15 j 01:13	2° J 36'42	0°07'54
evening max el	-11626 Apr 12 j 11:09	24° \approx 10'37	27°27'12	behind sun begin		-11625 Feb 14 j 20:50	2° J 12'49	
desc. node	-11626 Apr 17 j 17:49	28° \approx 35'30		behind sun end		-11625 Feb 15 j 05:36	3° J 00'34	
	-11626 Apr 20 j 01:06	0° H		asc. node		-11625 Feb 15 j 19:27	4° J 15'44	
retrograde	-11626 Apr 26 j 05:58	1° H 44'29		max. Earth dist.		-11625 Feb 15 j 23:31	4° J 37'49	1.33015 AU
	-11626 May 02 j 00:34	30° R \approx		evening rise		-11625 Feb 22 j 07:11	18° J 01'14	
evening set	-11626 May 03 j 04:45	29° \approx 13'04				-11625 Feb 28 j 09:51	0° B	
min. Earth dist.	-11626 May 06 j 20:37	26° \approx 01'19	0.63096 AU			-11625 Mar 19 j 17:56	0° \approx	
inferior conj	-11626 May 09 j 14:21	23° \approx 12'48	-3°29'10	evening max el		-11625 Mar 25 j 17:35	6° \approx 34'11	27°11'15
minimum elong	-11626 May 09 j 14:39	23° \approx 12'02	3°29'35	desc. node		-11625 Apr 04 j 15:03	13° \approx 20'00	
morning rise	-11626 May 16 j 01:35	17° \approx 58'42		retrograde		-11625 Apr 08 j 18:11	14° \approx 04'46	
direct	-11626 May 18 j 19:44	17° \approx 21'35		evening set		-11625 Apr 15 j 10:23	11° \approx 59'33	
morning max el	-11626 May 25 j 08:08	20° \approx 44'13	18°03'51	min. Earth dist.		-11625 Apr 19 j 06:19	9° \approx 05'52	0.61217 AU
asc. node	-11626 May 27 j 22:13	23° \approx 40'17		inferior conj		-11625 Apr 22 j 11:15	6° \approx 12'04	-3°21'15

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

minimum elong	-11625 Apr 22 j 09:45	6°≈15'30	3°21'42	morning rise	-11624 Apr 11 j 07:31	14°≈10'08	
morning rise	-11625 Apr 29 j 11:05	1°≈17'35		direct	-11624 Apr 13 j 16:56	13°≈49'33	
direct	-11625 May 02 j 00:50	0°≈49'25		morning max el	-11624 Apr 21 j 08:00	17°≈30'16	18°25'24
morning max el	-11625 May 08 j 21:37	4°≈14'25	18°05'07		-11624 Apr 30 j 08:05	0°≈	
asc. node	-11625 May 14 j 19:02	11°≈46'41		asc. node	-11624 Apr 30 j 15:55	0°≈33'53	
morning set	-11625 May 25 j 04:01	29°≈48'54		morning set	-11624 May 07 j 11:03	13°≈05'47	
	-11625 May 25 j 06:27	0°≈			-11624 May 16 j 10:16	0°≈	
superior conj	-11625 Jun 04 j 21:29	19°≈05'13	1°49'15	superior conj	-11624 May 16 j 23:08	0°≈59'05	1°45'26
minimum elong	-11625 Jun 04 j 22:02	19°≈07'33	1°49'05	minimum elong	-11624 May 16 j 21:09	0°≈50'00	1°45'01
	-11625 Jun 11 j 06:58	0°≈		max. Earth dist.	-11624 May 24 j 05:39	13°≈56'18	1.40174 AU
max. Earth dist.	-11625 Jun 12 j 03:27	1°≈25'19	1.41960 AU	evening rise	-11624 May 28 j 23:48	21°≈59'40	
evening rise	-11625 Jun 18 j 20:32	12°≈20'06			-11624 Jun 02 j 21:46	0°≈	
	-11625 Jun 30 j 07:17	0°≈		desc. node	-11624 Jun 17 j 09:42	21°≈53'24	
desc. node	-11625 Jul 01 j 12:14	1°≈47'45			-11624 Jun 23 j 07:35	0°≈	
evening max el	-11625 Jul 21 j 00:04	27°≈38'29	21°54'34	evening max el	-11624 Jul 02 j 13:21	10°≈58'07	23°15'47
	-11625 Jul 23 j 13:06	0°≈		retrograde	-11624 Jul 12 j 19:15	17°≈03'08	
retrograde	-11625 Jul 30 j 02:11	3°≈01'22		evening set	-11624 Jul 17 j 19:32	14°≈55'28	
evening set	-11625 Aug 03 j 12:11	1°≈14'49		inferior conj	-11624 Jul 23 j 00:42	8°≈40'40	-1°25'13
	-11625 Aug 04 j 20:22	30°≈		minimum elong	-11624 Jul 23 j 02:21	8°≈34'58	1°24'16
inferior conj	-11625 Aug 08 j 18:22	25°≈03'20	-0°38'52	min. Earth dist.	-11624 Jul 22 j 19:37	8°≈58'14	0.67229 AU
minimum elong	-11625 Aug 08 j 19:10	25°≈00'34	0°38'03	asc. node	-11624 Jul 27 j 16:49	3°≈00'26	
min. Earth dist.	-11625 Aug 08 j 23:52	24°≈44'20	0.67152 AU	morning rise	-11624 Jul 28 j 09:05	2°≈25'47	
asc. node	-11625 Aug 10 j 19:58	22°≈15'43		direct	-11624 Aug 01 j 14:27	0°≈46'36	
morning rise	-11625 Aug 14 j 02:03	18°≈43'42		morning max el	-11624 Aug 10 j 12:38	6°≈07'29	21°37'19
direct	-11625 Aug 18 j 20:02	16°≈46'21			-11624 Aug 28 j 11:31	0°≈	
morning max el	-11625 Aug 28 j 21:34	22°≈49'50	22°59'05	morning set	-11624 Sep 10 j 17:18	20°≈15'54	
	-11625 Sep 04 j 02:32	0°≈		desc. node	-11624 Sep 13 j 07:10	24°≈22'01	
	-11625 Sep 25 j 00:07	0°≈			-11624 Sep 16 j 18:44	0°≈	
desc. node	-11625 Sep 27 j 10:09	3°≈48'35		max. Earth dist.	-11624 Sep 18 j 03:37	2°≈14'53	1.42119 AU
morning set	-11625 Oct 01 j 21:52	11°≈03'45					
max. Earth dist.	-11625 Oct 07 j 00:08	19°≈36'17	1.40278 AU	superior conj	-11624 Sep 25 j 09:01	14°≈25'54	-1°08'12
	-11625 Oct 12 j 22:22	0°≈		minimum elong	-11624 Sep 25 j 04:46	14°≈07'31	1°07'08
					-11624 Oct 04 j 03:46	0°≈	
superior conj	-11625 Oct 14 j 14:35	3°≈01'54	-1°28'53	evening rise	-11624 Oct 06 j 10:00	4°≈06'16	
minimum elong	-11625 Oct 14 j 11:43	2°≈48'53	1°28'07		-11624 Oct 22 j 16:41	0°≈	
evening rise	-11625 Oct 24 j 05:29	21°≈03'59		evening max el	-11624 Oct 22 j 20:03	0°≈08'27	18°08'17
	-11625 Oct 28 j 23:45	0°≈		asc. node	-11624 Oct 23 j 16:19	0°≈56'16	
asc. node	-11625 Nov 06 j 19:04	14°≈06'32		retrograde	-11624 Oct 29 j 17:48	3°≈41'57	
evening max el	-11625 Nov 09 j 10:07	17°≈03'50	18°24'49	evening set	-11624 Nov 01 j 06:25	3°≈13'46	
retrograde	-11625 Nov 16 j 23:13	20°≈48'07			-11624 Nov 06 j 06:02	30°≈	
evening set	-11625 Nov 19 j 10:40	20°≈25'08		inferior conj	-11624 Nov 08 j 05:09	28°≈13'12	3°50'17
inferior conj	-11625 Nov 26 j 21:35	15°≈45'57	4°13'54	minimum elong	-11624 Nov 08 j 01:42	28°≈21'16	3°50'05
minimum elong	-11625 Nov 26 j 19:57	15°≈49'16	4°14'00	min. Earth dist.	-11624 Nov 11 j 03:59	25°≈28'31	0.61294 AU
min. Earth dist.	-11625 Nov 30 j 02:38	13°≈09'38	0.59439 AU	morning rise	-11624 Nov 14 j 19:43	22°≈34'41	
morning rise	-11625 Dec 04 j 03:30	10°≈25'24		direct	-11624 Nov 21 j 19:53	20°≈13'45	
direct	-11625 Dec 10 j 15:40	8°≈35'53		morning max el	-11624 Dec 05 j 17:41	27°≈41'03	27°23'50
desc. node	-11625 Dec 24 j 11:23	15°≈43'41			-11624 Dec 08 j 00:22	0°≈	
morning max el	-11625 Dec 24 j 16:51	15°≈56'42	26°39'14	desc. node	-11624 Dec 10 j 08:01	2°≈35'21	
	-11624 Jan 05 j 05:51	0°≈			-11624 Dec 28 j 18:56	0°≈	
	-11624 Jan 22 j 06:31	0°≈		morning set	-11623 Jan 06 j 19:51	17°≈23'31	
morning set	-11624 Jan 23 j 12:31	2°≈35'12			-11623 Jan 12 j 18:29	0°≈	
				max. Earth dist.	-11623 Jan 13 j 01:20	0°≈37'12	1.32888 AU
superior conj	-11624 Jan 30 j 12:39	17°≈39'23	-0°29'52				
minimum elong	-11624 Jan 30 j 13:50	17°≈45'51	0°30'05	superior conj	-11623 Jan 14 j 00:16	2°≈41'52	-0°50'39
max. Earth dist.	-11624 Jan 30 j 12:50	17°≈40'28	1.32784 AU	minimum elong	-11623 Jan 14 j 02:04	2°≈51'41	0°50'39
asc. node	-11624 Feb 02 j 16:42	24°≈33'27		asc. node	-11623 Jan 19 j 13:58	14°≈46'05	
	-11624 Feb 05 j 05:42	0°≈		evening rise	-11623 Jan 21 j 00:53	17°≈50'41	
evening rise	-11624 Feb 06 j 14:39	2°≈52'53			-11623 Jan 27 j 02:39	0°≈	
	-11624 Feb 21 j 09:41	0°≈		evening max el	-11623 Feb 16 j 14:55	29°≈34'10	25°08'13
evening max el	-11624 Mar 06 j 18:52	18°≈21'18	26°23'07		-11623 Feb 17 j 01:56	0°≈	
retrograde	-11624 Mar 20 j 22:03	25°≈43'14		retrograde	-11623 Mar 02 j 15:01	6°≈38'50	
desc. node	-11624 Mar 21 j 12:09	25°≈42'21		evening set	-11623 Mar 07 j 14:06	5°≈41'47	
evening set	-11624 Mar 26 j 21:34	24°≈12'30		desc. node	-11623 Mar 08 j 09:09	5°≈22'35	
min. Earth dist.	-11624 Mar 31 j 08:16	21°≈21'55	0.59229 AU	min. Earth dist.	-11623 Mar 13 j 04:29	2°≈41'03	0.57404 AU
inferior conj	-11624 Apr 03 j 16:18	18°≈44'45	-2°50'31	inferior conj	-11623 Mar 16 j 02:22	0°≈42'10	-1°51'03
minimum elong	-11624 Apr 03 j 13:05	18°≈51'07	2°50'35	minimum elong	-11623 Mar 15 j 22:53	0°≈48'08	1°50'46

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11623 Mar 17 j 03:14	30° \mathbb{R} 27		minimum elong	-11622 Feb 24 j 16:00	12° \mathbb{X} 02'13	0°22'31
morning rise	-11623 Mar 24 j 10:53	26° \mathbb{X} 25'33		morning rise	-11622 Mar 05 j 17:39	7° \mathbb{X} 56'19	
direct	-11623 Mar 26 j 16:24	26° \mathbb{X} 10'36		direct	-11622 Mar 07 j 22:11	7° \mathbb{X} 44'07	
	-11623 Apr 04 j 02:54	0° \mathbb{Z}		morning max el	-11622 Mar 18 j 07:23	12° \mathbb{X} 38'56	20°05'05
morning max el	-11623 Apr 04 j 12:14	0° \mathbb{Z} 21'38	19°05'19		-11622 Mar 30 j 11:00	0° \mathbb{Z}	
asc. node	-11623 Apr 17 j 12:50	19° \mathbb{Z} 51'55		asc. node	-11622 Apr 04 j 09:48	9° \mathbb{Z} 32'57	
morning set	-11623 Apr 21 j 05:36	27° \mathbb{Z} 01'16		morning set	-11622 Apr 05 j 08:14	11° \mathbb{Z} 25'47	
	-11623 Apr 22 j 17:52	0° \approx					
				superior conj	-11622 Apr 13 j 06:50	27° \mathbb{Z} 32'46	1°14'26
superior conj	-11623 Apr 29 j 19:56	13° \approx 53'01	1°32'45	minimum elong	-11622 Apr 13 j 03:56	27° \mathbb{Z} 18'15	1°13'27
minimum elong	-11623 Apr 29 j 16:57	13° \approx 38'42	1°32'00		-11622 Apr 14 j 12:24	0° \approx	
max. Earth dist.	-11623 May 06 j 05:48	25° \approx 52'15	1.38305 AU	max. Earth dist.	-11622 Apr 18 j 09:50	7° \approx 34'58	1.36575 AU
	-11623 May 08 j 13:03	0° \mathbb{H}		evening rise	-11622 Apr 22 j 13:16	15° \approx 19'40	
evening rise	-11623 May 10 j 06:39	3° \mathbb{H} 02'52			-11622 Apr 30 j 23:27	0° \mathbb{H}	
	-11623 May 27 j 01:12	0° \mathbb{Y}			-11622 May 21 j 12:59	0° \mathbb{Y}	
desc. node	-11623 Jun 04 j 07:07	11° \mathbb{Y} 36'31		desc. node	-11622 May 22 j 04:32	0° \mathbb{Y} 47'35	
evening max el	-11623 Jun 14 j 23:32	24° \mathbb{Y} 18'58	24°37'28	evening max el	-11622 May 28 j 09:19	7° \mathbb{Y} 41'12	25°51'12
	-11623 Jun 22 j 07:55	0° \mathbb{B}		retrograde	-11622 Jun 09 j 17:41	14° \mathbb{Y} 52'25	
retrograde	-11623 Jun 26 j 08:39	1° \mathbb{B} 01'53		evening set	-11622 Jun 15 j 22:48	12° \mathbb{Y} 10'50	
	-11623 Jun 30 j 01:12	30° \mathbb{R} 00'00		min. Earth dist.	-11622 Jun 20 j 03:47	7° \mathbb{Y} 29'45	0.66402 AU
evening set	-11623 Jul 01 j 23:47	28° \mathbb{Y} 34'48		inferior conj	-11622 Jun 21 j 08:55	5° \mathbb{Y} 56'09	-2°41'58
min. Earth dist.	-11623 Jul 06 j 13:43	23° \mathbb{Y} 14'28	0.66991 AU	minimum elong	-11622 Jun 21 j 11:17	5° \mathbb{Y} 48'33	2°41'22
inferior conj	-11623 Jul 07 j 06:11	22° \mathbb{Y} 19'03	-2°06'44	morning rise	-11622 Jun 26 j 23:48	0° \mathbb{Y} 01'05	
minimum elong	-11623 Jul 07 j 08:23	22° \mathbb{Y} 11'39	2°05'51		-11622 Jun 27 j 00:28	30° \mathbb{R} 00'00	
morning rise	-11623 Jul 12 j 16:55	16° \mathbb{Y} 12'29		direct	-11622 Jun 30 j 09:26	28° \mathbb{H} 54'04	
asc. node	-11623 Jul 14 j 13:39	15° \mathbb{Y} 11'04		asc. node	-11622 Jul 01 j 10:28	29° \mathbb{H} 00'08	
direct	-11623 Jul 16 j 11:29	14° \mathbb{Y} 50'17			-11622 Jul 03 j 22:07	0° \mathbb{Y}	
morning max el	-11623 Jul 24 j 09:44	19° \mathbb{Y} 30'36	20°24'07	morning max el	-11622 Jul 07 j 13:23	3° \mathbb{Y} 00'39	19°23'47
	-11623 Aug 01 j 18:08	0° \mathbb{B}			-11622 Jul 26 j 10:34	0° \mathbb{B}	
morning set	-11623 Aug 20 j 21:05	28° \mathbb{B} 45'55		morning set	-11622 Jul 31 j 04:42	7° \mathbb{B} 28'20	
	-11623 Aug 21 j 16:07	0° \mathbb{H}		max. Earth dist.	-11622 Aug 14 j 04:53	29° \mathbb{B} 33'39	1.44408 AU
desc. node	-11623 Aug 31 j 04:17	15° \mathbb{H} 01'06			-11622 Aug 14 j 11:32	0° \mathbb{H}	
max. Earth dist.	-11623 Aug 31 j 13:44	15° \mathbb{H} 39'00	1.43560 AU				
				superior conj	-11622 Aug 16 j 13:54	3° \mathbb{H} 20'12	0°08'52
superior conj	-11623 Sep 06 j 00:43	24° \mathbb{H} 31'14	-0°34'45	minimum elong	-11622 Aug 16 j 15:02	3° \mathbb{H} 24'41	0°09'18
minimum elong	-11623 Sep 05 j 21:24	24° \mathbb{H} 17'35	0°33'43	behind sun begin	-11622 Aug 16 j 05:42	2° \mathbb{H} 47'33	
	-11623 Sep 09 j 08:05	0° \mathbb{B}		behind sun end	-11622 Aug 17 j 00:21	4° \mathbb{H} 01'50	
evening rise	-11623 Sep 18 j 22:08	16° \mathbb{B} 20'26		desc. node	-11622 Aug 18 j 01:28	5° \mathbb{H} 42'01	
	-11623 Sep 26 j 21:09	0° \mathbb{Q}		evening rise	-11622 Aug 31 j 12:15	27° \mathbb{H} 32'23	
evening max el	-11623 Oct 06 j 09:14	13° \mathbb{Q} 27'34	18°10'56		-11622 Sep 02 j 00:01	0° \mathbb{B}	
asc. node	-11623 Oct 10 j 13:29	16° \mathbb{Q} 30'03		evening max el	-11622 Sep 19 j 22:39	26° \mathbb{B} 54'09	18°31'48
retrograde	-11623 Oct 13 j 00:15	17° \mathbb{Q} 00'35			-11622 Sep 24 j 00:44	0° \mathbb{Q}	
evening set	-11623 Oct 15 j 15:58	16° \mathbb{Q} 25'03		retrograde	-11622 Sep 26 j 14:34	0° \mathbb{Q} 35'44	
inferior conj	-11623 Oct 22 j 03:37	11° \mathbb{Q} 04'44	3°11'29	asc. node	-11622 Sep 27 j 10:39	0° \mathbb{Q} 31'52	
minimum elong	-11623 Oct 21 j 23:50	11° \mathbb{Q} 14'41	3°11'02	evening set	-11622 Sep 29 j 11:32	29° \mathbb{B} 50'16	
min. Earth dist.	-11623 Oct 24 j 14:48	8° \mathbb{Q} 29'31	0.63003 AU		-11622 Sep 29 j 03:38	30° \mathbb{R} 00'00	
morning rise	-11623 Oct 28 j 06:50	5° \mathbb{Q} 10'55		inferior conj	-11622 Oct 05 j 13:33	24° \mathbb{B} 13'13	2°24'14
direct	-11623 Nov 04 j 07:48	2° \mathbb{Q} 31'45		minimum elong	-11622 Oct 05 j 10:22	24° \mathbb{B} 22'26	2°23'50
morning max el	-11623 Nov 18 j 00:02	10° \mathbb{Q} 03'07	27°33'51	min. Earth dist.	-11622 Oct 07 j 11:45	21° \mathbb{B} 59'18	0.64443 AU
desc. node	-11623 Nov 27 j 04:42	20° \mathbb{Q} 39'58		morning rise	-11622 Oct 11 j 08:37	18° \mathbb{B} 06'58	
	-11623 Dec 03 j 19:05	0° \mathbb{P}		direct	-11622 Oct 18 j 02:29	15° \mathbb{B} 22'54	
	-11623 Dec 20 j 23:06	0° \mathbb{Q}		morning max el	-11622 Oct 31 j 09:40	22° \mathbb{B} 54'20	27°10'45
morning set	-11623 Dec 21 j 21:22	1° \mathbb{Q} 51'13			-11622 Nov 06 j 19:27	0° \mathbb{Q}	
max. Earth dist.	-11623 Dec 27 j 09:29	13° \mathbb{Q} 16'08	1.33356 AU	desc. node	-11622 Nov 14 j 01:24	9° \mathbb{Q} 35'58	
					-11622 Nov 26 j 23:47	0° \mathbb{P}	
superior conj	-11623 Dec 29 j 10:03	17° \mathbb{Q} 36'07	-1°08'58	morning set	-11622 Dec 05 j 14:09	15° \mathbb{P} 48'49	
minimum elong	-11623 Dec 29 j 12:09	17° \mathbb{Q} 47'25	1°08'51	max. Earth dist.	-11622 Dec 10 j 09:40	25° \mathbb{P} 27'05	1.34215 AU
	-11622 Jan 04 j 04:17	0° \mathbb{M}			-11622 Dec 12 j 14:17	0° \mathbb{Q}	
evening rise	-11622 Jan 05 j 12:09	2° \mathbb{M} 48'22					
asc. node	-11622 Jan 06 j 11:16	4° \mathbb{M} 49'00		superior conj	-11622 Dec 13 j 16:05	2° \mathbb{Q} 15'32	-1°23'57
	-11622 Jan 20 j 14:20	0° \mathbb{X}		minimum elong	-11622 Dec 13 j 18:04	2° \mathbb{Q} 25'58	1°23'46
evening max el	-11622 Jan 29 j 08:11	10° \mathbb{X} 27'02	23°37'15	evening rise	-11622 Dec 20 j 22:49	17° \mathbb{Q} 39'56	
retrograde	-11622 Feb 11 j 19:11	17° \mathbb{X} 02'28		asc. node	-11622 Dec 24 j 08:36	24° \mathbb{Q} 37'04	
evening set	-11622 Feb 15 j 16:43	16° \mathbb{X} 29'08			-11622 Dec 27 j 03:36	0° \mathbb{M}	
min. Earth dist.	-11622 Feb 22 j 21:00	13° \mathbb{X} 07'05	0.56059 AU	evening max el	-11621 Jan 11 j 03:41	21° \mathbb{M} 23'13	22°03'50
desc. node	-11622 Feb 23 j 06:06	12° \mathbb{X} 53'28		retrograde	-11621 Jan 23 j 12:54	27° \mathbb{M} 17'16	
inferior conj	-11622 Feb 24 j 16:56	12° \mathbb{X} 00'49	-0°22'13	evening set	-11621 Jan 26 j 15:14	26° \mathbb{M} 56'00	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

inferior conj	-11621 Feb 04 j 17:24	22° \mathbb{M} 50'19	1°22'43	inferior conj	-11620 Jan 15 j 15:27	3° \mathbb{M} 33'26	2°56'42
minimum elong	-11621 Feb 04 j 20:52	22° \mathbb{M} 45'22	1°21'08	minimum elong	-11620 Jan 15 j 21:14	3° \mathbb{M} 24'55	2°54'58
min. Earth dist.	-11621 Feb 04 j 11:37	22° \mathbb{M} 58'33	0.55457 AU	min. Earth dist.	-11620 Jan 17 j 01:25	2° \mathbb{M} 43'28	0.55726 AU
desc. node	-11621 Feb 10 j 02:59	20° \mathbb{M} 01'08			-11620 Jan 22 j 09:24	30° \mathbb{R} $\underline{\mathbb{A}}$	
morning rise	-11621 Feb 14 j 03:01	18° \mathbb{M} 45'15		morning rise	-11620 Jan 24 j 20:37	29° $\underline{\mathbb{A}}$ 11'56	
direct	-11621 Feb 16 j 15:05	18° \mathbb{M} 31'00		desc. node	-11620 Jan 27 j 23:48	28° $\underline{\mathbb{A}}$ 46'26	
morning max el	-11621 Feb 28 j 15:35	24° \mathbb{M} 16'52	21°23'26	direct	-11620 Jan 28 j 06:35	28° $\underline{\mathbb{A}}$ 46'15	
	-11621 Mar 05 j 16:44	0° \mathbb{A}			-11620 Feb 02 j 23:11	0° \mathbb{M}	
morning set	-11621 Mar 20 j 16:19	26° \mathbb{A} 11'30		morning max el	-11620 Feb 10 j 13:14	5° \mathbb{M} 17'52	22°55'48
asc. node	-11621 Mar 22 j 06:50	29° \mathbb{A} 31'02			-11620 Feb 27 j 13:44	0° \mathbb{A}	
	-11621 Mar 22 j 12:23	0° \mathbb{B}		morning set	-11620 Mar 04 j 03:32	11° \mathbb{A} 10'00	
				asc. node	-11620 Mar 08 j 03:55	19° \mathbb{A} 40'14	
superior conj	-11621 Mar 28 j 03:51	11° \mathbb{B} 46'58	0°52'52				
minimum elong	-11621 Mar 28 j 01:39	11° \mathbb{B} 35'30	0°51'50	superior conj	-11620 Mar 11 j 07:48	26° \mathbb{A} 24'44	0°29'40
max. Earth dist.	-11621 Mar 31 j 22:28	19° \mathbb{B} 28'58	1.35132 AU	minimum elong	-11620 Mar 11 j 06:32	26° \mathbb{A} 18'04	0°28'46
evening rise	-11621 Apr 05 j 13:59	28° \mathbb{B} 34'15			-11620 Mar 13 j 00:33	0° \mathbb{B}	
	-11621 Apr 06 j 08:05	0° \approx		max. Earth dist.	-11620 Mar 13 j 21:02	1° \mathbb{B} 47'12	1.34040 AU
	-11621 Apr 24 j 04:07	0° \mathbb{H}		evening rise	-11620 Mar 19 j 03:39	12° \mathbb{B} 30'20	
desc. node	-11621 May 09 j 01:56	19° \mathbb{H} 13'41			-11620 Mar 28 j 14:58	0° \approx	
evening max el	-11621 May 10 j 19:51	21° \mathbb{H} 00'44	26°48'25		-11620 Apr 18 j 08:51	0° \mathbb{H}	
retrograde	-11621 May 23 j 21:57	28° \mathbb{H} 28'56		evening max el	-11620 Apr 22 j 06:30	4° \mathbb{H} 07'42	27°21'29
evening set	-11621 May 30 j 14:15	25° \mathbb{H} 41'31		desc. node	-11620 Apr 24 j 23:18	6° \mathbb{H} 35'19	
min. Earth dist.	-11621 Jun 03 j 11:44	21° \mathbb{H} 39'18	0.65427 AU	retrograde	-11620 May 05 j 20:52	11° \mathbb{H} 42'21	
inferior conj	-11621 Jun 05 j 06:53	19° \mathbb{H} 30'00	-3°09'07	evening set	-11620 May 12 j 19:11	9° \mathbb{H} 01'16	
minimum elong	-11621 Jun 05 j 08:55	19° \mathbb{H} 23'52	3°08'56	min. Earth dist.	-11620 May 16 j 11:48	5° \mathbb{H} 33'25	0.64051 AU
morning rise	-11621 Jun 11 j 03:53	13° \mathbb{H} 49'04		inferior conj	-11620 May 18 j 21:33	2° \mathbb{H} 55'32	-3°25'44
direct	-11621 Jun 14 j 06:18	12° \mathbb{H} 55'13		minimum elong	-11620 May 18 j 22:40	2° \mathbb{H} 52'28	3°25'59
asc. node	-11621 Jun 18 j 07:16	14° \mathbb{H} 21'18			-11620 May 21 j 17:22	30° \mathbb{R} \approx	
morning max el	-11621 Jun 20 j 22:37	16° \mathbb{H} 37'04	18°39'01	morning rise	-11620 May 25 j 02:53	27° \approx 31'04	
	-11621 Jun 30 j 18:06	0° \mathbb{Y}		direct	-11620 May 27 j 23:38	26° \approx 48'25	
morning set	-11621 Jul 11 j 08:29	17° \mathbb{Y} 07'13			-11620 Jun 03 j 05:09	0° \mathbb{H}	
	-11621 Jul 19 j 07:47	0° \mathbb{B}		morning max el	-11620 Jun 03 j 11:23	0° \mathbb{H} 15'20	18°11'26
				asc. node	-11620 Jun 04 j 04:04	0° \mathbb{H} 58'42	
superior conj	-11621 Jul 26 j 13:54	11° \mathbb{B} 33'27	0°53'32	morning set	-11620 Jun 21 j 13:41	27° \mathbb{H} 56'39	
minimum elong	-11621 Jul 26 j 19:46	11° \mathbb{B} 56'43	0°53'18		-11620 Jun 22 j 18:43	0° \mathbb{Y}	
max. Earth dist.	-11621 Jul 27 j 21:36	13° \mathbb{B} 39'02	1.44564 AU				
desc. node	-11621 Aug 04 j 22:44	26° \mathbb{B} 22'05		superior conj	-11620 Jul 04 j 22:59	20° \mathbb{Y} 14'58	1°27'46
	-11621 Aug 07 j 05:52	0° \mathbb{I}		minimum elong	-11620 Jul 05 j 05:01	20° \mathbb{Y} 39'26	1°27'29
evening rise	-11621 Aug 11 j 23:41	7° \mathbb{I} 30'33		max. Earth dist.	-11620 Jul 09 j 12:46	27° \mathbb{Y} 36'57	1.44018 AU
	-11621 Aug 26 j 09:39	0° \mathbb{E}			-11620 Jul 11 j 00:39	0° \mathbb{B}	
evening max el	-11621 Sep 03 j 09:31	10° \mathbb{E} 23'31	19°09'46	evening rise	-11620 Jul 21 j 10:00	16° \mathbb{B} 19'01	
retrograde	-11621 Sep 10 j 09:23	14° \mathbb{E} 22'26		desc. node	-11620 Jul 21 j 20:07	16° \mathbb{B} 58'15	
evening set	-11621 Sep 13 j 13:52	13° \mathbb{E} 23'53			-11620 Jul 30 j 07:13	0° \mathbb{I}	
asc. node	-11621 Sep 14 j 07:45	12° \mathbb{E} 53'40		evening max el	-11620 Aug 16 j 15:29	23° \mathbb{I} 52'30	20°03'32
inferior conj	-11621 Sep 19 j 07:58	7° \mathbb{E} 33'26	1°33'00	retrograde	-11620 Aug 24 j 06:00	28° \mathbb{I} 17'19	
minimum elong	-11621 Sep 19 j 05:50	7° \mathbb{E} 40'05	1°32'52	evening set	-11620 Aug 27 j 20:21	27° \mathbb{I} 02'23	
min. Earth dist.	-11621 Sep 20 j 17:44	5° \mathbb{E} 47'37	0.65585 AU	asc. node	-11620 Aug 31 j 04:46	23° \mathbb{I} 46'39	
morning rise	-11621 Sep 24 j 21:23	1° \mathbb{E} 18'24		inferior conj	-11620 Sep 02 j 08:19	21° \mathbb{I} 01'44	0°40'44
	-11621 Sep 26 j 16:04	30° \mathbb{R} \mathbb{I}		minimum elong	-11620 Sep 02 j 07:23	21° \mathbb{I} 04'49	0°41'00
direct	-11621 Oct 01 j 03:33	28° \mathbb{I} 39'57		min. Earth dist.	-11620 Sep 03 j 06:39	19° \mathbb{I} 47'49	0.66425 AU
	-11621 Oct 06 j 01:33	0° \mathbb{E}		morning rise	-11620 Sep 07 j 18:09	14° \mathbb{I} 41'53	
morning max el	-11621 Oct 13 j 20:04	6° \mathbb{E} 02'31	26°19'51	direct	-11620 Sep 13 j 10:29	12° \mathbb{I} 16'29	
desc. node	-11621 Oct 31 j 22:07	29° \mathbb{E} 08'18		morning max el	-11620 Sep 25 j 05:52	19° \mathbb{I} 17'07	25°09'07
	-11621 Nov 01 j 11:54	0° \mathbb{Q}			-11620 Oct 04 j 09:48	0° \mathbb{E}	
morning set	-11621 Nov 18 j 18:26	29° \mathbb{Q} 04'24		desc. node	-11620 Oct 17 j 18:54	19° \mathbb{E} 06'42	
	-11621 Nov 19 j 06:18	0° \mathbb{P}			-11620 Oct 24 j 14:07	0° \mathbb{Q}	
max. Earth dist.	-11621 Nov 22 j 23:09	7° \mathbb{P} 06'20	1.35500 AU	morning set	-11620 Oct 31 j 05:24	11° \mathbb{Q} 24'27	
				max. Earth dist.	-11620 Nov 04 j 02:29	18° \mathbb{Q} 27'20	1.37187 AU
superior conj	-11621 Nov 27 j 16:02	16° \mathbb{P} 32'05	-1°34'27				
minimum elong	-11621 Nov 27 j 17:22	16° \mathbb{P} 38'53	1°34'12	superior conj	-11620 Nov 10 j 06:55	0° \mathbb{P} 17'05	-1°38'56
	-11621 Dec 04 j 04:08	0° $\underline{\mathbb{A}}$		minimum elong	-11620 Nov 10 j 07:00	0° \mathbb{P} 17'27	1°38'34
evening rise	-11621 Dec 05 j 07:07	2° $\underline{\mathbb{A}}$ 19'08			-11620 Nov 10 j 03:26	0° \mathbb{P}	
asc. node	-11621 Dec 11 j 05:57	14° $\underline{\mathbb{A}}$ 03'35		evening rise	-11620 Nov 18 j 11:09	16° \mathbb{P} 40'25	
	-11621 Dec 21 j 16:02	0° \mathbb{M}			-11620 Nov 25 j 09:36	0° $\underline{\mathbb{A}}$	
evening max el	-11621 Dec 24 j 06:34	2° \mathbb{M} 43'11	20°39'35	asc. node	-11620 Nov 27 j 03:18	3° $\underline{\mathbb{A}}$ 00'46	
retrograde	-11620 Jan 04 j 03:59	7° \mathbb{M} 49'55		evening max el	-11620 Dec 05 j 19:36	14° $\underline{\mathbb{A}}$ 37'10	19°31'42
evening set	-11620 Jan 06 j 20:24	7° \mathbb{M} 32'33		retrograde	-11620 Dec 15 j 03:42	19° $\underline{\mathbb{A}}$ 01'50	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening set	-11620 Dec 17 j 16:41	18°♌43'45				-11619 Nov 02 j 00:56	0°♏	
inferior conj	-11620 Dec 25 j 23:55	14°♌35'36	3°56'26	asc. node		-11619 Nov 14 j 00:36	21°♏18'13	
minimum elong	-11620 Dec 26 j 03:50	14°♌29'13	3°55'48	evening max el		-11619 Nov 18 j 18:24	27°♏03'09	18°43'22
min. Earth dist.	-11620 Dec 28 j 15:04	12°♌52'58	0.56790 AU			-11619 Nov 22 j 19:32	0°♌	
morning rise	-11619 Jan 03 j 12:49	9°♌50'15		retrograde		-11619 Nov 26 j 20:12	0°♌58'16	
direct	-11619 Jan 08 j 07:02	8°♌58'47		evening set		-11619 Nov 29 j 08:00	0°♌37'20	
desc. node	-11619 Jan 13 j 20:33	10°♌09'55				-11619 Dec 01 j 01:33	30°♏♏	
morning max el	-11619 Jan 22 j 04:30	15°♌59'26	24°32'30	inferior conj		-11619 Dec 07 j 02:13	26°♏10'19	4°16'56
	-11619 Feb 02 j 09:21	0°♏		minimum elong		-11619 Dec 07 j 02:24	26°♏09'57	4°17'01
morning set	-11619 Feb 16 j 16:02	26°♏14'42		min. Earth dist.		-11619 Dec 10 j 06:18	23°♏48'24	0.58398 AU
	-11619 Feb 18 j 10:35	0°♏		morning rise		-11619 Dec 14 j 18:56	21°♏02'04	
asc. node	-11619 Feb 23 j 01:04	9°♏56'04		direct		-11619 Dec 20 j 18:55	19°♏34'12	
				desc. node		-11619 Dec 31 j 17:12	24°♏05'43	
superior conj	-11619 Feb 23 j 16:15	11°♏18'10	0°06'04	morning max el		-11618 Jan 03 j 20:04	26°♏48'54	25°59'30
minimum elong	-11619 Feb 23 j 16:01	11°♏16'54	0°05'24			-11618 Jan 06 j 21:53	0°♌	
behind sun begin	-11619 Feb 23 j 11:12	10°♏50'50				-11618 Jan 26 j 13:00	0°♏	
behind sun end	-11619 Feb 23 j 20:51	11°♏42'57		morning set		-11618 Feb 01 j 04:01	11°♏18'40	
max. Earth dist.	-11619 Feb 25 j 04:03	14°♏31'00	1.33298 AU					
evening rise	-11619 Mar 03 j 02:26	26°♏55'40		superior conj		-11618 Feb 08 j 03:16	26°♏19'58	-0°17'05
	-11619 Mar 04 j 15:14	0°♏		minimum elong		-11618 Feb 08 j 03:59	26°♏23'52	0°17'28
	-11619 Mar 22 j 00:12	0°♏		max. Earth dist.		-11618 Feb 08 j 16:13	27°♏30'37	1.32881 AU
evening max el	-11619 Apr 04 j 15:22	16°♏51'09	27°24'26	asc. node		-11618 Feb 09 j 22:17	0°♏14'08	
desc. node	-11619 Apr 11 j 20:35	22°♏26'38				-11618 Feb 09 j 19:41	0°♏	
retrograde	-11619 Apr 18 j 13:21	24°♏24'14		evening rise		-11618 Feb 15 j 07:22	11°♏39'56	
evening set	-11619 Apr 25 j 10:17	22°♏02'50				-11618 Feb 24 j 20:59	0°♏	
min. Earth dist.	-11619 Apr 29 j 02:58	19°♏00'06	0.62326 AU	evening max el		-11618 Mar 17 j 20:01	29°♏00'43	26°54'35
inferior conj	-11619 May 02 j 01:57	16°♏07'02	-3°28'13			-11618 Mar 18 j 21:23	0°♏	
minimum elong	-11619 May 02 j 01:32	16°♏08'05	3°28'42	desc. node		-11618 Mar 29 j 17:45	6°♏15'09	
morning rise	-11619 May 08 j 18:11	11°♏00'51		retrograde		-11618 Mar 31 j 22:00	6°♏27'27	
direct	-11619 May 11 j 10:19	10°♏27'46		evening set		-11618 Apr 07 j 08:19	4°♏36'39	
morning max el	-11619 May 18 j 01:18	13°♏50'15	18°01'58	min. Earth dist.		-11618 Apr 11 j 09:13	1°♏46'00	0.60376 AU
asc. node	-11619 May 22 j 00:52	18°♏36'44				-11618 Apr 13 j 11:22	30°♏♏	
	-11619 May 29 j 03:56	0°♏		inferior conj		-11618 Apr 14 j 16:37	28°♏56'48	-3°11'27
morning set	-11619 Jun 03 j 17:56	9°♏52'03		minimum elong		-11618 Apr 14 j 14:19	29°♏01'46	3°11'45
				morning rise		-11618 Apr 21 j 22:37	24°♏10'30	
superior conj	-11619 Jun 15 j 08:20	0°♏07'38	1°45'51	direct		-11618 Apr 24 j 10:39	23°♏45'37	
minimum elong	-11619 Jun 15 j 10:57	0°♏18'44	1°45'44	morning max el		-11618 May 01 j 13:46	27°♏15'30	18°11'18
	-11619 Jun 15 j 06:32	0°♏				-11618 May 04 j 01:21	0°♏	
max. Earth dist.	-11619 Jun 22 j 00:04	11°♏11'48	1.42856 AU	asc. node		-11618 May 08 j 21:43	7°♏02'11	
evening rise	-11619 Jun 30 j 10:13	24°♏39'25		morning set		-11618 May 17 j 16:36	22°♏43'05	
	-11619 Jul 03 j 20:42	0°♏				-11618 May 21 j 14:42	0°♏	
desc. node	-11619 Jul 08 j 17:33	7°♏26'29						
	-11619 Jul 24 j 10:36	0°♏		superior conj		-11618 May 27 j 20:27	11°♏20'37	1°48'58
evening max el	-11619 Jul 30 j 14:52	7°♏17'55	21°11'00	minimum elong		-11618 May 27 j 19:44	11°♏17'22	1°48'43
retrograde	-11619 Aug 08 j 02:20	12°♏17'11		max. Earth dist.		-11618 Jun 04 j 06:03	24°♏10'36	1.41234 AU
evening set	-11619 Aug 12 j 04:42	10°♏42'47				-11618 Jun 07 j 17:57	0°♏	
inferior conj	-11619 Aug 17 j 12:26	4°♏34'42	-0°10'30	evening rise		-11618 Jun 09 j 23:12	3°♏37'14	
minimum elong	-11619 Aug 17 j 12:39	4°♏33'58	0°09'51	desc. node		-11618 Jun 25 j 15:01	27°♏42'22	
transit middle	-11619 Aug 17 j 12:39	4°♏33'58	0°09'51			-11618 Jun 27 j 05:01	0°♏	
transit begin	-11619 Aug 17 j 10:29	4°♏41'24		evening max el		-11618 Jul 13 j 07:26	20°♏39'29	22°28'34
transit end	-11619 Aug 17 j 14:49	4°♏26'33		retrograde		-11618 Jul 22 j 20:54	26°♏19'38	
min. Earth dist.	-11619 Aug 18 j 00:01	3°♏55'07	0.66975 AU	evening set		-11618 Jul 27 j 12:58	24°♏23'57	
asc. node	-11619 Aug 18 j 01:44	3°♏49'16		inferior conj		-11618 Aug 01 j 18:28	18°♏10'56	-0°59'03
	-11619 Aug 21 j 01:48	30°♏♏		minimum elong		-11618 Aug 01 j 19:40	18°♏06'49	0°58'09
morning rise	-11619 Aug 22 j 20:27	28°♏14'03		min. Earth dist.		-11618 Aug 01 j 19:30	18°♏07'24	0.67229 AU
direct	-11619 Aug 27 j 22:29	26°♏05'52		asc. node		-11618 Aug 04 j 22:36	14°♏02'04	
	-11619 Sep 04 j 23:05	0°♏		morning rise		-11618 Aug 07 j 02:17	11°♏53'10	
morning max el	-11619 Sep 07 j 15:44	2°♏32'02	23°47'28	direct		-11618 Aug 11 j 14:46	10°♏03'39	
	-11619 Sep 28 j 13:15	0°♏		morning max el		-11618 Aug 21 j 04:12	15°♏48'21	22°23'35
desc. node	-11619 Oct 04 j 15:45	9°♏22'55				-11618 Sep 01 j 14:11	0°♏	
morning set	-11619 Oct 12 j 17:32	22°♏33'51		desc. node		-11618 Sep 21 j 12:43	29°♏51'34	
max. Earth dist.	-11619 Oct 17 j 01:01	29°♏59'57	1.39140 AU			-11618 Sep 21 j 14:50	0°♏	
	-11619 Oct 17 j 01:02	0°♏		morning set		-11618 Sep 23 j 03:16	2°♏26'09	
				max. Earth dist.		-11618 Sep 29 j 01:56	12°♏13'28	1.41104 AU
superior conj	-11619 Oct 24 j 08:40	13°♏18'14	-1°35'26					
minimum elong	-11619 Oct 24 j 06:56	13°♏10'09	1°34'50	superior conj		-11618 Oct 06 j 16:10	25°♏21'56	-1°21'39
evening rise	-11619 Nov 02 j 08:31	0°♏36'53		minimum elong		-11618 Oct 06 j 12:34	25°♏05'52	1°20'44

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11618 Oct 09 j 06:05	0°♎		evening rise	-11617 Sep 29 j 18:26	26°♊45'21	
evening rise	-11618 Oct 16 j 20:15	14°♎01'41			-11617 Oct 01 j 14:08	0°♎	
	-11618 Oct 25 j 17:26	0°♐		evening max el	-11617 Oct 16 j 12:34	23°♎06'47	18°07'06
asc. node	-11618 Oct 31 j 21:52	8°♐43'57		asc. node	-11617 Oct 18 j 19:04	25°♎03'33	
evening max el	-11618 Nov 02 j 00:58	9°♐55'19	18°15'18	retrograde	-11617 Oct 23 j 06:40	26°♎39'21	
retrograde	-11618 Nov 09 j 06:22	13°♐33'48		evening set	-11617 Oct 25 j 20:14	26°♎08'26	
evening set	-11618 Nov 11 j 18:09	13°♐08'44		inferior conj	-11617 Nov 01 j 14:05	20°♎59'04	3°35'13
inferior conj	-11618 Nov 18 j 23:42	8°♐19'56	4°06'16	minimum elong	-11617 Nov 01 j 10:20	21°♎08'18	3°34'53
minimum elong	-11618 Nov 18 j 21:05	8°♐25'36	4°06'16	min. Earth dist.	-11617 Nov 04 j 08:17	18°♎16'28	0.62040 AU
min. Earth dist.	-11618 Nov 22 j 02:55	5°♐37'54	0.60237 AU	morning rise	-11617 Nov 07 j 23:18	15°♎13'22	
morning rise	-11618 Nov 25 j 22:34	2°♐51'28		direct	-11617 Nov 15 j 00:46	12°♎43'05	
direct	-11618 Dec 02 j 17:15	0°♐47'35		morning max el	-11617 Nov 28 j 20:58	20°♎13'06	27°32'28
morning max el	-11618 Dec 16 j 17:15	8°♐10'42	27°02'26	desc. node	-11617 Dec 05 j 10:30	27°♎28'49	
desc. node	-11618 Dec 18 j 13:51	10°♐02'41			-11617 Dec 07 j 10:07	0°♐	
	-11617 Jan 02 j 09:39	0°♑			-11617 Dec 26 j 04:56	0°♑	
morning set	-11617 Jan 16 j 13:37	26°♑14'53		morning set	-11617 Dec 31 j 18:49	10°♑56'14	
	-11617 Jan 18 j 08:32	0°♒		max. Earth dist.	-11616 Jan 06 j 16:57	23°♑24'14	1.33034 AU
max. Earth dist.	-11617 Jan 23 j 05:47	10°♒32'48	1.32786 AU				
				superior conj	-11616 Jan 08 j 02:11	26°♑23'56	-0°58'46
superior conj	-11617 Jan 23 j 15:07	11°♒23'45	-0°38'56	minimum elong	-11616 Jan 08 j 04:09	26°♑34'39	0°58'44
minimum elong	-11617 Jan 23 j 16:36	11°♒31'50	0°39'04		-11616 Jan 09 j 17:58	0°♒	
asc. node	-11617 Jan 27 j 19:32	20°♒29'54		asc. node	-11616 Jan 14 j 16:48	10°♒39'15	
evening rise	-11617 Jan 30 j 16:12	26°♒34'39		evening rise	-11616 Jan 15 j 03:05	11°♒33'27	
	-11617 Feb 01 j 07:56	0°♓			-11616 Jan 24 j 15:46	0°♓	
	-11617 Feb 18 j 18:59	0°♓		evening max el	-11616 Feb 09 j 13:03	21°♓33'21	24°30'43
evening max el	-11617 Feb 27 j 18:52	10°♓31'46	25°54'00	retrograde	-11616 Feb 23 j 09:15	28°♓28'11	
retrograde	-11617 Mar 13 j 21:16	17°♓47'26		evening set	-11616 Feb 27 j 21:07	27°♓42'32	
desc. node	-11617 Mar 16 j 14:49	17°♓29'04		desc. node	-11616 Mar 02 j 11:47	26°♓06'35	
evening set	-11617 Mar 19 j 11:19	16°♓31'30		min. Earth dist.	-11616 Mar 05 j 02:28	24°♓34'06	0.56748 AU
min. Earth dist.	-11617 Mar 24 j 08:04	13°♓38'25	0.58414 AU	inferior conj	-11616 Mar 07 j 15:24	22°♓56'03	-1°16'35
inferior conj	-11617 Mar 27 j 13:51	11°♓15'08	-2°29'05	minimum elong	-11616 Mar 07 j 12:38	23°♓00'32	1°16'24
minimum elong	-11617 Mar 27 j 10:15	11°♓21'51	2°28'57	morning rise	-11616 Mar 16 j 07:18	18°♓46'03	
morning rise	-11617 Apr 04 j 12:18	6°♓48'50		direct	-11616 Mar 18 j 11:35	18°♓32'51	
direct	-11617 Apr 06 j 20:07	6°♓30'50		morning max el	-11616 Mar 27 j 22:44	23°♓00'56	19°28'26
morning max el	-11617 Apr 14 j 21:54	10°♓22'10	18°40'02		-11616 Apr 02 j 17:15	0°♓	
asc. node	-11617 Apr 25 j 18:36	26°♓03'33		asc. node	-11616 Apr 11 j 15:34	15°♓32'24	
	-11617 Apr 27 j 21:50	0°♔		morning set	-11616 Apr 14 j 03:23	20°♓26'57	
morning set	-11617 May 01 j 05:01	6°♔17'56			-11616 Apr 18 j 21:54	0°♔	
superior conj	-11617 May 10 j 06:59	23°♔42'28	1°40'57	superior conj	-11616 Apr 22 j 10:25	6°♔58'07	1°25'32
minimum elong	-11617 May 10 j 04:25	23°♔30'27	1°40'22	minimum elong	-11616 Apr 22 j 07:22	6°♔43'13	1°24'39
	-11617 May 13 j 16:47	0°♕		max. Earth dist.	-11616 Apr 28 j 07:47	18°♔12'19	1.37537 AU
max. Earth dist.	-11617 May 17 j 07:09	6°♕26'42	1.39375 AU	evening rise	-11616 May 02 j 07:57	25°♔29'01	
evening rise	-11617 May 21 j 14:16	13°♕52'18			-11616 May 04 j 21:43	0°♕	
	-11617 May 31 j 12:40	0°♖			-11616 May 24 j 01:44	0°♖	
desc. node	-11617 Jun 12 j 12:30	17°♖39'46		desc. node	-11616 May 29 j 09:56	7°♖10'57	
	-11617 Jun 22 j 02:55	0°♗		evening max el	-11616 Jun 07 j 04:29	17°♖20'11	25°10'12
evening max el	-11617 Jun 25 j 18:55	3°♗58'59	23°50'48	retrograde	-11616 Jun 19 j 00:21	24°♖17'20	
retrograde	-11617 Jul 06 j 12:31	10°♗21'02		evening set	-11616 Jun 24 j 21:35	21°♖43'09	
evening set	-11617 Jul 11 j 19:15	8°♗04'24		min. Earth dist.	-11616 Jun 29 j 07:30	16°♖39'15	0.66786 AU
min. Earth dist.	-11617 Jul 16 j 14:45	2°♗22'43	0.67174 AU	inferior conj	-11616 Jun 30 j 05:13	15°♖27'17	-2°22'34
inferior conj	-11617 Jul 17 j 00:39	1°♗48'50	-1°43'32	minimum elong	-11616 Jun 30 j 07:33	15°♖19'35	2°21'47
minimum elong	-11617 Jul 17 j 02:34	1°♗42'14	1°42'34	morning rise	-11616 Jul 05 j 17:31	9°♖25'11	
	-11617 Jul 18 j 08:51	30°♗		asc. node	-11616 Jul 08 j 16:18	8°♖12'17	
morning rise	-11617 Jul 22 j 09:52	25°♖37'18		direct	-11616 Jul 09 j 07:55	8°♖09'53	
asc. node	-11617 Jul 22 j 19:27	25°♖19'51		morning max el	-11616 Jul 16 j 21:50	12°♖35'17	19°56'36
direct	-11617 Jul 26 j 10:20	24°♖05'47			-11616 Jul 29 j 21:03	0°♗	
morning max el	-11617 Aug 03 j 21:49	29°♖08'42	21°04'49	morning set	-11616 Aug 11 j 16:58	19°♗43'32	
	-11617 Aug 04 j 17:14	0°♗			-11616 Aug 18 j 06:29	0°♗	
	-11617 Aug 26 j 07:03	0°♘		max. Earth dist.	-11616 Aug 23 j 20:35	8°♘51'06	1.43999 AU
morning set	-11617 Sep 02 j 14:06	11°♘15'03		desc. node	-11616 Aug 25 j 06:56	11°♘08'25	
desc. node	-11617 Sep 08 j 09:48	20°♘28'01					
max. Earth dist.	-11617 Sep 11 j 08:33	25°♘13'48	1.42795 AU	superior conj	-11616 Aug 28 j 03:25	15°♘44'00	-0°17'06
	-11617 Sep 14 j 06:20	0°♙		minimum elong	-11616 Aug 28 j 01:37	15°♘36'43	0°16'15
				behind sun begin	-11616 Aug 28 j 00:28	15°♘32'02	
superior conj	-11617 Sep 17 j 23:39	6°♙13'10	-0°55'31	behind sun end	-11616 Aug 28 j 02:46	15°♘41'23	
minimum elong	-11617 Sep 17 j 19:22	5°♙55'08	0°54'24		-11616 Sep 05 j 19:41	0°♙	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening rise	-11616 Sep 10 j 21:55	8° \mathfrak{C} 34'53		minimum elong	-11615 Aug 07 j 12:13	24° \mathfrak{C} 25'45	0°28'29
	-11616 Sep 23 j 23:06	0° \mathfrak{Q}			-11615 Aug 11 j 00:31	0° \mathfrak{I}	
evening max el	-11616 Sep 29 j 02:12	6° \mathfrak{Q} 29'53	18°17'42	desc. node	-11615 Aug 12 j 04:11	1° \mathfrak{I} 49'55	
asc. node	-11616 Oct 04 j 16:15	10° \mathfrak{Q} 00'04		evening rise	-11615 Aug 23 j 01:08	19° \mathfrak{I} 16'56	
retrograde	-11616 Oct 05 j 16:52	10° \mathfrak{Q} 05'38			-11615 Aug 29 j 16:02	0° \mathfrak{C}	
evening set	-11616 Oct 08 j 10:27	9° \mathfrak{Q} 26'24		evening max el	-11615 Sep 12 j 14:59	19° \mathfrak{C} 59'12	18°45'58
inferior conj	-11616 Oct 14 j 17:51	3° \mathfrak{Q} 58'50	2°52'10	retrograde	-11615 Sep 19 j 09:21	23° \mathfrak{C} 46'44	
minimum elong	-11616 Oct 14 j 14:14	4° \mathfrak{Q} 08'46	2°51'42	asc. node	-11615 Sep 21 j 13:24	23° \mathfrak{C} 20'08	
min. Earth dist.	-11616 Oct 16 j 23:39	1° \mathfrak{Q} 31'11	0.63648 AU	evening set	-11615 Sep 22 j 09:17	22° \mathfrak{C} 56'06	
	-11616 Oct 18 j 10:58	30° \mathfrak{R} \mathfrak{C}		inferior conj	-11615 Sep 28 j 07:45	17° \mathfrak{C} 13'13	2°02'48
morning rise	-11616 Oct 20 j 17:13	27° \mathfrak{C} 59'13		minimum elong	-11615 Sep 28 j 04:59	17° \mathfrak{C} 21'32	2°02'29
direct	-11616 Oct 27 j 15:58	25° \mathfrak{C} 16'04		min. Earth dist.	-11615 Sep 30 j 00:37	15° \mathfrak{C} 10'33	0.64973 AU
	-11616 Nov 07 j 01:49	0° \mathfrak{Q}		morning rise	-11615 Oct 04 j 00:10	11° \mathfrak{C} 02'59	
morning max el	-11616 Nov 10 j 05:02	2° \mathfrak{Q} 49'09	27°27'48	direct	-11615 Oct 10 j 13:39	8° \mathfrak{C} 19'57	
desc. node	-11616 Nov 21 j 07:09	15° \mathfrak{Q} 57'35		morning max el	-11615 Oct 23 j 15:02	15° \mathfrak{C} 48'37	26°51'56
	-11616 Nov 30 j 16:56	0° \mathfrak{R}			-11615 Nov 04 j 11:48	0° \mathfrak{Q}	
morning set	-11616 Dec 14 j 17:00	25° \mathfrak{R} 12'35		desc. node	-11615 Nov 08 j 03:52	5° \mathfrak{Q} 10'52	
	-11616 Dec 17 j 02:06	0° \mathfrak{Q}			-11615 Nov 23 j 10:04	0° \mathfrak{R}	
max. Earth dist.	-11616 Dec 19 j 21:54	5° \mathfrak{Q} 51'14	1.33663 AU	morning set	-11615 Nov 28 j 04:58	8° \mathfrak{R} 53'41	
				max. Earth dist.	-11615 Dec 02 j 17:31	17° \mathfrak{R} 47'22	1.34713 AU
superior conj	-11616 Dec 22 j 10:37	11° \mathfrak{Q} 12'54	-1°15'49				
minimum elong	-11616 Dec 22 j 12:44	11° \mathfrak{Q} 24'09	1°15'39	superior conj	-11615 Dec 06 j 14:24	25° \mathfrak{R} 43'47	-1°29'03
evening rise	-11616 Dec 29 j 14:17	26° \mathfrak{Q} 29'04		minimum elong	-11615 Dec 06 j 16:11	25° \mathfrak{R} 53'02	1°28'50
	-11616 Dec 31 j 06:58	0° \mathfrak{M}			-11615 Dec 08 j 15:21	0° \mathfrak{Q}	
asc. node	-11616 Dec 31 j 14:06	0° \mathfrak{M} 36'31		evening rise	-11615 Dec 14 j 00:09	11° \mathfrak{Q} 16'00	
	-11615 Jan 18 j 21:32	0° \mathfrak{R}		asc. node	-11615 Dec 18 j 11:26	20° \mathfrak{Q} 16'07	
evening max el	-11615 Jan 21 j 06:37	2° \mathfrak{R} 24'50	22°57'09		-11615 Dec 23 j 20:58	0° \mathfrak{M}	
retrograde	-11615 Feb 03 j 08:38	8° \mathfrak{R} 44'06		evening max el	-11614 Jan 03 j 04:52	13° \mathfrak{M} 29'24	21°26'20
evening set	-11615 Feb 06 j 20:33	8° \mathfrak{R} 17'25		retrograde	-11614 Jan 14 j 23:19	19° \mathfrak{M} 02'34	
min. Earth dist.	-11615 Feb 14 j 18:23	4° \mathfrak{R} 42'03	0.55696 AU	evening set	-11614 Jan 17 j 20:31	18° \mathfrak{M} 43'42	
inferior conj	-11615 Feb 15 j 22:55	4° \mathfrak{R} 00'21	0°21'44	inferior conj	-11614 Jan 26 j 20:37	14° \mathfrak{M} 43'23	2°05'38
minimum elong	-11615 Feb 15 j 23:49	3° \mathfrak{R} 59'02	0°20'52	minimum elong	-11614 Jan 27 j 01:34	14° \mathfrak{M} 36'19	2°03'46
desc. node	-11615 Feb 17 j 08:42	3° \mathfrak{R} 11'22		min. Earth dist.	-11614 Jan 27 j 08:32	14° \mathfrak{M} 26'22	0.55471 AU
	-11615 Feb 24 j 22:37	30° \mathfrak{R} \mathfrak{M}		desc. node	-11614 Feb 04 j 05:33	10° \mathfrak{M} 47'37	
morning rise	-11615 Feb 25 j 04:41	29° \mathfrak{M} 57'09		morning rise	-11614 Feb 05 j 06:05	10° \mathfrak{M} 32'51	
direct	-11615 Feb 27 j 10:45	29° \mathfrak{M} 44'55		direct	-11614 Feb 08 j 02:00	10° \mathfrak{M} 15'02	
	-11615 Mar 01 j 21:28	0° \mathfrak{R}		morning max el	-11614 Feb 20 j 16:39	16° \mathfrak{M} 21'52	22°01'24
morning max el	-11615 Mar 10 j 13:24	5° \mathfrak{R} 01'53	20°36'18		-11614 Mar 03 j 04:45	0° \mathfrak{R}	
	-11615 Mar 26 j 20:45	0° \mathfrak{C}		morning set	-11614 Mar 13 j 18:14	19° \mathfrak{R} 52'31	
morning set	-11615 Mar 29 j 08:37	5° \mathfrak{C} 01'00		asc. node	-11614 Mar 16 j 09:35	25° \mathfrak{R} 24'05	
asc. node	-11615 Mar 29 j 12:33	5° \mathfrak{C} 21'07			-11614 Mar 18 j 13:50	0° \mathfrak{C}	
superior conj	-11615 Apr 06 j 02:02	20° \mathfrak{C} 53'31	1°05'34	superior conj	-11614 Mar 21 j 02:15	5° \mathfrak{C} 18'00	0°43'07
minimum elong	-11615 Apr 05 j 23:22	20° \mathfrak{C} 39'59	1°04'34	minimum elong	-11614 Mar 21 j 00:25	5° \mathfrak{C} 08'26	0°42'09
max. Earth dist.	-11615 Apr 10 j 14:42	29° \mathfrak{C} 55'29	1.35919 AU	max. Earth dist.	-11614 Mar 24 j 07:49	11° \mathfrak{C} 59'32	1.34628 AU
	-11615 Apr 10 j 15:38	0° \mathfrak{R}		evening rise	-11614 Mar 29 j 05:41	21° \mathfrak{C} 46'00	
evening rise	-11615 Apr 14 j 22:57	8° \mathfrak{R} 12'30			-11614 Apr 02 j 14:47	0° \mathfrak{R}	
	-11615 Apr 27 j 14:03	0° \mathfrak{R}			-11614 Apr 21 j 08:39	0° \mathfrak{R}	
desc. node	-11615 May 16 j 07:21	26° \mathfrak{R} 05'02		evening max el	-11614 May 03 j 01:40	13° \mathfrak{R} 58'46	27°06'00
	-11615 May 19 j 21:39	0° \mathfrak{Y}		desc. node	-11614 May 03 j 04:46	14° \mathfrak{R} 06'20	
evening max el	-11615 May 20 j 14:41	0° \mathfrak{Y} 42'45	26°18'08	retrograde	-11614 May 16 j 09:28	21° \mathfrak{R} 30'01	
retrograde	-11615 Jun 02 j 07:35	8° \mathfrak{Y} 02'50		evening set	-11614 May 23 j 05:04	18° \mathfrak{R} 44'00	
evening set	-11615 Jun 08 j 17:45	5° \mathfrak{Y} 17'47		min. Earth dist.	-11614 May 27 j 00:12	14° \mathfrak{R} 57'04	0.64886 AU
min. Earth dist.	-11615 Jun 12 j 19:23	0° \mathfrak{Y} 53'11	0.66030 AU	inferior conj	-11614 May 29 j 01:26	12° \mathfrak{R} 34'48	-3°17'39
	-11615 Jun 13 j 12:26	30° \mathfrak{R} \mathfrak{R}		minimum elong	-11614 May 29 j 03:10	12° \mathfrak{R} 29'47	3°17'41
inferior conj	-11615 Jun 14 j 06:15	29° \mathfrak{R} 04'01	-2°54'37	morning rise	-11614 Jun 04 j 01:39	7° \mathfrak{R} 00'24	
minimum elong	-11615 Jun 14 j 08:33	28° \mathfrak{R} 56'50	2°54'11	direct	-11614 Jun 07 j 01:36	6° \mathfrak{R} 11'21	
morning rise	-11615 Jun 19 j 23:28	23° \mathfrak{R} 14'22		asc. node	-11614 Jun 12 j 09:56	8° \mathfrak{R} 37'29	
direct	-11615 Jun 23 j 05:47	22° \mathfrak{R} 13'10		morning max el	-11614 Jun 13 j 14:56	9° \mathfrak{R} 45'27	18°25'09
asc. node	-11615 Jun 25 j 13:09	22° \mathfrak{R} 42'16			-11614 Jun 27 j 13:08	0° \mathfrak{Y}	
morning max el	-11615 Jun 30 j 04:01	26° \mathfrak{R} 08'23	19°02'41	morning set	-11614 Jul 02 j 22:30	8° \mathfrak{Y} 55'52	
	-11615 Jul 03 j 11:25	0° \mathfrak{Y}			-11614 Jul 15 j 20:33	0° \mathfrak{C}	
morning set	-11615 Jul 22 j 07:55	28° \mathfrak{Y} 46'59					
	-11615 Jul 23 j 02:16	0° \mathfrak{C}		superior conj	-11614 Jul 17 j 09:53	2° \mathfrak{C} 29'15	1°09'52
max. Earth dist.	-11615 Aug 06 j 12:34	22° \mathfrak{C} 52'10	1.44563 AU	minimum elong	-11614 Jul 17 j 16:29	2° \mathfrak{C} 55'36	1°09'32
				max. Earth dist.	-11614 Jul 20 j 05:29	6° \mathfrak{C} 58'23	1.44419 AU
superior conj	-11615 Aug 07 j 08:45	24° \mathfrak{C} 12'04	0°28'23	desc. node	-11614 Jul 30 j 01:31	22° \mathfrak{C} 28'55	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening rise	-11614 Aug 03 j 01:04	28° U 43'24		max. Earth dist.	-11613 Jul 02 j 19:43	20° Y 49'58	1.43593 AU
	-11614 Aug 03 j 20:38	0° II			-11613 Jul 08 j 13:52	0° U	
greatest brilliancy	-11614 Aug 13 j 09:53	14° II 51'19	-0.7m	evening rise	-11613 Jul 13 j 04:28	7° U 12'36	
	-11614 Aug 23 j 23:11	0° U		desc. node	-11613 Jul 16 j 22:56	13° U 02'11	
evening max el	-11614 Aug 27 j 00:07	3° U 29'09	19°30'46		-11613 Jul 28 j 05:07	0° II	
retrograde	-11614 Sep 03 j 05:11	7° U 37'33		evening max el	-11613 Aug 10 j 03:21	16° II 56'22	20°30'37
evening set	-11614 Sep 06 j 13:42	6° U 32'16		retrograde	-11613 Aug 18 j 01:59	21° II 34'59	
asc. node	-11614 Sep 08 j 10:29	5° U 01'25		evening set	-11613 Aug 21 j 21:15	20° II 11'54	
inferior conj	-11614 Sep 12 j 04:58	0° U 37'02	1°10'49	asc. node	-11613 Aug 26 j 07:30	15° II 26'29	
minimum elong	-11614 Sep 12 j 03:20	0° U 42'15	1°10'51	inferior conj	-11613 Aug 27 j 07:09	14° II 07'28	0°18'45
	-11614 Sep 12 j 16:27	30° R II		minimum elong	-11613 Aug 27 j 06:43	14° II 08'56	0°19'12
min. Earth dist.	-11614 Sep 13 j 09:40	29° II 04'45	0.65988 AU	min. Earth dist.	-11613 Aug 28 j 00:45	13° II 08'14	0.66696 AU
morning rise	-11614 Sep 17 j 16:40	24° II 19'45		morning rise	-11613 Sep 01 j 16:01	7° II 46'49	
direct	-11614 Sep 23 j 17:09	21° II 46'21		direct	-11613 Sep 07 j 02:06	5° II 28'44	
morning max el	-11614 Oct 06 j 01:09	29° II 00'16	25°51'38	morning max el	-11613 Sep 18 j 10:59	12° II 15'55	24°35'13
	-11614 Oct 07 j 00:37	0° U			-11613 Oct 02 j 18:08	0° U	
desc. node	-11614 Oct 26 j 00:37	24° U 55'22		desc. node	-11613 Oct 12 j 21:25	15° U 02'06	
	-11614 Oct 29 j 07:20	0° U			-11613 Oct 22 j 01:40	0° U	
morning set	-11614 Nov 11 j 02:29	21° U 46'55		morning set	-11613 Oct 24 j 04:25	3° U 38'34	
max. Earth dist.	-11614 Nov 15 j 02:31	29° U 16'48	1.36183 AU	max. Earth dist.	-11613 Oct 28 j 03:21	10° U 40'14	1.38001 AU
	-11614 Nov 15 j 11:32	0° U					
superior conj	-11614 Nov 20 j 10:54	9° U 48'01	-1°37'12	superior conj	-11613 Nov 03 j 20:44	23° U 15'39	-1°38'33
minimum elong	-11614 Nov 20 j 11:46	9° U 52'25	1°36'54	minimum elong	-11613 Nov 03 j 20:06	23° U 12'35	1°38'07
evening rise	-11614 Nov 28 j 06:53	25° U 48'24			-11613 Nov 07 j 07:32	0° U	
	-11614 Nov 30 j 08:47	0° U		evening rise	-11613 Nov 12 j 08:26	10° U 00'06	
asc. node	-11614 Dec 05 j 08:47	9° U 31'09		asc. node	-11613 Nov 22 j 06:07	28° U 12'53	
evening max el	-11614 Dec 16 j 11:51	25° U 02'56	20°08'20		-11613 Nov 23 j 09:53	0° U	
retrograde	-11614 Dec 26 j 16:43	29° U 50'36		evening max el	-11613 Nov 29 j 05:05	7° U 10'32	19°08'34
evening set	-11614 Dec 29 j 07:24	29° U 33'09		retrograde	-11613 Dec 07 j 23:26	11° U 21'31	
inferior conj	-11613 Jan 06 j 21:41	25° U 31'31	3°27'01	evening set	-11613 Dec 10 j 11:33	11° U 02'30	
minimum elong	-11613 Jan 07 j 03:07	25° U 23'12	3°25'41	inferior conj	-11613 Dec 18 j 13:15	6° U 46'50	4°09'41
min. Earth dist.	-11613 Jan 08 j 21:44	24° U 18'20	0.56096 AU	minimum elong	-11613 Dec 18 j 15:36	6° U 42'46	4°09'27
morning rise	-11613 Jan 15 j 21:03	21° U 00'37		min. Earth dist.	-11613 Dec 21 j 11:45	4° U 45'24	0.57420 AU
direct	-11613 Jan 19 j 20:13	20° U 25'53		morning rise	-11613 Dec 26 j 17:31	1° U 51'08	
desc. node	-11613 Jan 22 j 02:19	20° U 37'27		direct	-11612 Jan 01 j 01:04	0° U 45'12	
morning max el	-11613 Feb 02 j 10:45	27° U 11'13	23°37'16	desc. node	-11612 Jan 08 j 23:00	3° U 08'37	
	-11613 Feb 05 j 03:56	0° U		morning max el	-11612 Jan 15 j 01:32	7° U 53'25	25°11'45
	-11613 Feb 23 j 21:02	0° U			-11612 Jan 31 j 09:18	0° U	
morning set	-11613 Feb 26 j 06:14	4° U 54'54		morning set	-11612 Feb 10 j 18:44	20° U 00'19	
asc. node	-11613 Mar 03 j 06:41	15° U 36'46			-11612 Feb 15 j 10:40	0° U	
superior conj	-11613 Mar 05 j 08:22	20° U 03'28	0°19'38	superior conj	-11612 Feb 17 j 18:08	5° U 01'24	-0°03'53
minimum elong	-11613 Mar 05 j 07:33	19° U 59'05	0°18'50	minimum elong	-11612 Feb 17 j 18:19	5° U 02'25	0°04'26
max. Earth dist.	-11613 Mar 07 j 10:34	24° U 30'43	1.33682 AU	behind sun begin	-11612 Feb 17 j 13:27	4° U 35'56	
	-11613 Mar 10 j 01:32	0° U		behind sun end	-11612 Feb 17 j 23:11	5° U 28'52	
evening rise	-11613 Mar 12 j 23:38	5° U 55'57		asc. node	-11612 Feb 18 j 03:50	5° U 54'05	
	-11613 Mar 26 j 06:00	0° U		max. Earth dist.	-11612 Feb 18 j 20:09	7° U 22'24	1.33075 AU
evening max el	-11613 Apr 15 j 11:48	26° U 57'08	27°26'40	evening rise	-11612 Feb 25 j 01:19	20° U 30'13	
	-11613 Apr 18 j 22:08	0° U			-11612 Feb 29 j 20:44	0° U	
desc. node	-11613 Apr 20 j 02:05	0° U 53'28			-11612 Mar 19 j 12:39	0° U	
retrograde	-11613 Apr 29 j 05:30	4° U 31'25		evening max el	-11612 Mar 27 j 18:51	9° U 26'03	27°15'41
evening set	-11613 May 06 j 04:31	1° U 56'56		desc. node	-11612 Apr 05 j 23:18	15° U 56'40	
	-11613 May 08 j 12:07	30° R U		retrograde	-11612 Apr 10 j 18:59	16° U 57'42	
min. Earth dist.	-11613 May 09 j 20:21	28° U 41'28	0.63358 AU	evening set	-11612 Apr 17 j 12:42	14° U 47'52	
inferior conj	-11613 May 12 j 12:07	25° U 55'10	-3°28'49	min. Earth dist.	-11612 Apr 21 j 07:26	11° U 52'19	0.61513 AU
minimum elong	-11613 May 12 j 12:40	25° U 53'46	3°29'12	inferior conj	-11612 Apr 24 j 11:04	8° U 57'55	-3°23'51
morning rise	-11613 May 18 j 21:46	20° U 38'25		minimum elong	-11612 Apr 24 j 09:51	9° U 00'44	3°24'18
direct	-11613 May 21 j 16:34	19° U 59'55		morning rise	-11612 May 01 j 08:51	4° U 00'25	
morning max el	-11613 May 28 j 04:31	23° U 23'12	18°05'13	direct	-11612 May 03 j 23:10	3° U 31'04	
asc. node	-11613 May 30 j 06:44	25° U 42'33		morning max el	-11612 May 10 j 18:12	6° U 55'04	18°03'39
	-11613 Jun 02 j 10:39	0° U		asc. node	-11612 May 16 j 03:32	13° U 42'02	
morning set	-11613 Jun 14 j 14:00	20° U 14'29			-11612 May 25 j 16:35	0° U	
	-11613 Jun 20 j 05:56	0° U		morning set	-11612 May 27 j 02:36	2° U 34'14	
superior conj	-11613 Jun 27 j 04:13	11° U 37'47	1°37'28	superior conj	-11612 Jun 07 j 01:13	22° U 05'11	1°48'48
minimum elong	-11613 Jun 27 j 09:00	11° U 57'30	1°37'17	minimum elong	-11612 Jun 07 j 02:16	22° U 09'43	1°48'40
					-11612 Jun 11 j 16:37	0° U	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

max. Earth dist.	-11612 Jun 14 j 04:25	4° Υ 09'00	1.42204 AU	evening rise	-11611 Jun 01 j 06:39	25° Υ 08'16	
evening rise	-11612 Jun 21 j 07:23	15° Υ 40'27			-11611 Jun 04 j 06:13	0° Υ	
	-11612 Jun 30 j 13:37	0° B		desc. node	-11611 Jun 19 j 17:51	23° Υ 34'04	
desc. node	-11612 Jul 02 j 20:24	3° B 25'36			-11611 Jun 24 j 08:23	0° B	
	-11612 Jul 22 j 16:02	0° II		evening max el	-11611 Jul 05 j 13:40	13° B 39'23	23°03'32
evening max el	-11612 Jul 22 j 23:36	0° II 19'25	21°43'02	retrograde	-11611 Jul 15 j 15:17	19° B 37'57	
retrograde	-11612 Jul 31 j 21:53	5° II 36'12		evening set	-11611 Jul 20 j 13:25	17° B 33'26	
evening set	-11612 Aug 05 j 05:48	3° II 52'57		inferior conj	-11611 Jul 25 j 18:37	11° B 19'07	-1°18'32
	-11612 Aug 08 j 19:38	30° R B		minimum elong	-11611 Jul 25 j 20:10	11° B 13'49	1°17'34
inferior conj	-11612 Aug 10 j 12:19	27° B 42'15	-0°31'31	min. Earth dist.	-11611 Jul 25 j 15:10	11° B 31'03	0.67237 AU
minimum elong	-11612 Aug 10 j 12:59	27° B 39'59	0°30'44	asc. node	-11611 Jul 30 j 01:18	6° B 00'18	
min. Earth dist.	-11612 Aug 10 j 19:25	27° B 17'47	0.67110 AU	morning rise	-11611 Jul 31 j 02:48	5° B 03'21	
asc. node	-11612 Aug 12 j 04:25	25° B 25'48		direct	-11611 Aug 04 j 09:59	3° B 21'27	
morning rise	-11612 Aug 15 j 20:02	21° B 22'09		morning max el	-11611 Aug 13 j 11:58	8° B 48'24	21°49'04
direct	-11612 Aug 20 j 16:03	19° B 21'55			-11611 Aug 29 j 16:32	0° II	
morning max el	-11612 Aug 30 j 21:45	25° B 31'45	23°11'38	morning set	-11611 Sep 14 j 04:28	23° II 37'37	
	-11612 Sep 03 j 22:15	0° II		desc. node	-11611 Sep 15 j 15:20	25° II 56'37	
	-11612 Sep 25 j 07:29	0° B			-11611 Sep 18 j 03:42	0° B	
desc. node	-11612 Sep 28 j 18:20	5° B 24'28		max. Earth dist.	-11611 Sep 21 j 04:35	4° B 58'49	1.41866 AU
morning set	-11612 Oct 04 j 05:39	14° B 16'20					
max. Earth dist.	-11612 Oct 09 j 01:57	22° B 27'19	1.39982 AU	superior conj	-11611 Sep 28 j 13:27	17° B 29'14	-1°12'10
	-11612 Oct 13 j 09:09	0° B		minimum elong	-11611 Sep 28 j 09:17	17° B 11'11	1°11'08
					-11611 Oct 05 j 14:13	0° B	
superior conj	-11612 Oct 16 j 15:28	5° B 54'40	-1°30'59	evening rise	-11611 Oct 09 j 08:39	6° B 52'44	
minimum elong	-11612 Oct 16 j 12:54	5° B 42'54	1°30'17		-11611 Oct 23 j 04:42	0° B	
evening rise	-11612 Oct 26 j 02:10	23° B 44'39		evening max el	-11611 Oct 25 j 16:45	2° B 51'04	18°09'31
	-11612 Oct 29 j 09:15	0° B		asc. node	-11611 Oct 26 j 00:41	3° B 10'22	
asc. node	-11612 Nov 08 j 03:25	16° B 10'41		retrograde	-11611 Nov 01 j 16:08	6° B 25'25	
evening max el	-11612 Nov 11 j 07:36	19° B 49'26	18°28'59	evening set	-11611 Nov 04 j 04:33	5° B 58'01	
retrograde	-11612 Nov 18 j 23:39	23° B 36'00		inferior conj	-11611 Nov 11 j 05:00	1° B 00'27	3°54'59
evening set	-11612 Nov 21 j 11:09	23° B 13'36		minimum elong	-11611 Nov 11 j 01:43	1° B 07'59	3°54'51
inferior conj	-11612 Nov 28 j 23:57	18° B 37'45	4°15'33		-11611 Nov 12 j 07:13	30° R B	
minimum elong	-11612 Nov 28 j 22:45	18° B 40'09	4°15'40	min. Earth dist.	-11611 Nov 14 j 05:11	28° B 15'55	0.61026 AU
min. Earth dist.	-11612 Dec 02 j 05:12	16° B 04'25	0.59167 AU	morning rise	-11611 Nov 17 j 21:36	25° B 24'34	
morning rise	-11612 Dec 06 j 08:33	13° B 20'16		direct	-11611 Nov 24 j 20:47	23° B 07'39	
direct	-11612 Dec 12 j 18:01	11° B 36'05			-11611 Dec 08 j 04:53	0° B	
desc. node	-11612 Dec 25 j 19:39	18° B 00'33		morning max el	-11611 Dec 08 j 19:03	0° B 33'35	27°19'20
morning max el	-11612 Dec 26 j 19:16	18° B 55'37	26°29'46	desc. node	-11611 Dec 12 j 16:17	4° B 38'38	
	-11611 Jan 05 j 05:14	0° B			-11611 Dec 30 j 03:43	0° B	
	-11611 Jan 22 j 19:09	0° B		morning set	-11610 Jan 09 j 13:55	19° B 52'26	
morning set	-11611 Jan 25 j 05:56	5° B 02'00		max. Earth dist.	-11610 Jan 14 j 08:44	0° B	
					-11610 Jan 15 j 22:05	3° B 22'28	1.32853 AU
superior conj	-11611 Feb 01 j 05:44	20° B 05'11	-0°26'32				
minimum elong	-11611 Feb 01 j 06:48	20° B 11'00	0°26'49	superior conj	-11610 Jan 16 j 17:28	5° B 08'05	-0°47'38
max. Earth dist.	-11611 Feb 01 j 09:10	20° B 23'56	1.32799 AU	minimum elong	-11610 Jan 16 j 19:12	5° B 17'31	0°47'41
asc. node	-11611 Feb 04 j 01:03	26° B 11'45		asc. node	-11610 Jan 21 j 22:20	16° B 25'17	
	-11611 Feb 05 j 19:29	0° B		evening rise	-11610 Jan 23 j 18:07	20° B 17'11	
evening rise	-11611 Feb 08 j 08:10	5° B 19'56			-11610 Jan 28 j 13:23	0° B	
	-11611 Feb 21 j 14:31	0° B			-11610 Feb 17 j 04:31	0° B	
evening max el	-11611 Mar 09 j 21:02	21° B 18'47	26°32'12	evening max el	-11610 Feb 19 j 17:52	2° B 36'17	25°20'43
desc. node	-11611 Mar 23 j 20:24	28° B 42'07		retrograde	-11610 Mar 05 j 18:45	9° B 43'54	
retrograde	-11611 Mar 24 j 00:11	28° B 42'11		evening set	-11610 Mar 10 j 21:51	8° B 42'17	
evening set	-11611 Mar 30 j 02:42	27° B 06'18		desc. node	-11610 Mar 10 j 17:25	8° B 46'33	
min. Earth dist.	-11611 Apr 03 j 10:29	24° B 16'03	0.59524 AU	min. Earth dist.	-11610 Mar 16 j 07:20	5° B 43'56	0.57652 AU
inferior conj	-11611 Apr 06 j 18:42	21° B 35'05	-2°56'59	inferior conj	-11610 Mar 19 j 07:44	3° B 38'17	-2°02'04
minimum elong	-11611 Apr 06 j 15:41	21° B 41'11	2°57'07	minimum elong	-11610 Mar 19 j 04:08	3° B 44'36	2°01'48
morning rise	-11611 Apr 14 j 07:26	16° B 57'23			-11610 Mar 25 j 11:08	30° R B	
direct	-11611 Apr 16 j 17:30	16° B 35'45		morning rise	-11610 Mar 27 j 13:37	29° B 19'14	
morning max el	-11611 Apr 24 j 05:11	20° B 13'20	18°21'05	direct	-11610 Mar 29 j 19:45	29° B 03'31	
	-11611 May 01 j 13:59	0° B			-11610 Apr 02 j 23:20	0° B	
asc. node	-11611 May 03 j 00:22	2° B 23'41		morning max el	-11610 Apr 07 j 10:31	3° B 08'58	18°58'09
morning set	-11611 May 10 j 07:35	15° B 44'37		asc. node	-11610 Apr 19 j 21:17	21° B 37'42	
	-11611 May 17 j 21:37	0° B		morning set	-11610 Apr 24 j 00:43	29° B 35'28	
					-11610 Apr 24 j 05:44	0° B	
superior conj	-11611 May 19 j 23:28	3° B 48'37	1°46'41				
minimum elong	-11611 May 19 j 21:46	3° B 40'52	1°46'18	superior conj	-11610 May 02 j 17:51	16° B 35'00	1°35'07
max. Earth dist.	-11611 May 27 j 07:25	16° B 46'43	1.40455 AU	minimum elong	-11610 May 02 j 14:56	16° B 21'07	1°34'24

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

max. Earth dist.	-11610 May 09 j 07:55	28° \approx 48'31	1.38581 AU	max. Earth dist.	-11609 Apr 21 j 10:58	10° \approx 31'23	1.36813 AU
	-11610 May 09 j 23:50	0° \mathbb{H}		evening rise	-11609 Apr 25 j 13:04	18° \approx 06'27	
evening rise	-11610 May 13 j 09:35	5° \mathbb{H} 59'38			-11609 May 02 j 08:24	0° \mathbb{H}	
	-11610 May 28 j 06:45	0° \mathbb{Y}			-11609 May 22 j 10:41	0° \mathbb{Y}	
desc. node	-11610 Jun 06 j 15:19	13° \mathbb{Y} 21'23		desc. node	-11609 May 24 j 12:47	2° \mathbb{Y} 38'10	
evening max el	-11610 Jun 18 j 00:11	27° \mathbb{Y} 00'11	24°25'31	evening max el	-11609 May 31 j 09:49	10° \mathbb{Y} 22'05	25°40'58
	-11610 Jun 21 j 07:00	0° \mathbb{Z}		retrograde	-11609 Jun 12 j 15:03	17° \mathbb{Y} 30'03	
retrograde	-11610 Jun 29 j 05:15	3° \mathbb{Z} 37'39		evening set	-11609 Jun 18 j 18:15	14° \mathbb{Y} 50'01	
evening set	-11610 Jul 04 j 18:16	1° \mathbb{Z} 13'08		min. Earth dist.	-11609 Jun 23 j 00:26	10° \mathbb{Y} 03'07	0.66517 AU
	-11610 Jul 06 j 00:11	30° \mathbb{R} \mathbb{Y}		inferior conj	-11609 Jun 24 j 03:38	8° \mathbb{Y} 34'59	-2°37'07
min. Earth dist.	-11610 Jul 09 j 09:37	25° \mathbb{Y} 47'15	0.67054 AU	minimum elong	-11609 Jun 24 j 06:01	8° \mathbb{Y} 27'18	2°36'28
inferior conj	-11610 Jul 10 j 00:20	24° \mathbb{Y} 57'26	-2°00'51	morning rise	-11609 Jun 29 j 17:49	2° \mathbb{Y} 38'05	
minimum elong	-11610 Jul 10 j 02:29	24° \mathbb{Y} 50'11	1°59'56	direct	-11609 Jul 03 j 04:36	1° \mathbb{Y} 29'02	
morning rise	-11610 Jul 15 j 10:39	18° \mathbb{Y} 49'34		asc. node	-11609 Jul 03 j 18:58	1° \mathbb{Y} 31'03	
asc. node	-11610 Jul 16 j 22:08	17° \mathbb{Y} 56'36		morning max el	-11609 Jul 10 j 10:57	5° \mathbb{Y} 40'10	19°31'48
direct	-11610 Jul 19 j 06:43	17° \mathbb{Y} 24'58			-11609 Jul 27 j 17:30	0° \mathbb{Z}	
morning max el	-11610 Jul 27 j 08:08	22° \mathbb{Y} 10'43	20°34'15	morning set	-11609 Aug 03 j 15:16	10° \mathbb{Z} 47'52	
	-11610 Aug 02 j 18:44	0° \mathbb{Z}			-11609 Aug 15 j 20:06	0° \mathbb{II}	
	-11610 Aug 22 j 23:49	0° \mathbb{II}		max. Earth dist.	-11609 Aug 17 j 04:30	2° \mathbb{II} 08'31	1.44325 AU
morning set	-11610 Aug 24 j 09:25	2° \mathbb{II} 10'25					
desc. node	-11610 Sep 02 j 12:27	16° \mathbb{II} 34'55		superior conj	-11609 Aug 20 j 01:58	6° \mathbb{II} 45'03	0°01'57
max. Earth dist.	-11610 Sep 03 j 14:00	18° \mathbb{II} 17'39	1.43384 AU	minimum elong	-11609 Aug 20 j 02:15	6° \mathbb{II} 46'12	0°02'30
				behind sun begin	-11609 Aug 19 j 15:14	6° \mathbb{II} 02'12	
superior conj	-11610 Sep 09 j 09:15	27° \mathbb{II} 46'07	-0°40'35	behind sun end	-11609 Aug 20 j 13:16	7° \mathbb{II} 30'14	
minimum elong	-11610 Sep 09 j 05:34	27° \mathbb{II} 30'51	0°39'29	desc. node	-11609 Aug 20 j 09:42	7° \mathbb{II} 16'00	
	-11610 Sep 10 j 17:30	0° \mathbb{S}			-11609 Sep 03 j 08:26	0° \mathbb{S}	
evening rise	-11610 Sep 21 j 23:31	19° \mathbb{S} 14'34		evening rise	-11609 Sep 03 j 17:19	0° \mathbb{S} 36'53	
	-11610 Sep 28 j 04:12	0° \mathbb{O}		evening max el	-11609 Sep 22 j 19:09	29° \mathbb{S} 33'37	18°27'36
evening max el	-11610 Oct 09 j 05:36	16° \mathbb{O} 07'55	18°09'22		-11609 Sep 23 j 05:43	0° \mathbb{O}	
asc. node	-11610 Oct 12 j 21:55	18° \mathbb{O} 56'23		retrograde	-11609 Sep 29 j 10:35	3° \mathbb{O} 13'36	
retrograde	-11610 Oct 15 j 21:09	19° \mathbb{O} 40'34		asc. node	-11609 Sep 29 j 19:05	3° \mathbb{O} 12'55	
evening set	-11610 Oct 18 j 12:16	19° \mathbb{O} 06'16		evening set	-11609 Oct 02 j 06:34	2° \mathbb{O} 29'53	
inferior conj	-11610 Oct 25 j 01:28	13° \mathbb{O} 48'34	3°18'01		-11609 Oct 05 j 13:31	30° \mathbb{R} \mathbb{S}	
minimum elong	-11610 Oct 24 j 21:39	13° \mathbb{O} 58'25	3°17'35	inferior conj	-11609 Oct 08 j 09:55	26° \mathbb{S} 55'08	2°31'46
min. Earth dist.	-11610 Oct 27 j 14:29	11° \mathbb{O} 11'07	0.62761 AU	minimum elong	-11609 Oct 08 j 06:36	27° \mathbb{S} 04'37	2°31'19
morning rise	-11610 Oct 31 j 06:07	7° \mathbb{O} 56'46		min. Earth dist.	-11609 Oct 10 j 10:04	24° \mathbb{S} 37'23	0.64243 AU
direct	-11610 Nov 07 j 07:28	5° \mathbb{O} 19'36		morning rise	-11609 Oct 14 j 06:00	20° \mathbb{S} 50'25	
morning max el	-11610 Nov 21 j 00:50	12° \mathbb{O} 50'32	27°34'37	direct	-11609 Oct 21 j 01:14	18° \mathbb{S} 06'14	
desc. node	-11610 Nov 29 j 12:56	22° \mathbb{O} 33'28		morning max el	-11609 Nov 03 j 10:16	25° \mathbb{S} 38'38	27°16'10
	-11610 Dec 04 j 22:20	0° \mathbb{P}			-11609 Nov 07 j 12:33	0° \mathbb{O}	
	-11610 Dec 22 j 11:25	0° \mathbb{U}		desc. node	-11609 Nov 16 j 09:38	11° \mathbb{O} 22'55	
morning set	-11610 Dec 24 j 16:29	4° \mathbb{U} 23'49			-11609 Nov 28 j 08:45	0° \mathbb{P}	
max. Earth dist.	-11610 Dec 30 j 07:14	16° \mathbb{U} 05'20	1.33261 AU	morning set	-11609 Dec 08 j 10:51	18° \mathbb{P} 27'02	
				max. Earth dist.	-11609 Dec 13 j 08:50	28° \mathbb{P} 21'08	1.34055 AU
					-11609 Dec 14 j 03:53	0° \mathbb{U}	
superior conj	-11609 Jan 01 j 03:39	20° \mathbb{U} 03'53	-1°06'24				
minimum elong	-11609 Jan 01 j 05:44	20° \mathbb{U} 15'07	1°06'18	superior conj	-11609 Dec 16 j 10:25	4° \mathbb{U} 46'14	-1°21'58
	-11609 Jan 05 j 18:02	0° \mathbb{M}		minimum elong	-11609 Dec 16 j 12:27	4° \mathbb{U} 56'58	1°21'47
evening rise	-11609 Jan 08 j 05:22	5° \mathbb{M} 15'18		evening rise	-11609 Dec 23 j 16:15	20° \mathbb{U} 08'19	
asc. node	-11609 Jan 08 j 19:38	6° \mathbb{M} 30'01		asc. node	-11609 Dec 26 j 16:59	26° \mathbb{U} 20'51	
	-11609 Jan 21 j 15:13	0° \mathbb{X}			-11609 Dec 28 j 13:34	0° \mathbb{M}	
evening max el	-11609 Feb 01 j 11:13	13° \mathbb{X} 30'29	23°51'16	evening max el	-11608 Jan 14 j 06:00	24° \mathbb{M} 24'49	22°17'27
retrograde	-11609 Feb 15 j 00:54	20° \mathbb{X} 11'24			-11608 Jan 23 j 11:30	0° \mathbb{X}	
evening set	-11609 Feb 19 j 02:03	19° \mathbb{X} 35'12		retrograde	-11608 Jan 26 j 20:04	0° \mathbb{X} 25'57	
desc. node	-11609 Feb 25 j 14:23	16° \mathbb{X} 31'47		evening set	-11608 Jan 30 j 00:31	0° \mathbb{X} 03'34	
min. Earth dist.	-11609 Feb 26 j 00:09	16° \mathbb{X} 17'08	0.56214 AU		-11608 Jan 30 j 06:31	30° \mathbb{R} \mathbb{M}	
inferior conj	-11609 Feb 28 j 01:02	15° \mathbb{X} 02'21	-0°37'11	min. Earth dist.	-11608 Feb 07 j 15:10	26° \mathbb{M} 12'19	0.55491 AU
minimum elong	-11609 Feb 27 j 23:32	15° \mathbb{X} 04'39	0°37'20	inferior conj	-11608 Feb 08 j 03:03	25° \mathbb{M} 55'18	1°06'47
morning rise	-11609 Mar 08 j 23:39	10° \mathbb{X} 56'55		minimum elong	-11608 Feb 08 j 05:53	25° \mathbb{M} 51'15	1°05'22
direct	-11609 Mar 11 j 03:56	10° \mathbb{X} 44'33		desc. node	-11608 Feb 12 j 11:15	23° \mathbb{M} 34'44	
morning max el	-11609 Mar 21 j 07:14	15° \mathbb{X} 31'56	19°55'03	morning rise	-11608 Feb 17 j 12:05	21° \mathbb{M} 51'15	
	-11609 Mar 31 j 19:08	0° \mathbb{Z}		direct	-11608 Feb 19 j 22:02	21° \mathbb{M} 37'49	
asc. node	-11609 Apr 06 j 18:15	11° \mathbb{Z} 15'34		morning max el	-11608 Mar 02 j 17:13	27° \mathbb{M} 16'15	21°10'42
morning set	-11609 Apr 08 j 02:22	13° \mathbb{Z} 56'15			-11608 Mar 05 j 07:46	0° \mathbb{X}	
				morning set	-11608 Mar 22 j 09:46	28° \mathbb{X} 39'00	
superior conj	-11609 Apr 16 j 02:59	0° \mathbb{Z} 08'59	1°17'29		-11608 Mar 23 j 01:30	0° \mathbb{Z}	
minimum elong	-11609 Apr 16 j 00:02	29° \mathbb{Z} 54'15	1°16'32	asc. node	-11608 Mar 23 j 15:16	1° \mathbb{Z} 11'14	
	-11609 Apr 16 j 01:11	0° \mathbb{Z}					

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11608 Mar 29 j 22:43	14° Z 18'32	0°56'16	minimum elong	-11607 Mar 14 j 00:20	28° Z 45'30	0°32'19
minimum elong	-11608 Mar 29 j 20:22	14° Z 06'28	0°55'15		-11607 Mar 14 j 14:26	0° Z	
max. Earth dist.	-11608 Apr 02 j 21:52	22° Z 21'02	1.35326 AU	max. Earth dist.	-11607 Mar 16 j 19:00	4° Z 35'10	1.34183 AU
	-11608 Apr 06 j 20:00	0° \approx		evening rise	-11607 Mar 21 j 23:24	15° Z 03'48	
evening rise	-11608 Apr 07 j 11:25	1° \approx 13'15			-11607 Mar 30 j 00:20	0° \approx	
	-11608 Apr 24 j 09:04	0° H			-11607 Apr 19 j 01:35	0° H	
desc. node	-11608 May 10 j 10:11	21° H 11'50		evening max el	-11607 Apr 25 j 07:02	6° H 51'55	27°18'26
evening max el	-11608 May 12 j 20:11	23° H 42'04	26°41'16	desc. node	-11607 Apr 27 j 07:31	8° H 44'32	
	-11608 May 21 j 04:36	0° Y		retrograde	-11607 May 08 j 19:57	14° H 25'59	
retrograde	-11608 May 25 j 20:12	1° Y 08'50		evening set	-11607 May 15 j 17:44	11° H 43'16	
	-11608 May 30 j 02:58	30° R H		min. Earth dist.	-11607 May 19 j 10:54	8° H 10'37	0.64277 AU
evening set	-11608 Jun 01 j 11:01	28° H 21'36		inferior conj	-11607 May 21 j 18:25	5° H 36'28	-3°24'07
min. Earth dist.	-11608 Jun 05 j 09:29	24° H 13'40	0.65595 AU	minimum elong	-11607 May 21 j 19:43	5° H 32'51	3°24'18
inferior conj	-11608 Jun 07 j 02:28	22° H 09'19	-3°05'39	morning rise	-11607 May 27 j 22:19	0° H 09'14	
minimum elong	-11608 Jun 07 j 04:36	22° H 02'51	3°05'25		-11607 May 28 j 06:05	30° R \approx	
morning rise	-11608 Jun 12 j 22:25	16° H 26'05		direct	-11607 May 30 j 19:50	29° \approx 25'00	
direct	-11608 Jun 16 j 01:46	15° H 30'28			-11607 Jun 02 j 09:50	0° H	
asc. node	-11608 Jun 19 j 15:46	16° H 38'54		morning max el	-11607 Jun 06 j 07:48	2° H 53'36	18°14'23
morning max el	-11608 Jun 22 j 19:27	19° H 15'35	18°44'36	asc. node	-11607 Jun 06 j 12:33	3° H 05'40	
	-11608 Jun 30 j 22:36	0° Y			-11607 Jun 24 j 03:46	0° Y	
morning set	-11608 Jul 13 j 15:28	20° Y 16'36		morning set	-11607 Jun 24 j 16:56	0° Y 55'39	
	-11608 Jul 19 j 16:23	0° B					
superior conj	-11608 Jul 29 j 02:37	15° B 00'01	0°47'13	superior conj	-11607 Jul 08 j 09:03	23° Y 33'34	1°23'36
minimum elong	-11608 Jul 29 j 08:00	15° B 21'17	0°47'03	minimum elong	-11607 Jul 08 j 15:23	23° Y 59'09	1°23'18
max. Earth dist.	-11608 Jul 29 j 20:59	16° B 12'40	1.44584 AU		-11607 Jul 12 j 09:20	0° B	
desc. node	-11608 Aug 06 j 06:59	27° B 56'28		max. Earth dist.	-11607 Jul 12 j 12:37	0° B 13'06	1.44142 AU
	-11608 Aug 07 j 14:10	0° II		desc. node	-11607 Jul 24 j 04:21	18° B 33'35	
evening rise	-11608 Aug 14 j 08:54	10° II 46'24		evening rise	-11607 Jul 24 j 22:23	19° B 43'46	
	-11608 Aug 26 j 13:15	0° B			-11607 Jul 31 j 13:41	0° II	
evening max el	-11608 Sep 05 j 06:35	13° B 02'59	19°03'06	greatest brilliancy	-11607 Aug 06 j 10:50	8° II 57'19	-0.7m
retrograde	-11608 Sep 12 j 04:52	16° B 58'45		evening max el	-11607 Aug 19 j 13:28	26° II 32'30	19°54'35
evening set	-11608 Sep 15 j 08:04	16° B 02'26			-11607 Aug 23 j 21:13	0° B	
asc. node	-11608 Sep 15 j 16:12	15° B 49'42		retrograde	-11607 Aug 27 j 01:18	0° B 52'39	
inferior conj	-11608 Sep 21 j 03:14	10° B 13'55	1°40'54		-11607 Aug 30 j 01:40	30° R II	
minimum elong	-11608 Sep 21 j 00:56	10° B 21'03	1°40'43	evening set	-11607 Aug 30 j 14:04	29° II 40'21	
min. Earth dist.	-11608 Sep 22 j 14:52	8° B 23'27	0.65435 AU	asc. node	-11607 Sep 02 j 13:13	26° II 54'20	
morning rise	-11608 Sep 26 j 17:21	3° B 59'57		inferior conj	-11607 Sep 05 j 02:50	23° II 41'06	0°48'38
direct	-11608 Oct 03 j 01:31	1° B 19'56		minimum elong	-11607 Sep 05 j 01:44	23° II 44'46	0°48'50
morning max el	-11608 Oct 15 j 20:35	8° B 44'45	26°28'52	min. Earth dist.	-11607 Sep 06 j 02:49	22° II 22'19	0.66325 AU
	-11608 Nov 01 j 16:42	0° Ω		morning rise	-11607 Sep 10 j 13:06	17° II 21'51	
desc. node	-11608 Nov 02 j 06:21	0° Ω 50'28		direct	-11607 Sep 16 j 07:38	14° II 54'07	
	-11608 Nov 19 j 17:49	0° M		morning max el	-11607 Sep 28 j 06:21	21° II 58'26	25°20'29
morning set	-11608 Nov 20 j 17:14	1° M 49'27			-11607 Oct 05 j 07:56	0° B	
max. Earth dist.	-11608 Nov 24 j 23:48	10° M 03'47	1.35279 AU	desc. node	-11607 Oct 20 j 03:09	20° B 45'29	
					-11607 Oct 25 j 22:52	0° Ω	
superior conj	-11608 Nov 29 j 11:25	19° M 06'30	-1°33'15	morning set	-11607 Nov 03 j 07:02	14° Ω 18'00	
minimum elong	-11608 Nov 29 j 12:53	19° M 14'02	1°32'59	max. Earth dist.	-11607 Nov 07 j 04:17	21° Ω 25'03	1.36921 AU
	-11608 Dec 04 j 17:12	0° Ω			-11607 Nov 11 j 15:57	0° M	
evening rise	-11608 Dec 07 j 00:58	4° Ω 49'18		superior conj	-11607 Nov 13 j 03:50	2° M 56'26	-1°38'44
asc. node	-11608 Dec 12 j 14:19	15° Ω 50'50		minimum elong	-11607 Nov 13 j 04:08	2° M 57'57	1°38'24
	-11608 Dec 21 j 07:35	0° M		evening rise	-11607 Nov 21 j 05:44	19° M 13'08	
evening max el	-11608 Dec 26 j 07:34	5° M 40'14	20°51'16		-11607 Nov 26 j 18:14	0° Ω	
retrograde	-11607 Jan 06 j 10:37	10° M 53'41		asc. node	-11607 Nov 29 j 11:39	4° Ω 52'29	
evening set	-11607 Jan 09 j 04:00	10° M 36'08		evening max el	-11607 Dec 08 j 19:00	17° Ω 28'19	19°40'33
inferior conj	-11607 Jan 18 j 00:34	6° M 37'22	2°44'18	retrograde	-11607 Dec 18 j 08:10	21° Ω 58'20	
minimum elong	-11607 Jan 18 j 06:16	6° M 29'03	2°42'28	evening set	-11607 Dec 20 j 21:34	21° Ω 40'27	
min. Earth dist.	-11607 Jan 19 j 05:08	5° M 55'46	0.55632 AU	inferior conj	-11607 Dec 29 j 06:41	17° Ω 34'24	3°50'03
morning rise	-11607 Jan 27 j 07:17	2° M 18'55		minimum elong	-11607 Dec 29 j 11:05	17° Ω 27'21	3°49'14
desc. node	-11607 Jan 29 j 08:02	1° M 59'00		min. Earth dist.	-11607 Dec 31 j 18:29	15° Ω 59'00	0.56593 AU
direct	-11607 Jan 30 j 13:11	1° M 55'42		morning rise	-11606 Jan 06 j 22:30	12° Ω 52'53	
morning max el	-11607 Feb 12 j 16:12	8° M 21'37	22°41'24	direct	-11606 Jan 11 j 11:54	12° Ω 06'06	
	-11607 Feb 27 j 23:23	0° Z		desc. node	-11606 Jan 16 j 04:45	12° Ω 56'54	
morning set	-11607 Mar 06 j 20:37	13° Z 35'37		morning max el	-11606 Jan 25 j 07:48	19° Ω 03'13	24°18'25
asc. node	-11607 Mar 10 j 12:20	21° Z 18'45			-11606 Feb 03 j 10:16	0° M	
				morning set	-11606 Feb 19 j 09:00	28° M 39'27	
superior conj	-11607 Mar 14 j 01:45	28° Z 52'57	0°33'14		-11606 Feb 20 j 00:19	0° Z	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

asc. node	-11606 Feb 25 j 09:27	11°♊33'32		direct	-11606 Dec 23 j 21:47	22°♏36'49	
				desc. node	-11605 Jan 03 j 01:26	26°♏31'31	
superior conj	-11606 Feb 26 j 09:37	13°♊44'01	0°09'37	morning max el	-11605 Jan 06 j 22:59	29°♏49'53	25°47'54
minimum elong	-11606 Feb 26 j 09:14	13°♊41'56	0°08'55		-11605 Jan 07 j 03:11	0°♊	
behind sun begin	-11606 Feb 26 j 04:59	13°♊18'59			-11605 Jan 27 j 23:30	0°♏	
behind sun end	-11606 Feb 26 j 13:30	14°♊04'53		morning set	-11605 Feb 03 j 21:11	13°♏44'08	
max. Earth dist.	-11606 Feb 28 j 01:02	17°♊15'46	1.33387 AU				
evening rise	-11606 Mar 05 j 21:00	29°♊25'09		superior conj	-11605 Feb 10 j 20:22	28°♏45'03	-0°13'38
	-11606 Mar 06 j 03:55	0°♊		minimum elong	-11605 Feb 10 j 20:57	28°♏48'13	0°14'04
	-11606 Mar 23 j 03:38	0°♏		behind sun begin	-11605 Feb 10 j 18:41	28°♏35'53	
evening max el	-11606 Apr 07 j 16:21	19°♏39'37	27°26'07	behind sun end	-11605 Feb 10 j 23:13	29°♏00'34	
desc. node	-11606 Apr 14 j 04:46	24°♏51'22			-11605 Feb 11 j 10:08	0°♊	
retrograde	-11606 Apr 21 j 13:17	27°♏12'53		max. Earth dist.	-11605 Feb 11 j 12:44	0°♊14'09	1.32919 AU
evening set	-11606 Apr 28 j 11:04	24°♏47'49		asc. node	-11605 Feb 12 j 06:38	1°♊51'29	
min. Earth dist.	-11606 May 02 j 03:20	21°♏42'09	0.62602 AU	evening rise	-11605 Feb 18 j 01:11	14°♊07'09	
inferior conj	-11606 May 05 j 00:32	18°♏50'23	-3°29'03		-11605 Feb 26 j 06:07	0°♊	
minimum elong	-11606 May 05 j 00:23	18°♏50'46	3°29'31		-11605 Mar 19 j 00:16	0°♏	
morning rise	-11606 May 11 j 14:57	13°♏41'19		evening max el	-11605 Mar 20 j 21:41	1°♏54'26	27°01'04
direct	-11606 May 14 j 07:49	13°♏06'48		desc. node	-11605 Apr 01 j 01:55	9°♏00'46	
morning max el	-11606 May 20 j 21:40	16°♏29'04	18°02'11	retrograde	-11605 Apr 03 j 23:09	9°♏22'28	
asc. node	-11606 May 24 j 09:20	20°♏35'15		evening set	-11605 Apr 10 j 11:48	7°♏26'26	
	-11606 May 30 j 11:30	0°♏		min. Earth dist.	-11605 Apr 14 j 10:42	4°♏35'08	0.60674 AU
morning set	-11606 Jun 06 j 18:02	12°♏41'44		inferior conj	-11605 Apr 17 j 17:28	1°♏43'51	-3°15'34
	-11606 Jun 16 j 16:29	0°♏		minimum elong	-11605 Apr 17 j 15:26	1°♏48'18	3°15'55
					-11605 Apr 19 j 18:24	30°♏	
superior conj	-11606 Jun 18 j 14:18	3°♏13'53	1°44'11	morning rise	-11605 Apr 24 j 21:14	26°♏54'41	
minimum elong	-11606 Jun 18 j 17:30	3°♏27'21	1°44'02	direct	-11605 Apr 27 j 09:55	26°♏28'38	
max. Earth dist.	-11606 Jun 25 j 00:49	13°♏52'53	1.43065 AU	morning max el	-11605 May 04 j 10:33	29°♏56'25	18°08'44
evening rise	-11606 Jul 03 j 22:38	28°♏04'03			-11605 May 04 j 12:02	0°♏	
	-11606 Jul 05 j 04:24	0°♏		asc. node	-11605 May 11 j 06:11	8°♏54'17	
desc. node	-11606 Jul 11 j 01:47	9°♏03'05		morning set	-11605 May 20 j 14:16	25°♏25'10	
	-11606 Jul 25 j 10:16	0°♏			-11605 May 23 j 01:45	0°♏	
evening max el	-11606 Aug 02 j 13:52	9°♏58'15	21°00'10				
retrograde	-11606 Aug 10 j 21:46	14°♏51'47		superior conj	-11605 May 30 j 22:41	14°♏15'34	1°49'19
evening set	-11606 Aug 14 j 22:15	13°♏20'19		minimum elong	-11605 May 30 j 22:22	14°♏14'12	1°49'06
inferior conj	-11606 Aug 20 j 06:30	7°♏13'07	-0°02'54	max. Earth dist.	-11605 Jun 07 j 07:43	26°♏57'54	1.41497 AU
minimum elong	-11606 Aug 20 j 06:33	7°♏12'57	0°02'17		-11605 Jun 09 j 03:25	0°♏	
transit middle	-11606 Aug 20 j 06:33	7°♏12'57	0°02'17	evening rise	-11605 Jun 13 j 08:29	6°♏52'27	
transit begin	-11606 Aug 20 j 03:51	7°♏22'08		desc. node	-11605 Jun 27 j 23:13	29°♏20'54	
transit end	-11606 Aug 20 j 09:15	7°♏03'46			-11605 Jun 28 j 09:53	0°♏	
asc. node	-11606 Aug 20 j 10:10	7°♏00'37		evening max el	-11605 Jul 16 j 07:20	23°♏19'49	22°16'32
min. Earth dist.	-11606 Aug 20 j 19:36	6°♏28'28	0.66915 AU	retrograde	-11605 Jul 25 j 16:43	28°♏53'50	
morning rise	-11606 Aug 25 j 14:41	0°♏52'28		evening set	-11605 Jul 30 j 06:40	27°♏01'17	
	-11606 Aug 26 j 18:14	30°♏		inferior conj	-11605 Aug 04 j 12:22	20°♏48'43	-0°51'58
direct	-11606 Aug 30 j 18:49	28°♏41'41		minimum elong	-11605 Aug 04 j 13:26	20°♏45'03	0°51'05
	-11606 Sep 04 j 05:16	0°♏		min. Earth dist.	-11605 Aug 04 j 14:56	20°♏39'50	0.67209 AU
morning max el	-11606 Sep 10 j 16:06	5°♏13'15	23°59'57	asc. node	-11605 Aug 07 j 07:06	17°♏07'31	
	-11606 Sep 29 j 18:54	0°♏		morning rise	-11605 Aug 09 j 20:06	14°♏30'16	
desc. node	-11606 Oct 07 j 00:02	10°♏59'27		direct	-11605 Aug 14 j 10:28	12°♏38'06	
morning set	-11606 Oct 15 j 22:53	25°♏38'27		morning max el	-11605 Aug 24 j 04:07	18°♏29'20	22°35'54
	-11606 Oct 18 j 11:34	0°♏			-11605 Sep 02 j 15:49	0°♏	
max. Earth dist.	-11606 Oct 20 j 03:18	2°♏54'42	1.38846 AU		-11605 Sep 22 j 23:13	0°♏	
				desc. node	-11605 Sep 23 j 20:59	1°♏26'28	
superior conj	-11606 Oct 27 j 07:49	16°♏04'47	-1°36'34	morning set	-11605 Sep 26 j 12:37	5°♏42'17	
minimum elong	-11606 Oct 27 j 06:23	15°♏58'02	1°36'03	max. Earth dist.	-11605 Oct 02 j 03:38	15°♏01'25	1.40818 AU
	-11606 Nov 03 j 12:40	0°♏					
evening rise	-11606 Nov 05 j 04:16	3°♏13'43		superior conj	-11605 Oct 09 j 18:25	28°♏17'56	-1°24'29
asc. node	-11606 Nov 16 j 08:57	23°♏16'31		minimum elong	-11605 Oct 09 j 15:03	28°♏02'51	1°23'39
evening max el	-11606 Nov 21 j 16:23	29°♏49'31	18°49'11		-11605 Oct 10 j 17:05	0°♏	
	-11606 Nov 21 j 20:48	0°♏		evening rise	-11605 Oct 19 j 17:41	16°♏43'56	
retrograde	-11606 Nov 29 j 22:08	3°♏48'23			-11605 Oct 26 j 23:35	0°♏	
evening set	-11606 Dec 02 j 10:00	3°♏27'57		asc. node	-11605 Nov 03 j 06:15	10°♏51'14	
	-11606 Dec 08 j 23:10	30°♏		evening max el	-11605 Nov 04 j 22:00	12°♏38'30	18°18'13
inferior conj	-11606 Dec 10 j 06:07	29°♏03'52	4°16'07	retrograde	-11605 Nov 12 j 05:55	16°♏18'52	
minimum elong	-11606 Dec 10 j 06:51	29°♏02'31	4°16'09	evening set	-11605 Nov 14 j 17:32	15°♏54'35	
min. Earth dist.	-11606 Dec 13 j 09:12	26°♏46'44	0.58135 AU	inferior conj	-11605 Nov 22 j 00:56	11°♏09'06	4°09'27
morning rise	-11606 Dec 18 j 01:46	23°♏58'50		minimum elong	-11605 Nov 21 j 22:38	11°♏13'59	4°09'29

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

min. Earth dist.	-11605 Nov 25 j 04:57	8° \mathbb{M} 28'38	0.59956 AU	morning rise	-11604 Nov 10 j 00:05	18° \mathcal{O} 01'16	
morning rise	-11605 Nov 29 j 02:10	5° \mathbb{M} 43'15		direct	-11604 Nov 17 j 01:17	15° \mathcal{O} 33'52	
direct	-11605 Dec 05 j 18:46	3° \mathbb{M} 44'16		morning max el	-11604 Nov 30 j 22:08	23° \mathcal{O} 03'10	27°30'07
morning max el	-11605 Dec 19 j 19:21	11° \mathbb{M} 06'45	26°55'02	desc. node	-11604 Dec 06 j 18:47	29° \mathcal{O} 27'20	
desc. node	-11605 Dec 20 j 22:06	12° \mathbb{M} 12'45			-11604 Dec 07 j 05:30	0° \mathbb{M}	
	-11604 Jan 03 j 14:30	0° \mathcal{O}			-11604 Dec 26 j 15:43	0° \mathcal{O}	
morning set	-11604 Jan 19 j 07:16	28° \mathcal{O} 42'06		morning set	-11603 Jan 02 j 13:17	13° \mathcal{O} 26'00	
	-11604 Jan 19 j 22:12	0° \mathbb{M}		max. Earth dist.	-11603 Jan 08 j 13:57	26° \mathcal{O} 09'49	1.32977 AU
superior conj	-11604 Jan 26 j 08:13	13° \mathbb{M} 49'03	-0°35'44	superior conj	-11603 Jan 09 j 19:31	28° \mathcal{O} 50'05	-0°55'56
minimum elong	-11604 Jan 26 j 09:36	13° \mathbb{M} 56'35	0°35'54	minimum elong	-11603 Jan 09 j 21:27	29° \mathcal{O} 00'31	0°55'54
max. Earth dist.	-11604 Jan 26 j 02:17	13° \mathbb{M} 16'39	1.32777 AU		-11603 Jan 10 j 08:23	0° \mathbb{M}	
asc. node	-11604 Jan 30 j 03:52	22° \mathbb{M} 07'50		asc. node	-11603 Jan 16 j 01:10	12° \mathbb{M} 18'18	
evening rise	-11604 Feb 02 j 09:34	29° \mathbb{M} 00'43		evening rise	-11603 Jan 16 j 20:17	13° \mathbb{M} 59'09	
	-11604 Feb 02 j 20:58	0° \mathcal{O}			-11603 Jan 25 j 00:03	0° \mathcal{O}	
	-11604 Feb 19 j 18:21	0° \mathcal{O}		evening max el	-11603 Feb 11 j 16:03	24° \mathcal{O} 35'17	24°44'03
evening max el	-11604 Mar 01 j 21:18	13° \mathcal{O} 30'32	26°04'41		-11603 Feb 19 j 03:53	0° \mathcal{O}	
retrograde	-11604 Mar 16 j 00:06	20° \mathcal{O} 48'46		retrograde	-11603 Feb 25 j 13:57	1° \mathcal{O} 33'57	
desc. node	-11604 Mar 17 j 23:00	20° \mathcal{O} 39'14		evening set	-11603 Mar 02 j 05:39	0° \mathcal{O} 44'35	
evening set	-11604 Mar 21 j 17:39	19° \mathcal{O} 27'39			-11603 Mar 04 j 01:32	30° \mathcal{R}	
min. Earth dist.	-11604 Mar 26 j 10:33	16° \mathcal{O} 35'45	0.58694 AU	desc. node	-11603 Mar 04 j 20:01	29° \mathcal{O} 37'34	
inferior conj	-11604 Mar 29 j 17:28	14° \mathcal{O} 07'07	-2°37'25	min. Earth dist.	-11603 Mar 08 j 05:35	27° \mathcal{O} 39'00	0.56965 AU
minimum elong	-11604 Mar 29 j 13:57	14° \mathcal{O} 13'47	2°37'21	inferior conj	-11603 Mar 10 j 21:58	25° \mathcal{O} 53'24	-1°29'26
morning rise	-11604 Apr 06 j 13:22	9° \mathcal{O} 38'03		minimum elong	-11603 Mar 10 j 18:52	25° \mathcal{O} 58'30	1°29'13
direct	-11604 Apr 08 j 21:44	9° \mathcal{O} 19'12		morning rise	-11603 Mar 19 j 11:18	21° \mathcal{O} 41'14	
morning max el	-11604 Apr 16 j 19:33	13° \mathcal{O} 06'27	18°34'32	direct	-11603 Mar 21 j 15:56	21° \mathcal{O} 27'30	
asc. node	-11604 Apr 27 j 03:03	27° \mathcal{O} 50'38		morning max el	-11603 Mar 30 j 21:37	25° \mathcal{O} 49'28	19°19'58
	-11604 Apr 28 j 07:41	0° \mathcal{O}			-11603 Apr 03 j 14:51	0° \mathcal{O}	
morning set	-11604 May 03 j 00:54	8° \mathcal{O} 53'55		asc. node	-11603 Apr 13 j 23:58	17° \mathcal{O} 15'17	
				morning set	-11603 Apr 16 j 21:59	22° \mathcal{O} 57'56	
superior conj	-11604 May 12 j 06:15	26° \mathcal{O} 28'08	1°42'43		-11603 Apr 20 j 10:42	0° \mathcal{O}	
minimum elong	-11604 May 12 j 03:52	26° \mathcal{O} 17'02	1°42'12				
	-11604 May 14 j 04:12	0° \mathcal{O}		superior conj	-11603 Apr 25 j 07:27	9° \mathcal{O} 36'04	1°28'13
max. Earth dist.	-11604 May 19 j 09:04	9° \mathcal{O} 18'50	1.39655 AU	minimum elong	-11603 Apr 25 j 04:25	9° \mathcal{O} 21'17	1°27'23
evening rise	-11604 May 23 j 19:24	16° \mathcal{O} 55'01		max. Earth dist.	-11603 May 01 j 09:14	21° \mathcal{O} 06'34	1.37800 AU
	-11604 May 31 j 20:24	0° \mathcal{O}		evening rise	-11603 May 05 j 09:23	28° \mathcal{O} 20'01	
desc. node	-11604 Jun 13 j 20:40	19° \mathcal{O} 21'28			-11603 May 06 j 08:08	0° \mathcal{O}	
	-11604 Jun 21 j 21:54	0° \mathcal{O}			-11603 May 25 j 05:21	0° \mathcal{O}	
evening max el	-11604 Jun 27 j 19:22	6° \mathcal{O} 39'24	23°38'35	desc. node	-11603 May 31 j 18:07	8° \mathcal{O} 57'06	
retrograde	-11604 Jul 08 j 08:57	12° \mathcal{O} 55'48		evening max el	-11603 Jun 10 j 05:06	20° \mathcal{O} 00'24	24°59'00
evening set	-11604 Jul 13 j 13:25	10° \mathcal{O} 42'14		retrograde	-11603 Jun 21 j 21:23	26° \mathcal{O} 52'54	
inferior conj	-11604 Jul 18 j 18:41	4° \mathcal{O} 26'48	-1°37'08	evening set	-11603 Jun 27 j 16:28	24° \mathcal{O} 21'10	
minimum elong	-11604 Jul 18 j 20:31	4° \mathcal{O} 20'31	1°36'10	min. Earth dist.	-11603 Jul 02 j 03:47	19° \mathcal{O} 11'26	0.66862 AU
min. Earth dist.	-11604 Jul 18 j 10:28	4° \mathcal{O} 55'01	0.67198 AU	inferior conj	-11603 Jul 02 j 23:37	18° \mathcal{O} 05'17	-2°17'06
	-11604 Jul 22 j 06:25	30° \mathcal{R}		minimum elong	-11603 Jul 03 j 01:55	17° \mathcal{O} 57'38	2°16'16
morning rise	-11604 Jul 24 j 03:34	28° \mathcal{O} 14'02		morning rise	-11603 Jul 08 j 11:20	12° \mathcal{O} 01'29	
asc. node	-11604 Jul 24 j 03:59	28° \mathcal{O} 13'14		asc. node	-11603 Jul 11 j 00:49	10° \mathcal{O} 50'39	
direct	-11604 Jul 28 j 05:41	26° \mathcal{O} 39'55		direct	-11603 Jul 12 j 03:08	10° \mathcal{O} 43'48	
	-11604 Aug 03 j 23:26	0° \mathcal{O}		morning max el	-11603 Jul 19 j 19:52	15° \mathcal{O} 14'21	20°05'56
morning max el	-11604 Aug 05 j 20:53	1° \mathcal{O} 49'09	21°15'59		-11603 Jul 31 j 01:36	0° \mathcal{O}	
	-11604 Aug 26 j 13:43	0° \mathbb{I}		morning set	-11603 Aug 15 j 04:59	23° \mathcal{O} 06'29	
morning set	-11604 Sep 05 j 02:15	14° \mathbb{I} 38'54			-11603 Aug 19 j 14:51	0° \mathbb{I}	
desc. node	-11604 Sep 09 j 18:02	22° \mathbb{I} 02'03		max. Earth dist.	-11603 Aug 26 j 20:23	11° \mathbb{I} 26'47	1.43859 AU
max. Earth dist.	-11604 Sep 13 j 09:04	27° \mathbb{I} 54'11	1.42566 AU	desc. node	-11603 Aug 27 j 15:11	12° \mathbb{I} 42'00	
	-11604 Sep 14 j 15:45	0° \mathcal{O}					
superior conj	-11604 Sep 20 j 05:52	9° \mathcal{O} 21'06	-1°00'20	superior conj	-11603 Aug 31 j 13:47	19° \mathbb{I} 03'47	-0°23'34
minimum elong	-11604 Sep 20 j 01:32	9° \mathcal{O} 02'40	0°59'12	minimum elong	-11603 Aug 31 j 11:22	18° \mathbb{I} 53'57	0°22'38
evening rise	-11604 Oct 01 j 18:13	29° \mathcal{O} 34'38			-11603 Sep 07 j 05:02	0° \mathcal{O}	
	-11604 Oct 01 j 23:53	0° \mathcal{O}		evening rise	-11603 Sep 14 j 00:51	11° \mathcal{O} 32'50	
evening max el	-11604 Oct 18 j 09:07	25° \mathcal{O} 47'59	18°07'10		-11603 Sep 25 j 01:33	0° \mathcal{O}	
asc. node	-11604 Oct 20 j 03:31	27° \mathcal{O} 22'11		evening max el	-11603 Oct 01 j 22:40	9° \mathcal{O} 09'43	18°14'59
retrograde	-11604 Oct 25 j 04:23	29° \mathcal{O} 20'44		asc. node	-11603 Oct 07 j 00:45	12° \mathcal{O} 32'07	
evening set	-11604 Oct 27 j 17:33	28° \mathcal{O} 50'51		retrograde	-11603 Oct 08 j 13:17	12° \mathcal{O} 44'14	
inferior conj	-11604 Nov 03 j 13:04	23° \mathcal{O} 44'33	3°40'52	evening set	-11603 Oct 11 j 06:11	12° \mathcal{O} 06'19	
minimum elong	-11604 Nov 03 j 09:24	23° \mathcal{O} 53'26	3°40'34	inferior conj	-11603 Oct 17 j 15:02	6° \mathcal{O} 41'20	2°59'12
min. Earth dist.	-11604 Nov 06 j 09:00	21° \mathcal{O} 00'49	0.61783 AU	minimum elong	-11603 Oct 17 j 11:21	6° \mathcal{O} 51'19	2°58'43
				min. Earth dist.	-11603 Oct 19 j 22:47	4° \mathcal{O} 10'46	0.63430 AU

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

morning rise	-11603 Oct 23 j 15:41	0° Ω 43'43		evening set	-11602 Sep 25 j 03:55	25° \mathfrak{C} 34'35	
	-11603 Oct 24 j 15:58	30° \mathfrak{R} \mathfrak{S}		inferior conj	-11602 Oct 01 j 03:36	19° \mathfrak{C} 53'38	2°10'30
direct	-11603 Oct 30 j 15:25	28° \mathfrak{C} 01'37		minimum elong	-11602 Oct 01 j 00:41	20° \mathfrak{C} 02'18	2°10'09
	-11603 Nov 06 j 03:41	0° Ω		min. Earth dist.	-11602 Oct 02 j 22:18	17° \mathfrak{C} 46'59	0.64798 AU
morning max el	-11603 Nov 13 j 05:36	5° Ω 34'11	27°30'32	morning rise	-11602 Oct 06 j 20:54	13° \mathfrak{C} 44'49	
desc. node	-11603 Nov 23 j 15:27	17° Ω 47'44		direct	-11602 Oct 13 j 12:02	11° \mathfrak{C} 01'13	
	-11603 Dec 01 j 23:26	0° \mathfrak{M}		morning max el	-11602 Oct 26 j 15:29	18° \mathfrak{C} 30'49	26°59'03
morning set	-11603 Dec 17 j 12:42	27° \mathfrak{M} 46'28			-11602 Nov 05 j 12:01	0° Ω	
	-11603 Dec 18 j 15:19	0° \mathfrak{L}		desc. node	-11602 Nov 10 j 12:09	6° Ω 55'04	
max. Earth dist.	-11603 Dec 22 j 20:04	8° \mathfrak{L} 41'01	1.33548 AU		-11602 Nov 24 j 20:32	0° \mathfrak{M}	
				morning set	-11602 Dec 01 j 02:26	11° \mathfrak{M} 33'30	
superior conj	-11603 Dec 25 j 04:30	13° \mathfrak{L} 41'05	-1°13'28	max. Earth dist.	-11602 Dec 05 j 17:20	20° \mathfrak{M} 42'16	1.34530 AU
minimum elong	-11603 Dec 25 j 06:37	13° \mathfrak{L} 52'25	1°13'19				
evening rise	-11602 Jan 01 j 07:32	28° \mathfrak{L} 55'37		superior conj	-11602 Dec 09 j 09:07	28° \mathfrak{M} 15'05	-1°27'22
	-11602 Jan 01 j 19:52	0° \mathfrak{M}		minimum elong	-11602 Dec 09 j 10:59	28° \mathfrak{M} 24'49	1°27'09
asc. node	-11602 Jan 02 j 22:30	2° \mathfrak{M} 17'49			-11602 Dec 10 j 05:08	0° \mathfrak{L}	
	-11602 Jan 19 j 09:49	0° \mathfrak{J}		evening rise	-11602 Dec 16 j 17:43	13° \mathfrak{L} 44'19	
evening max el	-11602 Jan 24 j 09:29	5° \mathfrak{J} 27'06	23°11'09	asc. node	-11602 Dec 20 j 19:51	22° \mathfrak{L} 00'43	
retrograde	-11602 Feb 06 j 14:55	11° \mathfrak{J} 52'07			-11602 Dec 25 j 03:13	0° \mathfrak{M}	
evening set	-11602 Feb 10 j 05:59	11° \mathfrak{J} 23'24		evening max el	-11601 Jan 06 j 06:40	16° \mathfrak{M} 28'20	21°39'12
min. Earth dist.	-11602 Feb 17 j 21:45	7° \mathfrak{J} 53'01	0.55806 AU	retrograde	-11601 Jan 18 j 06:22	22° \mathfrak{M} 08'48	
inferior conj	-11602 Feb 19 j 07:50	7° \mathfrak{J} 02'43	0°05'50	evening set	-11601 Jan 21 j 05:13	21° \mathfrak{M} 49'13	
minimum elong	-11602 Feb 19 j 08:04	7° \mathfrak{J} 02'23	0°05'11	inferior conj	-11601 Jan 30 j 06:14	17° \mathfrak{M} 47'25	1°50'47
transit middle	-11602 Feb 19 j 08:04	7° \mathfrak{J} 02'23	0°05'11	minimum elong	-11601 Jan 30 j 10:43	17° \mathfrak{M} 41'02	1°48'58
transit begin	-11602 Feb 19 j 04:14	7° \mathfrak{J} 08'02		min. Earth dist.	-11601 Jan 30 j 11:59	17° \mathfrak{M} 39'14	0.55448 AU
transit end	-11602 Feb 19 j 11:53	6° \mathfrak{J} 56'44		desc. node	-11601 Feb 06 j 13:46	14° \mathfrak{M} 12'54	
desc. node	-11602 Feb 19 j 16:56	6° \mathfrak{J} 49'17		morning rise	-11601 Feb 08 j 16:03	13° \mathfrak{M} 39'13	
morning rise	-11602 Feb 28 j 12:00	2° \mathfrak{J} 59'16		direct	-11601 Feb 11 j 08:57	13° \mathfrak{M} 22'51	
direct	-11602 Mar 02 j 17:21	2° \mathfrak{J} 47'08		morning max el	-11601 Feb 23 j 18:49	19° \mathfrak{M} 22'23	21°47'52
morning max el	-11602 Mar 13 j 13:54	7° \mathfrak{J} 56'20	20°25'01		-11601 Mar 04 j 08:02	0° \mathfrak{J}	
	-11602 Mar 28 j 08:02	0° \mathfrak{Z}		morning set	-11601 Mar 16 j 11:29	22° \mathfrak{J} 18'37	
asc. node	-11602 Mar 31 j 20:56	7° \mathfrak{Z} 01'25		asc. node	-11601 Mar 18 j 17:58	27° \mathfrak{J} 02'47	
morning set	-11602 Apr 01 j 02:22	7° \mathfrak{Z} 28'58			-11601 Mar 20 j 03:39	0° \mathfrak{Z}	
superior conj	-11602 Apr 08 j 21:30	23° \mathfrak{Z} 26'19	1°08'48	superior conj	-11601 Mar 23 j 20:38	7° \mathfrak{Z} 47'17	0°46'38
minimum elong	-11602 Apr 08 j 18:45	23° \mathfrak{Z} 12'22	1°07'48	minimum elong	-11601 Mar 23 j 18:40	7° \mathfrak{Z} 37'01	0°45'38
	-11602 Apr 12 j 04:25	0° \mathfrak{A}		max. Earth dist.	-11601 Mar 27 j 06:44	14° \mathfrak{Z} 50'08	1.34797 AU
max. Earth dist.	-11602 Apr 13 j 15:10	2° \mathfrak{A} 49'37	1.36141 AU	evening rise	-11601 Apr 01 j 02:17	24° \mathfrak{Z} 21'44	
evening rise	-11602 Apr 17 j 21:37	10° \mathfrak{A} 54'43			-11601 Apr 04 j 01:58	0° \mathfrak{A}	
	-11602 Apr 28 j 21:54	0° \mathfrak{H}			-11601 Apr 22 j 10:31	0° \mathfrak{H}	
desc. node	-11602 May 18 j 15:34	27° \mathfrak{H} 57'40		desc. node	-11601 May 05 j 12:57	16° \mathfrak{H} 08'02	
	-11602 May 20 j 10:12	0° \mathfrak{Y}		evening max el	-11601 May 06 j 02:01	16° \mathfrak{H} 40'31	27°00'23
evening max el	-11602 May 23 j 15:13	3° \mathfrak{Y} 23'19	26°09'07	retrograde	-11601 May 19 j 07:51	24° \mathfrak{H} 10'45	
retrograde	-11602 Jun 05 j 05:13	10° \mathfrak{Y} 40'23		evening set	-11601 May 26 j 02:29	21° \mathfrak{H} 23'59	
evening set	-11602 Jun 11 j 13:41	7° \mathfrak{Y} 56'24		min. Earth dist.	-11601 May 29 j 22:22	17° \mathfrak{H} 31'52	0.65084 AU
min. Earth dist.	-11602 Jun 15 j 16:29	3° \mathfrak{Y} 26'01	0.66168 AU	inferior conj	-11601 May 31 j 21:28	15° \mathfrak{H} 13'59	-3°14'54
inferior conj	-11602 Jun 17 j 01:17	1° \mathfrak{Y} 42'21	-2°50'19	minimum elong	-11601 May 31 j 23:19	15° \mathfrak{H} 08'32	3°14'52
minimum elong	-11602 Jun 17 j 03:37	1° \mathfrak{Y} 34'58	2°49'50	morning rise	-11601 Jun 06 j 20:31	9° \mathfrak{H} 37'18	
	-11602 Jun 18 j 10:12	30° \mathfrak{R} \mathfrak{H}		direct	-11601 Jun 09 j 21:19	8° \mathfrak{H} 46'36	
morning rise	-11602 Jun 22 j 17:38	25° \mathfrak{H} 50'41		asc. node	-11601 Jun 14 j 18:21	10° \mathfrak{H} 49'32	
direct	-11602 Jun 26 j 01:06	24° \mathfrak{H} 47'26		morning max el	-11601 Jun 16 j 11:30	12° \mathfrak{H} 23'05	18°29'39
asc. node	-11602 Jun 27 j 21:36	25° \mathfrak{H} 06'24			-11601 Jun 28 j 20:33	0° \mathfrak{Y}	
morning max el	-11602 Jul 03 j 01:10	28° \mathfrak{H} 46'26	19°09'45	morning set	-11601 Jul 06 j 03:50	12° \mathfrak{Y} 00'07	
	-11602 Jul 04 j 04:27	0° \mathfrak{Y}			-11601 Jul 17 j 05:29	0° \mathfrak{C}	
	-11602 Jul 24 j 10:19	0° \mathfrak{C}					
morning set	-11602 Jul 25 j 17:07	2° \mathfrak{C} 02'05		superior conj	-11601 Jul 20 j 21:44	5° \mathfrak{C} 52'31	1°04'20
max. Earth dist.	-11602 Aug 09 j 12:15	25° \mathfrak{C} 26'23	1.44527 AU	minimum elong	-11601 Jul 21 j 04:12	6° \mathfrak{C} 18'13	1°04'02
				max. Earth dist.	-11601 Jul 23 j 05:13	9° \mathfrak{C} 32'51	1.44484 AU
superior conj	-11602 Aug 10 j 21:34	27° \mathfrak{C} 38'25	0°21'29	desc. node	-11601 Aug 01 j 09:46	24° \mathfrak{C} 03'03	
minimum elong	-11602 Aug 11 j 00:13	27° \mathfrak{C} 48'55	0°21'41		-11601 Aug 05 j 04:32	0° \mathfrak{I}	
	-11602 Aug 12 j 09:15	0° \mathfrak{I}		evening rise	-11601 Aug 06 j 11:51	2° \mathfrak{I} 03'08	
desc. node	-11602 Aug 14 j 12:26	3° \mathfrak{I} 23'32			-11601 Aug 24 j 20:17	0° \mathfrak{C}	
evening rise	-11602 Aug 26 j 08:00	22° \mathfrak{I} 25'47		evening max el	-11601 Aug 29 j 21:30	6° \mathfrak{C} 08'07	19°23'05
	-11602 Aug 30 j 23:26	0° \mathfrak{C}		retrograde	-11601 Sep 06 j 00:36	10° \mathfrak{C} 13'04	
evening max el	-11602 Sep 15 j 11:44	22° \mathfrak{C} 38'13	18°40'37	evening set	-11601 Sep 09 j 07:40	9° \mathfrak{C} 10'11	
retrograde	-11602 Sep 22 j 05:03	26° \mathfrak{C} 23'24		asc. node	-11601 Sep 10 j 18:55	8° \mathfrak{C} 02'46	
asc. node	-11602 Sep 23 j 21:53	26° \mathfrak{C} 07'08		inferior conj	-11601 Sep 14 j 23:52	3° \mathfrak{C} 16'30	1°18'45

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

minimum elong	-11601 Sep 14 j 22:04	3°☿22'15	1°18'43	evening set	-11600 Aug 23 j 14:51	22°♂49'20	
min. Earth dist.	-11601 Sep 16 j 06:19	1°☿39'29	0.65851 AU	asc. node	-11600 Aug 27 j 15:54	18°♂36'43	
	-11601 Sep 17 j 14:41	30°♂II		inferior conj	-11600 Aug 29 j 01:26	16°♂46'07	0°26'34
morning rise	-11601 Sep 20 j 12:08	26°♂59'56		minimum elong	-11600 Aug 29 j 00:50	16°♂48'09	0°26'57
direct	-11601 Sep 26 j 14:36	24°♂24'42		min. Earth dist.	-11600 Aug 29 j 20:40	15°♂41'43	0.66602 AU
	-11601 Oct 07 j 07:02	0°☿		morning rise	-11600 Sep 03 j 10:36	10°♂25'38	
morning max el	-11601 Oct 09 j 01:46	1°☿41'54	26°01'57	direct	-11600 Sep 08 j 22:50	8°♂04'55	
desc. node	-11601 Oct 28 j 08:55	26°☿35'54		morning max el	-11600 Sep 20 j 11:34	14°♂57'18	24°47'18
	-11601 Oct 30 j 14:15	0°♂			-11600 Oct 02 j 20:37	0°☿	
morning set	-11601 Nov 14 j 02:28	24°♂35'21		desc. node	-11600 Oct 14 j 05:44	16°☿39'54	
	-11601 Nov 16 j 23:42	0°♂			-11600 Oct 22 j 11:19	0°♂	
max. Earth dist.	-11601 Nov 18 j 04:02	2°♂15'53	1.35935 AU	morning set	-11600 Oct 26 j 07:39	6°♂37'16	
				max. Earth dist.	-11600 Oct 30 j 05:34	13°♂37'41	1.37710 AU
superior conj	-11601 Nov 23 j 06:54	12°♂24'14	-1°36'22	superior conj	-11600 Nov 05 j 18:33	25°♂58'06	-1°38'53
minimum elong	-11601 Nov 23 j 07:57	12°♂29'34	1°36'06	minimum elong	-11600 Nov 05 j 18:11	25°♂56'19	1°38'29
evening rise	-11601 Dec 01 j 01:04	28°♂19'41			-11600 Nov 07 j 19:59	0°♂	
	-11601 Dec 01 j 20:46	0°♂		evening rise	-11600 Nov 14 j 03:31	12°♂34'51	
asc. node	-11601 Dec 07 j 17:11	11°♂20'23		asc. node	-11600 Nov 23 j 14:32	0°♂07'54	
evening max el	-11601 Dec 19 j 12:09	27°♂57'15	20°18'53		-11600 Nov 23 j 12:35	0°♂	
	-11601 Dec 21 j 23:17	0°♂		evening max el	-11600 Dec 01 j 03:55	10°♂00'10	19°16'15
retrograde	-11601 Dec 29 j 22:50	2°♂51'35		retrograde	-11600 Dec 10 j 02:58	14°♂15'41	
evening set	-11600 Jan 01 j 14:00	2°♂34'14		evening set	-11600 Dec 12 j 15:19	13°♂57'04	
	-11600 Jan 07 j 19:16	30°♂♂		inferior conj	-11600 Dec 20 j 18:58	9°♂44'15	4°05'44
inferior conj	-11600 Jan 10 j 06:01	28°♂33'42	3°17'02	minimum elong	-11600 Dec 20 j 21:53	9°♂39'17	4°05'23
minimum elong	-11600 Jan 10 j 11:40	28°♂25'12	3°15'33	min. Earth dist.	-11600 Dec 23 j 15:15	7°♂49'01	0.57190 AU
min. Earth dist.	-11600 Jan 12 j 01:21	27°♂28'35	0.55950 AU	morning rise	-11600 Dec 29 j 02:18	4°♂52'01	
morning rise	-11600 Jan 19 j 07:40	24°♂06'14		direct	-11599 Jan 03 j 05:15	3°♂51'19	
direct	-11600 Jan 23 j 01:58	23°♂35'04		desc. node	-11599 Jan 10 j 07:14	5°♂46'28	
desc. node	-11600 Jan 24 j 10:31	23°♂39'14		morning max el	-11599 Jan 17 j 04:57	10°♂57'21	24°58'15
	-11600 Feb 05 j 07:24	0°♂			-11599 Jan 31 j 15:45	0°♂	
morning max el	-11600 Feb 05 j 14:07	0°♂15'54	23°22'41	morning set	-11599 Feb 12 j 11:46	22°♂25'19	
	-11600 Feb 25 j 09:01	0°♂			-11599 Feb 16 j 00:58	0°♂	
morning set	-11600 Feb 28 j 23:15	7°♂20'01		superior conj	-11599 Feb 19 j 11:24	7°♂27'01	-0°00'21
asc. node	-11600 Mar 04 j 15:04	17°♂14'38		minimum elong	-11599 Feb 19 j 11:26	7°♂27'15	0°00'56
superior conj	-11600 Mar 07 j 02:02	22°♂30'27	0°23'14	behind sun begin	-11599 Feb 19 j 06:23	6°♂59'49	
minimum elong	-11600 Mar 07 j 01:04	22°♂25'14	0°22'24	behind sun end	-11599 Feb 19 j 16:30	7°♂54'40	
max. Earth dist.	-11600 Mar 09 j 08:04	27°♂17'01	1.33802 AU	asc. node	-11599 Feb 19 j 12:16	7°♂31'45	
	-11600 Mar 10 j 15:12	0°♂		max. Earth dist.	-11599 Feb 20 j 16:46	10°♂05'52	1.33147 AU
evening rise	-11600 Mar 14 j 18:49	8°♂27'09		evening rise	-11599 Feb 26 j 19:33	22°♂58'35	
	-11600 Mar 26 j 13:35	0°♂			-11599 Mar 02 j 08:22	0°♂	
evening max el	-11600 Apr 17 j 12:19	29°♂41'53	27°25'27		-11599 Mar 20 j 10:47	0°♂	
	-11600 Apr 17 j 19:49	0°♂		evening max el	-11599 Mar 30 j 20:02	12°♂16'11	27°19'25
desc. node	-11600 Apr 21 j 10:13	3°♂07'49		desc. node	-11599 Apr 08 j 07:24	18°♂29'01	
retrograde	-11600 May 01 j 04:56	7°♂16'29		retrograde	-11599 Apr 13 j 19:33	19°♂48'38	
evening set	-11600 May 08 j 03:53	4°♂39'17		evening set	-11599 Apr 20 j 14:35	17°♂34'31	
min. Earth dist.	-11600 May 11 j 19:51	1°♂19'47	0.63610 AU	min. Earth dist.	-11599 Apr 24 j 08:24	14°♂36'44	0.61801 AU
	-11600 May 13 j 02:12	30°♂♂		inferior conj	-11599 Apr 27 j 10:32	11°♂42'18	-3°25'58
inferior conj	-11600 May 14 j 09:35	28°♂36'04	-3°28'08	minimum elong	-11599 Apr 27 j 09:36	11°♂44'31	3°26'25
minimum elong	-11600 May 14 j 10:20	28°♂34'03	3°28'28	morning rise	-11599 May 04 j 06:19	6°♂41'47	
morning rise	-11600 May 20 j 17:41	23°♂16'38		direct	-11599 May 06 j 21:14	6°♂11'12	
direct	-11600 May 23 j 13:07	22°♂36'44		morning max el	-11599 May 13 j 14:42	9°♂34'28	18°02'39
morning max el	-11600 May 30 j 00:51	26°♂01'03	18°06'59	asc. node	-11599 May 18 j 11:58	15°♂37'23	
asc. node	-11600 May 31 j 15:08	27°♂44'55			-11599 May 27 j 02:23	0°♂	
	-11600 Jun 02 j 10:06	0°♂		morning set	-11599 May 30 j 01:32	5°♂20'01	
morning set	-11600 Jun 16 j 15:42	23°♂08'12		superior conj	-11599 Jun 10 j 05:29	25°♂06'04	1°48'04
	-11600 Jun 20 j 15:43	0°♂		minimum elong	-11599 Jun 10 j 07:04	25°♂12'54	1°47'56
superior conj	-11600 Jun 29 j 12:29	14°♂50'24	1°34'24		-11599 Jun 13 j 02:31	0°♂	
minimum elong	-11600 Jun 29 j 17:46	15°♂12'03	1°34'10	max. Earth dist.	-11599 Jun 17 j 05:15	6°♂51'09	1.42440 AU
max. Earth dist.	-11600 Jul 04 j 19:44	23°♂26'37	1.43751 AU	evening rise	-11599 Jun 24 j 18:42	19°♂01'33	
	-11600 Jul 08 j 22:28	0°♂			-11599 Jul 01 j 20:33	0°♂	
evening rise	-11600 Jul 15 j 17:10	10°♂37'26		desc. node	-11599 Jul 05 j 04:33	5°♂02'26	
desc. node	-11600 Jul 18 j 07:08	14°♂37'14			-11599 Jul 23 j 05:27	0°♂	
	-11600 Jul 28 j 09:55	0°♂		evening max el	-11599 Jul 25 j 23:00	2°♂59'36	21°31'40
evening max el	-11600 Aug 12 j 01:40	19°♂35'41	20°20'55	retrograde	-11599 Aug 03 j 17:28	8°♂10'14	
retrograde	-11600 Aug 19 j 21:24	24°♂09'29					

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening set	-11599 Aug 07 j 23:22	6°II30'10		retrograde	-11598 Jul 18 j 11:16	22°8'12"16	
inferior conj	-11599 Aug 13 j 06:17	0°II20'21	-0°24'04	evening set	-11598 Jul 23 j 07:16	20°8'10"51	
minimum elong	-11599 Aug 13 j 06:47	0°II18'38	0°23'20	inferior conj	-11598 Jul 28 j 12:33	13°8'57"02	-1°11'40
min. Earth dist.	-11599 Aug 13 j 14:58	29°8'50"30	0.67068 AU	minimum elong	-11598 Jul 28 j 13:58	13°8'52"07	1°10'44
	-11599 Aug 13 j 12:12	30°8'8		min. Earth dist.	-11598 Jul 28 j 10:41	14°8'03"28	0.67243 AU
asc. node	-11599 Aug 14 j 12:50	28°8'35"58		asc. node	-11598 Aug 01 j 09:45	9°8'01"38	
morning rise	-11599 Aug 18 j 14:03	23°8'59"56		morning rise	-11598 Aug 02 j 20:34	7°8'40"30	
direct	-11599 Aug 23 j 12:10	21°8'56"51		direct	-11598 Aug 07 j 05:36	5°8'55"53	
morning max el	-11599 Sep 02 j 21:55	28°8'12"36	23°24'09	morning max el	-11598 Aug 16 j 11:27	11°8'28"54	22°00'58
	-11599 Sep 04 j 14:27	0°II			-11598 Aug 30 j 20:58	0°II	
	-11599 Sep 26 j 14:37	0°8		morning set	-11598 Sep 17 j 15:13	26°II'57"24	
desc. node	-11599 Oct 01 j 02:39	7°8'00"14		desc. node	-11598 Sep 17 j 23:39	27°II'31"05	
morning set	-11599 Oct 07 j 12:43	17°8'25"59			-11598 Sep 19 j 12:42	0°8	
max. Earth dist.	-11599 Oct 12 j 03:48	25°8'18"17	1.39688 AU	max. Earth dist.	-11598 Sep 24 j 05:48	7°8'43"25	1.41606 AU
	-11599 Oct 14 j 20:00	0°8					
superior conj	-11599 Oct 19 j 15:50	8°8'45"01	-1°32'49	superior conj	-11598 Oct 01 j 17:16	20°8'29"59	-1°15'50
minimum elong	-11599 Oct 19 j 13:34	8°8'34"32	1°32'10	minimum elong	-11598 Oct 01 j 13:16	20°8'12"29	1°14'50
evening rise	-11599 Oct 28 j 22:34	26°8'23"30			-11598 Oct 07 j 00:59	0°8	
	-11599 Oct 30 j 19:44	0°8		evening rise	-11598 Oct 12 j 06:57	9°8'37"26	
asc. node	-11599 Nov 10 j 11:50	18°8'12"50			-11598 Oct 24 j 01:51	0°8	
evening max el	-11599 Nov 14 j 05:12	22°8'34"42	18°33'36	asc. node	-11598 Oct 28 j 09:06	5°8'22"07	
retrograde	-11599 Nov 22 j 00:26	26°8'23"52		evening max el	-11598 Oct 28 j 13:32	5°8'33"15	18°11'11
evening set	-11599 Nov 24 j 12:02	26°8'02"00		retrograde	-11598 Nov 04 j 14:47	9°8'08"48	
inferior conj	-11599 Dec 02 j 02:43	21°8'29"20	4°16'36	evening set	-11598 Nov 07 j 03:00	8°8'42"12	
minimum elong	-11599 Dec 02 j 01:58	21°8'30"46	4°16'43	inferior conj	-11598 Nov 14 j 05:11	3°8'47"40	3°59'25
min. Earth dist.	-11599 Dec 05 j 07:52	18°8'59"31	0.58897 AU	minimum elong	-11598 Nov 14 j 02:07	3°8'54"35	3°59'18
morning rise	-11599 Dec 09 j 14:05	16°8'15"02		min. Earth dist.	-11598 Nov 17 j 06:34	1°8'03"40	0.60749 AU
direct	-11599 Dec 15 j 20:33	14°8'36"24			-11598 Nov 18 j 13:10	30°8'8	
desc. node	-11599 Dec 28 j 03:56	20°8'19"01		morning rise	-11598 Nov 20 j 23:54	28°8'14"24	
morning max el	-11599 Dec 29 j 21:46	21°8'54"21	26°19'42	direct	-11598 Nov 27 j 21:45	26°8'01"51	
	-11598 Jan 06 j 01:47	0°8			-11598 Dec 07 j 20:08	0°8	
	-11598 Jan 24 j 07:26	0°8		morning max el	-11598 Dec 11 j 20:39	3°8'26"44	27°14'11
morning set	-11598 Jan 27 j 23:17	7°8'27"50		desc. node	-11598 Dec 15 j 00:38	6°8'43"27	
					-11598 Dec 31 j 11:40	0°8	
superior conj	-11598 Feb 03 j 22:51	22°8'30"16	-0°23'12	morning set	-11597 Jan 12 j 07:56	22°8'20"57	
minimum elong	-11598 Feb 03 j 23:47	22°8'35"26	0°23'30		-11597 Jan 15 j 22:57	0°8	
max. Earth dist.	-11598 Feb 04 j 05:32	23°8'06"48	1.32822 AU	superior conj	-11597 Jan 19 j 10:42	7°8'34"05	-0°44'34
asc. node	-11598 Feb 06 j 09:29	27°8'49"36		minimum elong	-11597 Jan 19 j 12:20	7°8'43"04	0°44'39
	-11598 Feb 07 j 09:37	0°8		max. Earth dist.	-11597 Jan 18 j 18:52	6°8'07"49	1.32823 AU
evening rise	-11598 Feb 11 j 01:48	7°8'46"36		asc. node	-11597 Jan 24 j 06:45	18°8'04"22	
	-11598 Feb 22 j 20:58	0°8		evening rise	-11597 Jan 26 j 11:27	22°8'43"43	
evening max el	-11598 Mar 12 j 23:10	24°8'15"05	26°40'39		-11597 Jan 30 j 00:55	0°8	
	-11598 Mar 20 j 16:45	0°8			-11597 Feb 17 j 16:12	0°8	
desc. node	-11598 Mar 26 j 04:33	1°8'37"37		evening max el	-11597 Feb 22 j 20:46	5°8'37"49	25°32'46
retrograde	-11598 Mar 27 j 02:03	1°8'39"41		retrograde	-11597 Mar 08 j 22:14	12°8'48"16	
evening set	-11598 Apr 02 j 07:25	29°8'58"38		desc. node	-11597 Mar 13 j 01:38	12°8'07"18	
	-11598 Apr 02 j 06:24	30°8'8		evening set	-11597 Mar 14 j 05:19	11°8'41"46	
min. Earth dist.	-11598 Apr 06 j 12:35	27°8'08"29	0.59819 AU	min. Earth dist.	-11597 Mar 19 j 10:06	8°8'45"35	0.57914 AU
inferior conj	-11598 Apr 09 j 20:42	24°8'24"14	-3°02'48	inferior conj	-11597 Mar 22 j 12:43	6°8'33"26	-2°12'25
minimum elong	-11598 Apr 09 j 17:55	24°8'29"59	3°02'59	minimum elong	-11597 Mar 22 j 09:03	6°8'39"58	2°12'11
morning rise	-11598 Apr 17 j 07:01	19°8'43"27		morning rise	-11597 Mar 30 j 15:58	2°8'11"52	
direct	-11598 Apr 19 j 17:47	19°8'20"42		direct	-11597 Apr 01 j 22:43	1°8'55"23	
morning max el	-11598 Apr 27 j 02:16	22°8'55"24	18°17'16	morning max el	-11597 Apr 10 j 08:40	5°8'55"28	18°51'24
	-11598 May 02 j 17:32	0°8		asc. node	-11597 Apr 22 j 05:45	23°8'23"35	
asc. node	-11598 May 05 j 08:50	4°8'13"37			-11597 Apr 25 j 17:16	0°8	
morning set	-11598 May 13 j 04:28	18°8'24"10		morning set	-11597 Apr 26 j 20:04	2°8'10"04	
	-11598 May 19 j 09:04	0°8					
superior conj	-11598 May 23 j 00:21	6°8'39"19	1°47'42	superior conj	-11597 May 05 j 16:08	19°8'17"51	1°37'20
minimum elong	-11598 May 22 j 22:58	6°8'33"03	1°47'23	minimum elong	-11597 May 05 j 13:20	19°8'04"31	1°36'40
max. Earth dist.	-11598 May 30 j 09:20	19°8'36"34	1.40732 AU		-11597 May 11 j 10:56	0°8	
evening rise	-11598 Jun 04 j 14:14	28°8'18"35		max. Earth dist.	-11597 May 12 j 10:08	1°8'44"05	1.38860 AU
	-11598 Jun 05 j 15:05	0°8		evening rise	-11597 May 16 j 13:07	8°8'57"46	
desc. node	-11598 Jun 22 j 02:00	25°8'13"36			-11597 May 29 j 13:04	0°8	
	-11598 Jun 25 j 10:46	0°8		desc. node	-11597 Jun 08 j 23:26	15°8'04"48	
evening max el	-11598 Jul 08 j 13:57	16°8'20"17	22°51'15	evening max el	-11597 Jun 21 j 00:47	29°8'40"53	24°13'26
					-11597 Jun 21 j 08:28	0°8	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

retrograde	-11597 Jul 02 j 01:49	6°♄12'57		evening set	-11596 Jun 20 j 13:34	17°♄28'55	
evening set	-11597 Jul 07 j 12:41	3°♄51'04		min. Earth dist.	-11596 Jun 24 j 20:59	12°♄36'06	0.66618 AU
	-11597 Jul 10 j 23:23	30°♄		inferior conj	-11596 Jun 25 j 22:16	11°♄13'32	-2°32'08
min. Earth dist.	-11597 Jul 12 j 05:27	28°♄19'40	0.67107 AU	minimum elong	-11596 Jun 26 j 00:38	11°♄05'48	2°31'25
inferior conj	-11597 Jul 12 j 18:29	27°♄35'24	-1°54'49	morning rise	-11596 Jul 01 j 11:45	5°♄14'48	
minimum elong	-11597 Jul 12 j 20:33	27°♄28'22	1°53'53	direct	-11596 Jul 04 j 23:44	4°♄03'41	
morning rise	-11597 Jul 18 j 04:23	21°♄26'15		asc. node	-11596 Jul 05 j 03:25	4°♄03'49	
asc. node	-11597 Jul 19 j 06:37	20°♄44'02		morning max el	-11596 Jul 12 j 08:38	8°♄19'40	19°40'11
direct	-11597 Jul 22 j 01:58	19°♄59'18			-11596 Jul 27 j 23:58	0°♄	
morning max el	-11597 Jul 30 j 06:46	24°♄50'46	20°44'40	morning set	-11596 Aug 06 j 02:19	14°♄08'43	
	-11597 Aug 03 j 17:00	0°♄			-11596 Aug 16 j 04:35	0°♄	
	-11597 Aug 24 j 07:23	0°♄		max. Earth dist.	-11596 Aug 19 j 04:09	4°♄43'37	1.44224 AU
morning set	-11597 Aug 27 j 21:51	5°♄34'49		desc. node	-11596 Aug 21 j 17:53	8°♄49'46	
desc. node	-11597 Sep 04 j 20:42	18°♄08'40					
max. Earth dist.	-11597 Sep 06 j 14:23	20°♄56'31	1.43190 AU	superior conj	-11596 Aug 22 j 13:42	10°♄09'10	-0°04'58
	-11597 Sep 12 j 03:02	0°♄		minimum elong	-11596 Aug 22 j 13:11	10°♄07'07	0°04'18
				behind sun begin	-11596 Aug 22 j 02:31	9°♄24'22	
superior conj	-11597 Sep 12 j 17:12	0°♄58'57	-0°46'09	behind sun end	-11596 Aug 22 j 23:52	10°♄49'55	
minimum elong	-11597 Sep 12 j 13:14	0°♄42'22	0°45'02		-11596 Sep 03 j 17:09	0°♄	
evening rise	-11597 Sep 25 j 00:29	22°♄07'11		evening rise	-11596 Sep 05 j 21:52	3°♄40'00	
	-11597 Sep 29 j 12:17	0°♄			-11596 Sep 22 j 16:19	0°♄	
evening max el	-11597 Oct 12 j 01:59	18°♄48'11	18°08'13	evening max el	-11596 Sep 24 j 15:37	2°♄13'20	18°23'45
asc. node	-11597 Oct 15 j 06:20	21°♄20'22		retrograde	-11596 Oct 01 j 06:40	5°♄51'46	
retrograde	-11597 Oct 18 j 18:17	22°♄20'41		asc. node	-11596 Oct 01 j 03:30	5°♄51'40	
evening set	-11597 Oct 21 j 08:49	21°♄47'37		evening set	-11596 Oct 04 j 01:45	5°♄09'42	
inferior conj	-11597 Oct 27 j 23:35	16°♄32'42	3°24'23		-11596 Oct 09 j 22:28	30°♄	
minimum elong	-11597 Oct 27 j 19:47	16°♄42'23	3°23'58	inferior conj	-11596 Oct 10 j 06:29	29°♄37'23	2°39'08
min. Earth dist.	-11597 Oct 30 j 14:26	13°♄53'12	0.62510 AU	minimum elong	-11596 Oct 10 j 03:03	29°♄47'05	2°38'41
morning rise	-11597 Nov 03 j 05:46	10°♄42'58		min. Earth dist.	-11596 Oct 12 j 08:37	27°♄15'56	0.64041 AU
direct	-11597 Nov 10 j 07:18	8°♄08'00		morning rise	-11596 Oct 16 j 03:38	23°♄34'18	
morning max el	-11597 Nov 24 j 01:46	15°♄38'42	27°34'41	direct	-11596 Oct 23 j 00:11	20°♄50'11	
desc. node	-11597 Dec 01 j 21:18	24°♄28'29		morning max el	-11596 Nov 05 j 10:49	28°♄23'11	27°20'52
	-11597 Dec 06 j 00:04	0°♄			-11596 Nov 07 j 01:05	0°♄	
	-11597 Dec 23 j 23:20	0°♄		desc. node	-11596 Nov 17 j 17:58	13°♄10'57	
morning set	-11597 Dec 27 j 11:28	6°♄55'58			-11596 Nov 28 j 17:09	0°♄	
max. Earth dist.	-11596 Jan 02 j 04:50	18°♄54'05	1.33171 AU	morning set	-11596 Dec 10 j 07:12	21°♄03'57	
					-11596 Dec 14 j 17:25	0°♄	
superior conj	-11596 Jan 03 j 21:12	22°♄31'26	-1°03'45	max. Earth dist.	-11596 Dec 15 j 07:38	1°♄13'42	1.33908 AU
minimum elong	-11596 Jan 03 j 23:15	22°♄42'32	1°03'40				
	-11596 Jan 07 j 08:02	0°♄		superior conj	-11596 Dec 18 j 04:33	7°♄16'03	-1°19'52
evening rise	-11596 Jan 10 j 22:34	7°♄42'08		minimum elong	-11596 Dec 18 j 06:38	7°♄27'02	1°19'42
asc. node	-11596 Jan 11 j 04:03	8°♄10'52		evening rise	-11596 Dec 25 j 09:34	22°♄35'55	
	-11596 Jan 22 j 18:42	0°♄		asc. node	-11596 Dec 28 j 01:22	28°♄04'01	
evening max el	-11596 Feb 04 j 14:16	16°♄34'01	24°05'14		-11596 Dec 29 j 00:35	0°♄	
retrograde	-11596 Feb 18 j 06:28	23°♄20'16		evening max el	-11595 Jan 16 j 08:25	27°♄26'28	22°31'13
evening set	-11596 Feb 22 j 11:20	22°♄40'57			-11595 Jan 19 j 10:07	0°♄	
desc. node	-11596 Feb 27 j 22:38	20°♄09'32		retrograde	-11595 Jan 29 j 03:04	3°♄34'18	
min. Earth dist.	-11596 Feb 29 j 03:23	19°♄26'33	0.56389 AU	evening set	-11595 Feb 01 j 09:50	3°♄10'40	
inferior conj	-11596 Mar 02 j 08:52	18°♄03'20	-0°51'46		-11595 Feb 08 j 18:20	30°♄	
minimum elong	-11596 Mar 02 j 06:51	18°♄06'30	0°51'47	min. Earth dist.	-11595 Feb 09 j 18:40	29°♄25'17	0.55544 AU
morning rise	-11596 Mar 11 j 05:14	13°♄56'39		inferior conj	-11595 Feb 10 j 12:31	28°♄59'33	0°50'48
direct	-11596 Mar 13 j 09:25	13°♄44'04		minimum elong	-11595 Feb 10 j 14:41	28°♄56'27	0°49'33
morning max el	-11596 Mar 23 j 06:53	18°♄24'18	19°45'18	desc. node	-11595 Feb 13 j 19:31	27°♄09'51	
	-11596 Apr 01 j 01:29	0°♄		morning rise	-11595 Feb 19 j 20:40	24°♄56'08	
asc. node	-11596 Apr 08 j 02:41	12°♄58'18		direct	-11595 Feb 22 j 04:55	24°♄43'17	
morning set	-11596 Apr 09 j 20:36	16°♄26'52			-11595 Mar 05 j 12:24	0°♄	
	-11596 Apr 16 j 14:01	0°♄		morning max el	-11595 Mar 05 j 18:31	0°♄14'19	20°58'18
					-11595 Mar 24 j 14:14	0°♄	
superior conj	-11596 Apr 17 j 23:22	2°♄45'42	1°20'27	morning set	-11595 Mar 25 j 03:14	1°♄06'25	
minimum elong	-11596 Apr 17 j 20:21	2°♄30'50	1°19'31	asc. node	-11595 Mar 25 j 23:40	2°♄51'26	
max. Earth dist.	-11596 Apr 23 j 12:08	13°♄27'03	1.37063 AU				
evening rise	-11596 Apr 27 j 13:15	20°♄54'15		superior conj	-11595 Apr 01 j 17:41	16°♄50'20	0°59'40
	-11596 May 02 j 17:52	0°♄		minimum elong	-11595 Apr 01 j 15:13	16°♄37'42	0°58'37
	-11596 May 22 j 10:29	0°♄		max. Earth dist.	-11595 Apr 05 j 21:27	25°♄13'24	1.35527 AU
desc. node	-11596 May 25 j 20:54	4°♄27'07			-11595 Apr 08 j 08:09	0°♄	
evening max el	-11596 Jun 02 j 10:19	13°♄02'34	25°30'28	evening rise	-11595 Apr 10 j 09:06	3°♄53'01	
retrograde	-11596 Jun 14 j 12:23	20°♄07'08			-11595 Apr 25 j 14:57	0°♄	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

desc. node	-11595 May 12 j 18:20	23° K 08'25		evening max el	-11594 Apr 28 j 07:31	9° K 36'03	27°14'42
evening max el	-11595 May 15 j 20:34	26° K 23'21	26°33'38	desc. node	-11594 Apr 29 j 15:39	10° K 52'06	
	-11595 May 19 j 22:24	0° Y		retrograde	-11594 May 11 j 18:48	17° K 09'15	
retrograde	-11595 May 28 j 18:18	3° Y 48'11		evening set	-11594 May 18 j 15:56	14° K 25'10	
evening set	-11595 Jun 04 j 07:33	1° Y 01'30		min. Earth dist.	-11594 May 22 j 09:44	10° K 47'36	0.64499 AU
	-11595 Jun 05 j 10:10	30° R		inferior conj	-11594 May 24 j 15:01	8° K 17'28	-3°22'10
min. Earth dist.	-11595 Jun 08 j 07:04	26° K 47'45	0.65754 AU	minimum elong	-11594 May 24 j 16:30	8° K 13'19	3°22'17
inferior conj	-11595 Jun 09 j 21:53	24° K 48'35	-3°02'00	morning rise	-11594 May 30 j 17:36	2° K 47'34	
minimum elong	-11595 Jun 10 j 00:05	24° K 41'48	3°01'41	direct	-11594 Jun 02 j 15:55	2° K 01'41	
morning rise	-11595 Jun 15 j 16:50	19° K 03'02		asc. node	-11594 Jun 08 j 20:58	5° K 14'09	
direct	-11595 Jun 18 j 21:09	18° K 05'32		morning max el	-11594 Jun 09 j 04:12	5° K 32'01	18°17'44
asc. node	-11595 Jun 22 j 00:11	18° K 58'09			-11594 Jun 25 j 12:23	0° Y	
morning max el	-11595 Jun 25 j 16:20	21° K 54'08	18°50'33	morning set	-11594 Jun 27 j 20:43	3° Y 56'25	
	-11595 Jul 02 j 01:17	0° Y					
morning set	-11595 Jul 16 j 23:02	23° Y 27'48		superior conj	-11594 Jul 11 j 19:37	26° Y 53'50	1°19'04
	-11595 Jul 21 j 00:49	0° Z		minimum elong	-11594 Jul 12 j 02:09	27° Y 20'05	1°18'44
					-11594 Jul 13 j 18:03	0° Z	
superior conj	-11595 Aug 01 j 15:31	18° Z 27'19	0°40'40	max. Earth dist.	-11594 Jul 15 j 12:25	2° Z 49'02	1.44255 AU
minimum elong	-11595 Aug 01 j 20:17	18° Z 46'12	0°40'36	desc. node	-11594 Jul 26 j 12:30	20° Z 08'37	
max. Earth dist.	-11595 Aug 01 j 20:22	18° Z 46'30	1.44590 AU	evening rise	-11594 Jul 28 j 10:26	23° Z 07'44	
desc. node	-11595 Aug 08 j 15:09	29° Z 30'45			-11594 Aug 01 j 20:32	0° II	
	-11595 Aug 08 j 22:31	0° II		greatest brilliancy	-11594 Aug 09 j 07:51	11° II 28'01	-0.7m
evening rise	-11595 Aug 17 j 17:33	14° II 00'53		evening max el	-11594 Aug 22 j 11:17	29° II 12'33	19°45'57
	-11595 Aug 27 j 18:10	0° III			-11594 Aug 23 j 06:29	0° III	
evening max el	-11595 Sep 08 j 03:34	15° III 42'47	18°56'44	retrograde	-11594 Aug 29 j 20:34	3° III 28'19	
retrograde	-11595 Sep 15 j 00:21	19° III 35'26		evening set	-11594 Sep 02 j 07:50	2° III 18'30	
evening set	-11595 Sep 18 j 02:20	18° III 41'15		asc. node	-11594 Sep 04 j 21:37	0° III 00'47	
asc. node	-11595 Sep 18 j 00:35	18° III 43'45			-11594 Sep 04 j 21:54	30° R II	
inferior conj	-11595 Sep 23 j 22:38	12° III 54'42	1°48'44	inferior conj	-11594 Sep 07 j 21:26	26° II 20'39	0°56'32
minimum elong	-11595 Sep 23 j 20:10	13° III 02'17	1°48'31	minimum elong	-11594 Sep 07 j 20:09	26° II 24'53	0°56'41
min. Earth dist.	-11595 Sep 25 j 12:06	10° III 59'48	0.65282 AU	min. Earth dist.	-11594 Sep 08 j 23:04	24° II 57'06	0.66216 AU
morning rise	-11595 Sep 29 j 13:30	6° III 41'56		morning rise	-11594 Sep 13 j 08:10	20° II 02'05	
direct	-11595 Oct 05 j 23:37	4° III 00'35		direct	-11594 Sep 19 j 04:50	17° II 32'13	
morning max el	-11595 Oct 18 j 21:01	11° III 27'06	26°37'22	morning max el	-11594 Oct 01 j 06:50	24° II 39'57	25°31'38
	-11595 Nov 02 j 20:25	0° IV			-11594 Oct 06 j 03:29	0° III	
desc. node	-11595 Nov 04 j 14:39	2° IV 33'40		desc. node	-11594 Oct 22 j 11:26	22° III 25'11	
	-11595 Nov 21 j 05:03	0° IV			-11594 Oct 27 j 07:07	0° IV	
morning set	-11595 Nov 23 j 15:37	4° IV 33'02		morning set	-11594 Nov 06 j 08:13	17° IV 10'29	
max. Earth dist.	-11595 Nov 28 j 00:06	13° IV 00'11	1.35072 AU	max. Earth dist.	-11594 Nov 10 j 06:04	24° IV 23'45	1.36658 AU
					-11594 Nov 13 j 04:19	0° IV	
superior conj	-11595 Dec 02 j 06:34	21° IV 40'06	-1°31'53				
minimum elong	-11595 Dec 02 j 08:10	21° IV 48'19	1°31'39	superior conj	-11594 Nov 16 j 00:29	5° IV 35'20	-1°38'22
	-11595 Dec 06 j 06:30	0° V		minimum elong	-11594 Nov 16 j 01:01	5° IV 37'56	1°38'03
evening rise	-11595 Dec 09 j 18:42	7° V 18'53		evening rise	-11594 Nov 24 j 00:12	21° IV 45'52	
asc. node	-11595 Dec 14 j 22:42	17° V 37'27			-11594 Nov 28 j 04:03	0° V	
	-11595 Dec 22 j 05:24	0° VI		asc. node	-11594 Dec 01 j 20:02	6° V 44'01	
evening max el	-11595 Dec 29 j 08:45	8° VI 37'41	21°03'13	evening max el	-11594 Dec 11 j 18:37	20° V 20'40	19°49'50
retrograde	-11594 Jan 09 j 17:18	13° VI 57'52		retrograde	-11594 Dec 21 j 13:04	24° V 56'31	
evening set	-11594 Jan 12 j 11:47	13° VI 40'01		evening set	-11594 Dec 24 j 02:54	24° V 38'48	
inferior conj	-11594 Jan 21 j 09:45	9° VI 41'12	2°31'12	inferior conj	-11593 Jan 01 j 13:52	20° V 34'33	3°42'42
minimum elong	-11594 Jan 21 j 15:17	9° VI 33'13	2°29'19	minimum elong	-11593 Jan 01 j 18:42	20° V 26'57	3°41'43
min. Earth dist.	-11594 Jan 22 j 08:43	9° VI 08'03	0.55555 AU	min. Earth dist.	-11593 Jan 03 j 21:56	19° V 06'42	0.56405 AU
morning rise	-11594 Jan 30 j 17:42	5° VI 25'43		morning rise	-11593 Jan 10 j 08:29	15° V 56'51	
desc. node	-11594 Jan 31 j 16:18	5° VI 14'55		direct	-11593 Jan 14 j 16:55	15° V 14'34	
direct	-11594 Feb 02 j 19:50	5° VI 04'38		desc. node	-11593 Jan 18 j 13:03	15° V 48'19	
morning max el	-11594 Feb 15 j 18:52	11° VI 24'22	22°27'16	morning max el	-11593 Jan 28 j 11:09	22° V 07'48	24°04'11
	-11594 Mar 01 j 07:43	0° VII			-11593 Feb 04 j 07:44	0° VI	
morning set	-11594 Mar 09 j 13:42	16° VII 01'33			-11593 Feb 21 j 13:34	0° VII	
asc. node	-11594 Mar 12 j 20:44	22° VII 57'42		morning set	-11593 Feb 22 j 01:59	1° VII 04'55	
	-11594 Mar 16 j 04:19	0° Z		asc. node	-11593 Feb 27 j 17:52	13° VII 11'52	
superior conj	-11594 Mar 16 j 19:46	1° Z 21'39	0°36'48	superior conj	-11593 Mar 01 j 03:04	16° VII 10'44	0°13'11
minimum elong	-11594 Mar 16 j 18:13	1° Z 13'25	0°35'51	minimum elong	-11593 Mar 01 j 02:31	16° VII 07'49	0°12'28
max. Earth dist.	-11594 Mar 19 j 17:13	7° Z 24'16	1.34330 AU	behind sun begin	-11593 Feb 28 j 23:21	15° VII 50'44	
evening rise	-11594 Mar 24 j 19:20	17° Z 38'12		behind sun end	-11593 Mar 01 j 05:42	16° VII 24'54	
	-11594 Mar 31 j 10:10	0° III		max. Earth dist.	-11593 Mar 02 j 22:12	20° VII 01'46	1.33481 AU
	-11594 Apr 19 j 21:36	0° K			-11593 Mar 07 j 16:50	0° Z	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening rise	-11593 Mar 08 j 15:43	1° Z 55'41		superior conj	-11592 Feb 13 j 13:32	1° Z 10'59	-0°10'11
	-11593 Mar 24 j 08:17	0° \approx		minimum elong	-11592 Feb 13 j 13:59	1° Z 13'24	0°10'38
evening max el	-11593 Apr 10 j 17:14	22° \approx 27'54	27°27'01	behind sun begin	-11592 Feb 13 j 10:15	0° Z 53'03	
desc. node	-11593 Apr 16 j 12:56	27° \approx 14'02		behind sun end	-11592 Feb 13 j 17:43	1° Z 33'43	
	-11593 Apr 23 j 20:26	0° H		max. Earth dist.	-11592 Feb 14 j 09:18	2° Z 58'27	1.32968 AU
retrograde	-11593 Apr 24 j 13:03	0° H 01'24		asc. node	-11592 Feb 14 j 15:05	3° Z 29'52	
	-11593 Apr 25 j 05:32	30° R \approx		evening rise	-11592 Feb 20 j 19:07	16° Z 35'17	
evening set	-11593 May 01 j 11:28	27° \approx 32'48			-11592 Feb 27 j 15:59	0° Z	
min. Earth dist.	-11593 May 05 j 03:27	24° \approx 24'01	0.62874 AU		-11592 Mar 18 j 11:20	0° \approx	
inferior conj	-11593 May 07 j 22:49	21° \approx 33'50	-3°29'24	evening max el	-11592 Mar 22 j 23:11	4° \approx 47'32	27°06'48
minimum elong	-11593 May 07 j 22:55	21° \approx 33'35	3°29'51	desc. node	-11592 Apr 02 j 10:07	11° \approx 43'16	
morning rise	-11593 May 14 j 11:30	16° \approx 22'02		retrograde	-11592 Apr 06 j 00:10	12° \approx 16'55	
direct	-11593 May 17 j 05:04	15° \approx 46'06		evening set	-11592 Apr 12 j 14:52	10° \approx 15'47	
morning max el	-11593 May 23 j 18:02	19° \approx 08'26	18°02'51	min. Earth dist.	-11592 Apr 16 j 12:03	7° \approx 23'24	0.60971 AU
asc. node	-11593 May 26 j 17:47	22° \approx 35'22		inferior conj	-11592 Apr 19 j 17:55	4° \approx 30'33	-3°19'05
	-11593 May 31 j 17:36	0° H		minimum elong	-11592 Apr 19 j 16:10	4° \approx 34'27	3°19'29
morning set	-11593 Jun 09 j 18:34	15° H 33'18			-11592 Apr 25 j 22:14	30° R Z	
	-11593 Jun 18 j 02:17	0° Y		morning rise	-11592 Apr 26 j 19:33	29° Z 38'31	
				direct	-11592 Apr 29 j 08:49	29° Z 11'20	
superior conj	-11593 Jun 21 j 20:56	6° Y 22'38	1°42'09		-11592 May 02 j 17:08	0° \approx	
minimum elong	-11593 Jun 22 j 00:42	6° Y 38'25	1°41'59	morning max el	-11592 May 06 j 07:16	2° \approx 37'26	18°06'35
max. Earth dist.	-11593 Jun 28 j 01:33	16° Y 33'58	1.43264 AU	asc. node	-11592 May 12 j 14:39	10° \approx 47'39	
	-11593 Jul 06 j 12:16	0° B		morning set	-11592 May 22 j 12:15	28° \approx 08'36	
evening rise	-11593 Jul 07 j 11:18	1° B 29'50			-11592 May 23 j 12:30	0° H	
desc. node	-11593 Jul 13 j 09:54	10° B 39'29					
	-11593 Jul 26 j 11:44	0° II		superior conj	-11592 Jun 02 j 01:26	17° H 12'36	1°49'23
evening max el	-11593 Aug 05 j 12:43	12° II 38'53	20°49'37	minimum elong	-11592 Jun 02 j 01:35	17° H 13'14	1°49'13
retrograde	-11593 Aug 13 j 17:13	17° II 26'58		max. Earth dist.	-11592 Jun 09 j 09:09	29° H 44'17	1.41751 AU
evening set	-11593 Aug 17 j 15:52	15° II 58'26			-11592 Jun 09 j 12:55	0° Y	
asc. node	-11593 Aug 22 j 18:36	10° II 12'41		evening rise	-11592 Jun 15 j 18:21	10° Y 09'52	
inferior conj	-11593 Aug 23 j 00:39	9° II 52'08	0°04'48		-11592 Jun 28 j 15:17	0° B	
minimum elong	-11593 Aug 23 j 00:32	9° II 52'32	0°05'20	desc. node	-11592 Jun 29 j 07:20	0° B 59'24	
transit middle	-11593 Aug 23 j 00:32	9° II 52'32	0°05'20	evening max el	-11592 Jul 18 j 07:06	26° B 00'48	22°04'41
transit begin	-11593 Aug 22 j 21:57	10° II 01'17			-11592 Jul 23 j 01:31	0° II	
transit end	-11593 Aug 23 j 03:07	9° II 43'47		retrograde	-11592 Jul 27 j 12:34	1° II 28'52	
min. Earth dist.	-11593 Aug 23 j 15:18	9° II 02'25	0.66844 AU		-11592 Jul 31 j 13:55	30° R B	
morning rise	-11593 Aug 28 j 09:02	3° II 31'29		evening set	-11592 Aug 01 j 00:23	29° B 39'32	
direct	-11593 Sep 02 j 15:14	1° II 18'10		inferior conj	-11592 Aug 06 j 06:20	23° B 27'29	-0°44'44
morning max el	-11593 Sep 13 j 16:37	7° II 55'16	24°12'25	minimum elong	-11592 Aug 06 j 07:15	23° B 24'18	0°43'54
	-11593 Sep 30 j 23:43	0° E		min. Earth dist.	-11592 Aug 06 j 10:27	23° B 13'13	0.67180 AU
desc. node	-11593 Oct 09 j 08:19	12° E 36'58		asc. node	-11592 Aug 08 j 15:32	20° B 15'36	
morning set	-11593 Oct 19 j 03:44	28° E 42'27		morning rise	-11592 Aug 11 j 14:01	17° B 08'23	
	-11593 Oct 19 j 21:44	0° O		direct	-11592 Aug 16 j 06:18	15° B 13'28	
max. Earth dist.	-11593 Oct 23 j 05:48	5° O 51'45	1.38547 AU	morning max el	-11592 Aug 26 j 04:12	21° B 11'21	22°48'19
					-11592 Sep 02 j 15:32	0° II	
superior conj	-11593 Oct 30 j 06:40	18° O 51'09	-1°37'31		-11592 Sep 23 j 07:07	0° E	
minimum elong	-11593 Oct 30 j 05:31	18° O 45'44	1°37'01	desc. node	-11592 Sep 25 j 05:14	3° E 02'13	
	-11593 Nov 05 j 00:32	0° H		morning set	-11592 Sep 28 j 21:29	8° E 57'54	
evening rise	-11593 Nov 07 j 23:53	5° H 51'03		max. Earth dist.	-11592 Oct 04 j 05:22	17° E 50'56	1.40527 AU
asc. node	-11593 Nov 18 j 17:22	25° H 14'57			-11592 Oct 11 j 03:57	0° O	
	-11593 Nov 22 j 04:33	0° E					
evening max el	-11593 Nov 24 j 14:39	2° E 37'48	18°55'33	superior conj	-11592 Oct 11 j 20:13	1° O 13'21	-1°27'05
retrograde	-11593 Dec 03 j 00:37	6° E 40'43		minimum elong	-11592 Oct 11 j 17:07	0° O 59'21	1°26'17
evening set	-11593 Dec 05 j 12:33	6° E 20'47		evening rise	-11592 Oct 21 j 14:54	19° O 26'17	
inferior conj	-11593 Dec 13 j 10:36	1° E 59'39	4°14'33		-11592 Oct 27 j 07:14	0° H	
minimum elong	-11593 Dec 13 j 11:54	1° E 57'18	4°14'30	asc. node	-11592 Nov 04 j 14:40	12° H 58'02	
	-11593 Dec 16 j 05:16	30° R H		evening max el	-11592 Nov 06 j 19:13	15° H 23'11	18°21'35
min. Earth dist.	-11593 Dec 16 j 12:20	29° H 47'42	0.57878 AU	retrograde	-11592 Nov 14 j 05:52	19° H 05'34	
morning rise	-11593 Dec 21 j 09:16	26° H 57'48		evening set	-11592 Nov 16 j 17:22	18° H 42'00	
direct	-11593 Dec 27 j 01:04	25° H 41'35		inferior conj	-11592 Nov 24 j 02:38	13° H 59'55	4°12'07
desc. node	-11592 Jan 05 j 09:46	29° H 01'36		minimum elong	-11592 Nov 24 j 00:41	14° H 03'58	4°12'11
	-11592 Jan 06 j 17:59	0° E		min. Earth dist.	-11592 Nov 27 j 07:17	11° H 21'28	0.59678 AU
morning max el	-11592 Jan 10 j 02:10	2° E 53'00	25°35'40	morning rise	-11592 Dec 01 j 06:21	8° H 36'50	
	-11592 Jan 29 j 08:58	0° H		direct	-11592 Dec 07 j 20:39	6° H 42'52	
morning set	-11592 Feb 06 j 14:21	16° H 10'16		morning max el	-11592 Dec 21 j 21:37	14° H 04'33	26°46'49
	-11592 Feb 13 j 00:30	0° Z		desc. node	-11592 Dec 22 j 06:27	14° H 25'57	
					-11591 Jan 03 j 17:32	0° E	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11591 Jan 20 j 11:27	0°♍		desc. node	-11591 Dec 09 j 03:08	1°♑27'53	
morning set	-11591 Jan 21 j 00:53	1°♍09'40			-11591 Dec 28 j 01:46	0°♎	
				morning set	-11590 Jan 05 j 07:37	15°♎55'46	
superior conj	-11591 Jan 28 j 01:21	16°♍15'00	-0°32'30	max. Earth dist.	-11590 Jan 11 j 10:51	28°♎55'30	1.32926 AU
minimum elong	-11591 Jan 28 j 02:38	16°♍21'58	0°32'41		-11590 Jan 11 j 22:44	0°♍	
max. Earth dist.	-11591 Jan 27 j 22:43	16°♍00'36	1.32779 AU				
asc. node	-11591 Jan 31 j 12:20	23°♍46'42		superior conj	-11590 Jan 12 j 12:50	1°♍16'37	-0°53'02
	-11591 Feb 03 j 10:18	0°♊		minimum elong	-11590 Jan 12 j 14:41	1°♍26'45	0°53'02
evening rise	-11591 Feb 04 j 03:02	1°♊27'32		asc. node	-11590 Jan 18 j 09:36	13°♍58'09	
	-11591 Feb 19 j 20:09	0°♊		evening rise	-11590 Jan 19 j 13:29	16°♍25'26	
evening max el	-11591 Mar 04 j 23:39	16°♊29'02	26°14'48		-11590 Jan 26 j 09:22	0°♊	
retrograde	-11591 Mar 19 j 02:44	23°♊49'28		evening max el	-11590 Feb 14 j 19:04	27°♊37'53	24°57'10
desc. node	-11591 Mar 20 j 07:14	23°♊45'54			-11590 Feb 17 j 12:16	0°♊	
evening set	-11591 Mar 24 j 23:35	22°♊23'11		retrograde	-11590 Feb 28 j 18:20	4°♊39'56	
min. Earth dist.	-11591 Mar 29 j 12:59	19°♊32'07	0.58978 AU	evening set	-11590 Mar 05 j 13:56	3°♊46'34	
inferior conj	-11591 Apr 01 j 20:39	16°♊58'40	-2°45'06	desc. node	-11590 Mar 07 j 04:17	3°♊06'47	
minimum elong	-11591 Apr 01 j 17:17	17°♊05'12	2°45'05	min. Earth dist.	-11590 Mar 11 j 08:39	0°♊43'41	0.57193 AU
morning rise	-11591 Apr 09 j 14:00	12°♊26'42			-11590 Mar 12 j 11:06	30°♊♊	
direct	-11591 Apr 11 j 22:56	12°♊06'57		inferior conj	-11590 Mar 14 j 04:08	28°♊50'49	-1°41'44
morning max el	-11591 Apr 19 j 17:03	15°♊50'33	18°29'28	minimum elong	-11590 Mar 14 j 00:48	28°♊56'27	1°41'28
asc. node	-11591 Apr 29 j 11:32	29°♊38'59		morning rise	-11590 Mar 22 j 14:52	24°♊36'18	
	-11591 Apr 29 j 16:18	0°♋		direct	-11590 Mar 24 j 19:57	24°♊21'56	
morning set	-11591 May 05 j 21:01	11°♋31'08		morning max el	-11590 Apr 02 j 20:18	28°♊37'59	19°11'56
					-11590 Apr 04 j 04:40	0°♊	
superior conj	-11591 May 15 j 05:54	29°♋15'26	1°44'18	asc. node	-11590 Apr 16 j 08:26	18°♊59'51	
minimum elong	-11591 May 15 j 03:43	29°♋05'24	1°43'51	morning set	-11590 Apr 19 j 16:44	25°♊30'24	
	-11591 May 15 j 15:34	0°♋			-11590 Apr 21 j 23:09	0°♋	
max. Earth dist.	-11591 May 22 j 10:54	12°♋10'30	1.39932 AU				
evening rise	-11591 May 27 j 01:09	20°♋00'12		superior conj	-11590 Apr 28 j 04:46	12°♋15'44	1°30'48
	-11591 Jun 02 j 04:23	0°♌		minimum elong	-11590 Apr 28 j 01:45	12°♋01'09	1°30'00
desc. node	-11591 Jun 16 j 04:47	21°♌03'03		max. Earth dist.	-11590 May 04 j 10:58	24°♋02'10	1.38067 AU
	-11591 Jun 22 j 19:31	0°♌			-11590 May 07 j 18:39	0°♌	
evening max el	-11591 Jun 30 j 19:47	9°♌20'38	23°26'19	evening rise	-11590 May 08 j 11:19	1°♌13'20	
retrograde	-11591 Jul 11 j 05:17	15°♌31'02			-11590 May 26 j 09:44	0°♌	
evening set	-11591 Jul 16 j 07:29	13°♌20'40		desc. node	-11590 Jun 03 j 02:16	10°♌42'57	
inferior conj	-11591 Jul 21 j 12:41	7°♌05'31	-1°30'37	evening max el	-11590 Jun 13 j 05:45	22°♌41'26	24°47'31
minimum elong	-11591 Jul 21 j 14:25	6°♌59'32	1°29'38	retrograde	-11590 Jun 24 j 18:14	29°♌28'52	
min. Earth dist.	-11591 Jul 21 j 06:09	7°♌27'59	0.67217 AU	evening set	-11590 Jun 30 j 11:11	26°♌59'38	
morning rise	-11591 Jul 26 j 21:17	0°♌51'33		min. Earth dist.	-11590 Jul 04 j 23:54	21°♌44'09	0.66935 AU
asc. node	-11591 Jul 26 j 12:25	1°♌09'40		inferior conj	-11590 Jul 05 j 17:54	20°♌43'47	-2°11'29
	-11591 Jul 28 j 04:30	30°♌♌		minimum elong	-11590 Jul 05 j 20:09	20°♌36'16	2°10'36
direct	-11591 Jul 31 j 01:07	29°♌14'45		morning rise	-11590 Jul 11 j 05:05	14°♌38'26	
	-11591 Aug 03 j 02:16	0°♌		asc. node	-11590 Jul 13 j 09:14	13°♌31'58	
morning max el	-11591 Aug 08 j 20:03	4°♌30'13	21°27'21	direct	-11590 Jul 14 j 22:21	13°♌18'20	
	-11591 Aug 27 j 19:44	0°♍		morning max el	-11590 Jul 22 j 17:59	17°♌54'06	20°15'34
morning set	-11591 Sep 08 j 14:07	18°♍02'29			-11590 Aug 01 j 04:50	0°♌	
desc. node	-11591 Sep 12 j 02:16	23°♍36'37		morning set	-11590 Aug 18 j 17:11	26°♌30'38	
	-11591 Sep 16 j 00:56	0°♍			-11590 Aug 20 j 22:54	0°♍	
max. Earth dist.	-11591 Sep 16 j 09:40	0°♍35'49	1.42332 AU	desc. node	-11590 Aug 29 j 23:22	14°♍15'57	
				max. Earth dist.	-11590 Aug 29 j 20:22	14°♍03'55	1.43708 AU
superior conj	-11591 Sep 23 j 11:28	12°♍27'42	-1°04'49				
minimum elong	-11591 Sep 23 j 07:08	12°♍09'10	1°03'44	superior conj	-11590 Sep 03 j 23:32	22°♍22'25	-0°29'50
	-11591 Oct 03 j 09:56	0°♎		minimum elong	-11590 Sep 03 j 20:35	22°♍10'20	0°28'50
evening rise	-11591 Oct 04 j 17:37	2°♎23'06			-11590 Sep 08 j 14:20	0°♎	
evening max el	-11591 Oct 21 j 05:42	28°♎29'47	18°07'35	evening rise	-11590 Sep 17 j 03:12	14°♎29'47	
asc. node	-11591 Oct 22 j 11:55	29°♎39'14			-11590 Sep 26 j 06:10	0°♎	
	-11591 Oct 22 j 22:12	0°♏		evening max el	-11590 Oct 04 j 19:04	11°♎50'02	18°12'38
retrograde	-11591 Oct 28 j 02:14	2°♏02'50		asc. node	-11590 Oct 09 j 09:06	15°♎02'21	
evening set	-11591 Oct 30 j 15:05	1°♏33'52		retrograde	-11590 Oct 11 j 09:48	15°♎23'34	
	-11591 Nov 02 j 11:00	30°♏♏		evening set	-11590 Oct 14 j 02:04	14°♎46'57	
inferior conj	-11591 Nov 06 j 12:19	26°♏30'41	3°46'11	inferior conj	-11590 Oct 20 j 12:25	9°♎24'29	3°06'02
minimum elong	-11591 Nov 06 j 08:45	26°♏39'08	3°45'56	minimum elong	-11590 Oct 20 j 08:40	9°♎34'28	3°05'35
min. Earth dist.	-11591 Nov 09 j 09:53	23°♏46'12	0.61524 AU	min. Earth dist.	-11590 Oct 22 j 22:02	6°♎51'17	0.63205 AU
morning rise	-11591 Nov 13 j 01:11	20°♏49'55		morning rise	-11590 Oct 26 j 14:24	3°♎28'54	
direct	-11591 Nov 20 j 01:57	18°♏25'48		direct	-11590 Nov 02 j 14:54	0°♎48'14	
morning max el	-11591 Dec 03 j 23:20	25°♏54'07	27°27'03	morning max el	-11590 Nov 16 j 06:13	8°♏20'12	27°32'40
	-11591 Dec 07 j 20:50	0°♏		desc. node	-11590 Nov 25 j 23:47	19°♏39'35	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11590 Dec 03 j 04:43	0°♎		morning rise	-11589 Oct 09 j 17:48	16°♊27'26	
morning set	-11590 Dec 20 j 08:12	0°♊20'20		direct	-11589 Oct 16 j 10:27	13°♊43'29	
	-11590 Dec 20 j 04:08	0°♊		morning max el	-11589 Oct 29 j 15:57	21°♊14'03	27°05'37
max. Earth dist.	-11590 Dec 25 j 18:05	11°♊31'05	1.33437 AU		-11589 Nov 06 j 09:58	0°♊	
				desc. node	-11589 Nov 12 j 20:26	8°♊40'44	
superior conj	-11590 Dec 27 j 22:16	16°♊09'38	-1°11'01		-11589 Nov 26 j 06:22	0°♎	
minimum elong	-11590 Dec 28 j 00:23	16°♊20'59	1°10'54	morning set	-11589 Dec 03 j 23:36	14°♎13'06	
	-11589 Jan 03 j 09:02	0°♎		max. Earth dist.	-11589 Dec 08 j 16:58	23°♎37'40	1.34356 AU
evening rise	-11589 Jan 04 j 00:46	1°♎22'49			-11589 Dec 11 j 18:47	0°♊	
asc. node	-11589 Jan 05 j 06:54	3°♎59'40					
	-11589 Jan 20 j 04:16	0°♊		superior conj	-11589 Dec 12 j 03:39	0°♊46'30	-1°25'33
evening max el	-11589 Jan 27 j 12:27	8°♊30'38	23°25'16	minimum elong	-11589 Dec 12 j 05:35	0°♊56'40	1°25'21
retrograde	-11589 Feb 09 j 21:00	15°♊01'21		evening rise	-11589 Dec 19 j 11:13	16°♊13'05	
evening set	-11589 Feb 13 j 15:28	14°♊30'16		asc. node	-11589 Dec 23 j 04:13	23°♊45'24	
min. Earth dist.	-11589 Feb 21 j 01:03	11°♊04'33	0.55933 AU		-11589 Dec 26 j 11:03	0°♎	
desc. node	-11589 Feb 22 j 01:14	10°♊28'33		evening max el	-11588 Jan 09 j 08:37	19°♎28'37	21°52'22
inferior conj	-11589 Feb 22 j 16:34	10°♊05'36	-0°09'49	retrograde	-11588 Jan 21 j 13:31	25°♎16'31	
minimum elong	-11589 Feb 22 j 16:08	10°♊06'15	0°10'17	evening set	-11588 Jan 24 j 14:10	24°♎56'05	
transit middle	-11589 Feb 22 j 16:08	10°♊06'15	0°10'17	inferior conj	-11588 Feb 02 j 15:55	20°♎52'22	1°35'25
transit begin	-11589 Feb 22 j 13:04	10°♊10'50		minimum elong	-11588 Feb 02 j 19:52	20°♎46'45	1°33'43
transit end	-11589 Feb 22 j 19:11	10°♊01'41		min. Earth dist.	-11588 Feb 02 j 15:25	20°♎53'04	0.55444 AU
morning rise	-11589 Mar 03 j 18:56	6°♊01'42		desc. node	-11588 Feb 08 j 22:04	17°♎41'50	
direct	-11589 Mar 05 j 23:46	5°♊49'34		morning rise	-11588 Feb 12 j 01:46	16°♎46'05	
morning max el	-11589 Mar 16 j 14:10	10°♊50'53	20°14'05	direct	-11588 Feb 14 j 15:56	16°♎30'57	
	-11589 Mar 29 j 18:12	0°♊		morning max el	-11588 Feb 26 j 20:50	22°♎23'06	21°34'33
asc. node	-11589 Apr 03 j 05:24	8°♊43'23			-11588 Mar 04 j 07:54	0°♊	
morning set	-11589 Apr 03 j 20:13	9°♊58'16		morning set	-11588 Mar 18 j 04:47	24°♊45'37	
				asc. node	-11588 Mar 20 j 02:25	28°♊42'48	
superior conj	-11589 Apr 11 j 17:10	26°♊00'37	1°11'59		-11588 Mar 20 j 17:10	0°♊	
minimum elong	-11589 Apr 11 j 14:20	25°♊46'20	1°10'59				
	-11589 Apr 13 j 17:09	0°♊		superior conj	-11588 Mar 25 j 15:11	10°♊17'46	0°50'07
max. Earth dist.	-11589 Apr 16 j 15:53	5°♊45'11	1.36373 AU	minimum elong	-11588 Mar 25 j 13:04	10°♊06'49	0°49'06
evening rise	-11589 Apr 20 j 20:36	13°♊38'47		max. Earth dist.	-11588 Mar 29 j 05:50	17°♊41'42	1.34977 AU
	-11589 Apr 30 j 06:08	0°♊		evening rise	-11588 Apr 02 j 23:11	26°♊58'53	
desc. node	-11589 May 20 j 23:42	29°♊49'28			-11588 Apr 04 j 13:25	0°♊	
	-11589 May 21 j 03:13	0°♊			-11588 Apr 22 j 13:38	0°♊	
evening max el	-11589 May 26 j 15:41	6°♊04'04	25°59'38	desc. node	-11588 May 06 j 21:05	18°♊08'24	
retrograde	-11589 Jun 08 j 02:41	13°♊17'58		evening max el	-11588 May 08 j 02:21	19°♊22'13	26°54'10
evening set	-11589 Jun 14 j 09:24	10°♊35'13		retrograde	-11588 May 21 j 06:11	26°♊51'22	
min. Earth dist.	-11589 Jun 18 j 13:22	5°♊59'03	0.66300 AU	evening set	-11588 May 27 j 23:38	24°♊04'05	
inferior conj	-11589 Jun 19 j 20:10	4°♊20'50	-2°45'51	min. Earth dist.	-11588 May 31 j 20:21	20°♊06'37	0.65273 AU
minimum elong	-11589 Jun 19 j 22:32	4°♊13'18	2°45'17	inferior conj	-11588 Jun 02 j 17:19	17°♊53'16	-3°11'54
	-11589 Jun 23 j 13:57	30°♊		minimum elong	-11588 Jun 02 j 19:17	17°♊47'26	3°11'47
morning rise	-11589 Jun 25 j 11:43	28°♊27'17		morning rise	-11588 Jun 08 j 15:15	12°♊14'19	
direct	-11589 Jun 28 j 20:19	27°♊22'01		direct	-11588 Jun 11 j 16:54	11°♊21'57	
asc. node	-11589 Jun 30 j 06:01	27°♊32'58		asc. node	-11588 Jun 16 j 02:49	13°♊03'46	
	-11589 Jul 04 j 10:40	0°♊		morning max el	-11588 Jun 18 j 08:09	15°♊01'12	18°34'31
morning max el	-11589 Jul 05 j 22:23	1°♊24'57	19°17'07		-11588 Jun 29 j 03:04	0°♊	
	-11589 Jul 25 j 17:55	0°♊		morning set	-11588 Jul 08 j 09:41	15°♊06'13	
morning set	-11589 Jul 29 j 02:44	5°♊18'43			-11588 Jul 17 j 14:14	0°♊	
max. Earth dist.	-11589 Aug 12 j 11:52	28°♊00'56	1.44471 AU				
	-11589 Aug 13 j 17:53	0°♊		superior conj	-11588 Jul 23 j 09:55	9°♊17'13	0°58'32
superior conj	-11589 Aug 14 j 10:05	1°♊04'20	0°14'32	minimum elong	-11588 Jul 23 j 16:07	9°♊41'47	0°58'15
minimum elong	-11589 Aug 14 j 11:54	1°♊11'33	0°14'52	max. Earth dist.	-11588 Jul 25 j 04:49	12°♊07'16	1.44529 AU
behind sun begin	-11589 Aug 14 j 07:09	0°♊52'40		desc. node	-11588 Aug 02 j 17:53	25°♊37'01	
behind sun end	-11589 Aug 14 j 16:39	1°♊30'27			-11588 Aug 05 j 12:33	0°♊	
desc. node	-11589 Aug 16 j 20:34	4°♊57'07		evening rise	-11588 Aug 08 j 22:06	5°♊21'47	
evening rise	-11589 Aug 29 j 14:09	25°♊33'08			-11588 Aug 24 j 20:34	0°♊	
	-11589 Sep 01 j 07:11	0°♊		evening max el	-11588 Aug 31 j 18:45	8°♊47'32	19°15'47
evening max el	-11589 Sep 18 j 08:21	25°♊17'37	18°35'42	retrograde	-11588 Sep 07 j 20:02	12°♊49'11	
retrograde	-11589 Sep 25 j 00:50	29°♊00'47		evening set	-11588 Sep 11 j 01:42	11°♊48'40	
asc. node	-11589 Sep 26 j 06:14	28°♊52'25		asc. node	-11588 Sep 12 j 03:18	11°♊02'50	
evening set	-11589 Sep 27 j 22:40	28°♊13'47		inferior conj	-11588 Sep 16 j 18:54	5°♊56'40	1°26'43
inferior conj	-11589 Oct 03 j 23:34	22°♊34'51	2°18'09	minimum elong	-11588 Sep 16 j 16:55	6°♊02'56	1°26'37
minimum elong	-11589 Oct 03 j 20:31	22°♊43'51	2°17'46	min. Earth dist.	-11588 Sep 18 j 03:06	4°♊14'55	0.65708 AU
min. Earth dist.	-11589 Oct 05 j 20:08	20°♊24'16	0.64611 AU		-11588 Sep 21 j 23:05	30°♊	
				morning rise	-11588 Sep 22 j 07:45	29°♊40'53	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

direct	-11588 Sep 28 j 12:12	27° Π 03'53		min. Earth dist.	-11587 Sep 01 j 16:43	18° Π 15'41	0.66508 AU
	-11588 Oct 05 j 23:55	0° \mathfrak{D}		morning rise	-11587 Sep 06 j 05:19	13° Π 05'02	
morning max el	-11588 Oct 11 j 02:22	4° \mathfrak{D} 24'08	26°11'48	direct	-11587 Sep 11 j 19:46	10° Π 41'43	
desc. node	-11588 Oct 29 j 17:09	28° \mathfrak{D} 17'09		morning max el	-11587 Sep 23 j 12:09	17° Π 38'46	24°59'09
	-11588 Oct 30 j 20:22	0° Ω			-11587 Oct 03 j 21:43	0° \mathfrak{D}	
morning set	-11588 Nov 16 j 01:59	27° Ω 22'42		desc. node	-11587 Oct 16 j 13:58	18° \mathfrak{D} 17'48	
	-11588 Nov 17 j 11:35	0° \mathfrak{M}			-11587 Oct 23 j 20:38	0° Ω	
max. Earth dist.	-11588 Nov 20 j 05:14	5° \mathfrak{M} 14'41	1.35700 AU	morning set	-11587 Oct 29 j 10:19	9° Ω 34'10	
				max. Earth dist.	-11587 Nov 02 j 07:35	16° Ω 35'03	1.37427 AU
superior conj	-11588 Nov 25 j 02:39	14° \mathfrak{M} 59'52	-1°35'25				
minimum elong	-11588 Nov 25 j 03:52	15° \mathfrak{M} 06'03	1°35'09	superior conj	-11587 Nov 08 j 16:03	28° Ω 39'27	-1°39'02
	-11588 Dec 02 j 09:14	0° \mathfrak{L}		minimum elong	-11587 Nov 08 j 15:56	28° Ω 38'53	1°38'39
evening rise	-11588 Dec 02 j 19:07	0° \mathfrak{L} 50'41			-11587 Nov 09 j 08:29	0° \mathfrak{M}	
asc. node	-11588 Dec 09 j 01:33	13° \mathfrak{L} 08'50		evening rise	-11587 Nov 16 j 22:25	15° \mathfrak{M} 08'51	
	-11588 Dec 20 j 15:10	0° \mathfrak{M}			-11587 Nov 24 j 18:11	0° \mathfrak{L}	
evening max el	-11588 Dec 21 j 12:40	0° \mathfrak{M} 52'26	20°29'47	asc. node	-11587 Nov 25 j 22:53	2° \mathfrak{L} 01'30	
retrograde	-11587 Jan 01 j 05:08	5° \mathfrak{M} 53'22		evening max el	-11587 Dec 04 j 02:58	12° \mathfrak{L} 50'20	19°24'20
evening set	-11587 Jan 03 j 20:54	5° \mathfrak{M} 36'04		retrograde	-11587 Dec 13 j 06:49	17° \mathfrak{L} 10'36	
inferior conj	-11587 Jan 12 j 14:36	1° \mathfrak{M} 36'24	3°06'09	evening set	-11587 Dec 15 j 19:28	16° \mathfrak{L} 52'18	
minimum elong	-11587 Jan 12 j 20:21	1° \mathfrak{M} 27'49	3°04'31	inferior conj	-11587 Dec 24 j 01:04	12° \mathfrak{L} 42'05	4°00'59
min. Earth dist.	-11587 Jan 14 j 04:59	0° \mathfrak{M} 39'23	0.55825 AU	minimum elong	-11587 Dec 24 j 04:32	12° \mathfrak{L} 36'18	4°00'28
	-11587 Jan 15 j 08:12	30° \mathfrak{R} \mathfrak{L}		min. Earth dist.	-11587 Dec 26 j 18:47	10° \mathfrak{L} 53'25	0.56971 AU
morning rise	-11587 Jan 21 j 18:16	27° \mathfrak{L} 12'11		morning rise	-11586 Jan 01 j 11:25	7° \mathfrak{L} 53'28	
direct	-11587 Jan 25 j 07:59	26° \mathfrak{L} 44'07		direct	-11586 Jan 06 j 09:42	6° \mathfrak{L} 57'49	
desc. node	-11587 Jan 25 j 18:51	26° \mathfrak{L} 44'35		desc. node	-11586 Jan 12 j 15:34	8° \mathfrak{L} 27'28	
	-11587 Feb 03 j 16:00	0° \mathfrak{M}		morning max el	-11586 Jan 20 j 08:20	14° \mathfrak{L} 01'10	24°44'32
morning max el	-11587 Feb 07 j 17:21	3° \mathfrak{M} 20'10	23°08'11		-11586 Feb 01 j 20:29	0° \mathfrak{M}	
	-11587 Feb 25 j 20:17	0° \mathfrak{J}		morning set	-11586 Feb 15 j 04:49	24° \mathfrak{M} 50'14	
morning set	-11587 Mar 02 j 16:16	9° \mathfrak{J} 45'14			-11586 Feb 17 j 15:07	0° \mathfrak{J}	
asc. node	-11587 Mar 06 j 23:32	18° \mathfrak{J} 53'00		asc. node	-11586 Feb 21 j 20:42	9° \mathfrak{J} 09'21	
superior conj	-11587 Mar 09 j 19:49	24° \mathfrak{J} 57'52	0°26'48	superior conj	-11586 Feb 22 j 04:44	9° \mathfrak{J} 52'52	0°03'13
minimum elong	-11587 Mar 09 j 18:41	24° \mathfrak{J} 51'50	0°25'57	minimum elong	-11586 Feb 22 j 04:38	9° \mathfrak{J} 52'15	0°02'36
max. Earth dist.	-11587 Mar 12 j 05:41	0° \mathfrak{Z} 03'37	1.33928 AU	behind sun begin	-11586 Feb 21 j 23:36	9° \mathfrak{J} 25'01	
	-11587 Mar 12 j 05:00	0° \mathfrak{Z}		behind sun end	-11586 Feb 22 j 09:39	10° \mathfrak{J} 19'29	
evening rise	-11587 Mar 17 j 14:12	10° \mathfrak{Z} 59'08		max. Earth dist.	-11586 Feb 23 j 13:29	12° \mathfrak{J} 49'37	1.33223 AU
	-11587 Mar 27 j 21:57	0° \mathfrak{A}		evening rise	-11586 Mar 01 j 13:56	25° \mathfrak{J} 27'27	
	-11587 Apr 18 j 03:45	0° \mathfrak{X}			-11586 Mar 03 j 20:28	0° \mathfrak{Z}	
evening max el	-11587 Apr 20 j 12:48	2° \mathfrak{X} 26'27	27°23'37		-11586 Mar 21 j 11:19	0° \mathfrak{A}	
desc. node	-11587 Apr 23 j 18:25	5° \mathfrak{X} 20'23		evening max el	-11586 Apr 02 j 21:12	15° \mathfrak{A} 06'03	27°22'28
retrograde	-11587 May 04 j 04:16	10° \mathfrak{X} 01'12		desc. node	-11586 Apr 10 j 15:41	20° \mathfrak{A} 58'50	
evening set	-11587 May 11 j 02:59	7° \mathfrak{X} 21'43		retrograde	-11586 Apr 16 j 19:59	22° \mathfrak{A} 38'59	
min. Earth dist.	-11587 May 14 j 19:14	3° \mathfrak{X} 57'50	0.63850 AU	evening set	-11586 Apr 23 j 16:08	20° \mathfrak{A} 20'50	
inferior conj	-11587 May 17 j 06:50	1° \mathfrak{X} 17'07	-3°27'04	min. Earth dist.	-11586 Apr 27 j 09:14	17° \mathfrak{A} 20'33	0.62085 AU
minimum elong	-11587 May 17 j 07:48	1° \mathfrak{X} 14'30	3°27'22	inferior conj	-11586 Apr 30 j 09:43	14° \mathfrak{A} 26'38	-3°27'34
	-11587 May 18 j 11:47	30° \mathfrak{R} \mathfrak{A}		minimum elong	-11586 Apr 30 j 09:04	14° \mathfrak{A} 28'12	3°28'02
morning rise	-11587 May 23 j 13:26	25° \mathfrak{A} 54'59		morning rise	-11586 May 07 j 03:34	9° \mathfrak{A} 23'03	
direct	-11587 May 26 j 09:32	25° \mathfrak{A} 13'39		direct	-11586 May 09 j 19:08	8° \mathfrak{A} 51'08	
morning max el	-11587 Jun 01 j 21:14	28° \mathfrak{A} 39'17	18°09'12	morning max el	-11586 May 16 j 11:11	12° \mathfrak{A} 13'55	18°02'05
asc. node	-11587 Jun 02 j 23:38	29° \mathfrak{A} 49'18		asc. node	-11586 May 20 j 20:30	17° \mathfrak{A} 34'14	
	-11587 Jun 03 j 03:26	0° \mathfrak{X}			-11586 May 28 j 11:30	0° \mathfrak{X}	
morning set	-11587 Jun 19 j 18:00	26° \mathfrak{X} 04'02		morning set	-11586 Jun 02 j 00:57	8° \mathfrak{X} 07'30	
	-11587 Jun 22 j 01:16	0° \mathfrak{Y}					
				superior conj	-11586 Jun 13 j 10:25	28° \mathfrak{X} 09'06	1°46'59
superior conj	-11587 Jul 02 j 21:28	18° \mathfrak{Y} 05'32	1°30'56	minimum elong	-11586 Jun 13 j 12:34	28° \mathfrak{X} 18'16	1°46'52
minimum elong	-11587 Jul 03 j 03:11	18° \mathfrak{Y} 28'52	1°30'40		-11586 Jun 14 j 12:30	0° \mathfrak{Y}	
max. Earth dist.	-11587 Jul 07 j 19:38	26° \mathfrak{Y} 02'57	1.43898 AU	max. Earth dist.	-11586 Jun 20 j 06:06	9° \mathfrak{Y} 33'06	1.42670 AU
	-11587 Jul 10 j 07:06	0° \mathfrak{B}		evening rise	-11586 Jun 28 j 06:32	22° \mathfrak{Y} 24'21	
evening rise	-11587 Jul 19 j 05:53	14° \mathfrak{B} 02'41			-11586 Jul 03 j 03:51	0° \mathfrak{B}	
desc. node	-11587 Jul 20 j 15:16	16° \mathfrak{B} 12'05		desc. node	-11586 Jul 07 j 12:42	6° \mathfrak{B} 38'57	
	-11587 Jul 29 j 15:26	0° \mathfrak{I}			-11586 Jul 24 j 00:13	0° \mathfrak{I}	
evening max el	-11587 Aug 14 j 23:52	22° \mathfrak{I} 15'23	20°11'29	evening max el	-11586 Jul 28 j 22:19	5° \mathfrak{I} 39'56	21°20'28
retrograde	-11587 Aug 22 j 16:47	26° \mathfrak{I} 44'24		retrograde	-11586 Aug 06 j 12:59	10° \mathfrak{I} 44'23	
evening set	-11587 Aug 26 j 08:32	25° \mathfrak{I} 27'06		evening set	-11586 Aug 10 j 16:59	9° \mathfrak{I} 07'24	
asc. node	-11587 Aug 30 j 00:20	21° \mathfrak{I} 46'31		inferior conj	-11586 Aug 16 j 00:19	2° \mathfrak{I} 58'32	-0°16'35
inferior conj	-11587 Aug 31 j 19:50	19° \mathfrak{I} 25'12	0°34'27	minimum elong	-11586 Aug 16 j 00:40	2° \mathfrak{I} 57'21	0°15'53
minimum elong	-11587 Aug 31 j 19:03	19° \mathfrak{I} 27'50	0°34'45	transit middle	-11586 Aug 16 j 00:40	2° \mathfrak{I} 57'21	0°15'53

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

transit begin	-11586 Aug 15 j 24:00	2°II59'39		evening set	-11585 Jul 26 j 01:05	22°848'13	
transit end	-11586 Aug 16 j 01:20	2°II55'03		inferior conj	-11585 Jul 31 j 06:29	16°834'48	-1°04'45
min. Earth dist.	-11586 Aug 16 j 10:34	2°II23'23	0.67022 AU	minimum elong	-11585 Jul 31 j 07:47	16°830'19	1°03'49
asc. node	-11586 Aug 16 j 21:19	1°II46'41		min. Earth dist.	-11585 Jul 31 j 06:10	16°835'52	0.67241 AU
	-11586 Aug 18 j 05:34	30°K8		asc. node	-11585 Aug 03 j 18:14	12°804'34	
morning rise	-11586 Aug 21 j 08:12	26°837'56		morning rise	-11585 Aug 05 j 14:22	10°817'37	
direct	-11586 Aug 26 j 08:25	24°832'04		direct	-11585 Aug 10 j 01:16	8°830'21	
	-11586 Sep 05 j 00:41	0°II		morning max el	-11585 Aug 19 j 11:08	14°809'34	22°13'02
morning max el	-11586 Sep 05 j 22:11	0°II53'24	23°36'39		-11585 Sep 01 j 00:33	0°II	
	-11586 Sep 27 j 21:19	0°E		desc. node	-11585 Sep 20 j 07:49	29°II05'08	
desc. node	-11586 Oct 03 j 10:51	8°E35'33			-11585 Sep 20 j 21:32	0°E	
morning set	-11586 Oct 10 j 19:11	20°E33'39		morning set	-11585 Sep 21 j 01:33	0°E16'05	
max. Earth dist.	-11586 Oct 15 j 05:50	28°E10'26	1.39391 AU	max. Earth dist.	-11585 Sep 27 j 07:16	10°E29'22	1.41335 AU
	-11586 Oct 16 j 06:48	0°Q					
superior conj	-11586 Oct 22 j 15:47	11°Q33'52	-1°34'25	superior conj	-11585 Oct 04 j 20:34	23°E29'08	-1°19'12
minimum elong	-11586 Oct 22 j 13:49	11°Q24'41	1°33'48	minimum elong	-11585 Oct 04 j 16:46	23°E12'20	1°18'16
evening rise	-11586 Oct 31 j 18:44	29°Q01'25			-11585 Oct 08 j 11:53	0°Q	
	-11586 Nov 01 j 06:51	0°P		evening rise	-11585 Oct 15 j 04:58	12°Q21'23	
asc. node	-11586 Nov 12 j 20:12	20°P13'23			-11585 Oct 25 j 03:44	0°P	
evening max el	-11586 Nov 17 j 02:58	25°P20'21	18°38'42	asc. node	-11585 Oct 30 j 17:28	7°P32'08	
retrograde	-11586 Nov 25 j 01:37	29°P12'33		evening max el	-11585 Oct 31 j 10:25	8°P15'49	18°13'17
evening set	-11586 Nov 27 j 13:20	28°P51'10		retrograde	-11585 Nov 07 j 13:49	11°P52'52	
inferior conj	-11586 Dec 05 j 05:54	24°P21'36	4°17'04	evening set	-11585 Nov 10 j 01:48	11°P27'05	
minimum elong	-11586 Dec 05 j 05:40	24°P22'03	4°17'09	inferior conj	-11585 Nov 17 j 05:46	6°P35'37	4°03'23
min. Earth dist.	-11586 Dec 08 j 10:39	21°P55'48	0.58625 AU	minimum elong	-11585 Nov 17 j 02:55	6°P41'52	4°03'20
morning rise	-11586 Dec 12 j 20:08	19°P10'32		min. Earth dist.	-11585 Nov 20 j 08:10	3°P52'33	0.60468 AU
direct	-11586 Dec 18 j 23:14	17°P37'40		morning rise	-11585 Nov 24 j 02:40	1°P04'57	
desc. node	-11586 Dec 30 j 12:16	22°P40'03			-11585 Nov 26 j 03:56	30°KQ	
morning max el	-11585 Jan 02 j 00:25	24°P53'56	26°09'06	direct	-11585 Nov 30 j 22:56	28°Q57'01	
	-11585 Jan 06 j 18:18	0°E			-11585 Dec 05 j 22:08	0°P	
	-11585 Jan 25 j 19:08	0°M		morning max el	-11585 Dec 14 j 22:26	6°P20'56	27°08'14
morning set	-11585 Jan 30 j 16:35	9°M53'36		desc. node	-11585 Dec 17 j 08:54	8°P49'50	
					-11584 Jan 01 j 18:35	0°E	
superior conj	-11585 Feb 06 j 15:58	24°M55'24	-0°19'48	morning set	-11584 Jan 15 j 01:47	24°E48'51	
minimum elong	-11585 Feb 06 j 16:47	24°M59'53	0°20'09		-11584 Jan 17 j 13:00	0°M	
max. Earth dist.	-11585 Feb 07 j 02:01	25°M50'13	1.32851 AU	max. Earth dist.	-11584 Jan 21 j 15:35	8°M52'39	1.32802 AU
asc. node	-11585 Feb 08 j 17:54	29°M27'15					
	-11585 Feb 08 j 23:56	0°X		superior conj	-11584 Jan 22 j 03:50	9°M59'36	-0°41'26
evening rise	-11585 Feb 13 j 19:31	10°X13'36		minimum elong	-11584 Jan 22 j 05:24	10°M08'06	0°41'34
	-11585 Feb 24 j 04:35	0°Z		asc. node	-11584 Jan 26 j 15:08	19°M42'46	
evening max el	-11585 Mar 16 j 01:13	27°Z10'45	26°48'26	evening rise	-11584 Jan 29 j 04:45	25°M09'52	
	-11585 Mar 19 j 06:25	0°A			-11584 Jan 31 j 13:08	0°X	
desc. node	-11585 Mar 28 j 12:52	4°A29'41			-11584 Feb 18 j 09:43	0°Z	
retrograde	-11585 Mar 30 j 03:38	4°A36'26		evening max el	-11584 Feb 25 j 23:28	8°Z37'58	25°44'20
evening set	-11585 Apr 05 j 11:46	2°A50'07		retrograde	-11584 Mar 11 j 01:25	15°Z51'12	
min. Earth dist.	-11585 Apr 09 j 14:30	29°Z59'51	0.60120 AU	desc. node	-11584 Mar 14 j 09:55	15°Z23'52	
	-11585 Apr 09 j 14:26	30°KZ		evening set	-11584 Mar 16 j 12:22	14°Z39'38	
inferior conj	-11585 Apr 12 j 22:21	27°Z12'46	-3°08'00	min. Earth dist.	-11584 Mar 21 j 12:43	11°Z45'14	0.58186 AU
minimum elong	-11585 Apr 12 j 19:49	27°Z18'06	3°08'15	inferior conj	-11584 Mar 24 j 17:11	9°Z26'56	-2°22'02
morning rise	-11585 Apr 20 j 06:18	22°Z28'58		minimum elong	-11584 Mar 24 j 13:31	9°Z33'37	2°21'51
direct	-11585 Apr 22 j 17:45	22°Z05'04		morning rise	-11584 Apr 01 j 17:50	5°Z02'50	
morning max el	-11585 Apr 29 j 23:15	25°Z37'04	18°13'52	direct	-11584 Apr 04 j 01:12	4°Z45'31	
	-11585 May 03 j 17:17	0°A		morning max el	-11584 Apr 12 j 06:35	8°Z40'37	18°45'03
asc. node	-11585 May 07 j 17:20	6°A04'25		asc. node	-11584 Apr 23 j 14:12	25°Z09'31	
morning set	-11585 May 16 j 01:38	21°A04'39			-11584 Apr 26 j 04:23	0°A	
	-11585 May 20 j 20:26	0°H		morning set	-11584 Apr 28 j 15:32	4°A44'27	
superior conj	-11585 May 26 j 01:43	9°H31'30	1°48'30	superior conj	-11584 May 07 j 14:42	22°A00'59	1°39'25
minimum elong	-11585 May 26 j 00:41	9°H26'51	1°48'13	minimum elong	-11584 May 07 j 12:01	21°A48'20	1°38'47
max. Earth dist.	-11585 Jun 02 j 11:18	22°H26'01	1.41007 AU		-11584 May 11 j 22:17	0°H	
	-11585 Jun 07 j 00:15	0°Y		max. Earth dist.	-11584 May 14 j 12:10	4°H37'38	1.39140 AU
evening rise	-11585 Jun 07 j 22:28	1°Y30'44		evening rise	-11584 May 18 j 17:08	11°H56'43	
desc. node	-11585 Jun 24 j 10:10	26°Y52'44			-11584 May 29 j 20:06	0°Y	
	-11585 Jun 26 j 14:17	0°B		desc. node	-11584 Jun 10 j 07:39	16°Y47'25	
evening max el	-11585 Jul 11 j 14:10	19°B01'03	22°39'00		-11584 Jun 20 j 19:52	0°B	
retrograde	-11585 Jul 21 j 07:12	24°B46'32		evening max el	-11584 Jun 23 j 01:17	2°B20'55	24°01'17
				retrograde	-11584 Jul 03 j 22:19	8°B47'40	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening set	-11584 Jul 09 j 06:59	6°♄28'34		min. Earth dist.	-11583 Jun 27 j 17:24	15°♄08'14	0.66710 AU
min. Earth dist.	-11584 Jul 14 j 01:12	0°♄51'37	0.67146 AU	inferior conj	-11583 Jun 28 j 16:46	13°♄51'19	-2°26'58
inferior conj	-11584 Jul 14 j 12:33	0°♄12'56	-1°48'40	minimum elong	-11583 Jun 28 j 19:07	13°♄43'35	2°26'12
minimum elong	-11584 Jul 14 j 14:33	0°♄06'07	1°47'42	morning rise	-11583 Jul 04 j 05:36	7°♄50'47	
	-11584 Jul 14 j 16:20	30°♄		asc. node	-11583 Jul 07 j 11:53	6°♄37'56	
morning rise	-11584 Jul 19 j 22:04	24°♄02'30		direct	-11583 Jul 07 j 18:51	6°♄37'27	
asc. node	-11584 Jul 20 j 15:04	23°♄33'10		morning max el	-11583 Jul 15 j 06:25	10°♄58'30	19°48'53
direct	-11584 Jul 23 j 21:10	22°♄33'08			-11583 Jul 29 j 05:56	0°♄	
morning max el	-11584 Aug 01 j 05:31	27°♄30'40	20°55'24	morning set	-11583 Aug 09 j 13:42	17°♄29'48	
	-11584 Aug 03 j 11:40	0°♄			-11583 Aug 17 j 13:08	0°♄	
	-11584 Aug 24 j 14:40	0°♄		max. Earth dist.	-11583 Aug 22 j 03:45	7°♄18'09	1.44110 AU
morning set	-11584 Aug 30 j 10:17	8°♄59'10		desc. node	-11583 Aug 24 j 02:04	10°♄23'04	
desc. node	-11584 Sep 06 j 04:53	19°♄42'04					
max. Earth dist.	-11584 Sep 08 j 14:50	23°♄35'48	1.42982 AU	superior conj	-11583 Aug 26 j 00:57	13°♄31'17	-0°11'44
	-11584 Sep 12 j 12:36	0°♄		minimum elong	-11583 Aug 25 j 23:42	13°♄26'15	0°10'57
				behind sun begin	-11583 Aug 25 j 15:34	12°♄53'30	
superior conj	-11584 Sep 15 j 00:35	4°♄09'59	-0°51'28	behind sun end	-11583 Aug 26 j 07:50	13°♄59'03	
minimum elong	-11584 Sep 14 j 20:24	3°♄52'26	0°50'20		-11583 Sep 05 j 02:15	0°♄	
evening rise	-11584 Sep 27 j 01:03	24°♄58'34		evening rise	-11583 Sep 09 j 01:47	6°♄40'40	
	-11584 Sep 29 j 21:10	0°♄			-11583 Sep 23 j 12:08	0°♄	
evening max el	-11584 Oct 13 j 22:23	21°♄28'26	18°07'27	evening max el	-11583 Sep 27 j 12:02	4°♄52'28	18°20'17
asc. node	-11584 Oct 16 j 14:42	23°♄42'01		asc. node	-11583 Oct 03 j 11:52	8°♄27'17	
retrograde	-11584 Oct 20 j 15:36	25°♄00'58		retrograde	-11583 Oct 04 j 02:49	8°♄29'22	
evening set	-11584 Oct 23 j 05:35	24°♄29'04		evening set	-11583 Oct 06 j 21:04	7°♄48'51	
inferior conj	-11584 Oct 29 j 21:59	19°♄17'05	3°30'28	inferior conj	-11583 Oct 13 j 03:12	2°♄19'06	2°46'25
minimum elong	-11584 Oct 29 j 18:12	19°♄26'33	3°30'06	minimum elong	-11583 Oct 12 j 23:40	2°♄28'56	2°45'57
min. Earth dist.	-11584 Nov 01 j 14:40	16°♄35'45	0.62258 AU		-11583 Oct 15 j 05:12	30°♄	
morning rise	-11584 Nov 05 j 05:45	13°♄29'29		min. Earth dist.	-11583 Oct 15 j 07:20	29°♄54'09	0.63835 AU
direct	-11584 Nov 12 j 07:18	10°♄56'54		morning rise	-11583 Oct 19 j 01:31	26°♄17'48	
morning max el	-11584 Nov 26 j 02:47	18°♄27'20	27°33'53	direct	-11583 Oct 25 j 23:20	23°♄34'02	
desc. node	-11584 Dec 03 j 05:31	26°♄24'05			-11583 Nov 07 j 07:00	0°♄	
	-11584 Dec 05 j 23:56	0°♄		morning max el	-11583 Nov 08 j 11:21	1°♄07'15	27°24'52
	-11584 Dec 24 j 10:54	0°♄		desc. node	-11583 Nov 20 j 02:12	14°♄58'58	
morning set	-11584 Dec 29 j 06:13	9°♄26'55			-11583 Nov 30 j 01:02	0°♄	
max. Earth dist.	-11583 Jan 04 j 02:11	21°♄41'17	1.33093 AU	morning set	-11583 Dec 13 j 03:18	23°♄39'10	
					-11583 Dec 16 j 06:55	0°♄	
superior conj	-11583 Jan 05 j 14:38	24°♄58'02	-1°01'02	max. Earth dist.	-11583 Dec 18 j 06:06	4°♄04'17	1.33770 AU
minimum elong	-11583 Jan 05 j 16:39	25°♄08'57	1°00'58				
	-11583 Jan 07 j 22:17	0°♄		superior conj	-11583 Dec 20 j 22:34	9°♄44'41	-1°17'42
evening rise	-11583 Jan 12 j 15:44	10°♄08'03		minimum elong	-11583 Dec 21 j 00:40	9°♄55'51	1°17'31
asc. node	-11583 Jan 12 j 12:24	9°♄50'33		evening rise	-11583 Dec 28 j 02:49	25°♄02'28	
	-11583 Jan 23 j 00:25	0°♄		asc. node	-11583 Dec 30 j 09:43	29°♄45'44	
evening max el	-11583 Feb 06 j 17:13	19°♄36'24	24°19'00		-11583 Dec 30 j 12:31	0°♄	
retrograde	-11583 Feb 20 j 11:42	26°♄27'29			-11582 Jan 18 j 23:18	0°♄	
evening set	-11583 Feb 24 j 20:19	25°♄44'52		evening max el	-11582 Jan 19 j 11:00	0°♄27'54	22°45'09
desc. node	-11583 Mar 01 j 06:53	23°♄44'34		retrograde	-11582 Feb 01 j 09:51	6°♄42'03	
min. Earth dist.	-11583 Mar 03 j 06:30	22°♄33'48	0.56578 AU	evening set	-11582 Feb 04 j 19:11	6°♄16'56	
inferior conj	-11583 Mar 05 j 16:11	21°♄02'26	-1°05'45	min. Earth dist.	-11582 Feb 12 j 22:08	2°♄37'06	0.55614 AU
minimum elong	-11583 Mar 05 j 13:43	21°♄06'22	1°05'39	inferior conj	-11582 Feb 13 j 21:49	2°♄02'45	0°34'43
morning rise	-11583 Mar 14 j 10:10	16°♄54'07		minimum elong	-11582 Feb 13 j 23:17	2°♄00'37	0°33'41
direct	-11583 Mar 16 j 14:24	16°♄41'13		desc. node	-11582 Feb 16 j 03:45	0°♄45'56	
morning max el	-11583 Mar 26 j 06:13	21°♄14'44	19°36'01		-11582 Feb 17 j 14:29	30°♄	
	-11583 Apr 02 j 05:32	0°♄		morning rise	-11582 Feb 23 j 04:46	27°♄59'36	
asc. node	-11583 Apr 10 j 11:07	14°♄40'51		direct	-11582 Feb 25 j 11:42	27°♄47'09	
morning set	-11583 Apr 12 j 14:53	18°♄56'58			-11582 Mar 04 j 17:54	0°♄	
	-11583 Apr 18 j 02:56	0°♄		morning max el	-11582 Mar 08 j 19:29	3°♄10'41	20°46'19
					-11582 Mar 26 j 02:35	0°♄	
superior conj	-11583 Apr 20 j 19:54	5°♄22'17	1°23'19	morning set	-11582 Mar 27 j 20:47	3°♄33'40	
minimum elong	-11583 Apr 20 j 16:52	5°♄07'22	1°22'25	asc. node	-11582 Mar 28 j 08:06	4°♄31'35	
max. Earth dist.	-11583 Apr 26 j 13:19	16°♄21'33	1.37315 AU				
evening rise	-11583 Apr 30 j 13:48	23°♄42'32		superior conj	-11582 Apr 04 j 12:47	19°♄22'08	1°02'58
	-11583 May 04 j 03:48	0°♄		minimum elong	-11582 Apr 04 j 10:13	19°♄08'59	1°01'57
	-11583 May 23 j 12:03	0°♄		max. Earth dist.	-11582 Apr 08 j 21:20	28°♄06'13	1.35734 AU
desc. node	-11583 May 28 j 05:06	6°♄14'50			-11582 Apr 09 j 20:37	0°♄	
evening max el	-11583 Jun 05 j 10:47	15°♄42'21	25°19'42	evening rise	-11582 Apr 13 j 07:06	6°♄33'20	
retrograde	-11583 Jun 17 j 09:37	22°♄43'08			-11582 Apr 26 j 21:44	0°♄	
evening set	-11583 Jun 23 j 08:40	20°♄07'00		desc. node	-11582 May 15 j 02:31	25°♄03'24	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening max el	-11582 May 18 j 20:59	29° H 04'03	26°25'30	desc. node	-11581 May 01 j 23:52	12° H 57'21	
	-11582 May 19 j 20:10	0° Y		retrograde	-11581 May 14 j 17:29	19° H 51'17	
retrograde	-11582 May 31 j 16:12	6° Y 26'29		evening set	-11581 May 21 j 13:51	17° H 06'04	
evening set	-11582 Jun 07 j 03:50	3° Y 40'35		min. Earth dist.	-11581 May 25 j 08:21	13° H 23'29	0.64716 AU
	-11582 Jun 10 j 15:37	30° R H		inferior conj	-11581 May 27 j 11:27	10° H 57'31	-3°19'53
min. Earth dist.	-11582 Jun 11 j 04:29	29° H 20'58	0.65907 AU	minimum elong	-11581 May 27 j 13:04	10° H 52'52	3°19'57
inferior conj	-11582 Jun 12 j 17:09	27° H 27'10	-2°58'04	morning rise	-11581 Jun 02 j 12:44	5° H 25'08	
minimum elong	-11582 Jun 12 j 19:25	27° H 20'09	2°57'42	direct	-11581 Jun 05 j 11:56	4° H 37'33	
morning rise	-11582 Jun 18 j 11:09	21° H 39'21		asc. node	-11581 Jun 11 j 05:30	7° H 23'43	
direct	-11582 Jun 21 j 16:30	20° H 39'54		morning max el	-11581 Jun 12 j 00:40	8° H 09'46	18°21'29
asc. node	-11582 Jun 24 j 08:40	21° H 18'45			-11581 Jun 26 j 20:45	0° Y	
morning max el	-11582 Jun 28 j 13:17	24° H 32'01	18°56'53	morning set	-11581 Jul 01 j 01:02	6° Y 57'57	
	-11582 Jul 03 j 01:39	0° Y					
morning set	-11582 Jul 20 j 07:08	26° Y 39'45		superior conj	-11581 Jul 15 j 06:40	0° B 14'40	1°14'10
	-11582 Jul 22 j 09:16	0° B		minimum elong	-11581 Jul 15 j 13:17	0° B 41'11	1°13'50
					-11581 Jul 15 j 03:00	0° B	
superior conj	-11582 Aug 05 j 04:23	21° B 53'47	0°34'00	max. Earth dist.	-11581 Jul 18 j 12:15	5° B 24'07	1.44354 AU
minimum elong	-11582 Aug 05 j 08:28	22° B 09'56	0°33'59	desc. node	-11581 Jul 28 j 20:41	21° B 42'50	
max. Earth dist.	-11582 Aug 04 j 19:42	21° B 19'29	1.44584 AU	evening rise	-11581 Jul 31 j 22:04	26° B 29'44	
	-11582 Aug 10 j 07:08	0° II			-11581 Aug 03 j 03:57	0° II	
desc. node	-11582 Aug 10 j 23:21	1° II 04'19		greatest brilliancy	-11581 Aug 12 j 01:14	13° II 44'28	-0.7m
evening rise	-11582 Aug 21 j 01:29	17° II 12'37			-11581 Aug 23 j 16:11	0° B	
	-11582 Aug 29 j 00:20	0° B		evening max el	-11581 Aug 25 j 08:58	1° B 51'44	19°37'41
evening max el	-11582 Sep 11 j 00:27	18° B 21'46	18°50'47	retrograde	-11581 Sep 01 j 15:55	6° B 03'26	
retrograde	-11582 Sep 17 j 19:53	22° B 11'35		evening set	-11581 Sep 05 j 01:41	4° B 56'03	
asc. node	-11582 Sep 20 j 09:00	21° B 34'45		asc. node	-11581 Sep 07 j 06:05	3° B 04'58	
evening set	-11582 Sep 20 j 20:44	21° B 19'20			-11581 Sep 09 j 21:23	30° R II	
inferior conj	-11582 Sep 26 j 18:11	15° B 34'45	1°56'35	inferior conj	-11581 Sep 10 j 16:10	28° II 59'36	1°04'28
minimum elong	-11582 Sep 26 j 15:33	15° B 42'45	1°56'17	minimum elong	-11581 Sep 10 j 14:41	29° II 04'23	1°04'32
min. Earth dist.	-11582 Sep 28 j 09:28	13° B 35'37	0.65122 AU	min. Earth dist.	-11581 Sep 11 j 19:26	27° II 31'22	0.66096 AU
morning rise	-11582 Oct 02 j 09:51	9° B 23'21		morning rise	-11581 Sep 16 j 03:24	22° II 41'45	
direct	-11582 Oct 08 j 21:51	6° B 40'56		direct	-11581 Sep 22 j 02:08	20° II 09'55	
morning max el	-11582 Oct 21 j 21:24	14° B 08'42	26°45'24	morning max el	-11581 Oct 04 j 07:23	27° II 21'01	25°42'32
	-11582 Nov 03 j 23:06	0° Q			-11581 Oct 06 j 19:50	0° B	
desc. node	-11582 Nov 06 j 22:55	4° Q 16'40		desc. node	-11581 Oct 24 j 19:42	24° B 04'36	
	-11582 Nov 22 j 16:06	0° M			-11581 Oct 28 j 14:58	0° Q	
morning set	-11582 Nov 26 j 13:41	7° M 14'56		morning set	-11581 Nov 09 j 08:59	20° Q 01'13	
max. Earth dist.	-11582 Dec 01 j 00:14	15° M 55'45	1.34872 AU	max. Earth dist.	-11581 Nov 13 j 07:54	27° Q 22'52	1.36398 AU
					-11581 Nov 14 j 16:43	0° M	
superior conj	-11582 Dec 05 j 01:35	24° M 12'40	-1°30'24	superior conj	-11581 Nov 18 j 20:57	8° M 13'05	-1°37'50
minimum elong	-11582 Dec 05 j 03:17	24° M 21'30	1°30'11	minimum elong	-11581 Nov 18 j 21:40	8° M 16'43	1°37'32
	-11582 Dec 07 j 20:05	0° A		evening rise	-11581 Nov 26 j 18:36	24° M 18'01	
evening rise	-11582 Dec 12 j 12:23	9° A 47'48			-11581 Nov 29 j 14:54	0° A	
asc. node	-11582 Dec 17 j 07:03	19° A 22'45		asc. node	-11581 Dec 04 j 04:24	8° A 34'15	
	-11582 Dec 23 j 07:25	0° M		evening max el	-11581 Dec 14 j 18:33	23° A 13'41	19°59'36
evening max el	-11581 Jan 01 j 10:13	11° M 35'46	21°15'34	retrograde	-11581 Dec 24 j 18:31	27° A 55'48	
retrograde	-11581 Jan 13 j 00:10	17° M 02'56		evening set	-11581 Dec 27 j 08:48	27° A 38'14	
evening set	-11581 Jan 15 j 20:01	16° M 44'36		inferior conj	-11580 Jan 04 j 21:34	23° A 35'31	3°34'27
inferior conj	-11581 Jan 24 j 19:13	12° M 45'14	2°17'20	minimum elong	-11580 Jan 05 j 02:46	23° A 27'28	3°33'16
minimum elong	-11581 Jan 25 j 00:27	12° M 37'43	2°15'27	min. Earth dist.	-11580 Jan 07 j 01:28	22° A 15'29	0.56231 AU
min. Earth dist.	-11581 Jan 25 j 12:19	12° M 20'43	0.55496 AU	morning rise	-11580 Jan 13 j 18:50	19° A 01'32	
morning rise	-11581 Feb 03 j 04:07	8° M 32'34		direct	-11580 Jan 17 j 22:15	18° A 23'29	
desc. node	-11581 Feb 03 j 00:35	8° M 34'29		desc. node	-11580 Jan 20 j 21:21	18° A 43'30	
direct	-11581 Feb 06 j 02:45	8° M 13'21		morning max el	-11580 Jan 31 j 14:36	25° A 12'35	23°49'46
morning max el	-11581 Feb 18 j 21:25	14° M 26'21	22°13'17		-11580 Feb 05 j 00:44	0° M	
	-11581 Mar 02 j 14:32	0° X			-11580 Feb 23 j 02:29	0° X	
morning set	-11581 Mar 12 j 06:52	18° X 27'28		morning set	-11580 Feb 24 j 19:03	3° X 30'15	
asc. node	-11581 Mar 15 j 05:10	24° X 36'24		asc. node	-11580 Mar 01 j 02:18	14° X 49'40	
	-11581 Mar 17 j 18:17	0° B					
superior conj	-11581 Mar 19 j 13:57	3° B 50'23	0°40'20	superior conj	-11580 Mar 02 j 20:39	18° X 37'27	0°16'47
minimum elong	-11581 Mar 19 j 12:15	3° B 41'23	0°39'23	minimum elong	-11580 Mar 02 j 19:57	18° X 33'43	0°16'01
max. Earth dist.	-11581 Mar 22 j 15:44	10° B 13'55	1.34486 AU	max. Earth dist.	-11580 Mar 04 j 19:35	22° X 48'00	1.33586 AU
evening rise	-11581 Mar 27 j 15:33	20° B 12'57			-11580 Mar 08 j 06:10	0° B	
	-11581 Apr 01 j 20:37	0° B		evening rise	-11580 Mar 10 j 10:40	4° B 26'21	
	-11581 Apr 20 j 20:24	0° H			-11580 Mar 24 j 14:16	0° B	
evening max el	-11581 May 01 j 08:02	12° H 19'13	27°10'14	evening max el	-11580 Apr 12 j 18:02	25° B 14'42	27°27'07

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

desc. node	-11580 Apr 17 j 21:10	29° \approx 33'30		behind sun end	-11579 Feb 15 j 11:34	4° \approx 02'27	
	-11580 Apr 18 j 12:51	0° \mathbb{H}		asc. node	-11579 Feb 15 j 23:28	5° \approx 07'04	
retrograde	-11580 Apr 26 j 12:41	2° \mathbb{H} 48'31		max. Earth dist.	-11579 Feb 16 j 05:51	5° \approx 41'42	1.33024 AU
evening set	-11580 May 03 j 11:33	0° \mathbb{H} 16'36		evening rise	-11579 Feb 22 j 13:09	19° \approx 02'52	
	-11580 May 03 j 20:28	30° $\mathbb{R}\approx$			-11579 Feb 28 j 02:43	0° \mathbb{Z}	
min. Earth dist.	-11580 May 07 j 03:23	27° \approx 04'22	0.63140 AU		-11579 Mar 19 j 03:55	0° \approx	
inferior conj	-11580 May 09 j 20:50	24° \approx 16'09	-3°29'24	evening max el	-11579 Mar 26 j 00:32	7° \approx 39'00	27°11'53
minimum elong	-11580 May 09 j 21:11	24° \approx 15'15	3°29'48	desc. node	-11579 Apr 04 j 18:23	14° \approx 21'43	
morning rise	-11580 May 16 j 07:52	19° \approx 01'39		retrograde	-11579 Apr 09 j 01:04	15° \approx 09'44	
direct	-11580 May 19 j 02:06	18° \approx 24'21		evening set	-11579 Apr 15 j 17:32	13° \approx 03'48	
morning max el	-11580 May 25 j 14:25	21° \approx 47'02	18°03'56	min. Earth dist.	-11579 Apr 19 j 13:16	10° \approx 09'54	0.61262 AU
asc. node	-11580 May 28 j 02:19	24° \approx 36'13		inferior conj	-11579 Apr 22 j 18:01	7° \approx 15'59	-3°22'07
	-11580 May 31 j 22:02	0° \mathbb{H}		minimum elong	-11579 Apr 22 j 16:34	7° \approx 19'18	3°22'32
morning set	-11580 Jun 11 j 19:33	18° \mathbb{H} 25'29		morning rise	-11579 Apr 29 j 17:33	2° \approx 21'05	
	-11580 Jun 18 j 12:10	0° \mathbb{Y}		direct	-11579 May 02 j 07:24	1° \approx 52'45	
				morning max el	-11579 May 09 j 03:55	5° \approx 17'35	18°04'51
superior conj	-11580 Jun 24 j 04:13	9° \mathbb{Y} 32'46	1°39'43	asc. node	-11579 May 14 j 23:08	12° \approx 41'28	
minimum elong	-11580 Jun 24 j 08:33	9° \mathbb{Y} 50'46	1°39'34		-11579 May 24 j 23:02	0° \mathbb{H}	
max. Earth dist.	-11580 Jun 30 j 02:10	19° \mathbb{Y} 13'40	1.43447 AU	morning set	-11579 May 25 j 10:34	0° \mathbb{H} 52'35	
	-11580 Jul 06 j 20:31	0° \mathbb{B}					
evening rise	-11580 Jul 10 j 00:08	4° \mathbb{B} 55'35		superior conj	-11579 Jun 05 j 04:43	20° \mathbb{H} 10'48	1°49'12
desc. node	-11580 Jul 14 j 18:05	12° \mathbb{B} 15'19		minimum elong	-11579 Jun 05 j 05:21	20° \mathbb{H} 13'33	1°49'03
	-11580 Jul 26 j 14:45	0° \mathbb{II}			-11579 Jun 10 j 22:39	0° \mathbb{Y}	
evening max el	-11580 Aug 07 j 11:24	15° \mathbb{II} 18'57	20°39'18	max. Earth dist.	-11579 Jun 12 j 10:20	2° \mathbb{Y} 28'48	1.41996 AU
retrograde	-11580 Aug 15 j 12:41	20° \mathbb{II} 01'53		evening rise	-11579 Jun 19 j 04:47	13° \mathbb{Y} 28'35	
evening set	-11580 Aug 19 j 09:30	18° \mathbb{II} 36'18			-11579 Jun 29 j 21:22	0° \mathbb{B}	
asc. node	-11580 Aug 24 j 03:06	13° \mathbb{II} 24'04		desc. node	-11579 Jul 01 j 15:32	2° \mathbb{B} 37'22	
inferior conj	-11580 Aug 24 j 18:52	12° \mathbb{II} 30'56	0°12'31	evening max el	-11579 Jul 21 j 06:45	28° \mathbb{B} 41'23	21°52'57
minimum elong	-11580 Aug 24 j 18:35	12° \mathbb{II} 31'56	0°13'01		-11579 Jul 22 j 15:08	0° \mathbb{II}	
transit middle	-11580 Aug 24 j 18:35	12° \mathbb{II} 31'56	0°13'01	retrograde	-11579 Jul 30 j 08:20	4° \mathbb{II} 03'28	
transit begin	-11580 Aug 24 j 16:55	12° \mathbb{II} 37'33		evening set	-11579 Aug 03 j 18:02	2° \mathbb{II} 17'24	
transit end	-11580 Aug 24 j 20:14	12° \mathbb{II} 26'19			-11579 Aug 06 j 00:49	30° $\mathbb{R}\mathbb{B}$	
min. Earth dist.	-11580 Aug 25 j 11:05	11° \mathbb{II} 36'09	0.66766 AU	inferior conj	-11579 Aug 09 j 00:16	26° \mathbb{B} 06'01	-0°37'29
morning rise	-11580 Aug 30 j 03:30	6° \mathbb{II} 10'18		minimum elong	-11579 Aug 09 j 01:03	26° \mathbb{B} 03'20	0°36'38
direct	-11580 Sep 04 j 11:47	3° \mathbb{II} 54'26		min. Earth dist.	-11579 Aug 09 j 05:59	25° \mathbb{B} 46'16	0.67146 AU
morning max el	-11580 Sep 15 j 17:14	10° \mathbb{II} 37'03	24°24'45	asc. node	-11579 Aug 11 j 00:02	23° \mathbb{B} 24'23	
	-11580 Oct 01 j 03:53	0° \mathbb{B}		morning rise	-11579 Aug 14 j 07:57	19° \mathbb{B} 46'20	
desc. node	-11580 Oct 10 j 16:32	14° \mathbb{B} 13'55		direct	-11579 Aug 19 j 02:13	17° \mathbb{B} 48'34	
	-11580 Oct 20 j 07:49	0° \mathbb{Q}		morning max el	-11579 Aug 29 j 04:20	23° \mathbb{B} 52'55	23°00'48
morning set	-11580 Oct 21 j 08:02	1° \mathbb{Q} 44'11			-11579 Sep 03 j 13:09	0° \mathbb{II}	
max. Earth dist.	-11580 Oct 25 j 08:13	8° \mathbb{Q} 48'36	1.38252 AU		-11579 Sep 24 j 14:49	0° \mathbb{B}	
				desc. node	-11579 Sep 27 j 13:26	4° \mathbb{B} 37'28	
superior conj	-11580 Nov 01 j 05:09	21° \mathbb{Q} 35'38	-1°38'13	morning set	-11579 Oct 02 j 05:44	12° \mathbb{B} 11'14	
minimum elong	-11580 Nov 01 j 04:17	21° \mathbb{Q} 31'32	1°37'46	max. Earth dist.	-11579 Oct 07 j 07:06	20° \mathbb{B} 40'29	1.40237 AU
	-11580 Nov 05 j 12:46	0° \mathbb{H}			-11579 Oct 12 j 14:53	0° \mathbb{Q}	
evening rise	-11580 Nov 09 j 19:20	8° \mathbb{H} 27'03					
asc. node	-11580 Nov 20 j 01:45	27° \mathbb{H} 11'27		superior conj	-11579 Oct 14 j 21:28	4° \mathbb{Q} 06'33	-1°29'23
	-11580 Nov 21 j 23:15	0° \mathbb{Q}		minimum elong	-11579 Oct 14 j 18:39	3° \mathbb{Q} 53'44	1°28'39
evening max el	-11580 Nov 26 j 13:06	5° \mathbb{Q} 25'53	19°02'20	evening rise	-11579 Oct 24 j 11:47	22° \mathbb{Q} 06'56	
retrograde	-11580 Dec 05 j 03:30	9° \mathbb{Q} 33'00			-11579 Oct 28 j 16:16	0° \mathbb{H}	
evening set	-11580 Dec 07 j 15:30	9° \mathbb{Q} 13'35		asc. node	-11579 Nov 06 j 23:03	15° \mathbb{H} 02'38	
inferior conj	-11580 Dec 15 j 15:30	4° \mathbb{Q} 55'24	4°12'11	evening max el	-11579 Nov 09 j 16:32	18° \mathbb{H} 07'28	18°25'22
minimum elong	-11580 Dec 15 j 17:22	4° \mathbb{Q} 52'05	4°12'02	retrograde	-11579 Nov 17 j 06:01	21° \mathbb{H} 52'00	
min. Earth dist.	-11580 Dec 18 j 15:37	2° \mathbb{Q} 48'58	0.57631 AU	evening set	-11579 Nov 19 j 17:29	21° \mathbb{H} 29'05	
morning rise	-11580 Dec 23 j 17:12	29° \mathbb{H} 56'47		inferior conj	-11579 Nov 27 j 04:38	16° \mathbb{H} 50'23	4°14'12
	-11580 Dec 23 j 14:11	30° $\mathbb{R}\mathbb{H}$		minimum elong	-11579 Nov 27 j 03:05	16° \mathbb{H} 53'32	4°14'18
direct	-11580 Dec 29 j 04:37	28° \mathbb{H} 46'11		min. Earth dist.	-11579 Nov 30 j 09:45	14° \mathbb{H} 14'25	0.59403 AU
	-11579 Jan 03 j 19:30	0° \mathbb{Q}		morning rise	-11579 Dec 04 j 10:57	11° \mathbb{H} 30'14	
desc. node	-11579 Jan 06 j 18:04	1° \mathbb{Q} 33'46		direct	-11579 Dec 10 j 22:44	9° \mathbb{H} 41'27	
morning max el	-11579 Jan 12 j 05:28	5° \mathbb{Q} 55'56	25°22'57	desc. node	-11579 Dec 24 j 14:42	16° \mathbb{H} 40'15	
	-11579 Jan 29 j 17:35	0° \mathbb{M}		morning max el	-11579 Dec 24 j 23:56	17° \mathbb{H} 02'07	26°37'57
morning set	-11579 Feb 08 j 07:28	18° \mathbb{M} 35'29			-11578 Jan 04 j 18:41	0° \mathbb{Q}	
	-11579 Feb 13 j 15:00	0° \mathbb{Z}			-11578 Jan 22 j 00:26	0° \mathbb{M}	
				morning set	-11578 Jan 23 j 18:21	3° \mathbb{M} 36'10	
superior conj	-11579 Feb 15 j 06:45	3° \mathbb{Z} 36'17	-0°06'41				
minimum elong	-11579 Feb 15 j 07:03	3° \mathbb{Z} 37'55	0°07'12	superior conj	-11578 Jan 30 j 18:27	18° \mathbb{M} 40'15	-0°29'12
behind sun begin	-11579 Feb 15 j 02:32	3° \mathbb{Z} 13'22		minimum elong	-11578 Jan 30 j 19:36	18° \mathbb{M} 46'35	0°29'27

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

max. Earth dist.	-11578 Jan 30 j 19:03	18° \mathbb{M} 43'34	1.32785 AU	minimum elong	-11577 Jan 15 j 07:51	3° \mathbb{M} 52'34	0°50'06
asc. node	-11578 Feb 02 j 20:41	25° \mathbb{M} 24'27		asc. node	-11577 Jan 20 j 17:56	15° \mathbb{M} 37'19	
	-11578 Feb 05 j 00:02	0° \mathbb{A}		evening rise	-11577 Jan 22 j 06:41	18° \mathbb{M} 51'41	
evening rise	-11578 Feb 06 j 20:30	3° \mathbb{A} 53'52			-11577 Jan 27 j 19:38	0° \mathbb{A}	
	-11578 Feb 21 j 00:03	0° \mathbb{B}			-11577 Feb 17 j 05:27	0° \mathbb{B}	
evening max el	-11578 Mar 08 j 01:56	19° \mathbb{B} 26'45	26°24'27	evening max el	-11577 Feb 17 j 22:05	0° \mathbb{B} 40'20	25°10'01
retrograde	-11578 Mar 22 j 05:10	26° \mathbb{B} 48'59		retrograde	-11577 Mar 03 j 22:20	7° \mathbb{B} 45'29	
desc. node	-11578 Mar 22 j 15:30	26° \mathbb{B} 48'31		evening set	-11577 Mar 08 j 21:58	6° \mathbb{B} 47'47	
evening set	-11578 Mar 28 j 05:07	25° \mathbb{B} 17'32		desc. node	-11577 Mar 09 j 12:31	6° \mathbb{B} 33'17	
min. Earth dist.	-11578 Apr 01 j 15:20	22° \mathbb{B} 27'05	0.59267 AU	min. Earth dist.	-11577 Mar 14 j 11:38	3° \mathbb{B} 47'28	0.57436 AU
inferior conj	-11578 Apr 04 j 23:26	19° \mathbb{B} 49'20	-2°52'05	inferior conj	-11577 Mar 17 j 09:55	1° \mathbb{B} 47'35	-1°53'20
minimum elong	-11578 Apr 04 j 20:15	19° \mathbb{B} 55'40	2°52'09	minimum elong	-11577 Mar 17 j 06:23	1° \mathbb{B} 53'38	1°53'04
morning rise	-11578 Apr 12 j 14:16	15° \mathbb{B} 14'19			-11577 Mar 20 j 03:09	30° \mathbb{R} \mathbb{A}	
direct	-11578 Apr 14 j 23:48	14° \mathbb{B} 53'35		morning rise	-11577 Mar 25 j 18:01	27° \mathbb{A} 30'38	
morning max el	-11578 Apr 22 j 14:23	18° \mathbb{B} 33'52	18°24'48	direct	-11577 Mar 27 j 23:39	27° \mathbb{A} 15'35	
	-11578 Apr 30 j 23:28	0° \mathbb{A}			-11577 Apr 04 j 02:50	0° \mathbb{B}	
asc. node	-11578 May 01 j 19:57	1° \mathbb{A} 27'39		morning max el	-11577 Apr 05 j 18:45	1° \mathbb{B} 25'47	19°04'19
morning set	-11578 May 08 j 17:21	14° \mathbb{A} 08'57		asc. node	-11577 Apr 18 j 16:50	20° \mathbb{B} 44'44	
	-11578 May 17 j 03:02	0° \mathbb{H}		morning set	-11577 Apr 22 j 11:41	28° \mathbb{B} 03'38	
					-11577 Apr 23 j 11:19	0° \mathbb{A}	
superior conj	-11578 May 18 j 05:55	2° \mathbb{H} 03'40	1°45'44	superior conj	-11577 May 01 j 02:23	14° \mathbb{A} 56'25	1°33'15
minimum elong	-11578 May 18 j 04:00	1° \mathbb{H} 54'50	1°45'18	minimum elong	-11577 Apr 30 j 23:25	14° \mathbb{A} 42'11	1°32'30
max. Earth dist.	-11578 May 25 j 12:43	15° \mathbb{H} 01'21	1.40212 AU	max. Earth dist.	-11577 May 07 j 12:55	26° \mathbb{A} 58'03	1.38343 AU
evening rise	-11578 May 30 j 07:30	23° \mathbb{H} 07'00			-11577 May 09 j 05:24	0° \mathbb{H}	
	-11578 Jun 03 j 12:45	0° \mathbb{Y}		evening rise	-11577 May 11 j 13:47	4° \mathbb{H} 08'21	
desc. node	-11578 Jun 18 j 13:01	22° \mathbb{Y} 44'05			-11577 May 27 j 14:58	0° \mathbb{Y}	
	-11578 Jun 23 j 19:20	0° \mathbb{B}		desc. node	-11577 Jun 05 j 10:29	12° \mathbb{Y} 28'08	
evening max el	-11578 Jul 03 j 20:10	12° \mathbb{B} 01'37	23°14'01	evening max el	-11577 Jun 16 j 06:24	25° \mathbb{Y} 22'20	24°35'46
retrograde	-11578 Jul 14 j 01:27	18° \mathbb{B} 05'41			-11577 Jun 21 j 18:24	0° \mathbb{B}	
evening set	-11578 Jul 19 j 01:26	15° \mathbb{B} 58'30		retrograde	-11577 Jun 27 j 14:55	2° \mathbb{B} 04'26	
inferior conj	-11578 Jul 24 j 06:37	9° \mathbb{B} 43'44	-1°23'58		-11577 Jul 02 j 19:17	30° \mathbb{R} \mathbb{Y}	
minimum elong	-11578 Jul 24 j 08:15	9° \mathbb{B} 38'07	1°23'00	evening set	-11577 Jul 03 j 05:45	29° \mathbb{Y} 37'43	
min. Earth dist.	-11578 Jul 24 j 01:45	10° \mathbb{B} 00'32	0.67233 AU	min. Earth dist.	-11577 Jul 07 j 19:54	24° \mathbb{Y} 16'36	0.67003 AU
asc. node	-11578 Jul 28 j 20:53	4° \mathbb{B} 07'37		inferior conj	-11577 Jul 08 j 12:07	23° \mathbb{Y} 21'59	-2°05'40
morning rise	-11578 Jul 29 j 14:58	3° \mathbb{B} 28'44		minimum elong	-11577 Jul 08 j 14:18	23° \mathbb{Y} 14'35	2°04'47
direct	-11578 Aug 02 j 20:36	1° \mathbb{B} 49'11		morning rise	-11577 Jul 13 j 22:48	17° \mathbb{Y} 15'13	
morning max el	-11578 Aug 11 j 19:17	7° \mathbb{B} 10'49	21°38'53	asc. node	-11577 Jul 15 j 17:41	16° \mathbb{Y} 15'23	
	-11578 Aug 29 j 01:15	0° \mathbb{II}		direct	-11577 Jul 17 j 17:34	15° \mathbb{Y} 52'42	
morning set	-11578 Sep 12 j 01:36	21° \mathbb{II} 24'38		morning max el	-11577 Jul 25 j 16:14	20° \mathbb{Y} 33'45	20°25'29
desc. node	-11578 Sep 14 j 10:27	25° \mathbb{II} 10'50			-11577 Aug 02 j 06:39	0° \mathbb{B}	
	-11578 Sep 17 j 10:04	0° \mathbb{B}		morning set	-11577 Aug 22 j 05:30	29° \mathbb{B} 55'01	
max. Earth dist.	-11578 Sep 19 j 10:26	3° \mathbb{B} 18'10	1.42088 AU		-11577 Aug 22 j 06:47	0° \mathbb{II}	
superior conj	-11578 Sep 26 j 16:23	15° \mathbb{B} 32'03	-1°09'02	desc. node	-11577 Sep 01 j 07:36	15° \mathbb{II} 49'59	
minimum elong	-11578 Sep 26 j 12:07	15° \mathbb{B} 13'40	1°07'58	max. Earth dist.	-11577 Sep 01 j 20:27	16° \mathbb{II} 41'35	1.43538 AU
	-11578 Oct 04 j 20:18	0° \mathbb{O}		superior conj	-11577 Sep 07 j 08:41	25° \mathbb{II} 39'11	-0°35'54
evening rise	-11578 Oct 07 j 16:32	5° \mathbb{O} 09'56		minimum elong	-11577 Sep 07 j 05:17	25° \mathbb{II} 25'11	0°34'50
	-11578 Oct 22 j 23:25	0° \mathbb{O}			-11577 Sep 09 j 23:41	0° \mathbb{B}	
evening max el	-11578 Oct 24 j 02:19	1° \mathbb{O} 11'32	18°08'26	evening rise	-11577 Sep 20 j 05:03	17° \mathbb{B} 25'21	
asc. node	-11578 Oct 24 j 20:18	1° \mathbb{O} 54'15			-11577 Sep 27 j 12:23	0° \mathbb{O}	
retrograde	-11578 Oct 31 j 00:16	4° \mathbb{O} 45'06		evening max el	-11577 Oct 07 j 15:27	14° \mathbb{O} 30'36	18°10'42
evening set	-11578 Nov 02 j 12:53	4° \mathbb{O} 17'00		asc. node	-11577 Oct 11 j 17:30	17° \mathbb{O} 30'41	
	-11578 Nov 08 j 17:10	30° \mathbb{R} \mathbb{O}		retrograde	-11577 Oct 14 j 06:32	18° \mathbb{O} 03'33	
inferior conj	-11578 Nov 09 j 11:50	29° \mathbb{O} 16'52	3°51'10	evening set	-11577 Oct 16 j 22:11	17° \mathbb{O} 28'11	
minimum elong	-11578 Nov 09 j 08:25	29° \mathbb{O} 24'50	3°50'59	inferior conj	-11577 Oct 23 j 10:01	12° \mathbb{O} 08'14	3°12'47
min. Earth dist.	-11578 Nov 12 j 10:53	26° \mathbb{O} 32'07	0.61258 AU	minimum elong	-11577 Oct 23 j 06:14	12° \mathbb{O} 18'10	3°12'19
morning rise	-11578 Nov 16 j 02:40	23° \mathbb{O} 38'42		min. Earth dist.	-11577 Oct 25 j 21:29	9° \mathbb{O} 32'40	0.62967 AU
direct	-11578 Nov 23 j 02:43	21° \mathbb{O} 18'18		morning rise	-11577 Oct 29 j 13:25	6° \mathbb{O} 14'44	
morning max el	-11578 Dec 07 j 00:35	28° \mathbb{O} 45'26	27°23'15	direct	-11577 Nov 05 j 14:28	3° \mathbb{O} 35'48	
	-11578 Dec 08 j 06:38	0° \mathbb{O}		morning max el	-11577 Nov 19 j 06:53	11° \mathbb{O} 07'11	27°34'06
desc. node	-11578 Dec 11 j 11:20	3° \mathbb{O} 29'18		desc. node	-11577 Nov 28 j 07:59	21° \mathbb{O} 32'24	
	-11578 Dec 29 j 11:07	0° \mathbb{O}			-11577 Dec 04 j 08:44	0° \mathbb{O}	
morning set	-11577 Jan 08 j 01:46	18° \mathbb{O} 24'49			-11577 Dec 21 j 16:36	0° \mathbb{O}	
	-11577 Jan 13 j 13:02	0° \mathbb{M}		morning set	-11577 Dec 23 j 03:28	2° \mathbb{O} 53'41	
max. Earth dist.	-11577 Jan 14 j 07:37	1° \mathbb{M} 40'47	1.32882 AU	max. Earth dist.	-11577 Dec 28 j 15:58	14° \mathbb{O} 21'00	1.33338 AU
superior conj	-11577 Jan 15 j 06:04	3° \mathbb{M} 42'49	-0°50'04				

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11577 Dec 30 j 15:56	18° Ω 37'54	-1°08'31	morning set	-11576 Dec 05 j 20:30	16° \mathbb{M} 52'06	
minimum elong	-11577 Dec 30 j 18:02	18° Ω 49'13	1°08'23	max. Earth dist.	-11576 Dec 10 j 16:23	26° \mathbb{M} 32'43	1.34192 AU
	-11576 Jan 04 j 22:33	0° \mathbb{M}			-11576 Dec 12 j 08:24	0° Ω	
evening rise	-11576 Jan 06 j 17:59	3° \mathbb{M} 50'04					
asc. node	-11576 Jan 07 j 15:15	5° \mathbb{M} 41'08		superior conj	-11576 Dec 13 j 22:04	3° Ω 17'38	-1°23'39
	-11576 Jan 21 j 03:04	0° \mathbb{A}		minimum elong	-11576 Dec 14 j 00:04	3° Ω 28'10	1°23'26
evening max el	-11576 Jan 30 j 15:25	11° \mathbb{A} 34'02	23°39'17	evening rise	-11576 Dec 21 j 04:40	18° Ω 41'45	
retrograde	-11576 Feb 13 j 02:49	18° \mathbb{A} 10'21		asc. node	-11576 Dec 24 j 12:35	25° Ω 29'41	
evening set	-11576 Feb 17 j 00:51	17° \mathbb{A} 36'37			-11576 Dec 26 j 20:17	0° \mathbb{M}	
min. Earth dist.	-11576 Feb 24 j 04:14	14° \mathbb{A} 15'11	0.56081 AU	evening max el	-11575 Jan 11 j 10:44	22° \mathbb{M} 29'27	22°05'42
desc. node	-11576 Feb 24 j 09:25	14° \mathbb{A} 07'26		retrograde	-11575 Jan 23 j 20:41	28° \mathbb{M} 24'34	
inferior conj	-11576 Feb 26 j 00:56	13° \mathbb{A} 07'38	-0°25'10	evening set	-11575 Jan 26 j 23:15	28° \mathbb{M} 03'11	
minimum elong	-11576 Feb 25 j 23:53	13° \mathbb{A} 09'13	0°25'27	inferior conj	-11575 Feb 05 j 01:32	23° \mathbb{M} 57'08	1°19'43
morning rise	-11576 Mar 06 j 01:20	9° \mathbb{A} 03'02		minimum elong	-11575 Feb 05 j 04:53	23° \mathbb{M} 52'21	1°18'11
direct	-11576 Mar 08 j 05:51	8° \mathbb{A} 50'48		min. Earth dist.	-11575 Feb 04 j 18:52	24° \mathbb{M} 06'39	0.55462 AU
morning max el	-11576 Mar 18 j 14:10	13° \mathbb{A} 44'26	20°03'36	desc. node	-11575 Feb 10 j 06:16	21° \mathbb{M} 13'13	
	-11576 Mar 30 j 03:14	0° \mathbb{B}		morning rise	-11575 Feb 14 j 11:05	19° \mathbb{M} 52'16	
asc. node	-11576 Apr 04 j 13:49	10° \mathbb{B} 25'25		direct	-11575 Feb 16 j 22:51	19° \mathbb{M} 38'08	
morning set	-11576 Apr 05 j 14:12	12° \mathbb{B} 27'54		morning max el	-11575 Feb 28 j 22:36	25° \mathbb{M} 22'54	21°21'37
					-11575 Mar 05 j 03:08	0° \mathbb{A}	
superior conj	-11576 Apr 13 j 13:04	28° \mathbb{B} 35'37	1°15'04	morning set	-11575 Mar 20 j 22:10	27° \mathbb{A} 12'51	
minimum elong	-11576 Apr 13 j 10:10	28° \mathbb{B} 21'03	1°14'06	asc. node	-11575 Mar 22 j 10:52	0° \mathbb{B} 22'52	
	-11576 Apr 14 j 06:00	0° \approx			-11575 Mar 22 j 06:28	0° \mathbb{B}	
max. Earth dist.	-11576 Apr 18 j 16:46	8° \approx 40'41	1.36611 AU				
evening rise	-11576 Apr 22 j 20:00	16° \approx 23'55		superior conj	-11575 Mar 28 j 09:54	12° \mathbb{B} 48'51	0°53'33
	-11576 Apr 30 j 14:54	0° \mathbb{H}		minimum elong	-11575 Mar 28 j 07:39	12° \mathbb{B} 37'16	0°52'33
	-11576 May 20 j 23:31	0° \mathbb{Y}		max. Earth dist.	-11575 Apr 01 j 05:06	20° \mathbb{B} 33'32	1.35160 AU
desc. node	-11576 May 22 j 07:54	1° \mathbb{Y} 40'18		evening rise	-11575 Apr 05 j 20:21	29° \mathbb{B} 37'01	
evening max el	-11576 May 28 j 16:10	8° \mathbb{Y} 44'31	25°49'45		-11575 Apr 06 j 01:11	0° \approx	
retrograde	-11576 Jun 10 j 00:05	15° \mathbb{Y} 55'14			-11575 Apr 23 j 17:54	0° \mathbb{H}	
evening set	-11576 Jun 16 j 04:57	13° \mathbb{Y} 13'52		desc. node	-11575 May 09 j 05:16	20° \mathbb{H} 07'41	
min. Earth dist.	-11576 Jun 20 j 10:06	8° \mathbb{Y} 31'57	0.66420 AU	evening max el	-11575 May 11 j 02:40	22° \mathbb{H} 03'57	26°47'29
inferior conj	-11576 Jun 21 j 14:57	6° \mathbb{Y} 59'09	-2°41'09	retrograde	-11575 May 24 j 04:30	29° \mathbb{H} 31'57	
minimum elong	-11576 Jun 21 j 17:19	6° \mathbb{Y} 51'30	2°40'33	evening set	-11575 May 30 j 20:36	26° \mathbb{H} 44'31	
morning rise	-11576 Jun 27 j 05:44	1° \mathbb{Y} 03'49		min. Earth dist.	-11575 Jun 03 j 18:13	22° \mathbb{H} 41'31	0.65449 AU
	-11576 Jun 29 j 20:52	30° \mathbb{R} \mathbb{H}		inferior conj	-11575 Jun 05 j 13:03	20° \mathbb{H} 32'56	-3°08'39
direct	-11576 Jun 30 j 15:30	29° \mathbb{H} 56'33		minimum elong	-11575 Jun 05 j 15:07	20° \mathbb{H} 26'43	3°08'28
	-11576 Jul 01 j 10:20	0° \mathbb{Y}		morning rise	-11575 Jun 11 j 09:54	14° \mathbb{H} 51'41	
asc. node	-11576 Jul 01 j 14:30	0° \mathbb{Y} 01'41		direct	-11575 Jun 14 j 12:26	13° \mathbb{H} 57'37	
morning max el	-11576 Jul 07 j 19:47	4° \mathbb{Y} 03'45	19°24'52	asc. node	-11575 Jun 18 j 11:20	15° \mathbb{H} 20'15	
	-11576 Jul 26 j 01:11	0° \mathbb{B}		morning max el	-11575 Jun 21 j 04:57	17° \mathbb{H} 39'58	18°39'47
morning set	-11576 Jul 31 j 12:53	8° \mathbb{B} 36'55			-11575 Jun 30 j 08:24	0° \mathbb{Y}	
	-11576 Aug 14 j 02:29	0° \mathbb{H}		morning set	-11575 Jul 11 j 16:11	18° \mathbb{Y} 14'22	
max. Earth dist.	-11576 Aug 14 j 11:33	0° \mathbb{H} 35'59	1.44396 AU		-11575 Jul 18 j 22:51	0° \mathbb{B}	
superior conj	-11576 Aug 16 j 22:23	4° \mathbb{H} 29'48	0°07'36	superior conj	-11575 Jul 26 j 22:26	12° \mathbb{B} 43'15	0°52'25
minimum elong	-11576 Aug 16 j 23:22	4° \mathbb{H} 33'41	0°08'02	minimum elong	-11575 Jul 27 j 04:14	13° \mathbb{B} 06'12	0°52'11
behind sun begin	-11576 Aug 16 j 13:31	3° \mathbb{H} 54'26		max. Earth dist.	-11575 Jul 28 j 04:19	14° \mathbb{B} 41'35	1.44564 AU
behind sun end	-11576 Aug 17 j 09:13	5° \mathbb{H} 12'58		desc. node	-11575 Aug 05 j 02:08	27° \mathbb{B} 11'38	
desc. node	-11576 Aug 18 j 04:50	6° \mathbb{H} 31'13			-11575 Aug 06 j 20:44	0° \mathbb{H}	
evening rise	-11576 Aug 31 j 19:45	28° \mathbb{H} 39'09		evening rise	-11575 Aug 12 j 07:48	8° \mathbb{H} 39'06	
	-11576 Sep 01 j 15:20	0° \mathbb{B}			-11575 Aug 25 j 23:05	0° \mathbb{B}	
evening max el	-11576 Sep 20 j 04:55	27° \mathbb{B} 57'22	18°31'11	evening max el	-11575 Sep 03 j 15:54	11° \mathbb{B} 27'03	19°08'49
	-11576 Sep 22 j 12:30	0° \mathbb{Q}		retrograde	-11575 Sep 10 j 15:33	15° \mathbb{B} 25'31	
retrograde	-11576 Sep 26 j 20:46	1° \mathbb{Q} 38'46		evening set	-11575 Sep 13 j 19:51	14° \mathbb{B} 27'19	
asc. node	-11576 Sep 27 j 14:40	1° \mathbb{Q} 35'41		asc. node	-11575 Sep 14 j 11:47	14° \mathbb{B} 00'45	
evening set	-11576 Sep 29 j 17:35	0° \mathbb{Q} 53'32		inferior conj	-11575 Sep 19 j 14:05	8° \mathbb{B} 37'08	1°34'37
	-11576 Oct 01 j 03:15	30° \mathbb{R} \mathbb{B}		minimum elong	-11575 Sep 19 j 11:55	8° \mathbb{B} 43'53	1°34'28
inferior conj	-11576 Oct 05 j 19:47	25° \mathbb{B} 16'48	2°25'46	min. Earth dist.	-11575 Sep 21 j 00:06	6° \mathbb{B} 50'42	0.65564 AU
minimum elong	-11576 Oct 05 j 16:35	25° \mathbb{B} 26'05	2°25'20	morning rise	-11575 Sep 25 j 03:35	2° \mathbb{B} 22'17	
min. Earth dist.	-11576 Oct 07 j 18:15	23° \mathbb{B} 02'19	0.64415 AU		-11575 Sep 29 j 08:25	30° \mathbb{R} \mathbb{H}	
morning rise	-11576 Oct 11 j 14:58	19° \mathbb{B} 10'48		direct	-11575 Oct 01 j 10:03	29° \mathbb{H} 43'33	
direct	-11576 Oct 18 j 09:03	16° \mathbb{B} 26'39			-11575 Oct 03 j 13:53	0° \mathbb{B}	
morning max el	-11576 Oct 31 j 16:31	23° \mathbb{B} 58'15	27°11'35	morning max el	-11575 Oct 14 j 02:56	7° \mathbb{B} 06'28	26°21'09
	-11576 Nov 06 j 05:07	0° \mathbb{Q}		desc. node	-11575 Nov 01 j 01:28	29° \mathbb{B} 59'08	
desc. node	-11576 Nov 14 j 04:41	10° \mathbb{Q} 27'20			-11575 Nov 01 j 01:42	0° \mathbb{Q}	
	-11576 Nov 26 j 15:37	0° \mathbb{M}			-11575 Nov 18 j 23:13	0° \mathbb{M}	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

morning set	-11575 Nov 19 j 01:06	0° \mathbb{M} 08'45		desc. node	-11574 Oct 18 j 22:17	19° \mathfrak{G} 56'36	
max. Earth dist.	-11575 Nov 23 j 06:04	8° \mathbb{M} 12'26	1.35472 AU		-11574 Oct 25 j 05:34	0° \mathcal{Q}	
superior conj	-11575 Nov 27 j 22:11	17° \mathbb{M} 34'47	-1°34'18	morning set	-11574 Nov 01 j 12:26	12° \mathcal{Q} 29'31	
minimum elong	-11575 Nov 27 j 23:33	17° \mathbb{M} 41'45	1°34'03	max. Earth dist.	-11574 Nov 05 j 09:27	19° \mathcal{Q} 32'39	1.37148 AU
	-11575 Dec 03 j 22:06	0° \mathfrak{L}			-11574 Nov 10 j 20:56	0° \mathbb{M}	
evening rise	-11575 Dec 05 j 13:03	3° \mathfrak{L} 21'12		superior conj	-11574 Nov 11 j 13:15	1° \mathbb{M} 20'04	-1°38'59
asc. node	-11575 Dec 11 j 09:56	14° \mathfrak{L} 56'46		minimum elong	-11574 Nov 11 j 13:22	1° \mathbb{M} 20'41	1°38'39
	-11575 Dec 21 j 00:48	0° \mathbb{M}		evening rise	-11574 Nov 19 j 17:10	17° \mathbb{M} 42'30	
evening max el	-11575 Dec 24 j 13:26	3° \mathbb{M} 48'38	20°41'07		-11574 Nov 26 j 01:45	0° \mathfrak{L}	
retrograde	-11574 Jan 04 j 11:39	8° \mathbb{M} 56'14		asc. node	-11574 Nov 28 j 07:17	3° \mathfrak{L} 54'39	
evening set	-11574 Jan 07 j 04:09	8° \mathbb{M} 38'52		evening max el	-11574 Dec 07 j 02:15	15° \mathfrak{L} 41'44	19°32'55
inferior conj	-11574 Jan 15 j 23:27	4° \mathbb{M} 39'49	2°54'29	retrograde	-11574 Dec 16 j 11:03	20° \mathfrak{L} 07'07	
minimum elong	-11574 Jan 16 j 05:13	4° \mathbb{M} 31'19	2°52'43	evening set	-11574 Dec 19 j 00:04	19° \mathfrak{L} 49'04	
min. Earth dist.	-11574 Jan 17 j 08:42	3° \mathbb{M} 51'00	0.55713 AU	inferior conj	-11574 Dec 27 j 07:35	15° \mathfrak{L} 41'15	3°55'20
morning rise	-11574 Jan 25 j 04:52	0° \mathbb{M} 18'43		minimum elong	-11574 Dec 27 j 11:34	15° \mathfrak{L} 34'44	3°54'39
	-11574 Jan 26 j 21:02	30° \mathfrak{R} \mathfrak{L}		min. Earth dist.	-11574 Dec 29 j 22:18	13° \mathfrak{L} 59'34	0.56759 AU
desc. node	-11574 Jan 28 j 03:05	29° \mathfrak{L} 53'54		morning rise	-11573 Jan 04 j 20:55	10° \mathfrak{L} 56'25	
direct	-11574 Jan 28 j 14:15	29° \mathfrak{L} 53'24		direct	-11573 Jan 09 j 14:25	10° \mathfrak{L} 05'40	
	-11574 Jan 30 j 07:07	0° \mathbb{M}		desc. node	-11573 Jan 14 j 23:50	11° \mathfrak{L} 12'30	
morning max el	-11574 Feb 10 j 20:25	6° \mathbb{M} 24'14	22°53'47	morning max el	-11573 Jan 23 j 11:43	17° \mathfrak{L} 05'53	24°30'35
	-11574 Feb 27 j 06:34	0° \mathfrak{X}			-11573 Feb 02 j 22:50	0° \mathbb{M}	
morning set	-11574 Mar 05 j 09:20	12° \mathfrak{X} 10'58		morning set	-11573 Feb 17 j 21:49	27° \mathbb{M} 15'49	
asc. node	-11574 Mar 09 j 07:57	20° \mathfrak{X} 31'39			-11573 Feb 19 j 04:54	0° \mathfrak{X}	
				asc. node	-11573 Feb 24 j 05:04	10° \mathfrak{X} 47'25	
superior conj	-11574 Mar 12 j 13:42	27° \mathfrak{X} 26'03	0°30'23	superior conj	-11573 Feb 24 j 22:06	12° \mathfrak{X} 19'29	0°06'48
minimum elong	-11574 Mar 12 j 12:25	27° \mathfrak{X} 19'14	0°29'30	minimum elong	-11573 Feb 24 j 21:50	12° \mathfrak{X} 18'04	0°06'08
	-11574 Mar 13 j 18:49	0° \mathfrak{Z}		behind sun begin	-11573 Feb 24 j 17:06	11° \mathfrak{X} 52'29	
max. Earth dist.	-11574 Mar 15 j 03:28	2° \mathfrak{Z} 51'09	1.34059 AU	behind sun end	-11573 Feb 25 j 02:34	12° \mathfrak{X} 43'39	
evening rise	-11574 Mar 20 j 09:47	13° \mathfrak{Z} 32'17		max. Earth dist.	-11573 Feb 26 j 10:23	15° \mathfrak{X} 34'53	1.33308 AU
	-11574 Mar 29 j 06:54	0° \approx		evening rise	-11573 Mar 04 j 08:25	27° \mathfrak{X} 57'28	
	-11574 Apr 18 j 17:35	0° \mathfrak{H}			-11573 Mar 05 j 08:49	0° \mathfrak{Z}	
evening max el	-11574 Apr 23 j 13:19	5° \mathfrak{H} 11'20	27°21'08		-11573 Mar 22 j 13:35	0° \approx	
desc. node	-11574 Apr 26 j 02:36	7° \mathfrak{H} 31'30		evening max el	-11573 Apr 05 j 22:18	17° \approx 55'51	27°24'44
retrograde	-11574 May 07 j 03:31	12° \mathfrak{H} 45'55		desc. node	-11573 Apr 12 j 23:51	23° \approx 26'16	
evening set	-11574 May 14 j 01:48	10° \mathfrak{H} 04'33		retrograde	-11573 Apr 19 j 20:08	25° \approx 28'55	
min. Earth dist.	-11574 May 17 j 18:29	6° \mathfrak{H} 36'03	0.64083 AU	evening set	-11573 Apr 26 j 17:14	23° \approx 06'56	
inferior conj	-11574 May 20 j 03:54	3° \mathfrak{H} 58'43	-3°25'44	min. Earth dist.	-11573 Apr 30 j 09:49	20° \approx 03'52	0.62368 AU
minimum elong	-11574 May 20 j 05:04	3° \mathfrak{H} 55'31	3°25'57	inferior conj	-11573 May 03 j 08:34	17° \approx 10'57	-3°28'45
	-11574 May 24 j 04:26	30° \mathfrak{R} \approx		minimum elong	-11573 May 03 j 08:12	17° \approx 11'52	3°29'11
morning rise	-11574 May 26 j 09:02	28° \approx 33'50		morning rise	-11573 May 10 j 00:32	12° \approx 04'21	
direct	-11574 May 29 j 05:53	27° \approx 50'59		direct	-11573 May 12 j 16:47	11° \approx 31'02	
	-11574 Jun 03 j 07:19	0° \mathfrak{H}		morning max el	-11573 May 19 j 07:35	14° \approx 53'29	18°01'57
morning max el	-11574 Jun 04 j 17:40	1° \mathfrak{H} 18'08	18°11'47	asc. node	-11573 May 23 j 04:57	19° \approx 32'21	
asc. node	-11574 Jun 05 j 08:09	1° \mathfrak{H} 55'37			-11573 May 29 j 19:37	0° \mathfrak{H}	
morning set	-11574 Jun 22 j 20:50	29° \mathfrak{H} 02'06		morning set	-11573 Jun 05 j 00:43	10° \mathfrak{H} 56'38	
	-11574 Jun 23 j 10:28	0° \mathcal{Y}			-11573 Jun 15 j 22:23	0° \mathcal{Y}	
superior conj	-11574 Jul 06 j 07:04	21° \mathcal{Y} 23'02	1°27'03	superior conj	-11573 Jun 16 j 15:54	1° \mathcal{Y} 14'20	1°45'35
minimum elong	-11574 Jul 06 j 13:09	21° \mathcal{Y} 47'44	1°26'47	minimum elong	-11573 Jun 16 j 18:38	1° \mathcal{Y} 25'52	1°45'28
max. Earth dist.	-11574 Jul 10 j 19:28	28° \mathcal{Y} 39'20	1.44037 AU	max. Earth dist.	-11573 Jun 23 j 06:57	12° \mathcal{Y} 15'09	1.42891 AU
	-11574 Jul 11 j 15:42	0° \mathfrak{B}		evening rise	-11573 Jul 01 j 18:44	25° \mathcal{Y} 48'44	
evening rise	-11574 Jul 22 j 18:28	17° \mathfrak{B} 28'08			-11573 Jul 04 j 11:18	0° \mathfrak{B}	
desc. node	-11574 Jul 22 j 23:30	17° \mathfrak{B} 47'40		desc. node	-11573 Jul 09 j 20:54	8° \mathfrak{B} 15'58	
	-11574 Jul 30 j 21:30	0° \mathbb{I}			-11573 Jul 24 j 22:13	0° \mathbb{I}	
greatest brilliancy	-11574 Aug 04 j 13:53	7° \mathbb{I} 05'12	-0.7m	evening max el	-11573 Jul 31 j 21:29	8° \mathbb{I} 20'44	21°09'27
evening max el	-11574 Aug 17 j 21:58	24° \mathbb{I} 55'26	20°02'17	retrograde	-11573 Aug 09 j 08:27	13° \mathbb{I} 19'10	
retrograde	-11574 Aug 25 j 12:07	29° \mathbb{I} 19'39		evening set	-11573 Aug 13 j 10:32	11° \mathbb{I} 45'11	
evening set	-11574 Aug 29 j 02:14	28° \mathbb{I} 05'05		inferior conj	-11573 Aug 18 j 18:22	5° \mathbb{I} 37'12	-0°09'03
asc. node	-11574 Sep 01 j 08:50	24° \mathbb{I} 55'11		minimum elong	-11573 Aug 18 j 18:33	5° \mathbb{I} 36'35	0°08'23
inferior conj	-11574 Sep 03 j 14:19	22° \mathbb{I} 04'37	0°42'17	transit middle	-11573 Aug 18 j 18:33	5° \mathbb{I} 36'35	0°08'23
minimum elong	-11574 Sep 03 j 13:21	22° \mathbb{I} 07'49	0°42'33	transit begin	-11573 Aug 18 j 16:13	5° \mathbb{I} 44'34	
min. Earth dist.	-11574 Sep 04 j 12:52	20° \mathbb{I} 50'04	0.66413 AU	transit end	-11573 Aug 18 j 20:53	5° \mathbb{I} 28'36	
morning rise	-11574 Sep 09 j 00:11	15° \mathbb{I} 44'53		asc. node	-11573 Aug 19 j 05:48	4° \mathbb{I} 58'06	
direct	-11574 Sep 14 j 16:50	13° \mathbb{I} 19'07		min. Earth dist.	-11573 Aug 19 j 06:09	4° \mathbb{I} 56'56	0.66969 AU
morning max el	-11574 Sep 26 j 12:40	20° \mathbb{I} 20'14	25°10'41		-11573 Aug 23 j 07:29	30° \mathfrak{R} \mathfrak{B}	
	-11574 Oct 04 j 21:04	0° \mathfrak{G}					

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

morning rise	-11573 Aug 24 j 02:23	29° 8 16'34		min. Earth dist.	-11572 Aug 02 j 01:37	19° 8 09'12	0.67225 AU
direct	-11573 Aug 29 j 04:43	27° 8 08'01		asc. node	-11572 Aug 05 j 02:41	15° 8 09'54	
	-11573 Sep 04 j 22:54	0° II		morning rise	-11572 Aug 07 j 08:10	12° 8 55'37	
morning max el	-11573 Sep 08 j 22:30	3° II 34'53	23°49'10	direct	-11572 Aug 11 j 20:55	11° 8 05'43	
	-11573 Sep 29 j 03:17	0° ☾		morning max el	-11572 Aug 21 j 10:57	16° 8 51'21	22°25'20
desc. node	-11573 Oct 05 j 19:08	10° ☾ 12'13			-11572 Sep 01 j 02:47	0° II	
morning set	-11573 Oct 14 j 01:05	23° ☾ 40'16			-11572 Sep 21 j 05:53	0° ☾	
	-11573 Oct 17 j 17:19	0° ♏		desc. node	-11572 Sep 21 j 16:05	0° ☾ 40'35	
max. Earth dist.	-11573 Oct 18 j 08:03	1° ♏ 04'40	1.39094 AU	morning set	-11572 Sep 23 j 11:25	3° ☾ 34'26	
				max. Earth dist.	-11572 Sep 29 j 08:55	13° ☾ 17'27	1.41059 AU
superior conj	-11573 Oct 25 j 15:19	14° ♏ 22'08	-1°35'45	superior conj	-11572 Oct 06 j 23:19	26° ☾ 27'24	-1°22'18
minimum elong	-11573 Oct 25 j 13:39	14° ♏ 14'17	1°35'12	minimum elong	-11572 Oct 06 j 19:44	26° ☾ 11'29	1°21'24
	-11573 Nov 02 j 18:15	0° ♐			-11572 Oct 08 j 22:41	0° ♏	
evening rise	-11573 Nov 03 j 14:40	1° ♐ 39'24		evening rise	-11572 Oct 17 j 02:41	15° ♏ 05'11	
asc. node	-11573 Nov 15 j 04:36	22° ♐ 13'28			-11572 Oct 25 j 08:27	0° ♐	
evening max el	-11573 Nov 20 j 00:53	28° ♐ 07'10	18°44'12	asc. node	-11572 Nov 01 j 01:53	9° ♐ 41'10	
	-11573 Nov 22 j 06:57	0° ♑		evening max el	-11572 Nov 02 j 07:21	10° ♐ 59'06	18°15'44
retrograde	-11573 Nov 28 j 03:13	2° ♑ 02'48		retrograde	-11572 Nov 09 j 13:06	14° ♐ 37'51	
evening set	-11573 Nov 30 j 15:03	1° ♑ 41'55		evening set	-11572 Nov 12 j 00:52	14° ♐ 12'53	
	-11573 Dec 04 j 10:13	30° ♐ ♐		inferior conj	-11572 Nov 19 j 06:39	9° ♐ 24'35	4°06'55
inferior conj	-11573 Dec 08 j 09:30	27° ♐ 15'22	4°16'49	minimum elong	-11572 Nov 19 j 04:06	9° ♐ 30'06	4°06'55
minimum elong	-11573 Dec 08 j 09:47	27° ♐ 14'49	4°16'53	min. Earth dist.	-11572 Nov 22 j 10:00	6° ♐ 42'44	0.60193 AU
min. Earth dist.	-11573 Dec 11 j 13:28	24° ♐ 54'05	0.58356 AU	morning rise	-11572 Nov 26 j 05:51	3° ♐ 56'29	
morning rise	-11573 Dec 16 j 02:39	22° ♐ 07'33		direct	-11572 Dec 03 j 00:15	1° ♐ 53'19	
direct	-11573 Dec 22 j 02:02	20° ♐ 40'34		morning max el	-11572 Dec 17 j 00:21	9° ♐ 16'25	27°01'26
desc. node	-11572 Jan 01 j 20:31	25° ♐ 04'27		desc. node	-11572 Dec 18 j 17:10	10° ♐ 58'33	
morning max el	-11572 Jan 05 j 03:15	27° ♐ 55'08	25°57'55		-11571 Jan 02 j 00:13	0° ♑	
	-11572 Jan 07 j 04:41	0° ♑		morning set	-11571 Jan 16 j 19:30	27° ♑ 16'28	
	-11572 Jan 27 j 05:57	0° ♒			-11571 Jan 18 j 02:46	0° ♒	
morning set	-11572 Feb 02 j 09:49	12° ♒ 19'58					
superior conj	-11572 Feb 09 j 09:04	27° ♒ 21'13	-0°16'22	superior conj	-11571 Jan 23 j 20:55	12° ♒ 25'03	-0°38'18
minimum elong	-11572 Feb 09 j 09:46	27° ♒ 24'58	0°16'46	minimum elong	-11571 Jan 23 j 22:23	12° ♒ 33'02	0°38'26
max. Earth dist.	-11572 Feb 09 j 22:32	28° ♒ 34'35	1.32887 AU	max. Earth dist.	-11571 Jan 23 j 12:06	11° ♒ 36'51	1.32787 AU
	-11572 Feb 10 j 14:13	0° ♓		asc. node	-11571 Jan 27 j 23:29	21° ♒ 21'09	
asc. node	-11572 Feb 11 j 02:15	1° ♓ 05'19		evening rise	-11571 Jan 30 j 22:03	27° ♒ 36'00	
evening rise	-11572 Feb 16 j 13:16	12° ♓ 41'26			-11571 Feb 01 j 01:49	0° ♓	
	-11572 Feb 25 j 13:02	0° ♑			-11571 Feb 18 j 07:04	0° ♑	
evening max el	-11572 Mar 18 j 03:01	0° ≈ 05'50	26°55'29	evening max el	-11571 Feb 28 j 01:58	11° ♑ 37'25	25°55'27
	-11572 Mar 18 j 00:36	0° ≈		retrograde	-11571 Mar 14 j 04:23	18° ♑ 53'26	
desc. node	-11572 Mar 29 j 21:01	7° ≈ 18'36		desc. node	-11571 Mar 16 j 18:06	18° ♑ 37'08	
retrograde	-11572 Apr 01 j 04:53	7° ≈ 32'40		evening set	-11571 Mar 19 j 19:00	17° ♑ 36'44	
evening set	-11572 Apr 07 j 15:36	5° ≈ 41'04		min. Earth dist.	-11571 Mar 24 j 15:10	14° ♑ 43'50	0.58459 AU
min. Earth dist.	-11572 Apr 11 j 16:11	2° ≈ 50'21	0.60423 AU	inferior conj	-11571 Mar 27 j 21:08	12° ♑ 19'44	-2°30'54
inferior conj	-11572 Apr 14 j 23:30	0° ≈ 00'52	-3°12'33	minimum elong	-11571 Mar 27 j 17:32	12° ♑ 26'27	2°30'47
minimum elong	-11572 Apr 14 j 21:15	0° ≈ 05'44	3°12'52	morning rise	-11571 Apr 04 j 19:13	7° ♑ 53'02	
	-11572 Apr 14 j 23:54	30° ♑ ♑		direct	-11571 Apr 07 j 03:09	7° ♑ 34'54	
morning rise	-11572 Apr 22 j 05:11	25° ♑ 14'08		morning max el	-11571 Apr 15 j 04:19	11° ♑ 25'33	18°39'11
direct	-11572 Apr 24 j 17:20	24° ♑ 49'04		asc. node	-11571 Apr 25 j 22:35	26° ♑ 56'10	
morning max el	-11572 May 01 j 20:05	28° ♑ 18'36	18°10'55		-11571 Apr 27 j 14:40	0° ≈	
	-11572 May 03 j 10:30	0° ≈		morning set	-11571 May 01 j 11:09	7° ≈ 19'56	
asc. node	-11572 May 09 j 01:44	7° ≈ 56'07		superior conj	-11571 May 10 j 13:34	24° ≈ 45'43	1°41'19
morning set	-11572 May 17 j 23:01	23° ≈ 46'18		minimum elong	-11571 May 10 j 11:02	24° ≈ 33'52	1°40'45
	-11572 May 21 j 07:32	0° ♒			-11571 May 13 j 09:34	0° ♒	
superior conj	-11572 May 28 j 03:29	12° ♒ 25'30	1°49'04	max. Earth dist.	-11571 May 17 j 14:05	7° ♒ 30'47	1.39415 AU
minimum elong	-11572 May 28 j 02:50	12° ♒ 22'37	1°48'49	evening rise	-11571 May 21 j 21:39	14° ♒ 57'53	
max. Earth dist.	-11572 Jun 04 j 13:03	25° ♒ 14'38	1.41273 AU		-11571 May 31 j 03:26	0° ♑	
	-11572 Jun 07 j 09:29	0° ♑		desc. node	-11571 Jun 12 j 15:48	18° ♑ 30'01	
evening rise	-11572 Jun 10 j 07:14	4° ♑ 44'59			-11571 Jun 21 j 12:23	0° ♑	
desc. node	-11572 Jun 25 j 18:20	28° ♑ 32'09		evening max el	-11571 Jun 26 j 01:43	5° ♑ 01'38	23°49'08
	-11572 Jun 26 j 18:30	0° ♑		retrograde	-11571 Jul 06 j 18:47	11° ♑ 22'57	
evening max el	-11572 Jul 13 j 14:11	21° ♑ 42'22	22°26'54	evening set	-11571 Jul 12 j 01:11	9° ♑ 06'46	
retrograde	-11572 Jul 23 j 03:04	27° ♑ 21'40		inferior conj	-11571 Jul 17 j 06:34	2° ♑ 51'12	-1°42'21
evening set	-11572 Jul 27 j 18:50	25° ♑ 26'26		minimum elong	-11571 Jul 17 j 08:28	2° ♑ 44'40	1°41'24
inferior conj	-11572 Aug 02 j 00:23	19° ♑ 13'28	-0°57'42	min. Earth dist.	-11571 Jul 16 j 20:54	3° ♑ 24'18	0.67175 AU
minimum elong	-11572 Aug 02 j 01:33	19° ♑ 09'26	0°56'48		-11571 Jul 19 j 10:06	30° ♑ ♑	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

morning rise	-11571 Jul 22 j 15:44	26° Υ 39'31		direct	-11570 Jul 10 j 14:00	9° Υ 11'43	
asc. node	-11571 Jul 22 j 23:31	26° Υ 25'12		morning max el	-11570 Jul 18 j 04:18	13° Υ 37'53	19°57'53
direct	-11571 Jul 26 j 16:25	25° Υ 07'39			-11570 Jul 30 j 10:59	0° \mathcal{B}	
	-11571 Aug 03 j 23:57	0° \mathcal{B}		morning set	-11570 Aug 13 j 01:23	20° \mathcal{B} 52'09	
morning max el	-11571 Aug 04 j 04:25	0° \mathcal{B} 11'26	21°06'23		-11570 Aug 18 j 21:28	0° Π	
	-11571 Aug 25 j 21:25	0° Π		max. Earth dist.	-11570 Aug 25 j 03:21	9° Π 53'15	1.43982 AU
morning set	-11571 Sep 02 j 22:34	12° Π 23'56		desc. node	-11570 Aug 26 j 10:19	11° Π 57'04	
desc. node	-11571 Sep 08 j 13:08	21° Π 16'39					
max. Earth dist.	-11571 Sep 11 j 15:22	26° Π 16'30	1.42764 AU	superior conj	-11570 Aug 29 j 11:42	16° Π 52'26	-0°18'19
	-11571 Sep 13 j 21:55	0° \mathcal{E}		minimum elong	-11570 Aug 29 j 09:46	16° Π 44'37	0°17'28
					-11570 Sep 06 j 11:24	0° \mathcal{E}	
superior conj	-11571 Sep 18 j 07:19	7° \mathcal{E} 19'54	-0°56'31	evening rise	-11570 Sep 12 j 05:08	9° \mathcal{E} 40'07	
minimum elong	-11571 Sep 18 j 03:01	7° \mathcal{E} 01'43	0°55'22		-11570 Sep 24 j 12:31	0° Ω	
evening rise	-11571 Sep 30 j 01:11	27° \mathcal{E} 49'21		evening max el	-11570 Sep 30 j 08:29	7° Ω 32'25	18°17'16
	-11571 Oct 01 j 06:28	0° Ω		asc. node	-11570 Oct 05 j 20:20	11° Ω 01'20	
evening max el	-11571 Oct 16 j 18:51	24° Ω 09'35	18°07'05	retrograde	-11570 Oct 06 j 23:07	11° Ω 07'55	
asc. node	-11571 Oct 18 j 23:08	26° Ω 02'24		evening set	-11570 Oct 09 j 16:37	10° Ω 28'51	
retrograde	-11571 Oct 23 j 13:05	27° Ω 42'09		inferior conj	-11570 Oct 16 j 00:11	5° Ω 01'39	2°53'33
evening set	-11571 Oct 26 j 02:37	27° Ω 11'22		minimum elong	-11570 Oct 15 j 20:34	5° Ω 11'36	2°53'04
inferior conj	-11571 Nov 01 j 20:40	22° Ω 02'25	3°36'20	min. Earth dist.	-11570 Oct 18 j 06:17	2° Ω 33'34	0.63622 AU
minimum elong	-11571 Nov 01 j 16:56	22° Ω 11'36	3°35'59		-11570 Oct 20 j 20:13	30° \mathcal{R} \mathcal{E}	
min. Earth dist.	-11571 Nov 04 j 15:09	19° Ω 19'35	0.62007 AU	morning rise	-11570 Oct 21 j 23:43	29° \mathcal{E} 02'18	
morning rise	-11571 Nov 08 j 06:08	16° Ω 17'03		direct	-11570 Oct 28 j 22:40	26° \mathcal{E} 19'13	
direct	-11571 Nov 15 j 07:35	13° Ω 47'07			-11570 Nov 07 j 00:19	0° Ω	
morning max el	-11571 Nov 29 j 03:54	21° Ω 17'04	27°32'11	morning max el	-11570 Nov 11 j 11:53	3° Ω 52'14	27°28'13
desc. node	-11571 Dec 05 j 13:50	28° Ω 21'44		desc. node	-11570 Nov 22 j 10:31	16° Ω 48'50	
	-11571 Dec 06 j 21:12	0° \mathcal{N}			-11570 Dec 01 j 07:59	0° \mathcal{N}	
	-11571 Dec 25 j 21:55	0° \mathcal{E}		morning set	-11570 Dec 15 j 23:12	26° \mathcal{N} 14'14	
morning set	-11570 Jan 01 j 00:48	11° \mathcal{E} 57'27			-11570 Dec 17 j 20:09	0° \mathcal{E}	
max. Earth dist.	-11570 Jan 06 j 23:18	24° \mathcal{E} 27'40	1.33025 AU	max. Earth dist.	-11570 Dec 21 j 04:24	6° \mathcal{E} 54'54	1.33644 AU
superior conj	-11570 Jan 08 j 08:00	27° \mathcal{E} 24'37	-0°58'15	superior conj	-11570 Dec 23 j 16:33	12° \mathcal{E} 13'43	-1°15'25
minimum elong	-11570 Jan 08 j 09:58	27° \mathcal{E} 35'18	0°58'12	minimum elong	-11570 Dec 23 j 18:40	12° \mathcal{E} 25'01	1°15'15
	-11570 Jan 09 j 12:37	0° \mathcal{M}		evening rise	-11570 Dec 30 j 20:07	27° \mathcal{E} 29'39	
asc. node	-11570 Jan 14 j 20:48	11° \mathcal{M} 30'23			-11569 Jan 01 j 01:01	0° \mathcal{M}	
evening rise	-11570 Jan 15 j 08:53	12° \mathcal{M} 34'04		asc. node	-11569 Jan 01 j 18:09	1° \mathcal{M} 28'00	
	-11570 Jan 24 j 07:44	0° \mathcal{A}			-11569 Jan 19 j 05:14	0° \mathcal{A}	
evening max el	-11570 Feb 09 j 20:13	22° \mathcal{A} 39'07	24°32'37	evening max el	-11569 Jan 22 j 13:47	3° \mathcal{A} 30'29	22°59'08
retrograde	-11570 Feb 23 j 16:44	29° \mathcal{A} 34'35		retrograde	-11569 Feb 04 j 16:21	9° \mathcal{A} 50'39	
evening set	-11570 Feb 28 j 05:06	28° \mathcal{A} 48'27		evening set	-11569 Feb 08 j 04:38	9° \mathcal{A} 23'44	
desc. node	-11570 Mar 03 j 15:04	27° \mathcal{A} 18'20		min. Earth dist.	-11569 Feb 16 j 01:37	5° \mathcal{A} 49'09	0.55706 AU
min. Earth dist.	-11570 Mar 06 j 09:38	25° \mathcal{A} 40'29	0.56778 AU	inferior conj	-11569 Feb 17 j 06:58	5° \mathcal{A} 06'13	0°18'40
inferior conj	-11570 Mar 08 j 23:08	24° \mathcal{A} 01'16	-1°19'12	minimum elong	-11569 Feb 17 j 07:44	5° \mathcal{A} 05'06	0°17'51
minimum elong	-11570 Mar 08 j 20:17	24° \mathcal{A} 05'54	1°19'01	desc. node	-11569 Feb 18 j 11:59	4° \mathcal{A} 24'01	
morning rise	-11570 Mar 17 j 14:38	19° \mathcal{A} 51'01		morning rise	-11569 Feb 26 j 12:30	1° \mathcal{A} 03'03	
direct	-11570 Mar 19 j 19:00	19° \mathcal{A} 37'43		direct	-11569 Feb 28 j 18:27	0° \mathcal{A} 50'50	
morning max el	-11570 Mar 29 j 05:21	24° \mathcal{A} 04'54	19°27'12	morning max el	-11569 Mar 11 j 20:15	6° \mathcal{A} 06'41	20°34'42
	-11570 Apr 03 j 05:54	0° \mathcal{B}			-11569 Mar 27 j 14:14	0° \mathcal{B}	
asc. node	-11570 Apr 12 j 19:31	16° \mathcal{B} 24'08		morning set	-11569 Mar 30 j 14:30	6° \mathcal{B} 02'02	
morning set	-11570 Apr 15 j 09:22	21° \mathcal{B} 28'20		asc. node	-11569 Mar 30 j 16:32	6° \mathcal{B} 12'24	
	-11570 Apr 19 j 15:40	0° \approx					
				superior conj	-11569 Apr 07 j 08:09	21° \mathcal{B} 55'11	1°06'15
superior conj	-11570 Apr 23 j 16:43	8° \approx 00'25	1°26'05	minimum elong	-11569 Apr 07 j 05:28	21° \mathcal{B} 41'34	1°05'14
minimum elong	-11570 Apr 23 j 13:40	7° \approx 45'32	1°25'14		-11569 Apr 11 j 09:13	0° \approx	
max. Earth dist.	-11570 Apr 29 j 14:44	19° \approx 17'02	1.37573 AU	max. Earth dist.	-11569 Apr 11 j 21:34	1° \approx 00'24	1.35951 AU
evening rise	-11570 May 03 j 14:51	26° \approx 33'05		evening rise	-11569 Apr 16 j 05:30	9° \approx 15'25	
	-11570 May 05 j 13:54	0° \mathcal{H}			-11569 Apr 28 j 05:06	0° \mathcal{H}	
	-11570 May 24 j 14:46	0° Υ		desc. node	-11569 May 17 j 10:40	26° \mathcal{H} 57'26	
desc. node	-11570 May 30 j 13:15	8° Υ 02'12			-11569 May 20 j 04:25	0° Υ	
evening max el	-11570 Jun 08 j 11:20	18° Υ 22'54	25°08'39	evening max el	-11569 May 21 j 21:30	1° Υ 45'17	26°16'50
retrograde	-11570 Jun 20 j 06:43	25° Υ 19'24		retrograde	-11569 Jun 03 j 14:00	9° Υ 04'52	
evening set	-11570 Jun 26 j 03:38	22° Υ 45'33		evening set	-11569 Jun 09 j 23:57	6° Υ 19'57	
min. Earth dist.	-11570 Jun 30 j 13:45	17° Υ 40'50	0.66797 AU	min. Earth dist.	-11569 Jun 14 j 01:46	1° Υ 54'30	0.66055 AU
inferior conj	-11570 Jul 01 j 11:12	16° Υ 29'42	-2°21'36	inferior conj	-11569 Jun 15 j 12:19	0° Υ 06'10	-2°53'57
minimum elong	-11570 Jul 01 j 13:31	16° Υ 22'00	2°20'49	minimum elong	-11569 Jun 15 j 14:38	29° \mathcal{H} 58'55	2°53'30
morning rise	-11570 Jul 06 j 23:25	10° Υ 27'21			-11569 Jun 15 j 14:17	30° \mathcal{R} \mathcal{H}	
asc. node	-11570 Jul 09 j 20:19	9° Υ 14'48		morning rise	-11569 Jun 21 j 05:25	24° \mathcal{H} 16'11	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

direct	-11569 Jun 24 j 11:53	23° H 14'43		morning max el	-11568 Jun 13 j 21:13	10° H 47'33	18°25'40
asc. node	-11569 Jun 26 j 17:08	23° H 41'42			-11568 Jun 27 j 04:33	0° Y	
morning max el	-11569 Jul 01 j 10:21	27° H 10'25	19°03'34	morning set	-11568 Jul 03 j 05:54	10° Y 01'11	
	-11569 Jul 03 j 22:06	0° Y			-11568 Jul 15 j 11:54	0° B	
morning set	-11569 Jul 23 j 15:50	29° Y 53'44					
	-11569 Jul 23 j 17:25	0° B		superior conj	-11568 Jul 17 j 18:11	3° B 37'08	1°08'55
max. Earth dist.	-11569 Aug 07 j 19:10	23° B 53'09	1.44560 AU	minimum elong	-11568 Jul 18 j 00:46	4° B 03'24	1°08'36
				max. Earth dist.	-11568 Jul 20 j 12:08	7° B 59'31	1.44431 AU
superior conj	-11569 Aug 08 j 17:15	25° B 20'35	0°27'09	desc. node	-11568 Jul 30 j 04:53	23° B 17'13	
minimum elong	-11569 Aug 08 j 20:34	25° B 33'43	0°27'16	evening rise	-11568 Aug 03 j 09:17	29° B 50'55	
	-11569 Aug 11 j 15:45	0° II			-11568 Aug 03 j 11:36	0° II	
desc. node	-11569 Aug 13 j 07:35	2° II 38'18		greatest brilliancy	-11568 Aug 13 j 15:25	15° II 49'08	-0.7m
evening rise	-11569 Aug 24 j 08:50	20° II 23'04			-11568 Aug 23 j 10:09	0° B	
	-11569 Aug 30 j 07:12	0° B		evening max el	-11568 Aug 27 j 06:30	4° B 31'10	19°29'44
evening max el	-11569 Sep 13 j 21:17	21° B 01'22	18°45'14	retrograde	-11568 Sep 03 j 11:18	8° B 39'07	
retrograde	-11569 Sep 20 j 15:31	24° B 48'37		evening set	-11568 Sep 06 j 19:37	7° B 34'10	
asc. node	-11569 Sep 22 j 17:27	24° B 24'09		asc. node	-11568 Sep 08 j 14:31	6° B 08'02	
evening set	-11569 Sep 23 j 15:18	23° B 58'13		inferior conj	-11568 Sep 12 j 10:59	1° B 39'09	1°12'23
inferior conj	-11569 Sep 29 j 13:55	18° B 15'36	2°04'20	minimum elong	-11568 Sep 12 j 09:20	1° B 44'29	1°12'25
minimum elong	-11569 Sep 29 j 11:07	18° B 23'59	2°04'00	min. Earth dist.	-11568 Sep 13 j 15:56	0° B 06'13	0.65965 AU
min. Earth dist.	-11569 Oct 01 j 07:02	16° B 12'23	0.64947 AU		-11568 Sep 13 j 17:54	30° R II	
morning rise	-11569 Oct 05 j 06:25	12° B 05'38		morning rise	-11568 Sep 17 j 22:45	25° II 22'00	
direct	-11569 Oct 11 j 20:10	9° B 22'26		direct	-11568 Sep 23 j 23:31	22° II 48'19	
morning max el	-11569 Oct 24 j 21:51	16° B 51'15	26°53'03		-11568 Oct 06 j 06:53	0° B	
	-11569 Nov 05 j 00:10	0° Q		morning max el	-11568 Oct 06 j 08:00	0° B 02'46	25°53'10
desc. node	-11569 Nov 09 j 07:16	6° Q 01'15		desc. node	-11568 Oct 26 j 04:01	25° B 45'02	
	-11569 Nov 24 j 02:39	0° M			-11568 Oct 28 j 22:11	0° Q	
morning set	-11569 Nov 29 j 11:28	9° M 56'36		morning set	-11568 Nov 11 j 09:19	22° Q 50'55	
max. Earth dist.	-11569 Dec 04 j 00:20	18° M 52'18	1.34682 AU		-11568 Nov 15 j 04:55	0° M	
				max. Earth dist.	-11568 Nov 15 j 09:36	0° M 22'27	1.36145 AU
superior conj	-11569 Dec 07 j 20:29	26° M 45'26	-1°28'47				
minimum elong	-11569 Dec 07 j 22:17	26° M 54'48	1°28'35	superior conj	-11568 Nov 20 j 17:08	10° M 50'12	-1°37'08
	-11569 Dec 09 j 09:41	0° A		minimum elong	-11568 Nov 20 j 18:03	10° M 54'49	1°36'51
evening rise	-11569 Dec 15 j 06:04	12° A 17'16		evening rise	-11568 Nov 28 j 12:53	26° M 49'54	
asc. node	-11569 Dec 19 j 15:30	21° A 08'29			-11568 Nov 30 j 02:27	0° A	
	-11569 Dec 24 j 12:10	0° M		asc. node	-11568 Dec 05 j 12:50	10° A 24'18	
evening max el	-11568 Jan 04 j 11:55	14° M 34'57	21°28'09	evening max el	-11568 Dec 16 j 18:41	26° A 07'33	20°09'47
retrograde	-11568 Jan 16 j 07:09	20° M 09'14			-11568 Dec 22 j 11:22	0° M	
evening set	-11568 Jan 19 j 04:32	19° M 50'17		retrograde	-11568 Dec 27 j 00:21	0° M 56'08	
inferior conj	-11568 Jan 28 j 04:49	15° M 49'49	2°02'53	evening set	-11568 Dec 29 j 15:05	0° M 38'42	
minimum elong	-11568 Jan 28 j 09:40	15° M 42'52	2°01'01		-11568 Dec 31 j 19:01	30° R A	
min. Earth dist.	-11568 Jan 28 j 15:50	15° M 34'05	0.55463 AU	inferior conj	-11567 Jan 07 j 05:38	26° A 37'14	3°25'12
desc. node	-11568 Feb 05 j 08:50	11° M 57'52		minimum elong	-11567 Jan 07 j 11:06	26° A 28'52	3°23'51
morning rise	-11568 Feb 06 j 14:21	11° M 39'41		min. Earth dist.	-11567 Jan 09 j 05:01	25° A 25'12	0.56076 AU
direct	-11568 Feb 09 j 09:49	11° M 22'06		morning rise	-11567 Jan 16 j 05:22	22° A 06'48	
morning max el	-11568 Feb 21 j 23:48	17° M 27'55	21°59'28	direct	-11567 Jan 20 j 03:49	21° A 32'37	
	-11568 Mar 02 j 19:18	0° A		desc. node	-11567 Jan 22 j 05:37	21° A 42'24	
morning set	-11568 Mar 14 j 00:06	20° A 53'34		morning max el	-11567 Feb 02 j 18:02	28° A 17'19	23°35'12
asc. node	-11568 Mar 16 j 13:37	26° A 15'21			-11567 Feb 04 j 10:52	0° M	
	-11568 Mar 18 j 08:11	0° B			-11567 Feb 23 j 14:51	0° A	
superior conj	-11568 Mar 21 j 08:16	6° B 19'29	0°43'52	morning set	-11567 Feb 26 j 12:02	5° A 55'15	
minimum elong	-11568 Mar 21 j 06:25	6° B 09'46	0°42'53	asc. node	-11567 Mar 03 j 10:44	16° A 27'31	
max. Earth dist.	-11568 Mar 24 j 14:29	13° B 04'04	1.34653 AU	superior conj	-11567 Mar 05 j 14:16	21° A 04'04	0°20'22
evening rise	-11568 Mar 29 j 12:00	22° B 48'17		minimum elong	-11567 Mar 05 j 13:24	20° A 59'31	0°19'34
	-11568 Apr 02 j 07:34	0° A		max. Earth dist.	-11567 Mar 07 j 16:59	25° A 33'56	1.33699 AU
	-11568 Apr 20 j 21:14	0° H			-11567 Mar 09 j 19:46	0° B	
desc. node	-11568 May 03 j 08:01	15° H 00'28		evening rise	-11567 Mar 13 j 05:43	6° B 57'02	
evening max el	-11568 May 03 j 08:30	15° H 01'40	27°05'09		-11567 Mar 25 j 21:20	0° A	
retrograde	-11568 May 16 j 16:00	22° H 32'38		evening max el	-11567 Apr 15 j 18:39	28° A 00'13	27°26'32
evening set	-11568 May 23 j 11:30	19° H 46'28			-11567 Apr 17 j 22:40	0° H	
min. Earth dist.	-11568 May 27 j 06:44	15° H 58'49	0.64921 AU	desc. node	-11567 Apr 20 j 05:18	1° H 49'57	
inferior conj	-11568 May 29 j 07:40	13° H 37'09	-3°17'23	retrograde	-11567 Apr 29 j 12:12	5° H 34'32	
minimum elong	-11568 May 29 j 09:26	13° H 32'03	3°17'22	evening set	-11567 May 06 j 11:15	2° H 59'36	
morning rise	-11568 Jun 04 j 07:44	8° H 02'25			-11567 May 09 j 20:34	30° R A	
direct	-11568 Jun 07 j 07:47	7° H 13'09		min. Earth dist.	-11567 May 10 j 03:04	29° A 43'37	0.63394 AU
asc. node	-11568 Jun 12 j 13:57	9° H 34'40		inferior conj	-11567 May 12 j 18:33	26° A 57'41	-3°29'00

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

minimum elong	-11567 May 12 j 19:08	26° \approx 56'09	3°29'22	minimum elong	-11566 Apr 25 j 16:36	10° \approx 03'28	3°25'02
morning rise	-11567 May 19 j 03:59	21° \approx 40'34		morning rise	-11566 May 02 j 15:15	5° \approx 02'52	
direct	-11567 May 21 j 22:51	21° \approx 01'53		direct	-11566 May 05 j 05:40	4° \approx 33'20	
morning max el	-11567 May 28 j 10:46	24° \approx 25'18	18°05'25	morning max el	-11566 May 12 j 00:28	7° \approx 57'15	18°03'30
asc. node	-11567 May 30 j 10:44	26° \approx 37'52		asc. node	-11566 May 17 j 07:32	14° \approx 35'52	
	-11567 Jun 01 j 23:46	0° H			-11566 May 26 j 09:12	0° H	
morning set	-11567 Jun 14 j 20:57	21° H 18'40		morning set	-11566 May 28 j 09:12	3° H 37'22	
	-11567 Jun 19 j 21:58	0° Y					
superior conj	-11567 Jun 27 j 12:04	12° Y 44'32	1°36'58	superior conj	-11566 Jun 08 j 08:31	23° H 10'19	1°48'42
minimum elong	-11567 Jun 27 j 16:56	13° Y 04'37	1°36'45	minimum elong	-11566 Jun 08 j 09:40	23° H 15'17	1°48'34
max. Earth dist.	-11567 Jul 03 j 02:29	21° Y 51'57	1.43617 AU	max. Earth dist.	-11566 Jun 12 j 08:32	0° Y	
	-11567 Jul 08 j 04:58	0° B			-11566 Jun 15 j 11:19	5° Y 11'49	1.42238 AU
evening rise	-11567 Jul 13 j 13:00	8° B 21'14		evening rise	-11566 Jun 22 j 15:43	16° Y 48'33	
desc. node	-11567 Jul 17 j 02:15	13° B 50'42		desc. node	-11566 Jul 01 j 04:03	0° B	
	-11567 Jul 27 j 18:54	0° II			-11566 Jul 03 j 23:41	4° B 14'24	
evening max el	-11567 Aug 10 j 09:52	17° II 58'34	20°29'15	evening max el	-11566 Jul 22 j 23:20	0° II	
retrograde	-11567 Aug 18 j 08:06	22° II 36'34		retrograde	-11566 Jul 24 j 06:15	1° II 21'35	21°41'23
evening set	-11567 Aug 22 j 03:06	21° II 13'55		evening set	-11566 Aug 02 j 04:00	6° II 37'29	
asc. node	-11567 Aug 26 j 11:30	16° II 35'00		asc. node	-11566 Aug 06 j 11:38	4° II 54'43	
inferior conj	-11567 Aug 27 j 13:06	15° II 09'39	0°20'18	inferior conj	-11566 Aug 10 j 20:04	30° R B	
minimum elong	-11567 Aug 27 j 12:38	15° II 11'13	0°20'44	minimum elong	-11566 Aug 11 j 18:13	28° B 44'06	-0°30'03
min. Earth dist.	-11567 Aug 28 j 06:55	14° II 09'43	0.66684 AU	min. Earth dist.	-11566 Aug 11 j 18:50	28° B 41'57	0°29'17
morning rise	-11567 Sep 01 j 22:00	8° II 49'02		asc. node	-11566 Aug 12 j 01:31	28° B 18'55	0.67109 AU
direct	-11567 Sep 07 j 08:23	6° II 30'33		morning rise	-11566 Aug 13 j 08:25	26° B 33'58	
morning max el	-11567 Sep 18 j 17:49	13° II 18'29	24°36'55	direct	-11566 Aug 17 j 01:55	22° B 23'58	
	-11567 Oct 02 j 07:07	0° E		morning max el	-11566 Aug 21 j 22:14	20° B 23'21	
desc. node	-11567 Oct 13 j 00:50	15° E 51'16			-11566 Sep 01 j 04:28	26° B 33'53	23°13'17
	-11567 Oct 21 j 17:39	0° O			-11566 Sep 04 j 07:51	0° II	
morning set	-11567 Oct 24 j 11:40	4° O 43'45		desc. node	-11566 Sep 25 j 22:15	0° E	
max. Earth dist.	-11567 Oct 28 j 10:25	11° O 45'06	1.37960 AU	morning set	-11566 Sep 29 j 21:43	6° E 12'52	
				max. Earth dist.	-11566 Oct 05 j 13:21	15° E 22'21	
superior conj	-11567 Nov 04 j 03:11	24° O 18'25	-1°38'43		-11566 Oct 10 j 08:50	23° E 30'18	1.39943 AU
minimum elong	-11567 Nov 04 j 02:36	24° O 15'36	1°38'18		-11566 Oct 14 j 01:48	0° O	
	-11567 Nov 07 j 01:11	0° np		superior conj	-11566 Oct 17 j 22:14	6° O 57'56	-1°31'27
evening rise	-11567 Nov 12 j 14:30	11° np 01'49		minimum elong	-11566 Oct 17 j 19:42	6° O 46'22	1°30'45
asc. node	-11567 Nov 22 j 10:08	29° np 06'52		evening rise	-11566 Oct 27 j 08:22	24° O 46'18	
	-11567 Nov 22 j 23:39	0° u			-11566 Oct 30 j 02:17	0° np	
evening max el	-11567 Nov 29 j 11:41	8° u 14'14	19°09'38	asc. node	-11566 Nov 09 j 07:25	17° np 05'37	
retrograde	-11567 Dec 08 j 06:40	12° u 25'48		evening max el	-11566 Nov 12 j 13:58	20° np 52'03	18°29'38
evening set	-11567 Dec 10 j 18:49	12° u 06'50		retrograde	-11566 Nov 20 j 06:27	24° np 38'57	
inferior conj	-11567 Dec 18 j 20:47	7° u 51'35	4°08'57	evening set	-11566 Nov 22 j 17:59	24° np 16'37	
minimum elong	-11567 Dec 18 j 23:14	7° u 47'20	4°08'43	inferior conj	-11566 Nov 30 j 07:01	19° np 41'16	4°15'48
min. Earth dist.	-11567 Dec 21 j 19:00	5° u 50'58	0.57389 AU	minimum elong	-11566 Nov 30 j 05:54	19° np 43'29	4°15'54
morning rise	-11567 Dec 27 j 01:31	2° u 56'18		min. Earth dist.	-11566 Dec 03 j 12:19	17° np 08'19	0.59125 AU
direct	-11566 Jan 01 j 08:24	1° u 51'07		morning rise	-11566 Dec 07 j 16:00	14° np 24'13	
desc. node	-11566 Jan 09 j 02:20	4° u 08'42		direct	-11566 Dec 14 j 01:03	12° np 40'49	
morning max el	-11566 Jan 15 j 08:46	8° u 59'03	25°09'51	desc. node	-11566 Dec 26 j 23:01	18° np 56'51	
	-11566 Jan 31 j 00:58	0° m		morning max el	-11566 Dec 28 j 02:20	20° np 00'17	26°28'29
morning set	-11566 Feb 11 j 00:30	21° m 00'21			-11565 Jan 05 j 17:13	0° u	
	-11566 Feb 15 j 05:23	0° x			-11565 Jan 23 j 12:59	0° m	
superior conj	-11566 Feb 17 j 23:57	6° x 01'33	-0°03'11	morning set	-11565 Jan 26 j 11:46	6° m 02'27	
minimum elong	-11566 Feb 18 j 00:06	6° x 02'24	0°03'43	superior conj	-11565 Feb 02 j 11:32	21° m 05'35	-0°25'53
behind sun begin	-11566 Feb 17 j 19:10	5° x 35'37		minimum elong	-11565 Feb 02 j 12:35	21° m 11'17	0°26'09
behind sun end	-11566 Feb 18 j 05:02	6° x 29'11		max. Earth dist.	-11565 Feb 02 j 15:26	21° m 26'50	1.32799 AU
asc. node	-11566 Feb 18 j 07:54	6° x 44'42		asc. node	-11565 Feb 05 j 05:05	27° m 02'32	
max. Earth dist.	-11566 Feb 19 j 02:23	8° x 24'48	1.33086 AU		-11565 Feb 06 j 14:00	0° x	
evening rise	-11566 Feb 25 j 07:15	21° x 30'40		evening rise	-11565 Feb 09 j 14:02	6° x 20'32	
	-11566 Mar 01 j 14:04	0° Z			-11565 Feb 22 j 05:35	0° Z	
	-11566 Mar 20 j 00:13	0° \approx		evening max el	-11565 Mar 11 j 04:09	22° Z 23'53	26°33'28
evening max el	-11566 Mar 29 j 01:46	10° \approx 29'40	27°16'15	desc. node	-11565 Mar 24 j 23:40	29° Z 47'12	
desc. node	-11566 Apr 07 j 02:32	16° \approx 56'38		retrograde	-11565 Mar 25 j 07:16	29° Z 47'28	
retrograde	-11566 Apr 12 j 01:49	18° \approx 01'28		evening set	-11565 Mar 31 j 10:13	28° Z 10'48	
evening set	-11566 Apr 18 j 19:46	15° \approx 51'00		min. Earth dist.	-11565 Apr 04 j 17:35	25° Z 20'38	0.59566 AU
min. Earth dist.	-11566 Apr 22 j 14:20	12° \approx 55'12	0.61552 AU	inferior conj	-11565 Apr 08 j 01:48	22° Z 39'09	-2°58'25
inferior conj	-11566 Apr 25 j 17:46	10° \approx 00'45	-3°24'35	minimum elong	-11565 Apr 07 j 22:50	22° Z 45'12	2°58'33

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

morning rise	-11565 Apr 15 j 14:10	18° Z 00'59		morning rise	-11564 Mar 27 j 20:45	0° Z 23'48	
direct	-11565 Apr 18 j 00:21	17° Z 39'11		direct	-11564 Mar 30 j 03:01	0° Z 07'58	
morning max el	-11565 Apr 25 j 11:34	21° Z 16'21	18°20'31	morning max el	-11564 Apr 07 j 17:02	4° Z 12'31	18°57'07
	-11565 May 02 j 04:40	0° \approx		asc. node	-11564 Apr 20 j 01:19	22° Z 29'57	
asc. node	-11565 May 04 j 04:24	3° \approx 16'48			-11564 Apr 23 j 23:13	0° \approx	
morning set	-11565 May 11 j 13:57	16° \approx 47'17		morning set	-11564 Apr 24 j 06:50	0° \approx 37'10	
	-11565 May 18 j 14:35	0° X					
superior conj	-11565 May 21 j 06:22	4° X 52'47	1°46'55	superior conj	-11564 May 03 j 00:21	17° \approx 37'43	1°35'35
minimum elong	-11565 May 21 j 04:44	4° X 45'18	1°46'33	minimum elong	-11564 May 02 j 21:27	17° \approx 23'56	1°34'52
max. Earth dist.	-11565 May 28 j 14:33	17° X 51'04	1.40496 AU	max. Earth dist.	-11564 May 09 j 14:58	29° \approx 53'04	1.38622 AU
evening rise	-11565 Jun 02 j 14:30	26° X 15'15			-11564 May 09 j 16:31	0° X	
	-11565 Jun 04 j 21:33	0° Y		evening rise	-11564 May 13 j 16:48	7° X 04'27	
desc. node	-11565 Jun 20 j 21:08	24° Y 23'33			-11564 May 27 j 21:02	0° Y	
	-11565 Jun 24 j 20:59	0° Z		desc. node	-11564 Jun 06 j 18:35	14° Y 11'33	
evening max el	-11565 Jul 06 j 20:30	14° Z 42'01	23°01'45	evening max el	-11564 Jun 18 j 07:03	28° Y 02'42	24°23'52
retrograde	-11565 Jul 16 j 21:30	20° Z 39'35			-11564 Jun 20 j 08:32	0° Z	
evening set	-11565 Jul 21 j 19:19	18° Z 35'32		retrograde	-11564 Jun 29 j 11:34	4° Z 39'26	
inferior conj	-11565 Jul 27 j 00:32	12° Z 21'17	-1°17'12	evening set	-11564 Jul 05 j 00:16	2° Z 15'19	
minimum elong	-11565 Jul 27 j 02:03	12° Z 16'02	1°16'15		-11564 Jul 07 j 04:17	30° R Y	
min. Earth dist.	-11565 Jul 26 j 21:18	12° Z 32'27	0.67242 AU	min. Earth dist.	-11564 Jul 09 j 15:50	26° Y 48'39	0.67059 AU
asc. node	-11565 Jul 31 j 05:17	7° Z 07'07		inferior conj	-11564 Jul 10 j 06:19	25° Y 59'38	-1°59'45
morning rise	-11565 Aug 01 j 08:41	6° Z 05'24		minimum elong	-11564 Jul 10 j 08:26	25° Y 52'25	1°58'50
direct	-11565 Aug 05 j 16:08	4° Z 23'07		morning rise	-11564 Jul 15 j 16:33	19° Y 51'36	
morning max el	-11565 Aug 14 j 18:38	9° Z 50'51	21°50'40	asc. node	-11564 Jul 17 j 02:09	19° Y 00'43	
	-11565 Aug 30 j 06:15	0° II		direct	-11564 Jul 19 j 12:49	18° Y 26'42	
morning set	-11565 Sep 15 j 12:44	24° II 45'25		morning max el	-11564 Jul 27 j 14:42	23° Y 13'15	20°35'43
desc. node	-11565 Sep 16 j 18:43	26° II 44'56			-11564 Aug 02 j 06:39	0° Z	
	-11565 Sep 18 j 19:11	0° III			-11564 Aug 22 j 14:33	0° II	
max. Earth dist.	-11565 Sep 22 j 11:26	6° III 01'23	1.41832 AU	morning set	-11564 Aug 24 j 17:59	3° II 19'26	
				desc. node	-11564 Sep 02 j 15:49	17° II 23'26	
superior conj	-11565 Sep 29 j 20:45	18° III 34'24	-1°12'57	max. Earth dist.	-11564 Sep 03 j 20:50	19° II 20'08	1.43354 AU
minimum elong	-11565 Sep 29 j 16:37	18° III 16'23	1°11'55				
	-11565 Oct 06 j 06:58	0° IV		superior conj	-11564 Sep 09 j 17:15	28° II 53'47	-0°41'41
evening rise	-11565 Oct 10 j 15:10	7° IV 55'32		minimum elong	-11564 Sep 09 j 13:29	28° II 38'11	0°40'36
	-11565 Oct 23 j 15:56	0° V			-11564 Sep 10 j 09:12	0° III	
evening max el	-11565 Oct 26 j 23:02	3° V 53'31	18°09'44	evening rise	-11564 Sep 22 j 06:29	20° III 19'16	
asc. node	-11565 Oct 27 j 04:41	4° V 07'21			-11564 Sep 27 j 19:55	0° IV	
retrograde	-11565 Nov 02 j 22:39	7° V 27'58		evening max el	-11564 Oct 09 j 11:53	17° IV 10'51	18°09'10
evening set	-11565 Nov 05 j 11:03	7° V 00'41		asc. node	-11564 Oct 13 j 01:55	19° IV 56'25	
inferior conj	-11565 Nov 12 j 11:43	2° V 03'34	3°55'53	retrograde	-11564 Oct 16 j 03:32	20° IV 43'28	
minimum elong	-11565 Nov 12 j 08:28	2° V 10'59	3°55'44	evening set	-11564 Oct 18 j 18:35	20° IV 09'20	
	-11565 Nov 14 j 17:40	30° R IV		inferior conj	-11564 Oct 25 j 07:58	14° IV 52'01	3°19'17
min. Earth dist.	-11565 Nov 15 j 12:06	29° IV 19'02	0.60985 AU	minimum elong	-11564 Oct 25 j 04:10	15° IV 01'51	3°18'51
morning rise	-11565 Nov 19 j 04:36	26° IV 28'03		min. Earth dist.	-11564 Oct 27 j 21:15	12° IV 14'15	0.62726 AU
direct	-11565 Nov 26 j 03:37	24° IV 11'44		morning rise	-11564 Oct 31 j 12:49	9° IV 00'33	
	-11565 Dec 08 j 07:29	0° VI		direct	-11564 Nov 07 j 14:13	6° IV 23'38	
morning max el	-11565 Dec 10 j 02:01	1° VI 37'38	27°18'45	morning max el	-11564 Nov 21 j 07:45	13° IV 54'33	27°34'42
desc. node	-11565 Dec 13 j 19:40	5° VI 32'37		desc. node	-11564 Nov 29 j 16:21	23° IV 26'09	
	-11565 Dec 30 j 19:39	0° VII			-11564 Dec 04 j 11:34	0° V	
morning set	-11564 Jan 10 j 19:51	20° VII 53'27			-11564 Dec 22 j 04:52	0° VI	
	-11564 Jan 15 j 03:19	0° VIII		morning set	-11564 Dec 24 j 22:35	5° VI 25'41	
max. Earth dist.	-11564 Jan 17 j 04:25	4° VIII 25'58	1.32846 AU	max. Earth dist.	-11564 Dec 30 j 13:43	17° VI 09'38	1.33249 AU
superior conj	-11564 Jan 17 j 23:17	6° VIII 08'46	-0°47'03	superior conj	-11563 Jan 01 j 09:32	21° VI 05'02	-1°05'55
minimum elong	-11564 Jan 18 j 01:00	6° VIII 18'07	0°47'06	minimum elong	-11563 Jan 01 j 11:37	21° VI 16'16	1°05'49
asc. node	-11564 Jan 23 j 02:21	17° VIII 16'27			-11563 Jan 05 j 12:31	0° VII	
evening rise	-11564 Jan 24 j 23:56	21° VIII 17'56		evening rise	-11563 Jan 08 j 11:12	6° VII 16'21	
	-11564 Jan 29 j 06:45	0° IX		asc. node	-11563 Jan 08 j 23:40	7° VII 21'40	
	-11564 Feb 17 j 11:58	0° X			-11563 Jan 21 j 05:14	0° VIII	
evening max el	-11564 Feb 21 j 01:03	3° X 42'07	25°22'27	evening max el	-11563 Feb 01 j 18:24	14° VIII 36'33	23°53'13
retrograde	-11564 Mar 06 j 02:01	10° X 50'10		retrograde	-11563 Feb 15 j 08:29	21° VIII 18'19	
desc. node	-11564 Mar 10 j 20:43	9° X 56'25		evening set	-11563 Feb 19 j 10:09	20° VIII 41'42	
evening set	-11564 Mar 11 j 05:43	9° X 47'49		desc. node	-11563 Feb 25 j 17:42	17° VIII 44'40	
min. Earth dist.	-11564 Mar 16 j 14:30	6° X 49'51	0.57692 AU	min. Earth dist.	-11563 Feb 26 j 07:22	17° VIII 24'12	0.56241 AU
inferior conj	-11564 Mar 19 j 15:16	4° X 43'12	-2°04'18	inferior conj	-11563 Feb 28 j 08:58	16° VIII 08'08	-0°40'05
minimum elong	-11564 Mar 19 j 11:38	4° X 49'35	2°04'02	minimum elong	-11563 Feb 28 j 07:21	16° VIII 10'37	0°40'12
				morning rise	-11563 Mar 09 j 07:15	12° VIII 02'35	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

direct	-11563 Mar 11 j 11:33	11° ♁ 50'11		min. Earth dist.	-11562 Feb 07 j 22:22	27° ♁ 19'21	0.55495 AU
morning max el	-11563 Mar 21 j 13:58	16° ♁ 36'26	19°53'36	desc. node	-11562 Feb 12 j 14:35	24° ♁ 46'10	
	-11563 Mar 31 j 10:54	0° ♁		morning rise	-11562 Feb 17 j 20:00	22° ♁ 57'12	
asc. node	-11563 Apr 06 j 22:17	12° ♁ 07'22		direct	-11562 Feb 20 j 05:41	22° ♁ 43'52	
morning set	-11563 Apr 08 j 08:19	14° ♁ 57'25		morning max el	-11562 Mar 04 j 00:08	28° ♁ 21'18	21°09'00
	-11563 Apr 15 j 18:59	0° ♁			-11562 Mar 05 j 15:13	0° ♁	
				morning set	-11562 Mar 23 j 15:37	29° ♁ 39'52	
superior conj	-11563 Apr 16 j 09:13	1° ♁ 10'55	1°18'06		-11562 Mar 23 j 19:32	0° ♁	
minimum elong	-11563 Apr 16 j 06:15	0° ♁ 56'09	1°17'09	asc. node	-11562 Mar 24 j 19:19	2° ♁ 02'44	
max. Earth dist.	-11563 Apr 21 j 17:51	11° ♁ 35'53	1.36850 AU				
evening rise	-11563 Apr 25 j 19:48	19° ♁ 09'48		superior conj	-11562 Mar 31 j 04:46	15° ♁ 20'02	0°56'58
	-11563 May 02 j 00:15	0° ♁		minimum elong	-11562 Mar 31 j 02:24	15° ♁ 07'50	0°55'57
	-11563 May 21 j 22:18	0° ♁		max. Earth dist.	-11562 Apr 04 j 04:34	23° ♁ 25'27	1.35350 AU
desc. node	-11563 May 24 j 16:02	3° ♁ 29'28			-11562 Apr 07 j 13:18	0° ♁	
evening max el	-11563 May 31 j 16:40	11° ♁ 24'34	25°39'34	evening rise	-11562 Apr 08 j 17:49	2° ♁ 15'46	
retrograde	-11563 Jun 12 j 21:28	18° ♁ 32'03			-11562 Apr 24 j 23:18	0° ♁	
evening set	-11563 Jun 19 j 00:23	15° ♁ 52'14		desc. node	-11562 May 11 j 13:26	22° ♁ 05'06	
min. Earth dist.	-11563 Jun 23 j 06:44	11° ♁ 04'32	0.66529 AU	evening max el	-11562 May 14 j 03:00	24° ♁ 45'04	26°40'15
inferior conj	-11563 Jun 24 j 09:40	9° ♁ 37'10	-2°36'19		-11562 May 20 j 13:12	0° ♁	
minimum elong	-11563 Jun 24 j 12:03	9° ♁ 29'27	2°35'39	retrograde	-11562 May 27 j 02:43	2° ♁ 11'34	
morning rise	-11563 Jun 29 j 23:45	3° ♁ 40'02			-11562 Jun 01 j 23:40	30° ♁	
direct	-11563 Jul 03 j 10:41	2° ♁ 30'44		evening set	-11562 Jun 02 j 17:20	29° ♁ 24'23	
asc. node	-11563 Jul 03 j 22:59	2° ♁ 32'12		min. Earth dist.	-11562 Jun 06 j 15:56	25° ♁ 15'38	0.65618 AU
morning max el	-11563 Jul 10 j 17:23	6° ♁ 42'33	19°32'57	inferior conj	-11562 Jun 08 j 08:37	23° ♁ 12'02	-3°05'11
	-11563 Jul 27 j 08:08	0° ♁		minimum elong	-11562 Jun 08 j 10:46	23° ♁ 05'29	3°04'54
morning set	-11563 Aug 03 j 23:32	11° ♁ 56'02		morning rise	-11562 Jun 14 j 04:26	17° ♁ 28'27	
	-11563 Aug 15 j 11:10	0° ♁		direct	-11562 Jun 17 j 07:53	16° ♁ 32'36	
max. Earth dist.	-11563 Aug 17 j 11:16	3° ♁ 10'39	1.44309 AU	asc. node	-11562 Jun 20 j 19:48	17° ♁ 37'51	
				morning max el	-11562 Jun 24 j 01:47	20° ♁ 18'14	18°45'24
superior conj	-11563 Aug 20 j 10:24	7° ♁ 53'58	0°00'40		-11562 Jul 01 j 12:23	0° ♁	
minimum elong	-11563 Aug 20 j 10:34	7° ♁ 54'36	0°01'14	morning set	-11562 Jul 14 j 23:14	21° ♁ 23'34	
behind sun begin	-11563 Aug 19 j 23:30	7° ♁ 10'22			-11562 Jul 20 j 07:32	0° ♁	
behind sun end	-11563 Aug 20 j 21:38	8° ♁ 38'52		superior conj	-11562 Jul 30 j 11:11	16° ♁ 09'24	0°46'03
desc. node	-11563 Aug 20 j 13:02	8° ♁ 04'30		minimum elong	-11562 Jul 30 j 16:28	16° ♁ 30'16	0°45'54
	-11563 Sep 02 j 23:59	0° ♁		max. Earth dist.	-11562 Jul 31 j 03:39	17° ♁ 14'32	1.44587 AU
evening rise	-11563 Sep 04 j 00:47	1° ♁ 43'00		desc. node	-11562 Aug 07 j 10:16	28° ♁ 45'02	
	-11563 Sep 22 j 11:38	0° ♁			-11562 Aug 08 j 05:12	0° ♁	
evening max el	-11563 Sep 23 j 01:27	0° ♁ 36'27	18°27'01	evening rise	-11562 Aug 15 j 16:55	11° ♁ 54'06	
retrograde	-11563 Sep 29 j 16:49	4° ♁ 16'13			-11562 Aug 27 j 03:24	0° ♁	
asc. node	-11563 Sep 29 j 23:06	4° ♁ 15'50		evening max el	-11562 Sep 06 j 12:57	14° ♁ 05'47	19°02'11
evening set	-11563 Oct 02 j 12:41	3° ♁ 32'43		retrograde	-11562 Sep 13 j 11:01	18° ♁ 01'08	
	-11563 Oct 06 j 20:28	30° ♁		evening set	-11562 Sep 16 j 14:02	17° ♁ 05'07	
inferior conj	-11563 Oct 08 j 16:12	27° ♁ 58'19	2°33'13	asc. node	-11562 Sep 16 j 20:12	16° ♁ 55'37	
minimum elong	-11563 Oct 08 j 12:53	28° ♁ 07'50	2°32'47	inferior conj	-11562 Sep 22 j 09:22	11° ♁ 16'51	1°42'28
min. Earth dist.	-11563 Oct 10 j 16:38	25° ♁ 40'03	0.64218 AU	minimum elong	-11562 Sep 22 j 07:02	11° ♁ 24'05	1°42'16
morning rise	-11563 Oct 14 j 12:25	21° ♁ 53'49		min. Earth dist.	-11562 Sep 23 j 21:14	9° ♁ 25'48	0.65415 AU
direct	-11563 Oct 21 j 07:52	19° ♁ 09'36		morning rise	-11562 Sep 27 j 23:34	5° ♁ 03'06	
morning max el	-11563 Nov 03 j 17:08	26° ♁ 42'06	27°16'50	direct	-11562 Oct 04 j 08:02	2° ♁ 22'49	
	-11563 Nov 06 j 20:52	0° ♁		morning max el	-11562 Oct 17 j 03:25	9° ♁ 47'54	26°30'04
desc. node	-11563 Nov 16 j 13:02	12° ♁ 14'12			-11562 Nov 02 j 06:17	0° ♁	
	-11563 Nov 28 j 00:30	0° ♁		desc. node	-11562 Nov 03 j 09:45	1° ♁ 40'57	
morning set	-11563 Dec 08 j 17:07	19° ♁ 29'17			-11562 Nov 20 j 10:44	0° ♁	
max. Earth dist.	-11563 Dec 13 j 15:26	29° ♁ 25'32	1.34037 AU	morning set	-11562 Nov 21 j 23:49	2° ♁ 52'54	
	-11563 Dec 13 j 22:06	0° ♁		max. Earth dist.	-11562 Nov 26 j 06:37	11° ♁ 08'50	1.35250 AU
superior conj	-11563 Dec 16 j 16:22	5° ♁ 47'24	-1°21'37	superior conj	-11562 Nov 30 j 17:31	20° ♁ 08'26	-1°33'03
minimum elong	-11563 Dec 16 j 18:25	5° ♁ 58'13	1°21'26	minimum elong	-11562 Nov 30 j 19:01	20° ♁ 16'09	1°32'49
evening rise	-11563 Dec 23 j 22:05	21° ♁ 09'10			-11562 Dec 05 j 11:22	0° ♁	
asc. node	-11563 Dec 26 j 21:01	27° ♁ 12'44		evening rise	-11562 Dec 08 j 06:53	5° ♁ 50'42	
	-11563 Dec 28 j 06:50	0° ♁		asc. node	-11562 Dec 13 j 18:21	16° ♁ 43'30	
evening max el	-11562 Jan 14 j 13:03	25° ♁ 30'07	22°19'17		-11562 Dec 21 j 19:13	0° ♁	
	-11562 Jan 20 j 19:59	0° ♁		evening max el	-11562 Dec 27 j 14:28	6° ♁ 45'15	20°52'52
retrograde	-11562 Jan 27 j 03:50	1° ♁ 32'14		retrograde	-11561 Jan 07 j 18:16	11° ♁ 59'37	
evening set	-11562 Jan 30 j 08:29	1° ♁ 09'45		evening set	-11561 Jan 10 j 11:45	11° ♁ 42'03	
	-11562 Feb 02 j 19:16	30° ♁		inferior conj	-11561 Jan 19 j 08:34	7° ♁ 43'20	2°41'57
inferior conj	-11562 Feb 08 j 11:06	27° ♁ 01'06	1°03'52	minimum elong	-11561 Jan 19 j 14:14	7° ♁ 35'04	2°40'06
minimum elong	-11562 Feb 08 j 13:48	26° ♁ 57'13	1°02'28				

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

min. Earth dist.	-11561 Jan 20 j 12:23	7° \mathbb{M} 02'52	0.55619 AU	min. Earth dist.	-11560 Jan 02 j 01:48	17° \mathbb{A} 06'35	0.56562 AU
morning rise	-11561 Jan 28 j 15:28	3° \mathbb{M} 25'19		morning rise	-11560 Jan 08 j 06:47	13° \mathbb{A} 59'55	
desc. node	-11561 Jan 30 j 11:24	3° \mathbb{M} 06'46		direct	-11560 Jan 12 j 19:25	13° \mathbb{A} 13'51	
direct	-11561 Jan 31 j 20:48	3° \mathbb{M} 02'25		desc. node	-11560 Jan 17 j 08:09	14° \mathbb{A} 00'59	
morning max el	-11561 Feb 13 j 23:19	9° \mathbb{M} 27'31	22°39'27	morning max el	-11560 Jan 26 j 15:07	20° \mathbb{A} 10'27	24°16'21
	-11561 Feb 28 j 15:47	0° \mathbb{A}			-11560 Feb 03 j 22:31	0° \mathbb{M}	
morning set	-11561 Mar 08 j 02:24	14° \mathbb{A} 36'26		morning set	-11560 Feb 20 j 14:48	29° \mathbb{M} 40'52	
asc. node	-11561 Mar 11 j 16:22	22° \mathbb{A} 10'08			-11560 Feb 20 j 18:27	0° \mathbb{A}	
				asc. node	-11560 Feb 26 j 13:29	12° \mathbb{A} 25'17	
superior conj	-11561 Mar 15 j 07:40	29° \mathbb{A} 54'12	0°33'58	superior conj	-11560 Feb 27 j 15:29	14° \mathbb{A} 45'37	0°10'21
minimum elong	-11561 Mar 15 j 06:13	29° \mathbb{A} 46'34	0°33'03	minimum elong	-11560 Feb 27 j 15:04	14° \mathbb{A} 43'22	0°09'40
	-11561 Mar 15 j 08:46	0° \mathbb{B}		behind sun begin	-11560 Feb 27 j 10:59	14° \mathbb{A} 21'21	
max. Earth dist.	-11561 Mar 18 j 01:28	5° \mathbb{B} 39'08	1.34201 AU	behind sun end	-11560 Feb 27 j 19:09	15° \mathbb{A} 05'22	
evening rise	-11561 Mar 23 j 05:33	16° \mathbb{B} 05'46		max. Earth dist.	-11560 Feb 29 j 07:26	18° \mathbb{A} 20'08	1.33404 AU
	-11561 Mar 30 j 16:32	0° \mathbb{A}			-11560 Mar 05 j 21:38	0° \mathbb{B}	
	-11561 Apr 19 j 11:45	0° \mathbb{H}		evening rise	-11560 Mar 06 j 03:02	0° \mathbb{B} 27'13	
evening max el	-11561 Apr 26 j 13:50	7° \mathbb{H} 55'23	27°17'57		-11560 Mar 22 j 17:36	0° \mathbb{A}	
desc. node	-11561 Apr 28 j 10:47	9° \mathbb{H} 40'12		evening max el	-11560 Apr 07 j 23:15	20° \mathbb{A} 44'01	27°26'12
retrograde	-11561 May 10 j 02:32	15° \mathbb{H} 29'19		desc. node	-11560 Apr 14 j 08:03	25° \mathbb{A} 50'16	
evening set	-11561 May 17 j 00:15	12° \mathbb{H} 46'22		retrograde	-11560 Apr 21 j 20:00	28° \mathbb{A} 17'11	
min. Earth dist.	-11561 May 20 j 17:30	9° \mathbb{H} 13'03	0.64311 AU	evening set	-11560 Apr 28 j 17:54	25° \mathbb{A} 51'32	
inferior conj	-11561 May 23 j 00:41	6° \mathbb{H} 39'29	-3°24'00	min. Earth dist.	-11560 May 02 j 10:08	22° \mathbb{A} 45'27	0.62647 AU
minimum elong	-11561 May 23 j 02:02	6° \mathbb{H} 35'44	3°24'10	inferior conj	-11560 May 05 j 07:03	19° \mathbb{A} 53'56	-3°29'24
morning rise	-11561 May 29 j 04:26	1° \mathbb{H} 11'51		minimum elong	-11560 May 05 j 06:57	19° \mathbb{A} 54'12	3°29'52
direct	-11561 Jun 01 j 02:03	0° \mathbb{H} 27'24		morning rise	-11560 May 11 j 21:14	14° \mathbb{A} 44'28	
morning max el	-11561 Jun 07 j 14:03	3° \mathbb{H} 56'13	18°14'48	direct	-11560 May 14 j 14:11	14° \mathbb{A} 09'45	
asc. node	-11561 Jun 07 j 16:34	4° \mathbb{H} 02'35		morning max el	-11560 May 21 j 03:54	17° \mathbb{A} 32'00	18°02'13
	-11561 Jun 24 j 19:28	0° \mathbb{Y}		asc. node	-11560 May 24 j 13:21	21° \mathbb{A} 30'45	
morning set	-11561 Jun 26 j 00:09	2° \mathbb{Y} 01'06			-11560 May 30 j 02:45	0° \mathbb{H}	
				morning set	-11560 Jun 07 j 00:49	13° \mathbb{H} 46'12	
superior conj	-11561 Jul 09 j 17:12	24° \mathbb{Y} 41'36	1°22'50		-11560 Jun 16 j 08:22	0° \mathbb{Y}	
minimum elong	-11561 Jul 09 j 23:34	25° \mathbb{Y} 07'19	1°22'31	superior conj	-11560 Jun 18 j 21:55	4° \mathbb{Y} 20'37	1°43'51
	-11561 Jul 13 j 00:29	0° \mathbb{B}		minimum elong	-11560 Jun 19 j 01:13	4° \mathbb{Y} 34'31	1°43'43
max. Earth dist.	-11561 Jul 13 j 19:16	1° \mathbb{B} 14'55	1.44162 AU	max. Earth dist.	-11560 Jun 25 j 07:40	14° \mathbb{Y} 55'57	1.43096 AU
desc. node	-11561 Jul 25 j 07:36	19° \mathbb{B} 22'09		evening rise	-11560 Jul 04 j 07:08	29° \mathbb{Y} 13'16	
evening rise	-11561 Jul 26 j 06:47	20° \mathbb{B} 52'21			-11560 Jul 04 j 19:07	0° \mathbb{B}	
	-11561 Aug 01 j 04:12	0° \mathbb{H}		desc. node	-11560 Jul 11 j 05:01	9° \mathbb{B} 52'09	
greatest brilliancy	-11561 Aug 07 j 17:29	9° \mathbb{H} 59'48	-0.7m		-11560 Jul 24 j 22:38	0° \mathbb{H}	
evening max el	-11561 Aug 20 j 19:54	27° \mathbb{H} 35'03	19°53'25	evening max el	-11560 Aug 02 j 20:27	11° \mathbb{H} 01'08	20°58'43
	-11561 Aug 23 j 12:46	0° \mathbb{B}		retrograde	-11560 Aug 11 j 03:52	15° \mathbb{H} 53'54	
retrograde	-11561 Aug 28 j 07:23	1° \mathbb{B} 54'37		evening set	-11560 Aug 15 j 04:06	14° \mathbb{H} 22'51	
evening set	-11561 Aug 31 j 19:57	0° \mathbb{B} 42'39		inferior conj	-11560 Aug 20 j 12:26	8° \mathbb{H} 15'45	-0°01'23
	-11561 Sep 01 j 18:13	30° \mathbb{R} \mathbb{H}		minimum elong	-11560 Aug 20 j 12:27	8° \mathbb{H} 15'42	0°00'47
asc. node	-11561 Sep 03 j 17:13	28° \mathbb{H} 02'19		transit middle	-11560 Aug 20 j 12:27	8° \mathbb{H} 15'42	0°00'47
inferior conj	-11561 Sep 06 j 08:50	24° \mathbb{H} 43'38	0°50'12	transit begin	-11560 Aug 20 j 09:44	8° \mathbb{H} 24'58	
minimum elong	-11561 Sep 06 j 07:41	24° \mathbb{H} 47'24	0°50'23	transit end	-11560 Aug 20 j 15:10	8° \mathbb{H} 06'26	
min. Earth dist.	-11561 Sep 07 j 09:02	23° \mathbb{H} 24'11	0.66307 AU	asc. node	-11560 Aug 20 j 14:10	8° \mathbb{H} 09'49	
morning rise	-11561 Sep 11 j 19:08	18° \mathbb{H} 24'30		min. Earth dist.	-11560 Aug 21 j 01:44	7° \mathbb{H} 30'26	0.66904 AU
direct	-11561 Sep 17 j 13:58	15° \mathbb{H} 56'26		morning rise	-11560 Aug 25 j 20:38	1° \mathbb{H} 55'09	
morning max el	-11561 Sep 29 j 13:10	23° \mathbb{H} 01'17	25°22'07		-11560 Aug 29 j 04:34	30° \mathbb{R} \mathbb{B}	
	-11561 Oct 05 j 18:24	0° \mathbb{B}		direct	-11560 Aug 31 j 01:04	29° \mathbb{B} 43'59	
desc. node	-11561 Oct 21 j 06:31	21° \mathbb{B} 35'20			-11560 Sep 01 j 23:36	0° \mathbb{H}	
	-11561 Oct 26 j 14:10	0° \mathbb{B}		morning max el	-11560 Sep 10 j 22:55	6° \mathbb{H} 16'22	24°01'43
morning set	-11561 Nov 04 j 14:04	15° \mathbb{B} 23'10			-11560 Sep 29 j 08:37	0° \mathbb{B}	
max. Earth dist.	-11561 Nov 08 j 11:21	22° \mathbb{B} 30'57	1.36876 AU	desc. node	-11560 Oct 07 j 03:21	11° \mathbb{B} 48'48	
	-11561 Nov 12 j 09:22	0° \mathbb{H}		morning set	-11560 Oct 16 j 06:24	26° \mathbb{B} 45'09	
superior conj	-11561 Nov 14 j 10:10	3° \mathbb{H} 59'37	-1°38'46		-11560 Oct 18 j 03:41	0° \mathbb{B}	
minimum elong	-11561 Nov 14 j 10:31	4° \mathbb{H} 01'22	1°38'26	max. Earth dist.	-11560 Oct 20 j 10:25	4° \mathbb{B} 00'12	1.38798 AU
evening rise	-11561 Nov 22 j 11:45	20° \mathbb{H} 15'28					
	-11561 Nov 27 j 10:52	0° \mathbb{B}		superior conj	-11560 Oct 27 j 14:27	17° \mathbb{B} 08'58	-1°36'53
asc. node	-11561 Nov 30 j 15:40	5° \mathbb{B} 46'39		minimum elong	-11560 Oct 27 j 13:04	17° \mathbb{B} 02'27	1°36'21
evening max el	-11561 Dec 10 j 01:45	18° \mathbb{B} 33'36	19°41'54		-11560 Nov 03 j 06:01	0° \mathbb{H}	
retrograde	-11561 Dec 19 j 15:41	23° \mathbb{B} 04'28		evening rise	-11560 Nov 05 j 10:26	4° \mathbb{H} 16'39	
evening set	-11561 Dec 22 j 05:08	22° \mathbb{B} 46'37		asc. node	-11560 Nov 16 j 12:59	24° \mathbb{H} 12'03	
inferior conj	-11561 Dec 30 j 14:31	18° \mathbb{B} 40'53	3°48'42		-11560 Nov 21 j 01:29	0° \mathbb{B}	
minimum elong	-11561 Dec 30 j 19:00	18° \mathbb{B} 33'43	3°47'52				

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening max el	-11560 Nov 21 j 22:57	0° $\underline{54}$ '12	18°50'08	evening rise	-11559 Oct 20 j 00:05	17° $\underline{07}$ '35	
retrograde	-11560 Nov 30 j 05:17	4° $\underline{53}$ '37			-11559 Oct 26 j 15:17	0° $\underline{00}$	
evening set	-11560 Dec 02 j 17:11	4° $\underline{33}$ '15		asc. node	-11559 Nov 03 j 10:15	11° $\underline{04}$ '11	
inferior conj	-11560 Dec 10 j 13:32	0° $\underline{09}$ '37	4°15'51	evening max el	-11559 Nov 05 j 04:23	13° $\underline{04}$ '23	18°18'39
minimum elong	-11560 Dec 10 j 14:23	0° $\underline{08}$ '04	4°15'52	retrograde	-11559 Nov 12 j 12:40	17° $\underline{00}$ '23	01
	-11560 Dec 10 j 18:46	30° $\underline{08}$ ' $\underline{00}$		evening set	-11559 Nov 15 j 00:17	16° $\underline{00}$ '58	48
min. Earth dist.	-11560 Dec 13 j 16:26	27° $\underline{00}$ '53	13	inferior conj	-11559 Nov 22 j 07:55	12° $\underline{00}$ '13	49
morning rise	-11560 Dec 18 j 09:40	25° $\underline{00}$ '05	01	minimum elong	-11559 Nov 22 j 05:41	12° $\underline{00}$ '18	33
direct	-11560 Dec 24 j 05:02	23° $\underline{00}$ '43	53	min. Earth dist.	-11559 Nov 25 j 12:04	9° $\underline{00}$ '33	33
desc. node	-11559 Jan 03 j 04:49	27° $\underline{00}$ '31	22	morning rise	-11559 Nov 29 j 09:30	6° $\underline{00}$ '48	19
	-11559 Jan 06 j 05:49	0° $\underline{00}$		direct	-11559 Dec 06 j 01:47	4° $\underline{00}$ '50	03
morning max el	-11559 Jan 07 j 06:14	0° $\underline{05}$ '45	25°46'09	morning max el	-11559 Dec 20 j 02:27	12° $\underline{00}$ '12	28
	-11559 Jan 27 j 16:04	0° $\underline{00}$ ' $\underline{00}$		desc. node	-11559 Dec 21 j 01:29	13° $\underline{00}$ '09	05
morning set	-11559 Feb 04 j 03:00	14° $\underline{00}$ '45	33		-11558 Jan 03 j 04:30	0° $\underline{00}$	
				morning set	-11558 Jan 19 j 13:10	29° $\underline{00}$ '43	38
superior conj	-11559 Feb 11 j 02:11	29° $\underline{00}$ '46	26		-11558 Jan 19 j 16:18	0° $\underline{00}$ ' $\underline{00}$	
minimum elong	-11559 Feb 11 j 02:45	29° $\underline{00}$ '49	27				
behind sun begin	-11559 Feb 11 j 00:04	29° $\underline{00}$ '34	54	superior conj	-11558 Jan 26 j 14:02	14° $\underline{00}$ '50	21
behind sun end	-11559 Feb 11 j 05:25	0° $\underline{00}$ ' $\underline{03}$ '59		minimum elong	-11558 Jan 26 j 15:24	14° $\underline{00}$ '57	47
	-11559 Feb 11 j 04:41	0° $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$		max. Earth dist.	-11558 Jan 26 j 08:34	14° $\underline{00}$ '20	28
max. Earth dist.	-11559 Feb 11 j 19:02	1° $\underline{00}$ ' $\underline{00}$ '18	09	asc. node	-11558 Jan 30 j 07:56	22° $\underline{00}$ '15	38
asc. node	-11559 Feb 12 j 10:41	2° $\underline{00}$ ' $\underline{00}$ '43	12	evening rise	-11558 Feb 02 j 15:26	0° $\underline{00}$ ' $\underline{00}$ '02	06
evening rise	-11559 Feb 18 j 07:06	15° $\underline{00}$ ' $\underline{00}$ '08	47		-11558 Feb 02 j 15:02	0° $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$	
	-11559 Feb 25 j 22:31	0° $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$			-11558 Feb 19 j 07:26	0° $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$	
	-11559 Mar 18 j 07:05	0° $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$		evening max el	-11558 Mar 03 j 04:24	14° $\underline{00}$ '36	18
evening max el	-11559 Mar 21 j 04:39	2° $\underline{00}$ ' $\underline{00}$ '59	19	retrograde	-11558 Mar 17 j 07:15	21° $\underline{00}$ '35	42
desc. node	-11559 Apr 01 j 05:14	10° $\underline{00}$ ' $\underline{00}$ '33	31	desc. node	-11558 Mar 19 j 02:21	21° $\underline{00}$ '34	49
retrograde	-11559 Apr 04 j 06:01	10° $\underline{00}$ ' $\underline{00}$ '27	30	evening set	-11558 Mar 23 j 01:17	20° $\underline{00}$ '33	00
evening set	-11559 Apr 10 j 19:01	8° $\underline{00}$ ' $\underline{00}$ '30	41	min. Earth dist.	-11558 Mar 27 j 17:38	17° $\underline{00}$ '34	17
min. Earth dist.	-11559 Apr 14 j 17:39	5° $\underline{00}$ ' $\underline{00}$ '39	16	inferior conj	-11558 Mar 31 j 00:43	15° $\underline{00}$ '31	53
inferior conj	-11559 Apr 18 j 00:17	2° $\underline{00}$ ' $\underline{00}$ '47	46	minimum elong	-11558 Mar 30 j 21:13	15° $\underline{00}$ '31	83
minimum elong	-11559 Apr 17 j 22:18	2° $\underline{00}$ ' $\underline{00}$ '52	07	morning rise	-11558 Apr 07 j 20:13	10° $\underline{00}$ '34	27
	-11559 Apr 21 j 10:20	30° $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$		direct	-11558 Apr 10 j 04:42	10° $\underline{00}$ '33	27
morning rise	-11559 Apr 25 j 03:45	27° $\underline{00}$ '35	812	morning max el	-11558 Apr 18 j 01:58	14° $\underline{00}$ '31	09
direct	-11559 Apr 27 j 16:32	27° $\underline{00}$ '31	59	asc. node	-11558 Apr 28 j 07:06	28° $\underline{00}$ '34	403
	-11559 May 03 j 14:15	0° $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$			-11558 Apr 29 j 00:02	0° $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$	
morning max el	-11559 May 04 j 16:50	0° $\underline{00}$ ' $\underline{00}$ '59	29	morning set	-11558 May 04 j 07:05	9° $\underline{00}$ ' $\underline{00}$ '56	28
asc. node	-11559 May 11 j 10:12	9° $\underline{00}$ ' $\underline{00}$ '48	28				
morning set	-11559 May 20 j 20:42	26° $\underline{00}$ ' $\underline{00}$ '28	30	superior conj	-11558 May 13 j 12:54	27° $\underline{00}$ ' $\underline{00}$ '31	58
	-11559 May 22 j 18:30	0° $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$		minimum elong	-11558 May 13 j 10:33	27° $\underline{00}$ ' $\underline{00}$ '21	04
					-11558 May 14 j 20:57	0° $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$	
superior conj	-11559 May 31 j 05:45	15° $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$ '43	1°49'22	max. Earth dist.	-11558 May 20 j 16:04	10° $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$ '43	2330
minimum elong	-11559 May 31 j 05:31	15° $\underline{00}$ ' $\underline{00}$ '19	43	evening rise	-11558 May 25 j 02:53	18° $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$ '41	19
max. Earth dist.	-11559 Jun 07 j 14:38	28° $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$ '41	44		-11558 Jun 01 j 11:14	0° $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$	
	-11559 Jun 08 j 18:59	0° $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$		desc. node	-11558 Jun 14 j 23:57	20° $\underline{00}$ ' $\underline{00}$ '12	00
evening rise	-11559 Jun 13 j 16:34	8° $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$ '00	34		-11558 Jun 22 j 08:26	0° $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$	
	-11559 Jun 27 j 23:33	0° $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$		evening max el	-11558 Jun 29 j 02:09	7° $\underline{00}$ ' $\underline{00}$ '42	27
desc. node	-11559 Jun 28 j 02:28	0° $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$ '10	44	retrograde	-11558 Jul 09 j 15:12	13° $\underline{00}$ ' $\underline{00}$ '38	01
evening max el	-11559 Jul 16 j 14:03	24° $\underline{00}$ ' $\underline{00}$ '32	04	evening set	-11558 Jul 14 j 19:19	11° $\underline{00}$ ' $\underline{00}$ '44	56
retrograde	-11559 Jul 25 j 22:54	29° $\underline{00}$ ' $\underline{00}$ '56	20	min. Earth dist.	-11558 Jul 19 j 16:36	5° $\underline{00}$ ' $\underline{00}$ '56	57
evening set	-11559 Jul 30 j 12:32	28° $\underline{00}$ ' $\underline{00}$ '30	415	inferior conj	-11558 Jul 20 j 00:35	5° $\underline{00}$ ' $\underline{00}$ '32	32
inferior conj	-11559 Aug 04 j 18:17	21° $\underline{00}$ ' $\underline{00}$ '51	45	minimum elong	-11558 Jul 20 j 02:24	5° $\underline{00}$ ' $\underline{00}$ '23	17
minimum elong	-11559 Aug 04 j 19:19	21° $\underline{00}$ ' $\underline{00}$ '48	10		-11558 Jul 24 j 13:03	30° $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$	
min. Earth dist.	-11559 Aug 04 j 21:03	21° $\underline{00}$ ' $\underline{00}$ '42	08	morning rise	-11558 Jul 25 j 09:26	29° $\underline{00}$ ' $\underline{00}$ '16	35
asc. node	-11559 Aug 07 j 11:04	18° $\underline{00}$ ' $\underline{00}$ '16	25	asc. node	-11558 Jul 25 j 07:57	29° $\underline{00}$ ' $\underline{00}$ '19	28
morning rise	-11559 Aug 10 j 02:00	15° $\underline{00}$ ' $\underline{00}$ '33	13	direct	-11558 Jul 29 j 11:46	27° $\underline{00}$ ' $\underline{00}$ '42	06
direct	-11559 Aug 14 j 16:37	13° $\underline{00}$ ' $\underline{00}$ '40	40		-11558 Aug 03 j 23:34	0° $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$	
morning max el	-11559 Aug 24 j 10:53	19° $\underline{00}$ ' $\underline{00}$ '32	51	morning max el	-11558 Aug 07 j 03:29	2° $\underline{00}$ ' $\underline{00}$ '52	13
	-11559 Sep 02 j 03:41	0° $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$			-11558 Aug 27 j 03:50	0° $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$	
	-11559 Sep 22 j 14:03	0° $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$		morning set	-11558 Sep 06 j 10:38	15° $\underline{00}$ ' $\underline{00}$ '22	47
desc. node	-11559 Sep 24 j 00:18	2° $\underline{00}$ ' $\underline{00}$ '15	45	desc. node	-11558 Sep 10 j 21:22	22° $\underline{00}$ ' $\underline{00}$ '22	50
morning set	-11559 Sep 26 j 20:42	6° $\underline{00}$ ' $\underline{00}$ '50	44	max. Earth dist.	-11558 Sep 14 j 15:51	28° $\underline{00}$ ' $\underline{00}$ '22	57
max. Earth dist.	-11559 Oct 02 j 10:38	16° $\underline{00}$ ' $\underline{00}$ '05	56		-11558 Sep 15 j 07:12	0° $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$	
superior conj	-11559 Oct 10 j 01:29	29° $\underline{00}$ ' $\underline{00}$ '23	29	superior conj	-11558 Sep 21 j 13:25	10° $\underline{00}$ ' $\underline{00}$ '27	45
minimum elong	-11559 Oct 09 j 22:09	29° $\underline{00}$ ' $\underline{00}$ '08	34	minimum elong	-11558 Sep 21 j 09:04	10° $\underline{00}$ ' $\underline{00}$ '09	14
	-11559 Oct 10 j 09:36	0° $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$			-11558 Oct 02 j 16:16	0° $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$ ' $\underline{00}$	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening rise	-11558 Oct 03 j 00:53	0° Ω 38'39		evening rise	-11557 Sep 07 j 20:38	0° \mathfrak{G}	
evening max el	-11558 Oct 19 j 15:22	26° Ω 51'03	18°07'11	evening rise	-11557 Sep 15 j 07:54	12° \mathfrak{G} 38'05	
asc. node	-11558 Oct 21 j 07:29	28° Ω 20'45			-11557 Sep 25 j 15:48	0° Ω	
	-11558 Oct 24 j 04:55	0° \mathfrak{M}		evening max el	-11557 Oct 03 j 04:54	10° Ω 12'45	18°14'39
retrograde	-11558 Oct 26 j 10:47	0° \mathfrak{M} 23'47		asc. node	-11557 Oct 08 j 04:42	13° Ω 33'28	
evening set	-11558 Oct 28 j 23:55	29° Ω 54'01		retrograde	-11557 Oct 09 j 19:31	13° Ω 47'07	
	-11558 Oct 28 j 17:20	30° \mathfrak{R} Ω		evening set	-11557 Oct 12 j 12:21	13° Ω 09'23	
inferior conj	-11558 Nov 04 j 19:40	24° Ω 48'11	3°41'54	inferior conj	-11557 Oct 18 j 21:23	7° Ω 44'44	3°00'33
minimum elong	-11558 Nov 04 j 16:01	24° Ω 56'59	3°41'36	minimum elong	-11557 Oct 18 j 17:41	7° Ω 54'43	3°00'04
min. Earth dist.	-11558 Nov 07 j 15:51	22° Ω 04'14	0.61746 AU	min. Earth dist.	-11557 Oct 21 j 05:24	5° Ω 13'46	0.63398 AU
morning rise	-11558 Nov 11 j 06:54	19° Ω 05'14		morning rise	-11557 Oct 24 j 22:12	1° Ω 47'26	
direct	-11558 Nov 18 j 08:06	16° Ω 38'14			-11557 Oct 27 j 20:04	30° \mathfrak{R} \mathfrak{G}	
morning max el	-11558 Dec 02 j 05:04	24° Ω 07'33	27°29'50	direct	-11557 Oct 31 j 22:05	29° \mathfrak{G} 05'28	
desc. node	-11558 Dec 07 j 22:11	0° \mathfrak{M} 21'07			-11557 Nov 05 j 06:09	0° Ω	
	-11558 Dec 07 j 15:08	0° \mathfrak{M}		morning max el	-11557 Nov 14 j 12:25	6° Ω 37'59	27°30'57
	-11558 Dec 27 j 08:19	0° \mathfrak{L}		desc. node	-11557 Nov 24 j 18:50	18° Ω 40'06	
morning set	-11557 Jan 03 j 19:18	14° \mathfrak{L} 27'58			-11557 Dec 02 j 13:52	0° \mathfrak{M}	
max. Earth dist.	-11557 Jan 09 j 20:19	27° \mathfrak{L} 13'59	1.32963 AU	morning set	-11557 Dec 18 j 18:53	28° \mathfrak{M} 49'04	
					-11557 Dec 19 j 09:03	0° \mathfrak{L}	
superior conj	-11557 Jan 11 j 01:23	29° \mathfrak{L} 51'36	-0°55'23	max. Earth dist.	-11557 Dec 24 j 02:35	9° \mathfrak{L} 45'51	1.33527 AU
minimum elong	-11557 Jan 11 j 03:18	0° \mathfrak{M} 02'00	0°55'22				
	-11557 Jan 11 j 02:56	0° \mathfrak{M}		superior conj	-11557 Dec 26 j 10:25	14° \mathfrak{L} 42'55	-1°13'01
asc. node	-11557 Jan 17 j 05:13	13° \mathfrak{M} 10'22		minimum elong	-11557 Dec 26 j 12:32	14° \mathfrak{L} 54'17	1°12'54
evening rise	-11557 Jan 18 j 02:07	15° \mathfrak{M} 00'38		evening rise	-11556 Jan 02 j 13:23	29° \mathfrak{L} 57'17	
	-11557 Jan 25 j 16:19	0° \mathfrak{J}			-11556 Jan 02 j 13:54	0° \mathfrak{M}	
evening max el	-11557 Feb 12 j 23:18	25° \mathfrak{J} 42'17	24°46'01	asc. node	-11556 Jan 04 j 02:31	3° \mathfrak{M} 10'10	
	-11557 Feb 18 j 10:11	0° \mathfrak{Z}			-11556 Jan 19 j 19:52	0° \mathfrak{J}	
retrograde	-11557 Feb 26 j 21:28	2° \mathfrak{Z} 41'35		evening max el	-11556 Jan 25 j 16:42	6° \mathfrak{J} 34'02	23°13'12
evening set	-11557 Mar 03 j 13:42	1° \mathfrak{Z} 51'40		retrograde	-11556 Feb 07 j 22:37	12° \mathfrak{J} 59'58	
desc. node	-11557 Mar 05 j 23:22	0° \mathfrak{Z} 50'13		evening set	-11556 Feb 11 j 14:08	12° \mathfrak{J} 30'57	
	-11557 Mar 07 j 12:43	30° \mathfrak{R} \mathfrak{J}		min. Earth dist.	-11556 Feb 19 j 05:01	9° \mathfrak{J} 01'19	0.55820 AU
min. Earth dist.	-11557 Mar 09 j 12:50	28° \mathfrak{J} 46'34	0.56994 AU	inferior conj	-11556 Feb 20 j 15:56	8° \mathfrak{J} 09'44	0°02'49
inferior conj	-11557 Mar 12 j 05:44	26° \mathfrak{J} 59'50	-1°32'03	minimum elong	-11556 Feb 20 j 16:01	8° \mathfrak{J} 09'36	0°02'11
minimum elong	-11557 Mar 12 j 02:34	27° \mathfrak{J} 05'04	1°31'48	transit middle	-11556 Feb 20 j 16:01	8° \mathfrak{J} 09'36	0°02'11
morning rise	-11557 Mar 20 j 18:40	22° \mathfrak{J} 47'22		transit begin	-11556 Feb 20 j 12:01	8° \mathfrak{J} 15'32	
direct	-11557 Mar 22 j 23:21	22° \mathfrak{J} 33'33		transit end	-11556 Feb 20 j 20:02	8° \mathfrak{J} 03'40	
morning max el	-11557 Apr 01 j 04:17	26° \mathfrak{J} 54'36	19°18'47	desc. node	-11556 Feb 20 j 20:19	8° \mathfrak{J} 03'15	
	-11557 Apr 04 j 00:44	0° \mathfrak{Z}		morning rise	-11556 Feb 29 j 19:49	4° \mathfrak{J} 06'18	
asc. node	-11557 Apr 15 j 04:04	18° \mathfrak{Z} 08'42		direct	-11556 Mar 03 j 01:07	3° \mathfrak{J} 54'09	
morning set	-11557 Apr 18 j 04:03	24° \mathfrak{Z} 00'39		morning max el	-11556 Mar 13 j 20:46	9° \mathfrak{J} 02'10	20°23'26
	-11557 Apr 21 j 04:15	0° \approx			-11556 Mar 28 j 01:00	0° \mathfrak{Z}	
superior conj	-11557 Apr 26 j 13:52	10° \approx 39'42	1°28'45	morning set	-11556 Apr 01 j 08:18	8° \mathfrak{Z} 31'05	
minimum elong	-11557 Apr 26 j 10:49	10° \approx 24'57	1°27'56	asc. node	-11556 Apr 01 j 01:02	7° \mathfrak{Z} 54'13	
max. Earth dist.	-11557 May 02 j 16:20	22° \approx 12'46	1.37840 AU	superior conj	-11556 Apr 09 j 03:41	24° \mathfrak{Z} 29'03	1°09'28
evening rise	-11557 May 06 j 16:26	29° \approx 25'29		minimum elong	-11556 Apr 09 j 00:55	24° \mathfrak{Z} 15'02	1°08'28
	-11557 May 07 j 00:16	0° \mathfrak{H}			-11556 Apr 11 j 21:55	0° \approx	
	-11557 May 25 j 18:34	0° \mathfrak{Y}		max. Earth dist.	-11556 Apr 13 j 22:04	3° \approx 55'25	1.36176 AU
desc. node	-11557 Jun 01 j 21:24	9° \mathfrak{Y} 48'46		evening rise	-11556 Apr 18 j 04:14	11° \approx 58'43	
evening max el	-11557 Jun 11 j 11:58	21° \mathfrak{Y} 03'48	24°57'19		-11556 Apr 28 j 13:00	0° \mathfrak{H}	
retrograde	-11557 Jun 23 j 03:42	27° \mathfrak{Y} 55'30		desc. node	-11556 May 18 j 18:50	28° \mathfrak{H} 50'28	
evening set	-11557 Jun 28 j 22:29	25° \mathfrak{Y} 24'08			-11556 May 19 j 18:42	0° \mathfrak{Y}	
min. Earth dist.	-11557 Jul 03 j 10:01	20° \mathfrak{Y} 13'32	0.66878 AU	evening max el	-11556 May 23 j 22:03	4° \mathfrak{Y} 26'38	26°07'46
inferior conj	-11557 Jul 04 j 05:35	19° \mathfrak{Y} 08'14	-2°16'07	retrograde	-11556 Jun 05 j 11:38	11° \mathfrak{Y} 43'10	
minimum elong	-11557 Jul 04 j 07:52	19° \mathfrak{Y} 00'37	2°15'16	evening set	-11556 Jun 11 j 19:52	8° \mathfrak{Y} 59'21	
morning rise	-11557 Jul 09 j 17:14	13° \mathfrak{Y} 04'11		min. Earth dist.	-11556 Jun 15 j 22:50	4° \mathfrak{Y} 28'08	0.66191 AU
asc. node	-11557 Jul 12 j 04:50	11° \mathfrak{Y} 54'11		inferior conj	-11556 Jun 17 j 07:21	2° \mathfrak{Y} 45'16	-2°49'38
direct	-11557 Jul 13 j 09:14	11° \mathfrak{Y} 46'12		minimum elong	-11556 Jun 17 j 09:42	2° \mathfrak{Y} 37'50	2°49'07
morning max el	-11557 Jul 21 j 02:20	16° \mathfrak{Y} 17'26	20°07'10		-11556 Jun 19 j 13:35	30° \mathfrak{R} \mathfrak{H}	
	-11557 Jul 31 j 15:02	0° \mathfrak{B}		morning rise	-11556 Jun 22 j 23:36	26° \mathfrak{H} 53'19	
morning set	-11557 Aug 16 j 13:20	24° \mathfrak{B} 15'19		direct	-11556 Jun 26 j 07:12	25° \mathfrak{H} 49'49	
	-11557 Aug 20 j 05:39	0° \mathfrak{H}		asc. node	-11556 Jun 28 j 01:39	26° \mathfrak{H} 07'05	
max. Earth dist.	-11557 Aug 28 j 03:01	12° \mathfrak{H} 28'55	1.43840 AU		-11556 Jul 03 j 11:39	0° \mathfrak{Y}	
desc. node	-11557 Aug 28 j 18:29	13° \mathfrak{H} 30'50		morning max el	-11556 Jul 03 j 07:31	29° \mathfrak{H} 49'19	19°10'41
					-11556 Jul 24 j 01:09	0° \mathfrak{B}	
superior conj	-11557 Sep 01 j 21:54	20° \mathfrak{H} 12'08	-0°24'45	morning set	-11556 Jul 26 j 01:06	3° \mathfrak{B} 09'50	
minimum elong	-11557 Sep 01 j 19:22	20° \mathfrak{H} 01'49	0°23'48	max. Earth dist.	-11556 Aug 09 j 18:51	26° \mathfrak{B} 28'21	1.44519 AU

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11556 Aug 11 j 06:01	28° ♄ 47'41	0°20'13	desc. node	-11555 Aug 01 j 13:00	24° ♄ 51'46	
minimum elong	-11556 Aug 11 j 08:32	28° ♄ 57'37	0°20'28		-11555 Aug 04 j 19:20	0° ♄	
	-11556 Aug 12 j 00:15	0° ♄		evening rise	-11555 Aug 06 j 20:04	3° ♄ 11'37	
desc. node	-11556 Aug 14 j 15:42	4° ♄ 12'14			-11555 Aug 24 j 08:26	0° ♄	
evening rise	-11556 Aug 26 j 15:36	23° ♄ 32'33		evening max el	-11555 Aug 30 j 03:51	7° ♄ 11'00	19°22'02
	-11556 Aug 30 j 14:32	0° ♄		retrograde	-11555 Sep 06 j 06:42	11° ♄ 15'30	
evening max el	-11556 Sep 15 j 18:01	23° ♄ 41'19	18°39'57	evening set	-11555 Sep 09 j 13:34	10° ♄ 12'57	
retrograde	-11556 Sep 22 j 11:13	27° ♄ 26'15		asc. node	-11555 Sep 10 j 22:55	9° ♄ 09'55	
asc. node	-11556 Sep 24 j 01:50	27° ♄ 11'42		inferior conj	-11555 Sep 15 j 05:54	4° ♄ 19'28	1°20'20
evening set	-11556 Sep 25 j 09:57	26° ♄ 37'40		minimum elong	-11555 Sep 15 j 04:04	4° ♄ 25'20	1°20'18
inferior conj	-11556 Oct 01 j 09:46	20° ♄ 57'01	2°12'03	min. Earth dist.	-11555 Sep 16 j 12:35	2° ♄ 41'50	0.65833 AU
minimum elong	-11556 Oct 01 j 06:50	21° ♄ 05'46	2°11'40		-11555 Sep 18 j 18:48	30° ♄	
min. Earth dist.	-11556 Oct 03 j 04:44	18° ♄ 49'49	0.64770 AU	morning rise	-11555 Sep 20 j 18:14	28° ♄ 03'03	
morning rise	-11556 Oct 07 j 03:10	14° ♄ 48'27		direct	-11555 Sep 26 j 21:00	25° ♄ 27'32	
direct	-11556 Oct 13 j 18:32	12° ♄ 04'45			-11555 Oct 06 j 09:00	0° ♄	
morning max el	-11556 Oct 26 j 22:18	19° ♄ 34'32	27°00'04	morning max el	-11555 Oct 09 j 08:35	2° ♄ 45'10	26°03'19
	-11556 Nov 04 j 23:20	0° ♄		desc. node	-11555 Oct 28 j 12:12	27° ♄ 25'56	
desc. node	-11556 Nov 10 j 15:30	7° ♄ 46'29			-11555 Oct 30 j 04:39	0° ♄	
	-11556 Nov 24 j 12:41	0° ♄		morning set	-11555 Nov 14 j 09:09	25° ♄ 39'23	
morning set	-11556 Dec 01 j 08:51	12° ♄ 37'06			-11555 Nov 16 j 16:51	0° ♄	
max. Earth dist.	-11556 Dec 06 j 00:08	21° ♄ 48'18	1.34505 AU	max. Earth dist.	-11555 Nov 18 j 10:56	3° ♄ 21'27	1.35903 AU
superior conj	-11556 Dec 09 j 15:08	29° ♄ 17'27	-1°27'04	superior conj	-11555 Nov 23 j 13:02	13° ♄ 26'31	-1°36'17
minimum elong	-11556 Dec 09 j 17:01	29° ♄ 27'18	1°26'52	minimum elong	-11555 Nov 23 j 14:07	13° ♄ 32'02	1°36'01
	-11556 Dec 09 j 23:15	0° ♄		evening rise	-11555 Dec 01 j 06:58	29° ♄ 21'22	
evening rise	-11556 Dec 16 j 23:36	14° ♄ 46'21			-11555 Dec 01 j 14:33	0° ♄	
asc. node	-11556 Dec 20 j 23:49	22° ♄ 53'29		asc. node	-11555 Dec 07 j 21:09	12° ♄ 13'24	
	-11556 Dec 24 j 18:57	0° ♄		evening max el	-11555 Dec 19 j 18:56	29° ♄ 02'06	20°20'22
evening max el	-11555 Jan 06 j 13:42	17° ♄ 34'38	21°41'01		-11555 Dec 20 j 20:54	0° ♄	
retrograde	-11555 Jan 18 j 14:10	23° ♄ 16'10		retrograde	-11555 Dec 30 j 06:25	3° ♄ 57'19	
evening set	-11555 Jan 21 j 13:13	22° ♄ 56'29		evening set	-11554 Jan 01 j 21:37	3° ♄ 40'00	
inferior conj	-11555 Jan 30 j 14:23	18° ♄ 54'24	1°47'56		-11554 Jan 10 j 00:18	30° ♄	
minimum elong	-11555 Jan 30 j 18:46	18° ♄ 48'09	1°46'08	inferior conj	-11554 Jan 10 j 13:54	29° ♄ 39'36	3°15'06
min. Earth dist.	-11555 Jan 30 j 19:13	18° ♄ 47'31	0.55447 AU	minimum elong	-11554 Jan 10 j 19:34	29° ♄ 31'04	3°13'35
desc. node	-11555 Feb 06 j 17:10	15° ♄ 24'07		min. Earth dist.	-11554 Jan 12 j 08:35	28° ♄ 35'35	0.55931 AU
morning rise	-11555 Feb 09 j 00:14	14° ♄ 46'30		morning rise	-11554 Jan 19 j 15:52	25° ♄ 12'34	
direct	-11555 Feb 11 j 16:44	14° ♄ 30'19		direct	-11554 Jan 23 j 09:29	24° ♄ 41'52	
morning max el	-11555 Feb 24 j 01:54	20° ♄ 28'45	21°45'59	desc. node	-11554 Jan 24 j 13:54	24° ♄ 45'03	
	-11555 Mar 03 j 21:18	0° ♄			-11554 Feb 04 j 09:05	0° ♄	
morning set	-11555 Mar 16 j 17:19	23° ♄ 20'07		morning max el	-11554 Feb 05 j 21:18	1° ♄ 22'05	23°20'43
asc. node	-11555 Mar 18 j 22:02	27° ♄ 54'54			-11554 Feb 25 j 02:27	0° ♄	
	-11555 Mar 19 j 21:51	0° ♄		morning set	-11554 Mar 01 j 05:01	8° ♄ 20'52	
superior conj	-11555 Mar 24 j 02:39	8° ♄ 49'16	0°47'21	asc. node	-11554 Mar 05 j 19:06	18° ♄ 06'01	
minimum elong	-11555 Mar 24 j 00:39	8° ♄ 38'51	0°46'21	superior conj	-11554 Mar 08 j 07:55	23° ♄ 31'38	0°23'57
max. Earth dist.	-11555 Mar 27 j 13:23	15° ♄ 55'01	1.34822 AU	minimum elong	-11554 Mar 08 j 06:55	23° ♄ 26'15	0°23'07
evening rise	-11555 Apr 01 j 08:37	25° ♄ 24'32		max. Earth dist.	-11554 Mar 10 j 14:27	28° ♄ 20'43	1.33816 AU
	-11555 Apr 03 j 18:49	0° ♄			-11554 Mar 11 j 09:23	0° ♄	
	-11555 Apr 21 j 23:30	0° ♄		evening rise	-11554 Mar 16 j 00:54	9° ♄ 28'55	
desc. node	-11555 May 05 j 16:14	17° ♄ 02'36			-11554 Mar 27 j 05:04	0° ♄	
evening max el	-11555 May 06 j 08:51	17° ♄ 44'01	26°59'32		-11554 Apr 18 j 00:41	0° ♄	
retrograde	-11555 May 19 j 14:23	25° ♄ 14'02		evening max el	-11554 Apr 18 j 19:09	0° ♄ 45'48	27°25'17
evening set	-11555 May 26 j 08:52	22° ♄ 27'07		desc. node	-11554 Apr 22 j 13:33	4° ♄ 05'00	
min. Earth dist.	-11555 May 30 j 04:52	18° ♄ 34'17	0.65112 AU	retrograde	-11554 May 02 j 11:37	8° ♄ 20'30	
inferior conj	-11555 Jun 01 j 03:40	16° ♄ 17'04	-3°14'34	evening set	-11554 May 09 j 10:36	5° ♄ 42'55	
minimum elong	-11555 Jun 01 j 05:33	16° ♄ 11'31	3°14'30	min. Earth dist.	-11554 May 13 j 02:33	2° ♄ 22'51	0.63641 AU
morning rise	-11555 Jun 07 j 02:34	10° ♄ 40'03			-11554 May 15 j 08:21	30° ♄	
direct	-11555 Jun 10 j 03:28	9° ♄ 49'07		inferior conj	-11554 May 15 j 15:59	29° ♄ 39'33	-3°28'12
asc. node	-11555 Jun 14 j 22:26	11° ♄ 48'00		minimum elong	-11554 May 15 j 16:48	29° ♄ 37'24	3°28'32
morning max el	-11555 Jun 16 j 17:48	13° ♄ 26'01	18°30'18	morning rise	-11554 May 21 j 23:52	24° ♄ 19'45	
	-11555 Jun 28 j 11:30	0° ♄		direct	-11554 May 24 j 19:24	23° ♄ 39'40	
morning set	-11555 Jul 06 j 11:21	13° ♄ 06'42		morning max el	-11554 May 31 j 07:08	27° ♄ 04'11	18°07'19
	-11555 Jul 16 j 20:36	0° ♄		asc. node	-11554 Jun 01 j 19:13	28° ♄ 41'40	
superior conj	-11555 Jul 21 j 06:09	7° ♄ 01'43	1°03'20		-11554 Jun 02 j 20:59	0° ♄	
minimum elong	-11555 Jul 21 j 12:34	7° ♄ 27'15	1°03'01	morning set	-11554 Jun 17 j 22:49	24° ♄ 13'52	
max. Earth dist.	-11555 Jul 23 j 11:56	10° ♄ 35'15	1.44492 AU		-11554 Jun 21 j 07:31	0° ♄	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11554 Jun 30 j 20:32	15° Υ 58'46	1°33'47	minimum elong	-11553 Jun 11 j 14:36	26° Υ 19'24	1°47'47
minimum elong	-11554 Jul 01 j 01:54	16° Υ 20'44	1°33'34		-11553 Jun 13 j 18:22	0° Υ	
max. Earth dist.	-11554 Jul 06 j 02:33	24° Υ 29'39	1.43775 AU	max. Earth dist.	-11553 Jun 18 j 12:10	7° Υ 54'32	1.42474 AU
	-11554 Jul 09 j 13:25	0° \mathcal{B}		evening rise	-11553 Jun 26 j 03:08	20° Υ 10'30	
evening rise	-11554 Jul 17 j 01:49	11° \mathcal{B} 47'21			-11553 Jul 02 j 11:00	0° \mathcal{B}	
desc. node	-11554 Jul 19 j 10:24	15° \mathcal{B} 26'23		desc. node	-11553 Jul 06 j 07:52	5° \mathcal{B} 51'50	
	-11554 Jul 28 j 23:47	0° Π			-11553 Jul 23 j 14:57	0° Π	
evening max el	-11554 Aug 13 j 08:11	20° Π 38'42	20°19'31	evening max el	-11553 Jul 27 j 05:41	4° Π 02'30	21°30'05
retrograde	-11554 Aug 21 j 03:30	25° Π 11'49		retrograde	-11553 Aug 04 j 23:37	9° Π 12'15	
evening set	-11554 Aug 24 j 20:43	23° Π 52'06		evening set	-11553 Aug 09 j 05:15	7° Π 32'39	
asc. node	-11554 Aug 28 j 19:56	19° Π 45'47		inferior conj	-11553 Aug 14 j 12:13	1° Π 22'58	-0°22'37
inferior conj	-11554 Aug 30 j 07:25	17° Π 49'02	0°28'08	minimum elong	-11553 Aug 14 j 12:42	1° Π 21'20	0°21'53
minimum elong	-11554 Aug 30 j 06:46	17° Π 51'11	0°28'30	min. Earth dist.	-11553 Aug 14 j 21:07	0° Π 52'23	0.67062 AU
min. Earth dist.	-11554 Aug 31 j 02:52	16° Π 43'56	0.66595 AU	asc. node	-11553 Aug 15 j 16:53	29° \mathcal{B} 44'59	
morning rise	-11554 Sep 04 j 16:36	11° Π 28'35			-11553 Aug 15 j 12:26	30° \mathcal{R} \mathcal{B}	
direct	-11554 Sep 10 j 05:10	9° Π 07'28		morning rise	-11553 Aug 19 j 20:00	25° \mathcal{B} 02'31	
morning max el	-11554 Sep 21 j 18:24	16° Π 00'25	24°48'53	direct	-11553 Aug 24 j 18:25	22° \mathcal{B} 59'02	
	-11554 Oct 03 j 08:59	0° \mathcal{E}		morning max el	-11553 Sep 04 j 04:43	29° \mathcal{B} 15'33	23°25'53
desc. node	-11554 Oct 15 j 09:00	17° \mathcal{E} 29'04			-11553 Sep 04 j 21:52	0° Π	
	-11554 Oct 23 j 03:04	0° \mathcal{Q}			-11553 Sep 27 j 05:02	0° \mathcal{E}	
morning set	-11554 Oct 27 j 14:47	7° \mathcal{Q} 42'22		desc. node	-11553 Oct 02 j 05:56	7° \mathcal{E} 48'57	
max. Earth dist.	-11554 Oct 31 j 12:32	14° \mathcal{Q} 42'31	1.37671 AU	morning set	-11553 Oct 08 j 20:28	18° \mathcal{E} 32'55	
				max. Earth dist.	-11553 Oct 13 j 10:50	26° \mathcal{E} 22'39	1.39644 AU
					-11553 Oct 15 j 12:26	0° \mathcal{Q}	
superior conj	-11554 Nov 07 j 00:56	27° \mathcal{Q} 00'53	-1°39'02				
minimum elong	-11554 Nov 07 j 00:37	26° \mathcal{Q} 59'20	1°38'38				
	-11554 Nov 08 j 13:34	0° \mathcal{M}		superior conj	-11553 Oct 20 j 22:38	9° \mathcal{Q} 49'14	-1°33'14
evening rise	-11554 Nov 15 j 09:32	13° \mathcal{M} 36'37		minimum elong	-11553 Oct 20 j 20:25	9° \mathcal{Q} 38'58	1°32'36
	-11554 Nov 24 j 03:31	0° \mathcal{L}		evening rise	-11553 Oct 30 j 04:48	27° \mathcal{Q} 26'08	
asc. node	-11554 Nov 24 j 18:29	1° \mathcal{L} 01'40			-11553 Oct 31 j 12:50	0° \mathcal{M}	
evening max el	-11554 Dec 02 j 10:29	11° \mathcal{L} 04'04	19°17'21	asc. node	-11553 Nov 11 j 15:48	19° \mathcal{M} 08'17	
retrograde	-11554 Dec 11 j 10:11	15° \mathcal{L} 20'13		evening max el	-11553 Nov 15 j 11:40	23° \mathcal{M} 38'29	18°34'20
evening set	-11554 Dec 13 j 22:34	15° \mathcal{L} 01'39		retrograde	-11553 Nov 23 j 07:21	27° \mathcal{M} 28'02	
inferior conj	-11554 Dec 22 j 02:29	10° \mathcal{L} 49'15	4°04'57	evening set	-11553 Nov 25 j 18:59	27° \mathcal{M} 06'14	
minimum elong	-11554 Dec 22 j 05:31	10° \mathcal{L} 44'08	4°04'33	inferior conj	-11553 Dec 03 j 09:54	22° \mathcal{M} 34'03	4°16'44
min. Earth dist.	-11554 Dec 24 j 22:28	8° \mathcal{L} 54'51	0.57156 AU	minimum elong	-11553 Dec 03 j 09:15	22° \mathcal{M} 35'19	4°16'50
morning rise	-11554 Dec 30 j 10:16	5° \mathcal{L} 57'29		min. Earth dist.	-11553 Dec 06 j 15:03	20° \mathcal{M} 04'45	0.58854 AU
direct	-11553 Jan 04 j 12:32	4° \mathcal{L} 57'32		morning rise	-11553 Dec 10 j 21:42	17° \mathcal{M} 20'13	
desc. node	-11553 Jan 11 j 10:36	6° \mathcal{L} 47'30		direct	-11553 Dec 17 j 03:41	15° \mathcal{M} 42'26	
morning max el	-11553 Jan 18 j 12:08	12° \mathcal{L} 03'19	24°56'24	desc. node	-11553 Dec 29 j 07:16	21° \mathcal{M} 16'40	
	-11553 Feb 01 j 06:40	0° \mathcal{M}		morning max el	-11553 Dec 31 j 04:55	23° \mathcal{M} 00'16	26°18'17
morning set	-11553 Feb 13 j 17:32	23° \mathcal{M} 25'58			-11552 Jan 06 j 12:10	0° \mathcal{L}	
	-11553 Feb 16 j 19:29	0° \mathcal{X}			-11552 Jan 25 j 00:53	0° \mathcal{M}	
				morning set	-11552 Jan 29 j 05:08	8° \mathcal{M} 29'05	
superior conj	-11553 Feb 20 j 17:12	8° \mathcal{X} 27'52	0°00'23				
minimum elong	-11553 Feb 20 j 17:13	8° \mathcal{X} 27'54	0°00'13	superior conj	-11552 Feb 05 j 04:40	23° \mathcal{M} 31'27	-0°22'30
behind sun begin	-11553 Feb 20 j 12:09	8° \mathcal{X} 00'30		minimum elong	-11552 Feb 05 j 05:35	23° \mathcal{M} 36'28	0°22'49
behind sun end	-11553 Feb 20 j 22:16	8° \mathcal{X} 55'18		max. Earth dist.	-11552 Feb 05 j 11:51	24° \mathcal{M} 10'41	1.32826 AU
asc. node	-11553 Feb 20 j 16:15	8° \mathcal{X} 22'41		asc. node	-11552 Feb 07 j 13:29	28° \mathcal{M} 40'53	
max. Earth dist.	-11553 Feb 21 j 23:01	11° \mathcal{X} 09'06	1.33155 AU		-11552 Feb 08 j 04:06	0° \mathcal{X}	
evening rise	-11553 Feb 28 j 01:29	23° \mathcal{X} 59'45		evening rise	-11552 Feb 12 j 07:42	8° \mathcal{X} 48'00	
	-11553 Mar 03 j 01:44	0° \mathcal{Z}			-11552 Feb 23 j 12:23	0° \mathcal{Z}	
	-11553 Mar 20 j 23:05	0° \approx		evening max el	-11552 Mar 13 j 06:15	25° \mathcal{Z} 20'30	26°41'45
evening max el	-11553 Apr 01 j 02:58	13° \approx 20'35	27°19'55		-11552 Mar 19 j 01:40	0° \approx	
desc. node	-11553 Apr 09 j 10:48	19° \approx 29'21		desc. node	-11552 Mar 26 j 07:56	2° \approx 42'22	
retrograde	-11553 Apr 15 j 02:23	20° \approx 53'06		retrograde	-11552 Mar 27 j 09:02	2° \approx 45'11	
evening set	-11553 Apr 21 j 21:37	18° \approx 38'21		evening set	-11552 Apr 02 j 14:52	1° \approx 03'19	
min. Earth dist.	-11553 Apr 25 j 15:18	15° \approx 40'16	0.61841 AU		-11552 Apr 04 j 09:05	30° \mathcal{R} \mathcal{Z}	
inferior conj	-11553 Apr 28 j 17:12	12° \approx 45'53	-3°26'35	min. Earth dist.	-11552 Apr 06 j 19:39	28° \mathcal{Z} 13'11	0.59868 AU
minimum elong	-11553 Apr 28 j 16:19	12° \approx 47'58	3°27'03	inferior conj	-11552 Apr 10 j 03:45	25° \mathcal{Z} 28'30	-3°04'08
morning rise	-11553 May 05 j 12:42	7° \approx 44'55		minimum elong	-11552 Apr 10 j 01:01	25° \mathcal{Z} 34'11	3°04'19
direct	-11553 May 08 j 03:42	7° \approx 14'08		morning rise	-11552 Apr 17 j 13:43	20° \mathcal{Z} 47'15	
morning max el	-11553 May 14 j 20:59	10° \approx 37'22	18°02'33	direct	-11552 Apr 20 j 00:36	20° \mathcal{Z} 24'20	
asc. node	-11553 May 19 j 16:01	16° \approx 32'15		morning max el	-11552 Apr 27 j 08:37	23° \mathcal{Z} 58'33	18°16'42
	-11553 May 27 j 18:40	0° \mathcal{X}			-11552 May 02 j 06:50	0° \approx	
morning set	-11553 May 31 j 08:13	6° \mathcal{X} 24'01		asc. node	-11552 May 05 j 12:53	5° \approx 07'15	
				morning set	-11552 May 13 j 10:49	19° \approx 26'55	
superior conj	-11553 Jun 11 j 12:54	26° \mathcal{X} 12'08	1°47'54		-11552 May 19 j 02:00	0° \mathcal{X}	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11552 May 23 j 07:15	7° H 43'34	1°47'54	minimum elong	-11551 May 05 j 19:51	20° \approx 07'17	1°37'07
minimum elong	-11552 May 23 j 05:56	7° H 37'35	1°47'35		-11551 May 11 j 03:41	0° H	
max. Earth dist.	-11552 May 30 j 16:20	20° H 40'31	1.40773 AU	max. Earth dist.	-11551 May 12 j 17:07	2° H 48'12	1.38899 AU
evening rise	-11552 Jun 04 j 22:06	29° H 25'38		evening rise	-11551 May 16 j 20:21	10° H 02'32	
	-11552 Jun 05 j 06:31	0° Y			-11551 May 29 j 03:35	0° Y	
desc. node	-11552 Jun 22 j 05:21	26° Y 03'27		desc. node	-11551 Jun 09 j 02:48	15° Y 55'11	
	-11552 Jun 24 j 23:46	0° B			-11551 Jun 20 j 14:37	0° B	
evening max el	-11552 Jul 08 j 20:46	17° B 23'07	22°49'35	evening max el	-11551 Jun 21 j 07:37	0° B 43'22	24°11'48
retrograde	-11552 Jul 18 j 17:29	23° B 14'12		retrograde	-11551 Jul 02 j 08:07	7° B 14'43	
evening set	-11552 Jul 23 j 13:11	21° B 13'14		evening set	-11551 Jul 07 j 18:39	4° B 53'14	
inferior conj	-11552 Jul 28 j 18:29	14° B 59'27	-1°10'22		-11551 Jul 12 j 00:07	30° R Y	
minimum elong	-11552 Jul 28 j 19:53	14° B 54'37	1°09'25	min. Earth dist.	-11551 Jul 12 j 11:38	29° Y 21'04	0.67108 AU
min. Earth dist.	-11552 Jul 28 j 16:50	15° B 05'09	0.67240 AU	inferior conj	-11551 Jul 13 j 00:25	28° Y 37'35	-1°53'42
asc. node	-11552 Aug 01 j 13:47	10° B 09'01		minimum elong	-11551 Jul 13 j 02:29	28° Y 30'34	1°52'46
morning rise	-11552 Aug 03 j 02:28	8° B 42'52		morning rise	-11551 Jul 18 j 10:16	22° Y 28'16	
direct	-11552 Aug 07 j 11:45	6° B 57'53		asc. node	-11551 Jul 19 j 10:39	21° Y 48'30	
morning max el	-11552 Aug 16 j 18:10	12° B 31'44	22°02'40	direct	-11551 Jul 22 j 08:03	21° Y 01'00	
	-11552 Aug 30 j 10:16	0° II		morning max el	-11551 Jul 30 j 13:20	25° Y 53'20	20°46'12
morning set	-11552 Sep 17 j 23:31	28° II 05'57			-11551 Aug 03 j 03:40	0° B	
desc. node	-11552 Sep 18 j 02:57	28° II 19'38			-11551 Aug 23 j 21:59	0° II	
	-11552 Sep 19 j 03:59	0° B		morning set	-11551 Aug 28 j 06:25	6° II 43'58	
max. Earth dist.	-11552 Sep 24 j 12:47	8° B 47'04	1.41566 AU	desc. node	-11551 Sep 05 j 00:03	18° II 57'13	
				max. Earth dist.	-11551 Sep 06 j 21:17	21° II 59'25	1.43158 AU
					-11551 Sep 11 j 18:42	0° B	
superior conj	-11552 Oct 02 j 00:36	21° B 35'53	-1°16'34				
minimum elong	-11552 Oct 01 j 20:37	21° B 18'26	1°15'36				
	-11552 Oct 06 j 17:37	0° B		superior conj	-11551 Sep 13 j 01:08	2° B 06'29	-0°47'13
evening rise	-11552 Oct 12 j 13:30	10° B 41'05		minimum elong	-11551 Sep 12 j 21:05	1° B 49'39	0°46'06
	-11552 Oct 23 j 15:03	0° B		evening rise	-11551 Sep 25 j 07:25	23° B 11'52	
asc. node	-11552 Oct 28 j 13:06	6° B 19'28			-11551 Sep 29 j 04:17	0° B	
evening max el	-11552 Oct 28 j 19:54	6° B 36'37	18°11'26	evening max el	-11551 Oct 12 j 08:18	19° B 51'13	18°08'03
retrograde	-11552 Nov 04 j 21:25	10° B 12'19		asc. node	-11551 Oct 15 j 10:19	22° B 20'00	
evening set	-11552 Nov 07 j 09:36	9° B 45'50		retrograde	-11551 Oct 19 j 00:41	23° B 23'40	
inferior conj	-11552 Nov 14 j 12:01	4° B 51'43	4°00'09	evening set	-11551 Oct 21 j 15:10	22° B 50'45	
minimum elong	-11552 Nov 14 j 09:00	4° B 58'31	4°00'04	inferior conj	-11551 Oct 28 j 06:08	17° B 36'15	3°25'35
min. Earth dist.	-11552 Nov 17 j 13:34	2° B 07'48	0.60711 AU	minimum elong	-11551 Oct 28 j 02:20	17° B 45'54	3°25'10
	-11552 Nov 20 j 06:20	30° R B		min. Earth dist.	-11551 Oct 30 j 21:15	14° B 56'26	0.62478 AU
morning rise	-11552 Nov 21 j 07:02	29° B 18'48		morning rise	-11551 Nov 03 j 12:31	11° B 46'47	
direct	-11552 Nov 28 j 04:42	27° B 06'54		direct	-11551 Nov 10 j 14:05	9° B 12'06	
	-11552 Dec 06 j 13:55	0° B		morning max el	-11551 Nov 24 j 08:43	16° B 42'46	27°34'35
morning max el	-11552 Dec 12 j 03:40	4° B 31'36	27°13'23	desc. node	-11551 Dec 02 j 00:36	25° B 20'56	
desc. node	-11552 Dec 15 j 03:56	7° B 38'01			-11551 Dec 05 j 12:38	0° B	
	-11552 Dec 31 j 03:08	0° B			-11551 Dec 23 j 16:39	0° B	
morning set	-11551 Jan 12 j 13:51	23° B 22'04		morning set	-11551 Dec 27 j 17:31	7° B 57'23	
	-11551 Jan 15 j 17:26	0° B		max. Earth dist.	-11550 Jan 02 j 11:15	19° B 57'44	1.33163 AU
max. Earth dist.	-11551 Jan 19 j 01:11	7° B 11'18	1.32823 AU				
				superior conj	-11550 Jan 04 j 03:04	23° B 32'09	-1°03'15
superior conj	-11551 Jan 19 j 16:30	8° B 34'50	-0°43'58	minimum elong	-11550 Jan 04 j 05:07	23° B 43'15	1°03'10
minimum elong	-11551 Jan 19 j 18:08	8° B 43'45	0°44'03		-11550 Jan 07 j 02:39	0° B	
asc. node	-11551 Jan 24 j 10:46	18° B 55'25		evening rise	-11550 Jan 11 j 04:24	8° B 42'43	
evening rise	-11551 Jan 26 j 17:16	23° B 44'32		asc. node	-11550 Jan 11 j 08:03	9° B 01'51	
	-11551 Jan 29 j 18:33	0° B			-11550 Jan 22 j 09:41	0° B	
	-11551 Feb 17 j 02:03	0° B		evening max el	-11550 Feb 04 j 21:23	17° B 39'22	24°07'05
evening max el	-11551 Feb 23 j 03:53	6° B 43'11	25°34'22	retrograde	-11550 Feb 18 j 13:57	24° B 26'20	
retrograde	-11551 Mar 09 j 05:26	13° B 54'03		evening set	-11550 Feb 22 j 19:18	23° B 46'36	
desc. node	-11551 Mar 13 j 04:58	13° B 16'06		desc. node	-11550 Feb 28 j 01:56	21° B 21'19	
evening set	-11551 Mar 14 j 13:05	12° B 46'51		min. Earth dist.	-11550 Mar 01 j 10:31	20° B 32'41	0.56415 AU
min. Earth dist.	-11551 Mar 19 j 17:12	9° B 50'57	0.57955 AU	inferior conj	-11550 Mar 03 j 16:38	19° B 08'18	-0°54'31
inferior conj	-11551 Mar 22 j 20:08	7° B 37'52	-2°14'31	minimum elong	-11550 Mar 03 j 14:31	19° B 11'37	0°54'30
minimum elong	-11551 Mar 22 j 16:27	7° B 44'28	2°14'16	morning rise	-11550 Mar 12 j 12:38	15° B 01'26	
morning rise	-11551 Mar 30 j 22:59	3° B 16'00		direct	-11550 Mar 14 j 16:51	14° B 48'49	
direct	-11551 Apr 02 j 05:52	2° B 59'22		morning max el	-11550 Mar 24 j 13:32	19° B 28'03	19°44'00
morning max el	-11551 Apr 10 j 15:08	6° B 58'40	18°50'26		-11550 Apr 01 j 16:27	0° B	
asc. node	-11551 Apr 22 j 09:48	24° B 16'04		asc. node	-11550 Apr 09 j 06:44	13° B 50'02	
	-11551 Apr 25 j 10:35	0° B		morning set	-11550 Apr 11 j 02:32	17° B 27'45	
morning set	-11551 Apr 27 j 02:09	3° B 11'37			-11550 Apr 17 j 07:52	0° B	
superior conj	-11551 May 05 j 22:38	20° \approx 20'29	1°37'46	superior conj	-11550 Apr 19 j 05:35	3° \approx 47'26	1°21'02

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

minimum elong	-11550 Apr 19 j 02:34	3° \approx 32'33	1°20'07	asc. node	-11549 Mar 27 j 03:43	3° \approx 42'56	
max. Earth dist.	-11550 Apr 24 j 19:02	14° \approx 31'27	1.37096 AU				
evening rise	-11550 Apr 28 j 20:00	21° \approx 57'30		superior conj	-11549 Apr 02 j 23:46	17° \approx 51'57	1°00'20
	-11550 May 03 j 09:54	0° \approx		minimum elong	-11549 Apr 02 j 21:16	17° \approx 39'12	0°59'20
	-11550 May 22 j 22:47	0° \approx		max. Earth dist.	-11549 Apr 07 j 04:13	26° \approx 18'02	1.35555 AU
desc. node	-11550 May 27 j 00:14	5° \approx 18'21			-11549 Apr 09 j 01:35	0° \approx	
evening max el	-11550 Jun 03 j 17:06	14° \approx 04'42	25°28'59	evening rise	-11549 Apr 11 j 15:34	4° \approx 55'44	
retrograde	-11550 Jun 15 j 18:44	21° \approx 08'44			-11549 Apr 26 j 05:33	0° \approx	
evening set	-11550 Jun 21 j 19:37	18° \approx 30'47		desc. node	-11549 May 13 j 21:38	24° \approx 01'19	
min. Earth dist.	-11550 Jun 26 j 03:14	13° \approx 37'08	0.66632 AU	evening max el	-11549 May 17 j 03:23	27° \approx 26'01	26°32'27
inferior conj	-11550 Jun 27 j 04:14	12° \approx 15'21	-2°31'16		-11549 May 19 j 22:20	0° \approx	
minimum elong	-11550 Jun 27 j 06:37	12° \approx 07'36	2°30'33	retrograde	-11549 May 30 j 00:45	4° \approx 50'27	
morning rise	-11550 Jul 02 j 17:39	6° \approx 16'22		evening set	-11549 Jun 05 j 13:47	2° \approx 03'52	
direct	-11550 Jul 06 j 05:47	5° \approx 04'58			-11549 Jun 07 j 16:21	30° \approx	
asc. node	-11550 Jul 06 j 07:29	5° \approx 05'00		min. Earth dist.	-11549 Jun 09 j 13:28	27° \approx 49'16	0.65781 AU
morning max el	-11550 Jul 13 j 15:03	9° \approx 21'40	19°41'20	inferior conj	-11549 Jun 11 j 03:59	25° \approx 50'52	-3°01'25
	-11550 Jul 28 j 14:30	0° \approx		minimum elong	-11549 Jun 11 j 06:12	25° \approx 44'02	3°01'05
morning set	-11550 Aug 07 j 10:33	15° \approx 16'15		morning rise	-11549 Jun 16 j 22:49	20° \approx 04'58	
	-11550 Aug 16 j 19:44	0° \approx		direct	-11549 Jun 20 j 03:16	19° \approx 07'14	
max. Earth dist.	-11550 Aug 20 j 10:47	5° \approx 44'49	1.44209 AU	asc. node	-11549 Jun 23 j 04:16	19° \approx 57'07	
desc. node	-11550 Aug 22 j 21:13	9° \approx 37'50		morning max el	-11549 Jun 26 j 22:39	22° \approx 56'16	18°51'21
					-11549 Jul 02 j 14:20	0° \approx	
superior conj	-11550 Aug 23 j 21:59	11° \approx 17'03	-0°06'13	morning set	-11549 Jul 18 j 06:48	24° \approx 34'07	
minimum elong	-11550 Aug 23 j 21:20	11° \approx 14'28	0°05'32		-11549 Jul 21 j 16:04	0° \approx	
behind sun begin	-11550 Aug 23 j 10:56	10° \approx 32'45					
behind sun end	-11550 Aug 24 j 07:44	11° \approx 56'15		superior conj	-11549 Aug 02 j 23:59	19° \approx 35'41	0°39'30
	-11550 Sep 04 j 08:52	0° \approx		minimum elong	-11549 Aug 03 j 04:38	19° \approx 54'06	0°39'26
evening rise	-11550 Sep 07 j 05:08	4° \approx 44'57		max. Earth dist.	-11549 Aug 03 j 02:53	19° \approx 47'10	1.44594 AU
	-11550 Sep 23 j 02:50	0° \approx		desc. node	-11549 Aug 09 j 18:27	0° \approx 18'42	
evening max el	-11550 Sep 25 j 21:52	3° \approx 15'26	18°23'17		-11549 Aug 09 j 13:44	0° \approx	
asc. node	-11550 Oct 02 j 07:30	6° \approx 53'24		evening rise	-11549 Aug 19 j 01:21	15° \approx 07'09	
retrograde	-11550 Oct 02 j 12:54	6° \approx 53'40			-11549 Aug 28 j 08:54	0° \approx	
evening set	-11550 Oct 05 j 07:51	6° \approx 11'49		evening max el	-11549 Sep 09 j 09:51	16° \approx 44'37	18°55'57
inferior conj	-11550 Oct 11 j 12:46	0° \approx 39'52	2°40'37	retrograde	-11549 Sep 16 j 06:27	20° \approx 36'55	
minimum elong	-11550 Oct 11 j 09:19	0° \approx 49'35	2°40'08	evening set	-11549 Sep 19 j 08:18	19° \approx 42'58	
	-11550 Oct 12 j 02:50	30° \approx		asc. node	-11549 Sep 19 j 04:37	19° \approx 48'11	
min. Earth dist.	-11550 Oct 13 j 15:10	28° \approx 17'54	0.64011 AU	inferior conj	-11549 Sep 25 j 04:45	13° \approx 56'42	1°50'19
morning rise	-11550 Oct 17 j 10:03	24° \approx 37'04		minimum elong	-11549 Sep 25 j 02:14	14° \approx 04'22	1°50'03
direct	-11550 Oct 24 j 06:49	21° \approx 52'55		min. Earth dist.	-11549 Sep 26 j 18:28	12° \approx 01'12	0.65258 AU
morning max el	-11550 Nov 06 j 17:40	29° \approx 26'02	27°21'31	morning rise	-11549 Sep 30 j 19:42	7° \approx 44'11	
	-11550 Nov 07 j 07:23	0° \approx		direct	-11549 Oct 07 j 06:06	5° \approx 02'36	
desc. node	-11550 Nov 18 j 21:17	14° \approx 01'43		morning max el	-11549 Oct 20 j 03:48	12° \approx 29'22	26°38'35
	-11550 Nov 29 j 08:42	0° \approx			-11549 Nov 03 j 09:43	0° \approx	
morning set	-11550 Dec 11 j 13:28	22° \approx 05'57		desc. node	-11549 Nov 05 j 17:58	3° \approx 23'21	
	-11550 Dec 15 j 11:35	0° \approx			-11549 Nov 21 j 21:54	0° \approx	
max. Earth dist.	-11550 Dec 16 j 14:12	2° \approx 17'46	1.33884 AU	morning set	-11549 Nov 24 j 22:10	5° \approx 36'01	
				max. Earth dist.	-11549 Nov 29 j 06:56	14° \approx 05'06	1.35037 AU
superior conj	-11550 Dec 19 j 10:31	8° \approx 17'04	-1°19'30				
minimum elong	-11550 Dec 19 j 12:36	8° \approx 28'07	1°19'20	superior conj	-11549 Dec 03 j 12:40	22° \approx 41'42	-1°31'41
evening rise	-11550 Dec 26 j 15:24	23° \approx 36'40		minimum elong	-11549 Dec 03 j 14:17	22° \approx 50'04	1°31'27
asc. node	-11550 Dec 29 j 05:20	28° \approx 55'22			-11549 Dec 07 j 00:46	0° \approx	
	-11550 Dec 29 j 18:12	0° \approx		evening rise	-11549 Dec 11 j 00:36	8° \approx 20'01	
evening max el	-11549 Jan 17 j 15:33	28° \approx 32'07	22°33'12	asc. node	-11549 Dec 16 j 02:41	18° \approx 29'34	
	-11549 Jan 19 j 07:24	0° \approx			-11549 Dec 22 j 18:48	0° \approx	
retrograde	-11549 Jan 30 j 10:51	4° \approx 40'56		evening max el	-11549 Dec 30 j 15:46	9° \approx 43'07	21°05'01
evening set	-11549 Feb 02 j 17:54	4° \approx 17'08		retrograde	-11548 Jan 11 j 01:05	15° \approx 04'21	
min. Earth dist.	-11549 Feb 11 j 01:56	0° \approx 32'35	0.55550 AU	evening set	-11548 Jan 13 j 19:46	14° \approx 46'26	
inferior conj	-11549 Feb 11 j 20:39	0° \approx 05'37	0°47'43	inferior conj	-11548 Jan 22 j 17:56	10° \approx 47'35	2°28'38
minimum elong	-11549 Feb 11 j 22:40	0° \approx 02'41	0°46'32	minimum elong	-11548 Jan 22 j 23:25	10° \approx 39'40	2°26'45
	-11549 Feb 12 j 00:32	30° \approx		min. Earth dist.	-11548 Jan 23 j 16:02	10° \approx 15'43	0.55544 AU
desc. node	-11549 Feb 14 j 22:50	28° \approx 22'05		morning rise	-11548 Feb 01 j 02:03	6° \approx 32'31	
morning rise	-11549 Feb 21 j 04:36	26° \approx 02'17		desc. node	-11548 Feb 01 j 19:38	6° \approx 23'52	
direct	-11549 Feb 23 j 12:38	25° \approx 49'30		direct	-11548 Feb 04 j 03:39	6° \approx 11'44	
	-11549 Mar 05 j 13:41	0° \approx		morning max el	-11548 Feb 17 j 02:03	12° \approx 30'30	22°25'13
morning max el	-11549 Mar 07 j 01:26	1° \approx 19'27	20°56'36		-11548 Feb 29 j 23:34	0° \approx	
	-11549 Mar 25 j 08:06	0° \approx		morning set	-11548 Mar 09 j 19:31	17° \approx 02'15	
morning set	-11549 Mar 26 j 09:07	2° \approx 07'24		asc. node	-11548 Mar 13 j 00:45	23° \approx 48'37	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11548 Mar 15 j 22:43	0°♁		asc. node	-11547 Feb 27 j 21:52	14°♁02'29	
superior conj	-11548 Mar 17 j 01:44	2°♁22'45	0°37'32	superior conj	-11547 Mar 01 j 08:58	17°♁11'33	0°13'57
minimum elong	-11548 Mar 17 j 00:09	2°♁14'21	0°36'35	minimum elong	-11547 Mar 01 j 08:23	17°♁08'28	0°13'12
max. Earth dist.	-11548 Mar 19 j 23:47	8°♁28'15	1.34355 AU	behind sun begin	-11547 Mar 01 j 05:33	16°♁53'12	
evening rise	-11548 Mar 25 j 01:34	18°♁40'02		behind sun end	-11547 Mar 01 j 11:14	17°♁23'43	
	-11548 Mar 31 j 02:42	0°♁		max. Earth dist.	-11547 Mar 03 j 04:38	21°♁05'21	1.33501 AU
	-11548 Apr 19 j 09:02	0°♁			-11547 Mar 07 j 10:53	0°♁	
evening max el	-11548 Apr 28 j 14:22	10°♁38'54	27°14'02	evening rise	-11547 Mar 08 j 21:48	2°♁56'59	
desc. node	-11548 Apr 29 j 18:59	11°♁46'52			-11547 Mar 23 j 22:58	0°♁	
retrograde	-11548 May 12 j 01:22	18°♁11'48		evening max el	-11547 Apr 11 j 00:08	23°♁31'13	27°27'00
evening set	-11548 May 18 j 22:25	15°♁27'31		desc. node	-11547 Apr 16 j 16:17	28°♁11'35	
min. Earth dist.	-11548 May 22 j 16:19	11°♁49'14	0.64534 AU		-11547 Apr 19 j 23:26	0°♁	
inferior conj	-11548 May 24 j 21:17	9°♁19'45	-3°21'58	retrograde	-11547 Apr 24 j 19:43	1°♁04'39	
minimum elong	-11548 May 24 j 22:47	9°♁15'29	3°22'05		-11547 Apr 29 j 09:39	30°♁	
morning rise	-11548 May 30 j 23:40	3°♁49'29		evening set	-11547 May 01 j 18:17	28°♁35'31	
direct	-11548 Jun 02 j 22:07	3°♁03'22		min. Earth dist.	-11547 May 05 j 10:14	25°♁26'15	0.62916 AU
asc. node	-11548 Jun 09 j 01:02	6°♁10'51		inferior conj	-11547 May 08 j 05:19	22°♁36'23	-3°29'43
morning max el	-11548 Jun 09 j 10:27	6°♁33'59	18°18'13	minimum elong	-11547 May 08 j 05:28	22°♁36'00	3°30'09
	-11548 Jun 25 j 04:06	0°♁		morning rise	-11547 May 14 j 17:46	17°♁24'11	
morning set	-11548 Jun 28 j 04:01	5°♁01'30		direct	-11547 May 17 j 11:25	16°♁48'04	
				morning max el	-11547 May 24 j 00:17	20°♁10'24	18°02'57
superior conj	-11548 Jul 12 j 03:52	28°♁01'36	1°18'12	asc. node	-11547 May 26 j 21:51	23°♁30'17	
minimum elong	-11548 Jul 12 j 10:25	28°♁27'57	1°17'54		-11547 May 31 j 08:27	0°♁	
	-11548 Jul 13 j 09:23	0°♁		morning set	-11547 Jun 10 j 01:25	16°♁37'04	
max. Earth dist.	-11548 Jul 15 j 19:08	3°♁50'31	1.44271 AU		-11547 Jun 17 j 18:22	0°♁	
desc. node	-11548 Jul 26 j 15:48	20°♁56'50		superior conj	-11547 Jun 22 j 04:38	7°♁28'50	1°41'45
evening rise	-11548 Jul 28 j 18:49	24°♁15'49		minimum elong	-11547 Jun 22 j 08:31	7°♁45'02	1°41'36
	-11548 Aug 01 j 11:19	0°♁		max. Earth dist.	-11547 Jun 28 j 08:23	17°♁36'10	1.43290 AU
greatest brilliancy	-11548 Aug 09 j 13:48	12°♁27'28	-0.7m		-11547 Jul 06 j 03:16	0°♁	
evening max el	-11548 Aug 22 j 17:42	0°♁14'40	19°44'48	evening rise	-11547 Jul 07 j 19:51	2°♁38'29	
	-11548 Aug 22 j 12:02	0°♁		desc. node	-11547 Jul 13 j 13:15	11°♁28'12	
retrograde	-11548 Aug 30 j 02:40	4°♁29'52			-11547 Jul 26 j 00:52	0°♁	
evening set	-11548 Sep 02 j 13:43	3°♁20'24		evening max el	-11547 Aug 05 j 19:17	13°♁41'09	20°48'09
asc. node	-11548 Sep 05 j 01:39	1°♁07'57		retrograde	-11547 Aug 13 j 23:20	18°♁28'33	
	-11548 Sep 06 j 01:35	30°♁		evening set	-11547 Aug 17 j 21:43	17°♁00'26	
inferior conj	-11548 Sep 08 j 03:27	27°♁22'45	0°58'07	asc. node	-11547 Aug 22 j 22:39	11°♁21'09	
minimum elong	-11548 Sep 08 j 02:07	27°♁27'05	0°58'15	inferior conj	-11547 Aug 23 j 06:35	10°♁54'15	0°06'18
min. Earth dist.	-11548 Sep 09 j 05:17	25°♁58'34	0.66198 AU	minimum elong	-11547 Aug 23 j 06:26	10°♁54'46	0°06'51
morning rise	-11548 Sep 13 j 14:13	21°♁04'20		transit middle	-11547 Aug 23 j 06:26	10°♁54'46	0°06'51
direct	-11548 Sep 19 j 11:12	18°♁34'09		transit begin	-11547 Aug 23 j 03:57	11°♁03'11	
morning max el	-11548 Oct 01 j 13:40	25°♁42'25	25°33'15	transit end	-11547 Aug 23 j 08:55	10°♁46'21	
	-11548 Oct 05 j 12:58	0°♁		min. Earth dist.	-11547 Aug 23 j 21:26	10°♁03'52	0.66834 AU
desc. node	-11548 Oct 22 j 14:45	23°♁14'19		morning rise	-11547 Aug 28 j 15:00	4°♁33'38	
	-11548 Oct 26 j 22:19	0°♁		direct	-11547 Sep 02 j 21:29	2°♁19'56	
morning set	-11548 Nov 06 j 15:10	18°♁14'51		morning max el	-11547 Sep 13 j 23:26	8°♁57'46	24°14'08
max. Earth dist.	-11548 Nov 10 j 13:09	25°♁29'15	1.36616 AU		-11547 Sep 30 j 13:21	0°♁	
	-11548 Nov 12 j 21:48	0°♁		desc. node	-11547 Oct 09 j 11:37	13°♁25'28	
superior conj	-11548 Nov 16 j 06:48	6°♁37'48	-1°38'22	morning set	-11547 Oct 19 j 11:08	29°♁47'50	
minimum elong	-11548 Nov 16 j 07:22	6°♁40'38	1°38'03		-11547 Oct 19 j 13:58	0°♁	
evening rise	-11548 Nov 24 j 06:13	22°♁47'35		max. Earth dist.	-11547 Oct 23 j 12:52	6°♁56'10	1.38507 AU
	-11548 Nov 27 j 21:13	0°♁		superior conj	-11547 Oct 30 j 13:13	19°♁53'59	-1°37'45
asc. node	-11548 Dec 02 j 00:01	7°♁37'13		minimum elong	-11547 Oct 30 j 12:07	19°♁48'49	1°37'17
evening max el	-11548 Dec 12 j 01:26	21°♁25'26	19°51'15		-11547 Nov 04 j 18:10	0°♁	
retrograde	-11548 Dec 21 j 20:40	26°♁02'10		evening rise	-11547 Nov 08 j 06:00	6°♁52'42	
evening set	-11548 Dec 24 j 10:33	25°♁44'29		asc. node	-11547 Nov 18 j 21:22	26°♁08'54	
inferior conj	-11547 Jan 01 j 21:47	21°♁40'28	3°41'14		-11547 Nov 21 j 14:48	0°♁	
minimum elong	-11547 Jan 02 j 02:41	21°♁32'47	3°40'11	evening max el	-11547 Nov 24 j 21:10	3°♁40'59	18°56'28
min. Earth dist.	-11547 Jan 04 j 05:15	20°♁13'46	0.56378 AU	retrograde	-11547 Dec 03 j 07:45	7°♁44'27	
morning rise	-11547 Jan 10 j 16:50	17°♁03'19		evening set	-11547 Dec 05 j 19:41	7°♁24'36	
direct	-11547 Jan 15 j 00:30	16°♁21'41		inferior conj	-11547 Dec 13 j 17:59	3°♁03'54	4°14'08
desc. node	-11547 Jan 18 j 16:23	16°♁52'23		minimum elong	-11547 Dec 13 j 19:23	3°♁01'22	4°14'04
morning max el	-11547 Jan 28 j 18:28	23°♁14'19	24°02'06	min. Earth dist.	-11547 Dec 16 j 19:33	0°♁52'38	0.57841 AU
	-11547 Feb 03 j 18:42	0°♁			-11547 Dec 18 j 03:08	30°♁	
	-11547 Feb 21 j 07:42	0°♁		morning rise	-11547 Dec 21 j 17:06	28°♁02'28	
morning set	-11547 Feb 22 j 07:48	2°♁05'34					

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

direct	-11547 Dec 27 j 08:15	26° \mathbb{M} 47'05		min. Earth dist.	-11546 Nov 28 j 14:22	12° \mathbb{M} 25'06	0.59639 AU
desc. node	-11546 Jan 05 j 13:04	0° \mathbb{A} 00'23		morning rise	-11546 Dec 02 j 13:40	9° \mathbb{M} 40'36	
	-11546 Jan 05 j 12:51	0° \mathbb{A}		direct	-11546 Dec 09 j 03:38	7° \mathbb{M} 47'22	
morning max el	-11546 Jan 10 j 09:23	3° \mathbb{A} 58'23	25°33'58	morning max el	-11546 Dec 23 j 04:41	15° \mathbb{M} 09'03	26°45'42
	-11546 Jan 29 j 01:25	0° \mathbb{M}		desc. node	-11546 Dec 23 j 09:45	15° \mathbb{M} 21'17	
morning set	-11546 Feb 06 j 20:10	17° \mathbb{M} 10'37			-11545 Jan 04 j 07:05	0° \mathbb{A}	
	-11546 Feb 12 j 19:15	0° \mathbb{X}			-11545 Jan 21 j 05:35	0° \mathbb{M}	
				morning set	-11545 Jan 22 j 06:44	2° \mathbb{M} 10'10	
superior conj	-11546 Feb 13 j 19:22	2° \mathbb{X} 11'22	-0°09'28				
minimum elong	-11546 Feb 13 j 19:47	2° \mathbb{X} 13'37	0°09'57	superior conj	-11545 Jan 29 j 07:09	17° \mathbb{M} 15'21	-0°31'50
behind sun begin	-11546 Feb 13 j 15:52	1° \mathbb{X} 52'14		minimum elong	-11545 Jan 29 j 08:24	17° \mathbb{M} 22'11	0°32'03
behind sun end	-11546 Feb 13 j 23:43	2° \mathbb{X} 35'00		max. Earth dist.	-11545 Jan 29 j 04:58	17° \mathbb{M} 03'23	1.32775 AU
max. Earth dist.	-11546 Feb 14 j 15:35	4° \mathbb{X} 01'16	1.32973 AU	asc. node	-11545 Feb 01 j 16:19	24° \mathbb{M} 37'12	
asc. node	-11546 Feb 14 j 19:05	4° \mathbb{X} 20'14			-11545 Feb 04 j 04:40	0° \mathbb{X}	
evening rise	-11546 Feb 21 j 01:03	17° \mathbb{X} 35'55		evening rise	-11545 Feb 05 j 08:52	2° \mathbb{X} 28'01	
	-11546 Feb 27 j 08:52	0° \mathbb{B}			-11545 Feb 20 j 10:12	0° \mathbb{B}	
	-11546 Mar 18 j 20:34	0° \mathbb{A}		evening max el	-11545 Mar 06 j 06:46	17° \mathbb{B} 34'21	26°16'17
evening max el	-11546 Mar 24 j 06:11	5° \mathbb{A} 51'50	27°07'36	retrograde	-11545 Mar 20 j 09:55	24° \mathbb{B} 55'07	
desc. node	-11546 Apr 03 j 13:28	12° \mathbb{A} 44'55		desc. node	-11545 Mar 21 j 10:34	24° \mathbb{B} 52'27	
retrograde	-11546 Apr 07 j 07:06	13° \mathbb{A} 21'26		evening set	-11545 Mar 26 j 07:14	23° \mathbb{B} 28'04	
evening set	-11546 Apr 13 j 22:06	11° \mathbb{A} 19'33		min. Earth dist.	-11545 Mar 30 j 20:07	20° \mathbb{B} 37'12	0.59019 AU
min. Earth dist.	-11546 Apr 17 j 19:01	8° \mathbb{A} 27'03	0.61013 AU	inferior conj	-11545 Apr 03 j 03:54	18° \mathbb{B} 03'03	-2°46'44
inferior conj	-11546 Apr 21 j 00:46	5° \mathbb{A} 33'59	-3°20'01	minimum elong	-11545 Apr 03 j 00:33	18° \mathbb{B} 09'34	2°46'44
minimum elong	-11546 Apr 20 j 23:04	5° \mathbb{A} 37'47	3°20'25	morning rise	-11545 Apr 10 j 20:52	13° \mathbb{B} 30'40	
morning rise	-11546 Apr 28 j 02:05	0° \mathbb{A} 41'34		direct	-11545 Apr 13 j 05:53	13° \mathbb{B} 10'47	
direct	-11546 Apr 30 j 15:27	0° \mathbb{A} 14'13		morning max el	-11545 Apr 20 j 23:29	16° \mathbb{B} 53'52	18°28'45
morning max el	-11546 May 07 j 13:36	3° \mathbb{A} 40'07	18°06'17		-11545 Apr 30 j 08:15	0° \mathbb{A}	
asc. node	-11546 May 13 j 18:41	11° \mathbb{A} 41'30		asc. node	-11545 Apr 30 j 15:33	0° \mathbb{A} 31'55	
morning set	-11546 May 23 j 18:46	29° \mathbb{A} 11'42		morning set	-11545 May 07 j 03:16	12° \mathbb{A} 33'28	
	-11546 May 24 j 05:18	0° \mathbb{X}			-11545 May 16 j 08:30	0° \mathbb{X}	
superior conj	-11546 Jun 03 j 08:37	18° \mathbb{X} 17'34	1°49'25	superior conj	-11545 May 16 j 12:38	0° \mathbb{X} 19'06	1°44'37
minimum elong	-11546 Jun 03 j 08:51	18° \mathbb{X} 18'35	1°49'14	minimum elong	-11545 May 16 j 10:31	0° \mathbb{X} 09'17	1°44'10
	-11546 Jun 10 j 04:43	0° \mathbb{Y}		max. Earth dist.	-11545 May 23 j 17:58	13° \mathbb{X} 14'51	1.39975 AU
max. Earth dist.	-11546 Jun 10 j 16:08	0° \mathbb{Y} 47'38	1.41787 AU	evening rise	-11545 May 28 j 08:46	21° \mathbb{X} 06'24	
evening rise	-11546 Jun 17 j 02:34	11° \mathbb{Y} 17'48			-11545 Jun 02 j 19:31	0° \mathbb{Y}	
	-11546 Jun 29 j 05:22	0° \mathbb{B}		desc. node	-11545 Jun 17 j 08:10	21° \mathbb{Y} 53'03	
desc. node	-11546 Jun 30 j 10:42	1° \mathbb{B} 48'49			-11545 Jun 23 j 07:08	0° \mathbb{B}	
evening max el	-11546 Jul 19 j 13:50	27° \mathbb{B} 03'19	22°03'00	evening max el	-11545 Jul 02 j 02:36	10° \mathbb{B} 22'59	23°24'34
	-11546 Jul 22 j 20:22	0° \mathbb{I}		retrograde	-11545 Jul 12 j 11:30	16° \mathbb{B} 32'29	
retrograde	-11546 Jul 28 j 18:45	2° \mathbb{I} 30'33		evening set	-11545 Jul 17 j 13:23	14° \mathbb{B} 22'34	
evening set	-11546 Aug 02 j 06:15	0° \mathbb{I} 41'42		inferior conj	-11545 Jul 22 j 18:35	8° \mathbb{B} 07'27	-1°29'22
	-11546 Aug 03 j 01:01	30° \mathbb{R} \mathbb{B}		minimum elong	-11545 Jul 22 j 20:18	8° \mathbb{B} 01'32	1°28'24
inferior conj	-11546 Aug 07 j 12:14	24° \mathbb{B} 29'44	-0°43'21	min. Earth dist.	-11545 Jul 22 j 12:18	8° \mathbb{B} 29'08	0.67223 AU
minimum elong	-11546 Aug 07 j 13:08	24° \mathbb{B} 26'38	0°42'29	asc. node	-11545 Jul 27 j 16:28	2° \mathbb{B} 15'24	
min. Earth dist.	-11546 Aug 07 j 16:35	24° \mathbb{B} 14'43	0.67178 AU	morning rise	-11545 Jul 28 j 03:09	1° \mathbb{B} 53'21	
asc. node	-11546 Aug 09 j 19:36	21° \mathbb{B} 23'42		direct	-11545 Aug 01 j 07:14	0° \mathbb{B} 16'10	
morning rise	-11546 Aug 12 j 19:56	18° \mathbb{B} 10'33		morning max el	-11545 Aug 10 j 02:40	5° \mathbb{B} 32'30	21°28'52
direct	-11546 Aug 17 j 12:28	16° \mathbb{B} 15'14			-11545 Aug 28 j 09:51	0° \mathbb{I}	
morning max el	-11546 Aug 27 j 10:58	22° \mathbb{B} 14'00	22°50'01	morning set	-11545 Sep 09 j 22:27	19° \mathbb{I} 10'33	
	-11546 Sep 03 j 02:55	0° \mathbb{I}		desc. node	-11545 Sep 13 j 05:38	24° \mathbb{I} 25'02	
	-11546 Sep 23 j 22:04	0° \mathbb{B}			-11545 Sep 16 j 16:29	0° \mathbb{B}	
desc. node	-11546 Sep 26 j 08:35	3° \mathbb{B} 50'40		max. Earth dist.	-11545 Sep 17 j 16:26	1° \mathbb{B} 38'03	1.42295 AU
morning set	-11546 Sep 30 j 05:25	10° \mathbb{B} 04'55					
max. Earth dist.	-11546 Oct 05 j 12:21	18° \mathbb{B} 54'25	1.40490 AU	superior conj	-11545 Sep 24 j 18:55	13° \mathbb{B} 33'30	-1°05'42
	-11546 Oct 11 j 20:39	0° \mathbb{Q}		minimum elong	-11545 Sep 24 j 14:35	13° \mathbb{B} 14'56	1°04'37
					-11545 Oct 04 j 02:31	0° \mathbb{Q}	
superior conj	-11546 Oct 13 j 03:09	2° \mathbb{Q} 17'27	-1°27'37	evening rise	-11545 Oct 06 j 00:12	3° \mathbb{Q} 26'26	
minimum elong	-11546 Oct 13 j 00:06	2° \mathbb{Q} 03'38	1°26'51	evening max el	-11545 Oct 22 j 11:59	29° \mathbb{Q} 32'35	18°07'42
evening rise	-11546 Oct 22 j 21:13	20° \mathbb{Q} 28'34			-11545 Oct 22 j 23:17	0° \mathbb{M}	
	-11546 Oct 27 j 23:41	0° \mathbb{M}		asc. node	-11545 Oct 23 j 15:55	0° \mathbb{M} 37'12	
asc. node	-11546 Nov 05 j 18:40	13° \mathbb{M} 53'31		retrograde	-11545 Oct 29 j 08:42	3° \mathbb{M} 05'41	
evening max el	-11546 Nov 08 j 01:34	16° \mathbb{M} 25'47	18°22'03	evening set	-11545 Oct 31 j 21:32	2° \mathbb{M} 36'49	
retrograde	-11546 Nov 15 j 12:34	20° \mathbb{M} 08'24			-11545 Nov 05 j 02:12	30° \mathbb{R} \mathbb{Q}	
evening set	-11546 Nov 18 j 00:05	19° \mathbb{M} 44'55		inferior conj	-11545 Nov 07 j 18:58	27° \mathbb{Q} 34'05	3°47'11
inferior conj	-11546 Nov 25 j 09:35	15° \mathbb{M} 03'20	4°12'30	minimum elong	-11545 Nov 07 j 15:26	27° \mathbb{Q} 42'28	3°46'56
minimum elong	-11546 Nov 25 j 07:43	15° \mathbb{M} 07'13	4°12'35	min. Earth dist.	-11545 Nov 10 j 16:46	24° \mathbb{Q} 49'30	0.61484 AU

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

morning rise	-11545 Nov 14 j 08:06	21° Ω 53'43		minimum elong	-11544 Oct 20 j 15:03	10° Ω 37'38	3°06'55
direct	-11545 Nov 21 j 08:48	19° Ω 30'04		min. Earth dist.	-11544 Oct 23 j 04:41	7° Ω 54'06	0.63170 AU
morning max el	-11545 Dec 05 j 06:16	26° Ω 58'19	27°26'38	morning rise	-11544 Oct 26 j 20:58	4° Ω 32'24	
	-11545 Dec 08 j 04:44	0° \cap		direct	-11544 Nov 02 j 21:34	1° Ω 51'56	
desc. node	-11545 Dec 10 j 06:25	2° \cap 21'23		morning max el	-11544 Nov 16 j 13:02	9° Ω 23'50	27°32'57
	-11545 Dec 28 j 18:09	0° $\underline{\Omega}$		desc. node	-11544 Nov 26 j 03:04	20° Ω 31'35	
morning set	-11544 Jan 06 j 13:35	16° $\underline{\Omega}$ 57'12			-11544 Dec 02 j 18:47	0° \cap	
max. Earth dist.	-11544 Jan 12 j 17:11	29° $\underline{\Omega}$ 59'14	1.32917 AU		-11544 Dec 19 j 21:48	0° $\underline{\Omega}$	
	-11544 Jan 12 j 17:19	0° \cap		morning set	-11544 Dec 20 j 14:18	1° $\underline{\Omega}$ 22'16	
				max. Earth dist.	-11544 Dec 26 j 00:34	12° $\underline{\Omega}$ 35'28	1.33425 AU
superior conj	-11544 Jan 13 j 18:40	2° \cap 17'42	-0°52'28	superior conj	-11544 Dec 28 j 04:08	17° $\underline{\Omega}$ 10'48	-1°10'35
minimum elong	-11544 Jan 13 j 20:31	2° \cap 27'46	0°52'28	minimum elong	-11544 Dec 28 j 06:15	17° $\underline{\Omega}$ 22'11	1°10'27
asc. node	-11544 Jan 19 j 13:35	14° \cap 49'21			-11543 Jan 03 j 03:19	0° \cap	
evening rise	-11544 Jan 20 j 19:19	17° \cap 26'31		evening rise	-11543 Jan 04 j 06:35	2° \cap 23'52	
	-11544 Jan 27 j 02:09	0° \nearrow		asc. node	-11543 Jan 05 j 10:52	4° \cap 51'14	
evening max el	-11544 Feb 16 j 02:18	28° \nearrow 44'12	24°59'02		-11543 Jan 19 j 16:22	0° \nearrow	
	-11544 Feb 17 j 11:35	0° Ξ		evening max el	-11543 Jan 27 j 19:35	9° \nearrow 36'27	23°27'09
retrograde	-11544 Mar 01 j 01:44	5° Ξ 46'46		retrograde	-11543 Feb 10 j 04:33	16° \nearrow 07'59	
evening set	-11544 Mar 05 j 21:55	4° Ξ 52'49		evening set	-11543 Feb 13 j 23:28	15° \nearrow 36'34	
desc. node	-11544 Mar 07 j 07:34	4° Ξ 18'15		min. Earth dist.	-11543 Feb 21 j 08:12	12° \nearrow 11'28	0.55955 AU
min. Earth dist.	-11544 Mar 11 j 15:53	1° Ξ 50'21	0.57229 AU	desc. node	-11543 Feb 22 j 04:29	11° \nearrow 41'15	
inferior conj	-11544 Mar 14 j 11:48	29° \nearrow 56'25	-1°44'11	inferior conj	-11543 Feb 23 j 00:29	11° \nearrow 11'17	-0°12'48
minimum elong	-11544 Mar 14 j 08:25	0° Ξ 02'09	1°43'54	minimum elong	-11543 Feb 22 j 23:55	11° \nearrow 12'07	0°13'13
	-11544 Mar 14 j 09:41	30° \nearrow		transit middle	-11543 Feb 22 j 23:55	11° \nearrow 12'07	0°13'13
morning rise	-11544 Mar 22 j 22:08	25° \nearrow 41'35		transit begin	-11543 Feb 22 j 21:43	11° \nearrow 15'26	
direct	-11544 Mar 25 j 03:20	25° \nearrow 27'06		transit end	-11543 Feb 23 j 02:08	11° \nearrow 08'49	
morning max el	-11544 Apr 03 j 02:53	29° \nearrow 42'14	19°10'48	morning rise	-11543 Mar 04 j 02:33	7° \nearrow 07'20	
	-11544 Apr 03 j 10:17	0° Ξ		direct	-11543 Mar 06 j 07:22	6° \nearrow 55'10	
asc. node	-11544 Apr 16 j 12:28	19° Ξ 52'20		morning max el	-11543 Mar 16 j 20:54	11° \nearrow 55'22	20°12'38
morning set	-11544 Apr 19 j 22:49	26° Ξ 32'27			-11543 Mar 29 j 10:55	0° Ξ	
	-11544 Apr 21 j 16:46	0° \approx		asc. node	-11543 Apr 03 j 09:24	9° Ξ 35'03	
superior conj	-11544 Apr 28 j 11:12	13° \approx 18'44	1°31'18	morning set	-11543 Apr 04 j 02:08	10° Ξ 59'27	
minimum elong	-11544 Apr 28 j 08:12	13° \approx 04'13	1°30'31	superior conj	-11543 Apr 11 j 23:21	27° Ξ 02'32	1°12'36
max. Earth dist.	-11544 May 04 j 18:02	25° \approx 07'22	1.38110 AU	minimum elong	-11543 Apr 11 j 20:30	26° Ξ 48'11	1°11'38
	-11544 May 07 j 11:04	0° H			-11543 Apr 13 j 10:52	0° \approx	
evening rise	-11544 May 08 j 18:26	2° H 18'18		max. Earth dist.	-11543 Apr 16 j 22:44	6° \approx 49'57	1.36404 AU
	-11544 May 25 j 23:30	0° Υ		evening rise	-11543 Apr 21 j 03:15	14° \approx 42'03	
desc. node	-11544 Jun 03 j 05:36	11° Υ 33'53			-11543 Apr 29 j 21:37	0° H	
evening max el	-11544 Jun 13 j 12:37	23° Υ 44'08	24°45'50		-11543 May 20 j 13:15	0° Υ	
	-11544 Jun 22 j 05:09	0° B		desc. node	-11543 May 21 j 03:00	0° Υ 41'40	
retrograde	-11544 Jun 25 j 00:31	0° B 30'43		evening max el	-11543 May 26 j 22:32	7° Υ 06'58	25°58'17
	-11544 Jun 27 j 15:48	30° \nearrow		retrograde	-11543 Jun 08 j 09:06	14° Υ 20'24	
evening set	-11544 Jun 30 j 17:11	28° Υ 01'51		evening set	-11543 Jun 14 j 15:33	11° Υ 37'49	
inferior conj	-11544 Jul 05 j 23:52	21° Υ 46'02	-2°10'26	min. Earth dist.	-11543 Jun 18 j 19:42	7° Υ 00'52	0.66316 AU
minimum elong	-11544 Jul 06 j 02:06	21° Υ 38'31	2°09'34	inferior conj	-11543 Jun 20 j 02:13	5° Υ 23'27	-2°45'05
min. Earth dist.	-11544 Jul 05 j 06:07	22° Υ 45'34	0.66948 AU	minimum elong	-11543 Jun 20 j 04:35	5° Υ 15'52	2°44'31
morning rise	-11544 Jul 11 j 10:59	15° Υ 40'28			-11543 Jun 25 j 00:35	30° \nearrow	
asc. node	-11544 Jul 13 j 13:18	14° Υ 35'13		morning rise	-11543 Jun 25 j 17:40	29° H 29'39	
direct	-11544 Jul 15 j 04:27	14° Υ 20'03		direct	-11543 Jun 29 j 02:25	28° H 24'08	
morning max el	-11544 Jul 23 j 00:28	18° Υ 56'28	20°16'52	asc. node	-11543 Jun 30 j 10:05	28° H 33'48	
	-11544 Jul 31 j 17:57	0° B			-11543 Jul 03 j 09:20	0° Υ	
morning set	-11544 Aug 19 j 01:34	27° B 38'57		morning max el	-11543 Jul 06 j 04:48	2° Υ 27'40	19°18'12
	-11544 Aug 20 j 13:48	0° Π			-11543 Jul 25 j 08:44	0° B	
max. Earth dist.	-11544 Aug 30 j 03:01	15° Π 05'36	1.43683 AU	morning set	-11543 Jul 29 j 10:53	6° B 26'49	
desc. node	-11544 Aug 30 j 02:44	15° Π 04'27		max. Earth dist.	-11543 Aug 12 j 18:37	29° B 03'13	1.44462 AU
					-11543 Aug 13 j 08:57	0° Π	
superior conj	-11544 Sep 04 j 07:34	23° Π 30'00	-0°31'00	superior conj	-11543 Aug 14 j 18:36	2° Π 13'39	0°13'16
minimum elong	-11544 Sep 04 j 04:31	23° Π 17'30	0°29'59	minimum elong	-11543 Aug 14 j 20:16	2° Π 20'15	0°13'36
	-11544 Sep 08 j 06:03	0° D		behind sun begin	-11543 Aug 14 j 13:57	1° Π 55'06	
evening rise	-11544 Sep 17 j 10:12	15° D 34'23		behind sun end	-11543 Aug 15 j 02:36	2° Π 45'25	
	-11544 Sep 25 j 21:12	0° Ω		desc. node	-11543 Aug 16 j 23:56	5° Π 45'59	
evening max el	-11544 Oct 05 j 01:19	12° Ω 52'45	18°12'22	evening rise	-11543 Aug 29 j 21:44	26° Π 39'41	
asc. node	-11544 Oct 09 j 13:08	16° Ω 03'02			-11543 Aug 31 j 22:30	0° D	
retrograde	-11544 Oct 11 j 16:05	16° Ω 26'13		evening max el	-11543 Sep 18 j 14:38	26° D 20'26	18°35'03
evening set	-11544 Oct 14 j 08:17	15° Ω 49'45					
inferior conj	-11544 Oct 20 j 18:48	10° Ω 27'38	3°07'24				

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11543 Sep 24 j 12:21	0°♎		retrograde	-11542 Sep 09 j 02:09	13°♊51'20	
retrograde	-11543 Sep 25 j 07:01	0°♎03'20		evening set	-11542 Sep 12 j 07:38	12°♊51'09	
asc. node	-11543 Sep 26 j 10:16	29°♊56'09		asc. node	-11542 Sep 13 j 07:22	12°♊09'09	
	-11543 Sep 26 j 01:36	30°♋♊		inferior conj	-11542 Sep 18 j 00:58	6°♊59'22	1°28'15
evening set	-11543 Sep 28 j 04:43	29°♊16'35		minimum elong	-11542 Sep 17 j 22:57	7°♊05'44	1°28'09
inferior conj	-11543 Oct 04 j 05:48	23°♊37'56	2°19'41	min. Earth dist.	-11542 Sep 19 j 09:25	5°♊16'58	0.65693 AU
minimum elong	-11543 Oct 04 j 02:42	23°♊47'00	2°19'16	morning rise	-11542 Sep 23 j 13:54	0°♊43'44	
min. Earth dist.	-11543 Oct 06 j 02:37	21°♊26'50	0.64585 AU		-11542 Sep 24 j 11:52	30°♋♊	
morning rise	-11543 Oct 10 j 00:08	17°♊30'45		direct	-11542 Sep 29 j 18:39	28°♋06'25	
direct	-11543 Oct 16 j 17:01	14°♊46'43			-11542 Oct 05 j 16:18	0°♊	
morning max el	-11543 Oct 29 j 22:48	22°♊17'28	27°06'29	morning max el	-11542 Oct 12 j 09:11	5°♊27'02	26°13'05
	-11543 Nov 05 j 20:30	0°♎		desc. node	-11542 Oct 30 j 20:32	29°♊07'10	
desc. node	-11543 Nov 12 j 23:46	9°♎31'43			-11542 Oct 31 j 10:34	0°♎	
	-11543 Nov 25 j 22:25	0°♏		morning set	-11542 Nov 17 j 08:38	28°♎26'16	
morning set	-11543 Dec 04 j 05:56	15°♏15'48			-11542 Nov 18 j 04:42	0°♏	
max. Earth dist.	-11543 Dec 08 j 23:39	24°♏42'42	1.34334 AU	max. Earth dist.	-11542 Nov 21 j 12:04	6°♏19'38	1.35664 AU
	-11543 Dec 11 j 13:00	0°♏					
				superior conj	-11542 Nov 26 j 08:46	16°♏01'47	-1°35'17
superior conj	-11543 Dec 12 j 09:37	1°♏48'02	-1°25'15	minimum elong	-11542 Nov 26 j 10:01	16°♏08'10	1°35'02
minimum elong	-11543 Dec 12 j 11:34	1°♏58'18	1°25'03		-11542 Dec 03 j 03:13	0°♏	
evening rise	-11543 Dec 19 j 17:03	17°♏14'17		evening rise	-11542 Dec 04 j 01:00	1°♏52'03	
asc. node	-11543 Dec 23 j 08:12	24°♏37'31		asc. node	-11542 Dec 10 j 05:33	14°♏01'49	
	-11543 Dec 26 j 03:32	0°♏			-11542 Dec 20 j 21:22	0°♏	
evening max el	-11542 Jan 09 j 15:37	20°♏34'03	21°54'10	evening max el	-11542 Dec 22 j 19:31	1°♏57'30	20°31'25
retrograde	-11542 Jan 21 j 21:14	26°♏22'58		retrograde	-11541 Jan 02 j 12:50	6°♏59'28	
evening set	-11542 Jan 24 j 22:06	26°♏02'26		evening set	-11541 Jan 05 j 04:38	6°♏42'11	
inferior conj	-11542 Feb 02 j 23:58	21°♏58'22	1°32'33	inferior conj	-11541 Jan 13 j 22:36	2°♏42'40	3°04'06
minimum elong	-11542 Feb 03 j 03:49	21°♏52'54	1°30'53	minimum elong	-11541 Jan 14 j 04:21	2°♏34'06	3°02'25
min. Earth dist.	-11542 Feb 02 j 22:36	22°♏00'19	0.55447 AU	min. Earth dist.	-11541 Jan 15 j 12:17	1°♏46'48	0.55802 AU
desc. node	-11542 Feb 09 j 01:21	18°♏52'37			-11541 Jan 18 j 17:49	30°♋♏	
morning rise	-11542 Feb 12 j 09:48	17°♏52'18		morning rise	-11541 Jan 23 j 02:32	28°♏18'55	
direct	-11542 Feb 14 j 23:36	17°♏37'20		direct	-11541 Jan 26 j 15:34	27°♏51'19	
morning max el	-11542 Feb 27 j 03:48	23°♏28'24	21°32'46	desc. node	-11541 Jan 26 j 22:09	27°♏51'29	
	-11542 Mar 04 j 19:48	0°♏			-11541 Feb 03 j 04:34	0°♏	
morning set	-11542 Mar 19 j 10:35	25°♏46'23		morning max el	-11541 Feb 09 j 00:33	4°♏26'43	23°06'11
asc. node	-11542 Mar 21 j 06:24	29°♏34'00			-11541 Feb 26 j 13:19	0°♏	
	-11542 Mar 21 j 11:23	0°♏		morning set	-11541 Mar 03 j 22:03	10°♏46'25	
				asc. node	-11541 Mar 08 j 03:31	19°♏44'24	
superior conj	-11542 Mar 26 j 21:10	11°♏19'05	0°50'49				
minimum elong	-11542 Mar 26 j 19:02	11°♏07'59	0°49'49	superior conj	-11541 Mar 11 j 01:43	25°♏59'25	0°27'33
max. Earth dist.	-11542 Mar 30 j 12:26	18°♏45'49	1.34999 AU	minimum elong	-11541 Mar 11 j 00:33	25°♏53'13	0°26'41
evening rise	-11542 Apr 04 j 05:28	28°♏01'06			-11541 Mar 12 j 23:12	0°♏	
	-11542 Apr 05 j 06:31	0°♏		max. Earth dist.	-11541 Mar 13 j 12:08	1°♏07'52	1.33944 AU
	-11542 Apr 23 j 03:12	0°♏		evening rise	-11541 Mar 18 j 20:19	12°♏01'18	
desc. node	-11542 May 08 j 00:23	19°♏02'25			-11541 Mar 28 j 13:41	0°♏	
evening max el	-11542 May 09 j 09:08	20°♏25'18	26°53'19		-11541 Apr 18 j 11:14	0°♏	
retrograde	-11542 May 22 j 12:42	27°♏54'22		evening max el	-11541 Apr 21 j 19:40	3°♏30'26	27°23'17
evening set	-11542 May 29 j 06:00	25°♏07'01		desc. node	-11541 Apr 24 j 21:42	6°♏17'07	
min. Earth dist.	-11542 Jun 02 j 02:49	21°♏08'49	0.65296 AU	retrograde	-11541 May 05 j 10:57	11°♏05'09	
inferior conj	-11542 Jun 03 j 23:29	18°♏56'09	-3°11'31	evening set	-11541 May 12 j 09:38	8°♏25'20	
minimum elong	-11542 Jun 04 j 01:29	18°♏50'13	3°11'22	min. Earth dist.	-11541 May 16 j 01:55	5°♏00'50	0.63885 AU
morning rise	-11542 Jun 09 j 21:16	13°♏16'53		inferior conj	-11541 May 18 j 13:12	2°♏20'36	-3°27'07
direct	-11542 Jun 12 j 23:02	12°♏24'18		minimum elong	-11541 May 18 j 14:13	2°♏17'51	3°27'23
asc. node	-11542 Jun 17 j 06:51	14°♏02'20			-11541 May 20 j 19:09	30°♋♏	
morning max el	-11542 Jun 19 j 14:28	16°♏04'01	18°35'16	morning rise	-11541 May 24 j 19:36	26°♏58'03	
	-11542 Jun 29 j 17:41	0°♏		direct	-11541 May 27 j 15:48	26°♏16'31	
morning set	-11542 Jul 09 j 17:20	16°♏13'02		morning max el	-11541 Jun 03 j 03:31	29°♏42'23	18°09'31
	-11542 Jul 18 j 05:23	0°♏			-11541 Jun 03 j 10:27	0°♏	
				asc. node	-11541 Jun 04 j 03:39	0°♏46'06	
superior conj	-11542 Jul 24 j 18:26	10°♏26'34	0°57'26	morning set	-11541 Jun 21 j 01:08	27°♏09'41	
minimum elong	-11542 Jul 25 j 00:33	10°♏50'53	0°57'11		-11541 Jun 22 j 17:03	0°♏	
max. Earth dist.	-11542 Jul 26 j 11:32	13°♏09'31	1.44538 AU				
desc. node	-11542 Aug 03 j 21:15	26°♏26'03		superior conj	-11541 Jul 04 j 05:33	19°♏13'54	1°30'16
	-11542 Aug 06 j 03:29	0°♏		minimum elong	-11541 Jul 04 j 11:21	19°♏37'29	1°30'00
evening rise	-11542 Aug 10 j 06:15	6°♏29'57		max. Earth dist.	-11541 Jul 09 j 02:24	27°♏05'39	1.43921 AU
	-11542 Aug 25 j 09:45	0°♏			-11541 Jul 10 j 22:06	0°♏	
evening max el	-11542 Sep 02 j 01:06	9°♏50'07	19°14'45	evening rise	-11541 Jul 20 j 14:28	15°♏12'19	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

desc. node	-11541 Jul 21 j 18:37	17°♄01'30		desc. node	-11540 Jul 07 j 16:02	7°♄28'43	
	-11541 Jul 30 j 05:34	0°♄			-11540 Jul 23 j 11:02	0°♄	
evening max el	-11541 Aug 16 j 06:23	23°♄18'24	20°10'09	evening max el	-11540 Jul 29 j 04:59	6°♄43'21	21°18'58
retrograde	-11541 Aug 23 j 22:54	27°♄46'43		retrograde	-11540 Aug 06 j 19:09	11°♄47'01	
evening set	-11541 Aug 27 j 14:24	26°♄29'50		evening set	-11540 Aug 10 j 22:51	10°♄10'29	
asc. node	-11541 Aug 31 j 04:24	22°♄55'16		inferior conj	-11540 Aug 16 j 06:16	4°♄01'44	-0°15'05
inferior conj	-11541 Sep 02 j 01:50	20°♄28'07	0°35'59	minimum elong	-11540 Aug 16 j 06:35	4°♄00'40	0°14'24
minimum elong	-11541 Sep 02 j 01:01	20°♄30'52	0°36'18	transit middle	-11540 Aug 16 j 06:35	4°♄00'40	0°14'24
min. Earth dist.	-11541 Sep 02 j 22:56	19°♄17'55	0.66497 AU	transit begin	-11540 Aug 16 j 05:17	4°♄05'07	
morning rise	-11541 Sep 07 j 11:21	14°♄08'01		transit end	-11540 Aug 16 j 07:53	3°♄56'13	
direct	-11541 Sep 13 j 02:08	11°♄44'20		min. Earth dist.	-11540 Aug 16 j 16:43	3°♄25'54	0.67011 AU
morning max el	-11541 Sep 24 j 18:59	18°♄41'56	25°00'44	asc. node	-11540 Aug 17 j 01:21	2°♄56'26	
	-11541 Oct 04 j 09:27	0°♄			-11540 Aug 19 j 08:04	30°♄	
desc. node	-11541 Oct 17 j 17:21	19°♄07'34		morning rise	-11540 Aug 21 j 14:09	27°♄41'11	
	-11541 Oct 24 j 12:12	0°♄		direct	-11540 Aug 26 j 14:40	25°♄34'54	
morning set	-11541 Oct 30 j 17:26	10°♄39'28			-11540 Sep 04 j 04:17	0°♄	
max. Earth dist.	-11541 Nov 03 j 14:35	17°♄40'17	1.37385 AU	morning max el	-11540 Sep 06 j 05:01	1°♄57'05	23°38'29
					-11540 Sep 27 j 11:20	0°♄	
superior conj	-11541 Nov 09 j 22:27	29°♄42'35	-1°39'08	desc. node	-11540 Oct 03 j 14:15	9°♄25'32	
minimum elong	-11541 Nov 09 j 22:23	29°♄42'15	1°38'47	morning set	-11540 Oct 11 j 02:57	21°♄41'27	
	-11541 Nov 10 j 02:01	0°♄		max. Earth dist.	-11540 Oct 15 j 12:59	29°♄16'09	1.39348 AU
evening rise	-11541 Nov 18 j 04:28	16°♄11'01			-11540 Oct 15 j 23:00	0°♄	
	-11541 Nov 25 j 09:55	0°♄					
asc. node	-11541 Nov 27 j 02:55	2°♄55'48		superior conj	-11540 Oct 22 j 22:36	12°♄38'57	-1°34'47
evening max el	-11541 Dec 05 j 09:38	13°♄55'01	19°25'33	minimum elong	-11540 Oct 22 j 20:40	12°♄30'01	1°34'12
retrograde	-11541 Dec 14 j 14:10	18°♄15'59			-11540 Oct 31 j 23:59	0°♄	
evening set	-11541 Dec 17 j 02:51	17°♄57'43		evening rise	-11540 Nov 01 j 01:00	0°♄04'58	
inferior conj	-11541 Dec 25 j 08:43	13°♄47'56	3°59'58	asc. node	-11540 Nov 13 j 00:14	21°♄09'28	
minimum elong	-11541 Dec 25 j 12:17	13°♄42'00	3°59'26	evening max el	-11540 Nov 17 j 09:29	26°♄24'58	18°39'24
min. Earth dist.	-11541 Dec 28 j 02:03	12°♄00'13	0.56936 AU		-11540 Nov 23 j 03:46	0°♄	
morning rise	-11540 Jan 02 j 19:32	8°♄59'51		retrograde	-11540 Nov 25 j 08:37	0°♄17'34	
direct	-11540 Jan 07 j 17:06	8°♄04'57		evening set	-11540 Nov 27 j 20:22	29°♄56'15	
desc. node	-11540 Jan 13 j 18:53	9°♄29'48			-11540 Nov 27 j 14:45	30°♄	
morning max el	-11540 Jan 21 j 15:35	15°♄08'00	24°42'37	inferior conj	-11540 Dec 05 j 13:10	25°♄27'07	4°17'01
	-11540 Feb 02 j 10:29	0°♄		minimum elong	-11540 Dec 05 j 13:02	25°♄27'23	4°17'07
morning set	-11540 Feb 16 j 10:36	25°♄51'33		min. Earth dist.	-11540 Dec 08 j 17:51	23°♄01'54	0.58588 AU
	-11540 Feb 18 j 09:28	0°♄		morning rise	-11540 Dec 13 j 03:51	20°♄16'30	
				direct	-11540 Dec 19 j 06:25	18°♄44'30	
superior conj	-11540 Feb 23 j 10:34	10°♄54'20	0°03'58	desc. node	-11540 Dec 30 j 15:36	23°♄38'46	
minimum elong	-11540 Feb 23 j 10:26	10°♄53'34	0°03'20	morning max el	-11539 Jan 02 j 07:37	26°♄00'30	26°07'32
behind sun begin	-11540 Feb 23 j 05:26	10°♄26'33			-11539 Jan 06 j 02:38	0°♄	
behind sun end	-11540 Feb 23 j 15:26	11°♄20'35			-11539 Jan 25 j 12:14	0°♄	
asc. node	-11540 Feb 23 j 00:41	10°♄00'49		morning set	-11539 Jan 30 j 22:26	10°♄55'08	
max. Earth dist.	-11540 Feb 24 j 19:50	13°♄53'49	1.33236 AU				
evening rise	-11540 Mar 01 j 19:54	26°♄29'20		superior conj	-11539 Feb 06 j 21:47	25°♄56'52	-0°19'07
	-11540 Mar 03 j 13:56	0°♄		minimum elong	-11539 Feb 06 j 22:35	26°♄01'12	0°19'28
	-11540 Mar 21 j 00:18	0°♄		max. Earth dist.	-11539 Feb 07 j 08:18	26°♄54'12	1.32858 AU
evening max el	-11540 Apr 03 j 04:07	16°♄10'37	27°22'47	asc. node	-11539 Feb 08 j 21:54	0°♄18'50	
desc. node	-11540 Apr 10 j 18:57	21°♄58'40			-11539 Feb 08 j 18:26	0°♄	
retrograde	-11540 Apr 17 j 02:44	23°♄43'28		evening rise	-11539 Feb 14 j 01:24	11°♄15'15	
evening set	-11540 Apr 23 j 23:05	21°♄24'43			-11539 Feb 23 j 20:22	0°♄	
min. Earth dist.	-11540 Apr 27 j 16:06	18°♄24'03	0.62130 AU	evening max el	-11539 Mar 16 j 08:13	28°♄16'05	26°49'25
inferior conj	-11540 Apr 30 j 16:20	15°♄30'18	-3°28'07		-11539 Mar 18 j 05:47	0°♄	
minimum elong	-11540 Apr 30 j 15:44	15°♄31'44	3°28'34	desc. node	-11539 Mar 28 j 16:06	5°♄33'48	
morning rise	-11540 May 07 j 09:54	10°♄26'15		retrograde	-11539 Mar 30 j 10:33	5°♄41'53	
direct	-11540 May 10 j 01:34	9°♄54'09		evening set	-11539 Apr 05 j 19:06	3°♄54'47	
morning max el	-11540 May 16 j 17:26	13°♄16'51	18°02'00	min. Earth dist.	-11539 Apr 09 j 21:30	1°♄04'30	0.60167 AU
asc. node	-11540 May 21 j 00:29	18°♄29'15			-11539 Apr 11 j 04:48	30°♄	
	-11540 May 28 j 03:26	0°♄		inferior conj	-11539 Apr 13 j 05:17	28°♄17'02	-3°09'10
morning set	-11540 Jun 02 j 07:37	9°♄11'38		minimum elong	-11539 Apr 13 j 02:48	28°♄22'18	3°09'26
				morning rise	-11539 Apr 20 j 12:54	23°♄32'50	
superior conj	-11540 Jun 13 j 17:51	29°♄15'23	1°46'47	direct	-11539 Apr 23 j 00:29	23°♄08'44	
minimum elong	-11540 Jun 13 j 20:07	29°♄25'00	1°46'39	morning max el	-11539 Apr 30 j 05:33	26°♄40'20	18°13'22
	-11540 Jun 14 j 04:20	0°♄			-11539 May 03 j 04:25	0°♄	
max. Earth dist.	-11540 Jun 20 j 12:56	10°♄36'18	1.42700 AU	asc. node	-11539 May 07 j 21:20	6°♄58'19	
evening rise	-11540 Jun 28 j 14:58	23°♄33'32		morning set	-11539 May 16 j 07:58	22°♄07'44	
	-11540 Jul 02 j 18:20	0°♄			-11539 May 20 j 13:15	0°♄	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11539 May 26 j 08:37	10° H 36'07	1°48'39	max. Earth dist.	-11538 May 15 j 19:15	5° H 43'10	1.39177 AU
minimum elong	-11539 May 26 j 07:39	10° H 31'47	1°48'23	evening rise	-11538 May 20 j 00:28	13° H 02'51	
max. Earth dist.	-11539 Jun 02 j 18:14	23° H 30'01	1.41044 AU		-11538 May 30 j 10:34	0° Y	
	-11539 Jun 06 j 15:40	0° Y		desc. node	-11538 Jun 11 j 10:54	17° Y 38'19	
evening rise	-11539 Jun 08 j 06:20	2° Y 38'11			-11538 Jun 21 j 04:05	0° Z	
desc. node	-11539 Jun 24 j 13:28	27° Y 42'49		evening max el	-11538 Jun 24 j 08:06	3° Z 24'15	23°59'35
	-11539 Jun 26 j 03:30	0° Z		retrograde	-11538 Jul 05 j 04:35	9° Z 50'13	
evening max el	-11539 Jul 11 j 20:55	20° Z 04'16	22°37'22	evening set	-11538 Jul 10 j 12:55	7° Z 31'32	
retrograde	-11539 Jul 21 j 13:23	25° Z 48'57		inferior conj	-11538 Jul 15 j 18:28	1° Z 15'53	-1°47'30
evening set	-11539 Jul 26 j 06:58	23° Z 51'04		minimum elong	-11538 Jul 15 j 20:27	1° Z 09'07	1°46'32
inferior conj	-11539 Jul 31 j 12:22	17° Z 37'44	-1°03'24	min. Earth dist.	-11538 Jul 15 j 07:21	1° Z 53'50	0.67151 AU
minimum elong	-11539 Jul 31 j 13:39	17° Z 33'19	1°02'28		-11538 Jul 16 j 16:51	30° R Y	
min. Earth dist.	-11539 Jul 31 j 12:16	17° Z 38'05	0.67235 AU	morning rise	-11538 Jul 21 j 03:56	25° Y 05'18	
asc. node	-11539 Aug 03 j 22:15	13° Z 12'43		asc. node	-11538 Jul 21 j 19:05	24° Y 38'50	
morning rise	-11539 Aug 05 j 20:15	11° Z 20'29		direct	-11538 Jul 25 j 03:15	23° Y 35'36	
direct	-11539 Aug 10 j 07:23	9° Z 32'52		morning max el	-11538 Aug 02 j 12:06	28° Y 33'59	20°56'53
morning max el	-11539 Aug 19 j 17:50	15° Z 12'58	22°14'47		-11538 Aug 03 j 20:06	0° Z	
	-11539 Aug 31 j 13:17	0° II			-11538 Aug 25 j 04:58	0° II	
desc. node	-11539 Sep 20 j 11:13	29° II 54'44		morning set	-11538 Aug 31 j 18:43	10° II 08'31	
	-11539 Sep 20 j 12:32	0° III		desc. node	-11538 Sep 07 j 08:15	20° II 31'22	
morning set	-11539 Sep 21 j 09:45	1° III 25'00		max. Earth dist.	-11538 Sep 09 j 21:38	24° II 38'59	1.42952 AU
max. Earth dist.	-11539 Sep 27 j 14:18	11° III 34'00	1.41296 AU		-11538 Sep 13 j 04:04	0° III	
superior conj	-11539 Oct 05 j 03:46	24° III 35'15	-1°19'54	superior conj	-11538 Sep 16 j 08:18	5° III 17'25	-0°52'29
minimum elong	-11539 Oct 04 j 24:00	24° III 18'33	1°18'58	minimum elong	-11538 Sep 16 j 04:04	4° III 59'41	0°51'21
	-11539 Oct 08 j 04:23	0° IV		evening rise	-11538 Sep 28 j 07:49	26° III 03'16	
evening rise	-11539 Oct 15 j 11:27	13° IV 25'22			-11538 Sep 30 j 13:14	0° IV	
	-11539 Oct 24 j 18:08	0° V		evening max el	-11538 Oct 15 j 04:39	22° IV 31'51	18°07'23
asc. node	-11539 Oct 30 j 21:31	8° V 29'43		asc. node	-11538 Oct 17 j 18:44	24° IV 41'45	
evening max el	-11539 Oct 31 j 16:46	9° V 19'34	18°13'33	retrograde	-11538 Oct 21 j 22:00	26° IV 04'21	
retrograde	-11539 Nov 07 j 20:26	12° V 56'48		evening set	-11538 Oct 24 j 11:56	25° IV 32'36	
evening set	-11539 Nov 10 j 08:25	12° V 31'07		inferior conj	-11538 Oct 31 j 04:32	20° IV 21'03	3°31'38
inferior conj	-11539 Nov 17 j 12:37	7° V 40'05	4°04'05	minimum elong	-11538 Oct 31 j 00:46	20° IV 30'28	3°31'16
minimum elong	-11539 Nov 17 j 09:50	7° V 46'12	4°04'01	min. Earth dist.	-11538 Nov 02 j 21:28	17° IV 39'28	0.62223 AU
min. Earth dist.	-11539 Nov 20 j 15:11	4° V 57'06	0.60434 AU	morning rise	-11538 Nov 06 j 12:32	14° IV 33'44	
morning rise	-11539 Nov 24 j 09:51	2° V 09'43		direct	-11538 Nov 13 j 14:06	12° IV 01'29	
direct	-11539 Dec 01 j 05:51	0° V 02'27		morning max el	-11538 Nov 27 j 09:43	19° IV 31'56	27°33'41
morning max el	-11539 Dec 15 j 05:28	7° V 26'15	27°07'18	desc. node	-11538 Dec 04 j 08:55	27° IV 17'38	
desc. node	-11539 Dec 17 j 12:16	9° V 45'18			-11538 Dec 06 j 11:28	0° VI	
	-11538 Jan 01 j 09:31	0° VI			-11538 Dec 25 j 03:52	0° VI	
morning set	-11538 Jan 15 j 07:41	25° VI 50'12		morning set	-11538 Dec 30 j 12:14	10° VI 28'53	
	-11538 Jan 17 j 07:20	0° VII		max. Earth dist.	-11537 Jan 05 j 08:33	22° VI 45'26	1.33083 AU
superior conj	-11538 Jan 22 j 09:38	11° VII 00'37	-0°40'51	superior conj	-11537 Jan 06 j 20:29	25° VI 59'25	-1°00'31
minimum elong	-11538 Jan 22 j 11:11	11° VII 09'02	0°40'57	minimum elong	-11537 Jan 06 j 22:29	26° VI 10'19	1°00'27
max. Earth dist.	-11538 Jan 21 j 21:50	9° VII 56'12	1.32800 AU		-11537 Jan 08 j 16:49	0° VII	
asc. node	-11538 Jan 26 j 19:09	20° VII 34'15		evening rise	-11537 Jan 13 j 21:33	11° VII 09'21	
evening rise	-11538 Jan 29 j 10:34	26° VII 10'58		asc. node	-11537 Jan 13 j 16:26	10° VII 42'25	
	-11538 Jan 31 j 06:55	0° VIII			-11537 Jan 23 j 15:53	0° VIII	
	-11538 Feb 17 j 21:00	0° VIII		evening max el	-11537 Feb 08 j 00:24	20° VIII 42'48	24°20'54
evening max el	-11538 Feb 26 j 06:35	9° VIII 43'51	25°45'56	retrograde	-11537 Feb 21 j 19:12	27° VIII 34'36	
retrograde	-11538 Mar 12 j 08:37	16° VIII 57'34		evening set	-11537 Feb 26 j 04:19	26° VIII 51'31	
desc. node	-11538 Mar 15 j 13:10	16° VIII 32'47		desc. node	-11537 Mar 02 j 10:11	24° VIII 57'17	
evening set	-11538 Mar 17 j 20:06	15° VIII 45'16		min. Earth dist.	-11537 Mar 04 j 13:42	23° VIII 40'55	0.56604 AU
min. Earth dist.	-11538 Mar 22 j 19:47	12° VIII 51'11	0.58222 AU	inferior conj	-11537 Mar 06 j 23:57	22° VIII 08'25	-1°08'29
inferior conj	-11538 Mar 26 j 00:32	10° VIII 32'00	-2°24'00	minimum elong	-11537 Mar 06 j 21:24	22° VIII 12'29	1°08'21
minimum elong	-11538 Mar 25 j 20:52	10° VIII 38'42	2°23'49	morning rise	-11537 Mar 15 j 17:34	17° VIII 59'52	
morning rise	-11538 Apr 03 j 00:47	6° VIII 07'35		direct	-11537 Mar 17 j 21:49	17° VIII 46'55	
direct	-11538 Apr 05 j 08:15	5° VIII 50'09		morning max el	-11537 Mar 27 j 12:52	22° VIII 19'29	19°34'46
morning max el	-11538 Apr 13 j 13:02	9° VIII 44'36	18°44'13		-11537 Apr 02 j 19:01	0° IX	
asc. node	-11538 Apr 24 j 18:12	26° VIII 02'42		asc. node	-11537 Apr 11 j 15:07	15° VIII 33'19	
	-11538 Apr 26 j 21:16	0° IX		morning set	-11537 Apr 13 j 20:53	19° VIII 59'05	
morning set	-11538 Apr 29 j 21:40	5° IX 47'08			-11537 Apr 18 j 20:36	0° IX	
superior conj	-11538 May 08 j 21:16	23° IX 04'52	1°39'48	superior conj	-11537 Apr 22 j 02:12	6° IX 25'18	1°23'54
minimum elong	-11538 May 08 j 18:36	22° IX 52'22	1°39'13	minimum elong	-11537 Apr 21 j 23:10	6° IX 10'22	1°23'00
	-11538 May 12 j 14:53	0° X		max. Earth dist.	-11537 Apr 27 j 20:18	17° IX 27'10	1.37351 AU

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening rise	-11537 May 01 j 20:41	24° \approx 47'12		superior conj	-11536 Apr 04 j 18:56	20° \approx 24'36	1°03'40
	-11537 May 04 j 19:47	0° \mathbb{H}		minimum elong	-11536 Apr 04 j 16:20	20° \approx 11'20	1°02'38
	-11537 May 24 j 00:37	0° \mathbb{Y}		max. Earth dist.	-11536 Apr 09 j 04:08	29° \approx 11'28	1.35769 AU
desc. node	-11537 May 29 j 08:22	7° \mathbb{Y} 06'39			-11536 Apr 09 j 14:03	0° \approx	
evening max el	-11537 Jun 06 j 17:36	16° \mathbb{Y} 45'29	25°18'07	evening rise	-11536 Apr 13 j 13:39	7° \approx 36'57	
retrograde	-11537 Jun 18 j 15:56	23° \mathbb{Y} 45'38			-11536 Apr 26 j 12:30	0° \mathbb{H}	
evening set	-11537 Jun 24 j 14:42	21° \mathbb{Y} 09'49		desc. node	-11536 May 15 j 05:47	25° \mathbb{H} 56'28	
min. Earth dist.	-11537 Jun 28 j 23:39	16° \mathbb{Y} 10'11	0.66726 AU	evening max el	-11536 May 19 j 03:50	0° \mathbb{Y} 07'20	26°24'15
inferior conj	-11537 Jun 29 j 22:44	14° \mathbb{Y} 54'06	-2°26'03		-11536 May 19 j 00:52	0° \mathbb{Y}	
minimum elong	-11537 Jun 30 j 01:05	14° \mathbb{Y} 46'21	2°25'17	retrograde	-11536 May 31 j 22:40	7° \mathbb{Y} 29'16	
morning rise	-11537 Jul 05 j 11:29	8° \mathbb{Y} 53'17		evening set	-11536 Jun 07 j 10:03	4° \mathbb{Y} 43'30	
asc. node	-11537 Jul 08 j 15:53	7° \mathbb{Y} 40'28		min. Earth dist.	-11536 Jun 11 j 10:53	0° \mathbb{Y} 23'02	0.65931 AU
direct	-11537 Jul 09 j 00:54	7° \mathbb{Y} 39'40			-11536 Jun 11 j 18:21	30° \mathbb{R} \mathbb{H}	
morning max el	-11537 Jul 16 j 12:50	12° \mathbb{Y} 01'23	19°50'04	inferior conj	-11536 Jun 12 j 23:14	28° \mathbb{H} 30'03	-2°57'29
	-11537 Jul 29 j 20:00	0° \mathbb{B}		minimum elong	-11536 Jun 13 j 01:31	28° \mathbb{H} 22'57	2°57'04
morning set	-11537 Aug 10 j 21:58	18° \mathbb{B} 38'16		morning rise	-11536 Jun 18 j 17:07	22° \mathbb{H} 41'53	
	-11537 Aug 18 j 04:02	0° \mathbb{II}		direct	-11536 Jun 21 j 22:37	21° \mathbb{H} 42'11	
max. Earth dist.	-11537 Aug 23 j 10:17	8° \mathbb{II} 19'49	1.44092 AU	asc. node	-11536 Jun 24 j 12:41	22° \mathbb{H} 18'35	
desc. node	-11537 Aug 25 j 05:25	11° \mathbb{II} 11'59		morning max el	-11536 Jun 28 j 19:37	25° \mathbb{H} 34'48	18°57'46
					-11536 Jul 02 j 13:15	0° \mathbb{Y}	
superior conj	-11537 Aug 27 j 09:10	14° \mathbb{II} 39'50	-0°12'57	morning set	-11536 Jul 20 j 15:02	27° \mathbb{Y} 47'14	
minimum elong	-11537 Aug 27 j 07:47	14° \mathbb{II} 34'16	0°12'10		-11536 Jul 22 j 00:17	0° \mathbb{B}	
behind sun begin	-11537 Aug 27 j 00:29	14° \mathbb{II} 04'50		max. Earth dist.	-11536 Aug 05 j 02:20	22° \mathbb{B} 21'21	1.44581 AU
behind sun end	-11537 Aug 27 j 15:06	15° \mathbb{II} 03'44					
	-11537 Sep 05 j 17:49	0° \mathbb{E}		superior conj	-11536 Aug 05 j 12:55	23° \mathbb{B} 03'14	0°32'45
evening rise	-11537 Sep 10 j 08:58	7° \mathbb{E} 46'11		minimum elong	-11536 Aug 05 j 16:52	23° \mathbb{B} 18'52	0°32'47
	-11537 Sep 24 j 00:31	0° \mathbb{Q}			-11536 Aug 09 j 22:09	0° \mathbb{II}	
evening max el	-11537 Sep 28 j 18:17	5° \mathbb{Q} 55'33	18°19'55	desc. node	-11536 Aug 11 j 02:40	1° \mathbb{II} 53'10	
asc. node	-11537 Oct 04 j 15:53	9° \mathbb{Q} 29'34		evening rise	-11536 Aug 21 j 09:16	18° \mathbb{II} 19'47	
retrograde	-11537 Oct 05 j 09:03	9° \mathbb{Q} 32'18			-11536 Aug 28 j 15:08	0° \mathbb{E}	
evening set	-11537 Oct 08 j 03:12	8° \mathbb{Q} 51'59		evening max el	-11536 Sep 11 j 06:46	19° \mathbb{E} 24'44	18°50'02
inferior conj	-11537 Oct 14 j 09:31	3° \mathbb{Q} 22'37	2°47'50	retrograde	-11536 Sep 18 j 02:00	23° \mathbb{E} 14'11	
minimum elong	-11537 Oct 14 j 05:58	3° \mathbb{Q} 32'29	2°47'22	asc. node	-11536 Sep 20 j 13:01	22° \mathbb{E} 39'52	
min. Earth dist.	-11537 Oct 16 j 13:56	0° \mathbb{Q} 57'12	0.63800 AU	evening set	-11536 Sep 21 j 02:43	22° \mathbb{E} 22'11	
	-11537 Oct 17 j 11:28	30° \mathbb{R} \mathbb{E}		inferior conj	-11536 Sep 27 j 00:19	16° \mathbb{E} 37'54	1°58'06
morning rise	-11537 Oct 20 j 07:58	27° \mathbb{E} 21'39		minimum elong	-11536 Sep 26 j 21:39	16° \mathbb{E} 45'58	1°57'49
direct	-11537 Oct 27 j 05:57	24° \mathbb{E} 37'54		min. Earth dist.	-11536 Sep 28 j 15:52	14° \mathbb{E} 38'11	0.65094 AU
	-11537 Nov 07 j 09:08	0° \mathbb{Q}		morning rise	-11536 Oct 02 j 16:05	10° \mathbb{E} 26'44	
morning max el	-11537 Nov 09 j 18:11	2° \mathbb{Q} 11'13	27°25'29	direct	-11536 Oct 09 j 04:21	7° \mathbb{E} 44'09	
desc. node	-11537 Nov 21 j 05:35	15° \mathbb{Q} 51'14		morning max el	-11536 Oct 22 j 04:14	15° \mathbb{E} 12'09	26°46'36
	-11537 Nov 30 j 16:00	0° \mathbb{P}			-11536 Nov 03 j 11:36	0° \mathbb{Q}	
morning set	-11537 Dec 14 j 09:33	24° \mathbb{P} 42'22		desc. node	-11536 Nov 07 j 02:17	5° \mathbb{Q} 07'40	
	-11537 Dec 17 j 00:46	0° \mathbb{L}			-11536 Nov 22 j 08:35	0° \mathbb{P}	
max. Earth dist.	-11537 Dec 19 j 12:43	5° \mathbb{L} 09'53	1.33749 AU	morning set	-11536 Nov 26 j 20:11	8° \mathbb{P} 18'44	
				max. Earth dist.	-11536 Dec 01 j 07:05	17° \mathbb{P} 01'47	1.34842 AU
superior conj	-11537 Dec 22 j 04:33	10° \mathbb{L} 46'59	-1°17'17				
minimum elong	-11537 Dec 22 j 06:39	10° \mathbb{L} 58'13	1°17'07	superior conj	-11536 Dec 05 j 07:39	25° \mathbb{P} 15'08	-1°30'10
evening rise	-11537 Dec 29 j 08:42	26° \mathbb{L} 04'33		minimum elong	-11536 Dec 05 j 09:23	25° \mathbb{P} 24'06	1°29'57
	-11537 Dec 31 j 06:12	0° \mathbb{M}			-11536 Dec 07 j 14:13	0° \mathbb{L}	
asc. node	-11537 Dec 31 j 13:45	0° \mathbb{M} 38'33		evening rise	-11536 Dec 12 j 18:17	10° \mathbb{L} 49'48	
	-11536 Jan 19 j 03:52	0° \mathbb{X}		asc. node	-11536 Dec 17 j 11:06	20° \mathbb{L} 16'00	
evening max el	-11536 Jan 20 j 18:12	1° \mathbb{X} 34'58	22°47'08		-11536 Dec 22 j 21:50	0° \mathbb{M}	
retrograde	-11536 Feb 02 j 17:36	7° \mathbb{X} 50'01		evening max el	-11535 Jan 01 j 17:15	12° \mathbb{M} 41'55	21°17'21
evening set	-11536 Feb 06 j 03:20	7° \mathbb{X} 24'41		retrograde	-11535 Jan 13 j 07:58	18° \mathbb{M} 10'06	
min. Earth dist.	-11536 Feb 14 j 05:27	3° \mathbb{X} 45'38	0.55629 AU	evening set	-11535 Jan 16 j 03:59	17° \mathbb{M} 51'42	
inferior conj	-11536 Feb 15 j 05:59	3° \mathbb{X} 10'00	0°31'37	inferior conj	-11535 Jan 25 j 03:23	13° \mathbb{M} 52'11	2°14'40
minimum elong	-11536 Feb 15 j 07:19	3° \mathbb{X} 08'04	0°30'37	minimum elong	-11535 Jan 25 j 08:34	13° \mathbb{M} 44'45	2°12'47
desc. node	-11536 Feb 17 j 07:04	1° \mathbb{X} 59'49		min. Earth dist.	-11535 Jan 25 j 19:36	13° \mathbb{M} 28'58	0.55493 AU
	-11536 Feb 21 j 10:27	30° \mathbb{R} \mathbb{M}		desc. node	-11535 Feb 03 j 03:54	9° \mathbb{M} 44'40	
morning rise	-11536 Feb 24 j 12:44	29° \mathbb{M} 06'51		morning rise	-11535 Feb 03 j 12:25	9° \mathbb{M} 39'53	
direct	-11536 Feb 26 j 19:32	28° \mathbb{M} 54'26		direct	-11535 Feb 06 j 10:35	9° \mathbb{M} 20'56	
	-11536 Mar 02 j 22:02	0° \mathbb{X}		morning max el	-11535 Feb 19 j 04:34	15° \mathbb{M} 32'49	22°11'15
morning max el	-11536 Mar 09 j 02:26	4° \mathbb{X} 16'47	20°44'35		-11535 Mar 02 j 05:32	0° \mathbb{X}	
	-11536 Mar 25 j 20:06	0° \mathbb{B}		morning set	-11535 Mar 12 j 12:42	19° \mathbb{X} 28'34	
morning set	-11536 Mar 28 j 02:42	4° \mathbb{B} 35'30		asc. node	-11535 Mar 15 j 09:13	25° \mathbb{X} 28'01	
asc. node	-11536 Mar 28 j 12:08	5° \mathbb{B} 23'45			-11535 Mar 17 j 12:36	0° \mathbb{B}	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11535 Mar 19 j 19:56	4° Z 51'54	0°41'04	superior conj	-11534 Mar 04 j 02:31	19° Z 38'28	0°17'31
minimum elong	-11535 Mar 19 j 18:12	4° Z 42'45	0°40'06	minimum elong	-11534 Mar 04 j 01:47	19° Z 34'33	0°16'45
max. Earth dist.	-11535 Mar 22 j 22:19	11° Z 18'17	1.34513 AU	max. Earth dist.	-11534 Mar 06 j 01:57	23° Z 51'39	1.33603 AU
evening rise	-11535 Mar 27 j 21:48	21° Z 15'14			-11534 Mar 09 j 00:16	0° Z	
	-11535 Apr 01 j 13:16	0° \approx		evening rise	-11534 Mar 11 j 16:43	5° Z 27'50	
	-11535 Apr 20 j 08:31	0° H			-11534 Mar 25 j 05:15	0° \approx	
evening max el	-11535 May 01 j 14:53	13° H 22'28	27°09'33	evening max el	-11534 Apr 14 j 00:53	26° \approx 18'19	27°27'04
desc. node	-11535 May 02 j 03:08	13° H 52'06			-11534 Apr 18 j 07:26	0° H	
retrograde	-11535 May 15 j 00:02	20° H 54'19		desc. node	-11534 Apr 19 j 00:26	0° H 30'54	
evening set	-11535 May 21 j 20:19	18° H 08'55		retrograde	-11534 Apr 27 j 19:23	3° H 52'11	
min. Earth dist.	-11535 May 25 j 14:56	14° H 25'38	0.64745 AU	evening set	-11534 May 04 j 18:19	1° H 19'45	
inferior conj	-11535 May 27 j 17:42	12° H 00'20	-3°19'40		-11534 May 06 j 10:04	30° R \approx	
minimum elong	-11535 May 27 j 19:21	11° H 55'34	3°19'43	min. Earth dist.	-11534 May 08 j 10:07	28° \approx 07'04	0.63179 AU
morning rise	-11535 Jun 02 j 18:49	6° H 27'36		inferior conj	-11534 May 11 j 03:19	25° \approx 19'09	-3°29'37
direct	-11535 Jun 05 j 18:07	5° H 39'48		minimum elong	-11534 May 11 j 03:42	25° \approx 18'07	3°30'00
asc. node	-11535 Jun 11 j 09:30	8° H 21'06		morning rise	-11534 May 17 j 14:07	20° \approx 04'18	
morning max el	-11535 Jun 12 j 06:57	9° H 12'20	18°22'03	direct	-11534 May 20 j 08:26	19° \approx 26'48	
	-11535 Jun 26 j 12:09	0° Y		morning max el	-11534 May 26 j 20:41	22° \approx 49'33	18°04'04
morning set	-11535 Jul 01 j 08:26	8° Y 04'04		asc. node	-11534 May 29 j 06:19	25° \approx 31'41	
	-11535 Jul 14 j 18:10	0° Z			-11534 Jun 01 j 11:50	0° H	
				morning set	-11534 Jun 13 j 02:27	19° H 29'49	
superior conj	-11535 Jul 15 j 15:01	1° Z 23'33	1°13'15		-11534 Jun 19 j 04:09	0° Y	
minimum elong	-11535 Jul 15 j 21:38	1° Z 50'03	1°12'55	superior conj	-11534 Jun 25 j 11:58	10° Y 39'33	1°39'17
max. Earth dist.	-11535 Jul 18 j 19:01	6° Z 26'35	1.44363 AU	minimum elong	-11534 Jun 25 j 16:24	10° Y 57'57	1°39'06
desc. node	-11535 Jul 29 j 00:01	22° Z 31'54		max. Earth dist.	-11534 Jul 01 j 08:57	20° Y 16'04	1.43473 AU
evening rise	-11535 Aug 01 j 06:27	27° Z 38'43			-11534 Jul 07 j 11:30	0° Z	
	-11535 Aug 02 j 18:38	0° II		evening rise	-11534 Jul 11 j 08:40	6° Z 04'29	
greatest brilliancy	-11535 Aug 12 j 06:52	14° II 43'31	-0.7m	desc. node	-11534 Jul 15 j 21:24	13° Z 04'14	
	-11535 Aug 23 j 01:27	0° Z			-11534 Jul 27 j 04:15	0° II	
evening max el	-11535 Aug 25 j 15:24	2° Z 54'48	19°36'32	evening max el	-11534 Aug 08 j 17:56	16° II 21'25	20°37'53
retrograde	-11535 Sep 01 j 22:02	7° Z 06'00		retrograde	-11534 Aug 16 j 18:48	21° II 03'41	
evening set	-11535 Sep 05 j 07:36	5° Z 58'57		evening set	-11534 Aug 20 j 15:21	19° II 38'30	
asc. node	-11535 Sep 07 j 10:04	4° Z 12'58		asc. node	-11534 Aug 25 j 07:04	14° II 32'55	
inferior conj	-11535 Sep 10 j 22:12	0° Z 02'41	1°06'03	inferior conj	-11534 Aug 26 j 00:48	13° II 33'16	0°14'05
minimum elong	-11535 Sep 10 j 20:41	0° Z 07'34	1°06'07	minimum elong	-11534 Aug 26 j 00:29	13° II 34'22	0°14'33
	-11535 Sep 10 j 23:02	30° R II		transit middle	-11534 Aug 26 j 00:29	13° II 34'22	0°14'33
min. Earth dist.	-11535 Sep 12 j 01:41	28° II 33'50	0.66078 AU	transit begin	-11534 Aug 25 j 23:13	13° II 38'38	
morning rise	-11535 Sep 16 j 09:29	23° II 44'58		transit end	-11534 Aug 26 j 01:44	13° II 30'07	
direct	-11535 Sep 22 j 08:32	21° II 12'49		min. Earth dist.	-11534 Aug 26 j 17:13	12° II 37'48	0.66756 AU
morning max el	-11535 Oct 04 j 14:14	28° II 24'22	25°44'04	morning rise	-11534 Aug 31 j 09:27	7° II 12'38	
	-11535 Oct 06 j 03:19	0° Z		direct	-11534 Sep 05 j 18:01	4° II 56'23	
desc. node	-11535 Oct 24 j 23:05	24° Z 54'48		morning max el	-11534 Sep 17 j 00:02	11° II 39'43	24°26'25
	-11535 Oct 28 j 05:48	0° Z			-11534 Oct 01 j 17:04	0° Z	
morning set	-11535 Nov 09 j 15:51	21° Z 05'48		desc. node	-11534 Oct 11 j 19:57	15° Z 03'12	
max. Earth dist.	-11535 Nov 13 j 14:55	28° Z 28'41	1.36362 AU		-11534 Oct 20 j 23:50	0° Z	
	-11535 Nov 14 j 10:02	0° R		morning set	-11534 Oct 22 j 15:19	2° Z 49'34	
				max. Earth dist.	-11534 Oct 26 j 15:14	9° Z 53'14	1.38209 AU
superior conj	-11535 Nov 19 j 03:11	9° R 15'45	-1°37'47	superior conj	-11534 Nov 02 j 11:37	22° Z 38'35	-1°38'26
minimum elong	-11535 Nov 19 j 03:57	9° R 19'36	1°37'30	minimum elong	-11534 Nov 02 j 10:49	22° Z 34'43	1°37'59
evening rise	-11535 Nov 27 j 00:35	25° R 19'56			-11534 Nov 06 j 06:22	0° R	
	-11535 Nov 29 j 08:19	0° Z		evening rise	-11534 Nov 11 j 01:24	9° R 28'52	
asc. node	-11535 Dec 04 j 08:27	9° Z 27'53		asc. node	-11534 Nov 21 j 05:45	28° R 05'42	
evening max el	-11535 Dec 15 j 01:19	24° Z 18'32	20°01'00		-11534 Nov 22 j 11:55	0° Z	
retrograde	-11535 Dec 25 j 02:05	29° Z 01'33		evening max el	-11534 Nov 27 j 19:37	6° Z 29'35	19°03'21
evening set	-11535 Dec 27 j 16:24	28° Z 44'01		retrograde	-11534 Dec 06 j 10:39	10° Z 37'20	
inferior conj	-11534 Jan 05 j 05:27	24° Z 41'29	3°32'46	evening set	-11534 Dec 08 j 22:41	10° Z 17'59	
minimum elong	-11534 Jan 05 j 10:41	24° Z 33'23	3°31'34	inferior conj	-11534 Dec 16 j 22:56	6° Z 00'16	4°11'38
min. Earth dist.	-11534 Jan 07 j 08:44	23° Z 22'34	0.56208 AU	minimum elong	-11534 Dec 17 j 00:55	5° Z 56'47	4°11'28
morning rise	-11534 Jan 14 j 03:06	20° Z 08'00		min. Earth dist.	-11534 Dec 19 j 22:51	3° Z 54'33	0.57590 AU
direct	-11534 Jan 18 j 05:46	19° Z 30'33		morning rise	-11534 Dec 25 j 01:04	1° Z 02'06	
desc. node	-11534 Jan 21 j 00:41	19° Z 48'17			-11534 Dec 28 j 16:46	30° R R	
morning max el	-11534 Jan 31 j 21:51	26° Z 19'03	23°47'43	direct	-11534 Dec 30 j 11:49	29° R 52'18	
	-11534 Feb 04 j 09:28	0° R			-11533 Jan 01 j 06:57	0° Z	
	-11534 Feb 22 j 20:20	0° Z		desc. node	-11533 Jan 07 j 21:25	2° Z 33'48	
morning set	-11534 Feb 25 j 00:49	4° Z 31'02		morning max el	-11533 Jan 13 j 12:41	7° Z 02'01	25°21'15
asc. node	-11534 Mar 02 j 06:21	15° Z 41'00					

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11533 Jan 30 j 09:25	0°♌		morning max el	-11533 Dec 26 j 07:01	18°♏07'22	26°36'45
morning set	-11533 Feb 09 j 13:17	19°♌36'33			-11532 Jan 05 j 07:10	0°♏	
	-11533 Feb 14 j 09:34	0°♏			-11532 Jan 22 j 18:17	0°♌	
				morning set	-11532 Jan 25 j 00:13	4°♌37'14	
superior conj	-11533 Feb 16 j 12:35	4°♏37'26	-0°05'59				
minimum elong	-11533 Feb 16 j 12:51	4°♏38'54	0°06'29	superior conj	-11532 Feb 01 j 00:15	19°♌41'12	-0°28'32
behind sun begin	-11533 Feb 16 j 08:14	4°♏13'44		minimum elong	-11532 Feb 01 j 01:23	19°♌47'25	0°28'47
behind sun end	-11533 Feb 16 j 17:29	5°♏04'03		max. Earth dist.	-11532 Feb 01 j 01:19	19°♌47'03	1.32784 AU
asc. node	-11533 Feb 17 j 03:31	5°♏58'32		asc. node	-11532 Feb 04 j 00:43	26°♌15'47	
max. Earth dist.	-11533 Feb 17 j 12:10	6°♏45'28	1.33028 AU		-11532 Feb 05 j 18:25	0°♏	
evening rise	-11533 Feb 23 j 19:06	20°♏04'20		evening rise	-11532 Feb 08 j 02:21	4°♏54'57	
	-11533 Feb 28 j 19:43	0°♏			-11532 Feb 21 j 14:40	0°♏	
	-11533 Mar 19 j 14:25	0°♏		evening max el	-11532 Mar 08 j 09:01	20°♏32'13	26°25'46
evening max el	-11533 Mar 27 j 07:32	8°♏43'57	27°12'33	retrograde	-11532 Mar 22 j 12:14	27°♏54'39	
desc. node	-11533 Apr 05 j 21:38	15°♏23'20		desc. node	-11532 Mar 22 j 18:46	27°♏54'28	
retrograde	-11533 Apr 10 j 08:00	16°♏14'50		evening set	-11532 Mar 28 j 12:40	26°♏22'26	
evening set	-11533 Apr 17 j 00:43	14°♏08'09		min. Earth dist.	-11532 Apr 01 j 22:26	23°♏32'04	0.59313 AU
min. Earth dist.	-11533 Apr 20 j 20:14	11°♏14'04	0.61309 AU	inferior conj	-11532 Apr 05 j 06:35	20°♏53'43	-2°53'37
inferior conj	-11533 Apr 24 j 00:50	8°♏20'01	-3°22'55	minimum elong	-11532 Apr 05 j 03:25	21°♏00'01	2°53'41
minimum elong	-11533 Apr 23 j 23:26	8°♏23'13	3°23'20	morning rise	-11532 Apr 12 j 21:03	16°♏18'16	
morning rise	-11533 May 01 j 00:03	3°♏24'40		direct	-11532 Apr 15 j 06:42	15°♏57'22	
direct	-11533 May 03 j 13:59	2°♏56'10		morning max el	-11532 Apr 22 j 20:46	19°♏37'09	18°24'08
morning max el	-11533 May 10 j 10:15	6°♏20'49	18°04'34		-11532 Apr 30 j 14:40	0°♏	
asc. node	-11533 May 16 j 03:10	13°♏35'59		asc. node	-11532 May 02 j 00:01	2°♏20'58	
	-11533 May 25 j 15:38	0°♏		morning set	-11532 May 08 j 23:38	15°♏11'27	
morning set	-11533 May 26 j 17:08	1°♏56'11			-11532 May 16 j 19:59	0°♏	
superior conj	-11533 Jun 06 j 11:59	21°♏16'18	1°49'08	superior conj	-11532 May 18 j 12:43	3°♏07'33	1°45'58
minimum elong	-11533 Jun 06 j 12:43	21°♏19'27	1°49'00	minimum elong	-11532 May 18 j 10:51	2°♏58'58	1°45'35
	-11533 Jun 11 j 14:27	0°♏		max. Earth dist.	-11532 May 25 j 19:43	16°♏05'17	1.40256 AU
max. Earth dist.	-11533 Jun 13 j 17:17	3°♏32'09	1.42037 AU	evening rise	-11532 May 30 j 15:14	24°♏13'31	
evening rise	-11533 Jun 20 j 13:04	14°♏36'55			-11532 Jun 03 j 04:01	0°♏	
	-11533 Jun 30 j 11:38	0°♏		desc. node	-11532 Jun 18 j 16:13	23°♏33'25	
desc. node	-11533 Jul 02 j 18:48	3°♏26'25			-11532 Jun 23 j 07:36	0°♏	
evening max el	-11533 Jul 22 j 13:26	29°♏43'47	21°51'18	evening max el	-11532 Jul 04 j 02:59	13°♏04'04	23°12'18
	-11533 Jul 22 j 19:52	0°♏		retrograde	-11532 Jul 14 j 07:40	19°♏07'12	
retrograde	-11533 Jul 31 j 14:29	5°♏04'59		evening set	-11532 Jul 19 j 07:20	17°♏00'30	
evening set	-11533 Aug 04 j 23:53	3°♏19'24		inferior conj	-11532 Jul 24 j 12:32	10°♏45'49	-1°22'42
	-11533 Aug 08 j 02:59	30°♏8'8		minimum elong	-11532 Jul 24 j 14:09	10°♏40'15	1°21'44
inferior conj	-11533 Aug 10 j 06:11	27°♏08'05	-0°36'00	min. Earth dist.	-11532 Jul 24 j 07:54	11°♏01'48	0.67235 AU
minimum elong	-11533 Aug 10 j 06:56	27°♏05'31	0°35'12	asc. node	-11532 Jul 29 j 00:53	5°♏14'00	
min. Earth dist.	-11533 Aug 10 j 12:07	26°♏47'37	0.67144 AU	morning rise	-11532 Jul 29 j 20:52	4°♏30'41	
asc. node	-11533 Aug 12 j 04:00	24°♏32'43		direct	-11532 Aug 03 j 02:44	2°♏50'46	
morning rise	-11533 Aug 15 j 13:51	20°♏48'21		morning max el	-11532 Aug 12 j 01:56	8°♏13'13	21°40'30
direct	-11533 Aug 20 j 08:24	18°♏50'11			-11532 Aug 28 j 15:07	0°♏	
morning max el	-11533 Aug 30 j 11:04	24°♏55'23	23°02'29	morning set	-11532 Sep 12 j 09:56	22°♏32'54	
	-11533 Sep 03 j 23:31	0°♏		desc. node	-11532 Sep 14 j 13:48	25°♏59'17	
	-11533 Sep 25 j 05:36	0°♏			-11532 Sep 17 j 01:31	0°♏	
desc. node	-11533 Sep 28 j 16:50	5°♏26'16		max. Earth dist.	-11532 Sep 19 j 17:16	4°♏20'50	1.42049 AU
morning set	-11533 Oct 03 j 13:35	13°♏18'07					
max. Earth dist.	-11533 Oct 08 j 14:01	21°♏43'56	1.40192 AU	superior conj	-11532 Sep 26 j 23:48	16°♏37'54	-1°09'52
	-11533 Oct 13 j 07:29	0°♏		minimum elong	-11532 Sep 26 j 19:33	16°♏19'31	1°08'49
					-11532 Oct 04 j 12:56	0°♏	
superior conj	-11533 Oct 16 j 04:21	5°♏10'41	-1°29'54	evening rise	-11532 Oct 07 j 23:08	6°♏13'22	
minimum elong	-11533 Oct 16 j 01:35	4°♏58'04	1°29'10		-11532 Oct 22 j 08:19	0°♏	
evening rise	-11533 Oct 25 j 18:04	23°♏09'23		evening max el	-11532 Oct 24 j 08:38	2°♏14'39	18°08'38
	-11533 Oct 29 j 09:01	0°♏		asc. node	-11532 Oct 25 j 00:17	2°♏52'01	
asc. node	-11533 Nov 08 j 03:02	15°♏58'17		retrograde	-11532 Oct 31 j 06:48	5°♏48'19	
evening max el	-11533 Nov 10 j 22:55	19°♏10'43	18°25'58	evening set	-11532 Nov 02 j 19:25	5°♏20'18	
retrograde	-11533 Nov 18 j 12:48	22°♏55'32		inferior conj	-11532 Nov 09 j 18:35	0°♏20'37	3°52'07
evening set	-11533 Nov 21 j 00:18	22°♏32'41		minimum elong	-11532 Nov 09 j 15:11	0°♏28'30	3°51'55
inferior conj	-11533 Nov 28 j 11:40	17°♏54'30	4°14'35		-11532 Nov 10 j 03:25	30°♏8'8	
minimum elong	-11533 Nov 28 j 10:12	17°♏57'29	4°14'40	min. Earth dist.	-11532 Nov 12 j 17:51	27°♏35'51	0.61218 AU
min. Earth dist.	-11533 Dec 01 j 16:51	15°♏18'52	0.59359 AU	morning rise	-11532 Nov 16 j 09:41	24°♏42'51	
morning rise	-11533 Dec 05 j 18:21	12°♏34'46		direct	-11532 Nov 23 j 09:36	22°♏22'59	
direct	-11533 Dec 12 j 05:47	10°♏46'43			-11532 Dec 07 j 11:43	0°♏	
desc. node	-11533 Dec 25 j 18:06	17°♏36'51		morning max el	-11532 Dec 07 j 07:34	29°♏49'58	27°22'41

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

desc. node	-11532 Dec 11 j 14:45	4° \mathbb{M} 23'36		morning max el	-11531 Nov 19 j 13:46	12° Ω 10'22	27°34'12
	-11532 Dec 29 j 03:11	0° $\underline{\Omega}$		desc. node	-11531 Nov 28 j 11:24	22° Ω 24'16	
morning set	-11531 Jan 08 j 07:43	19° $\underline{\Omega}$ 26'05			-11531 Dec 03 j 22:29	0° \mathbb{M}	
	-11531 Jan 13 j 07:37	0° \mathbb{M}			-11531 Dec 21 j 10:16	0° $\underline{\Omega}$	
max. Earth dist.	-11531 Jan 14 j 13:58	2° \mathbb{M} 44'25	1.32878 AU	morning set	-11531 Dec 23 j 09:32	3° $\underline{\Omega}$ 54'45	
				max. Earth dist.	-11531 Dec 28 j 22:24	15° $\underline{\Omega}$ 24'22	1.33325 AU
superior conj	-11531 Jan 15 j 11:53	4° \mathbb{M} 43'41	-0°49'29				
minimum elong	-11531 Jan 15 j 13:40	4° \mathbb{M} 53'22	0°49'31	superior conj	-11531 Dec 30 j 21:47	19° $\underline{\Omega}$ 38'16	-1°08'02
asc. node	-11531 Jan 20 j 21:57	16° \mathbb{M} 28'32		minimum elong	-11531 Dec 30 j 23:53	19° $\underline{\Omega}$ 49'36	1°07'56
evening rise	-11531 Jan 22 j 12:31	19° \mathbb{M} 52'33			-11530 Jan 04 j 17:05	0° \mathbb{M}	
	-11531 Jan 27 j 12:49	0° \mathbb{M}		evening rise	-11530 Jan 06 j 23:47	4° \mathbb{M} 50'20	
	-11531 Feb 16 j 10:46	0° \mathbb{M}		asc. node	-11530 Jan 07 j 19:16	6° \mathbb{M} 32'10	
evening max el	-11531 Feb 18 j 05:16	1° \mathbb{M} 46'04	25°11'45		-11530 Jan 20 j 16:38	0° \mathbb{M}	
retrograde	-11531 Mar 04 j 05:38	8° \mathbb{M} 51'37		evening max el	-11530 Jan 30 j 22:34	12° \mathbb{M} 39'22	23°41'14
evening set	-11531 Mar 09 j 05:51	7° \mathbb{M} 53'17		retrograde	-11530 Feb 13 j 10:23	19° \mathbb{M} 16'31	
desc. node	-11531 Mar 09 j 15:50	7° \mathbb{M} 43'25		evening set	-11530 Feb 17 j 08:53	18° \mathbb{M} 42'25	
min. Earth dist.	-11531 Mar 14 j 18:47	4° \mathbb{M} 53'19	0.57474 AU	min. Earth dist.	-11530 Feb 24 j 11:24	15° \mathbb{M} 21'35	0.56100 AU
inferior conj	-11531 Mar 17 j 17:27	2° \mathbb{M} 52'26	-1°55'40	desc. node	-11530 Feb 24 j 12:48	15° \mathbb{M} 19'30	
minimum elong	-11531 Mar 17 j 13:54	2° \mathbb{M} 58'34	1°55'23	inferior conj	-11530 Feb 26 j 08:50	14° \mathbb{M} 12'48	-0°28'03
	-11531 Mar 22 j 07:50	30° \mathbb{M} 37		minimum elong	-11530 Feb 26 j 07:40	14° \mathbb{M} 14'34	0°28'18
morning rise	-11531 Mar 26 j 01:09	28° \mathbb{M} 35'09		morning rise	-11530 Mar 07 j 08:54	10° \mathbb{M} 08'08	
direct	-11531 Mar 28 j 06:55	28° \mathbb{M} 19'57		direct	-11530 Mar 09 j 13:24	9° \mathbb{M} 55'52	
	-11531 Apr 02 j 20:25	0° \mathbb{M}		morning max el	-11530 Mar 19 j 20:53	14° \mathbb{M} 48'25	20°02'14
morning max el	-11531 Apr 06 j 01:16	2° \mathbb{M} 29'18	19°03'16		-11530 Mar 30 j 19:28	0° \mathbb{M}	
asc. node	-11531 Apr 18 j 20:53	21° \mathbb{M} 37'04		asc. node	-11530 Apr 05 j 17:51	11° \mathbb{M} 16'58	
morning set	-11531 Apr 22 j 17:45	29° \mathbb{M} 05'16		morning set	-11530 Apr 06 j 20:08	13° \mathbb{M} 28'54	
	-11531 Apr 23 j 04:53	0° \mathbb{M}					
superior conj	-11531 May 01 j 08:50	15° \mathbb{M} 59'03	1°33'44	superior conj	-11530 Apr 14 j 19:17	29° \mathbb{M} 37'25	1°15'42
minimum elong	-11531 May 01 j 05:53	15° \mathbb{M} 44'53	1°33'00	minimum elong	-11530 Apr 14 j 16:22	29° \mathbb{M} 22'48	1°14'44
max. Earth dist.	-11531 May 07 j 19:57	28° \mathbb{M} 02'42	1.38382 AU		-11530 Apr 14 j 23:48	0° \mathbb{M}	
	-11531 May 08 j 22:01	0° \mathbb{M}		max. Earth dist.	-11530 Apr 19 j 23:43	9° \mathbb{M} 45'33	1.36640 AU
evening rise	-11531 May 11 j 20:55	5° \mathbb{M} 12'59		evening rise	-11530 Apr 24 j 02:42	17° \mathbb{M} 27'10	
	-11531 May 27 j 05:05	0° \mathbb{M}			-11530 May 01 j 06:39	0° \mathbb{M}	
desc. node	-11531 Jun 05 j 13:42	13° \mathbb{M} 18'17			-11530 May 21 j 10:36	0° \mathbb{M}	
evening max el	-11531 Jun 16 j 13:16	26° \mathbb{M} 24'52	24°34'06	desc. node	-11530 May 23 j 11:10	2° \mathbb{M} 31'59	
	-11531 Jun 20 j 13:59	0° \mathbb{M}		evening max el	-11530 May 29 j 23:01	9° \mathbb{M} 47'16	25°48'20
retrograde	-11531 Jun 27 j 21:13	3° \mathbb{M} 06'10		retrograde	-11530 Jun 11 j 06:29	16° \mathbb{M} 57'33	
evening set	-11531 Jul 03 j 11:45	0° \mathbb{M} 39'49		evening set	-11530 Jun 17 j 11:06	14° \mathbb{M} 16'23	
	-11531 Jul 04 j 04:43	30° \mathbb{M} 37		min. Earth dist.	-11530 Jun 21 j 16:25	9° \mathbb{M} 33'39	0.66436 AU
min. Earth dist.	-11531 Jul 08 j 02:06	25° \mathbb{M} 17'57	0.67011 AU	inferior conj	-11530 Jun 22 j 20:59	8° \mathbb{M} 01'38	-2°40'23
inferior conj	-11531 Jul 08 j 18:04	24° \mathbb{M} 24'05	-2°04'38	minimum elong	-11530 Jun 22 j 23:22	7° \mathbb{M} 53'58	2°39'44
minimum elong	-11531 Jul 08 j 20:15	24° \mathbb{M} 16'43	2°03'43	morning rise	-11530 Jun 28 j 11:41	2° \mathbb{M} 06'02	
morning rise	-11531 Jul 14 j 04:42	18° \mathbb{M} 17'10		direct	-11530 Jul 01 j 21:36	0° \mathbb{M} 58'31	
asc. node	-11531 Jul 15 j 21:44	17° \mathbb{M} 19'02		asc. node	-11530 Jul 02 j 18:32	1° \mathbb{M} 02'46	
direct	-11531 Jul 17 j 23:40	16° \mathbb{M} 54'20		morning max el	-11530 Jul 09 j 02:14	5° \mathbb{M} 06'21	19°26'00
morning max el	-11531 Jul 25 j 22:46	21° \mathbb{M} 36'07	20°26'52		-11530 Jul 26 j 15:57	0° \mathbb{M}	
	-11531 Aug 01 j 19:09	0° \mathbb{M}		morning set	-11530 Aug 01 j 21:08	9° \mathbb{M} 44'58	
	-11531 Aug 21 j 21:38	0° \mathbb{M}			-11530 Aug 14 j 17:38	0° \mathbb{M}	
morning set	-11531 Aug 22 j 13:58	1° \mathbb{M} 03'24		max. Earth dist.	-11530 Aug 15 j 18:19	1° \mathbb{M} 37'48	1.44390 AU
desc. node	-11531 Sep 01 j 10:53	16° \mathbb{M} 37'54					
max. Earth dist.	-11531 Sep 02 j 03:16	17° \mathbb{M} 43'43	1.43515 AU	superior conj	-11530 Aug 18 j 06:54	5° \mathbb{M} 38'40	0°06'18
				minimum elong	-11530 Aug 18 j 07:43	5° \mathbb{M} 41'56	0°06'47
superior conj	-11531 Sep 07 j 16:39	26° \mathbb{M} 46'21	-0°37'01	behind sun begin	-11530 Aug 17 j 21:27	5° \mathbb{M} 01'00	
minimum elong	-11531 Sep 07 j 13:10	26° \mathbb{M} 32'00	0°35'57	behind sun end	-11530 Aug 18 j 18:00	6° \mathbb{M} 22'55	
	-11531 Sep 09 j 15:27	0° \mathbb{M}		desc. node	-11530 Aug 19 j 08:05	7° \mathbb{M} 19'08	
evening rise	-11531 Sep 20 j 12:00	18° \mathbb{M} 29'31		evening rise	-11530 Sep 02 j 03:16	29° \mathbb{M} 45'00	
	-11531 Sep 27 j 03:59	0° \mathbb{M}			-11530 Sep 02 j 06:54	0° \mathbb{M}	
evening max el	-11531 Oct 07 j 21:43	15° \mathbb{M} 32'53	18°10'28	evening max el	-11530 Sep 21 j 11:11	28° \mathbb{M} 59'25	18°30'32
asc. node	-11531 Oct 11 j 21:31	18° \mathbb{M} 30'27			-11530 Sep 22 j 12:21	0° \mathbb{M}	
retrograde	-11531 Oct 14 j 12:51	19° \mathbb{M} 05'45		retrograde	-11530 Sep 28 j 02:57	2° \mathbb{M} 40'34	
evening set	-11531 Oct 17 j 04:26	18° \mathbb{M} 30'32		asc. node	-11530 Sep 28 j 18:41	2° \mathbb{M} 38'12	
inferior conj	-11531 Oct 23 j 16:29	13° \mathbb{M} 10'56	3°14'01	evening set	-11530 Sep 30 j 23:39	1° \mathbb{M} 55'35	
minimum elong	-11531 Oct 23 j 12:41	13° \mathbb{M} 20'52	3°13'34		-11530 Oct 03 j 15:13	30° \mathbb{M} 37	
min. Earth dist.	-11531 Oct 26 j 04:11	10° \mathbb{M} 35'02	0.62937 AU	inferior conj	-11530 Oct 07 j 02:02	26° \mathbb{M} 19'08	2°27'12
morning rise	-11531 Oct 29 j 20:03	7° \mathbb{M} 17'43		minimum elong	-11530 Oct 06 j 22:48	26° \mathbb{M} 28'28	2°26'47
direct	-11531 Nov 05 j 21:11	4° \mathbb{M} 39'02		min. Earth dist.	-11530 Oct 09 j 00:46	24° \mathbb{M} 04'07	0.64393 AU
				morning rise	-11530 Oct 12 j 21:20	20° \mathbb{M} 13'21	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

direct	-11530 Oct 19 j 15:38	17° ☿ 29'07		direct	-11529 Oct 02 j 16:31	0° ☿ 45'46	
morning max el	-11530 Nov 01 j 23:22	25° ☿ 00'50	27°12'19	morning max el	-11529 Oct 15 j 09:47	8° ☿ 09'03	26°22'28
	-11530 Nov 06 j 14:42	0° Ω			-11529 Nov 01 j 15:40	0° Ω	
desc. node	-11530 Nov 15 j 08:04	11° Ω 17'40		desc. node	-11529 Nov 02 j 04:48	0° Ω 48'45	
	-11530 Nov 27 j 07:39	0° ♊			-11529 Nov 19 j 16:18	0° ♊	
morning set	-11530 Dec 07 j 02:48	17° ♊ 53'49		morning set	-11529 Nov 20 j 07:46	1° ♊ 12'08	
max. Earth dist.	-11530 Dec 11 j 22:59	27° ♊ 36'29	1.34168 AU	max. Earth dist.	-11529 Nov 24 j 12:59	9° ♊ 17'27	1.35436 AU
	-11530 Dec 13 j 02:44	0° Ω					
superior conj	-11530 Dec 15 j 04:02	4° Ω 18'17	-1°23'18	superior conj	-11529 Nov 29 j 04:21	18° ♊ 36'33	-1°34'09
minimum elong	-11530 Dec 15 j 06:03	4° Ω 28'54	1°23'07	minimum elong	-11529 Nov 29 j 05:44	18° ♊ 43'42	1°33'54
evening rise	-11530 Dec 22 j 10:31	19° Ω 42'07		evening rise	-11529 Dec 06 j 19:00	4° Ω 22'25	
asc. node	-11530 Dec 25 j 16:37	26° Ω 21'08		asc. node	-11529 Dec 12 j 13:58	15° Ω 49'17	
	-11530 Dec 27 j 13:24	0° ♋			-11529 Dec 21 j 10:57	0° ♋	
evening max el	-11529 Jan 12 j 17:48	23° ♋ 34'28	22°07'37	evening max el	-11529 Dec 25 j 20:22	4° ♋ 53'40	20°42'47
retrograde	-11529 Jan 25 j 04:28	29° ♋ 30'41		retrograde	-11528 Jan 05 j 19:24	10° ♋ 02'16	
evening set	-11529 Jan 28 j 07:16	29° ♋ 09'10		evening set	-11528 Jan 08 j 12:00	9° ♋ 44'55	
inferior conj	-11529 Feb 06 j 09:38	25° ♋ 02'47	1°16'49	inferior conj	-11528 Jan 17 j 07:33	5° ♋ 45'58	2°52'09
minimum elong	-11529 Feb 06 j 12:53	24° ♋ 58'10	1°15'17	minimum elong	-11528 Jan 17 j 13:19	5° ♋ 37'31	2°50'24
min. Earth dist.	-11529 Feb 06 j 02:06	25° ♋ 13'33	0.55461 AU	min. Earth dist.	-11528 Jan 18 j 16:01	4° ♋ 58'22	0.55696 AU
desc. node	-11529 Feb 11 j 09:40	22° ♋ 24'06		morning rise	-11528 Jan 26 j 13:14	1° ♋ 25'22	
morning rise	-11529 Feb 15 j 19:06	20° ♋ 58'07		desc. node	-11528 Jan 29 j 06:28	1° ♋ 01'23	
direct	-11529 Feb 18 j 06:33	20° ♋ 44'08		direct	-11528 Jan 29 j 21:59	1° ♋ 00'26	
morning max el	-11529 Mar 02 j 05:35	26° ♋ 27'52	21°19'51	morning max el	-11528 Feb 12 j 03:39	7° ♋ 30'31	22°51'43
	-11529 Mar 05 j 12:49	0° ♌			-11528 Feb 27 j 23:18	0° ♌	
morning set	-11529 Mar 22 j 04:00	28° ♌ 13'24		morning set	-11528 Mar 05 j 15:08	13° ♌ 11'37	
	-11529 Mar 23 j 00:39	0° ♍		asc. node	-11528 Mar 09 j 12:00	21° ♌ 22'48	
asc. node	-11529 Mar 23 j 14:53	1° ♍ 13'56					
superior conj	-11529 Mar 29 j 15:55	13° ♍ 49'58	0°54'16	superior conj	-11528 Mar 12 j 19:38	28° ♌ 27'05	0°31'07
minimum elong	-11529 Mar 29 j 13:39	13° ♍ 38'15	0°53'15	minimum elong	-11528 Mar 12 j 18:19	28° ♌ 20'05	0°30'14
max. Earth dist.	-11529 Apr 02 j 11:46	21° ♍ 37'35	1.35184 AU	max. Earth dist.	-11528 Mar 13 j 13:11	0° ♍	
	-11529 Apr 06 j 18:30	0° \approx		evening rise	-11528 Mar 15 j 09:58	3° ♍ 54'59	1.34081 AU
evening rise	-11529 Apr 07 j 02:43	0° \approx 39'06			-11528 Mar 20 j 15:56	14° ♍ 33'56	
	-11529 Apr 24 j 08:01	0° ♎			-11528 Mar 28 j 23:04	0° \approx	
desc. node	-11529 May 10 j 08:36	21° ♎ 00'56		evening max el	-11528 Apr 18 j 03:08	0° ♎	
evening max el	-11529 May 12 j 09:28	23° ♎ 06'30	26°46'29	desc. node	-11528 Apr 23 j 20:10	6° ♎ 14'18	27°20'41
	-11529 May 22 j 05:04	0° ♏		retrograde	-11528 Apr 26 j 05:55	8° ♎ 26'57	
retrograde	-11529 May 25 j 11:01	0° ♏ 34'18		evening set	-11528 May 07 j 10:07	13° ♎ 48'42	
	-11529 May 28 j 12:32	30° ♎		min. Earth dist.	-11528 May 14 j 08:22	11° ♎ 07'02	
evening set	-11529 Jun 01 j 02:55	27° ♎ 46'51		inferior conj	-11528 May 18 j 01:07	7° ♎ 37'51	0.64119 AU
min. Earth dist.	-11529 Jun 05 j 00:40	23° ♎ 43'03	0.65474 AU	minimum elong	-11528 May 20 j 10:13	5° ♎ 01'05	-3°25'38
inferior conj	-11529 Jun 06 j 19:11	21° ♎ 35'10	-3°08'11		-11528 May 20 j 11:25	4° ♎ 57'46	3°25'52
minimum elong	-11529 Jun 06 j 21:16	21° ♎ 28'52	3°07'59	morning rise	-11528 May 25 j 21:33	30° ♎	
morning rise	-11529 Jun 12 j 15:54	15° ♎ 53'35		direct	-11528 May 26 j 15:09	29° \approx 35'46	
direct	-11529 Jun 15 j 18:33	14° ♎ 59'17			-11528 May 29 j 12:05	28° \approx 52'43	
asc. node	-11529 Jun 19 j 15:20	16° ♎ 18'25			-11528 Jun 02 j 02:51	0° ♎	
morning max el	-11529 Jun 22 j 11:15	18° ♎ 42'06	18°40'32	morning max el	-11528 Jun 04 j 23:54	2° ♎ 20'06	18°12'09
	-11529 Jun 30 j 22:42	0° ♏		asc. node	-11528 Jun 05 j 12:09	2° ♎ 51'39	
morning set	-11529 Jul 12 j 23:53	19° ♏ 20'40		morning set	-11528 Jun 23 j 03:58	0° ♏ 06'45	
	-11529 Jul 19 j 14:10	0° ♐			-11528 Jun 23 j 02:23	0° ♏	
superior conj	-11529 Jul 28 j 06:59	13° ♐ 52'03	0°51'18	superior conj	-11528 Jul 06 j 15:09	22° ♏ 30'26	1°26'21
minimum elong	-11529 Jul 28 j 12:42	14° ♐ 14'40	0°51'04	minimum elong	-11528 Jul 06 j 21:18	22° ♏ 55'21	1°26'03
max. Earth dist.	-11529 Jul 29 j 10:58	15° ♐ 42'48	1.44569 AU	max. Earth dist.	-11528 Jul 11 j 02:09	29° ♏ 40'51	1.44054 AU
desc. node	-11529 Aug 06 j 05:25	27° ♐ 59'37			-11528 Jul 11 j 06:57	0° ♐	
	-11529 Aug 07 j 11:52	0° ♑		evening rise	-11528 Jul 23 j 02:56	18° ♐ 36'35	
evening rise	-11529 Aug 13 j 15:53	9° ♑ 46'25		desc. node	-11528 Jul 23 j 02:46	18° ♐ 35'55	
	-11529 Aug 26 j 13:04	0° ☿			-11528 Jul 30 j 12:01	0° ♑	
evening max el	-11529 Sep 04 j 22:15	12° ☿ 29'11	19°07'52	greatest brilliancy	-11528 Aug 04 j 22:46	8° ♑ 15'41	-0.7m
retrograde	-11529 Sep 11 j 21:40	16° ☿ 27'14		evening max el	-11528 Aug 18 j 04:26	25° ♑ 57'50	20°01'04
evening set	-11529 Sep 15 j 01:47	15° ☿ 29'21			-11528 Aug 23 j 18:16	0° ☿	
asc. node	-11529 Sep 15 j 15:45	15° ☿ 06'23		retrograde	-11528 Aug 25 j 18:14	0° ☿ 21'27	
inferior conj	-11529 Sep 20 j 20:11	9° ☿ 39'26	1°36'12		-11528 Aug 27 j 16:36	30° ♑	
minimum elong	-11529 Sep 20 j 17:59	9° ☿ 46'18	1°36'02	evening set	-11528 Aug 29 j 08:07	29° ♑ 07'16	
min. Earth dist.	-11529 Sep 22 j 06:28	7° ☿ 52'20	0.65543 AU	asc. node	-11528 Sep 01 j 12:47	26° ♑ 03'25	
morning rise	-11529 Sep 26 j 09:45	3° ☿ 24'46		inferior conj	-11528 Sep 03 j 20:18	23° ♑ 06'59	0°43'55
				minimum elong	-11528 Sep 03 j 19:18	23° ♑ 10'18	0°44'08

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

min. Earth dist.	-11528 Sep 04 j 19:04	21°II51'47	0.66395 AU	transit begin	-11527 Aug 18 j 21:58	6°II47'33	
morning rise	-11528 Sep 09 j 06:13	16°II47'24		transit end	-11527 Aug 19 j 02:54	6°II30'41	
direct	-11528 Sep 14 j 23:11	14°II21'15		asc. node	-11527 Aug 19 j 09:45	6°II07'17	
morning max el	-11528 Sep 26 j 19:30	21°II22'57	25°12'23	min. Earth dist.	-11527 Aug 19 j 12:16	5°II58'41	0.66957 AU
	-11528 Oct 04 j 08:11	0°☾		morning rise	-11527 Aug 24 j 08:19	0°II19'02	
desc. node	-11528 Oct 19 j 01:35	20°☾45'46			-11527 Aug 24 j 17:34	30°R8	
	-11528 Oct 24 j 21:03	0°♊		direct	-11527 Aug 29 j 10:57	28°810'06	
morning set	-11528 Nov 01 j 19:31	13°♊34'25			-11527 Sep 03 j 17:58	0°II	
max. Earth dist.	-11528 Nov 05 j 16:33	20°♊38'04	1.37109 AU	morning max el	-11527 Sep 09 j 05:18	4°II37'43	23°50'59
	-11528 Nov 10 j 14:29	0°♐			-11527 Sep 28 j 17:14	0°☾	
				desc. node	-11527 Oct 05 j 22:27	11°☾01'10	
superior conj	-11528 Nov 11 j 19:38	2°♐22'50	-1°39'04	morning set	-11527 Oct 14 j 08:41	24°☾46'50	
minimum elong	-11528 Nov 11 j 19:48	2°♐23'40	1°38'43		-11527 Oct 17 j 09:34	0°♊	
evening rise	-11528 Nov 19 j 23:13	18°♐44'19		max. Earth dist.	-11527 Oct 18 j 15:12	2°♊09'49	1.39053 AU
	-11528 Nov 25 j 18:14	0°♑					
asc. node	-11528 Nov 28 j 11:17	4°♑48'10		superior conj	-11527 Oct 25 j 22:00	15°♊26'01	-1°36'05
evening max el	-11528 Dec 07 j 08:57	16°♑46'00	19°34'07	minimum elong	-11527 Oct 25 j 20:23	15°♊18'24	1°35'32
retrograde	-11528 Dec 16 j 18:27	21°♑12'03			-11527 Nov 02 j 11:39	0°♐	
evening set	-11528 Dec 19 j 07:31	20°♑54'02		evening rise	-11527 Nov 03 j 20:53	2°♐41'54	
inferior conj	-11528 Dec 27 j 15:18	16°♑46'32	3°54'07	asc. node	-11527 Nov 15 j 08:34	23°♐08'12	
minimum elong	-11528 Dec 27 j 19:23	16°♑39'53	3°53'25	evening max el	-11527 Nov 20 j 07:23	29°♐10'47	18°44'58
min. Earth dist.	-11528 Dec 30 j 05:35	15°♑05'52	0.56733 AU		-11527 Nov 21 j 04:57	0°♑	
morning rise	-11527 Jan 05 j 05:07	12°♑02'15		retrograde	-11527 Nov 28 j 10:14	3°♑06'53	
direct	-11527 Jan 09 j 21:54	11°♑12'11		evening set	-11527 Nov 30 j 22:05	2°♑46'03	
desc. node	-11527 Jan 15 j 03:12	12°♑14'52			-11527 Dec 06 j 09:22	30°R♐	
morning max el	-11527 Jan 23 j 18:58	18°♑11'54	24°28'33	inferior conj	-11527 Dec 08 j 16:47	28°♐19'54	4°16'40
	-11527 Feb 02 j 12:07	0°♒		minimum elong	-11527 Dec 08 j 17:11	28°♐19'10	4°16'42
morning set	-11527 Feb 18 j 03:36	28°♒16'04		min. Earth dist.	-11527 Dec 11 j 20:39	25°♐59'14	0.58323 AU
	-11527 Feb 18 j 23:19	0°♈		morning rise	-11527 Dec 16 j 10:23	23°♐12'28	
asc. node	-11527 Feb 24 j 09:08	11°♈38'17		direct	-11527 Dec 22 j 09:12	21°♐46'21	
				desc. node	-11526 Jan 01 j 23:53	26°♐02'40	
superior conj	-11527 Feb 25 j 03:56	13°♈19'54	0°07'30	morning max el	-11526 Jan 05 j 10:26	29°♐00'40	25°56'15
minimum elong	-11527 Feb 25 j 03:38	13°♈18'18	0°06'51		-11526 Jan 06 j 10:34	0°♑	
behind sun begin	-11527 Feb 24 j 23:01	12°♈53'16			-11526 Jan 26 j 22:58	0°♒	
behind sun end	-11527 Feb 25 j 08:16	13°♈43'19		morning set	-11526 Feb 02 j 15:37	13°♒20'15	
max. Earth dist.	-11527 Feb 26 j 16:42	16°♈37'48	1.33323 AU				
evening rise	-11527 Mar 04 j 14:24	28°♈58'16		superior conj	-11526 Feb 09 j 14:52	28°♒21'28	-0°15'42
	-11527 Mar 05 j 02:39	0°♉		minimum elong	-11526 Feb 09 j 15:32	28°♒25'05	0°16'06
	-11527 Mar 22 j 03:29	0°♊		max. Earth dist.	-11526 Feb 10 j 04:46	29°♒37'13	1.32895 AU
evening max el	-11527 Apr 06 j 05:11	18°♊59'16	27°24'59		-11526 Feb 10 j 08:57	0°♈	
desc. node	-11527 Apr 13 j 03:10	24°♊24'40		asc. node	-11526 Feb 11 j 06:18	1°♈56'07	
retrograde	-11527 Apr 20 j 02:52	26°♊32'19		evening rise	-11526 Feb 16 j 19:09	13°♈41'56	
evening set	-11527 Apr 27 j 00:08	24°♊09'47			-11526 Feb 25 j 05:26	0°♉	
min. Earth dist.	-11527 Apr 30 j 16:38	21°♊06'20	0.62409 AU		-11526 Mar 18 j 05:43	0°♊	
inferior conj	-11527 May 03 j 15:07	18°♊13'37	-3°29'10	evening max el	-11526 Mar 19 j 10:00	1°♊10'04	26°56'23
minimum elong	-11527 May 03 j 14:48	18°♊14'24	3°29'38	desc. node	-11526 Mar 31 j 00:21	8°♊21'08	
morning rise	-11527 May 10 j 06:50	13°♊06'37		retrograde	-11526 Apr 02 j 11:48	8°♊37'04	
direct	-11527 May 12 j 23:12	12°♊33'06		evening set	-11526 Apr 08 j 22:52	6°♊44'42	
morning max el	-11527 May 19 j 13:49	15°♊55'30	18°01'55	min. Earth dist.	-11526 Apr 12 j 23:07	3°♊54'00	0.60465 AU
asc. node	-11527 May 23 j 08:59	20°♊26'53		inferior conj	-11526 Apr 16 j 06:23	1°♊04'10	-3°13'40
	-11527 May 29 j 11:22	0°♋		minimum elong	-11526 Apr 16 j 04:10	1°♊08'57	3°13'58
morning set	-11527 Jun 05 j 07:25	12°♋00'05			-11526 Apr 17 j 12:35	30°R♋	
	-11527 Jun 15 j 14:25	0°♌		morning rise	-11526 Apr 23 j 11:44	26°♋17'05	
				direct	-11526 Apr 25 j 23:59	25°♋51'50	
superior conj	-11527 Jun 16 j 23:23	2°♌19'58	1°45'18	morning max el	-11526 May 03 j 02:23	29°♋21'04	18°10'31
minimum elong	-11527 Jun 17 j 02:13	2°♌31'57	1°45'12		-11526 May 03 j 17:56	0°♊	
max. Earth dist.	-11527 Jun 23 j 13:45	13°♌17'27	1.42918 AU	asc. node	-11526 May 10 j 05:49	8°♊49'43	
evening rise	-11527 Jul 02 j 03:09	26°♌57'09		morning set	-11526 May 19 j 05:25	24°♊48'54	
	-11527 Jul 04 j 02:05	0°♍			-11526 May 22 j 00:28	0°♋	
desc. node	-11527 Jul 10 j 00:10	9°♍04'43					
	-11527 Jul 24 j 10:14	0°♎		superior conj	-11526 May 29 j 10:29	13°♋29'45	1°49'09
evening max el	-11527 Aug 01 j 04:06	9°♎23'20	21°08'00	minimum elong	-11526 May 29 j 09:54	13°♋27'11	1°48'56
retrograde	-11527 Aug 09 j 14:35	14°♎21'02		max. Earth dist.	-11526 Jun 05 j 20:03	26°♋18'11	1.41310 AU
evening set	-11527 Aug 13 j 16:24	12°♎47'28			-11526 Jun 08 j 01:10	0°♌	
inferior conj	-11527 Aug 19 j 00:17	6°♎39'38	-0°07'30	evening rise	-11526 Jun 11 j 15:12	5°♌52'03	
minimum elong	-11527 Aug 19 j 00:26	6°♎39'07	0°06'52	desc. node	-11526 Jun 26 j 21:37	29°♌21'19	
transit middle	-11527 Aug 19 j 00:26	6°♎39'07	0°06'52		-11526 Jun 27 j 08:13	0°♍	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening max el	-11526 Jul 14 j 20:53	22° 8 44'37	22°25'13	evening set	-11525 Jul 13 j 07:06	10° 8 09'05	
retrograde	-11526 Jul 24 j 09:13	28° 8 23'03		min. Earth dist.	-11525 Jul 18 j 03:03	4° 8 25'49	0.67183 AU
evening set	-11526 Jul 29 j 00:41	26° 8 28'17		inferior conj	-11525 Jul 18 j 12:29	3° 8 53'31	-1°41'12
inferior conj	-11526 Aug 03 j 06:15	20° 8 15'20	-0°56'21	minimum elong	-11525 Jul 18 j 14:23	3° 8 47'01	1°40'13
minimum elong	-11526 Aug 03 j 07:24	20° 8 11'23	0°55'26		-11525 Jul 21 j 12:38	30° 8 1'0	
min. Earth dist.	-11526 Aug 03 j 07:41	20° 8 10'23	0.67223 AU	morning rise	-11525 Jul 23 j 21:37	27° 8 41'37	
asc. node	-11526 Aug 06 j 06:40	16° 8 17'18		asc. node	-11525 Jul 24 j 03:33	27° 8 30'34	
morning rise	-11526 Aug 08 j 14:02	13° 8 57'26		direct	-11525 Jul 27 j 22:30	26° 8 09'25	
direct	-11526 Aug 13 j 03:02	12° 8 07'11			-11525 Aug 04 j 04:57	0° 8	
morning max el	-11526 Aug 22 j 17:38	17° 8 53'41	22°27'00	morning max el	-11525 Aug 05 j 11:01	1° 8 14'02	21°07'51
	-11526 Sep 01 j 15:19	0° 8			-11525 Aug 26 j 11:48	0° 8	
	-11526 Sep 21 j 21:01	0° 8		morning set	-11525 Sep 04 j 06:57	13° 8 32'18	
desc. node	-11526 Sep 22 j 19:23	1° 8 28'55		desc. node	-11525 Sep 09 j 16:25	22° 8 11'52	
morning set	-11526 Sep 24 j 19:27	4° 8 41'46		max. Earth dist.	-11525 Sep 12 j 22:02	27° 8 18'27	1.42730 AU
max. Earth dist.	-11526 Sep 30 j 15:51	14° 8 20'43	1.41017 AU		-11525 Sep 14 j 13:31	0° 8	
superior conj	-11526 Oct 08 j 06:21	27° 8 31'59	-1°22'55	superior conj	-11525 Sep 19 j 14:55	8° 8 26'12	-0°57'27
minimum elong	-11526 Oct 08 j 02:49	27° 8 16'11	1°22'03	minimum elong	-11525 Sep 19 j 10:35	8° 8 07'53	0°56'20
	-11526 Oct 09 j 15:22	0° 8		evening rise	-11525 Oct 01 j 07:51	28° 8 53'02	
evening rise	-11526 Oct 18 j 09:02	16° 8 07'50			-11525 Oct 01 j 22:51	0° 8	
	-11526 Oct 25 j 23:55	0° 8		evening max el	-11525 Oct 18 j 01:06	25° 8 12'25	18°07'09
asc. node	-11526 Nov 02 j 05:50	10° 8 37'24		asc. node	-11525 Oct 20 j 03:05	27° 8 01'03	
evening max el	-11526 Nov 03 j 13:40	12° 8 02'04	18°16'10	retrograde	-11525 Oct 24 j 19:31	28° 8 45'03	
retrograde	-11526 Nov 10 j 19:46	15° 8 41'04		evening set	-11525 Oct 27 j 09:00	28° 8 14'23	
evening set	-11526 Nov 13 j 07:32	15° 8 16'11		inferior conj	-11525 Nov 03 j 03:16	23° 8 05'55	3°37'25
inferior conj	-11526 Nov 20 j 13:32	10° 8 28'24	4°07'32	minimum elong	-11525 Nov 02 j 23:33	23° 8 15'02	3°37'06
minimum elong	-11526 Nov 20 j 11:03	10° 8 33'47	4°07'32	min. Earth dist.	-11525 Nov 05 j 22:00	20° 8 22'51	0.61964 AU
min. Earth dist.	-11526 Nov 23 j 17:01	7° 8 46'43	0.60150 AU	morning rise	-11525 Nov 09 j 12:57	17° 8 20'55	
morning rise	-11526 Nov 27 j 13:04	5° 8 00'39		direct	-11525 Nov 16 j 14:22	14° 8 51'21	
direct	-11526 Dec 04 j 07:10	2° 8 58'10		morning max el	-11525 Nov 30 j 10:49	22° 8 21'22	27°32'01
morning max el	-11526 Dec 18 j 07:25	10° 8 21'20	27°00'30	desc. node	-11525 Dec 06 j 17:11	29° 8 15'10	
desc. node	-11526 Dec 19 j 20:33	11° 8 53'55			-11525 Dec 07 j 07:42	0° 8	
	-11525 Jan 02 j 14:43	0° 8			-11525 Dec 26 j 14:40	0° 8	
morning set	-11525 Jan 18 j 01:25	28° 8 17'38		morning set	-11524 Jan 02 j 06:50	12° 8 59'27	
	-11525 Jan 18 j 21:02	0° 8		max. Earth dist.	-11524 Jan 08 j 05:43	25° 8 32'04	1.33013 AU
superior conj	-11525 Jan 25 j 02:45	13° 8 25'58	-0°37'39	superior conj	-11524 Jan 09 j 13:52	28° 8 26'05	-0°57'41
minimum elong	-11525 Jan 25 j 04:12	13° 8 33'52	0°37'49	minimum elong	-11524 Jan 09 j 15:50	28° 8 36'44	0°57'40
max. Earth dist.	-11525 Jan 24 j 18:25	12° 8 40'24	1.32785 AU		-11524 Jan 10 j 07:10	0° 8	
asc. node	-11525 Jan 29 j 03:31	22° 8 12'23		asc. node	-11524 Jan 16 j 00:47	12° 8 22'01	
evening rise	-11525 Feb 01 j 03:55	28° 8 37'02		evening rise	-11524 Jan 16 j 14:44	13° 8 35'29	
	-11525 Feb 01 j 19:52	0° 8			-11524 Jan 24 j 23:45	0° 8	
	-11525 Feb 18 j 19:37	0° 8		evening max el	-11524 Feb 11 j 03:26	23° 8 45'40	24°34'31
evening max el	-11525 Mar 01 j 09:06	12° 8 43'10	25°56'59		-11524 Feb 20 j 17:55	0° 8	
retrograde	-11525 Mar 15 j 11:36	19° 8 59'36		retrograde	-11524 Feb 25 j 00:13	0° 8 41'43	
desc. node	-11525 Mar 17 j 21:27	19° 8 45'15			-11524 Feb 29 j 07:07	30° 8 1'0	
evening set	-11525 Mar 21 j 02:44	18° 8 42'09		evening set	-11524 Feb 29 j 13:08	29° 8 55'04	
min. Earth dist.	-11525 Mar 25 j 22:19	15° 8 49'28	0.58500 AU	desc. node	-11524 Mar 03 j 18:28	28° 8 30'41	
inferior conj	-11525 Mar 29 j 04:28	13° 8 24'34	-2°32'49	min. Earth dist.	-11524 Mar 06 j 16:53	26° 8 47'33	0.56813 AU
minimum elong	-11525 Mar 29 j 00:53	13° 8 31'18	2°32'41	inferior conj	-11524 Mar 09 j 06:55	25° 8 11'56	-1°21'49
morning rise	-11525 Apr 06 j 02:09	8° 8 57'31		minimum elong	-11524 Mar 09 j 03:59	25° 8 11'56	1°21'37
direct	-11525 Apr 08 j 10:11	8° 8 39'14		morning rise	-11524 Mar 17 j 22:01	20° 8 56'37	
morning max el	-11525 Apr 16 j 10:48	12° 8 29'16	18°38'23	direct	-11524 Mar 20 j 02:28	20° 8 43'14	
asc. node	-11525 Apr 27 j 02:41	27° 8 49'30		morning max el	-11524 Mar 29 j 12:00	25° 8 09'27	19°25'56
	-11525 Apr 28 j 07:20	0° 8			-11524 Apr 02 j 17:38	0° 8	
morning set	-11525 May 02 j 17:23	8° 8 22'30		asc. node	-11524 Apr 12 j 23:37	17° 8 16'44	
				morning set	-11524 Apr 15 j 15:24	22° 8 30'09	
superior conj	-11525 May 11 j 20:15	25° 8 49'34	1°41'41		-11524 Apr 19 j 09:24	0° 8	
minimum elong	-11525 May 11 j 17:46	25° 8 37'54	1°41'08	superior conj	-11524 Apr 23 j 23:05	9° 8 03'08	1°26'38
	-11525 May 14 j 02:22	0° 8		minimum elong	-11524 Apr 23 j 20:02	8° 8 48'16	1°25'47
max. Earth dist.	-11525 May 18 j 21:13	8° 8 35'47	1.39458 AU	max. Earth dist.	-11524 Apr 29 j 21:40	20° 8 21'48	1.37614 AU
evening rise	-11525 May 23 j 05:10	16° 8 04'06		evening rise	-11524 May 03 j 21:49	27° 8 37'32	
	-11525 May 31 j 18:15	0° 8			-11524 May 05 j 06:08	0° 8	
desc. node	-11525 Jun 13 j 19:04	19° 8 20'14			-11524 May 24 j 03:57	0° 8	
	-11525 Jun 21 j 22:21	0° 8		desc. node	-11524 May 30 j 16:33	8° 8 53'28	
evening max el	-11525 Jun 27 j 08:32	6° 8 04'20	23°47'21	evening max el	-11524 Jun 08 j 18:12	19° 8 25'44	25°07'04
retrograde	-11525 Jul 08 j 01:01	12° 8 24'48					

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

retrograde	-11524 Jun 20 j 13:05	26°♄21'32		desc. node	-11523 May 17 j 14:01	27°♄50'12	
evening set	-11524 Jun 26 j 09:41	23°♄48'05			-11523 May 19 j 11:55	0°♄	
min. Earth dist.	-11524 Jun 30 j 20:00	18°♄42'31	0.66808 AU	evening max el	-11523 May 22 j 04:21	2°♄48'17	26°15'36
inferior conj	-11524 Jul 01 j 17:11	17°♄32'13	-2°20'41	retrograde	-11523 Jun 03 j 20:26	10°♄07'23	
minimum elong	-11524 Jul 01 j 19:30	17°♄24'31	2°19'52	evening set	-11523 Jun 10 j 06:09	7°♄22'36	
morning rise	-11524 Jul 07 j 05:19	11°♄29'38		min. Earth dist.	-11523 Jun 14 j 08:09	2°♄56'20	0.66074 AU
asc. node	-11524 Jul 10 j 00:24	10°♄17'32		inferior conj	-11523 Jun 15 j 18:24	1°♄08'50	-2°53'17
direct	-11524 Jul 10 j 20:06	10°♄13'43		minimum elong	-11523 Jun 15 j 20:43	1°♄01'31	2°52'50
morning max el	-11524 Jul 18 j 10:47	14°♄40'34	19°59'09		-11523 Jun 16 j 16:30	30°♄♂	
	-11524 Jul 30 j 00:47	0°♄		morning rise	-11523 Jun 21 j 11:23	25°♄18'34	
morning set	-11524 Aug 13 j 09:47	22°♄00'50		direct	-11523 Jun 24 j 17:59	24°♄16'50	
	-11524 Aug 18 j 12:22	0°♄		asc. node	-11523 Jun 26 j 21:13	24°♄41'51	
max. Earth dist.	-11524 Aug 25 j 10:01	10°♄55'14	1.43961 AU	morning max el	-11523 Jul 01 j 16:42	28°♄13'05	19°04'32
desc. node	-11524 Aug 26 j 13:35	12°♄45'29			-11523 Jul 03 j 07:36	0°♄	
					-11523 Jul 23 j 08:22	0°♄	
superior conj	-11524 Aug 29 j 19:56	18°♄00'56	-0°19'34	morning set	-11523 Jul 23 j 23:50	1°♄01'29	
minimum elong	-11524 Aug 29 j 17:53	17°♄52'38	0°18'40	max. Earth dist.	-11523 Aug 08 j 01:54	24°♄55'31	1.44555 AU
	-11524 Sep 06 j 03:02	0°♄					
evening rise	-11524 Sep 12 j 12:17	10°♄45'29		superior conj	-11523 Aug 09 j 01:49	26°♄30'10	0°25'54
	-11524 Sep 24 j 02:14	0°♄		minimum elong	-11523 Aug 09 j 04:59	26°♄42'45	0°26'02
evening max el	-11524 Sep 30 j 14:45	8°♄35'28	18°16'54		-11523 Aug 11 j 06:45	0°♄	
asc. node	-11524 Oct 06 j 00:18	12°♄03'04		desc. node	-11523 Aug 13 j 10:51	3°♄26'58	
retrograde	-11524 Oct 07 j 05:22	12°♄10'49		evening rise	-11523 Aug 24 j 16:35	21°♄30'16	
evening set	-11524 Oct 09 j 22:47	11°♄31'55			-11523 Aug 29 j 22:13	0°♄	
inferior conj	-11524 Oct 16 j 06:33	6°♄05'06	2°54'57	evening max el	-11523 Sep 14 j 03:36	22°♄04'19	18°44'26
minimum elong	-11524 Oct 16 j 02:55	6°♄15'04	2°54'28	retrograde	-11523 Sep 20 j 21:39	25°♄51'12	
min. Earth dist.	-11524 Oct 18 j 12:55	3°♄36'33	0.63588 AU	asc. node	-11523 Sep 22 j 21:27	25°♄28'49	
morning rise	-11524 Oct 22 j 06:14	0°♄06'05		evening set	-11523 Sep 23 j 21:18	25°♄01'03	
	-11524 Oct 22 j 09:23	30°♄♂		inferior conj	-11523 Sep 29 j 20:04	19°♄18'41	2°05'53
direct	-11524 Oct 29 j 05:20	27°♄23'06		minimum elong	-11523 Sep 29 j 17:15	19°♄27'09	2°05'32
	-11524 Nov 05 j 18:18	0°♄		min. Earth dist.	-11523 Oct 01 j 13:26	17°♄14'56	0.64926 AU
morning max el	-11524 Nov 11 j 18:45	4°♄56'08	27°28'44	morning rise	-11523 Oct 05 j 12:41	13°♄08'57	
desc. node	-11524 Nov 22 j 13:51	17°♄40'52		direct	-11523 Oct 12 j 02:41	10°♄25'37	
	-11524 Nov 30 j 22:39	0°♄		morning max el	-11523 Oct 25 j 04:39	17°♄54'33	26°54'03
morning set	-11524 Dec 16 j 05:24	27°♄17'00			-11523 Nov 04 j 12:05	0°♄	
	-11524 Dec 17 j 13:56	0°♄		desc. node	-11523 Nov 09 j 10:33	6°♄51'50	
max. Earth dist.	-11524 Dec 21 j 10:59	8°♄00'08	1.33625 AU		-11523 Nov 23 j 19:02	0°♄	
				morning set	-11523 Nov 29 j 17:52	10°♄59'36	
superior conj	-11524 Dec 23 j 22:29	13°♄15'37	-1°14'59	max. Earth dist.	-11523 Dec 04 j 07:01	19°♄57'15	1.34656 AU
minimum elong	-11524 Dec 24 j 00:36	13°♄26'58	1°14'50				
evening rise	-11524 Dec 31 j 01:57	28°♄31'20		superior conj	-11523 Dec 08 j 02:29	27°♄47'10	-1°28'33
	-11524 Dec 31 j 18:57	0°♄		minimum elong	-11523 Dec 08 j 04:18	27°♄56'40	1°28'19
asc. node	-11523 Jan 01 j 22:07	2°♄20'05			-11523 Dec 09 j 03:53	0°♄	
	-11523 Jan 18 j 13:45	0°♄		evening rise	-11523 Dec 15 j 11:54	13°♄18'36	
evening max el	-11523 Jan 22 j 20:59	4°♄37'16	23°01'08	asc. node	-11523 Dec 19 j 19:27	22°♄00'49	
retrograde	-11523 Feb 05 j 00:04	10°♄58'16			-11523 Dec 24 j 03:35	0°♄	
evening set	-11523 Feb 08 j 12:46	10°♄31'05		evening max el	-11522 Jan 04 j 18:53	15°♄40'34	21°29'58
min. Earth dist.	-11523 Feb 16 j 08:53	6°♄57'16	0.55725 AU	retrograde	-11522 Jan 16 j 14:54	21°♄15'56	
inferior conj	-11523 Feb 17 j 15:05	6°♄13'01	0°15'37	evening set	-11522 Jan 19 j 12:27	20°♄56'55	
minimum elong	-11523 Feb 17 j 15:44	6°♄12'04	0°14'50	inferior conj	-11522 Jan 28 j 12:54	16°♄56'17	2°00'08
transit middle	-11523 Feb 17 j 15:44	6°♄12'04	0°14'50	minimum elong	-11522 Jan 28 j 17:41	16°♄49'28	1°58'18
transit begin	-11523 Feb 17 j 14:20	6°♄14'07		min. Earth dist.	-11522 Jan 28 j 23:03	16°♄41'48	0.55455 AU
transit end	-11523 Feb 17 j 17:07	6°♄10'02		desc. node	-11522 Feb 05 j 12:11	13°♄08'09	
desc. node	-11523 Feb 18 j 15:22	5°♄37'35		morning rise	-11522 Feb 06 j 22:30	12°♄46'33	
morning rise	-11523 Feb 26 j 20:23	2°♄09'49		direct	-11522 Feb 09 j 17:30	12°♄29'12	
direct	-11523 Mar 01 j 02:15	1°♄57'36		morning max el	-11522 Feb 22 j 06:51	18°♄33'59	21°57'36
morning max el	-11523 Mar 12 j 03:08	7°♄12'13	20°33'01		-11522 Mar 03 j 09:20	0°♄	
	-11523 Mar 27 j 07:30	0°♄		morning set	-11522 Mar 15 j 05:55	21°♄54'56	
morning set	-11523 Mar 30 j 20:23	7°♄03'27		asc. node	-11522 Mar 17 j 17:38	27°♄07'10	
asc. node	-11523 Mar 30 j 20:36	7°♄04'30			-11522 Mar 19 j 02:25	0°♄	
superior conj	-11523 Apr 07 j 14:17	22°♄57'15	1°06'54	superior conj	-11522 Mar 22 j 14:14	7°♄21'17	0°44'35
minimum elong	-11523 Apr 07 j 11:35	22°♄43'32	1°05'54	minimum elong	-11522 Mar 22 j 12:21	7°♄11'25	0°43'36
	-11523 Apr 11 j 02:47	0°♄		max. Earth dist.	-11522 Mar 25 j 21:06	14°♄08'57	1.34674 AU
max. Earth dist.	-11523 Apr 12 j 04:23	2°♄05'21	1.35987 AU	evening rise	-11522 Mar 30 j 18:15	23°♄50'56	
evening rise	-11523 Apr 16 j 12:04	10°♄18'41			-11522 Apr 03 j 00:18	0°♄	
	-11523 Apr 27 j 20:12	0°♄			-11522 Apr 21 j 09:51	0°♄	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

desc. node	-11522 May 04 j 11:22	15° H 55'36		evening rise	-11521 Mar 14 j 11:46	7° Z 59'10	
evening max el	-11522 May 04 j 15:20	16° H 05'20	27°04'23		-11521 Mar 26 j 12:30	0° \approx	
retrograde	-11522 May 17 j 22:33	23° H 36'09		evening max el	-11521 Apr 17 j 01:29	29° \approx 04'29	27°26'24
evening set	-11522 May 24 j 17:57	20° H 49'50			-11521 Apr 18 j 00:51	0° H	
min. Earth dist.	-11522 May 28 j 13:16	17° H 01'28	0.64951 AU	desc. node	-11521 Apr 21 j 08:40	2° H 47'46	
inferior conj	-11522 May 30 j 13:54	14° H 40'27	-3°17'03	retrograde	-11521 Apr 30 j 18:52	6° H 38'48	
minimum elong	-11522 May 30 j 15:41	14° H 35'14	3°17'02	evening set	-11521 May 07 j 17:57	4° H 03'24	
morning rise	-11522 Jun 05 j 13:49	9° H 05'23		min. Earth dist.	-11521 May 11 j 09:46	0° H 46'54	0.63434 AU
direct	-11522 Jun 08 j 13:59	8° H 15'54			-11521 May 12 j 03:59	30° R \approx	
asc. node	-11522 Jun 13 j 18:00	10° H 32'59		inferior conj	-11521 May 14 j 00:58	28° \approx 01'19	-3°29'07
morning max el	-11522 Jun 15 j 03:31	11° H 50'37	18°26'16	minimum elong	-11521 May 14 j 01:36	27° \approx 59'39	3°29'29
	-11522 Jun 27 j 19:39	0° Y		morning rise	-11521 May 20 j 10:11	22° \approx 43'48	
morning set	-11522 Jul 04 j 13:23	11° Y 07'49		direct	-11521 May 23 j 05:09	22° \approx 04'56	
	-11522 Jul 16 j 03:01	0° B		morning max el	-11521 May 29 j 17:02	25° \approx 28'29	18°05'36
				asc. node	-11521 May 31 j 14:48	27° \approx 34'25	
superior conj	-11522 Jul 19 j 02:36	4° B 46'28	1°07'56		-11521 Jun 02 j 11:57	0° H	
minimum elong	-11522 Jul 19 j 09:10	5° B 12'39	1°07'37	morning set	-11521 Jun 16 j 03:54	22° H 23'44	
max. Earth dist.	-11522 Jul 21 j 18:52	9° B 02'05	1.44444 AU		-11521 Jun 20 j 13:49	0° Y	
desc. node	-11522 Jul 31 j 08:11	24° B 06'19					
	-11522 Aug 04 j 02:20	0° II		superior conj	-11521 Jun 28 j 19:55	13° Y 52'05	1°36'25
evening rise	-11522 Aug 04 j 17:37	0° II 59'53		minimum elong	-11521 Jun 29 j 00:52	14° Y 12'31	1°36'14
greatest brilliancy	-11522 Aug 14 j 20:38	16° II 46'38	-0.8m	max. Earth dist.	-11521 Jul 04 j 09:13	22° Y 54'33	1.43644 AU
	-11522 Aug 23 j 21:27	0° E			-11521 Jul 08 j 19:54	0° B	
evening max el	-11522 Aug 28 j 12:54	5° E 34'10	19°28'35	evening rise	-11521 Jul 14 j 21:30	9° B 30'29	
retrograde	-11522 Sep 04 j 17:25	9° E 41'39		desc. node	-11521 Jul 18 j 05:34	14° B 40'01	
evening set	-11522 Sep 08 j 01:31	8° E 37'01			-11521 Jul 28 j 08:37	0° II	
asc. node	-11522 Sep 09 j 18:31	7° E 15'34		evening max el	-11521 Aug 11 j 16:22	19° II 01'25	20°27'55
inferior conj	-11522 Sep 13 j 17:02	2° E 42'12	1°14'00	retrograde	-11521 Aug 19 j 14:14	23° II 38'47	
minimum elong	-11522 Sep 13 j 15:20	2° E 47'38	1°13'59	evening set	-11521 Aug 23 j 08:57	22° II 16'34	
min. Earth dist.	-11522 Sep 14 j 22:12	1° E 08'38	0.65951 AU	asc. node	-11521 Aug 27 j 15:31	17° II 44'03	
	-11522 Sep 15 j 20:09	30° R II		inferior conj	-11521 Aug 28 j 19:04	16° II 12'26	0°21'52
morning rise	-11522 Sep 19 j 04:50	26° II 25'10		minimum elong	-11521 Aug 28 j 18:34	16° II 14'07	0°22'16
direct	-11522 Sep 25 j 05:54	23° II 51'11		min. Earth dist.	-11521 Aug 29 j 13:05	15° II 11'50	0.66670 AU
	-11522 Oct 06 j 11:36	0° E		morning rise	-11521 Sep 03 j 03:58	9° II 51'54	
morning max el	-11522 Oct 07 j 14:49	1° E 06'01	25°54'33	direct	-11521 Sep 08 j 14:41	7° II 33'01	
desc. node	-11522 Oct 27 j 07:18	26° E 34'56		morning max el	-11521 Sep 20 j 00:39	14° II 21'45	24°38'37
	-11522 Oct 29 j 12:46	0° O			-11521 Oct 02 j 19:43	0° E	
morning set	-11522 Nov 12 j 16:05	23° O 55'06		desc. node	-11521 Oct 14 j 04:08	16° E 40'52	
	-11522 Nov 15 j 22:09	0° P			-11521 Oct 22 j 09:23	0° O	
max. Earth dist.	-11522 Nov 16 j 16:31	1° P 27'50	1.36111 AU	morning set	-11521 Oct 25 j 18:57	5° O 49'55	
				max. Earth dist.	-11521 Oct 29 j 17:30	12° O 50'51	1.37914 AU
superior conj	-11522 Nov 21 j 23:19	11° P 52'34	-1°37'04				
minimum elong	-11522 Nov 22 j 00:17	11° P 57'23	1°36'48	superior conj	-11521 Nov 05 j 09:41	25° O 22'14	-1°38'53
evening rise	-11522 Nov 29 j 18:48	27° P 51'37		minimum elong	-11521 Nov 05 j 09:09	25° O 19'40	1°38'29
	-11522 Nov 30 j 20:07	0° A			-11521 Nov 07 j 18:39	0° P	
asc. node	-11522 Dec 06 j 16:47	11° A 17'22		evening rise	-11521 Nov 13 j 20:36	12° P 04'35	
evening max el	-11522 Dec 18 j 01:25	27° A 12'17	20°11'13	asc. node	-11521 Nov 23 j 14:06	0° A 01'36	
	-11522 Dec 21 j 15:40	0° M			-11521 Nov 23 j 13:42	0° A	
retrograde	-11522 Dec 28 j 07:54	2° M 01'50		evening max el	-11521 Nov 30 j 18:18	9° A 19'09	19°10'43
evening set	-11522 Dec 30 j 22:39	1° M 44'26		retrograde	-11521 Dec 09 j 13:56	13° A 31'19	
	-11521 Jan 04 j 13:49	30° R A		evening set	-11521 Dec 12 j 02:07	13° A 12'25	
inferior conj	-11521 Jan 08 j 13:27	27° A 43'10	3°23'27	inferior conj	-11521 Dec 20 j 04:20	8° A 57'37	4°08'17
minimum elong	-11521 Jan 08 j 18:58	27° A 34'46	3°22'03	minimum elong	-11521 Dec 20 j 06:54	8° A 53'13	4°08'00
min. Earth dist.	-11521 Jan 10 j 12:14	26° A 32'12	0.56048 AU	min. Earth dist.	-11521 Dec 23 j 02:17	6° A 57'51	0.57351 AU
morning rise	-11521 Jan 17 j 13:32	23° A 13'15		morning rise	-11521 Dec 28 j 09:32	4° A 02'49	
direct	-11521 Jan 21 j 11:15	22° A 39'37		direct	-11520 Jan 02 j 15:44	2° A 58'26	
desc. node	-11521 Jan 23 j 08:57	22° A 47'51		desc. node	-11520 Jan 10 j 05:39	5° A 10'14	
morning max el	-11521 Feb 04 j 01:13	29° A 23'50	23°33'17	morning max el	-11520 Jan 16 j 16:03	10° A 06'10	25°08'00
	-11521 Feb 04 j 16:05	0° M			-11520 Jan 31 j 16:05	0° M	
	-11521 Feb 24 j 08:22	0° X		morning set	-11520 Feb 12 j 06:19	22° M 02'04	
morning set	-11521 Feb 27 j 17:49	6° X 56'34			-11520 Feb 15 j 23:48	0° X	
asc. node	-11521 Mar 04 j 14:43	17° X 19'09					
superior conj	-11521 Mar 06 j 20:08	22° X 05'41	0°21'06	superior conj	-11520 Feb 19 j 05:48	7° X 03'23	-0°02'27
minimum elong	-11521 Mar 06 j 19:15	22° X 00'57	0°20'18	minimum elong	-11520 Feb 19 j 05:55	7° X 04'03	0°03'00
max. Earth dist.	-11521 Mar 08 j 23:23	26° X 38'19	1.33711 AU	behind sun begin	-11520 Feb 19 j 00:56	6° X 37'01	
	-11521 Mar 10 j 13:50	0° Z		behind sun end	-11520 Feb 19 j 10:54	7° X 31'05	
				asc. node	-11520 Feb 19 j 11:52	7° X 36'20	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

max. Earth dist.	-11520 Feb 20 j 08:42	9° ♁ 29'10	1.33094 AU		-11519 Feb 06 j 08:25	0° ♁	
evening rise	-11520 Feb 26 j 13:13	22° ♁ 32'48		evening rise	-11519 Feb 09 j 19:55	7° ♁ 21'58	
	-11520 Mar 01 j 07:10	0° ♁			-11519 Feb 21 j 20:42	0° ♁	
	-11520 Mar 19 j 11:43	0° ♁		evening max el	-11519 Mar 11 j 11:12	23° ♁ 29'21	26°34'38
evening max el	-11520 Mar 29 j 08:43	11° ♁ 34'52	27°16'48		-11519 Mar 20 j 23:08	0° ♁	
desc. node	-11520 Apr 07 j 05:52	17° ♁ 58'05		desc. node	-11519 Mar 25 j 03:00	0° ♁ 52'32	
retrograde	-11520 Apr 12 j 08:40	19° ♁ 06'46		retrograde	-11519 Mar 25 j 14:17	0° ♁ 53'06	
evening set	-11520 Apr 19 j 02:52	16° ♁ 55'37			-11519 Mar 30 j 02:48	30° ♁	
min. Earth dist.	-11520 Apr 22 j 21:16	13° ♁ 59'31	0.61598 AU	evening set	-11519 Mar 31 j 17:40	29° ♁ 15'42	
inferior conj	-11520 Apr 26 j 00:29	11° ♁ 05'04	-3°25'19	min. Earth dist.	-11519 Apr 05 j 00:37	26° ♁ 25'35	0.59608 AU
minimum elong	-11520 Apr 25 j 23:22	11° ♁ 07'39	3°25'45	inferior conj	-11519 Apr 08 j 08:51	23° ♁ 43'37	-2°59'51
morning rise	-11520 May 02 j 21:41	6° ♁ 06'44		minimum elong	-11519 Apr 08 j 05:54	23° ♁ 49'37	2°59'59
direct	-11520 May 05 j 12:11	5° ♁ 37'01		morning rise	-11519 Apr 15 j 20:51	19° ♁ 05'03	
morning max el	-11520 May 12 j 06:46	9° ♁ 00'47	18°03'17	direct	-11519 Apr 18 j 07:09	18° ♁ 43'04	
asc. node	-11520 May 17 j 11:36	15° ♁ 31'12		morning max el	-11519 Apr 25 j 17:55	22° ♁ 19'50	18°19'59
	-11520 May 26 j 01:30	0° ♁			-11519 May 01 j 18:44	0° ♁	
morning set	-11520 May 28 j 15:47	4° ♁ 41'33		asc. node	-11519 May 04 j 08:27	4° ♁ 10'47	
				morning set	-11519 May 11 j 20:16	17° ♁ 50'30	
					-11519 May 18 j 07:25	0° ♁	
superior conj	-11520 Jun 08 j 15:50	24° ♁ 16'28	1°48'36				
minimum elong	-11520 Jun 08 j 17:05	24° ♁ 21'51	1°48'28				
	-11520 Jun 12 j 00:15	0° ♁		superior conj	-11519 May 21 j 13:13	5° ♁ 57'27	1°47'09
max. Earth dist.	-11520 Jun 15 j 18:09	6° ♁ 15'18	1.42275 AU	minimum elong	-11519 May 21 j 11:38	5° ♁ 50'15	1°46'47
evening rise	-11520 Jun 23 j 00:02	17° ♁ 57'30		max. Earth dist.	-11519 May 28 j 21:34	18° ♁ 55'49	1.40533 AU
	-11520 Jun 30 j 18:18	0° ♁		evening rise	-11519 Jun 02 j 22:18	27° ♁ 22'44	
desc. node	-11520 Jul 04 j 02:59	5° ♁ 04'12			-11519 Jun 04 j 12:45	0° ♁	
	-11520 Jul 22 j 07:23	0° ♁		desc. node	-11519 Jun 21 j 00:27	25° ♁ 14'07	
evening max el	-11520 Jul 24 j 12:55	2° ♁ 24'41	21°39'50		-11519 Jun 24 j 09:30	0° ♁	
retrograde	-11520 Aug 02 j 10:09	7° ♁ 39'46		evening max el	-11519 Jul 07 j 03:19	15° ♁ 45'33	23°00'02
evening set	-11520 Aug 06 j 17:29	5° ♁ 57'27		retrograde	-11519 Jul 17 j 03:42	21° ♁ 42'10	
	-11520 Aug 11 j 20:21	30° ♁		evening set	-11519 Jul 22 j 01:13	19° ♁ 38'35	
inferior conj	-11520 Aug 12 j 00:08	29° ♁ 46'59	-0°28'38	inferior conj	-11519 Jul 27 j 06:27	13° ♁ 24'23	-1°15'55
minimum elong	-11520 Aug 12 j 00:44	29° ♁ 44'55	0°27'51	minimum elong	-11519 Jul 27 j 07:57	13° ♁ 19'13	1°14'57
min. Earth dist.	-11520 Aug 12 j 07:40	29° ♁ 21'02	0.67102 AU	min. Earth dist.	-11519 Jul 27 j 03:26	13° ♁ 34'49	0.67242 AU
asc. node	-11520 Aug 13 j 12:28	27° ♁ 43'03		asc. node	-11519 Jul 31 j 09:21	8° ♁ 14'47	
morning rise	-11520 Aug 17 j 07:51	23° ♁ 26'48		morning rise	-11519 Aug 01 j 14:35	7° ♁ 08'25	
direct	-11520 Aug 22 j 04:27	21° ♁ 25'46		direct	-11519 Aug 05 j 22:18	5° ♁ 25'46	
morning max el	-11520 Sep 01 j 11:14	27° ♁ 37'08	23°15'02	morning max el	-11519 Aug 15 j 01:19	10° ♁ 54'18	21°52'20
	-11520 Sep 03 j 16:29	0° ♁			-11519 Aug 29 j 19:35	0° ♁	
	-11520 Sep 25 j 12:38	0° ♁		morning set	-11519 Sep 15 j 21:02	25° ♁ 54'25	
desc. node	-11520 Sep 30 j 01:01	7° ♁ 02'08		desc. node	-11519 Sep 16 j 22:02	27° ♁ 34'06	
morning set	-11520 Oct 05 j 21:09	16° ♁ 30'00			-11519 Sep 18 j 10:21	0° ♁	
max. Earth dist.	-11520 Oct 10 j 15:50	24° ♁ 35'05	1.39897 AU	max. Earth dist.	-11519 Sep 22 j 18:23	7° ♁ 05'24	1.41797 AU
	-11520 Oct 13 j 18:08	0° ♁					
				superior conj	-11519 Sep 30 j 04:05	19° ♁ 40'45	-1°13'44
superior conj	-11520 Oct 18 j 05:04	8° ♁ 02'54	-1°31'53	minimum elong	-11519 Sep 29 j 23:58	19° ♁ 22'47	1°12'43
minimum elong	-11520 Oct 18 j 02:36	7° ♁ 51'33	1°31'13		-11519 Oct 05 j 23:28	0° ♁	
evening rise	-11520 Oct 27 j 14:39	25° ♁ 49'40		evening rise	-11519 Oct 10 j 21:42	8° ♁ 59'34	
	-11520 Oct 29 j 19:08	0° ♁			-11519 Oct 23 j 03:52	0° ♁	
asc. node	-11520 Nov 09 j 11:25	18° ♁ 01'58		evening max el	-11519 Oct 27 j 05:23	4° ♁ 57'12	18°09'56
evening max el	-11520 Nov 12 j 20:26	21° ♁ 56'26	18°30'18	asc. node	-11519 Oct 27 j 08:42	5° ♁ 05'23	
retrograde	-11520 Nov 20 j 13:21	25° ♁ 43'40		retrograde	-11519 Nov 03 j 05:13	8° ♁ 31'46	
evening set	-11520 Nov 23 j 00:55	25° ♁ 21'23		evening set	-11519 Nov 05 j 17:37	8° ♁ 04'34	
inferior conj	-11520 Nov 30 j 14:11	20° ♁ 46'29	4°15'58	inferior conj	-11519 Nov 12 j 18:31	3° ♁ 07'52	3°56'41
minimum elong	-11520 Nov 30 j 13:09	20° ♁ 48'32	4°16'05	minimum elong	-11519 Nov 12 j 15:19	3° ♁ 15'11	3°56'33
min. Earth dist.	-11520 Dec 03 j 19:29	18° ♁ 14'00	0.59087 AU	min. Earth dist.	-11519 Nov 15 j 19:04	0° ♁ 23'22	0.60949 AU
morning rise	-11520 Dec 07 j 23:35	15° ♁ 29'52			-11519 Nov 16 j 05:53	30° ♁	
direct	-11520 Dec 14 j 08:11	13° ♁ 47'16		morning rise	-11519 Nov 19 j 11:41	27° ♁ 32'42	
desc. node	-11520 Dec 27 j 02:19	19° ♁ 54'31		direct	-11519 Nov 26 j 10:32	25° ♁ 17'00	
morning max el	-11520 Dec 28 j 09:28	21° ♁ 06'30	26°27'03		-11519 Dec 07 j 07:22	0° ♁	
	-11519 Jan 05 j 04:23	0° ♁		morning max el	-11519 Dec 10 j 09:01	2° ♁ 42'45	27°18'01
	-11519 Jan 23 j 06:31	0° ♁		desc. node	-11519 Dec 13 j 22:59	6° ♁ 27'18	
morning set	-11519 Jan 26 j 17:36	7° ♁ 03'49			-11519 Dec 30 j 11:17	0° ♁	
				morning set	-11518 Jan 11 j 01:47	21° ♁ 54'56	
superior conj	-11519 Feb 02 j 17:21	22° ♁ 06'51	-0°25'12		-11518 Jan 14 j 21:47	0° ♁	
minimum elong	-11519 Feb 02 j 18:22	22° ♁ 12'26	0°25'29	max. Earth dist.	-11518 Jan 17 j 10:44	5° ♁ 29'47	1.32845 AU
max. Earth dist.	-11519 Feb 02 j 21:40	22° ♁ 30'28	1.32805 AU				
asc. node	-11519 Feb 05 j 09:05	27° ♁ 53'57		superior conj	-11518 Jan 18 j 05:07	7° ♁ 09'54	-0°46'27

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

minimum elong	-11518 Jan 18 j 06:49	7° \mathbb{M} 19'11	0°46'31		-11517 Jan 06 j 06:59	0° \mathbb{M}	
asc. node	-11518 Jan 23 j 06:21	18° \mathbb{M} 07'49		evening rise	-11517 Jan 09 j 17:02	7° \mathbb{M} 17'41	
evening rise	-11518 Jan 25 j 05:47	22° \mathbb{M} 19'08		asc. node	-11517 Jan 10 j 03:40	8° \mathbb{M} 13'23	
	-11518 Jan 29 j 00:10	0° \mathbb{X}			-11517 Jan 21 j 19:30	0° \mathbb{X}	
	-11518 Feb 16 j 20:20	0° \mathbb{Z}		evening max el	-11517 Feb 03 j 01:37	15° \mathbb{X} 43'12	23°55'14
evening max el	-11518 Feb 21 j 08:12	4° \mathbb{Z} 48'01	25°24'06	retrograde	-11517 Feb 16 j 16:05	22° \mathbb{X} 25'51	
retrograde	-11518 Mar 07 j 09:14	11° \mathbb{Z} 56'27		evening set	-11517 Feb 20 j 18:15	21° \mathbb{X} 48'49	
desc. node	-11518 Mar 12 j 00:03	11° \mathbb{Z} 06'08		desc. node	-11517 Feb 26 j 21:01	18° \mathbb{X} 58'13	
evening set	-11518 Mar 12 j 13:30	10° \mathbb{Z} 53'26		min. Earth dist.	-11517 Feb 27 j 14:36	18° \mathbb{X} 31'54	0.56263 AU
min. Earth dist.	-11518 Mar 17 j 21:37	7° \mathbb{Z} 55'47	0.57728 AU	inferior conj	-11517 Mar 01 j 16:54	17° \mathbb{X} 14'35	-0°42'58
inferior conj	-11518 Mar 20 j 22:43	5° \mathbb{Z} 48'13	-2°06'27	minimum elong	-11517 Mar 01 j 15:11	17° \mathbb{X} 17'14	0°43'03
minimum elong	-11518 Mar 20 j 19:03	5° \mathbb{Z} 54'39	2°06'12	morning rise	-11517 Mar 10 j 14:50	13° \mathbb{X} 08'54	
morning rise	-11518 Mar 29 j 03:47	1° \mathbb{Z} 28'29		direct	-11517 Mar 12 j 19:09	12° \mathbb{X} 56'28	
direct	-11518 Mar 31 j 10:10	1° \mathbb{Z} 12'32		morning max el	-11517 Mar 22 j 20:43	17° \mathbb{X} 41'38	19°52'12
morning max el	-11518 Apr 08 j 23:31	5° \mathbb{Z} 16'18	18°56'12		-11517 Apr 01 j 02:11	0° \mathbb{Z}	
asc. node	-11518 Apr 21 j 05:21	23° \mathbb{Z} 22'51		asc. node	-11517 Apr 08 j 02:19	12° \mathbb{Z} 59'52	
	-11518 Apr 24 j 16:32	0° \approx		morning set	-11517 Apr 09 j 14:17	15° \mathbb{Z} 59'28	
morning set	-11518 Apr 25 j 12:55	1° \approx 39'26			-11517 Apr 16 j 12:39	0° \approx	
superior conj	-11518 May 04 j 06:50	18° \approx 41'06	1°36'02	superior conj	-11517 Apr 17 j 15:29	2° \approx 13'47	1°18'42
minimum elong	-11518 May 04 j 03:58	18° \approx 27'26	1°35'21	minimum elong	-11517 Apr 17 j 12:30	1° \approx 58'59	1°17'46
	-11518 May 10 j 09:04	0° \mathbb{X}		max. Earth dist.	-11517 Apr 23 j 00:49	12° \approx 41'34	1.36886 AU
max. Earth dist.	-11518 May 10 j 22:04	0° \mathbb{X} 58'34	1.38658 AU	evening rise	-11517 Apr 27 j 02:34	20° \approx 14'09	
evening rise	-11518 May 15 j 00:01	8° \mathbb{X} 09'58			-11517 May 02 j 16:00	0° \mathbb{X}	
	-11518 May 28 j 11:12	0° \mathbb{Y}			-11517 May 22 j 09:57	0° \mathbb{Y}	
desc. node	-11518 Jun 07 j 21:57	15° \mathbb{Y} 02'52		desc. node	-11517 May 25 j 19:22	4° \mathbb{Y} 21'48	
evening max el	-11518 Jun 19 j 13:53	29° \mathbb{Y} 05'57	24°22'10	evening max el	-11517 Jun 01 j 23:30	12° \mathbb{Y} 27'46	25°38'03
	-11518 Jun 20 j 11:59	0° \mathbb{Z}		retrograde	-11517 Jun 14 j 03:50	19° \mathbb{Y} 34'45	
retrograde	-11518 Jun 30 j 17:50	5° \mathbb{Z} 41'55		evening set	-11517 Jun 20 j 06:29	16° \mathbb{Y} 55'12	
evening set	-11518 Jul 06 j 06:14	3° \mathbb{Z} 18'10		min. Earth dist.	-11517 Jun 24 j 13:01	12° \mathbb{Y} 06'37	0.66546 AU
	-11518 Jul 09 j 06:45	30° \mathbb{R} \mathbb{Y}		inferior conj	-11517 Jun 25 j 15:40	10° \mathbb{Y} 40'04	-2°35'27
min. Earth dist.	-11518 Jul 10 j 21:59	27° \mathbb{Y} 50'44	0.67067 AU	minimum elong	-11517 Jun 25 j 18:03	10° \mathbb{Y} 32'19	2°34'47
inferior conj	-11518 Jul 11 j 12:14	27° \mathbb{Y} 02'30	-1°58'39	morning rise	-11517 Jul 01 j 05:40	4° \mathbb{Y} 42'39	
minimum elong	-11518 Jul 11 j 14:21	26° \mathbb{Y} 55'18	1°57'44	direct	-11517 Jul 04 j 16:45	3° \mathbb{Y} 33'06	
morning rise	-11518 Jul 16 j 22:26	20° \mathbb{Y} 54'16		asc. node	-11517 Jul 05 j 03:02	3° \mathbb{Y} 34'07	
asc. node	-11518 Jul 18 j 06:12	20° \mathbb{Y} 05'28		morning max el	-11517 Jul 11 j 23:48	7° \mathbb{Y} 45'34	19°34'05
direct	-11518 Jul 20 j 18:54	19° \mathbb{Y} 29'04			-11517 Jul 27 j 22:35	0° \mathbb{Z}	
morning max el	-11518 Jul 28 j 21:15	24° \mathbb{Y} 16'23	20°37'09	morning set	-11517 Aug 05 j 07:47	13° \mathbb{Z} 04'31	
	-11518 Aug 02 j 17:57	0° \mathbb{Z}			-11517 Aug 16 j 02:08	0° \mathbb{I}	
	-11518 Aug 23 j 05:08	0° \mathbb{I}		max. Earth dist.	-11517 Aug 18 j 17:54	4° \mathbb{I} 12'36	1.44297 AU
morning set	-11518 Aug 26 j 02:26	4° \mathbb{I} 28'29		superior conj	-11517 Aug 21 j 18:49	9° \mathbb{I} 03'06	-0°00'37
desc. node	-11518 Sep 03 j 19:09	18° \mathbb{I} 12'16		minimum elong	-11517 Aug 21 j 18:49	9° \mathbb{I} 03'05	0°00'02
max. Earth dist.	-11518 Sep 05 j 03:37	20° \mathbb{I} 22'48	1.43331 AU	behind sun begin	-11517 Aug 21 j 08:23	8° \mathbb{I} 21'23	
superior conj	-11518 Sep 11 j 01:07	0° \mathbb{O} 01'15	-0°42'47	behind sun end	-11517 Aug 22 j 05:15	9° \mathbb{I} 44'49	
minimum elong	-11518 Sep 10 j 21:17	29° \mathbb{I} 45'22	0°41'40	desc. node	-11517 Aug 21 j 16:22	8° \mathbb{I} 53'16	
	-11518 Sep 11 j 00:48	0° \mathbb{O}			-11517 Sep 03 j 15:28	0° \mathbb{O}	
evening rise	-11518 Sep 23 j 13:21	21° \mathbb{O} 23'47		evening rise	-11517 Sep 05 j 08:10	2° \mathbb{O} 49'02	
	-11518 Sep 28 j 11:42	0° \mathbb{O}			-11517 Sep 22 j 19:45	0° \mathbb{O}	
evening max el	-11518 Oct 10 j 18:07	18° \mathbb{O} 13'38	18°08'59	evening max el	-11517 Sep 24 j 07:41	1° \mathbb{O} 39'11	18°26'28
asc. node	-11518 Oct 14 j 05:55	20° \mathbb{O} 56'16		retrograde	-11517 Sep 30 j 23:00	5° \mathbb{O} 18'44	
retrograde	-11518 Oct 17 j 09:51	21° \mathbb{O} 46'12		asc. node	-11517 Oct 01 j 03:06	5° \mathbb{O} 18'34	
evening set	-11518 Oct 20 j 00:50	21° \mathbb{O} 12'13		evening set	-11517 Oct 03 j 18:44	4° \mathbb{O} 35'27	
inferior conj	-11518 Oct 26 j 14:25	15° \mathbb{O} 55'18	3°20'31		-11517 Oct 09 j 01:44	30° \mathbb{R} \mathbb{O}	
minimum elong	-11518 Oct 26 j 10:37	16° \mathbb{O} 05'06	3°20'05	inferior conj	-11517 Oct 09 j 22:27	29° \mathbb{O} 01'23	2°34'43
min. Earth dist.	-11518 Oct 29 j 03:59	13° \mathbb{O} 17'11	0.62692 AU	minimum elong	-11517 Oct 09 j 19:06	29° \mathbb{O} 10'58	2°34'14
morning rise	-11518 Nov 01 j 19:28	10° \mathbb{O} 04'07		min. Earth dist.	-11517 Oct 11 j 23:09	26° \mathbb{O} 42'33	0.64189 AU
direct	-11518 Nov 08 j 20:55	7° \mathbb{O} 27'28		morning rise	-11517 Oct 15 j 18:47	22° \mathbb{O} 57'09	
morning max el	-11518 Nov 22 j 14:38	14° \mathbb{O} 58'26	27°34'48	direct	-11517 Oct 22 j 14:26	20° \mathbb{O} 12'51	
desc. node	-11518 Nov 30 j 19:40	24° \mathbb{O} 18'37		morning max el	-11517 Nov 04 j 23:57	27° \mathbb{O} 45'30	27°17'35
	-11518 Dec 05 j 00:30	0° \mathbb{P}			-11517 Nov 07 j 04:25	0° \mathbb{O}	
	-11518 Dec 22 j 22:11	0° \mathbb{P}		desc. node	-11517 Nov 17 j 16:20	13° \mathbb{O} 05'21	
morning set	-11518 Dec 26 j 04:40	6° \mathbb{P} 27'44			-11517 Nov 28 j 16:03	0° \mathbb{P}	
max. Earth dist.	-11518 Dec 31 j 20:10	18° \mathbb{P} 13'59	1.33231 AU	morning set	-11517 Dec 09 j 23:24	20° \mathbb{P} 32'04	
					-11517 Dec 14 j 16:10	0° \mathbb{P}	
superior conj	-11517 Jan 02 j 15:25	22° \mathbb{P} 06'27	-1°05'26	max. Earth dist.	-11517 Dec 14 j 22:05	0° \mathbb{P} 30'34	1.34011 AU
minimum elong	-11517 Jan 02 j 17:30	22° \mathbb{P} 17'40	1°05'20				

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11517 Dec 17 j 22:19	6° Ω 49'07	-1°21'16	superior conj	-11516 Nov 30 j 23:38	21° Π 10'51	-1°32'52
minimum elong	-11517 Dec 18 j 00:23	7° Ω 00'01	1°21'05	minimum elong	-11516 Dec 01 j 01:10	21° Π 18'43	1°32'38
evening rise	-11517 Dec 25 j 03:55	22° Ω 10'38			-11516 Dec 05 j 05:28	0° Ω	
asc. node	-11517 Dec 28 j 00:59	28° Ω 04'55		evening rise	-11516 Dec 08 j 12:48	6° Ω 52'32	
	-11517 Dec 29 j 00:07	0° Π		asc. node	-11516 Dec 13 j 22:18	17° Ω 36'18	
evening max el	-11516 Jan 15 j 20:10	26° Π 36'32	22°21'18		-11516 Dec 21 j 07:28	0° Π	
	-11516 Jan 20 j 03:30	0° \mathcal{A}		evening max el	-11516 Dec 27 j 21:25	7° Π 50'54	20°54'32
retrograde	-11516 Jan 28 j 11:40	2° \mathcal{A} 39'42		retrograde	-11515 Jan 08 j 02:01	13° Π 06'11	
evening set	-11516 Jan 31 j 16:36	2° \mathcal{A} 17'05		evening set	-11515 Jan 10 j 19:37	12° Π 48'36	
	-11516 Feb 06 j 11:05	30° $\mathcal{R}\Pi$		inferior conj	-11515 Jan 19 j 16:39	8° Π 49'53	2°39'32
min. Earth dist.	-11516 Feb 09 j 05:39	28° Π 27'36	0.55501 AU	minimum elong	-11515 Jan 19 j 22:18	8° Π 41'40	2°37'40
inferior conj	-11516 Feb 09 j 19:17	28° Π 08'02	1°00'46	min. Earth dist.	-11515 Jan 20 j 19:41	8° Π 10'38	0.55609 AU
minimum elong	-11516 Feb 09 j 21:52	28° Π 04'20	0°59'25	morning rise	-11515 Jan 28 j 23:47	4° Π 32'16	
desc. node	-11516 Feb 13 j 17:53	25° Π 59'03		desc. node	-11515 Jan 30 j 14:41	4° Π 15'17	
morning rise	-11516 Feb 19 j 04:04	24° Π 04'17		direct	-11515 Feb 01 j 04:33	4° Π 09'42	
direct	-11516 Feb 21 j 13:31	23° Π 51'02		morning max el	-11515 Feb 14 j 06:29	10° Π 33'53	22°37'24
morning max el	-11516 Mar 04 j 07:09	29° Π 27'22	21°07'10		-11515 Feb 28 j 07:56	0° \mathcal{A}	
	-11516 Mar 04 j 20:36	0° \mathcal{A}		morning set	-11515 Mar 08 j 08:12	15° \mathcal{A} 37'21	
morning set	-11516 Mar 23 j 21:28	0° \mathcal{B} 41'14		asc. node	-11515 Mar 11 j 20:22	23° \mathcal{A} 01'21	
	-11516 Mar 23 j 13:25	0° \mathcal{B}			-11515 Mar 15 j 03:07	0° \mathcal{B}	
asc. node	-11516 Mar 24 j 23:19	2° \mathcal{B} 54'29		superior conj	-11515 Mar 15 j 13:36	0° \mathcal{B} 55'29	0°34'42
superior conj	-11516 Mar 31 j 10:49	16° \mathcal{B} 21'58	0°57'40	minimum elong	-11515 Mar 15 j 12:08	0° \mathcal{B} 47'42	0°33'47
minimum elong	-11516 Mar 31 j 08:25	16° \mathcal{B} 09'39	0°56'39	max. Earth dist.	-11515 Mar 18 j 07:59	6° \mathcal{B} 43'12	1.34225 AU
max. Earth dist.	-11516 Apr 04 j 11:16	24° \mathcal{B} 30'16	1.35382 AU	evening rise	-11515 Mar 23 j 11:44	17° \mathcal{B} 07'45	
	-11516 Apr 07 j 06:36	0° \approx			-11515 Mar 30 j 08:52	0° \approx	
evening rise	-11516 Apr 09 j 00:14	3° \approx 18'41			-11515 Apr 18 j 22:27	0° \mathcal{H}	
	-11516 Apr 24 j 13:39	0° \mathcal{H}		evening max el	-11515 Apr 26 j 20:40	8° \mathcal{H} 58'33	27°17'25
desc. node	-11516 May 11 j 16:45	22° \mathcal{H} 58'31		desc. node	-11515 Apr 28 j 14:05	10° \mathcal{H} 35'31	
evening max el	-11516 May 14 j 09:49	25° \mathcal{H} 48'00	26°39'10	retrograde	-11515 May 10 j 09:07	16° \mathcal{H} 32'16	
	-11516 May 19 j 06:36	0° \mathcal{Y}		evening set	-11515 May 17 j 06:47	13° \mathcal{H} 49'05	
retrograde	-11516 May 27 j 09:12	3° \mathcal{Y} 14'10		min. Earth dist.	-11515 May 21 j 00:07	10° \mathcal{H} 15'04	0.64345 AU
evening set	-11516 Jun 02 j 23:37	0° \mathcal{Y} 27'01		inferior conj	-11515 May 23 j 06:59	7° \mathcal{H} 42'06	-3°23'54
	-11516 Jun 03 j 11:51	30° $\mathcal{R}\mathcal{H}$		minimum elong	-11515 May 23 j 08:22	7° \mathcal{H} 38'15	3°24'02
min. Earth dist.	-11516 Jun 06 j 22:22	26° \mathcal{H} 17'26	0.65642 AU	morning rise	-11515 May 29 j 10:32	2° \mathcal{H} 14'06	
inferior conj	-11516 Jun 08 j 14:43	24° \mathcal{H} 14'37	-3°04'38	direct	-11515 Jun 01 j 08:15	1° \mathcal{H} 29'25	
minimum elong	-11516 Jun 08 j 16:54	24° \mathcal{H} 07'59	3°04'22	asc. node	-11515 Jun 07 j 20:38	4° \mathcal{H} 59'19	
morning rise	-11516 Jun 14 j 10:25	18° \mathcal{H} 30'41		morning max el	-11515 Jun 07 j 20:17	4° \mathcal{H} 58'29	18°15'12
direct	-11516 Jun 17 j 13:59	17° \mathcal{H} 34'36			-11515 Jun 24 j 11:11	0° \mathcal{Y}	
asc. node	-11516 Jun 20 j 23:50	18° \mathcal{H} 36'49		morning set	-11515 Jun 26 j 07:22	3° \mathcal{Y} 06'17	
morning max el	-11516 Jun 24 j 08:05	21° \mathcal{H} 20'44	18°46'10	superior conj	-11515 Jul 10 j 01:21	25° \mathcal{Y} 49'30	1°22'02
	-11516 Jul 01 j 01:53	0° \mathcal{Y}		minimum elong	-11515 Jul 10 j 07:46	26° \mathcal{Y} 15'22	1°21'44
morning set	-11516 Jul 15 j 06:58	22° \mathcal{Y} 30'27			-11515 Jul 12 j 15:42	0° \mathcal{B}	
	-11516 Jul 19 j 22:40	0° \mathcal{B}		max. Earth dist.	-11515 Jul 14 j 01:56	2° \mathcal{B} 16'45	1.44177 AU
superior conj	-11516 Jul 30 j 19:43	17° \mathcal{B} 18'45	0°44'54	desc. node	-11515 Jul 25 j 10:57	20° \mathcal{B} 11'03	
minimum elong	-11516 Jul 31 j 00:54	17° \mathcal{B} 39'14	0°44'45	evening rise	-11515 Jul 26 j 15:12	22° \mathcal{B} 01'02	
max. Earth dist.	-11516 Jul 31 j 10:16	18° \mathcal{B} 16'19	1.44585 AU		-11515 Jul 31 j 18:46	0° Π	
desc. node	-11516 Aug 07 j 13:38	29° \mathcal{B} 34'03		greatest brilliancy	-11515 Aug 08 j 00:20	11° Π 03'04	-0.7m
	-11516 Aug 07 j 20:11	0° Π		evening max el	-11515 Aug 21 j 02:21	28° Π 37'44	19°52'13
evening rise	-11516 Aug 16 j 00:53	13° Π 01'48			-11515 Aug 22 j 12:39	0° \mathcal{E}	
	-11516 Aug 26 j 17:39	0° \mathcal{E}		retrograde	-11515 Aug 28 j 13:29	2° \mathcal{E} 56'44	
evening max el	-11516 Sep 06 j 19:17	15° \mathcal{E} 08'50	19°01'19	evening set	-11515 Sep 01 j 01:49	1° \mathcal{E} 45'07	
retrograde	-11516 Sep 13 j 17:09	19° \mathcal{E} 03'45			-11515 Sep 03 j 02:47	30° $\mathcal{R}\Pi$	
evening set	-11516 Sep 16 j 20:00	18° \mathcal{E} 08'03		asc. node	-11515 Sep 03 j 21:15	29° Π 10'18	
asc. node	-11516 Sep 17 j 00:12	18° \mathcal{E} 01'40		inferior conj	-11515 Sep 06 j 14:49	25° Π 46'16	0°51'46
inferior conj	-11516 Sep 22 j 15:28	12° \mathcal{E} 20'04	1°44'05	minimum elong	-11515 Sep 06 j 13:38	25° Π 50'10	0°51'57
minimum elong	-11516 Sep 22 j 13:06	12° \mathcal{E} 27'24	1°43'51	min. Earth dist.	-11515 Sep 07 j 15:15	24° Π 26'12	0.66292 AU
min. Earth dist.	-11516 Sep 24 j 03:35	10° \mathcal{E} 28'25	0.65391 AU	morning rise	-11515 Sep 12 j 01:10	19° Π 27'18	
morning rise	-11516 Sep 28 j 05:45	6° \mathcal{E} 06'32		direct	-11515 Sep 17 j 20:19	16° Π 58'53	
direct	-11516 Oct 04 j 14:31	3° \mathcal{E} 26'00		morning max el	-11515 Sep 29 j 19:58	24° Π 04'10	25°23'42
morning max el	-11516 Oct 17 j 10:15	10° \mathcal{E} 51'22	26°31'21		-11515 Oct 05 j 04:28	0° \mathcal{E}	
	-11516 Nov 01 j 19:36	0° \mathcal{O}		desc. node	-11515 Oct 21 j 09:51	22° \mathcal{E} 24'55	
desc. node	-11516 Nov 03 j 13:05	2° \mathcal{O} 31'30			-11515 Oct 26 j 05:24	0° \mathcal{O}	
	-11516 Nov 20 j 03:29	0° Π		morning set	-11515 Nov 04 j 21:01	16° \mathcal{O} 27'44	
morning set	-11516 Nov 22 j 06:25	3° Π 56'51		max. Earth dist.	-11515 Nov 08 j 18:22	23° \mathcal{O} 36'18	1.36841 AU
max. Earth dist.	-11516 Nov 26 j 13:29	12° Π 14'38	1.35220 AU		-11515 Nov 12 j 02:50	0° Π	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11515 Nov 14 j 16:27	5° \mathbb{M} 02'08	-1°38'47	max. Earth dist.	-11514 Oct 21 j 17:31	5° \mathbb{Q} 04'50	1.38756 AU
minimum elong	-11515 Nov 14 j 16:51	5° \mathbb{M} 04'07	1°38'29				
evening rise	-11515 Nov 22 j 17:45	21° \mathbb{M} 17'07		superior conj	-11514 Oct 28 j 21:02	18° \mathbb{Q} 12'11	-1°37'09
	-11515 Nov 27 j 03:49	0° \mathbb{L}		minimum elong	-11514 Oct 28 j 19:43	18° \mathbb{Q} 05'55	1°36'39
asc. node	-11515 Nov 30 j 19:38	6° \mathbb{L} 39'53			-11514 Nov 03 j 23:33	0° \mathbb{M}	
evening max el	-11515 Dec 10 j 08:25	19° \mathbb{L} 37'43	19°43'08	evening rise	-11514 Nov 06 j 16:34	5° \mathbb{M} 18'36	
retrograde	-11515 Dec 19 j 23:03	24° \mathbb{L} 09'20		asc. node	-11514 Nov 17 j 16:58	25° \mathbb{M} 06'27	
evening set	-11515 Dec 22 j 12:33	23° \mathbb{L} 51'30			-11514 Nov 21 j 09:04	0° \mathbb{L}	
inferior conj	-11515 Dec 30 j 22:13	19° \mathbb{L} 46'01	3°47'24	evening max el	-11514 Nov 23 j 05:27	1° \mathbb{L} 57'36	18°51'00
minimum elong	-11515 Dec 31 j 02:46	19° \mathbb{L} 38'45	3°46'31	retrograde	-11514 Dec 01 j 12:21	5° \mathbb{L} 57'33	
min. Earth dist.	-11514 Jan 02 j 09:01	18° \mathbb{L} 12'43	0.56536 AU	evening set	-11514 Dec 04 j 00:15	5° \mathbb{L} 37'15	
morning rise	-11514 Jan 08 j 14:54	15° \mathbb{L} 05'34		inferior conj	-11514 Dec 11 j 20:52	1° \mathbb{L} 14'02	4°15'34
direct	-11514 Jan 13 j 02:49	14° \mathbb{L} 20'10		minimum elong	-11514 Dec 11 j 21:49	1° \mathbb{L} 12'19	4°15'34
desc. node	-11514 Jan 17 j 11:26	15° \mathbb{L} 03'46			-11514 Dec 13 j 13:12	30° \mathbb{R} \mathbb{M}	
morning max el	-11514 Jan 26 j 22:18	21° \mathbb{L} 16'14	24°14'26	min. Earth dist.	-11514 Dec 14 j 23:37	28° \mathbb{M} 58'18	0.58057 AU
	-11514 Feb 03 j 10:33	0° \mathbb{M}		morning rise	-11514 Dec 19 j 17:26	26° \mathbb{M} 09'50	
morning set	-11514 Feb 20 j 20:35	0° \mathbb{L} 41'20		direct	-11514 Dec 25 j 12:12	24° \mathbb{M} 49'34	
	-11514 Feb 20 j 12:41	0° \mathbb{L}		desc. node	-11513 Jan 04 j 08:08	28° \mathbb{M} 29'59	
asc. node	-11514 Feb 26 j 17:29	13° \mathbb{L} 15'58			-11513 Jan 06 j 06:44	0° \mathbb{L}	
				morning max el	-11513 Jan 08 j 13:26	2° \mathbb{L} 02'17	25°44'31
superior conj	-11514 Feb 27 j 21:20	15° \mathbb{L} 46'18	0°11'06		-11513 Jan 28 j 08:42	0° \mathbb{M}	
minimum elong	-11514 Feb 27 j 20:54	15° \mathbb{L} 43'53	0°10'23	morning set	-11513 Feb 05 j 08:48	15° \mathbb{M} 46'03	
behind sun begin	-11514 Feb 27 j 17:00	15° \mathbb{L} 22'55			-11513 Feb 11 j 23:23	0° \mathbb{L}	
behind sun end	-11514 Feb 28 j 00:47	16° \mathbb{L} 04'51					
max. Earth dist.	-11514 Mar 01 j 13:46	19° \mathbb{L} 23'20	1.33414 AU	superior conj	-11513 Feb 12 j 08:00	0° \mathbb{L} 46'56	-0°12'14
	-11514 Mar 06 j 15:35	0° \mathbb{L}		minimum elong	-11513 Feb 12 j 08:31	0° \mathbb{L} 49'48	0°12'41
evening rise	-11514 Mar 07 j 09:02	1° \mathbb{L} 28'23		behind sun begin	-11513 Feb 12 j 05:32	0° \mathbb{L} 33'28	
	-11514 Mar 23 j 07:55	0° \mathbb{M}		behind sun end	-11513 Feb 12 j 11:31	1° \mathbb{L} 06'07	
evening max el	-11514 Apr 09 j 06:10	21° \mathbb{L} 47'59	27°26'24	max. Earth dist.	-11513 Feb 13 j 01:19	2° \mathbb{L} 21'14	1.32935 AU
desc. node	-11514 Apr 15 j 11:20	26° \mathbb{L} 48'44		asc. node	-11513 Feb 13 j 14:39	3° \mathbb{L} 33'41	
retrograde	-11514 Apr 23 j 02:45	29° \mathbb{L} 21'11		evening rise	-11513 Feb 19 j 13:00	16° \mathbb{L} 09'33	
evening set	-11514 Apr 30 j 00:48	26° \mathbb{L} 54'59			-11513 Feb 26 j 15:11	0° \mathbb{L}	
min. Earth dist.	-11514 May 03 j 16:56	23° \mathbb{L} 48'33	0.62685 AU		-11513 Mar 18 j 14:59	0° \mathbb{M}	
inferior conj	-11514 May 06 j 13:37	20° \mathbb{L} 57'14	-3°29'49	evening max el	-11513 Mar 22 j 11:39	4° \mathbb{L} 03'50	27°02'42
minimum elong	-11514 May 06 j 13:34	20° \mathbb{L} 57'22	3°30'15	desc. node	-11513 Apr 02 j 08:33	11° \mathbb{L} 05'47	
morning rise	-11514 May 13 j 03:33	15° \mathbb{L} 47'23		retrograde	-11513 Apr 05 j 12:56	11° \mathbb{L} 32'13	
direct	-11514 May 15 j 20:36	15° \mathbb{L} 12'28		evening set	-11513 Apr 12 j 02:17	9° \mathbb{L} 34'37	
morning max el	-11514 May 22 j 10:12	18° \mathbb{L} 34'44	18°02'18	min. Earth dist.	-11513 Apr 16 j 00:37	6° \mathbb{L} 43'07	0.60763 AU
asc. node	-11514 May 25 j 17:25	22° \mathbb{L} 26'06		inferior conj	-11513 Apr 19 j 07:09	3° \mathbb{L} 51'22	-3°17'32
	-11514 May 30 j 17:54	0° \mathbb{L}		minimum elong	-11513 Apr 19 j 05:13	3° \mathbb{L} 55'37	3°17'54
morning set	-11514 Jun 08 j 07:40	14° \mathbb{L} 50'36			-11513 Apr 24 j 07:48	30° \mathbb{R} \mathbb{L}	
	-11514 Jun 17 j 00:21	0° \mathbb{Y}		morning rise	-11513 Apr 26 j 10:18	29° \mathbb{L} 01'25	
				direct	-11513 Apr 28 j 23:11	28° \mathbb{L} 35'02	
superior conj	-11514 Jun 20 j 05:36	5° \mathbb{Y} 27'17	1°43'30		-11513 May 03 j 10:09	0° \mathbb{M}	
minimum elong	-11514 Jun 20 j 09:00	5° \mathbb{Y} 41'36	1°43'22	morning max el	-11513 May 05 j 23:10	2° \mathbb{L} 02'16	18°08'04
max. Earth dist.	-11514 Jun 26 j 14:36	15° \mathbb{Y} 59'00	1.43127 AU	asc. node	-11513 May 12 j 14:14	10° \mathbb{L} 42'14	
	-11514 Jul 05 j 09:58	0° \mathbb{L}		morning set	-11513 May 22 j 03:12	27° \mathbb{L} 31'37	
evening rise	-11514 Jul 05 j 15:42	0° \mathbb{L} 22'26			-11513 May 23 j 11:22	0° \mathbb{L}	
desc. node	-11514 Jul 12 j 08:21	10° \mathbb{L} 41'14					
	-11514 Jul 25 j 11:21	0° \mathbb{M}		superior conj	-11513 Jun 01 j 12:54	16° \mathbb{L} 25'36	1°49'25
evening max el	-11514 Aug 04 j 03:03	12° \mathbb{M} 03'42	20°57'12	minimum elong	-11513 Jun 01 j 12:46	16° \mathbb{L} 24'59	1°49'13
retrograde	-11514 Aug 12 j 10:00	16° \mathbb{M} 55'41		max. Earth dist.	-11513 Jun 08 j 21:40	29° \mathbb{L} 05'23	1.41571 AU
evening set	-11514 Aug 16 j 09:58	15° \mathbb{M} 25'04			-11513 Jun 09 j 10:45	0° \mathbb{Y}	
inferior conj	-11514 Aug 21 j 18:22	9° \mathbb{M} 18'03	0°00'07	evening rise	-11513 Jun 15 j 00:44	9° \mathbb{Y} 08'17	
minimum elong	-11514 Aug 21 j 18:21	9° \mathbb{M} 18'07	0°00'42		-11513 Jun 28 j 13:31	0° \mathbb{L}	
transit middle	-11514 Aug 21 j 18:21	9° \mathbb{M} 18'07	0°00'42	desc. node	-11513 Jun 29 j 05:49	1° \mathbb{L} 00'02	
transit begin	-11514 Aug 21 j 15:38	9° \mathbb{M} 27'23		evening max el	-11513 Jul 17 j 20:47	25° \mathbb{L} 25'23	22°13'12
transit end	-11514 Aug 21 j 21:04	9° \mathbb{M} 08'51			-11513 Jul 23 j 15:30	0° \mathbb{M}	
asc. node	-11514 Aug 21 j 18:14	9° \mathbb{M} 18'31		retrograde	-11513 Jul 27 j 05:05	0° \mathbb{M} 57'48	
min. Earth dist.	-11514 Aug 22 j 07:53	8° \mathbb{M} 32'04	0.66897 AU		-11513 Jul 30 j 12:13	30° \mathbb{R} \mathbb{L}	
morning rise	-11514 Aug 27 j 02:36	2° \mathbb{M} 57'28		evening set	-11513 Jul 31 j 18:25	29° \mathbb{L} 06'12	
direct	-11514 Sep 01 j 07:19	0° \mathbb{M} 45'57		inferior conj	-11513 Aug 06 j 00:12	22° \mathbb{L} 53'45	-0°49'11
morning max el	-11514 Sep 12 j 05:44	7° \mathbb{M} 19'02	24°03'25	minimum elong	-11513 Aug 06 j 01:12	22° \mathbb{L} 50'15	0°48'18
	-11514 Sep 29 j 22:22	0° \mathbb{L}		min. Earth dist.	-11513 Aug 06 j 03:11	22° \mathbb{L} 43'24	0.67202 AU
desc. node	-11514 Oct 08 j 06:42	12° \mathbb{L} 37'43		asc. node	-11513 Aug 08 j 15:09	19° \mathbb{L} 24'02	
morning set	-11514 Oct 17 j 13:51	27° \mathbb{L} 50'55		morning rise	-11513 Aug 11 j 07:55	16° \mathbb{L} 35'08	
	-11514 Oct 18 j 19:54	0° \mathbb{Q}		direct	-11513 Aug 15 j 22:48	14° \mathbb{L} 42'12	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

morning max el	-11513 Aug 25 j 17:38	20° ♁ 35'17	22°39'21	morning max el	-11512 Aug 07 j 10:07	3° ♁ 54'35	21°19'04
	-11513 Sep 02 j 15:37	0° ♁			-11512 Aug 26 j 18:05	0° ♁	
	-11513 Sep 23 j 05:05	0° ♁		morning set	-11512 Sep 06 j 19:04	16° ♁ 56'10	
desc. node	-11513 Sep 25 j 03:40	3° ♁ 04'12		desc. node	-11512 Sep 11 j 00:43	23° ♁ 39'15	
morning set	-11513 Sep 28 j 04:43	7° ♁ 58'01			-11512 Sep 14 j 22:48	0° ♁	
max. Earth dist.	-11513 Oct 03 j 17:34	17° ♁ 09'10	1.40732 AU	max. Earth dist.	-11512 Sep 14 j 22:39	29° ♁ 59'24	1.42500 AU
superior conj	-11513 Oct 11 j 08:30	0° ♁ 27'57	-1°25'42	superior conj	-11512 Sep 21 j 21:00	11° ♁ 33'53	-1°02'11
minimum elong	-11513 Oct 11 j 05:13	0° ♁ 13'11	1°24'52	minimum elong	-11512 Sep 21 j 16:38	11° ♁ 15'17	1°01'03
	-11513 Oct 11 j 02:17	0° ♁			-11512 Oct 02 j 08:50	0° ♁	
evening rise	-11513 Oct 21 j 06:27	18° ♁ 50'15		evening rise	-11512 Oct 03 j 07:34	1° ♁ 42'11	
	-11513 Oct 27 j 07:21	0° ♁		evening max el	-11512 Oct 19 j 21:40	27° ♁ 53'44	18°07'14
asc. node	-11513 Nov 04 j 14:17	12° ♁ 44'30		asc. node	-11512 Oct 21 j 11:33	29° ♁ 19'01	
evening max el	-11513 Nov 06 j 10:47	14° ♁ 45'39	18°19'12		-11512 Oct 22 j 10:02	0° ♁	
retrograde	-11513 Nov 13 j 19:27	18° ♁ 26'34		retrograde	-11512 Oct 26 j 17:14	1° ♁ 26'30	
evening set	-11513 Nov 16 j 07:04	18° ♁ 02'28		evening set	-11512 Oct 29 j 06:22	0° ♁ 56'50	
inferior conj	-11513 Nov 23 j 14:56	13° ♁ 18'01	4°10'29		-11512 Oct 31 j 03:18	30° ♁	
minimum elong	-11513 Nov 23 j 12:46	13° ♁ 22'35	4°10'32	inferior conj	-11512 Nov 05 j 02:19	25° ♁ 51'29	3°42'56
min. Earth dist.	-11513 Nov 26 j 19:11	10° ♁ 37'58	0.59871 AU	minimum elong	-11512 Nov 04 j 22:41	26° ♁ 00'13	3°42'39
morning rise	-11513 Nov 30 j 16:52	7° ♁ 52'55		min. Earth dist.	-11512 Nov 07 j 22:46	23° ♁ 07'21	0.61708 AU
direct	-11513 Dec 07 j 08:48	5° ♁ 55'21		morning rise	-11512 Nov 11 j 13:48	20° ♁ 08'54	
morning max el	-11513 Dec 21 j 09:34	13° ♁ 17'48	26°52'51	direct	-11512 Nov 18 j 14:56	17° ♁ 42'21	
desc. node	-11513 Dec 22 j 04:48	14° ♁ 04'54		morning max el	-11512 Dec 02 j 12:00	25° ♁ 11'34	27°29'27
	-11512 Jan 03 j 18:20	0° ♁			-11512 Dec 07 j 00:18	0° ♁	
	-11512 Jan 20 j 10:25	0° ♁		desc. node	-11512 Dec 08 j 01:28	1° ♁ 14'12	
morning set	-11512 Jan 20 j 19:04	0° ♁ 44'51			-11512 Dec 27 j 00:57	0° ♁	
superior conj	-11512 Jan 27 j 19:52	15° ♁ 51'21	-0°34'27	morning set	-11511 Jan 04 j 01:16	15° ♁ 29'04	
minimum elong	-11512 Jan 27 j 21:13	15° ♁ 58'40	0°34'37	max. Earth dist.	-11511 Jan 10 j 02:40	28° ♁ 17'26	1.32957 AU
max. Earth dist.	-11512 Jan 27 j 14:53	15° ♁ 24'07	1.32777 AU		-11511 Jan 10 j 21:36	0° ♁	
asc. node	-11512 Jan 31 j 11:55	23° ♁ 50'32		superior conj	-11511 Jan 11 j 07:13	0° ♁ 52'14	-0°54'50
	-11512 Feb 03 j 09:14	0° ♁		minimum elong	-11511 Jan 11 j 09:07	1° ♁ 02'35	0°54'49
evening rise	-11512 Feb 03 j 21:18	1° ♁ 03'11		asc. node	-11511 Jan 17 j 09:13	14° ♁ 01'21	
	-11512 Feb 19 j 20:56	0° ♁		evening rise	-11511 Jan 18 j 07:55	16° ♁ 01'12	
evening max el	-11512 Mar 03 j 11:31	15° ♁ 41'47	26°07'32		-11511 Jan 25 j 08:59	0° ♁	
retrograde	-11512 Mar 17 j 14:25	23° ♁ 00'39		evening max el	-11511 Feb 13 j 06:28	26° ♁ 47'46	24°47'49
desc. node	-11512 Mar 19 j 05:39	22° ♁ 53'58			-11511 Feb 17 j 02:15	0° ♁	
evening set	-11512 Mar 23 j 08:58	21° ♁ 38'01		retrograde	-11511 Feb 27 j 04:51	3° ♁ 47'31	
min. Earth dist.	-11512 Mar 28 j 00:47	18° ♁ 46'26	0.58782 AU	evening set	-11511 Mar 03 j 21:37	2° ♁ 57'03	
inferior conj	-11512 Mar 31 j 07:59	16° ♁ 16'17	-2°40'53	desc. node	-11511 Mar 06 j 02:38	2° ♁ 01'03	
minimum elong	-11512 Mar 31 j 04:30	16° ♁ 22'56	2°40'50		-11511 Mar 09 j 15:13	30° ♁	
morning rise	-11512 Apr 08 j 03:07	11° ♁ 46'25		min. Earth dist.	-11511 Mar 09 j 20:00	29° ♁ 52'21	0.57031 AU
direct	-11512 Apr 10 j 11:42	11° ♁ 27'16		inferior conj	-11511 Mar 12 j 13:22	28° ♁ 04'33	-1°34'33
morning max el	-11512 Apr 18 j 08:25	15° ♁ 13'22	18°32'59	minimum elong	-11511 Mar 12 j 10:09	28° ♁ 09'53	1°34'17
asc. node	-11512 Apr 28 j 11:06	29° ♁ 36'35		morning rise	-11511 Mar 21 j 01:54	23° ♁ 51'44	
	-11512 Apr 28 j 16:22	0° ♁		direct	-11511 Mar 23 j 06:42	23° ♁ 37'48	
morning set	-11512 May 04 j 13:18	10° ♁ 58'31		morning max el	-11511 Apr 01 j 10:50	27° ♁ 57'58	19°17'36
superior conj	-11512 May 13 j 19:36	28° ♁ 35'21	1°43'23		-11511 Apr 03 j 09:44	0° ♁	
minimum elong	-11512 May 13 j 17:18	28° ♁ 24'40	1°42'54	asc. node	-11511 Apr 15 j 08:02	19° ♁ 00'08	
	-11512 May 14 j 13:55	0° ♁		morning set	-11511 Apr 18 j 10:02	25° ♁ 01'35	
max. Earth dist.	-11512 May 20 j 23:03	11° ♁ 27'23	1.39737 AU		-11511 Apr 20 j 22:03	0° ♁	
evening rise	-11512 May 25 j 10:27	19° ♁ 07'11		superior conj	-11511 Apr 26 j 20:12	11° ♁ 41'37	1°29'16
	-11512 Jun 01 j 02:20	0° ♁		minimum elong	-11511 Apr 26 j 17:10	11° ♁ 26'54	1°28'28
desc. node	-11512 Jun 15 j 03:17	21° ♁ 01'51		max. Earth dist.	-11511 May 02 j 23:17	23° ♁ 16'51	1.37878 AU
	-11512 Jun 21 j 19:35	0° ♁		evening rise	-11511 May 06 j 23:24	0° ♁ 29'15	
evening max el	-11512 Jun 29 j 09:00	8° ♁ 44'51	23°35'09		-11511 May 06 j 16:46	0° ♁	
retrograde	-11512 Jul 09 j 21:28	14° ♁ 59'35			-11511 May 25 j 08:17	0° ♁	
evening set	-11512 Jul 15 j 01:15	12° ♁ 46'58		desc. node	-11511 Jun 02 j 00:44	10° ♁ 39'22	
inferior conj	-11512 Jul 20 j 06:31	6° ♁ 31'35	-1°34'42	evening max el	-11511 Jun 11 j 18:49	22° ♁ 06'06	24°55'46
minimum elong	-11512 Jul 20 j 08:19	6° ♁ 25'23	1°33'44	retrograde	-11511 Jun 23 j 10:02	28° ♁ 57'07	
min. Earth dist.	-11512 Jul 19 j 22:46	6° ♁ 58'12	0.67204 AU	evening set	-11511 Jun 29 j 04:31	26° ♁ 26'06	
morning rise	-11512 Jul 25 j 15:20	0° ♁ 18'29		min. Earth dist.	-11511 Jul 03 j 16:14	21° ♁ 14'43	0.66885 AU
asc. node	-11512 Jul 25 j 12:01	0° ♁ 25'00		inferior conj	-11511 Jul 04 j 11:33	20° ♁ 10'15	-2°15'06
	-11512 Jul 26 j 01:21	30° ♁		minimum elong	-11511 Jul 04 j 13:50	20° ♁ 02'37	2°14'16
direct	-11512 Jul 29 j 17:54	28° ♁ 43'39		morning rise	-11511 Jul 09 j 23:07	14° ♁ 05'59	
	-11512 Aug 02 j 17:52	0° ♁		asc. node	-11511 Jul 12 j 08:50	12° ♁ 56'51	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

direct	-11511 Jul 13 j 15:18	12° Υ 47'40		morning rise	-11510 Jun 24 j 05:31	27° Υ 54'54	
morning max el	-11511 Jul 21 j 08:49	17° Υ 19'40	20°08'33	direct	-11510 Jun 27 j 13:16	26° Υ 51'08	
	-11511 Jul 31 j 04:32	0° B		asc. node	-11510 Jun 29 j 05:38	27° Υ 06'46	
morning set	-11511 Aug 16 j 21:50	25° B 23'57			-11510 Jul 03 j 17:02	0° Υ	
	-11511 Aug 19 j 20:37	0° II		morning max el	-11510 Jul 04 j 13:51	0° Υ 51'09	19°11'41
max. Earth dist.	-11511 Aug 28 j 09:50	13° II 31'04	1.43819 AU		-11510 Jul 24 j 16:13	0° B	
desc. node	-11511 Aug 28 j 21:53	14° II 19'19		morning set	-11510 Jul 27 j 09:07	4° B 16'48	
				max. Earth dist.	-11510 Aug 11 j 01:31	27° B 29'34	1.44514 AU
superior conj	-11511 Sep 02 j 06:07	21° II 20'15	-0°25'57	superior conj	-11510 Aug 12 j 14:30	29° B 56'07	0°18'59
minimum elong	-11511 Sep 02 j 03:28	21° II 09'28	0°25'01	minimum elong	-11510 Aug 12 j 16:51	0° II 05'27	0°19'13
	-11511 Sep 07 j 12:23	0° B			-11510 Aug 12 j 15:29	0° II	
evening rise	-11511 Sep 15 j 15:04	13° B 43'02		desc. node	-11510 Aug 15 j 19:05	5° II 00'32	
	-11511 Sep 25 j 06:30	0° Ω		evening rise	-11510 Aug 27 j 23:12	24° II 38'22	
evening max el	-11511 Oct 03 j 11:11	11° Ω 15'13	18°14'15		-11510 Aug 31 j 05:56	0° B	
asc. node	-11511 Oct 08 j 08:44	14° Ω 34'10		evening max el	-11510 Sep 17 j 00:17	24° B 43'14	18°39'15
retrograde	-11511 Oct 10 j 01:47	14° Ω 49'24		retrograde	-11510 Sep 23 j 17:22	28° B 27'54	
evening set	-11511 Oct 12 j 18:32	14° Ω 11'49		asc. node	-11510 Sep 25 j 05:51	28° B 14'55	
inferior conj	-11511 Oct 19 j 03:46	8° Ω 47'31	3°01'54	evening set	-11510 Sep 26 j 15:57	27° B 39'34	
minimum elong	-11511 Oct 19 j 00:04	8° Ω 57'31	3°01'25	inferior conj	-11510 Oct 02 j 15:57	21° B 59'10	2°13'34
min. Earth dist.	-11511 Oct 21 j 12:02	6° Ω 16'10	0.63370 AU	minimum elong	-11510 Oct 02 j 12:58	22° B 07'59	2°13'10
morning rise	-11511 Oct 25 j 04:45	2° Ω 50'31		min. Earth dist.	-11510 Oct 04 j 11:09	19° B 51'26	0.64746 AU
direct	-11511 Nov 01 j 04:47	0° Ω 08'42		morning rise	-11510 Oct 08 j 09:27	15° B 50'49	
morning max el	-11511 Nov 14 j 19:17	7° Ω 41'08	27°31'16	direct	-11510 Oct 15 j 01:03	13° B 07'01	
desc. node	-11511 Nov 24 j 22:10	19° Ω 31'27		morning max el	-11510 Oct 28 j 05:06	20° B 36'57	27°01'01
	-11511 Dec 02 j 04:21	0° B			-11510 Nov 05 j 10:44	0° Ω	
morning set	-11511 Dec 19 j 01:01	29° B 50'27		desc. node	-11510 Nov 11 j 18:54	8° Ω 36'43	
	-11511 Dec 19 j 02:56	0° B			-11510 Nov 25 j 05:03	0° B	
max. Earth dist.	-11511 Dec 24 j 09:03	10° B 49'24	1.33513 AU	morning set	-11510 Dec 02 j 15:14	13° B 39'19	
				max. Earth dist.	-11510 Dec 07 j 06:50	22° B 52'34	1.34476 AU
superior conj	-11511 Dec 26 j 16:18	15° B 43'31	-1°12'36	superior conj	-11510 Dec 10 j 21:08	0° B 18'27	-1°26'47
minimum elong	-11511 Dec 26 j 18:25	15° B 54'55	1°12'27	minimum elong	-11510 Dec 10 j 23:02	0° B 28'25	1°26'35
	-11510 Jan 02 j 08:13	0° B			-11510 Dec 10 j 17:37	0° B	
evening rise	-11510 Jan 02 j 19:11	0° B 57'40		evening rise	-11510 Dec 18 j 05:27	15° B 47'02	
asc. node	-11510 Jan 04 j 06:32	4° B 01'21		asc. node	-11510 Dec 22 j 03:51	23° B 45'20	
	-11510 Jan 19 j 07:07	0° B			-11510 Dec 25 j 11:13	0° B	
evening max el	-11510 Jan 25 j 23:49	7° B 39'19	23°15'08	evening max el	-11509 Jan 07 j 20:43	18° B 39'46	21°42'53
retrograde	-11510 Feb 08 j 06:12	14° B 06'06		retrograde	-11509 Jan 19 j 21:58	24° B 22'30	
evening set	-11510 Feb 11 j 22:09	13° B 36'47		evening set	-11509 Jan 22 j 21:13	24° B 02'45	
min. Earth dist.	-11510 Feb 19 j 12:11	10° B 07'50	0.55837 AU	inferior conj	-11509 Jan 31 j 22:31	20° B 00'27	1°45'06
inferior conj	-11510 Feb 20 j 23:53	9° B 15'01	-0°00'13	minimum elong	-11509 Feb 01 j 02:49	19° B 54'20	1°43'19
minimum elong	-11510 Feb 20 j 23:51	9° B 15'04	0°00'47	min. Earth dist.	-11509 Feb 01 j 02:27	19° B 54'51	0.55440 AU
transit middle	-11510 Feb 20 j 23:51	9° B 15'04	0°00'47	desc. node	-11509 Feb 07 j 20:25	16° B 34'41	
transit begin	-11510 Feb 20 j 19:49	9° B 21'04		morning rise	-11509 Feb 10 j 08:23	15° B 52'55	
transit end	-11510 Feb 21 j 03:53	9° B 09'06		direct	-11509 Feb 13 j 00:28	15° B 36'56	
desc. node	-11510 Feb 20 j 23:33	9° B 15'32		morning max el	-11509 Feb 25 j 08:58	21° B 34'22	21°44'07
morning rise	-11510 Mar 02 j 03:31	5° B 11'34			-11509 Mar 04 j 10:13	0° B	
direct	-11510 Mar 04 j 08:44	4° B 59'25		morning set	-11509 Mar 17 j 23:09	24° B 21'02	
morning max el	-11510 Mar 15 j 03:31	10° B 06'16	20°21'54	asc. node	-11509 Mar 20 j 02:02	28° B 46'08	
	-11510 Mar 28 j 18:03	0° B			-11509 Mar 20 j 16:07	0° B	
asc. node	-11510 Apr 02 j 05:00	8° B 45'13		superior conj	-11509 Mar 25 j 08:39	9° B 50'40	0°48'05
morning set	-11510 Apr 02 j 14:10	9° B 31'38		minimum elong	-11509 Mar 25 j 06:38	9° B 40'06	0°47'05
				max. Earth dist.	-11509 Mar 28 j 20:03	16° B 59'32	1.34846 AU
superior conj	-11510 Apr 10 j 09:47	25° B 30'15	1°10'07	evening rise	-11509 Apr 02 j 14:55	26° B 26'47	
minimum elong	-11510 Apr 10 j 07:00	25° B 16'10	1°09'07		-11509 Apr 04 j 11:51	0° B	
	-11510 Apr 12 j 15:41	0° \approx			-11509 Apr 22 j 12:50	0° B	
max. Earth dist.	-11510 Apr 15 j 04:53	4° \approx 59'40	1.36207 AU	desc. node	-11509 May 06 j 19:28	17° B 56'21	
evening rise	-11510 Apr 19 j 10:46	13° \approx 01'13		evening max el	-11509 May 07 j 15:40	18° B 46'51	26°58'37
	-11510 Apr 29 j 04:29	0° B		retrograde	-11509 May 20 j 20:54	26° B 16'38	
desc. node	-11510 May 19 j 22:08	29° B 42'15		evening set	-11509 May 27 j 15:15	23° B 29'35	
	-11510 May 20 j 04:08	0° Υ		min. Earth dist.	-11509 May 31 j 11:21	19° B 36'00	0.65146 AU
evening max el	-11510 May 25 j 04:51	5° Υ 28'49	26°06'28	inferior conj	-11509 Jun 02 j 09:51	17° B 19'26	-3°14'13
retrograde	-11510 Jun 06 j 18:00	12° Υ 44'52		minimum elong	-11509 Jun 02 j 11:46	17° B 13'48	3°14'07
evening set	-11510 Jun 13 j 02:00	10° Υ 01'13		morning rise	-11509 Jun 08 j 08:36	11° B 42'05	
min. Earth dist.	-11510 Jun 17 j 05:09	5° Υ 29'11	0.66210 AU	direct	-11509 Jun 11 j 09:37	10° B 50'57	
inferior conj	-11510 Jun 18 j 13:22	3° Υ 47'07	-2°48'54				
minimum elong	-11510 Jun 18 j 15:44	3° Υ 39'38	2°48'23				
	-11510 Jun 21 j 18:16	30° B					

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

asc. node	-11509 Jun 16 j 02:26	12° K 45'38			-11508 May 16 j 14:16	30° K	
morning max el	-11509 Jun 18 j 00:05	14° K 28'11	18°30'53	morning rise	-11508 May 22 j 06:03	25° K 22'02	
	-11509 Jun 29 j 02:31	0° Y		direct	-11508 May 25 j 01:40	24° K 41'45	
morning set	-11509 Jul 07 j 18:49	14° Y 12'16		morning max el	-11508 May 31 j 13:23	28° K 06'28	18°07'33
	-11509 Jul 17 j 11:57	0° B		asc. node	-11508 Jun 01 j 23:14	29° K 37'29	
					-11508 Jun 02 j 06:56	0° K	
superior conj	-11509 Jul 22 j 14:31	8° B 09'48	1°02'18	morning set	-11508 Jun 18 j 05:51	25° K 18'21	
minimum elong	-11509 Jul 22 j 20:53	8° B 35'09	1°02'01		-11508 Jun 20 j 23:31	0° Y	
max. Earth dist.	-11509 Jul 24 j 18:34	11° B 36'23	1.44503 AU				
desc. node	-11509 Aug 02 j 16:21	25° B 40'04		superior conj	-11508 Jul 01 j 04:29	17° Y 05'51	1°33'12
	-11509 Aug 05 j 10:24	0° II		minimum elong	-11508 Jul 01 j 09:55	17° Y 28'08	1°32'58
evening rise	-11509 Aug 08 j 04:11	4° II 18'52		max. Earth dist.	-11508 Jul 06 j 09:14	25° Y 31'19	1.43797 AU
	-11509 Aug 24 j 21:15	0° E			-11508 Jul 09 j 04:34	0° B	
evening max el	-11509 Aug 31 j 10:12	8° E 12'54	19°21'04	evening rise	-11508 Jul 17 j 10:19	12° B 55'57	
retrograde	-11509 Sep 07 j 12:49	12° E 16'59		desc. node	-11508 Jul 19 j 13:42	16° B 14'54	
evening set	-11509 Sep 10 j 19:29	11° E 14'46			-11508 Jul 28 j 13:56	0° II	
asc. node	-11509 Sep 12 j 02:56	10° E 16'00		evening max el	-11508 Aug 13 j 14:40	21° II 41'03	20°18'14
inferior conj	-11509 Sep 16 j 11:57	5° E 21'31	1°21'54	retrograde	-11508 Aug 21 j 09:38	26° II 13'35	
minimum elong	-11509 Sep 16 j 10:05	5° E 27'28	1°21'51	evening set	-11508 Aug 25 j 02:35	24° II 54'16	
min. Earth dist.	-11509 Sep 17 j 18:52	3° E 43'14	0.65812 AU	asc. node	-11508 Aug 28 j 23:56	20° II 54'16	
	-11509 Sep 21 j 00:39	30° K II		inferior conj	-11508 Aug 30 j 13:23	18° II 51'23	0°29'42
morning rise	-11509 Sep 22 j 00:20	29° II 05'13		minimum elong	-11508 Aug 30 j 12:43	18° II 53'39	0°30'03
direct	-11509 Sep 28 j 03:23	26° II 29'25		min. Earth dist.	-11508 Aug 31 j 09:04	17° II 45'35	0.66579 AU
	-11509 Oct 06 j 08:51	0° E		morning rise	-11508 Sep 04 j 22:36	12° II 31'01	
morning max el	-11509 Oct 10 j 15:25	3° E 47'32	26°04'44	direct	-11508 Sep 10 j 11:30	10° II 09'30	
desc. node	-11509 Oct 29 j 15:37	28° E 15'40		morning max el	-11508 Sep 22 j 01:14	17° II 03'10	24°50'37
	-11509 Oct 30 j 19:09	0° O			-11508 Oct 02 j 21:13	0° E	
morning set	-11509 Nov 15 j 15:54	26° O 42'59		desc. node	-11508 Oct 15 j 12:26	18° E 18'37	
	-11509 Nov 17 j 10:06	0° O			-11508 Oct 22 j 18:46	0° O	
max. Earth dist.	-11509 Nov 19 j 17:54	4° O 26'36	1.35865 AU	morning set	-11508 Oct 27 j 22:01	8° O 47'52	
				max. Earth dist.	-11508 Oct 31 j 19:38	15° O 47'56	1.37627 AU
superior conj	-11509 Nov 24 j 19:13	14° O 28'26	-1°36'10				
minimum elong	-11509 Nov 24 j 20:21	14° O 34'08	1°35'56	superior conj	-11508 Nov 07 j 07:24	28° O 04'06	-1°39'09
	-11509 Dec 02 j 08:30	0° A		minimum elong	-11508 Nov 07 j 07:08	28° O 02'48	1°38'47
evening rise	-11509 Dec 02 j 12:56	0° A 22'41			-11508 Nov 08 j 07:08	0° O	
asc. node	-11509 Dec 09 j 01:11	13° A 06'18		evening rise	-11508 Nov 15 j 15:38	14° O 38'51	
	-11509 Dec 20 j 22:52	0° M			-11508 Nov 23 j 18:48	0° A	
evening max el	-11509 Dec 21 j 01:48	0° M 06'55	20°21'55	asc. node	-11508 Nov 24 j 22:31	1° A 55'55	
retrograde	-11509 Dec 31 j 14:08	5° M 03'06		evening max el	-11508 Dec 02 j 17:11	12° A 08'36	19°18'30
evening set	-11508 Jan 03 j 05:22	4° M 45'49		retrograde	-11508 Dec 11 j 17:33	16° A 25'23	
inferior conj	-11508 Jan 11 j 21:54	0° M 45'35	3°13'07	evening set	-11508 Dec 14 j 05:58	16° A 06'51	
minimum elong	-11508 Jan 12 j 03:36	0° M 37'02	3°11'34	inferior conj	-11508 Dec 22 j 10:09	11° A 54'50	4°04'01
	-11508 Jan 13 j 04:16	30° K A		minimum elong	-11508 Dec 22 j 13:17	11° A 49'34	4°03'37
min. Earth dist.	-11508 Jan 13 j 15:52	29° A 42'44	0.55909 AU	min. Earth dist.	-11508 Dec 25 j 05:48	10° A 01'22	0.57125 AU
morning rise	-11508 Jan 21 j 00:11	26° A 19'02		morning rise	-11508 Dec 30 j 18:24	7° A 03'33	
direct	-11508 Jan 24 j 17:06	25° A 48'49		direct	-11507 Jan 04 j 19:58	6° A 04'22	
desc. node	-11508 Jan 25 j 17:13	25° A 51'06		desc. node	-11507 Jan 11 j 13:58	7° A 49'03	
	-11508 Feb 04 j 07:46	0° M		morning max el	-11507 Jan 18 j 19:26	13° A 09'46	24°54'26
morning max el	-11508 Feb 07 j 04:34	2° M 28'25	23°18'40		-11507 Jan 31 j 21:19	0° M	
	-11508 Feb 25 j 19:48	0° J		morning set	-11507 Feb 13 j 23:21	24° M 26'41	
morning set	-11508 Mar 01 j 10:50	9° J 21'37			-11507 Feb 16 j 14:02	0° J	
asc. node	-11508 Mar 05 j 23:08	18° J 57'04					
superior conj	-11508 Mar 08 j 13:50	24° J 32'42	0°24'42	superior conj	-11507 Feb 20 j 23:04	9° J 28'43	0°01'07
minimum elong	-11508 Mar 08 j 12:48	24° J 27'09	0°23'52	minimum elong	-11507 Feb 20 j 23:03	9° J 28'37	0°00'31
max. Earth dist.	-11508 Mar 10 j 20:55	29° J 24'33	1.33834 AU	behind sun begin	-11507 Feb 20 j 17:59	9° J 01'10	
	-11508 Mar 11 j 03:40	0° B		behind sun end	-11507 Feb 21 j 04:07	9° J 56'04	
evening rise	-11508 Mar 16 j 07:01	10° B 30'32		asc. node	-11507 Feb 20 j 20:17	9° J 13'37	
	-11508 Mar 26 j 20:47	0° K		max. Earth dist.	-11507 Feb 22 j 05:20	12° J 12'19	1.33169 AU
	-11508 Apr 17 j 06:58	0° K		evening rise	-11507 Feb 28 j 07:29	25° J 00'59	
evening max el	-11508 Apr 19 j 02:00	1° K 49'03	27°25'00		-11507 Mar 02 j 19:16	0° B	
desc. node	-11508 Apr 22 j 16:47	5° K 01'10			-11507 Mar 20 j 11:49	0° K	
retrograde	-11508 May 02 j 18:17	9° K 23'43		evening max el	-11507 Apr 01 j 09:54	14° K 24'37	27°20'20
evening set	-11508 May 09 j 17:15	6° K 45'45		desc. node	-11507 Apr 09 j 14:03	20° K 29'02	
min. Earth dist.	-11508 May 13 j 09:15	3° K 25'04	0.63680 AU	retrograde	-11507 Apr 15 j 09:13	21° K 57'09	
inferior conj	-11508 May 15 j 22:22	0° K 42'13	-3°28'19	evening set	-11507 Apr 22 j 04:38	19° K 41'49	
minimum elong	-11508 May 15 j 23:13	0° K 39'57	3°28'36	min. Earth dist.	-11507 Apr 25 j 22:11	16° K 43'24	0.61883 AU
				inferior conj	-11507 Apr 28 j 23:51	13° K 49'07	-3°27'12

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

minimum elong	-11507 Apr 28 j 23:02	13° \approx 51'04	3°27'40	inferior conj	-11506 Apr 11 j 10:47	26° \approx 32'38	-3°05'24
morning rise	-11507 May 05 j 19:04	8° \approx 47'43		minimum elong	-11506 Apr 11 j 08:05	26° \approx 38'15	3°05'37
direct	-11507 May 08 j 10:11	8° \approx 16'44		morning rise	-11506 Apr 18 j 20:23	21° \approx 50'59	
morning max el	-11507 May 15 j 03:15	11° \approx 39'54	18°02'27	direct	-11506 Apr 21 j 07:23	21° \approx 27'53	
asc. node	-11507 May 19 j 20:03	17° \approx 26'44		morning max el	-11506 Apr 28 j 14:59	25° \approx 01'45	18°16'14
	-11507 May 27 j 10:55	0° \approx			-11506 May 02 j 19:26	0° \approx	
morning set	-11507 May 31 j 14:53	7° \approx 27'41		asc. node	-11506 May 06 j 16:54	6° \approx 00'50	
				morning set	-11506 May 14 j 17:12	20° \approx 30'07	
					-11506 May 19 j 18:54	0° \approx	
superior conj	-11507 Jun 11 j 20:19	27° \approx 17'52	1°47'44	superior conj	-11506 May 24 j 14:12	8° \approx 48'20	1°48'04
minimum elong	-11507 Jun 11 j 22:07	27° \approx 25'34	1°47'37	minimum elong	-11506 May 24 j 12:57	8° \approx 42'39	1°47'47
	-11507 Jun 13 j 10:19	0° \approx		max. Earth dist.	-11506 May 31 j 23:30	21° \approx 45'24	1.40811 AU
max. Earth dist.	-11507 Jun 18 j 19:02	8° \approx 57'25	1.42506 AU		-11506 Jun 05 j 21:54	0° \approx	
evening rise	-11507 Jun 26 j 11:32	21° \approx 19'09		evening rise	-11506 Jun 06 j 06:03	0° \approx 33'20	
	-11507 Jul 02 j 01:33	0° \approx		desc. node	-11506 Jun 23 j 08:36	26° \approx 53'20	
desc. node	-11507 Jul 06 j 11:08	6° \approx 40'48			-11506 Jun 25 j 12:47	0° \approx	
	-11507 Jul 23 j 01:08	0° \approx		evening max el	-11506 Jul 10 j 03:35	18° \approx 26'20	22°47'48
evening max el	-11507 Jul 27 j 12:21	5° \approx 05'11	21°28'30	retrograde	-11506 Jul 19 j 23:41	24° \approx 16'28	
retrograde	-11507 Aug 05 j 05:45	10° \approx 14'03		evening set	-11506 Jul 24 j 19:04	22° \approx 15'58	
evening set	-11507 Aug 09 j 11:05	8° \approx 34'56		inferior conj	-11506 Jul 30 j 00:23	16° \approx 02'14	-1°09'00
inferior conj	-11507 Aug 14 j 18:09	2° \approx 25'21	-0°21'08	minimum elong	-11506 Jul 30 j 01:46	15° \approx 57'28	1°08'04
minimum elong	-11507 Aug 14 j 18:35	2° \approx 23'50	0°20'25	min. Earth dist.	-11506 Jul 29 j 22:57	16° \approx 07'13	0.67244 AU
min. Earth dist.	-11507 Aug 15 j 03:14	1° \approx 54'04	0.67057 AU	asc. node	-11506 Aug 02 j 17:48	11° \approx 16'51	
asc. node	-11507 Aug 15 j 20:54	0° \approx 53'47		morning rise	-11506 Aug 04 j 08:22	9° \approx 45'34	
	-11507 Aug 16 j 13:02	30° \approx 8'8		direct	-11506 Aug 08 j 17:55	8° \approx 00'12	
morning rise	-11507 Aug 20 j 01:55	26° \approx 04'55		morning max el	-11506 Aug 18 j 00:53	13° \approx 34'53	22°04'19
direct	-11507 Aug 25 j 00:39	24° \approx 01'02			-11506 Aug 30 j 23:22	0° \approx	
	-11507 Sep 04 j 04:16	0° \approx		morning set	-11506 Sep 19 j 07:43	29° \approx 14'08	
morning max el	-11507 Sep 04 j 11:29	0° \approx 18'15	23°27'36	desc. node	-11506 Sep 19 j 06:17	29° \approx 11'08'24	
	-11507 Sep 26 j 19:24	0° \approx			-11506 Sep 19 j 19:11	0° \approx	
desc. node	-11507 Oct 02 j 09:18	8° \approx 37'51		max. Earth dist.	-11506 Sep 25 j 19:42	9° \approx 50'30	1.41532 AU
morning set	-11507 Oct 09 j 04:08	19° \approx 39'25					
max. Earth dist.	-11507 Oct 13 j 17:51	27° \approx 26'50	1.39604 AU	superior conj	-11506 Oct 03 j 07:48	22° \approx 41'15	-1°17'18
	-11507 Oct 15 j 04:52	0° \approx		minimum elong	-11506 Oct 03 j 03:51	22° \approx 23'54	1°16'20
					-11506 Oct 07 j 10:15	0° \approx	
superior conj	-11507 Oct 21 j 05:22	10° \approx 53'01	-1°33'39	evening rise	-11506 Oct 13 j 19:57	11° \approx 44'14	
minimum elong	-11507 Oct 21 j 03:12	10° \approx 42'58	1°33'01		-11506 Oct 24 j 04:54	0° \approx	
evening rise	-11507 Oct 30 j 11:01	28° \approx 28'20		asc. node	-11506 Oct 29 j 17:07	7° \approx 16'30	
	-11507 Oct 31 j 06:04	0° \approx		evening max el	-11506 Oct 30 j 02:11	7° \approx 39'29	18°11'41
asc. node	-11507 Nov 11 j 19:50	20° \approx 03'29		retrograde	-11506 Nov 06 j 03:59	11° \approx 15'20	
evening max el	-11507 Nov 15 j 18:06	24° \approx 41'44	18°35'01	evening set	-11506 Nov 08 j 16:09	10° \approx 48'56	
retrograde	-11507 Nov 23 j 14:14	28° \approx 31'39		inferior conj	-11506 Nov 15 j 18:48	5° \approx 55'15	4°00'56
evening set	-11507 Nov 26 j 01:54	28° \approx 09'54		minimum elong	-11506 Nov 15 j 15:49	6° \approx 01'56	4°00'50
inferior conj	-11507 Dec 03 j 17:04	23° \approx 38'11	4°16'49	min. Earth dist.	-11506 Nov 18 j 20:30	3° \approx 11'24	0.60672 AU
minimum elong	-11507 Dec 03 j 16:31	23° \approx 39'15	4°16'55	morning rise	-11506 Nov 22 j 14:07	0° \approx 22'41	
min. Earth dist.	-11507 Dec 06 j 22:12	21° \approx 09'21	0.58816 AU		-11506 Nov 23 j 05:16	30° \approx 8'0	
morning rise	-11507 Dec 11 j 05:17	18° \approx 24'45		direct	-11506 Nov 29 j 11:34	28° \approx 11'25	
direct	-11507 Dec 17 j 10:47	16° \approx 47'49			-11506 Dec 06 j 01:08	0° \approx	
desc. node	-11507 Dec 29 j 10:40	22° \approx 13'56		morning max el	-11506 Dec 13 j 10:39	5° \approx 36'04	27°12'38
morning max el	-11507 Dec 31 j 12:03	24° \approx 05'27	26°16'51	desc. node	-11506 Dec 16 j 07:19	8° \approx 32'39	
	-11506 Jan 05 j 22:08	0° \approx			-11506 Dec 31 j 18:26	0° \approx	
	-11506 Jan 24 j 18:21	0° \approx		morning set	-11505 Jan 13 j 19:44	24° \approx 23'09	
morning set	-11506 Jan 29 j 10:58	9° \approx 12'41			-11505 Jan 16 j 11:52	0° \approx	
				superior conj	-11505 Jan 20 j 22:18	9° \approx 35'37	-0°43'22
superior conj	-11506 Feb 05 j 10:28	24° \approx 31'59	-0°21'50	minimum elong	-11505 Jan 20 j 23:55	9° \approx 44'27	0°43'27
minimum elong	-11506 Feb 05 j 11:22	24° \approx 36'53	0°22'09	max. Earth dist.	-11505 Jan 20 j 07:28	8° \approx 14'45	1.32816 AU
max. Earth dist.	-11506 Feb 05 j 18:06	25° \approx 13'40	1.32828 AU	asc. node	-11505 Jan 25 j 14:47	19° \approx 46'43	
asc. node	-11506 Feb 07 j 17:31	29° \approx 31'47		evening rise	-11505 Jan 27 j 23:05	24° \approx 45'24	
	-11506 Feb 07 j 22:44	0° \approx			-11505 Jan 30 j 12:15	0° \approx	
evening rise	-11506 Feb 12 j 13:34	9° \approx 48'46			-11505 Feb 17 j 12:26	0° \approx	
	-11506 Feb 23 j 04:06	0° \approx		evening max el	-11505 Feb 24 j 11:02	7° \approx 49'09	25°36'04
evening max el	-11506 Mar 14 j 13:20	26° \approx 25'35	26°42'55	retrograde	-11505 Mar 10 j 12:40	15° \approx 00'30	
	-11506 Mar 18 j 18:27	0° \approx		desc. node	-11505 Mar 14 j 08:18	14° \approx 25'30	
desc. node	-11506 Mar 27 j 11:13	3° \approx 46'44		evening set	-11505 Mar 15 j 20:54	13° \approx 52'33	
retrograde	-11506 Mar 28 j 16:04	3° \approx 50'27		min. Earth dist.	-11505 Mar 21 j 00:20	10° \approx 57'00	0.57992 AU
evening set	-11506 Apr 03 j 22:19	2° \approx 07'48					
	-11506 Apr 07 j 04:46	30° \approx 8'3					
min. Earth dist.	-11506 Apr 08 j 02:42	29° \approx 31'744	0.59908 AU				

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

inferior conj	-11505 Mar 24 j 03:35	8° Z 42'59	-2°16'35	minimum elong	-11504 Mar 03 j 22:18	20° Z 18'10	0°57'18
minimum elong	-11505 Mar 23 j 23:53	8° Z 49'37	2°16'21	morning rise	-11504 Mar 12 j 20:10	16° Z 07'38	
morning rise	-11505 Apr 01 j 06:03	4° Z 20'47		direct	-11504 Mar 15 j 00:25	15° Z 54'56	
direct	-11505 Apr 03 j 13:02	4° Z 04'01		morning max el	-11504 Mar 24 j 20:15	20° Z 33'08	19°42'36
morning max el	-11505 Apr 11 j 21:37	8° Z 02'33	18°49'31		-11504 Apr 01 j 06:44	0° Z	
asc. node	-11505 Apr 23 j 13:47	25° Z 08'47		asc. node	-11504 Apr 09 j 10:45	14° Z 42'29	
	-11505 Apr 26 j 03:42	0° \approx		morning set	-11504 Apr 11 j 08:30	18° Z 29'40	
morning set	-11505 Apr 28 j 08:17	4° \approx 13'56			-11504 Apr 17 j 01:34	0° \approx	
superior conj	-11505 May 07 j 05:10	21° \approx 23'56	1°38'12	superior conj	-11504 Apr 19 j 11:51	4° \approx 50'12	1°21'38
minimum elong	-11505 May 07 j 02:24	21° \approx 10'52	1°37'33	minimum elong	-11504 Apr 19 j 08:51	4° \approx 35'18	1°20'43
	-11505 May 11 j 20:21	0° X		max. Earth dist.	-11504 Apr 25 j 01:57	15° \approx 36'39	1.37136 AU
max. Earth dist.	-11505 May 14 j 00:12	3° X 53'24	1.38939 AU	evening rise	-11504 Apr 29 j 02:50	23° \approx 01'47	
evening rise	-11505 May 18 j 03:39	11° X 08'12			-11504 May 03 j 01:51	0° X	
	-11505 May 29 j 18:02	0° Y			-11504 May 22 j 11:07	0° Y	
desc. node	-11505 Jun 10 j 06:04	16° Y 45'50		desc. node	-11504 May 27 j 03:29	6° Y 10'02	
	-11505 Jun 20 j 21:39	0° Z		evening max el	-11504 Jun 03 j 23:56	15° Y 07'41	25°27'29
evening max el	-11505 Jun 22 j 14:27	1° Z 46'20	24°10'04	retrograde	-11504 Jun 16 j 01:07	22° Y 11'10	
retrograde	-11505 Jul 03 j 14:23	8° Z 16'58		evening set	-11504 Jun 22 j 01:42	19° Y 33'30	
evening set	-11505 Jul 09 j 00:37	5° Z 55'53		min. Earth dist.	-11504 Jun 26 j 09:30	14° Y 39'00	0.66645 AU
min. Earth dist.	-11505 Jul 13 j 17:48	0° Z 22'56	0.67115 AU	inferior conj	-11504 Jun 27 j 10:14	13° Y 18'02	-2°30'24
inferior conj	-11505 Jul 14 j 06:21	29° Y 40'13	-1°52'33	minimum elong	-11504 Jun 27 j 12:36	13° Y 10'16	2°29'40
minimum elong	-11505 Jul 14 j 08:24	29° Y 33'15	1°51'37	morning rise	-11504 Jul 02 j 23:33	7° Y 18'47	
	-11505 Jul 14 j 00:32	30° R Y		direct	-11504 Jul 06 j 11:51	6° Y 07'06	
morning rise	-11505 Jul 19 j 16:08	23° Y 30'45		asc. node	-11504 Jul 06 j 11:27	6° Y 07'06	
asc. node	-11505 Jul 20 j 14:38	22° Y 53'35		morning max el	-11504 Jul 13 j 21:28	10° Y 24'32	19°42'32
direct	-11505 Jul 23 j 14:06	22° Y 03'10			-11504 Jul 28 j 04:43	0° Z	
morning max el	-11505 Jul 31 j 19:54	26° Y 56'20	20°47'40	morning set	-11504 Aug 07 j 18:51	16° Z 25'00	
	-11505 Aug 03 j 13:33	0° Z			-11504 Aug 16 j 10:37	0° Z	
	-11505 Aug 24 j 12:26	0° Z		max. Earth dist.	-11504 Aug 20 j 17:28	6° Z 47'11	1.44189 AU
morning set	-11505 Aug 29 j 14:54	7° Z 53'10		desc. node	-11504 Aug 23 j 00:32	10° Z 26'50	
desc. node	-11505 Sep 06 j 03:23	19° Z 46'05		superior conj	-11504 Aug 24 j 06:22	12° Z 26'22	-0°07'29
max. Earth dist.	-11505 Sep 08 j 04:02	23° Z 02'05	1.43129 AU	minimum elong	-11504 Aug 24 j 05:35	12° Z 23'11	0°06'47
	-11505 Sep 12 j 10:15	0° Z		behind sun begin	-11504 Aug 23 j 19:31	11° Z 42'51	
superior conj	-11505 Sep 14 j 08:57	3° Z 13'59	-0°48'16	behind sun end	-11504 Aug 24 j 15:38	13° Z 03'35	
minimum elong	-11505 Sep 14 j 04:51	2° Z 56'55	0°47'10		-11504 Sep 04 j 00:21	0° Z	
evening rise	-11505 Sep 26 j 14:14	24° Z 16'32		evening rise	-11504 Sep 07 j 12:29	5° Z 51'15	
	-11505 Sep 29 j 20:16	0° Z			-11504 Sep 22 j 13:59	0° Z	
evening max el	-11505 Oct 13 j 14:32	20° Z 54'22	18°07'56	evening max el	-11504 Sep 26 j 04:08	4° Z 18'51	18°22'47
asc. node	-11505 Oct 16 j 14:19	23° Z 19'48		asc. node	-11504 Oct 02 j 11:29	7° Z 56'19	
retrograde	-11505 Oct 20 j 07:03	24° Z 26'50		retrograde	-11504 Oct 02 j 19:07	7° Z 56'52	
evening set	-11505 Oct 22 j 21:28	23° Z 54'04		evening set	-11504 Oct 05 j 13:58	7° Z 15'13	
inferior conj	-11505 Oct 29 j 12:38	18° Z 40'00	3°26'47	inferior conj	-11504 Oct 11 j 19:03	1° Z 43'39	2°42'02
minimum elong	-11505 Oct 29 j 08:51	18° Z 49'37	3°26'23	minimum elong	-11504 Oct 11 j 15:35	1° Z 53'25	2°41'34
min. Earth dist.	-11505 Nov 01 j 04:02	15° Z 59'52	0.62440 AU		-11504 Oct 13 j 07:46	30° R Z	
morning rise	-11505 Nov 04 j 19:14	12° Z 50'51		min. Earth dist.	-11504 Oct 13 j 21:45	29° Z 21'12	0.63981 AU
direct	-11505 Nov 11 j 20:48	10° Z 16'28		morning rise	-11504 Oct 17 j 16:29	25° Z 41'08	
morning max el	-11505 Nov 25 j 15:37	17° Z 47'11	27°34'34	direct	-11504 Oct 24 j 13:27	22° Z 56'59	
desc. node	-11505 Dec 03 j 03:58	26° Z 14'11			-11504 Nov 06 j 12:00	0° Z	
	-11505 Dec 06 j 00:44	0° Z		morning max el	-11504 Nov 07 j 00:31	0° Z 30'11	27°22'08
	-11505 Dec 24 j 09:42	0° Z		desc. node	-11504 Nov 19 j 00:39	14° Z 53'48	
morning set	-11505 Dec 28 j 23:34	8° Z 59'37			-11504 Nov 28 j 23:52	0° Z	
max. Earth dist.	-11504 Jan 03 j 17:42	21° Z 02'24	1.33149 AU	morning set	-11504 Dec 11 j 19:42	23° Z 08'54	
					-11504 Dec 15 j 05:30	0° Z	
superior conj	-11504 Jan 05 j 08:55	24° Z 33'45	-1°02'44	max. Earth dist.	-11504 Dec 16 j 20:48	3° Z 22'58	1.33868 AU
minimum elong	-11504 Jan 05 j 10:58	24° Z 44'50	1°02'39				
	-11504 Jan 07 j 21:07	0° Z		superior conj	-11504 Dec 19 j 16:27	9° Z 19'00	-1°19'07
evening rise	-11504 Jan 12 j 10:13	9° Z 44'15		minimum elong	-11504 Dec 19 j 18:32	9° Z 30'07	1°18'57
asc. node	-11504 Jan 12 j 12:04	9° Z 54'01		evening rise	-11504 Dec 26 j 21:14	24° Z 38'18	
	-11504 Jan 23 j 00:41	0° Z		asc. node	-11504 Dec 29 j 09:23	29° Z 47'57	
evening max el	-11504 Feb 06 j 04:36	18° Z 46'09	24°09'04		-11504 Dec 29 j 11:46	0° Z	
retrograde	-11504 Feb 19 j 21:31	25° Z 33'54		evening max el	-11503 Jan 17 j 22:38	29° Z 38'19	22°35'04
evening set	-11504 Feb 24 j 03:23	24° Z 53'43			-11503 Jan 18 j 08:01	0° Z	
desc. node	-11504 Feb 29 j 05:15	22° Z 34'43		retrograde	-11503 Jan 30 j 18:33	5° Z 48'01	
min. Earth dist.	-11504 Mar 01 j 17:44	21° Z 40'21	0.56444 AU	evening set	-11503 Feb 03 j 01:54	5° Z 24'02	
inferior conj	-11504 Mar 04 j 00:31	20° Z 14'41	-0°57'22	min. Earth dist.	-11503 Feb 11 j 09:09	1° Z 40'17	0.55562 AU

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

inferior conj	-11503 Feb 12 j 04:42	1°♂12'05	0°44'43	inferior conj	-11502 Jan 23 j 01:58	11°♂54'04	2°26'06
minimum elong	-11503 Feb 12 j 06:36	1°♂09'20	0°43'33	minimum elong	-11502 Jan 23 j 07:24	11°♂46'14	2°24'13
	-11503 Feb 14 j 07:28	30°♂		min. Earth dist.	-11502 Jan 23 j 23:17	11°♂23'22	0.55538 AU
desc. node	-11503 Feb 15 j 02:08	29°♂34'45		morning rise	-11502 Feb 01 j 10:15	7°♂39'23	
morning rise	-11503 Feb 21 j 12:29	27°♂08'48		desc. node	-11502 Feb 01 j 22:59	7°♂32'56	
direct	-11503 Feb 23 j 20:20	26°♂56'04		direct	-11502 Feb 04 j 11:21	7°♂18'52	
	-11503 Mar 04 j 10:37	0°♂		morning max el	-11502 Feb 17 j 09:08	13°♂36'39	22°23'16
morning max el	-11503 Mar 07 j 08:20	2°♂24'56	20°54'54		-11502 Mar 01 j 15:02	0°♂	
	-11503 Mar 25 j 01:48	0°♂		morning set	-11502 Mar 11 j 01:18	18°♂03'18	
morning set	-11503 Mar 26 j 14:58	3°♂08'42		asc. node	-11502 Mar 14 j 04:49	24°♂40'26	
asc. node	-11503 Mar 27 j 07:46	4°♂34'58			-11502 Mar 16 j 17:02	0°♂	
superior conj	-11503 Apr 03 j 05:50	18°♂53'52	1°01'01	superior conj	-11502 Mar 18 j 07:40	3°♂24'13	0°38'15
minimum elong	-11503 Apr 03 j 03:19	18°♂41'01	1°00'00	minimum elong	-11502 Mar 18 j 06:02	3°♂15'40	0°37'18
max. Earth dist.	-11503 Apr 07 j 10:55	27°♂22'47	1.35585 AU	max. Earth dist.	-11502 Mar 21 j 06:16	9°♂32'26	1.34375 AU
	-11503 Apr 08 j 18:59	0°♂		evening rise	-11502 Mar 26 j 07:45	19°♂42'16	
evening rise	-11503 Apr 11 j 22:01	5°♂58'45			-11502 Mar 31 j 19:10	0°♂	
	-11503 Apr 25 j 20:11	0°♂			-11502 Apr 19 j 20:32	0°♂	
desc. node	-11503 May 14 j 00:52	24°♂54'30		evening max el	-11502 Apr 29 j 21:12	11°♂42'33	27°13'28
evening max el	-11503 May 17 j 10:11	28°♂29'11	26°31'22	desc. node	-11502 Apr 30 j 22:14	12°♂42'16	
	-11503 May 19 j 00:27	0°♂		retrograde	-11502 May 13 j 07:56	19°♂15'17	
retrograde	-11503 May 30 j 07:14	5°♂53'18		evening set	-11502 May 20 j 04:54	16°♂30'49	
evening set	-11503 Jun 05 j 20:03	3°♂06'48		min. Earth dist.	-11502 May 23 j 22:54	12°♂51'52	0.64564 AU
	-11503 Jun 08 j 20:51	30°♂		inferior conj	-11502 May 26 j 03:33	10°♂22'58	-3°21'48
min. Earth dist.	-11503 Jun 09 j 19:54	28°♂51'22	0.65800 AU	minimum elong	-11502 May 26 j 05:05	10°♂18'35	3°21'53
inferior conj	-11503 Jun 11 j 10:05	26°♂53'47	-3°00'53	morning rise	-11502 Jun 01 j 05:47	4°♂52'21	
minimum elong	-11503 Jun 11 j 12:19	26°♂46'52	3°00'31	direct	-11502 Jun 04 j 04:20	4°♂06'00	
morning rise	-11503 Jun 17 j 04:47	21°♂07'33		asc. node	-11502 Jun 10 j 05:05	7°♂08'24	
direct	-11503 Jun 20 j 09:22	20°♂09'34		morning max el	-11502 Jun 10 j 16:44	7°♂36'52	18°18'42
asc. node	-11503 Jun 23 j 08:16	20°♂56'42			-11502 Jun 25 j 19:34	0°♂	
morning max el	-11503 Jun 27 j 04:59	23°♂59'08	18°52'14	morning set	-11502 Jun 29 j 11:19	6°♂07'31	
	-11503 Jul 02 j 02:46	0°♂					
morning set	-11503 Jul 18 j 14:40	25°♂41'45		superior conj	-11502 Jul 13 j 12:05	29°♂10'12	1°17'22
	-11503 Jul 21 j 07:05	0°♂		minimum elong	-11502 Jul 13 j 18:40	29°♂36'36	1°17'02
					-11502 Jul 14 j 00:30	0°♂	
superior conj	-11503 Aug 03 j 08:34	20°♂45'37	0°38'17	max. Earth dist.	-11502 Jul 17 j 01:51	4°♂52'55	1.44287 AU
minimum elong	-11503 Aug 03 j 13:06	21°♂03'34	0°38'14	desc. node	-11502 Jul 27 j 19:06	21°♂45'51	
max. Earth dist.	-11503 Aug 03 j 09:33	20°♂49'30	1.44590 AU	evening rise	-11502 Jul 30 j 03:09	25°♂24'39	
	-11503 Aug 09 j 04:39	0°♂			-11502 Aug 02 j 01:54	0°♂	
desc. node	-11503 Aug 09 j 21:46	1°♂07'55		greatest brilliancy	-11502 Aug 10 j 19:45	13°♂27'40	-0.7m
evening rise	-11503 Aug 19 j 09:16	16°♂15'09			-11502 Aug 22 j 19:16	0°♂	
	-11503 Aug 27 j 23:24	0°♂		evening max el	-11502 Aug 24 j 00:08	1°♂17'36	19°43'41
evening max el	-11503 Sep 09 j 16:13	17°♂48'09	18°55'07	retrograde	-11502 Aug 31 j 08:47	5°♂32'16	
retrograde	-11503 Sep 16 j 12:37	21°♂40'04		evening set	-11502 Sep 03 j 19:37	4°♂23'08	
asc. node	-11503 Sep 19 j 08:35	20°♂54'22		asc. node	-11502 Sep 06 j 05:39	2°♂16'02	
evening set	-11503 Sep 19 j 14:18	20°♂46'24			-11502 Sep 08 j 04:06	30°♂	
inferior conj	-11503 Sep 25 j 10:54	15°♂00'25	1°51'53	inferior conj	-11502 Sep 09 j 09:28	28°♂25'40	0°59'42
minimum elong	-11503 Sep 25 j 08:22	15°♂08'10	1°51'37	minimum elong	-11502 Sep 09 j 08:06	28°♂30'07	0°59'48
min. Earth dist.	-11503 Sep 27 j 00:52	13°♂04'21	0.65235 AU	min. Earth dist.	-11502 Sep 10 j 11:32	27°♂00'52	0.66181 AU
morning rise	-11503 Oct 01 j 01:56	8°♂48'08		morning rise	-11502 Sep 14 j 20:18	22°♂07'23	
direct	-11503 Oct 07 j 12:38	6°♂06'21		direct	-11502 Sep 20 j 17:34	19°♂36'53	
morning max el	-11503 Oct 20 j 10:39	13°♂33'16	26°39'45	morning max el	-11502 Oct 02 j 20:30	26°♂45'38	25°34'47
	-11503 Nov 02 j 22:27	0°♂			-11502 Oct 05 j 21:35	0°♂	
desc. node	-11503 Nov 05 j 21:23	4°♂14'42		desc. node	-11502 Oct 23 j 18:09	24°♂04'38	
	-11503 Nov 21 j 14:26	0°♂			-11502 Oct 27 j 13:15	0°♂	
morning set	-11503 Nov 25 j 04:42	6°♂40'00		morning set	-11502 Nov 07 j 22:05	19°♂19'51	
max. Earth dist.	-11503 Nov 29 j 13:45	15°♂10'59	1.35012 AU	max. Earth dist.	-11502 Nov 11 j 20:12	26°♂35'20	1.36575 AU
					-11502 Nov 13 j 15:06	0°♂	
superior conj	-11503 Dec 03 j 18:45	23°♂44'15	-1°31'27	superior conj	-11502 Nov 17 j 13:04	7°♂40'55	-1°38'21
minimum elong	-11503 Dec 03 j 20:23	23°♂52'46	1°31'14	minimum elong	-11502 Nov 17 j 13:41	7°♂43'57	1°38'04
	-11503 Dec 06 j 18:53	0°♂		evening rise	-11502 Nov 25 j 12:12	23°♂49'56	
evening rise	-11503 Dec 11 j 06:30	9°♂22'03			-11502 Nov 28 j 14:22	0°♂	
asc. node	-11503 Dec 16 j 06:42	19°♂22'42			-11502 Dec 03 j 04:02	8°♂31'16	
	-11503 Dec 22 j 08:33	0°♂		asc. node	-11502 Dec 13 j 08:12	22°♂30'50	19°52'40
evening max el	-11503 Dec 30 j 22:41	10°♂48'48	21°06'39	evening max el	-11502 Dec 23 j 04:13	27°♂08'29	
retrograde	-11502 Jan 11 j 08:45	16°♂10'56		retrograde	-11502 Dec 23 j 04:13	27°♂08'29	
evening set	-11502 Jan 14 j 03:34	15°♂52'59		evening set	-11502 Dec 25 j 18:10	26°♂50'50	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

inferior conj	-11501 Jan 03 j 05:39	22°♌47'04	3°39'42	asc. node	-11501 Nov 20 j 01:22	27°♍04'12	
minimum elong	-11501 Jan 03 j 10:37	22°♌39'17	3°38'37		-11501 Nov 22 j 01:49	0°♌	
min. Earth dist.	-11501 Jan 05 j 12:31	21°♌21'29	0.56349 AU	evening max el	-11501 Nov 26 j 03:45	4°♌45'50	18°57'30
morning rise	-11501 Jan 12 j 01:06	18°♌10'27		retrograde	-11501 Dec 04 j 14:59	8°♌49'56	
direct	-11501 Jan 16 j 08:02	17°♌29'30		evening set	-11501 Dec 07 j 02:55	8°♌30'09	
desc. node	-11501 Jan 19 j 19:46	17°♌57'22		inferior conj	-11501 Dec 15 j 01:28	4°♌09'55	4°13'43
morning max el	-11501 Jan 30 j 01:45	24°♌21'36	24°00'04	minimum elong	-11501 Dec 15 j 02:59	4°♌07'13	4°13'38
	-11501 Feb 04 j 04:40	0°♌		min. Earth dist.	-11501 Dec 18 j 02:49	1°♌59'27	0.57799 AU
	-11501 Feb 22 j 01:33	0°♌			-11501 Dec 21 j 07:26	30°♌	
morning set	-11501 Feb 23 j 13:37	3°♌07'13		morning rise	-11501 Dec 23 j 01:03	29°♌08'58	
asc. node	-11501 Mar 01 j 01:56	14°♌54'35		direct	-11501 Dec 28 j 15:31	27°♌54'26	
					-11500 Jan 05 j 00:13	0°♌	
superior conj	-11501 Mar 02 j 14:51	18°♌13'26	0°14'40	desc. node	-11500 Jan 06 j 16:28	1°♌01'11	
minimum elong	-11501 Mar 02 j 14:15	18°♌10'11	0°13'56	morning max el	-11500 Jan 11 j 16:40	5°♌05'36	25°32'11
behind sun begin	-11501 Mar 02 j 11:50	17°♌57'10			-11500 Jan 29 j 17:21	0°♌	
behind sun end	-11501 Mar 02 j 16:40	18°♌23'11		morning set	-11500 Feb 08 j 01:59	18°♌12'25	
max. Earth dist.	-11501 Mar 04 j 11:04	22°♌10'02	1.33515 AU		-11500 Feb 13 j 13:44	0°♌	
	-11501 Mar 08 j 04:46	0°♌					
evening rise	-11501 Mar 10 j 03:52	3°♌59'22		superior conj	-11500 Feb 15 j 01:13	3°♌13'12	-0°08'45
	-11501 Mar 24 j 13:30	0°♌		minimum elong	-11500 Feb 15 j 01:36	3°♌15'17	0°09'14
evening max el	-11501 Apr 12 j 07:02	24°♌35'55	27°27'00	behind sun begin	-11500 Feb 14 j 21:29	2°♌52'56	
desc. node	-11501 Apr 17 j 19:33	29°♌10'17		behind sun end	-11500 Feb 15 j 05:42	3°♌37'39	
	-11501 Apr 19 j 03:15	0°♌		asc. node	-11500 Feb 15 j 23:07	5°♌12'15	
retrograde	-11501 Apr 26 j 02:27	2°♌09'21		max. Earth dist.	-11500 Feb 15 j 21:55	5°♌05'46	1.32984 AU
	-11501 May 02 j 13:21	30°♌		evening rise	-11500 Feb 22 j 07:00	18°♌38'01	
evening set	-11501 May 03 j 01:07	29°♌39'40			-11500 Feb 28 j 01:36	0°♌	
min. Earth dist.	-11501 May 06 j 17:02	26°♌29'56	0.62958 AU		-11500 Mar 18 j 06:04	0°♌	
inferior conj	-11501 May 09 j 11:50	23°♌40'23	-3°29'59	evening max el	-11500 Mar 24 j 13:08	6°♌56'57	27°08'14
minimum elong	-11501 May 09 j 12:02	23°♌39'51	3°30'24	desc. node	-11500 Apr 03 j 16:46	13°♌47'13	
morning rise	-11501 May 16 j 00:03	18°♌27'47		retrograde	-11500 Apr 07 j 13:58	14°♌26'40	
direct	-11501 May 18 j 17:48	17°♌51'28		evening set	-11500 Apr 14 j 05:16	12°♌24'03	
morning max el	-11501 May 25 j 06:34	21°♌13'50	18°03'04	min. Earth dist.	-11500 Apr 18 j 01:58	9°♌31'19	0.61062 AU
asc. node	-11501 May 28 j 01:54	24°♌26'31		inferior conj	-11500 Apr 21 j 07:33	6°♌38'06	-3°20'52
	-11501 May 31 j 22:41	0°♌		minimum elong	-11500 Apr 21 j 05:54	6°♌41'48	3°21'17
morning set	-11501 Jun 11 j 08:19	17°♌42'13		morning rise	-11500 Apr 28 j 08:34	1°♌45'17	
	-11501 Jun 18 j 10:13	0°♌		direct	-11500 Apr 30 j 22:01	1°♌17'45	
				morning max el	-11500 May 07 j 19:53	4°♌43'25	18°05'59
superior conj	-11501 Jun 23 j 12:24	8°♌36'21	1°41'20	asc. node	-11500 May 13 j 22:44	12°♌36'09	
minimum elong	-11501 Jun 23 j 16:23	8°♌52'57	1°41'11		-11500 May 23 j 21:55	0°♌	
max. Earth dist.	-11501 Jun 29 j 15:17	18°♌39'34	1.43321 AU	morning set	-11500 May 24 j 01:16	0°♌15'24	
	-11501 Jul 06 j 18:04	0°♌					
evening rise	-11501 Jul 09 j 04:25	3°♌48'10		superior conj	-11500 Jun 03 j 15:48	19°♌23'09	1°49'23
desc. node	-11501 Jul 14 j 16:29	12°♌17'27		minimum elong	-11500 Jun 03 j 16:07	19°♌24'34	1°49'14
	-11501 Jul 26 j 13:56	0°♌			-11500 Jun 09 j 20:23	0°♌	
evening max el	-11501 Aug 07 j 01:51	14°♌44'11	20°46'42	max. Earth dist.	-11500 Jun 10 j 23:00	1°♌51'13	1.41823 AU
retrograde	-11501 Aug 15 j 05:28	19°♌30'51		evening rise	-11500 Jun 17 j 10:46	12°♌26'19	
evening set	-11501 Aug 19 j 03:35	18°♌03'09			-11500 Jun 28 j 19:21	0°♌	
asc. node	-11501 Aug 24 j 02:39	12°♌30'31		desc. node	-11500 Jun 30 j 13:56	2°♌38'26	
inferior conj	-11501 Aug 24 j 12:32	11°♌57'04	0°07'51	evening max el	-11500 Jul 19 j 20:32	28°♌06'32	22°01'22
minimum elong	-11501 Aug 24 j 12:21	11°♌57'41	0°08'22		-11500 Jul 21 j 20:23	0°♌	
transit middle	-11501 Aug 24 j 12:21	11°♌57'41	0°08'22	retrograde	-11500 Jul 29 j 00:55	3°♌32'58	
transit begin	-11501 Aug 24 j 10:00	12°♌05'39		evening set	-11500 Aug 02 j 12:07	1°♌44'36	
transit end	-11501 Aug 24 j 14:42	11°♌49'44			-11500 Aug 04 j 07:12	30°♌	
min. Earth dist.	-11501 Aug 25 j 03:35	11°♌06'01	0.66825 AU	inferior conj	-11500 Aug 07 j 18:09	25°♌32'42	-0°41'54
morning rise	-11501 Aug 29 j 20:58	5°♌36'28		minimum elong	-11500 Aug 07 j 19:01	25°♌29'43	0°41'04
direct	-11501 Sep 04 j 03:46	3°♌22'23		min. Earth dist.	-11500 Aug 07 j 22:43	25°♌16'57	0.67171 AU
morning max el	-11501 Sep 15 j 06:16	10°♌01'00	24°15'50	asc. node	-11500 Aug 09 j 23:35	22°♌32'48	
	-11501 Oct 01 j 02:37	0°♌		morning rise	-11500 Aug 13 j 01:50	19°♌13'28	
desc. node	-11501 Oct 10 j 14:58	14°♌15'04		direct	-11500 Aug 17 j 18:39	17°♌17'45	
	-11501 Oct 20 j 05:54	0°♌		morning max el	-11500 Aug 27 j 17:44	23°♌17'25	22°51'48
morning set	-11501 Oct 20 j 18:33	0°♌54'15			-11500 Sep 02 j 13:41	0°♌	
max. Earth dist.	-11501 Oct 24 j 19:56	8°♌01'33	1.38458 AU		-11500 Sep 23 j 12:42	0°♌	
				desc. node	-11500 Sep 26 j 11:54	4°♌39'58	
superior conj	-11501 Oct 31 j 19:47	20°♌57'59	-1°38'01	morning set	-11500 Sep 30 j 13:27	11°♌13'15	
minimum elong	-11501 Oct 31 j 18:45	20°♌53'03	1°37'32	max. Earth dist.	-11500 Oct 05 j 19:21	19°♌58'59	1.40444 AU
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evening rise	-11501 Nov 09 j 12:08	7°♌55'33					




























































































































Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11500 Oct 13 j 10:10	3°Ω22'55	-1°28'11	evening rise	-11499 Oct 06 j 06:49	4°Ω30'25	
minimum elong	-11500 Oct 13 j 07:09	3°Ω09'18	1°27'24		-11499 Oct 22 j 04:25	0°൬	
evening rise	-11500 Oct 23 j 03:35	21°Ω32'14		evening max el	-11499 Oct 22 j 18:15	0°൬35'46	18°07'47
	-11500 Oct 27 j 16:00	0°൬		asc. node	-11499 Oct 23 j 19:54	1°൬35'26	
asc. node	-11500 Nov 05 j 22:39	14°൬50'20		retrograde	-11499 Oct 29 j 15:08	4°൬08'51	
evening max el	-11500 Nov 08 j 08:00	17°൬30'04	18°22'36	evening set	-11499 Nov 01 j 03:58	3°൬40'05	
retrograde	-11500 Nov 15 j 19:23	21°൬12'58			-11499 Nov 06 j 14:08	30°ᠠ᠒	
evening set	-11500 Nov 18 j 06:55	20°൬49'34		inferior conj	-11499 Nov 08 j 01:37	28°᠒37'48	3°48'07
inferior conj	-11500 Nov 25 j 16:39	16°൬08'31	4°12'57	minimum elong	-11499 Nov 07 j 22:07	28°᠒46'05	3°47'53
minimum elong	-11500 Nov 25 j 14:51	16°൬12'14	4°13'01	min. Earth dist.	-11499 Nov 10 j 23:39	25°᠒53'06	0.61448 AU
min. Earth dist.	-11500 Nov 28 j 21:32	13°൬30'34	0.59596 AU	morning rise	-11499 Nov 14 j 15:01	22°᠒57'46	
morning rise	-11500 Dec 02 j 21:06	10°൬46'12		direct	-11499 Nov 21 j 15:39	20°᠒34'36	
direct	-11500 Dec 09 j 10:42	8°൬53'42		morning max el	-11499 Dec 05 j 13:12	28°᠒02'44	27°26'10
morning max el	-11500 Dec 23 j 11:49	16°൬15'20	26°44'29		-11499 Dec 07 j 11:41	0°൬	
desc. node	-11500 Dec 23 j 13:09	16°൬18'32		desc. node	-11499 Dec 10 j 09:48	3°൬15'22	
	-11499 Jan 03 j 19:56	0°᠘			-11499 Dec 28 j 10:23	0°᠘	
	-11499 Jan 20 j 23:23	0°᠓		morning set	-11498 Jan 06 j 19:32	17°᠘58'42	
morning set	-11499 Jan 22 j 12:37	3°᠓12'02			-11498 Jan 12 j 11:52	0°᠓	
				max. Earth dist.	-11498 Jan 12 j 23:29	1°᠓02'54	1.32907 AU
superior conj	-11499 Jan 29 j 12:59	18°᠓17'01	-0°31'11	superior conj	-11498 Jan 14 j 00:29	3°᠓18'46	-0°51'53
minimum elong	-11499 Jan 29 j 14:12	18°᠓23'45	0°31'24	minimum elong	-11498 Jan 14 j 02:20	3°᠓28'47	0°51'55
max. Earth dist.	-11499 Jan 29 j 11:16	18°᠓07'41	1.32777 AU	asc. node	-11498 Jan 19 j 17:36	15°᠓40'59	
asc. node	-11499 Feb 01 j 20:20	25°᠓29'08		evening rise	-11498 Jan 21 j 01:07	18°᠓27'34	
	-11499 Feb 03 j 22:52	0°᠗			-11498 Jan 26 j 19:03	0°᠗	
evening rise	-11499 Feb 05 j 14:44	3°᠗29'46		evening max el	-11498 Feb 16 j 09:30	29°᠗50'38	25°00'55
	-11499 Feb 20 j 00:17	0°᠚			-11498 Feb 16 j 13:28	0°᠚	
evening max el	-11499 Mar 06 j 13:51	18°᠚40'18	26°17'35	retrograde	-11498 Mar 02 j 09:06	6°᠚53'43	
retrograde	-11499 Mar 20 j 17:01	26°᠚01'15		evening set	-11498 Mar 07 j 05:52	5°᠚59'10	
desc. node	-11499 Mar 21 j 13:54	25°᠚59'20		desc. node	-11498 Mar 08 j 10:55	5°᠚29'36	
evening set	-11499 Mar 26 j 14:48	24°᠚33'26		min. Earth dist.	-11498 Mar 12 j 23:04	2°᠚57'09	0.57261 AU
min. Earth dist.	-11499 Mar 31 j 03:12	21°᠚42'41	0.59066 AU	inferior conj	-11498 Mar 15 j 19:27	1°᠚02'09	-1°46'38
inferior conj	-11499 Apr 03 j 11:04	19°᠚07'51	-2°48'22	minimum elong	-11498 Mar 15 j 16:00	1°᠚07'59	1°46'20
minimum elong	-11499 Apr 03 j 07:44	19°᠚14'21	2°48'22		-11498 Mar 17 j 08:49	30°ᠠ᠗	
morning rise	-11499 Apr 11 j 03:39	14°᠚35'02		morning rise	-11498 Mar 24 j 05:22	26°᠗47'01	
direct	-11499 Apr 13 j 12:48	14°᠚14'58		direct	-11498 Mar 26 j 10:39	26°᠗32'26	
morning max el	-11499 Apr 21 j 05:52	17°᠚57'32	18°28'00		-11498 Apr 03 j 12:45	0°᠚	
	-11499 Apr 29 j 23:49	0°᠗		morning max el	-11498 Apr 04 j 09:27	0°᠚46'40	19°09'41
asc. node	-11499 Apr 30 j 19:35	1°᠗25'29		asc. node	-11498 Apr 17 j 16:30	20°᠚45'20	
morning set	-11499 May 07 j 09:28	13°᠗36'06		morning set	-11498 Apr 21 j 04:52	27°᠚34'47	
	-11499 May 16 j 01:20	0°᠋			-11498 Apr 22 j 10:16	0°᠗	
superior conj	-11499 May 16 j 19:20	1°᠋23'04	1°44'55	superior conj	-11498 Apr 29 j 17:36	14°᠗22'01	1°31'49
minimum elong	-11499 May 16 j 17:15	1°᠋13'29	1°44'28	minimum elong	-11498 Apr 29 j 14:37	14°᠗07'35	1°31'03
max. Earth dist.	-11499 May 24 j 00:54	14°᠋19'08	1.40016 AU	max. Earth dist.	-11498 May 06 j 01:07	26°᠗13'09	1.38150 AU
evening rise	-11499 May 28 j 16:21	22°᠋12'56			-11498 May 08 j 03:26	0°᠋	
	-11499 Jun 02 j 10:34	0°᠋		evening rise	-11498 May 10 j 01:30	3°᠋23'34	
desc. node	-11499 Jun 17 j 11:24	22°᠋43'11			-11498 May 26 j 13:14	0°᠋	
	-11499 Jun 22 j 18:49	0°᠋		desc. node	-11498 Jun 04 j 08:51	12°᠋25'05	
evening max el	-11499 Jul 02 j 09:23	11°᠋26'04	23°22'53	evening max el	-11498 Jun 14 j 19:28	24°᠋47'21	24°44'09
retrograde	-11499 Jul 12 j 17:44	17°᠋34'42			-11498 Jun 21 j 06:01	0°᠋	
evening set	-11499 Jul 17 j 19:16	15°᠋25'16		retrograde	-11498 Jun 26 j 06:48	1°᠋33'08	
inferior conj	-11499 Jul 23 j 00:28	9°᠋10'12	-1°28'08		-11498 Jun 30 j 19:21	30°ᠠ᠋	
minimum elong	-11499 Jul 23 j 02:11	9°᠋04'20	1°27'09	evening set	-11498 Jul 01 j 23:10	29°᠋04'38	
min. Earth dist.	-11499 Jul 22 j 18:25	9°᠋31'06	0.67223 AU	min. Earth dist.	-11498 Jul 06 j 12:19	23°᠋47'32	0.66961 AU
asc. node	-11499 Jul 27 j 20:27	3°᠋22'07		inferior conj	-11498 Jul 07 j 05:48	22°᠋48'50	-2°09'25
morning rise	-11499 Jul 28 j 09:00	2°᠋55'58		minimum elong	-11498 Jul 07 j 08:02	22°᠋41'20	2°08'31
direct	-11499 Aug 01 j 13:20	1°᠋18'24		morning rise	-11498 Jul 12 j 16:52	16°᠋43'03	
morning max el	-11499 Aug 10 j 09:17	6°᠋35'36	21°30'30	asc. node	-11498 Jul 14 j 17:17	15°᠋39'09	
	-11499 Aug 27 j 23:41	0°᠋		direct	-11498 Jul 16 j 10:31	15°᠋22'19	
morning set	-11499 Sep 10 j 06:49	20°᠋19'34		morning max el	-11498 Jul 24 j 06:57	19°᠋59'26	20°18'12
desc. node	-11499 Sep 13 j 08:54	25°᠋13'49			-11498 Aug 01 j 06:42	0°᠋	
	-11499 Sep 16 j 07:49	0°᠋		morning set	-11498 Aug 20 j 09:59	28°᠋47'52	
max. Earth dist.	-11499 Sep 17 j 23:18	2°᠋41'28	1.42263 AU		-11498 Aug 21 j 04:31	0°᠋	
superior conj	-11499 Sep 25 j 02:23	14°᠋40'03	-1°06'34	desc. node	-11498 Aug 31 j 06:00	15°᠋53'00	
minimum elong	-11499 Sep 24 j 22:03	14°᠋21'27	1°05'30	max. Earth dist.	-11498 Aug 31 j 09:44	16°᠋07'58	1.43663 AU
	-11499 Oct 03 j 19:00	0°᠒					

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11498 Sep 05 j 15:36	24° Π 38'00	-0°32'09	minimum elong	-11497 Aug 16 j 04:32	3° Π 28'21	0°12'23
minimum elong	-11498 Sep 05 j 12:27	24° Π 25'06	0°31'08	behind sun begin	-11497 Aug 15 j 21:05	2° Π 58'44	
	-11498 Sep 08 j 21:39	0° Ξ		behind sun end	-11497 Aug 16 j 11:59	3° Π 57'58	
evening rise	-11498 Sep 18 j 17:12	16° Ξ 39'18		desc. node	-11497 Aug 18 j 03:13	6° Π 34'15	
	-11498 Sep 26 j 12:21	0° Ω		evening rise	-11497 Aug 31 j 05:13	27° Π 45'40	
evening max el	-11498 Oct 06 j 07:33	13° Ω 55'31	18°12'04		-11497 Sep 01 j 13:54	0° Ξ	
asc. node	-11498 Oct 10 j 17:05	17° Ω 03'36		evening max el	-11497 Sep 19 j 20:53	27° Ξ 22'59	18°34'26
retrograde	-11498 Oct 12 j 22:21	17° Ω 28'53			-11497 Sep 23 j 00:53	0° Ω	
evening set	-11498 Oct 15 j 14:29	16° Ω 52'33		retrograde	-11497 Sep 26 j 13:12	1° Ω 05'41	
inferior conj	-11498 Oct 22 j 01:11	11° Ω 30'46	3°08'40	asc. node	-11497 Sep 27 j 14:14	0° Ω 59'37	
minimum elong	-11498 Oct 21 j 21:26	11° Ω 40'45	3°08'12	evening set	-11497 Sep 29 j 10:46	0° Ω 19'09	
min. Earth dist.	-11498 Oct 24 j 11:20	8° Ω 56'52	0.63140 AU		-11497 Sep 30 j 00:02	30° \mathbb{R} Ξ	
morning rise	-11498 Oct 28 j 03:32	5° Ω 35'49		inferior conj	-11497 Oct 05 j 12:00	24° Ξ 40'50	2°21'11
direct	-11498 Nov 04 j 04:14	2° Ω 55'31		minimum elong	-11497 Oct 05 j 08:53	24° Ξ 49'57	2°20'46
morning max el	-11498 Nov 17 j 19:51	10° Ω 27'19	27°33'11	min. Earth dist.	-11497 Oct 07 j 09:05	22° Ξ 29'09	0.64555 AU
desc. node	-11498 Nov 27 j 06:27	21° Ω 23'41		morning rise	-11497 Oct 11 j 06:26	18° Ξ 33'52	
	-11498 Dec 03 j 08:41	0° \mathbb{P}		direct	-11497 Oct 17 j 23:33	15° Ξ 49'46	
	-11498 Dec 20 j 15:26	0° $\underline{\Omega}$		morning max el	-11497 Oct 31 j 05:38	23° Ξ 20'45	27°07'26
morning set	-11498 Dec 21 j 20:25	2° $\underline{\Omega}$ 24'05			-11497 Nov 06 j 06:38	0° Ω	
max. Earth dist.	-11498 Dec 27 j 07:01	13° $\underline{\Omega}$ 39'27	1.33406 AU	desc. node	-11497 Nov 14 j 03:07	10° Ω 22'43	
					-11497 Nov 26 j 14:23	0° \mathbb{P}	
superior conj	-11498 Dec 29 j 10:01	18° $\underline{\Omega}$ 11'55	-1°10'07	morning set	-11497 Dec 05 j 12:19	16° \mathbb{P} 18'51	
minimum elong	-11498 Dec 29 j 12:08	18° $\underline{\Omega}$ 23'19	1°10'00	max. Earth dist.	-11497 Dec 10 j 06:25	25° \mathbb{P} 48'06	1.34307 AU
	-11497 Jan 03 j 21:40	0° \mathbb{M}			-11497 Dec 12 j 07:11	0° $\underline{\Omega}$	
evening rise	-11497 Jan 05 j 12:24	3° \mathbb{M} 24'52					
asc. node	-11497 Jan 06 j 14:53	5° \mathbb{M} 42'58		superior conj	-11497 Dec 13 j 15:39	2° $\underline{\Omega}$ 49'56	-1°24'56
	-11497 Jan 20 j 04:58	0° \mathbb{J}		minimum elong	-11497 Dec 13 j 17:37	3° $\underline{\Omega}$ 00'18	1°24'44
evening max el	-11497 Jan 29 j 02:46	10° \mathbb{J} 42'46	23°29'12	evening rise	-11497 Dec 20 j 22:57	18° $\underline{\Omega}$ 15'53	
retrograde	-11497 Feb 11 j 12:12	17° \mathbb{J} 15'15		asc. node	-11497 Dec 24 j 12:13	25° $\underline{\Omega}$ 29'54	
evening set	-11497 Feb 15 j 07:35	16° \mathbb{J} 43'30			-11497 Dec 26 j 20:11	0° \mathbb{M}	
min. Earth dist.	-11497 Feb 22 j 15:25	13° \mathbb{J} 19'06	0.55969 AU	evening max el	-11496 Jan 10 j 22:44	21° \mathbb{M} 40'13	21°56'04
desc. node	-11497 Feb 23 j 07:52	12° \mathbb{J} 54'36		retrograde	-11496 Jan 23 j 05:07	27° \mathbb{M} 30'14	
inferior conj	-11497 Feb 24 j 08:29	12° \mathbb{J} 17'38	-0°15'45	evening set	-11496 Jan 26 j 06:11	27° \mathbb{M} 09'36	
minimum elong	-11497 Feb 24 j 07:48	12° \mathbb{J} 18'39	0°16'09	inferior conj	-11496 Feb 04 j 08:10	23° \mathbb{M} 05'12	1°29'36
morning rise	-11497 Mar 05 j 10:15	8° \mathbb{J} 13'41		minimum elong	-11496 Feb 04 j 11:54	22° \mathbb{M} 59'52	1°27'57
direct	-11497 Mar 07 j 15:03	8° \mathbb{J} 01'30		min. Earth dist.	-11496 Feb 04 j 05:53	23° \mathbb{M} 08'27	0.55446 AU
morning max el	-11497 Mar 18 j 03:42	13° \mathbb{J} 00'35	20°11'10	desc. node	-11496 Feb 10 j 04:44	20° \mathbb{M} 04'23	
	-11497 Mar 30 j 03:18	0° Ξ		morning rise	-11496 Feb 13 j 17:57	18° \mathbb{M} 59'23	
asc. node	-11497 Apr 04 j 13:28	10° Ξ 27'27		direct	-11496 Feb 16 j 07:24	18° \mathbb{M} 44'33	
morning set	-11497 Apr 05 j 08:05	12° Ξ 01'19		morning max el	-11496 Feb 28 j 10:52	24° \mathbb{M} 34'33	21°30'56
					-11496 Mar 04 j 06:48	0° \mathbb{J}	
superior conj	-11497 Apr 13 j 05:33	28° Ξ 05'06	1°13'15	morning set	-11496 Mar 19 j 16:28	26° \mathbb{J} 47'51	
minimum elong	-11497 Apr 13 j 02:41	27° Ξ 50'42	1°12'17	asc. node	-11496 Mar 21 j 10:30	0° Ξ 25'57	
	-11497 Apr 14 j 04:31	0° \approx			-11496 Mar 21 j 05:31	0° Ξ	
max. Earth dist.	-11497 Apr 18 j 05:42	7° \approx 55'41	1.36439 AU				
evening rise	-11497 Apr 22 j 09:55	15° \approx 45'58		superior conj	-11496 Mar 27 j 03:15	12° Ξ 21'04	0°51'32
	-11497 Apr 30 j 13:06	0° \mathbb{H}		minimum elong	-11496 Mar 27 j 01:05	12° Ξ 09'51	0°50'32
	-11497 May 20 j 23:38	0° \mathbb{Y}		max. Earth dist.	-11496 Mar 30 j 19:10	19° Ξ 50'48	1.35026 AU
desc. node	-11497 May 22 j 06:18	1° \mathbb{Y} 34'00		evening rise	-11496 Apr 04 j 11:53	29° Ξ 03'59	
evening max el	-11497 May 28 j 05:22	8° \mathbb{Y} 09'58	25°56'49		-11496 Apr 04 j 23:39	0° \approx	
retrograde	-11497 Jun 09 j 15:28	15° \mathbb{Y} 22'51			-11496 Apr 22 j 16:56	0° \mathbb{H}	
evening set	-11497 Jun 15 j 21:41	12° \mathbb{Y} 40'27		desc. node	-11496 May 08 j 03:42	19° \mathbb{H} 56'21	
min. Earth dist.	-11497 Jun 20 j 02:00	8° \mathbb{Y} 02'40	0.66340 AU	evening max el	-11496 May 09 j 15:58	21° \mathbb{H} 28'27	26°52'19
inferior conj	-11497 Jun 21 j 08:14	6° \mathbb{Y} 26'00	-2°44'20	retrograde	-11496 May 22 j 19:14	28° \mathbb{H} 57'15	
minimum elong	-11497 Jun 21 j 10:37	6° \mathbb{Y} 18'24	2°43'44	evening set	-11496 May 29 j 12:21	26° \mathbb{H} 09'50	
morning rise	-11497 Jun 26 j 23:36	0° \mathbb{Y} 31'57		min. Earth dist.	-11496 Jun 02 j 09:19	22° \mathbb{H} 10'50	0.65326 AU
	-11497 Jun 27 j 22:29	30° \mathbb{H}		inferior conj	-11496 Jun 04 j 05:40	19° \mathbb{H} 58'53	-3°11'05
direct	-11497 Jun 30 j 08:31	29° \mathbb{H} 26'11		minimum elong	-11496 Jun 04 j 07:41	19° \mathbb{H} 52'51	3°10'55
asc. node	-11497 Jul 01 j 14:06	29° \mathbb{H} 34'38		morning rise	-11496 Jun 10 j 03:19	14° \mathbb{H} 19'15	
	-11497 Jul 02 j 20:24	0° \mathbb{Y}		direct	-11496 Jun 13 j 05:11	13° \mathbb{H} 26'27	
morning max el	-11497 Jul 07 j 11:10	3° \mathbb{Y} 30'15	19°19'11	asc. node	-11496 Jun 17 j 10:56	15° \mathbb{H} 00'47	
	-11497 Jul 25 j 23:32	0° \mathbb{B}		morning max el	-11496 Jun 19 j 20:48	17° \mathbb{H} 06'36	18°35'55
morning set	-11497 Jul 30 j 18:56	7° \mathbb{B} 34'21			-11496 Jun 29 j 08:14	0° \mathbb{Y}	
max. Earth dist.	-11497 Aug 14 j 01:13	0° Π 04'41	1.44454 AU	morning set	-11496 Jul 10 j 00:55	17° \mathbb{Y} 19'18	
	-11497 Aug 14 j 00:02	0° Π			-11496 Jul 17 j 20:38	0° \mathbb{B}	
superior conj	-11497 Aug 16 j 03:01	3° Π 22'20	0°12'00	superior conj	-11496 Jul 25 j 02:53	11° \mathbb{B} 35'21	0°56'22

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

minimum elong	-11496 Jul 25 j 08:57	11°  59'24	0°56'06		-11495 Jun 22 j 08:56	0° 	
max. Earth dist.	-11496 Jul 26 j 18:10	14°  11'00	1.44545 AU				
desc. node	-11496 Aug 04 j 00:31	27°  14'18		superior conj	-11495 Jul 04 j 13:40	20°  21'50	1°29'35
	-11496 Aug 05 j 18:30	0°  II		minimum elong	-11495 Jul 04 j 19:32	20°  45'42	1°29'19
evening rise	-11496 Aug 10 j 14:21	7°  II37'33		max. Earth dist.	-11495 Jul 09 j 09:10	28°  07'54	1.43941 AU
	-11496 Aug 24 j 23:14	0°  ☿			-11495 Jul 10 j 13:15	0°  ☿	
evening max el	-11496 Sep 02 j 07:26	10°  ☿52'31	19°13'48	evening rise	-11495 Jul 20 j 23:03	16°  ☿21'32	
retrograde	-11496 Sep 09 j 08:18	14°  ☿53'21		desc. node	-11495 Jul 21 j 21:54	17°  ☿50'09	
evening set	-11496 Sep 12 j 13:34	13°  ☿53'29			-11495 Jul 29 j 19:52	0°  II	
asc. node	-11496 Sep 13 j 11:21	13°  ☿15'26		evening max el	-11495 Aug 16 j 12:53	24°  II21'02	20°08'49
inferior conj	-11496 Sep 18 j 07:03	8°  ☿01'57	1°29'51	retrograde	-11495 Aug 24 j 05:01	28°  II48'41	
minimum elong	-11496 Sep 18 j 04:59	8°  ☿08'25	1°29'44	evening set	-11495 Aug 27 j 20:17	27°  II32'12	
min. Earth dist.	-11496 Sep 19 j 15:45	6°  ☿18'55	0.65670 AU	asc. node	-11495 Aug 31 j 08:23	24°  II03'48	
morning rise	-11496 Sep 23 j 20:02	1°  ☿46'29		inferior conj	-11495 Sep 02 j 07:49	21°  II30'41	0°37'35
	-11496 Sep 26 j 11:07	30°  ☿II		minimum elong	-11495 Sep 02 j 06:58	21°  II33'33	0°37'52
direct	-11496 Sep 30 j 01:06	29°  II08'53		min. Earth dist.	-11495 Sep 03 j 05:09	20°  II19'47	0.66487 AU
	-11496 Oct 03 j 21:52	0°  ☿		morning rise	-11495 Sep 07 j 17:23	15°  II10'40	
morning max el	-11496 Oct 12 j 16:02	6°  ☿29'57	26°14'28	direct	-11495 Sep 13 j 08:29	12°  II46'36	
desc. node	-11496 Oct 30 j 23:50	29°  ☿56'59		morning max el	-11495 Sep 25 j 01:48	19°  II44'41	25°02'20
	-11496 Oct 31 j 00:39	0°  ♌			-11495 Oct 03 j 21:03	0°  ☿	
morning set	-11496 Nov 17 j 15:19	29°  ♌30'03		desc. node	-11495 Oct 17 j 20:38	19°  ☿56'32	
	-11496 Nov 17 j 21:44	0°  ♍			-11495 Oct 24 j 03:47	0°  ♌	
max. Earth dist.	-11496 Nov 21 j 19:01	7°  ♍25'09	1.35630 AU	morning set	-11495 Oct 31 j 00:30	11°  ♌44'08	
				max. Earth dist.	-11495 Nov 03 j 21:36	18°  ♌45'11	1.37348 AU
superior conj	-11496 Nov 26 j 14:55	17°  ♍03'54	-1°35'10		-11495 Nov 09 j 19:35	0°  ♍	
minimum elong	-11496 Nov 26 j 16:12	17°  ♍10'27	1°34'54				
	-11496 Dec 02 j 21:15	0°  ♎		superior conj	-11495 Nov 10 j 04:48	0°  ♍45'02	-1°39'14
evening rise	-11496 Dec 04 j 06:57	2°  ♎53'35		minimum elong	-11495 Nov 10 j 04:47	0°  ♍44'57	1°38'52
asc. node	-11496 Dec 10 j 09:33	14°  ♎54'34		evening rise	-11495 Nov 18 j 10:29	17°  ♍12'29	
	-11496 Dec 20 j 05:21	0°  ♏			-11495 Nov 25 j 02:04	0°  ♎	
evening max el	-11496 Dec 23 j 02:23	3°  ♏02'28	20°32'59	asc. node	-11495 Nov 27 j 06:53	3°  ♎49'05	
retrograde	-11495 Jan 02 j 20:31	8°  ♏05'19		evening max el	-11495 Dec 05 j 16:16	14°  ♎58'49	19°26'43
evening set	-11495 Jan 05 j 12:23	7°  ♏48'03		retrograde	-11495 Dec 14 j 21:27	19°  ♎20'26	
inferior conj	-11495 Jan 14 j 06:36	3°  ♏48'36	3°01'54	evening set	-11495 Dec 17 j 10:12	19°  ♎02'12	
minimum elong	-11495 Jan 14 j 12:22	3°  ♏40'02	3°00'14	inferior conj	-11495 Dec 25 j 16:20	14°  ♎52'45	3°58'57
min. Earth dist.	-11495 Jan 15 j 19:34	2°  ♏53'53	0.55788 AU	minimum elong	-11495 Dec 25 j 20:00	14°  ♎46'42	3°58'22
	-11495 Jan 21 j 14:25	30°  ☿♎		min. Earth dist.	-11495 Dec 28 j 09:17	13°  ♎05'59	0.56907 AU
morning rise	-11495 Jan 23 j 10:50	29°  ♎25'15		morning rise	-11494 Jan 03 j 03:37	10°  ♎05'10	
direct	-11495 Jan 26 j 23:13	28°  ♎58'03		direct	-11494 Jan 08 j 00:30	9°  ♎10'59	
desc. node	-11495 Jan 27 j 01:31	28°  ♎58'04		desc. node	-11494 Jan 13 j 22:14	10°  ♎31'13	
	-11495 Feb 01 j 04:29	0°  ♏		morning max el	-11494 Jan 21 j 22:48	16°  ♎13'36	24°40'40
morning max el	-11495 Feb 09 j 07:46	5°  ♏32'42	23°04'09		-11494 Feb 02 j 00:26	0°  ♏	
	-11495 Feb 26 j 06:21	0°  ♏♎		morning set	-11494 Feb 16 j 16:21	26°  ♏51'33	
morning set	-11495 Mar 04 j 03:52	11°  ♏46'53			-11494 Feb 18 j 03:59	0°  ♏♎	
asc. node	-11495 Mar 08 j 07:35	20°  ♏35'29		asc. node	-11494 Feb 23 j 04:43	10°  ♏45'12	
superior conj	-11495 Mar 11 j 07:39	27°  ♏00'15	0°28'17	superior conj	-11494 Feb 23 j 16:23	11°  ♏45'31	0°04'41
minimum elong	-11495 Mar 11 j 06:27	26°  ♏53'53	0°27'25	minimum elong	-11494 Feb 23 j 16:13	11°  ♏53'35	0°04'03
	-11495 Mar 12 j 17:35	0°  ♏		behind sun begin	-11494 Feb 23 j 11:16	11°  ♏26'49	
max. Earth dist.	-11495 Mar 13 j 18:33	2°  ♏11'09	1.33962 AU	behind sun end	-11494 Feb 23 j 21:09	12°  ♏20'19	
evening rise	-11495 Mar 19 j 02:27	13°  ♏02'44		max. Earth dist.	-11494 Feb 25 j 02:06	14°  ♏56'23	1.33247 AU
	-11495 Mar 28 j 05:43	0°  ♏		evening rise	-11494 Mar 03 j 01:52	27°  ♏29'54	
	-11495 Apr 17 j 19:44	0°  ♏♎			-11494 Mar 04 j 07:43	0°  ♏	
evening max el	-11495 Apr 22 j 02:31	4°  ♏33'41	27°23'01		-11494 Mar 21 j 13:50	0°  ♏	
desc. node	-11495 Apr 25 j 01:03	7°  ♏13'10		evening max el	-11494 Apr 04 j 11:02	17°  ♏14'14	27°23'11
retrograde	-11495 May 05 j 17:38	12°  ♏08'25		desc. node	-11494 Apr 11 j 22:19	22°  ♏57'37	
evening set	-11495 May 12 j 16:17	9°  ♏28'17		retrograde	-11494 Apr 18 j 09:32	24°  ♏47'06	
min. Earth dist.	-11495 May 16 j 08:36	6°  ♏03'10	0.63916 AU	evening set	-11494 Apr 25 j 06:03	22°  ♏27'45	
inferior conj	-11495 May 18 j 19:35	3°  ♏23'25	-3°27'06	min. Earth dist.	-11494 Apr 28 j 22:57	19°  ♏26'45	0.62167 AU
minimum elong	-11495 May 18 j 20:38	3°  ♏20'33	3°27'22	inferior conj	-11494 May 01 j 22:56	16°  ♏33'09	-3°28'38
	-11495 May 22 j 04:28	30°  ☿♏		minimum elong	-11494 May 01 j 22:24	16°  ♏34'27	3°29'06
morning rise	-11495 May 25 j 01:46	28°  ♏00'30		morning rise	-11494 May 08 j 16:14	11°  ♏28'41	
direct	-11495 May 27 j 22:04	27°  ♏18'46		direct	-11494 May 11 j 08:00	10°  ♏56'22	
	-11495 Jun 02 j 14:53	0°  ♏		morning max el	-11494 May 17 j 23:42	14°  ♏19'04	18°01'59
morning max el	-11495 Jun 03 j 09:48	0° ♏44'53	18°09'53	asc. node	-11494 May 22 j 04:32	19° ♏23'47	
asc. node	-11495 Jun 04 j 07:44	1° ♏42'32			-11494 May 28 j 19:26	0° ♏	
morning set	-11495 Jun 21 j 08:18	28° ♏14'54		morning set	-11494 Jun 03 j 14:20	10° ♏15'15	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11494 Jun 14 j 20:22	0°♊		morning rise	-11493 Apr 21 j 19:32	24°♊36'09	
				direct	-11493 Apr 24 j 07:14	24°♊11'53	
superior conj	-11494 Jun 15 j 01:20	0°♊21'10	1°46'33	morning max el	-11493 May 01 j 11:53	27°♊43'03	18°12'55
minimum elong	-11494 Jun 15 j 03:42	0°♊31'12	1°46'26		-11493 May 03 j 14:31	0°♊	
max. Earth dist.	-11494 Jun 21 j 19:53	11°♊39'15	1.42731 AU	asc. node	-11493 May 09 j 01:23	7°♊51'50	
evening rise	-11494 Jun 29 j 23:26	24°♊42'09		morning set	-11493 May 17 j 14:22	23°♊10'25	
	-11494 Jul 03 j 09:04	0°♋			-11493 May 21 j 06:14	0°♋	
desc. node	-11494 Jul 08 j 19:21	8°♋17'34					
	-11494 Jul 23 j 22:33	0°♌		superior conj	-11493 May 27 j 15:36	11°♋40'26	1°48'47
evening max el	-11494 Jul 30 j 11:38	7°♌45'41	21°17'23	minimum elong	-11493 May 27 j 14:43	11°♋36'25	1°48'32
retrograde	-11494 Aug 08 j 01:16	12°♌48'28		max. Earth dist.	-11493 Jun 04 j 01:16	24°♋33'47	1.41084 AU
evening set	-11494 Aug 12 j 04:41	11°♌12'23			-11493 Jun 07 j 07:18	0°♊	
inferior conj	-11494 Aug 17 j 12:10	5°♌03'44	-0°13'36	evening rise	-11493 Jun 09 j 14:20	3°♊45'24	
minimum elong	-11494 Aug 17 j 12:27	5°♌02'46	0°12'55	desc. node	-11493 Jun 25 j 16:47	28°♊32'12	
transit middle	-11494 Aug 17 j 12:27	5°♌02'46	0°12'55		-11493 Jun 26 j 17:02	0°♋	
transit begin	-11494 Aug 17 j 10:47	5°♌08'29		evening max el	-11493 Jul 13 j 03:41	21°♋06'43	22°35'38
transit end	-11494 Aug 17 j 14:08	4°♌57'02		retrograde	-11493 Jul 22 j 19:34	26°♋50'30	
min. Earth dist.	-11494 Aug 17 j 22:49	4°♌27'14	0.67008 AU	evening set	-11493 Jul 27 j 12:50	24°♋53'05	
asc. node	-11494 Aug 18 j 05:21	4°♌04'57		inferior conj	-11493 Aug 01 j 18:17	18°♋39'47	-1°02'03
	-11494 Aug 21 j 12:03	30°♋		minimum elong	-11493 Aug 01 j 19:32	18°♋35'27	1°01'07
morning rise	-11494 Aug 22 j 20:04	28°♋43'11		min. Earth dist.	-11493 Aug 01 j 18:23	18°♋39'24	0.67234 AU
direct	-11494 Aug 27 j 20:54	26°♋36'31		asc. node	-11493 Aug 05 j 02:15	14°♋20'05	
	-11494 Sep 04 j 06:05	0°♌		morning rise	-11493 Aug 07 j 02:08	12°♋22'27	
morning max el	-11494 Sep 07 j 11:46	2°♌59'23	23°40'09	direct	-11493 Aug 11 j 13:31	10°♋34'28	
	-11494 Sep 28 j 01:35	0°♍		morning max el	-11493 Aug 21 j 00:32	16°♋15'25	22°16'29
desc. node	-11494 Oct 04 j 17:32	10°♍13'43			-11493 Sep 01 j 02:09	0°♌	
morning set	-11494 Oct 12 j 10:30	22°♍47'07			-11493 Sep 21 j 03:45	0°♍	
	-11494 Oct 16 j 15:26	0°♎		desc. node	-11493 Sep 21 j 14:30	0°♍42'50	
max. Earth dist.	-11494 Oct 16 j 19:57	0°♎19'47	1.39307 AU	morning set	-11493 Sep 22 j 17:56	2°♍32'41	
				max. Earth dist.	-11493 Sep 28 j 21:14	12°♍37'03	1.41256 AU
superior conj	-11494 Oct 24 j 05:14	13°♎42'00	-1°35'09				
minimum elong	-11494 Oct 24 j 03:22	13°♎33'18	1°34'34	superior conj	-11493 Oct 06 j 10:56	25°♍40'07	-1°20'34
	-11494 Nov 01 j 17:25	0°♏		minimum elong	-11493 Oct 06 j 07:12	25°♍23'32	1°19'40
evening rise	-11494 Nov 02 j 07:09	1°♏06'35			-11493 Oct 08 j 21:06	0°♎	
asc. node	-11494 Nov 14 j 04:11	22°♏03'46		evening rise	-11493 Oct 16 j 17:53	14°♎28'09	
evening max el	-11494 Nov 18 j 15:55	27°♏27'52	18°40'11		-11493 Oct 25 j 09:09	0°♏	
	-11494 Nov 21 j 22:34	0°♐		asc. node	-11493 Nov 01 j 01:27	9°♏25'59	
retrograde	-11494 Nov 26 j 15:32	1°♐20'55		evening max el	-11493 Nov 01 j 23:04	10°♏22'16	18°13'53
evening set	-11494 Nov 29 j 03:18	0°♐59'39		retrograde	-11493 Nov 09 j 03:04	13°♏59'43	
	-11494 Dec 01 j 15:00	30°♏		evening set	-11493 Nov 11 j 15:01	13°♏34'08	
inferior conj	-11494 Dec 06 j 20:21	26°♏30'59	4°17'00	inferior conj	-11493 Nov 18 j 19:27	8°♏43'35	4°04'44
minimum elong	-11494 Dec 06 j 20:18	26°♏31'05	4°17'05	minimum elong	-11493 Nov 18 j 16:43	8°♏49'34	4°04'42
min. Earth dist.	-11494 Dec 10 j 00:58	24°♏06'21	0.58546 AU	min. Earth dist.	-11493 Nov 21 j 22:11	6°♏00'41	0.60392 AU
morning rise	-11494 Dec 14 j 11:27	21°♏20'49		morning rise	-11493 Nov 25 j 17:00	3°♏13'34	
direct	-11494 Dec 20 j 13:29	19°♏49'41		direct	-11493 Dec 02 j 12:44	1°♏06'58	
desc. node	-11494 Dec 31 j 18:55	24°♏36'11		morning max el	-11493 Dec 16 j 12:29	8°♏30'45	27°06'26
morning max el	-11493 Jan 03 j 14:44	27°♏05'35	26°06'04	desc. node	-11493 Dec 18 j 15:33	10°♏39'54	
	-11493 Jan 06 j 10:31	0°♑			-11492 Jan 02 j 00:23	0°♑	
	-11493 Jan 26 j 05:25	0°♒		morning set	-11492 Jan 16 j 13:34	26°♑51'03	
morning set	-11493 Feb 01 j 04:14	11°♒55'38			-11492 Jan 18 j 01:41	0°♒	
				max. Earth dist.	-11492 Jan 23 j 04:08	10°♒59'30	1.32796 AU
superior conj	-11493 Feb 08 j 03:34	26°♒57'19	-0°18'25				
minimum elong	-11493 Feb 08 j 04:20	27°♒01'31	0°18'47	superior conj	-11492 Jan 23 j 15:26	12°♒01'11	-0°40'13
max. Earth dist.	-11493 Feb 08 j 14:34	27°♒57'20	1.32860 AU	minimum elong	-11492 Jan 23 j 16:57	12°♒09'30	0°40'20
	-11493 Feb 09 j 13:06	0°♓		asc. node	-11492 Jan 27 j 23:08	21°♒25'02	
asc. node	-11493 Feb 10 j 01:54	1°♓09'35		evening rise	-11492 Jan 30 j 16:23	27°♒11'36	
evening rise	-11493 Feb 15 j 07:17	12°♓16'00			-11492 Feb 01 j 00:53	0°♓	
	-11493 Feb 24 j 12:29	0°♔			-11492 Feb 18 j 08:56	0°♔	
evening max el	-11493 Mar 17 j 15:16	29°♔20'52	26°50'28	evening max el	-11492 Feb 27 j 13:40	10°♔49'07	25°47'29
	-11493 Mar 18 j 07:51	0°♕		retrograde	-11492 Mar 12 j 15:48	18°♔03'15	
desc. node	-11493 Mar 29 j 19:27	6°♕37'18		desc. node	-11492 Mar 15 j 16:30	17°♔40'51	
retrograde	-11493 Mar 31 j 17:29	6°♕46'49		evening set	-11492 Mar 18 j 03:49	16°♔50'12	
evening set	-11493 Apr 07 j 02:28	4°♕58'54		min. Earth dist.	-11492 Mar 23 j 02:52	13°♔56'22	0.58266 AU
min. Earth dist.	-11493 Apr 11 j 04:32	2°♕08'37	0.60212 AU	inferior conj	-11492 Mar 26 j 07:53	11°♔36'16	-2°25'59
	-11493 Apr 13 j 17:51	30°♕		minimum elong	-11492 Mar 26 j 04:12	11°♔43'00	2°25'47
inferior conj	-11493 Apr 14 j 12:15	29°♔20'46	-3°10'24	morning rise	-11492 Apr 03 j 07:45	7°♔11'30	
minimum elong	-11493 Apr 14 j 09:49	29°♔25'57	3°10'39	direct	-11492 Apr 05 j 15:20	6°♔53'56	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

morning max el	-11492 Apr 13 j 19:29	10° Z 47'40	18°43'19			-11491 Apr 02 j 08:09	0° Z	
asc. node	-11492 Apr 24 j 22:16	26° Z 55'09		asc. node		-11491 Apr 11 j 19:11	16° Z 25'06	
	-11492 Apr 26 j 14:16	0° \approx		morning set		-11491 Apr 14 j 02:51	21° Z 00'00	
morning set	-11492 Apr 30 j 03:47	6° \approx 48'38				-11491 Apr 18 j 14:28	0° \approx	
superior conj	-11492 May 09 j 03:49	24° \approx 07'32	1°40'12	superior conj		-11491 Apr 22 j 08:29	7° \approx 27'05	1°24'27
minimum elong	-11492 May 09 j 01:11	23° \approx 55'11	1°39'37	minimum elong		-11491 Apr 22 j 05:26	7° \approx 12'10	1°23'35
	-11492 May 12 j 07:48	0° X		max. Earth dist.		-11491 Apr 28 j 03:12	18° \approx 31'20	1.37389 AU
max. Earth dist.	-11492 May 16 j 02:13	6° X 46'53	1.39218 AU	evening rise		-11491 May 02 j 03:31	25° \approx 50'37	
evening rise	-11492 May 20 j 07:48	14° X 07'44				-11491 May 04 j 12:04	0° X	
	-11492 May 30 j 01:26	0° Y				-11491 May 23 j 13:42	0° Y	
desc. node	-11492 Jun 11 j 14:13	18° Y 28'10		desc. node		-11491 May 29 j 11:40	7° Y 57'28	
	-11492 Jun 20 j 13:23	0° B		evening max el		-11491 Jun 07 j 00:25	17° Y 47'35	25°16'38
evening max el	-11492 Jun 24 j 14:55	4° B 26'25	23°57'56	retrograde		-11491 Jun 18 j 22:18	24° Y 47'09	
retrograde	-11492 Jul 05 j 10:52	10° B 51'40		evening set		-11491 Jun 24 j 20:46	22° Y 11'40	
evening set	-11492 Jul 10 j 18:52	8° B 33'24		min. Earth dist.		-11491 Jun 29 j 05:54	17° Y 11'11	0.66735 AU
min. Earth dist.	-11492 Jul 15 j 13:31	2° B 54'56	0.67151 AU	inferior conj		-11491 Jun 30 j 04:43	15° Y 55'56	-2°25'09
inferior conj	-11492 Jul 16 j 00:23	2° B 17'47	-1°46'22	minimum elong		-11491 Jun 30 j 07:04	15° Y 48'11	2°24'22
minimum elong	-11492 Jul 16 j 02:21	2° B 11'03	1°45'23	morning rise		-11491 Jul 05 j 17:23	9° Y 54'51	
	-11492 Jul 17 j 17:33	30° R Y		asc. node		-11491 Jul 08 j 19:58	8° Y 42'09	
morning rise	-11492 Jul 21 j 09:49	26° Y 07'01		direct		-11491 Jul 09 j 06:59	8° Y 40'57	
asc. node	-11492 Jul 21 j 23:08	25° Y 43'29		morning max el		-11491 Jul 16 j 19:17	13° Y 03'25	19°51'19
direct	-11492 Jul 25 j 09:20	24° Y 37'00				-11491 Jul 29 j 10:11	0° B	
morning max el	-11492 Aug 02 j 18:42	29° Y 36'17	20°58'27	morning set		-11491 Aug 11 j 06:19	19° B 46'15	
	-11492 Aug 03 j 03:47	0° B				-11491 Aug 17 j 19:06	0° II	
	-11492 Aug 24 j 19:28	0° II		max. Earth dist.		-11491 Aug 23 j 16:59	9° II 21'24	1.44072 AU
morning set	-11492 Sep 01 j 03:16	11° II 17'22		desc. node		-11491 Aug 25 j 08:43	12° II 00'01	
desc. node	-11492 Sep 07 j 11:34	21° II 19'36						
max. Earth dist.	-11492 Sep 10 j 04:30	25° II 41'36	1.42917 AU	superior conj		-11491 Aug 27 j 17:27	15° II 47'58	-0°14'12
	-11492 Sep 12 j 19:42	0° E		minimum elong		-11491 Aug 27 j 15:56	15° II 41'51	0°13'23
				behind sun begin		-11491 Aug 27 j 09:40	15° II 16'35	
superior conj	-11492 Sep 16 j 16:06	6° E 24'25	-0°53'30	behind sun end		-11491 Aug 27 j 22:13	16° II 07'09	
minimum elong	-11492 Sep 16 j 11:50	6° E 06'30	0°52'23			-11491 Sep 05 j 09:32	0° E	
evening rise	-11492 Sep 28 j 14:39	27° E 07'30		evening rise		-11491 Sep 10 j 16:12	8° E 51'16	
	-11492 Sep 30 j 05:31	0° O				-11491 Sep 23 j 13:40	0° O	
evening max el	-11492 Oct 15 j 10:57	23° O 34'47	18°07'19	evening max el		-11491 Sep 29 j 00:34	6° O 58'04	18°19'29
asc. node	-11492 Oct 17 j 22:41	25° O 40'44		asc. node		-11491 Oct 04 j 19:54	10° O 31'07	
retrograde	-11492 Oct 22 j 04:25	27° O 07'16		retrograde		-11491 Oct 05 j 15:19	10° O 34'36	
evening set	-11492 Oct 24 j 18:19	26° O 35'39		evening set		-11491 Oct 08 j 09:23	9° O 54'28	
inferior conj	-11492 Oct 31 j 11:08	21° O 24'34	3°32'47	inferior conj		-11491 Oct 14 j 15:53	4° O 25'27	2°49'16
minimum elong	-11492 Oct 31 j 07:22	21° O 33'56	3°32'25	minimum elong		-11491 Oct 14 j 12:19	4° O 35'21	2°48'46
min. Earth dist.	-11492 Nov 03 j 04:20	18° O 42'43	0.62187 AU	min. Earth dist.		-11491 Oct 16 j 20:34	1° O 59'36	0.63772 AU
morning rise	-11492 Nov 06 j 19:21	15° O 37'34				-11491 Oct 18 j 19:07	30° R E	
direct	-11492 Nov 13 j 20:55	13° O 05'40		morning rise		-11491 Oct 20 j 14:29	28° E 24'47	
morning max el	-11492 Nov 27 j 16:41	20° O 36'06	27°33'29	direct		-11491 Oct 27 j 12:40	25° E 41'04	
desc. node	-11492 Dec 04 j 12:14	28° O 10'28				-11491 Nov 06 j 09:25	0° O	
	-11492 Dec 05 j 22:47	0° P		morning max el		-11491 Nov 10 j 01:02	3° O 14'21	27°25'58
	-11492 Dec 24 j 20:51	0° A		desc. node		-11491 Nov 21 j 08:54	16° O 42'19	
morning set	-11492 Dec 30 j 18:16	11° A 30'17				-11491 Nov 30 j 07:06	0° P	
max. Earth dist.	-11491 Jan 05 j 14:58	23° A 49'08	1.33076 AU	morning set		-11491 Dec 14 j 15:46	25° P 44'05	
						-11491 Dec 16 j 18:49	0° A	
superior conj	-11491 Jan 07 j 02:20	27° A 00'12	-0°59'58	max. Earth dist.		-11491 Dec 19 j 19:15	6° A 13'39	1.33732 AU
minimum elong	-11491 Jan 07 j 04:20	27° A 11'04	0°59'56					
	-11491 Jan 08 j 11:28	0° M		superior conj		-11491 Dec 22 j 10:28	11° A 47'48	-1°16'53
asc. node	-11491 Jan 13 j 20:24	11° M 33'19		minimum elong		-11491 Dec 22 j 12:35	11° A 59'05	1°16'44
evening rise	-11491 Jan 14 j 03:22	12° M 10'01		evening rise		-11491 Dec 29 j 14:32	27° A 05'06	
	-11491 Jan 23 j 07:44	0° J				-11491 Dec 31 j 00:13	0° M	
evening max el	-11491 Feb 08 j 07:34	21° J 48'23	24°22'46	asc. node		-11491 Dec 31 j 17:43	1° M 29'37	
retrograde	-11491 Feb 22 j 02:41	28° J 40'49				-11490 Jan 18 j 10:38	0° J	
evening set	-11491 Feb 26 j 12:18	27° J 57'16		evening max el		-11490 Jan 21 j 01:20	2° J 40'19	22°49'03
desc. node	-11491 Mar 02 j 13:30	26° J 08'58		retrograde		-11490 Feb 03 j 01:17	8° J 56'16	
min. Earth dist.	-11491 Mar 04 j 20:52	24° J 47'08	0.56636 AU	evening set		-11490 Feb 06 j 11:22	8° J 30'43	
inferior conj	-11491 Mar 07 j 07:43	23° J 13'28	-1°11'09	min. Earth dist.		-11490 Feb 14 j 12:41	4° J 52'27	0.55639 AU
minimum elong	-11491 Mar 07 j 05:05	23° J 17'41	1°11'00	inferior conj		-11490 Feb 15 j 14:01	4° J 15'37	0°28'35
morning rise	-11491 Mar 16 j 00:57	19° J 04'39		minimum elong		-11490 Feb 15 j 15:14	4° J 13'52	0°27'38
direct	-11491 Mar 18 j 05:14	18° J 51'38		desc. node		-11490 Feb 17 j 10:25	3° J 11'55	
morning max el	-11491 Mar 27 j 19:30	23° J 23'15	19°33'29	morning rise		-11490 Feb 24 j 20:33	0° J 12'31	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

direct	-11490 Feb 27 j 03:14	0° \mathbb{A} 00'08		morning max el	-11489 Feb 20 j 11:40	16° \mathbb{M} 38'31	22°09'20
morning max el	-11490 Mar 10 j 09:18	5° \mathbb{A} 21'24	20°42'59		-11489 Mar 02 j 20:19	0° \mathbb{A}	
	-11490 Mar 26 j 13:40	0° \mathbb{B}		morning set	-11489 Mar 13 j 18:31	20° \mathbb{A} 29'20	
morning set	-11490 Mar 29 j 08:35	5° \mathbb{B} 36'21		asc. node	-11489 Mar 16 j 13:13	26° \mathbb{A} 18'59	
asc. node	-11490 Mar 29 j 16:10	6° \mathbb{B} 15'07			-11489 Mar 18 j 06:59	0° \mathbb{B}	
superior conj	-11490 Apr 06 j 01:03	21° \mathbb{B} 26'07	1°04'19	superior conj	-11489 Mar 21 j 01:54	5° \mathbb{B} 53'05	0°41'48
minimum elong	-11490 Apr 05 j 22:25	21° \mathbb{B} 12'45	1°03'19	minimum elong	-11489 Mar 21 j 00:08	5° \mathbb{B} 43'47	0°40'50
	-11490 Apr 10 j 07:40	0° \mathbb{C}		max. Earth dist.	-11489 Mar 24 j 04:55	12° \mathbb{B} 22'29	1.34536 AU
max. Earth dist.	-11490 Apr 10 j 10:56	0° \mathbb{C} 16'00	1.35797 AU	evening rise	-11489 Mar 29 j 04:03	22° \mathbb{B} 17'14	
evening rise	-11490 Apr 14 j 20:10	8° \mathbb{C} 39'42			-11489 Apr 02 j 06:03	0° \mathbb{C}	
	-11490 Apr 27 j 03:32	0° \mathbb{H}			-11489 Apr 20 j 20:57	0° \mathbb{H}	
desc. node	-11490 May 16 j 09:06	26° \mathbb{H} 49'11		evening max el	-11489 May 02 j 21:43	14° \mathbb{H} 25'31	27°08'49
	-11490 May 19 j 06:58	0° \mathbb{Y}		desc. node	-11489 May 03 j 06:30	14° \mathbb{H} 46'49	
evening max el	-11490 May 20 j 10:41	1° \mathbb{Y} 10'08	26°23'03	retrograde	-11489 May 16 j 06:35	21° \mathbb{H} 57'08	
retrograde	-11490 Jun 02 j 05:08	8° \mathbb{Y} 31'38		evening set	-11489 May 23 j 02:46	19° \mathbb{H} 11'33	
evening set	-11490 Jun 08 j 16:18	5° \mathbb{Y} 46'00		min. Earth dist.	-11489 May 26 j 21:28	15° \mathbb{H} 27'34	0.64779 AU
min. Earth dist.	-11490 Jun 12 j 17:17	1° \mathbb{Y} 24'43	0.65954 AU	inferior conj	-11489 May 28 j 23:55	13° \mathbb{H} 02'54	-3°19'23
	-11490 Jun 13 j 20:32	30° \mathbb{R} \mathbb{H}		minimum elong	-11489 May 29 j 01:37	12° \mathbb{H} 58'02	3°19'25
inferior conj	-11490 Jun 14 j 05:20	29° \mathbb{H} 32'31	-2°56'50	morning rise	-11489 Jun 04 j 00:53	7° \mathbb{H} 29'50	
minimum elong	-11490 Jun 14 j 07:38	29° \mathbb{H} 25'22	2°56'25	direct	-11489 Jun 07 j 00:18	6° \mathbb{H} 41'48	
morning rise	-11490 Jun 19 j 23:06	23° \mathbb{H} 44'03		asc. node	-11489 Jun 12 j 13:34	9° \mathbb{H} 18'27	
direct	-11490 Jun 23 j 04:45	22° \mathbb{H} 44'04		morning max el	-11489 Jun 13 j 13:14	10° \mathbb{H} 14'38	18°22'35
asc. node	-11490 Jun 25 j 16:47	23° \mathbb{H} 18'11			-11489 Jun 27 j 03:35	0° \mathbb{Y}	
morning max el	-11490 Jun 30 j 01:59	26° \mathbb{H} 37'10	18°58'40	morning set	-11489 Jul 02 j 15:49	9° \mathbb{Y} 09'39	
	-11490 Jul 03 j 00:19	0° \mathbb{Y}			-11489 Jul 15 j 09:29	0° \mathbb{B}	
morning set	-11490 Jul 21 j 22:58	28° \mathbb{Y} 54'15		superior conj	-11489 Jul 16 j 23:20	2° \mathbb{B} 31'45	1°12'19
	-11490 Jul 22 j 15:26	0° \mathbb{B}		minimum elong	-11489 Jul 17 j 05:58	2° \mathbb{B} 58'14	1°12'00
superior conj	-11490 Aug 06 j 21:28	24° \mathbb{B} 12'06	0°31'32	max. Earth dist.	-11489 Jul 20 j 01:44	7° \mathbb{B} 28'15	1.44378 AU
minimum elong	-11490 Aug 07 j 01:17	24° \mathbb{B} 27'12	0°31'34	desc. node	-11489 Jul 30 j 03:19	23° \mathbb{B} 20'17	
max. Earth dist.	-11490 Aug 06 j 08:59	23° \mathbb{B} 22'44	1.44581 AU	evening rise	-11489 Aug 02 j 14:45	28° \mathbb{B} 46'45	
	-11490 Aug 10 j 13:19	0° \mathbb{I}			-11489 Aug 03 j 09:30	0° \mathbb{I}	
desc. node	-11490 Aug 12 j 05:58	2° \mathbb{I} 41'19		greatest brilliancy	-11489 Aug 13 j 12:18	15° \mathbb{I} 41'06	-0.7m
evening rise	-11490 Aug 22 j 17:03	19° \mathbb{I} 26'19			-11489 Aug 23 j 11:53	0° \mathbb{E}	
	-11490 Aug 29 j 06:11	0° \mathbb{E}		evening max el	-11489 Aug 26 j 21:48	3° \mathbb{E} 57'01	19°35'27
evening max el	-11490 Sep 12 j 13:05	20° \mathbb{E} 26'59	18°49'15	retrograde	-11489 Sep 03 j 04:09	8° \mathbb{E} 07'43	
retrograde	-11490 Sep 19 j 08:09	24° \mathbb{E} 16'04		evening set	-11489 Sep 06 j 13:30	7° \mathbb{E} 01'01	
asc. node	-11490 Sep 21 j 17:04	23° \mathbb{E} 44'11		asc. node	-11489 Sep 08 j 14:07	5° \mathbb{E} 19'53	
evening set	-11490 Sep 22 j 08:44	23° \mathbb{E} 24'18		inferior conj	-11489 Sep 12 j 04:14	1° \mathbb{E} 04'55	1°07'38
inferior conj	-11490 Sep 28 j 06:30	17° \mathbb{E} 40'17	1°59'40	minimum elong	-11489 Sep 12 j 02:41	1° \mathbb{E} 09'56	1°07'41
minimum elong	-11490 Sep 28 j 03:48	17° \mathbb{E} 48'27	1°59'21		-11489 Sep 13 j 00:18	30° \mathbb{R} \mathbb{I}	
min. Earth dist.	-11490 Sep 29 j 22:18	15° \mathbb{E} 40'01	0.65072 AU	min. Earth dist.	-11489 Sep 13 j 07:56	29° \mathbb{I} 35'27	0.66058 AU
morning rise	-11490 Oct 03 j 22:21	11° \mathbb{E} 29'22		morning rise	-11489 Sep 17 j 15:33	24° \mathbb{I} 47'22	
direct	-11490 Oct 10 j 10:52	8° \mathbb{E} 46'37		direct	-11489 Sep 23 j 14:54	22° \mathbb{I} 14'55	
morning max el	-11490 Oct 23 j 11:03	16° \mathbb{E} 14'44	26°47'41	morning max el	-11489 Oct 05 j 21:05	29° \mathbb{I} 27'01	25°45'38
	-11490 Nov 04 j 00:06	0° \mathbb{O}			-11489 Oct 06 j 10:09	0° \mathbb{E}	
desc. node	-11490 Nov 08 j 05:37	5° \mathbb{O} 57'39		desc. node	-11489 Oct 26 j 02:23	25° \mathbb{E} 44'09	
	-11490 Nov 23 j 01:11	0° \mathbb{P}			-11489 Oct 28 j 20:38	0° \mathbb{O}	
morning set	-11490 Nov 28 j 02:40	9° \mathbb{P} 21'28		morning set	-11489 Nov 10 j 22:45	22° \mathbb{O} 10'15	
max. Earth dist.	-11490 Dec 02 j 13:53	18° \mathbb{P} 06'31	1.34812 AU	max. Earth dist.	-11489 Nov 14 j 21:59	29° \mathbb{O} 34'24	1.36318 AU
					-11489 Nov 15 j 03:21	0° \mathbb{P}	
superior conj	-11490 Dec 06 j 13:43	26° \mathbb{P} 16'34	-1°29'56	superior conj	-11489 Nov 20 j 09:28	10° \mathbb{P} 18'23	-1°37'45
minimum elong	-11490 Dec 06 j 15:29	26° \mathbb{P} 25'40	1°29'43	minimum elong	-11489 Nov 20 j 10:17	10° \mathbb{P} 22'27	1°37'28
	-11490 Dec 08 j 08:32	0° \mathbb{Q}		evening rise	-11489 Nov 28 j 06:35	26° \mathbb{P} 21'53	
evening rise	-11490 Dec 14 j 00:11	11° \mathbb{Q} 50'49			-11489 Nov 30 j 01:50	0° \mathbb{Q}	
asc. node	-11490 Dec 18 j 15:04	21° \mathbb{Q} 07'51		asc. node	-11489 Dec 05 j 12:26	10° \mathbb{Q} 21'13	
	-11490 Dec 23 j 12:53	0° \mathbb{M}		evening max el	-11489 Dec 16 j 08:10	25° \mathbb{Q} 23'48	20°02'31
evening max el	-11489 Jan 03 j 00:15	13° \mathbb{M} 47'05	21°19'06		-11489 Dec 24 j 17:13	0° \mathbb{M}	
retrograde	-11489 Jan 14 j 15:43	19° \mathbb{M} 16'18		retrograde	-11489 Dec 26 j 09:46	0° \mathbb{M} 07'46	
evening set	-11489 Jan 17 j 11:55	18° \mathbb{M} 57'51			-11489 Dec 28 j 03:03	30° \mathbb{R} \mathbb{Q}	
inferior conj	-11489 Jan 26 j 11:30	14° \mathbb{M} 58'12	2°12'01	evening set	-11489 Dec 29 j 00:07	29° \mathbb{Q} 50'16	
minimum elong	-11489 Jan 26 j 16:37	14° \mathbb{M} 50'53	2°10'07	inferior conj	-11488 Jan 06 j 13:25	25° \mathbb{Q} 47'58	3°31'05
min. Earth dist.	-11489 Jan 27 j 02:50	14° \mathbb{M} 36'15	0.55484 AU	minimum elong	-11488 Jan 06 j 18:44	25° \mathbb{Q} 39'47	3°29'49
desc. node	-11489 Feb 04 j 07:15	10° \mathbb{M} 54'02		min. Earth dist.	-11488 Jan 08 j 16:03	24° \mathbb{Q} 30'14	0.56181 AU
morning rise	-11489 Feb 04 j 20:38	10° \mathbb{M} 46'20		morning rise	-11488 Jan 15 j 11:29	21° \mathbb{Q} 15'01	
direct	-11489 Feb 07 j 18:20	10° \mathbb{M} 27'37					

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

direct	-11488 Jan 19 j 13:22	20° Ω 38'11		minimum elong	-11488 Dec 17 j 08:32	7° Ω 01'58	4°10'51
desc. node	-11488 Jan 22 j 04:00	20° Ω 53'43		min. Earth dist.	-11488 Dec 20 j 06:08	5° Ω 00'43	0.57554 AU
morning max el	-11488 Feb 02 j 05:11	27° Ω 26'05	23°45'37	morning rise	-11488 Dec 25 j 09:04	2° Ω 07'55	
	-11488 Feb 04 j 17:02	0° \mathbb{M}		direct	-11488 Dec 30 j 19:06	0° Ω 58'57	
	-11488 Feb 23 j 14:04	0° \mathcal{A}		desc. node	-11487 Jan 08 j 00:41	3° Ω 34'08	
morning set	-11488 Feb 26 j 06:38	5° \mathcal{A} 32'11		morning max el	-11487 Jan 13 j 19:57	8° Ω 08'26	25°19'22
asc. node	-11488 Mar 02 j 10:19	16° \mathcal{A} 32'04			-11487 Jan 30 j 01:03	0° \mathbb{M}	
				morning set	-11487 Feb 09 j 19:04	20° \mathbb{M} 37'23	
					-11487 Feb 14 j 04:10	0° \mathcal{A}	
superior conj	-11488 Mar 04 j 08:25	20° \mathcal{A} 39'49	0°18'16				
minimum elong	-11488 Mar 04 j 07:39	20° \mathcal{A} 35'44	0°17'29	superior conj	-11487 Feb 16 j 18:24	5° \mathcal{A} 38'19	-0°05'15
max. Earth dist.	-11488 Mar 06 j 08:24	24° \mathcal{A} 55'49	1.33622 AU	minimum elong	-11487 Feb 16 j 18:38	5° \mathcal{A} 39'38	0°05'46
	-11488 Mar 08 j 18:22	0° \mathcal{B}		behind sun begin	-11487 Feb 16 j 13:55	5° \mathcal{A} 13'58	
evening rise	-11488 Mar 11 j 22:48	6° \mathcal{B} 29'41		behind sun end	-11487 Feb 16 j 23:22	6° \mathcal{A} 05'18	
	-11488 Mar 24 j 20:22	0° \approx		asc. node	-11487 Feb 17 j 07:30	6° \mathcal{A} 49'28	
evening max el	-11488 Apr 14 j 07:44	27° \approx 21'56	27°26'55	max. Earth dist.	-11487 Feb 17 j 18:26	7° \mathcal{A} 48'46	1.33038 AU
	-11488 Apr 17 j 05:57	0° \mathcal{H}		evening rise	-11487 Feb 24 j 01:01	21° \mathcal{A} 05'29	
desc. node	-11488 Apr 19 j 03:47	1° \mathcal{H} 28'20			-11487 Feb 28 j 12:51	0° \mathcal{B}	
retrograde	-11488 Apr 28 j 02:02	4° \mathcal{H} 55'46			-11487 Mar 19 j 01:31	0° \approx	
evening set	-11488 May 05 j 01:03	2° \mathcal{H} 22'52		evening max el	-11487 Mar 27 j 14:27	9° \approx 48'15	27°13'10
	-11488 May 07 j 20:15	30° \mathcal{R}		desc. node	-11487 Apr 06 j 00:57	16° \approx 24'18	
min. Earth dist.	-11488 May 08 j 16:51	29° \approx 09'38	0.63221 AU	retrograde	-11487 Apr 10 j 14:52	17° \approx 19'15	
inferior conj	-11488 May 11 j 09:44	26° \approx 22'04	-3°29'48	evening set	-11487 Apr 17 j 07:50	15° \approx 11'53	
minimum elong	-11488 May 11 j 10:11	26° \approx 20'55	3°30'11	min. Earth dist.	-11487 Apr 21 j 03:08	12° \approx 17'35	0.61352 AU
morning rise	-11488 May 17 j 20:20	21° \approx 06'50		inferior conj	-11487 Apr 24 j 07:33	9° \approx 23'25	-3°23'43
direct	-11488 May 20 j 14:44	20° \approx 29'09		minimum elong	-11487 Apr 24 j 06:12	9° \approx 26'31	3°24'08
morning max el	-11488 May 27 j 02:54	23° \approx 51'59	18°04'13	morning rise	-11487 May 01 j 06:29	4° \approx 27'40	
asc. node	-11488 May 29 j 10:21	26° \approx 27'18		direct	-11487 May 03 j 20:30	3° \approx 59'00	
	-11488 Jun 01 j 01:10	0° \mathcal{H}		morning max el	-11487 May 10 j 16:31	7° \approx 23'31	18°04'19
morning set	-11488 Jun 13 j 09:21	20° \mathcal{H} 34'10		asc. node	-11487 May 16 j 07:10	14° \approx 30'13	
	-11488 Jun 18 j 20:09	0° \mathcal{Y}			-11487 May 25 j 08:12	0° \mathcal{H}	
				morning set	-11487 May 26 j 23:38	2° \mathcal{H} 59'30	
superior conj	-11488 Jun 25 j 19:45	11° \mathcal{Y} 46'25	1°38'48				
minimum elong	-11488 Jun 26 j 00:17	12° \mathcal{Y} 05'12	1°38'37	superior conj	-11487 Jun 06 j 19:11	22° \mathcal{H} 21'35	1°49'06
max. Earth dist.	-11488 Jul 01 j 15:42	21° \mathcal{Y} 18'16	1.43499 AU	minimum elong	-11487 Jun 06 j 20:01	22° \mathcal{H} 25'09	1°48'57
	-11488 Jul 07 j 02:31	0° \mathcal{B}			-11487 Jun 11 j 06:15	0° \mathcal{Y}	
evening rise	-11488 Jul 11 j 17:12	7° \mathcal{B} 13'26		max. Earth dist.	-11487 Jun 14 j 00:08	4° \mathcal{Y} 35'20	1.42070 AU
desc. node	-11488 Jul 16 j 00:44	13° \mathcal{B} 53'12		evening rise	-11487 Jun 20 j 21:18	15° \mathcal{Y} 45'12	
	-11488 Jul 26 j 17:50	0° \mathbb{I}			-11487 Jun 30 j 01:53	0° \mathcal{B}	
evening max el	-11488 Aug 09 j 00:27	17° \mathbb{I} 23'56	20°36'30	desc. node	-11487 Jul 02 j 22:10	4° \mathcal{B} 16'08	
retrograde	-11488 Aug 17 j 00:54	22° \mathbb{I} 05'34			-11487 Jul 22 j 02:06	0° \mathbb{I}	
evening set	-11488 Aug 20 j 21:11	20° \mathbb{I} 40'50		evening max el	-11487 Jul 22 j 20:07	0° \mathbb{I} 46'45	21°49'42
asc. node	-11488 Aug 25 j 11:06	15° \mathbb{I} 41'39		retrograde	-11487 Jul 31 j 20:39	6° \mathbb{I} 07'07	
inferior conj	-11488 Aug 26 j 06:44	14° \mathbb{I} 35'44	0°15'36	evening set	-11487 Aug 05 j 05:44	4° \mathbb{I} 22'03	
minimum elong	-11488 Aug 26 j 06:23	14° \mathbb{I} 36'57	0°16'04		-11487 Aug 09 j 04:05	30° \mathcal{R} \mathcal{B}	
transit middle	-11488 Aug 26 j 06:23	14° \mathbb{I} 36'57	0°16'04	inferior conj	-11487 Aug 10 j 12:04	28° \mathcal{B} 10'50	-0°34'35
transit begin	-11488 Aug 26 j 05:50	14° \mathbb{I} 38'46		minimum elong	-11487 Aug 10 j 12:47	28° \mathcal{B} 08'21	0°33'46
transit end	-11488 Aug 26 j 06:55	14° \mathbb{I} 35'08		min. Earth dist.	-11487 Aug 10 j 18:13	27° \mathcal{B} 49'38	0.67137 AU
min. Earth dist.	-11488 Aug 26 j 23:22	13° \mathbb{I} 39'34	0.66743 AU	asc. node	-11487 Aug 12 j 08:01	25° \mathcal{B} 41'37	
morning rise	-11488 Aug 31 j 15:24	8° \mathbb{I} 15'08		morning rise	-11487 Aug 15 j 19:45	21° \mathcal{B} 51'03	
direct	-11488 Sep 06 j 00:17	5° \mathbb{I} 58'30		direct	-11487 Aug 20 j 14:35	19° \mathcal{B} 52'29	
morning max el	-11488 Sep 17 j 06:51	12° \mathbb{I} 42'36	24°28'10	morning max el	-11487 Aug 30 j 17:50	25° \mathcal{B} 58'34	23°04'15
	-11488 Oct 01 j 06:04	0° \mathcal{E}			-11487 Sep 03 j 09:10	0° \mathbb{I}	
desc. node	-11488 Oct 11 j 23:12	15° \mathcal{E} 52'10			-11487 Sep 24 j 20:08	0° \mathcal{E}	
	-11488 Oct 20 j 15:44	0° \mathcal{Q}		desc. node	-11487 Sep 28 j 20:09	6° \mathcal{E} 15'20	
morning set	-11488 Oct 22 j 22:39	3° \mathcal{Q} 55'26		morning set	-11487 Oct 03 j 21:28	14° \mathcal{E} 25'42	
max. Earth dist.	-11488 Oct 26 j 22:20	10° \mathcal{Q} 58'30	1.38164 AU	max. Earth dist.	-11487 Oct 08 j 21:02	22° \mathcal{E} 48'25	1.40153 AU
					-11487 Oct 12 j 23:54	0° \mathcal{Q}	
superior conj	-11488 Nov 02 j 18:08	23° \mathcal{Q} 41'58	-1°38'38				
minimum elong	-11488 Nov 02 j 17:23	23° \mathcal{Q} 38'22	1°38'12	superior conj	-11487 Oct 16 j 11:14	6° \mathcal{Q} 15'22	-1°30'23
	-11488 Nov 05 j 23:54	0° \mathbb{N}		minimum elong	-11487 Oct 16 j 08:31	6° \mathcal{Q} 02'58	1°29'40
evening rise	-11488 Nov 11 j 07:30	10° \mathbb{N} 31'10		evening rise	-11487 Oct 26 j 00:21	24° \mathcal{Q} 12'20	
asc. node	-11488 Nov 21 j 09:45	29° \mathbb{N} 00'15			-11487 Oct 29 j 01:46	0° \mathbb{N}	
	-11488 Nov 22 j 01:12	0° \mathcal{Q}		asc. node	-11487 Nov 08 j 07:02	16° \mathbb{N} 54'14	
evening max el	-11488 Nov 28 j 02:12	7° \mathcal{Q} 33'49	19°04'24	evening max el	-11487 Nov 11 j 05:19	20° \mathbb{N} 14'16	18°26'31
retrograde	-11488 Dec 06 j 17:53	11° \mathcal{Q} 42'12		retrograde	-11487 Nov 18 j 19:35	23° \mathbb{N} 59'20	
evening set	-11488 Dec 09 j 05:56	11° \mathcal{Q} 22'55		evening set	-11487 Nov 21 j 07:06	23° \mathbb{N} 36'33	
inferior conj	-11488 Dec 17 j 06:27	7° \mathcal{Q} 05'38	4°11'01				

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

inferior conj	-11487 Nov 28 j 18:44	18° \mathbb{M} 58'52	4°14'49			-11486 Nov 12 j 13:26	30° \mathbb{R} \mathcal{Q}	
minimum elong	-11487 Nov 28 j 17:20	19° \mathbb{M} 01'40	4°14'55	min. Earth dist.	-11486 Nov 14 j 00:44	28° \mathcal{Q} 39'29	0.61178 AU	
min. Earth dist.	-11487 Dec 01 j 23:58	16° \mathbb{M} 23'34	0.59322 AU	morning rise	-11486 Nov 17 j 16:38	25° \mathcal{Q} 46'54		
morning rise	-11487 Dec 06 j 01:48	13° \mathbb{M} 39'31		direct	-11486 Nov 24 j 16:26	23° \mathcal{Q} 27'35		
direct	-11487 Dec 12 j 12:51	11° \mathbb{M} 52'14			-11486 Dec 07 j 15:17	0° \mathbb{M}		
desc. node	-11487 Dec 25 j 21:21	18° \mathbb{M} 33'22		morning max el	-11486 Dec 08 j 14:29	0° \mathbb{M} 54'29	27°22'11	
morning max el	-11487 Dec 26 j 14:07	19° \mathbb{M} 12'46	26°35'27	desc. node	-11486 Dec 12 j 18:03	5° \mathbb{M} 17'43		
	-11486 Jan 04 j 19:15	0° \mathcal{Q}			-11486 Dec 29 j 19:03	0° \mathcal{Q}		
	-11486 Jan 22 j 12:02	0° \mathbb{M}		morning set	-11485 Jan 09 j 13:42	20° \mathcal{Q} 27'49		
morning set	-11486 Jan 25 j 06:03	5° \mathbb{M} 38'11			-11485 Jan 14 j 02:06	0° \mathbb{M}		
				max. Earth dist.	-11485 Jan 15 j 20:18	3° \mathbb{M} 48'26	1.32867 AU	
superior conj	-11486 Feb 01 j 06:03	20° \mathbb{M} 42'03	-0°27'53					
minimum elong	-11486 Feb 01 j 07:10	20° \mathbb{M} 48'08	0°28'08	superior conj	-11485 Jan 16 j 17:44	5° \mathbb{M} 45'06	-0°48'54	
max. Earth dist.	-11486 Feb 01 j 07:34	20° \mathbb{M} 50'18	1.32785 AU	minimum elong	-11485 Jan 16 j 19:30	5° \mathbb{M} 54'43	0°48'56	
asc. node	-11486 Feb 04 j 04:43	27° \mathbb{M} 06'51		asc. node	-11485 Jan 22 j 01:58	17° \mathbb{M} 20'11		
	-11486 Feb 05 j 12:51	0° \mathcal{Q}		evening rise	-11485 Jan 23 j 18:21	20° \mathbb{M} 54'01		
evening rise	-11486 Feb 08 j 08:12	5° \mathcal{Q} 55'57			-11485 Jan 28 j 06:00	0° \mathcal{Q}		
	-11486 Feb 21 j 05:31	0° \mathcal{Q}			-11485 Feb 16 j 17:04	0° \mathcal{Q}		
evening max el	-11486 Mar 09 j 16:05	21° \mathcal{Q} 37'38	26°27'04	evening max el	-11485 Feb 19 j 12:30	2° \mathcal{Q} 52'53	25°13'35	
retrograde	-11486 Mar 23 j 19:19	29° \mathcal{Q} 00'18		retrograde	-11485 Mar 05 j 12:59	9° \mathcal{Q} 58'56		
desc. node	-11486 Mar 23 j 22:04	29° \mathcal{Q} 00'16		evening set	-11485 Mar 10 j 13:48	8° \mathcal{Q} 59'58		
evening set	-11486 Mar 29 j 20:12	27° \mathcal{Q} 27'18		desc. node	-11485 Mar 10 j 19:06	8° \mathcal{Q} 54'48		
min. Earth dist.	-11486 Apr 03 j 05:31	24° \mathcal{Q} 37'03	0.59355 AU	min. Earth dist.	-11485 Mar 16 j 02:00	6° \mathcal{Q} 00'25	0.57508 AU	
inferior conj	-11486 Apr 06 j 13:42	21° \mathcal{Q} 58'08	-2°55'08	inferior conj	-11485 Mar 19 j 01:04	3° \mathcal{Q} 58'29	-1°58'00	
minimum elong	-11486 Apr 06 j 10:34	22° \mathcal{Q} 04'24	2°55'12	minimum elong	-11485 Mar 18 j 21:29	4° \mathcal{Q} 04'42	1°57'43	
morning rise	-11486 Apr 14 j 03:48	17° \mathcal{Q} 22'15			-11485 Mar 26 j 04:43	30° \mathbb{R} \mathcal{Q}		
direct	-11486 Apr 16 j 13:32	17° \mathcal{Q} 01'12		morning rise	-11485 Mar 27 j 08:22	29° \mathcal{Q} 40'54		
morning max el	-11486 Apr 24 j 03:09	20° \mathcal{Q} 40'31	18°23'29	direct	-11485 Mar 29 j 14:16	29° \mathcal{Q} 25'34		
	-11486 May 01 j 05:28	0° \mathcal{Q}			-11485 Apr 01 j 20:48	0° \mathcal{Q}		
asc. node	-11486 May 03 j 04:01	3° \mathcal{Q} 14'24		morning max el	-11485 Apr 07 j 07:51	3° \mathcal{Q} 34'04	19°02'14	
morning set	-11486 May 10 j 05:54	16° \mathcal{Q} 14'10		asc. node	-11485 Apr 20 j 00:57	22° \mathcal{Q} 30'21		
	-11486 May 17 j 12:53	0° \mathcal{Q}		morning set	-11485 Apr 23 j 23:53	0° \mathcal{Q} 08'07		
					-11485 Apr 23 j 22:14	0° \mathcal{Q}		
superior conj	-11486 May 19 j 19:29	4° \mathcal{Q} 11'38	1°46'14					
minimum elong	-11486 May 19 j 17:40	4° \mathcal{Q} 03'19	1°45'51	superior conj	-11485 May 02 j 15:21	17° \mathcal{Q} 02'54	1°34'12	
max. Earth dist.	-11486 May 27 j 02:45	17° \mathcal{Q} 09'48	1.40298 AU	minimum elong	-11485 May 02 j 12:25	16° \mathcal{Q} 48'50	1°33'30	
evening rise	-11486 May 31 j 22:55	25° \mathcal{Q} 20'18		max. Earth dist.	-11485 May 09 j 03:06	29° \mathcal{Q} 08'43	1.38425 AU	
	-11486 Jun 03 j 19:14	0° \mathcal{Q}			-11485 May 09 j 14:28	0° \mathcal{Q}		
desc. node	-11486 Jun 19 j 19:36	24° \mathcal{Q} 23'46		evening rise	-11485 May 13 j 04:09	6° \mathcal{Q} 18'53		
	-11486 Jun 23 j 19:57	0° \mathcal{Q}			-11485 May 27 j 19:05	0° \mathcal{Q}		
evening max el	-11486 Jul 05 j 09:45	14° \mathcal{Q} 06'53	23°10'34	desc. node	-11485 Jun 06 j 17:02	14° \mathcal{Q} 09'36		
retrograde	-11486 Jul 15 j 13:50	20° \mathcal{Q} 09'06		evening max el	-11485 Jun 17 j 20:08	27° \mathcal{Q} 28'07	24°32'21	
evening set	-11486 Jul 20 j 13:12	18° \mathcal{Q} 02'51			-11485 Jun 20 j 13:33	0° \mathcal{Q}		
inferior conj	-11486 Jul 25 j 18:25	11° \mathcal{Q} 48'13	-1°21'25	retrograde	-11485 Jun 29 j 03:30	4° \mathcal{Q} 08'32		
minimum elong	-11486 Jul 25 j 20:00	11° \mathcal{Q} 42'44	1°20'27	evening set	-11485 Jul 04 j 17:44	1° \mathcal{Q} 42'35		
min. Earth dist.	-11486 Jul 25 j 14:00	12° \mathcal{Q} 03'27	0.67239 AU		-11485 Jul 06 j 10:25	30° \mathbb{R} \mathcal{Q}		
asc. node	-11486 Jul 30 j 04:54	6° \mathcal{Q} 20'42		min. Earth dist.	-11485 Jul 09 j 08:17	26° \mathcal{Q} 19'54	0.67025 AU	
morning rise	-11486 Jul 31 j 02:43	5° \mathcal{Q} 32'59		inferior conj	-11485 Jul 10 j 00:01	25° \mathcal{Q} 26'51	-2°03'33	
direct	-11486 Aug 04 j 08:49	3° \mathcal{Q} 52'42		minimum elong	-11485 Jul 10 j 02:12	25° \mathcal{Q} 19'30	2°02'38	
morning max el	-11486 Aug 13 j 08:32	9° \mathcal{Q} 15'57	21°42'05	morning rise	-11485 Jul 15 j 10:36	19° \mathcal{Q} 19'44		
	-11486 Aug 29 j 04:46	0° \mathbb{I}		asc. node	-11485 Jul 17 j 01:47	18° \mathcal{Q} 23'21		
morning set	-11486 Sep 13 j 18:11	23° \mathbb{I} 41'12		direct	-11485 Jul 19 j 05:46	17° \mathcal{Q} 56'36		
desc. node	-11486 Sep 15 j 17:10	26° \mathbb{I} 48'12		morning max el	-11485 Jul 27 j 05:17	22° \mathcal{Q} 39'03	20°28'12	
	-11486 Sep 17 j 16:51	0° \mathcal{Q}			-11485 Aug 02 j 07:09	0° \mathcal{Q}		
max. Earth dist.	-11486 Sep 21 j 00:03	5° \mathcal{Q} 23'41	1.42014 AU		-11485 Aug 22 j 12:18	0° \mathbb{I}		
				morning set	-11485 Aug 23 j 22:21	2° \mathbb{I} 12'10		
superior conj	-11486 Sep 28 j 07:08	17° \mathcal{Q} 43'45	-1°10'40	desc. node	-11485 Sep 02 j 14:16	17° \mathbb{I} 26'54		
minimum elong	-11486 Sep 28 j 02:54	17° \mathcal{Q} 25'22	1°09'38	max. Earth dist.	-11485 Sep 03 j 09:57	18° \mathbb{I} 45'58	1.43490 AU	
	-11486 Oct 05 j 05:30	0° \mathcal{Q}						
evening rise	-11486 Oct 09 j 05:39	7° \mathcal{Q} 16'51		superior conj	-11485 Sep 09 j 00:34	27° \mathbb{I} 53'58	-0°38'07	
	-11486 Oct 22 j 18:41	0° \mathbb{M}		minimum elong	-11485 Sep 08 j 21:00	27° \mathbb{I} 39'16	0°37'03	
evening max el	-11486 Oct 25 j 14:55	3° \mathbb{M} 17'42	18°08'48		-11485 Sep 10 j 07:03	0° \mathcal{Q}		
asc. node	-11486 Oct 26 j 04:16	3° \mathbb{M} 49'49		evening rise	-11485 Sep 21 j 18:55	19° \mathcal{Q} 34'13		
retrograde	-11486 Nov 01 j 13:17	6° \mathbb{M} 51'28			-11485 Sep 27 j 19:32	0° \mathcal{Q}		
evening set	-11486 Nov 04 j 01:53	6° \mathbb{M} 23'33		evening max el	-11485 Oct 09 j 03:57	16° \mathcal{Q} 35'55	18°10'17	
inferior conj	-11486 Nov 11 j 01:15	1° \mathbb{M} 24'18	3°53'02	asc. node	-11485 Oct 13 j 01:31	19° \mathcal{Q} 30'55		
minimum elong	-11486 Nov 10 j 21:54	1° \mathbb{M} 32'04	3°52'49	retrograde	-11485 Oct 15 j 19:10	20° \mathcal{Q} 08'46		

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening set	-11485 Oct 18 j 10:41	19°Ω33'41		evening set	-11484 Oct 01 j 05:44	2°Ω58'52	
inferior conj	-11485 Oct 24 j 22:55	14°Ω14'30	3°15'20		-11484 Oct 04 j 23:28	30°℞☿	
minimum elong	-11485 Oct 24 j 19:07	14°Ω24'25	3°14'52	inferior conj	-11484 Oct 07 j 08:17	27°☿22'46	2°28'44
min. Earth dist.	-11485 Oct 27 j 10:54	11°Ω38'14	0.62899 AU	minimum elong	-11484 Oct 07 j 05:02	27°☿32'10	2°28'17
morning rise	-11485 Oct 31 j 02:40	8°Ω21'36		min. Earth dist.	-11484 Oct 09 j 07:18	25°☿07'13	0.64363 AU
direct	-11485 Nov 07 j 03:51	5°Ω43'09		morning rise	-11484 Oct 13 j 03:43	21°☿17'15	
morning max el	-11485 Nov 20 j 20:38	13°Ω14'31	27°34'25	direct	-11484 Oct 19 j 22:14	18°☿32'57	
desc. node	-11485 Nov 29 j 14:44	23°Ω16'59		morning max el	-11484 Nov 02 j 06:14	26°☿04'54	27°13'08
	-11485 Dec 04 j 11:42	0°♊			-11484 Nov 05 j 23:12	0°Ω	
	-11485 Dec 22 j 03:37	0°♊		desc. node	-11484 Nov 15 j 11:26	12°Ω09'29	
morning set	-11485 Dec 24 j 15:39	4°♊57'15			-11484 Nov 26 j 23:13	0°♊	
max. Earth dist.	-11485 Dec 30 j 04:55	16°♊29'23	1.33309 AU	morning set	-11484 Dec 07 j 09:07	18°♊57'12	
				max. Earth dist.	-11484 Dec 12 j 05:41	28°♊42'13	1.34146 AU
					-11484 Dec 12 j 20:45	0°♊	
superior conj	-11484 Jan 01 j 03:41	20°♊40'04	-1°07'34				
minimum elong	-11484 Jan 01 j 05:47	20°♊51'25	1°07'27	superior conj	-11484 Dec 15 j 10:00	5°♊20'32	-1°22'58
	-11484 Jan 05 j 11:26	0°♋		minimum elong	-11484 Dec 15 j 12:02	5°♊31'14	1°22'47
evening rise	-11484 Jan 08 j 05:37	5°♋52'03		evening rise	-11484 Dec 22 j 16:22	20°♊44'03	
asc. node	-11484 Jan 08 j 23:16	7°♋24'15		asc. node	-11484 Dec 25 j 20:36	27°♊13'43	
	-11484 Jan 21 j 06:15	0°♌			-11484 Dec 27 j 06:24	0°♋	
evening max el	-11484 Feb 01 j 05:47	13°♌46'16	23°43'13	evening max el	-11483 Jan 13 j 00:53	24°♋40'56	22°09'30
retrograde	-11484 Feb 14 j 18:01	20°♌24'16			-11483 Jan 21 j 10:51	0°♌	
evening set	-11484 Feb 18 j 17:00	19°♌49'47		retrograde	-11483 Jan 25 j 12:16	0°♌38'10	
desc. node	-11484 Feb 25 j 16:04	16°♌33'21		evening set	-11483 Jan 28 j 15:19	0°♌16'31	
min. Earth dist.	-11484 Feb 25 j 18:37	16°♌29'33	0.56122 AU		-11483 Jan 29 j 16:38	30°℞♋	
inferior conj	-11484 Feb 27 j 16:48	15°♌19'29	-0°31'01	inferior conj	-11483 Feb 06 j 17:47	26°♋09'44	1°13'49
minimum elong	-11484 Feb 27 j 15:32	15°♌21'26	0°31'13	minimum elong	-11483 Feb 06 j 20:54	26°♋05'17	1°12'19
morning rise	-11484 Mar 07 j 16:33	11°♌14'43		min. Earth dist.	-11483 Feb 06 j 09:22	26°♋21'46	0.55468 AU
direct	-11484 Mar 09 j 21:03	11°♌02'26		desc. node	-11483 Feb 11 j 12:58	23°♋36'31	
morning max el	-11484 Mar 20 j 03:41	15°♌53'51	20°00'48	morning rise	-11483 Feb 16 j 03:09	22°♋05'12	
	-11484 Mar 30 j 11:12	0°♍		direct	-11483 Feb 18 j 14:17	21°♋51'20	
asc. node	-11484 Apr 05 j 21:54	12°♍09'31		morning max el	-11483 Mar 02 j 12:35	27°♋33'57	21°18'02
morning set	-11484 Apr 07 j 02:07	14°♍31'03			-11483 Mar 04 j 20:57	0°♌	
	-11484 Apr 14 j 17:28	0°♍		morning set	-11483 Mar 22 j 09:51	29°♌14'54	
					-11483 Mar 22 j 18:36	0°♍	
superior conj	-11484 Apr 15 j 01:33	0°♍40'20	1°16'19	asc. node	-11483 Mar 23 j 18:53	2°♍05'45	
minimum elong	-11484 Apr 14 j 22:36	0°♍25'40	1°15'22				
max. Earth dist.	-11484 Apr 20 j 06:40	10°♍51'18	1.36676 AU	superior conj	-11483 Mar 29 j 21:58	14°♍52'03	0°54'58
evening rise	-11484 Apr 24 j 09:27	18°♍31'28		minimum elong	-11483 Mar 29 j 19:41	14°♍40'12	0°53'57
	-11484 Apr 30 j 22:17	0°♎		max. Earth dist.	-11483 Apr 02 j 18:26	22°♍42'25	1.35212 AU
	-11484 May 20 j 21:47	0°♎			-11483 Apr 06 j 11:42	0°♍	
desc. node	-11484 May 23 j 14:27	3°♎24'21		evening rise	-11483 Apr 07 j 09:06	1°♍42'09	
evening max el	-11484 May 30 j 05:53	10°♎50'38	25°46'54		-11483 Apr 23 j 22:03	0°♎	
retrograde	-11484 Jun 11 j 12:54	18°♎00'24		desc. node	-11483 May 10 j 11:52	21°♎54'55	
evening set	-11484 Jun 17 j 17:15	15°♎19'26		evening max el	-11483 May 12 j 16:18	24°♎10'00	26°45'31
min. Earth dist.	-11484 Jun 21 j 22:44	10°♎35'54	0.66453 AU		-11483 May 20 j 02:44	0°♎	
inferior conj	-11484 Jun 23 j 03:02	9°♎04'40	-2°39'34	retrograde	-11483 May 25 j 17:32	1°♎37'36	
minimum elong	-11484 Jun 23 j 05:25	8°♎56'57	2°38'55		-11483 May 30 j 20:02	30°℞♎	
morning rise	-11484 Jun 28 j 17:39	3°♎08'49		evening set	-11483 Jun 01 j 09:16	28°♎50'10	
direct	-11484 Jul 02 j 03:42	2°♎01'02		min. Earth dist.	-11483 Jun 05 j 07:09	24°♎45'33	0.65497 AU
asc. node	-11484 Jul 02 j 22:37	2°♎04'30		inferior conj	-11483 Jun 07 j 01:20	22°♎38'25	-3°07'44
morning max el	-11484 Jul 09 j 08:40	6°♎09'31	19°27'04	minimum elong	-11483 Jun 07 j 03:28	22°♎32'01	3°07'30
	-11484 Jul 26 j 06:29	0°♏		morning rise	-11483 Jun 12 j 21:56	16°♎56'30	
morning set	-11484 Aug 02 j 05:19	10°♏53'27		direct	-11483 Jun 16 j 00:41	16°♎01'58	
	-11484 Aug 14 j 08:34	0°♐		asc. node	-11483 Jun 19 j 19:24	17°♎17'46	
max. Earth dist.	-11484 Aug 16 j 01:00	2°♐40'10	1.44377 AU	morning max el	-11483 Jun 22 j 17:35	19°♎45'17	18°41'18
					-11483 Jun 30 j 12:32	0°♎	
superior conj	-11484 Aug 18 j 15:21	6°♐48'06	0°05'02	morning set	-11483 Jul 13 j 07:36	20°♎28'03	
minimum elong	-11484 Aug 18 j 16:01	6°♐50'44	0°05'32		-11483 Jul 19 j 05:13	0°♏	
behind sun begin	-11484 Aug 18 j 05:24	6°♐08'28					
behind sun end	-11484 Aug 19 j 02:37	7°♐33'02		superior conj	-11483 Jul 28 j 15:32	15°♏01'55	0°50'08
desc. node	-11484 Aug 19 j 11:27	8°♐08'20		minimum elong	-11483 Jul 28 j 21:10	15°♏24'11	0°49'57
	-11484 Sep 01 j 22:15	0°♑		max. Earth dist.	-11483 Jul 29 j 17:38	16°♏45'13	1.44574 AU
evening rise	-11484 Sep 02 j 10:43	0°♑51'32		desc. node	-11483 Aug 06 j 08:45	28°♏48'52	
evening max el	-11484 Sep 21 j 17:28	0°Ω02'41	18°29'58		-11483 Aug 07 j 02:44	0°♐	
	-11484 Sep 21 j 16:25	0°Ω		evening rise	-11483 Aug 13 j 23:57	10°♐54'44	
retrograde	-11484 Sep 28 j 09:10	3°Ω43'38			-11483 Aug 26 j 02:57	0°♑	
asc. node	-11484 Sep 28 j 22:42	3°Ω41'52					

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening max el	-11483 Sep 05 j 04:35	13° \mathfrak{C} 32'13	19°06'53	evening max el	-11482 Aug 19 j 10:55	27° Π 01'09	19°59'44
retrograde	-11483 Sep 12 j 03:47	17° \mathfrak{C} 29'50			-11482 Aug 22 j 22:53	0° \mathfrak{C}	
evening set	-11483 Sep 15 j 07:43	16° \mathfrak{C} 32'15		retrograde	-11482 Aug 27 j 00:19	1° \mathfrak{C} 24'02	
asc. node	-11483 Sep 15 j 19:49	16° \mathfrak{C} 12'37		evening set	-11482 Aug 30 j 13:58	0° \mathfrak{C} 10'14	
inferior conj	-11483 Sep 21 j 02:15	10° \mathfrak{C} 42'35	1°37'44		-11482 Aug 30 j 19:43	30° \mathfrak{R} Π	
minimum elong	-11483 Sep 21 j 00:02	10° \mathfrak{C} 49'32	1°37'34	asc. node	-11482 Sep 02 j 16:50	27° Π 12'04	
min. Earth dist.	-11483 Sep 22 j 12:47	8° \mathfrak{C} 54'52	0.65527 AU	inferior conj	-11482 Sep 05 j 02:17	24° Π 10'09	0°45'27
morning rise	-11483 Sep 26 j 15:55	4° \mathfrak{C} 28'05		minimum elong	-11482 Sep 05 j 01:15	24° Π 13'34	0°45'41
direct	-11483 Oct 02 j 22:59	1° \mathfrak{C} 48'48		min. Earth dist.	-11482 Sep 06 j 01:16	22° Π 54'17	0.66387 AU
morning max el	-11483 Oct 15 j 16:35	9° \mathfrak{C} 12'21	26°23'40	morning rise	-11482 Sep 10 j 12:15	17° Π 50'39	
	-11483 Nov 01 j 05:15	0° \mathfrak{C}		direct	-11482 Sep 16 j 05:33	15° Π 24'08	
desc. node	-11483 Nov 02 j 08:09	1° \mathfrak{C} 39'14		morning max el	-11482 Sep 28 j 02:19	22° Π 26'15	25°13'54
	-11483 Nov 19 j 09:07	0° \mathfrak{C}			-11482 Oct 04 j 18:47	0° \mathfrak{C}	
morning set	-11483 Nov 20 j 14:19	2° \mathfrak{C} 15'44		desc. node	-11482 Oct 20 j 04:56	21° \mathfrak{C} 35'37	
max. Earth dist.	-11483 Nov 24 j 19:46	10° \mathfrak{C} 22'39	1.35406 AU		-11482 Oct 25 j 12:20	0° \mathfrak{C}	
				morning set	-11482 Nov 03 j 02:30	14° \mathfrak{C} 39'18	
superior conj	-11483 Nov 29 j 10:24	19° \mathfrak{C} 38'37	-1°33'59	max. Earth dist.	-11482 Nov 06 j 23:29	21° \mathfrak{C} 43'16	1.37072 AU
minimum elong	-11483 Nov 29 j 11:50	19° \mathfrak{C} 45'56	1°33'45		-11482 Nov 11 j 07:54	0° \mathfrak{C}	
	-11483 Dec 04 j 10:19	0° \mathfrak{C}					
evening rise	-11483 Dec 07 j 00:51	5° \mathfrak{C} 23'55		superior conj	-11482 Nov 13 j 01:55	3° \mathfrak{C} 25'37	-1°39'06
asc. node	-11483 Dec 12 j 17:57	16° \mathfrak{C} 42'12		minimum elong	-11482 Nov 13 j 02:09	3° \mathfrak{C} 26'42	1°38'47
	-11483 Dec 20 j 21:57	0° \mathfrak{C}		evening rise	-11482 Nov 21 j 05:11	19° \mathfrak{C} 46'11	
evening max el	-11483 Dec 26 j 03:13	5° \mathfrak{C} 58'53	20°44'25		-11482 Nov 26 j 10:49	0° \mathfrak{C}	
retrograde	-11482 Jan 06 j 03:02	11° \mathfrak{C} 08'27		asc. node	-11482 Nov 29 j 15:17	5° \mathfrak{C} 42'01	
evening set	-11482 Jan 08 j 19:44	10° \mathfrak{C} 51'06		evening max el	-11482 Dec 08 j 15:35	17° \mathfrak{C} 50'25	19°35'21
inferior conj	-11482 Jan 17 j 15:32	6° \mathfrak{C} 52'15	2°49'56	retrograde	-11482 Dec 18 j 01:47	22° \mathfrak{C} 17'13	
minimum elong	-11482 Jan 17 j 21:16	6° \mathfrak{C} 43'50	2°48'08	evening set	-11482 Dec 20 j 14:53	21° \mathfrak{C} 59'14	
min. Earth dist.	-11482 Jan 18 j 23:16	6° \mathfrak{C} 05'47	0.55679 AU	inferior conj	-11482 Dec 28 j 22:56	17° \mathfrak{C} 52'05	3°52'57
morning rise	-11482 Jan 26 j 21:26	2° \mathfrak{C} 32'05		minimum elong	-11482 Dec 29 j 03:06	17° \mathfrak{C} 45'19	3°52'12
desc. node	-11482 Jan 29 j 09:45	2° \mathfrak{C} 09'04		min. Earth dist.	-11482 Dec 31 j 12:46	16° \mathfrak{C} 12'24	0.56700 AU
direct	-11482 Jan 30 j 05:35	2° \mathfrak{C} 07'32		morning rise	-11481 Jan 06 j 13:11	13° \mathfrak{C} 08'21	
morning max el	-11482 Feb 12 j 10:47	8° \mathfrak{C} 36'52	22°49'45	direct	-11481 Jan 11 j 05:16	12° \mathfrak{C} 18'59	
	-11482 Feb 27 j 15:42	0° \mathfrak{C}		desc. node	-11481 Jan 16 j 06:29	13° \mathfrak{C} 17'40	
morning set	-11482 Mar 06 j 20:54	14° \mathfrak{C} 12'47		morning max el	-11481 Jan 25 j 02:09	19° \mathfrak{C} 18'19	24°26'39
asc. node	-11482 Mar 10 j 15:57	22° \mathfrak{C} 14'11			-11481 Feb 03 j 00:45	0° \mathfrak{C}	
				morning set	-11481 Feb 19 j 09:21	29° \mathfrak{C} 17'12	
superior conj	-11482 Mar 14 j 01:32	29° \mathfrak{C} 28'40	0°31'53		-11481 Feb 19 j 17:30	0° \mathfrak{C}	
minimum elong	-11482 Mar 14 j 00:11	29° \mathfrak{C} 21'30	0°30'58	asc. node	-11481 Feb 25 j 13:05	12° \mathfrak{C} 29'32	
	-11482 Mar 14 j 07:27	0° \mathfrak{C}					
max. Earth dist.	-11482 Mar 16 j 16:24	4° \mathfrak{C} 59'13	1.34097 AU	superior conj	-11481 Feb 26 j 09:44	14° \mathfrak{C} 21'11	0°08'15
evening rise	-11482 Mar 21 j 22:04	15° \mathfrak{C} 36'13		minimum elong	-11481 Feb 26 j 09:25	14° \mathfrak{C} 19'26	0°07'34
	-11482 Mar 29 j 15:09	0° \mathfrak{C}		behind sun begin	-11481 Feb 26 j 04:54	13° \mathfrak{C} 55'03	
	-11482 Apr 18 j 12:51	0° \mathfrak{C}		behind sun end	-11481 Feb 26 j 13:56	14° \mathfrak{C} 43'49	
evening max el	-11482 Apr 25 j 03:01	7° \mathfrak{C} 18'29	27°20'19	max. Earth dist.	-11481 Feb 27 j 23:02	17° \mathfrak{C} 41'53	1.33334 AU
desc. node	-11482 Apr 27 j 09:12	9° \mathfrak{C} 23'25		evening rise	-11481 Mar 05 j 20:22	0° \mathfrak{C} 00'03	
retrograde	-11482 May 08 j 16:48	14° \mathfrak{C} 52'48			-11481 Mar 05 j 20:21	0° \mathfrak{C}	
evening set	-11482 May 15 j 14:58	12° \mathfrak{C} 10'51			-11481 Mar 22 j 17:18	0° \mathfrak{C}	
min. Earth dist.	-11482 May 19 j 07:47	8° \mathfrak{C} 41'02	0.64150 AU	evening max el	-11481 Apr 07 j 12:04	20° \mathfrak{C} 03'50	27°25'14
inferior conj	-11482 May 21 j 16:33	6° \mathfrak{C} 04'48	-3°25'36	desc. node	-11481 Apr 14 j 06:27	25° \mathfrak{C} 24'02	
minimum elong	-11482 May 21 j 17:47	6° \mathfrak{C} 01'22	3°25'47	retrograde	-11481 Apr 21 j 09:35	27° \mathfrak{C} 36'51	
morning rise	-11482 May 27 j 21:18	0° \mathfrak{C} 39'06		evening set	-11481 Apr 28 j 07:01	25° \mathfrak{C} 13'43	
	-11482 May 29 j 21:00	30° \mathfrak{C}		min. Earth dist.	-11481 May 01 j 23:27	22° \mathfrak{C} 09'52	0.62451 AU
direct	-11482 May 30 j 18:20	29° \mathfrak{C} 55'49		inferior conj	-11481 May 04 j 21:40	19° \mathfrak{C} 17'22	-3°29'37
	-11482 May 31 j 15:41	0° \mathfrak{C}		minimum elong	-11481 May 04 j 21:25	19° \mathfrak{C} 18'01	3°30'04
morning max el	-11482 Jun 06 j 06:11	3° \mathfrak{C} 23'30	18°12'35	morning rise	-11481 May 11 j 13:08	14° \mathfrak{C} 09'56	
asc. node	-11482 Jun 06 j 16:10	3° \mathfrak{C} 49'05		direct	-11481 May 14 j 05:36	13° \mathfrak{C} 36'13	
	-11482 Jun 23 j 17:59	0° \mathfrak{C}		morning max el	-11481 May 20 j 20:04	16° \mathfrak{C} 58'34	18°01'56
morning set	-11482 Jun 24 j 11:14	1° \mathfrak{C} 13'09		asc. node	-11481 May 24 j 12:57	21° \mathfrak{C} 22'14	
					-11481 May 30 j 02:44	0° \mathfrak{C}	
superior conj	-11482 Jul 07 j 23:23	23° \mathfrak{C} 39'36	1°25'35	morning set	-11481 Jun 06 j 14:10	13° \mathfrak{C} 04'38	
minimum elong	-11482 Jul 08 j 05:35	24° \mathfrak{C} 04'42	1°25'18		-11481 Jun 16 j 06:18	0° \mathfrak{C}	
	-11482 Jul 11 j 21:56	0° \mathfrak{C}					
max. Earth dist.	-11482 Jul 12 j 08:59	0° \mathfrak{C} 44'06	1.44075 AU	superior conj	-11481 Jun 18 j 06:57	3° \mathfrak{C} 26'46	1°45'02
evening rise	-11482 Jul 24 j 11:32	19° \mathfrak{C} 46'39		minimum elong	-11481 Jun 18 j 09:53	3° \mathfrak{C} 39'10	1°44'54
desc. node	-11482 Jul 24 j 06:06	19° \mathfrak{C} 25'31		max. Earth dist.	-11481 Jun 24 j 20:36	14° \mathfrak{C} 20'47	1.42949 AU
	-11482 Jul 31 j 02:18	0° \mathfrak{C}		evening rise	-11481 Jul 03 j 11:40	28° \mathfrak{C} 06'38	
greatest brilliancy	-11482 Aug 06 j 06:13	9° \mathfrak{C} 21'46	-0.7m		-11481 Jul 04 j 16:43	0° \mathfrak{C}	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

desc. node	-11481 Jul 11 j 03:30	9°♄54'27		morning set	-11480 May 19 j 11:48	25°♄52'10	
	-11481 Jul 24 j 22:20	0°♄			-11480 May 21 j 17:15	0°♄	
evening max el	-11481 Aug 02 j 10:44	10°♄26'36	21°06'29				
retrograde	-11481 Aug 10 j 20:42	15°♄23'32		superior conj	-11480 May 29 j 17:29	14°♄34'41	1°49'15
evening set	-11481 Aug 14 j 22:15	13°♄50'24		minimum elong	-11480 May 29 j 16:59	14°♄32'29	1°49'02
inferior conj	-11481 Aug 20 j 06:14	7°♄42'39	-0°05'59	max. Earth dist.	-11480 Jun 06 j 02:58	27°♄21'58	1.41348 AU
minimum elong	-11481 Aug 20 j 06:20	7°♄42'16	0°05'22		-11480 Jun 07 j 16:45	0°♄	
transit middle	-11481 Aug 20 j 06:20	7°♄42'16	0°05'22	evening rise	-11480 Jun 11 j 23:13	6°♄59'51	
transit begin	-11481 Aug 20 j 03:46	7°♄51'02			-11480 Jun 26 j 21:51	0°♄	
transit end	-11481 Aug 20 j 08:55	7°♄33'29		desc. node	-11480 Jun 27 j 00:56	0°♄11'16	
asc. node	-11481 Aug 20 j 13:47	7°♄16'51		evening max el	-11480 Jul 15 j 03:39	23°♄47'44	22°23'36
min. Earth dist.	-11481 Aug 20 j 18:25	7°♄01'02	0.66947 AU	retrograde	-11480 Jul 24 j 15:25	29°♄25'23	
morning rise	-11481 Aug 25 j 14:16	1°♄22'07		evening set	-11480 Jul 29 j 06:34	27°♄31'04	
	-11481 Aug 27 j 14:05	30°♄		inferior conj	-11480 Aug 03 j 12:10	21°♄18'12	-0°54'57
direct	-11481 Aug 30 j 17:12	29°♄12'47		minimum elong	-11480 Aug 03 j 13:18	21°♄14'19	0°54'03
	-11481 Sep 03 j 02:17	0°♄		min. Earth dist.	-11480 Aug 03 j 13:49	21°♄12'30	0.67216 AU
morning max el	-11481 Sep 10 j 12:07	5°♄41'11	23°52'46	asc. node	-11480 Aug 06 j 10:42	17°♄25'44	
	-11481 Sep 29 j 06:56	0°♄		morning rise	-11480 Aug 08 j 19:56	15°♄00'12	
desc. node	-11481 Oct 07 j 01:49	11°♄50'54		direct	-11480 Aug 13 j 09:11	13°♄09'36	
morning set	-11481 Oct 15 j 16:17	25°♄53'57		morning max el	-11480 Aug 23 j 00:23	18°♄57'03	22°28'46
	-11481 Oct 18 j 01:39	0°♄			-11480 Sep 01 j 03:23	0°♄	
max. Earth dist.	-11481 Oct 19 j 22:18	3°♄15'15	1.39008 AU		-11480 Sep 21 j 11:52	0°♄	
				desc. node	-11480 Sep 22 j 22:46	2°♄18'25	
superior conj	-11481 Oct 27 j 04:42	16°♄30'29	-1°36'25	morning set	-11480 Sep 25 j 03:37	5°♄50'31	
minimum elong	-11481 Oct 27 j 03:08	16°♄23'07	1°35'53	max. Earth dist.	-11480 Sep 30 j 22:56	15°♄25'31	1.40974 AU
	-11481 Nov 03 j 04:57	0°♄					
evening rise	-11481 Nov 05 j 03:04	3°♄44'58		superior conj	-11480 Oct 08 j 13:30	28°♄37'53	-1°23'35
asc. node	-11481 Nov 16 j 12:36	24°♄03'50		minimum elong	-11480 Oct 08 j 10:00	28°♄22'14	1°22'42
	-11481 Nov 21 j 07:39	0°♄			-11480 Oct 09 j 07:50	0°♄	
evening max el	-11481 Nov 21 j 13:53	0°♄15'13	18°45'47	evening rise	-11480 Oct 18 j 15:30	17°♄11'45	
retrograde	-11481 Nov 29 j 17:17	4°♄11'49			-11480 Oct 25 j 15:27	0°♄	
evening set	-11481 Dec 02 j 05:09	3°♄51'04		asc. node	-11480 Nov 02 j 09:54	11°♄34'45	
	-11481 Dec 09 j 05:22	30°♄		evening max el	-11480 Nov 03 j 20:04	13°♄06'01	18°16'32
inferior conj	-11481 Dec 10 j 00:07	29°♄25'21	4°16'27	retrograde	-11480 Nov 11 j 02:29	16°♄45'14	
minimum elong	-11481 Dec 10 j 00:36	29°♄24'26	4°16'31	evening set	-11480 Nov 13 j 14:15	16°♄20'27	
min. Earth dist.	-11481 Dec 13 j 03:52	27°♄05'20	0.58283 AU	inferior conj	-11480 Nov 20 j 20:30	11°♄33'08	4°08'06
morning rise	-11481 Dec 17 j 18:10	24°♄18'22		minimum elong	-11480 Nov 20 j 18:04	11°♄38'22	4°08'06
direct	-11481 Dec 23 j 16:22	22°♄53'08		min. Earth dist.	-11480 Nov 24 j 00:07	8°♄51'36	0.60114 AU
desc. node	-11480 Jan 03 j 03:11	27°♄01'53		morning rise	-11480 Nov 27 j 20:23	6°♄05'41	
morning max el	-11480 Jan 06 j 17:38	0°♄07'15	25°54'38	direct	-11480 Dec 04 j 14:10	4°♄03'55	
	-11480 Jan 06 j 14:36	0°♄		morning max el	-11480 Dec 18 j 14:31	11°♄26'58	26°59'24
	-11480 Jan 27 j 15:36	0°♄		desc. node	-11480 Dec 19 j 23:52	12°♄49'48	
morning set	-11480 Feb 03 j 21:26	14°♄21'47			-11479 Jan 02 j 04:52	0°♄	
				morning set	-11479 Jan 18 j 07:17	29°♄18'52	
superior conj	-11480 Feb 10 j 20:41	29°♄22'58	-0°15'00		-11479 Jan 18 j 15:11	0°♄	
minimum elong	-11480 Feb 10 j 21:19	29°♄26'25	0°15'24				
behind sun begin	-11480 Feb 10 j 20:17	29°♄20'46		superior conj	-11479 Jan 25 j 08:33	14°♄26'55	-0°37'02
behind sun end	-11480 Feb 10 j 22:21	29°♄32'04		minimum elong	-11479 Jan 25 j 09:59	14°♄34'42	0°37'11
	-11480 Feb 11 j 03:28	0°♄		max. Earth dist.	-11479 Jan 25 j 00:41	13°♄43'53	1.32787 AU
max. Earth dist.	-11480 Feb 11 j 11:04	0°♄41'23	1.32901 AU	asc. node	-11479 Jan 29 j 07:33	23°♄03'46	
asc. node	-11480 Feb 12 j 10:17	2°♄47'40		evening rise	-11479 Feb 01 j 09:45	29°♄38'02	
evening rise	-11480 Feb 18 j 01:03	14°♄43'39			-11479 Feb 01 j 13:58	0°♄	
	-11480 Feb 25 j 21:42	0°♄			-11479 Feb 18 j 08:33	0°♄	
	-11480 Mar 17 j 11:38	0°♄		evening max el	-11479 Mar 01 j 16:11	13°♄48'35	25°58'26
evening max el	-11480 Mar 19 j 17:00	2°♄15'24	26°57'17	retrograde	-11479 Mar 15 j 18:45	21°♄05'24	
desc. node	-11480 Mar 31 j 03:36	9°♄24'36		desc. node	-11479 Mar 18 j 00:41	20°♄52'54	
retrograde	-11480 Apr 02 j 18:43	9°♄42'34		evening set	-11479 Mar 21 j 10:22	19°♄47'12	
evening set	-11480 Apr 09 j 06:10	7°♄49'22		min. Earth dist.	-11479 Mar 26 j 05:23	16°♄54'45	0.58540 AU
min. Earth dist.	-11480 Apr 13 j 06:06	4°♄58'37	0.60513 AU	inferior conj	-11479 Mar 29 j 11:44	14°♄29'04	-2°34'38
inferior conj	-11480 Apr 16 j 13:17	2°♄08'28	-3°14'43	minimum elong	-11479 Mar 29 j 08:08	14°♄35'48	2°34'31
minimum elong	-11480 Apr 16 j 11:07	2°♄13'09	3°15'02	morning rise	-11479 Apr 06 j 09:02	10°♄01'39	
	-11480 Apr 19 j 03:23	30°♄		direct	-11479 Apr 08 j 17:10	9°♄43'14	
morning rise	-11480 Apr 23 j 18:19	27°♄20'58		morning max el	-11479 Apr 16 j 17:13	13°♄32'41	18°37'36
direct	-11480 Apr 26 j 06:41	26°♄55'32		asc. node	-11479 Apr 27 j 06:42	28°♄42'22	
	-11480 May 02 j 22:15	0°♄			-11479 Apr 27 j 23:51	0°♄	
morning max el	-11480 May 03 j 08:41	0°♄24'25	18°10'05	morning set	-11479 May 02 j 23:32	9°♄24'43	
asc. node	-11480 May 10 j 09:47	9°♄43'44					

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11479 May 12 j 02:51	26° \approx 53'03	1°42'02		-11478 Apr 20 j 03:09	0° \approx	
minimum elong	-11479 May 12 j 00:24	26° \approx 41'34	1°41'31				
	-11479 May 13 j 19:12	0° \mathbb{X}		superior conj	-11478 Apr 25 j 05:24	10° \approx 05'35	1°27'11
max. Earth dist.	-11479 May 19 j 04:13	9° \mathbb{X} 40'22	1.39495 AU	minimum elong	-11478 Apr 25 j 02:22	9° \approx 50'44	1°26'21
evening rise	-11479 May 23 j 12:35	17° \mathbb{X} 09'57		max. Earth dist.	-11478 May 01 j 04:39	21° \approx 26'44	1.37649 AU
	-11479 May 31 j 09:07	0° \mathbb{Y}		evening rise	-11478 May 05 j 04:44	28° \approx 41'47	
desc. node	-11479 Jun 13 j 22:22	20° \mathbb{Y} 10'39			-11478 May 05 j 22:27	0° \mathbb{X}	
	-11479 Jun 21 j 08:41	0° \mathbb{Z}			-11478 May 24 j 17:16	0° \mathbb{Y}	
evening max el	-11479 Jun 27 j 15:22	7° \mathbb{Z} 07'17	23°45'42	desc. node	-11478 May 31 j 19:50	9° \mathbb{Y} 44'36	
retrograde	-11479 Jul 08 j 07:18	13° \mathbb{Z} 27'01		evening max el	-11478 Jun 10 j 01:01	20° \mathbb{Y} 28'25	25°05'30
evening set	-11479 Jul 13 j 13:03	11° \mathbb{Z} 11'43		retrograde	-11478 Jun 21 j 19:23	27° \mathbb{Y} 23'33	
inferior conj	-11479 Jul 18 j 18:25	4° \mathbb{Z} 56'11	-1°39'58	evening set	-11478 Jun 27 j 15:42	24° \mathbb{Y} 50'27	
minimum elong	-11479 Jul 18 j 20:18	4° \mathbb{Z} 49'44	1°39'00	min. Earth dist.	-11478 Jul 02 j 02:14	19° \mathbb{Y} 44'03	0.66821 AU
min. Earth dist.	-11479 Jul 18 j 09:13	5° \mathbb{Z} 27'42	0.67183 AU	inferior conj	-11478 Jul 02 j 23:08	18° \mathbb{Y} 34'35	-2°19'42
	-11479 Jul 22 j 17:34	30° \mathbb{R} \mathbb{Y}		minimum elong	-11478 Jul 03 j 01:28	18° \mathbb{Y} 26'53	2°18'53
morning rise	-11479 Jul 24 j 03:29	28° \mathbb{Y} 44'08		morning rise	-11478 Jul 08 j 11:13	12° \mathbb{Y} 31'44	
asc. node	-11479 Jul 24 j 07:34	28° \mathbb{Y} 36'28		asc. node	-11478 Jul 11 j 04:24	11° \mathbb{Y} 20'11	
direct	-11479 Jul 28 j 04:37	27° \mathbb{Y} 11'34		direct	-11478 Jul 12 j 02:10	11° \mathbb{Y} 15'31	
	-11479 Aug 03 j 07:06	0° \mathbb{Z}		morning max el	-11478 Jul 19 j 17:14	15° \mathbb{Y} 43'02	20°00'24
morning max el	-11479 Aug 05 j 17:39	2° \mathbb{Z} 17'07	21°09'26		-11478 Jul 30 j 14:30	0° \mathbb{Z}	
	-11479 Aug 26 j 01:58	0° \mathbb{I}		morning set	-11478 Aug 14 j 18:07	23° \mathbb{Z} 09'03	
morning set	-11479 Sep 04 j 15:28	14° \mathbb{I} 41'41			-11478 Aug 19 j 03:20	0° \mathbb{I}	
desc. node	-11479 Sep 09 j 19:50	22° \mathbb{I} 54'06		max. Earth dist.	-11478 Aug 26 j 16:36	11° \mathbb{I} 56'41	1.43942 AU
max. Earth dist.	-11479 Sep 13 j 04:56	28° \mathbb{I} 21'48	1.42697 AU	desc. node	-11478 Aug 27 j 16:58	13° \mathbb{I} 34'04	
	-11479 Sep 14 j 04:57	0° \mathbb{E}					
superior conj	-11479 Sep 19 j 22:37	9° \mathbb{E} 33'29	-0°58'26	superior conj	-11478 Aug 31 j 04:05	19° \mathbb{I} 08'51	-0°20'45
minimum elong	-11479 Sep 19 j 18:15	9° \mathbb{E} 15'02	0°57'19	minimum elong	-11478 Aug 31 j 01:54	19° \mathbb{I} 00'03	0°19'52
evening rise	-11479 Oct 01 j 14:38	29° \mathbb{E} 57'38			-11478 Sep 06 j 18:43	0° \mathbb{E}	
	-11479 Oct 01 j 15:10	0° \mathbb{O}		evening rise	-11478 Sep 13 j 19:24	11° \mathbb{E} 50'18	
evening max el	-11479 Oct 18 j 07:26	26° \mathbb{O} 15'55	18°07'07		-11478 Sep 24 j 16:24	0° \mathbb{O}	
asc. node	-11479 Oct 20 j 07:09	28° \mathbb{O} 00'19		evening max el	-11478 Oct 01 j 21:00	9° \mathbb{O} 38'02	18°16'34
retrograde	-11479 Oct 25 j 01:59	29° \mathbb{O} 48'30		asc. node	-11478 Oct 07 j 04:20	13° \mathbb{O} 04'17	
evening set	-11479 Oct 27 j 15:26	29° \mathbb{O} 17'58		retrograde	-11478 Oct 08 j 11:37	13° \mathbb{O} 13'14	
inferior conj	-11479 Nov 03 j 09:54	24° \mathbb{O} 09'56	3°38'31	evening set	-11478 Oct 11 j 04:58	12° \mathbb{O} 34'30	
minimum elong	-11479 Nov 03 j 06:13	24° \mathbb{O} 18'59	3°38'11	inferior conj	-11478 Oct 17 j 12:54	7° \mathbb{O} 08'04	2°56'20
min. Earth dist.	-11479 Nov 06 j 04:54	21° \mathbb{O} 26'41	0.61931 AU	minimum elong	-11478 Oct 17 j 09:15	7° \mathbb{O} 18'02	2°55'51
morning rise	-11479 Nov 09 j 19:50	18° \mathbb{O} 25'16		min. Earth dist.	-11478 Oct 19 j 19:33	4° \mathbb{O} 39'05	0.63554 AU
direct	-11479 Nov 16 j 21:16	15° \mathbb{O} 56'03		morning rise	-11478 Oct 23 j 12:44	1° \mathbb{O} 09'22	
morning max el	-11479 Nov 30 j 17:47	23° \mathbb{O} 25'57	27°31'40		-11478 Oct 25 j 04:58	30° \mathbb{R} \mathbb{E}	
desc. node	-11479 Dec 06 j 20:33	0° \mathbb{P} 08'48		direct	-11478 Oct 30 j 12:00	28° \mathbb{E} 26'28	
	-11479 Dec 06 j 17:40	0° \mathbb{P}			-11478 Nov 05 j 05:27	0° \mathbb{O}	
	-11479 Dec 26 j 07:22	0° \mathbb{A}		morning max el	-11478 Nov 13 j 01:35	5° \mathbb{O} 59'30	27°29'13
morning set	-11478 Jan 02 j 12:51	14° \mathbb{A} 00'57		desc. node	-11478 Nov 23 j 17:15	18° \mathbb{O} 32'45	
max. Earth dist.	-11478 Jan 08 j 12:04	26° \mathbb{A} 35'38	1.33009 AU		-11478 Dec 01 j 13:16	0° \mathbb{P}	
				morning set	-11478 Dec 17 j 11:37	28° \mathbb{P} 19'19	
superior conj	-11478 Jan 09 j 19:44	29° \mathbb{A} 27'05	-0°57'10		-11478 Dec 18 j 07:46	0° \mathbb{A}	
minimum elong	-11478 Jan 09 j 21:41	29° \mathbb{A} 37'41	0°57'08	max. Earth dist.	-11478 Dec 22 j 17:33	9° \mathbb{A} 04'44	1.33605 AU
	-11478 Jan 10 j 01:48	0° \mathbb{M}					
asc. node	-11478 Jan 16 j 04:51	13° \mathbb{M} 13'30		superior conj	-11478 Dec 25 j 04:25	14° \mathbb{A} 17'07	-1°14'34
evening rise	-11478 Jan 16 j 20:34	14° \mathbb{M} 36'22		minimum elong	-11478 Dec 25 j 06:33	14° \mathbb{A} 28'30	1°14'25
	-11478 Jan 24 j 16:06	0° \mathbb{J}		evening rise	-11477 Jan 01 j 07:49	29° \mathbb{A} 32'37	
evening max el	-11478 Feb 11 j 10:35	24° \mathbb{J} 51'20	24°36'18		-11477 Jan 01 j 13:03	0° \mathbb{M}	
	-11478 Feb 18 j 10:06	0° \mathbb{Z}		asc. node	-11477 Jan 03 j 02:10	3° \mathbb{M} 12'08	
retrograde	-11478 Feb 25 j 07:37	1° \mathbb{Z} 47'56			-11477 Jan 18 j 23:23	0° \mathbb{J}	
evening set	-11478 Mar 01 j 21:02	1° \mathbb{Z} 00'48		evening max el	-11477 Jan 24 j 04:11	5° \mathbb{J} 43'38	23°03'08
	-11478 Mar 04 j 07:31	30° \mathbb{R} \mathbb{J}		retrograde	-11477 Feb 06 j 07:46	12° \mathbb{J} 05'30	
desc. node	-11478 Mar 04 j 21:43	29° \mathbb{J} 42'06		evening set	-11477 Feb 09 j 20:54	11° \mathbb{J} 38'04	
min. Earth dist.	-11478 Mar 08 j 00:03	27° \mathbb{J} 53'40	0.56842 AU	min. Earth dist.	-11477 Feb 17 j 16:08	8° \mathbb{J} 05'00	0.55740 AU
inferior conj	-11478 Mar 10 j 14:34	26° \mathbb{J} 12'16	-1°24'25	inferior conj	-11477 Feb 18 j 23:11	7° \mathbb{J} 19'28	0°12'32
minimum elong	-11478 Mar 10 j 11:34	26° \mathbb{J} 17'08	1°24'11	minimum elong	-11477 Feb 18 j 23:42	7° \mathbb{J} 18'43	0°11'48
morning rise	-11478 Mar 19 j 05:17	22° \mathbb{J} 01'25		transit middle	-11477 Feb 18 j 23:42	7° \mathbb{J} 18'43	0°11'48
direct	-11478 Mar 21 j 09:48	21° \mathbb{J} 47'57		transit begin	-11477 Feb 18 j 21:00	7° \mathbb{J} 22'41	
morning max el	-11478 Mar 30 j 18:35	26° \mathbb{J} 13'17	19°24'47	transit end	-11477 Feb 19 j 02:23	7° \mathbb{J} 14'46	
	-11478 Apr 03 j 04:31	0° \mathbb{Z}		desc. node	-11477 Feb 19 j 18:40	6° \mathbb{J} 50'59	
asc. node	-11478 Apr 14 j 03:37	18° \mathbb{Z} 08'46		morning rise	-11477 Feb 28 j 04:13	3° \mathbb{J} 16'17	
morning set	-11478 Apr 16 j 21:24	23° \mathbb{Z} 31'40		direct	-11477 Mar 02 j 10:02	3° \mathbb{J} 04'03	
				morning max el	-11477 Mar 13 j 10:00	8° \mathbb{J} 17'31	20°31'23

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11477 Mar 28 j 00:39	0°♂		morning set	-11476 Mar 15 j 11:44	22°♂55'47	
morning set	-11477 Apr 01 j 02:18	8°♂04'53		asc. node	-11476 Mar 17 j 21:39	27°♂58'25	
asc. node	-11477 Apr 01 j 00:37	7°♂56'18			-11476 Mar 18 j 20:44	0°♂	
superior conj	-11477 Apr 08 j 20:26	23°♂59'18	1°07'35	superior conj	-11476 Mar 22 j 20:13	8°♂22'33	0°45'19
minimum elong	-11477 Apr 08 j 17:42	23°♂45'31	1°06'35	minimum elong	-11476 Mar 22 j 18:18	8°♂12'32	0°44'20
	-11477 Apr 11 j 20:25	0°♂		max. Earth dist.	-11476 Mar 26 j 03:43	15°♂13'13	1.34704 AU
max. Earth dist.	-11477 Apr 13 j 11:14	3°♂10'25	1.36019 AU	evening rise	-11476 Mar 31 j 00:32	24°♂53'00	
evening rise	-11477 Apr 17 j 18:38	11°♂22'00			-11476 Apr 02 j 17:17	0°♂	
	-11477 Apr 28 j 11:25	0°♂			-11476 Apr 20 j 22:57	0°♂	
desc. node	-11477 May 18 j 17:14	28°♂42'31		desc. node	-11476 May 04 j 14:36	16°♂49'23	
	-11477 May 19 j 20:11	0°♂		evening max el	-11476 May 04 j 22:08	17°♂07'58	27°03'34
evening max el	-11477 May 23 j 11:12	3°♂51'09	26°14'16	retrograde	-11476 May 18 j 05:03	24°♂38'33	
retrograde	-11477 Jun 05 j 02:50	11°♂09'43		evening set	-11476 May 25 j 00:20	21°♂52'05	
evening set	-11477 Jun 11 j 12:20	8°♂25'04		min. Earth dist.	-11476 May 28 j 19:46	18°♂02'58	0.64981 AU
min. Earth dist.	-11477 Jun 15 j 14:29	3°♂57'58	0.66098 AU	inferior conj	-11476 May 30 j 20:04	15°♂42'38	-3°16'46
inferior conj	-11477 Jun 17 j 00:26	2°♂11'16	-2°52'38	minimum elong	-11476 May 30 j 21:54	15°♂37'19	3°16'42
minimum elong	-11477 Jun 17 j 02:47	2°♂03'54	2°52'08	morning rise	-11476 Jun 05 j 19:50	10°♂07'15	
	-11477 Jun 18 j 19:16	30°♂		direct	-11476 Jun 08 j 20:06	9°♂17'33	
morning rise	-11477 Jun 22 j 17:19	26°♂20'42		asc. node	-11476 Jun 13 j 21:59	11°♂30'12	
direct	-11477 Jun 26 j 00:05	25°♂18'42		morning max el	-11476 Jun 15 j 09:45	12°♂52'37	18°26'52
asc. node	-11477 Jun 28 j 01:12	25°♂41'44			-11476 Jun 27 j 10:52	0°♂	
morning max el	-11477 Jul 02 j 23:02	29°♂15'27	19°05'28	morning set	-11476 Jul 04 j 20:49	12°♂13'28	
	-11477 Jul 03 j 15:52	0°♂			-11476 Jul 15 j 18:19	0°♂	
	-11477 Jul 23 j 23:24	0°♂		superior conj	-11476 Jul 19 j 10:59	5°♂54'52	1°06'57
morning set	-11477 Jul 25 j 07:46	2°♂08'35		minimum elong	-11476 Jul 19 j 17:31	6°♂20'57	1°06'38
max. Earth dist.	-11477 Aug 09 j 08:32	25°♂56'52	1.44553 AU	max. Earth dist.	-11476 Jul 22 j 01:33	10°♂03'41	1.44451 AU
superior conj	-11477 Aug 10 j 10:17	27°♂38'51	0°24'39	desc. node	-11476 Jul 31 j 11:28	24°♂54'40	
minimum elong	-11477 Aug 10 j 13:19	27°♂50'52	0°24'49		-11476 Aug 03 j 17:15	0°♂	
	-11477 Aug 11 j 21:54	0°♂		evening rise	-11476 Aug 05 j 01:52	2°♂07'55	
desc. node	-11477 Aug 14 j 14:10	4°♂15'15		greatest brilliancy	-11476 Aug 15 j 01:42	17°♂43'01	-0.8m
evening rise	-11477 Aug 26 j 00:13	22°♂36'24			-11476 Aug 23 j 09:26	0°♂	
	-11477 Aug 30 j 13:26	0°♂		evening max el	-11476 Aug 28 j 19:16	6°♂36'35	19°27'32
evening max el	-11477 Sep 15 j 09:52	23°♂06'30	18°43'44	retrograde	-11476 Sep 04 j 23:31	10°♂43'38	
retrograde	-11477 Sep 22 j 03:46	26°♂53'04		evening set	-11476 Sep 08 j 07:25	9°♂39'21	
asc. node	-11477 Sep 24 j 01:27	26°♂32'39		asc. node	-11476 Sep 09 j 22:30	8°♂22'33	
evening set	-11477 Sep 25 j 03:17	26°♂03'10		inferior conj	-11476 Sep 13 j 23:03	3°♂44'44	1°15'34
inferior conj	-11477 Oct 01 j 02:13	20°♂21'05	2°07'23	minimum elong	-11476 Sep 13 j 21:19	3°♂50'17	1°15'34
minimum elong	-11477 Sep 30 j 23:22	20°♂29'37	2°07'02	min. Earth dist.	-11476 Sep 15 j 04:28	2°♂10'32	0.65930 AU
min. Earth dist.	-11477 Oct 02 j 19:50	18°♂16'45	0.64898 AU		-11476 Sep 16 j 23:12	30°♂	
morning rise	-11477 Oct 06 j 18:55	14°♂11'34		morning rise	-11476 Sep 19 j 10:55	27°♂27'51	
direct	-11477 Oct 13 j 09:10	11°♂28'07		direct	-11476 Sep 25 j 12:17	24°♂53'33	
morning max el	-11477 Oct 26 j 11:28	18°♂57'18	26°55'10		-11476 Oct 05 j 14:55	0°♂	
	-11477 Nov 04 j 23:51	0°♂		morning max el	-11476 Oct 07 j 21:39	2°♂08'53	25°56'05
desc. node	-11477 Nov 10 j 13:56	7°♂42'25		desc. node	-11476 Oct 27 j 10:41	27°♂24'51	
	-11477 Nov 24 j 11:22	0°♂			-11476 Oct 29 j 03:19	0°♂	
morning set	-11477 Dec 01 j 00:19	12°♂02'37		morning set	-11476 Nov 12 j 22:53	24°♂59'16	
max. Earth dist.	-11477 Dec 05 j 13:50	21°♂02'36	1.34624 AU		-11476 Nov 15 j 15:21	0°♂	
				max. Earth dist.	-11476 Nov 16 j 23:32	2°♂33'30	1.36073 AU
superior conj	-11477 Dec 09 j 08:31	28°♂48'58	-1°28'16	superior conj	-11476 Nov 22 j 05:32	12°♂54'55	-1°36'59
minimum elong	-11477 Dec 09 j 10:22	28°♂58'35	1°28'04	minimum elong	-11476 Nov 22 j 06:32	12°♂59'55	1°36'44
	-11477 Dec 09 j 22:07	0°♂		evening rise	-11476 Nov 30 j 00:46	28°♂53'19	
evening rise	-11477 Dec 16 j 17:47	14°♂20'02			-11476 Nov 30 j 13:52	0°♂	
asc. node	-11477 Dec 20 j 23:29	22°♂53'25		asc. node	-11476 Dec 06 j 20:48	12°♂10'36	
	-11477 Dec 24 j 19:18	0°♂		evening max el	-11476 Dec 18 j 08:15	28°♂17'17	20°12'45
evening max el	-11476 Jan 06 j 01:58	16°♂46'31	21°31'51		-11476 Dec 20 j 08:36	0°♂	
retrograde	-11476 Jan 17 j 22:45	22°♂23'00		retrograde	-11476 Dec 28 j 15:36	3°♂07'47	
evening set	-11476 Jan 20 j 20:31	22°♂03'54		evening set	-11476 Dec 31 j 06:23	2°♂50'26	
inferior conj	-11476 Jan 29 j 21:07	18°♂03'01	1°57'20		-11475 Jan 06 j 22:03	30°♂	
minimum elong	-11476 Jan 30 j 01:49	17°♂56'19	1°55'29	inferior conj	-11475 Jan 08 j 21:27	28°♂49'19	3°21'32
min. Earth dist.	-11476 Jan 30 j 06:20	17°♂49'54	0.55452 AU	minimum elong	-11475 Jan 09 j 03:00	28°♂40'53	3°20'07
desc. node	-11476 Feb 06 j 15:30	14°♂18'55		min. Earth dist.	-11475 Jan 10 j 19:33	27°♂39'32	0.56027 AU
morning rise	-11476 Feb 08 j 06:48	13°♂53'39		morning rise	-11475 Jan 17 j 21:54	24°♂19'52	
direct	-11476 Feb 11 j 01:20	13°♂36'31		direct	-11475 Jan 21 j 18:51	23°♂46'47	
morning max el	-11476 Feb 23 j 13:58	19°♂40'08	21°55'35	desc. node	-11475 Jan 23 j 12:17	23°♂53'33	
	-11476 Mar 02 j 23:00	0°♂					

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11475 Feb 03 j 19:34	0°♌		morning max el	-11474 Jan 16 j 23:16	11°♏11'41	25°06'13
morning max el	-11475 Feb 04 j 08:30	0°♌30'21	23°31'09		-11474 Jan 31 j 07:16	0°♌	
	-11475 Feb 24 j 01:54	0°♏		morning set	-11474 Feb 12 j 12:07	23°♌02'26	
morning set	-11475 Feb 27 j 23:36	7°♏57'10			-11474 Feb 15 j 18:26	0°♏	
asc. node	-11475 Mar 04 j 18:45	18°♏10'09					
				superior conj	-11474 Feb 19 j 11:38	8°♏03'52	-0°01'44
superior conj	-11475 Mar 07 j 02:01	23°♏06'33	0°21'51	minimum elong	-11474 Feb 19 j 11:43	8°♏04'24	0°02'17
minimum elong	-11475 Mar 07 j 01:06	23°♏01'39	0°21'03	behind sun begin	-11474 Feb 19 j 06:42	7°♏37'10	
max. Earth dist.	-11475 Mar 09 j 05:48	27°♏41'48	1.33732 AU	behind sun end	-11474 Feb 19 j 16:44	8°♏31'37	
	-11475 Mar 10 j 08:06	0°♏		asc. node	-11474 Feb 19 j 15:57	8°♏27'20	
evening rise	-11475 Mar 14 j 17:51	9°♏00'32		max. Earth dist.	-11474 Feb 20 j 15:00	10°♏32'08	1.33100 AU
	-11475 Mar 26 j 04:04	0°♏		evening rise	-11474 Feb 26 j 19:10	23°♏33'39	
	-11475 Apr 17 j 05:14	0°♏			-11474 Mar 02 j 00:36	0°♏	
evening max el	-11475 Apr 17 j 08:19	0°♏07'31	27°26'11		-11474 Mar 19 j 23:55	0°♏	
desc. node	-11475 Apr 21 j 11:54	3°♏44'05		evening max el	-11474 Mar 30 j 15:41	12°♏39'07	27°17'23
retrograde	-11475 May 01 j 01:33	7°♏41'49		desc. node	-11474 Apr 08 j 09:08	18°♏58'22	
evening set	-11475 May 08 j 00:39	5°♏05'58		retrograde	-11474 Apr 13 j 15:34	20°♏11'08	
min. Earth dist.	-11475 May 11 j 16:28	1°♏48'55	0.63473 AU	evening set	-11474 Apr 20 j 09:59	17°♏59'17	
	-11475 May 13 j 10:08	30°♏		min. Earth dist.	-11474 Apr 24 j 04:13	15°♏02'57	0.61640 AU
inferior conj	-11475 May 14 j 07:22	29°♏03'43	-3°29'15	inferior conj	-11474 Apr 27 j 07:13	12°♏08'28	-3°26'00
minimum elong	-11475 May 14 j 08:03	29°♏01'55	3°29'36	minimum elong	-11474 Apr 27 j 06:10	12°♏10'56	3°26'27
morning rise	-11475 May 20 j 16:23	23°♏45'49		morning rise	-11474 May 04 j 04:08	7°♏09'42	
direct	-11475 May 23 j 11:25	23°♏06'45		direct	-11474 May 06 j 18:44	6°♏39'49	
morning max el	-11475 May 29 j 23:16	26°♏30'28	18°05'48	morning max el	-11474 May 13 j 13:05	10°♏03'29	18°03'07
asc. node	-11475 May 31 j 18:47	28°♏29'42		asc. node	-11474 May 18 j 15:38	16°♏25'30	
	-11475 Jun 01 j 23:39	0°♏			-11474 May 26 j 17:57	0°♏	
morning set	-11475 Jun 16 j 10:51	23°♏27'50		morning set	-11474 May 29 j 22:26	5°♏45'02	
	-11475 Jun 20 j 05:54	0°♏					
				superior conj	-11474 Jun 09 j 23:12	25°♏21'56	1°48'28
superior conj	-11475 Jun 29 j 03:46	14°♏58'47	1°35'53	minimum elong	-11474 Jun 10 j 00:33	25°♏27'46	1°48'21
minimum elong	-11475 Jun 29 j 08:49	15°♏19'35	1°35'41		-11474 Jun 12 j 16:13	0°♏	
max. Earth dist.	-11475 Jul 04 j 15:57	23°♏56'19	1.43665 AU	max. Earth dist.	-11474 Jun 17 j 01:06	7°♏18'21	1.42312 AU
	-11475 Jul 08 j 11:04	0°♏		evening rise	-11474 Jun 24 j 08:25	19°♏05'53	
evening rise	-11475 Jul 15 j 06:02	10°♏39'05			-11474 Jul 01 j 08:51	0°♏	
desc. node	-11475 Jul 18 j 08:51	15°♏28'23		desc. node	-11474 Jul 05 j 06:15	5°♏52'57	
	-11475 Jul 27 j 22:36	0°♏			-11474 Jul 22 j 16:36	0°♏	
evening max el	-11475 Aug 11 j 22:52	20°♏03'39	20°26'32	evening max el	-11474 Jul 25 j 19:36	3°♏27'02	21°38'12
retrograde	-11475 Aug 19 j 20:19	24°♏40'22		retrograde	-11474 Aug 03 j 16:18	8°♏41'14	
evening set	-11475 Aug 23 j 14:47	23°♏18'34		evening set	-11474 Aug 07 j 23:20	6°♏59'24	
asc. node	-11475 Aug 27 j 19:29	18°♏52'32		inferior conj	-11474 Aug 13 j 06:03	0°♏49'00	-0°27'08
inferior conj	-11475 Aug 29 j 01:00	17°♏14'36	0°23'25	minimum elong	-11474 Aug 13 j 06:37	0°♏47'04	0°26'23
minimum elong	-11475 Aug 29 j 00:28	17°♏16'24	0°23'49	min. Earth dist.	-11474 Aug 13 j 13:47	0°♏22'21	0.67099 AU
min. Earth dist.	-11475 Aug 29 j 19:14	16°♏13'17	0.66658 AU		-11474 Aug 13 j 20:17	30°♏	
morning rise	-11475 Sep 03 j 09:56	10°♏54'05		asc. node	-11474 Aug 14 j 16:27	28°♏51'34	
direct	-11475 Sep 08 j 20:57	8°♏34'49		morning rise	-11474 Aug 18 j 13:46	24°♏28'49	
morning max el	-11475 Sep 20 j 07:27	15°♏24'13	24°40'17	direct	-11474 Aug 23 j 10:40	22°♏27'21	
	-11475 Oct 02 j 08:21	0°♏		morning max el	-11474 Sep 02 j 18:01	28°♏39'31	23°16'44
desc. node	-11475 Oct 14 j 07:30	17°♏29'50			-11474 Sep 04 j 00:38	0°♏	
	-11475 Oct 22 j 01:15	0°♏			-11474 Sep 26 j 03:13	0°♏	
morning set	-11475 Oct 26 j 02:09	6°♏54'46		desc. node	-11474 Oct 01 j 04:24	7°♏50'40	
max. Earth dist.	-11475 Oct 30 j 00:32	13°♏55'23	1.37875 AU	morning set	-11474 Oct 07 j 04:55	17°♏36'24	
				max. Earth dist.	-11474 Oct 11 j 22:48	25°♏38'36	1.39857 AU
superior conj	-11475 Nov 05 j 16:06	26°♏24'41	-1°39'03		-11474 Oct 14 j 10:41	0°♏	
minimum elong	-11475 Nov 05 j 15:37	26°♏22'22	1°38'39				
	-11475 Nov 07 j 12:18	0°♏		superior conj	-11474 Oct 19 j 11:53	9°♏06'31	-1°32'21
evening rise	-11475 Nov 14 j 02:39	13°♏05'57		minimum elong	-11474 Oct 19 j 09:28	8°♏55'23	1°31'41
	-11475 Nov 23 j 04:32	0°♏		evening rise	-11474 Oct 28 j 20:54	26°♏51'39	
asc. node	-11475 Nov 23 j 18:06	0°♏55'12			-11474 Oct 30 j 12:18	0°♏	
evening max el	-11475 Dec 01 j 00:50	10°♏22'27	19°11'45	asc. node	-11474 Nov 10 j 15:25	18°♏56'53	
retrograde	-11475 Dec 09 j 21:07	14°♏35'14		evening max el	-11474 Nov 14 j 02:51	22°♏59'16	18°30'55
evening set	-11475 Dec 12 j 09:20	14°♏16'23		retrograde	-11474 Nov 21 j 20:10	26°♏46'47	
inferior conj	-11475 Dec 20 j 11:49	10°♏02'03	4°07'32	evening set	-11474 Nov 24 j 07:46	26°♏24'35	
minimum elong	-11475 Dec 20 j 14:29	9°♏57'28	4°07'14	inferior conj	-11474 Dec 01 j 21:16	21°♏50'09	4°16'11
min. Earth dist.	-11475 Dec 23 j 09:30	8°♏03'03	0.57316 AU	minimum elong	-11474 Dec 01 j 20:19	21°♏52'01	4°16'17
morning rise	-11475 Dec 28 j 17:28	5°♏07'42		min. Earth dist.	-11474 Dec 05 j 02:36	19°♏18'05	0.59047 AU
direct	-11474 Jan 02 j 23:00	4°♏04'05		morning rise	-11474 Dec 09 j 07:04	16°♏33'57	
desc. node	-11474 Jan 10 j 09:01	6°♏10'22		direct	-11474 Dec 15 j 15:15	14°♏52'08	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

desc. node	-11474 Dec 28 j 05:43	20° \mathbb{M} 51'06	direct	-11473 Nov 27 j 17:26	26° \mathbb{Q} 21'41	
morning max el	-11474 Dec 29 j 16:33	22° \mathbb{M} 11'15	26°25'45	-11473 Dec 07 j 04:25	0° \mathbb{M}	
	-11473 Jan 05 j 15:25	0° \mathbb{L}	morning max el	-11473 Dec 11 j 16:02	3° \mathbb{M} 47'19	27°17'21
	-11473 Jan 24 j 00:09	0° \mathbb{M}	desc. node	-11473 Dec 15 j 02:23	7° \mathbb{M} 21'49	
morning set	-11473 Jan 27 j 23:27	8° \mathbb{M} 04'20		-11473 Dec 31 j 02:50	0° \mathbb{L}	
			morning set	-11472 Jan 12 j 07:44	22° \mathbb{L} 56'11	
superior conj	-11473 Feb 03 j 23:09	23° \mathbb{M} 07'19	-0°24'32	-11472 Jan 15 j 16:17	0° \mathbb{M}	
minimum elong	-11473 Feb 04 j 00:09	23° \mathbb{M} 12'46	0°24'49	max. Earth dist.	-11472 Jan 18 j 17:06	6° \mathbb{M} 33'31 1.32840 AU
max. Earth dist.	-11473 Feb 04 j 03:56	23° \mathbb{M} 33'23	1.32804 AU			
asc. node	-11473 Feb 06 j 13:07	28° \mathbb{M} 44'49		superior conj	-11472 Jan 19 j 10:57	8° \mathbb{M} 10'47 -0°45'50
	-11473 Feb 07 j 03:01	0° \mathbb{X}	minimum elong	-11472 Jan 19 j 12:38	8° \mathbb{M} 19'59	0°45'55
evening rise	-11473 Feb 11 j 01:47	8° \mathbb{X} 22'38		asc. node	-11472 Jan 24 j 10:23	18° \mathbb{M} 59'03
	-11473 Feb 22 j 12:10	0° \mathbb{Z}	evening rise	-11472 Jan 26 j 11:38	23° \mathbb{M} 20'06	
evening max el	-11473 Mar 12 j 18:18	24° \mathbb{Z} 34'31	26°35'54	-11472 Jan 29 j 17:46	0° \mathbb{X}	
	-11473 Mar 19 j 21:20	0° \mathbb{A}		-11472 Feb 17 j 05:36	0° \mathbb{Z}	
desc. node	-11473 Mar 26 j 06:18	1° \mathbb{A} 57'27		evening max el	-11472 Feb 22 j 15:25	5° \mathbb{Z} 53'55 25°25'48
retrograde	-11473 Mar 26 j 21:22	1° \mathbb{A} 58'28		retrograde	-11472 Mar 07 j 16:33	13° \mathbb{Z} 02'47
evening set	-11473 Apr 02 j 01:12	0° \mathbb{A} 20'18		desc. node	-11472 Mar 12 j 03:23	12° \mathbb{Z} 15'53
	-11473 Apr 02 j 16:04	30° \mathbb{R} \mathbb{Z}		evening set	-11472 Mar 12 j 21:23	11° \mathbb{Z} 59'03
min. Earth dist.	-11473 Apr 06 j 07:44	27° \mathbb{Z} 30'16	0.59652 AU	min. Earth dist.	-11472 Mar 18 j 04:47	9° \mathbb{Z} 01'46 0.57768 AU
inferior conj	-11473 Apr 09 j 15:58	24° \mathbb{Z} 47'48	-3°01'14	inferior conj	-11472 Mar 21 j 06:14	6° \mathbb{Z} 53'12 -2°08'41
minimum elong	-11473 Apr 09 j 13:04	24° \mathbb{Z} 53'44	3°01'23	minimum elong	-11472 Mar 21 j 02:33	6° \mathbb{Z} 59'42 2°08'24
morning rise	-11473 Apr 17 j 03:36	20° \mathbb{Z} 08'48		morning rise	-11472 Mar 29 j 10:55	2° \mathbb{Z} 33'08
direct	-11473 Apr 19 j 14:02	19° \mathbb{Z} 46'39		direct	-11472 Mar 31 j 17:26	2° \mathbb{Z} 17'02
morning max el	-11473 Apr 27 j 00:19	23° \mathbb{Z} 22'57	18°19'23	morning max el	-11472 Apr 09 j 06:03	6° \mathbb{Z} 20'00 18°55'12
	-11473 May 02 j 08:26	0° \mathbb{A}		asc. node	-11472 Apr 21 j 09:24	24° \mathbb{Z} 15'21
asc. node	-11473 May 05 j 12:30	5° \mathbb{A} 04'04		-11472 Apr 24 j 09:53	0° \mathbb{A}	
morning set	-11473 May 13 j 02:37	18° \mathbb{A} 53'07		morning set	-11472 Apr 25 j 19:04	2° \mathbb{A} 41'22
	-11473 May 19 j 00:27	0° \mathbb{X}				
superior conj	-11473 May 22 j 20:07	7° \mathbb{X} 01'28	1°47'21	superior conj	-11472 May 04 j 13:22	19° \mathbb{A} 44'06 1°36'29
minimum elong	-11473 May 22 j 18:36	6° \mathbb{X} 54'33	1°47'01	minimum elong	-11472 May 04 j 10:31	19° \mathbb{A} 30'32 1°35'49
max. Earth dist.	-11473 May 30 j 04:38	19° \mathbb{X} 59'46	1.40577 AU	max. Earth dist.	-11472 May 11 j 05:10	2° \mathbb{X} 03'23 1.38700 AU
evening rise	-11473 Jun 04 j 06:09	28° \mathbb{X} 29'28		evening rise	-11472 May 15 j 07:17	9° \mathbb{X} 15'04
	-11473 Jun 05 j 04:14	0° \mathbb{Y}		-11472 May 28 j 01:41	0° \mathbb{Y}	
desc. node	-11473 Jun 22 j 03:43	26° \mathbb{Y} 03'16		desc. node	-11472 Jun 08 j 01:11	15° \mathbb{Y} 52'54
	-11473 Jun 24 j 22:30	0° \mathbb{B}		-11472 Jun 19 j 17:24	0° \mathbb{B}	
evening max el	-11473 Jul 08 j 10:08	16° \mathbb{B} 47'51	22°58'19	evening max el	-11472 Jun 19 j 20:46	0° \mathbb{B} 08'26 24°20'27
retrograde	-11473 Jul 18 j 09:55	22° \mathbb{B} 43'31		retrograde	-11472 Jul 01 j 00:08	6° \mathbb{B} 43'35
evening set	-11473 Jul 23 j 07:07	20° \mathbb{B} 40'23		evening set	-11472 Jul 06 j 12:13	4° \mathbb{B} 20'12
inferior conj	-11473 Jul 28 j 12:23	14° \mathbb{B} 26'15	-1°14'36	-11472 Jul 10 j 07:53	30° \mathbb{R} \mathbb{Y}	
minimum elong	-11473 Jul 28 j 13:52	14° \mathbb{B} 21'09	1°13'38	min. Earth dist.	-11472 Jul 11 j 04:11	28° \mathbb{Y} 52'01 0.67076 AU
min. Earth dist.	-11473 Jul 28 j 09:35	14° \mathbb{B} 35'55	0.67244 AU	inferior conj	-11472 Jul 11 j 18:12	28° \mathbb{Y} 04'32 -1°57'34
asc. node	-11473 Aug 01 j 13:22	9° \mathbb{B} 21'26		minimum elong	-11472 Jul 11 j 20:18	27° \mathbb{Y} 57'22 1°56'37
morning rise	-11473 Aug 02 j 20:30	8° \mathbb{B} 10'11		morning rise	-11472 Jul 17 j 04:20	21° \mathbb{Y} 56'09
direct	-11473 Aug 07 j 04:27	6° \mathbb{B} 27'10		asc. node	-11472 Jul 18 j 10:14	21° \mathbb{Y} 09'35
morning max el	-11473 Aug 16 j 08:00	11° \mathbb{B} 56'29	21°53'57	direct	-11472 Jul 21 j 01:00	20° \mathbb{Y} 30'38
	-11473 Aug 30 j 09:07	0° \mathbb{I}		morning max el	-11472 Jul 29 j 03:49	25° \mathbb{Y} 18'43 20°38'34
morning set	-11473 Sep 17 j 05:18	27° \mathbb{I} 02'14		-11472 Aug 02 j 05:03	0° \mathbb{B}	
desc. node	-11473 Sep 18 j 01:23	28° \mathbb{I} 22'19		-11472 Aug 22 j 19:51	0° \mathbb{I}	
	-11473 Sep 19 j 01:45	0° \mathbb{C}		morning set	-11472 Aug 26 j 10:54	5° \mathbb{I} 36'54
max. Earth dist.	-11473 Sep 24 j 01:15	8° \mathbb{C} 08'01	1.41755 AU	desc. node	-11472 Sep 03 j 22:27	19° \mathbb{I} 00'14
				max. Earth dist.	-11472 Sep 05 j 10:25	21° \mathbb{I} 24'56 1.43302 AU
superior conj	-11473 Oct 01 j 11:24	20° \mathbb{C} 46'03	-1°14'30	-11472 Sep 10 j 16:32	0° \mathbb{C}	
minimum elong	-11473 Oct 01 j 07:18	20° \mathbb{C} 28'08	1°13'30			
	-11473 Oct 06 j 16:09	0° \mathbb{Q}		superior conj	-11472 Sep 11 j 09:00	1° \mathbb{C} 08'15 -0°43'51
evening rise	-11473 Oct 12 j 04:13	10° \mathbb{Q} 02'37		minimum elong	-11472 Sep 11 j 05:06	0° \mathbb{C} 52'05 0°42'45
	-11473 Oct 23 j 16:47	0° \mathbb{M}		evening rise	-11472 Sep 23 j 20:14	22° \mathbb{C} 27'56
evening max el	-11473 Oct 28 j 11:43	6° \mathbb{M} 00'09	18°10'13	-11472 Sep 28 j 03:41	0° \mathbb{Q}	
asc. node	-11473 Oct 28 j 12:42	6° \mathbb{M} 02'35		evening max el	-11472 Oct 11 j 00:23	19° \mathbb{Q} 16'14 18°08'50
retrograde	-11473 Nov 04 j 11:49	9° \mathbb{M} 34'55		asc. node	-11472 Oct 14 j 09:56	21° \mathbb{Q} 55'49
evening set	-11473 Nov 07 j 00:13	9° \mathbb{M} 07'47		retrograde	-11472 Oct 17 j 16:13	22° \mathbb{Q} 48'46
inferior conj	-11473 Nov 14 j 01:19	4° \mathbb{M} 11'33	3°57'33	evening set	-11472 Oct 20 j 07:08	22° \mathbb{Q} 14'56
minimum elong	-11473 Nov 13 j 22:09	4° \mathbb{M} 18'45	3°57'24	inferior conj	-11472 Oct 26 j 20:55	16° \mathbb{Q} 58'26 3°21'44
min. Earth dist.	-11473 Nov 17 j 02:04	1° \mathbb{M} 27'05	0.60906 AU	minimum elong	-11472 Oct 26 j 17:07	17° \mathbb{Q} 08'13 3°21'18
	-11473 Nov 18 j 20:04	30° \mathbb{R} \mathbb{Q}		min. Earth dist.	-11472 Oct 29 j 10:44	14° \mathbb{Q} 20'00 0.62656 AU
morning rise	-11473 Nov 20 j 18:47	28° \mathbb{Q} 36'46		morning rise	-11472 Nov 02 j 02:10	11° \mathbb{Q} 07'32

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

direct	-11472 Nov 09 j 03:39	8°Ω31'11		morning rise	-11471 Oct 16 j 01:11	24°Ω00'13	
morning max el	-11472 Nov 22 j 21:33	16°Ω02'11	27°34'49	direct	-11471 Oct 22 j 21:03	21°Ω15'51	
desc. node	-11472 Nov 30 j 23:02	25°Ω11'02		morning max el	-11471 Nov 05 j 06:47	28°Ω48'35	27°18'14
	-11472 Dec 04 j 13:15	0°൬			-11471 Nov 06 j 11:14	0°Ω	
	-11472 Dec 22 j 15:30	0°Ω		desc. node	-11471 Nov 17 j 19:42	13°Ω56'18	
morning set	-11472 Dec 26 j 10:43	7°Ω29'08			-11471 Nov 28 j 07:36	0°൬	
max. Earth dist.	-11471 Jan 01 j 02:36	19°Ω17'49	1.33222 AU	morning set	-11471 Dec 10 j 05:39	21°൬34'04	
					-11471 Dec 14 j 10:18	0°Ω	
superior conj	-11471 Jan 02 j 21:15	23°Ω07'10	-1°04'55	max. Earth dist.	-11471 Dec 15 j 04:39	1°Ω34'41	1.33991 AU
minimum elong	-11471 Jan 02 j 23:20	23°Ω18'23	1°04'50				
	-11471 Jan 06 j 01:34	0°൬		superior conj	-11471 Dec 18 j 04:14	7°Ω50'04	-1°20'54
evening rise	-11471 Jan 09 j 22:50	8°൬18'17		minimum elong	-11471 Dec 18 j 06:19	8°Ω01'02	1°20'44
asc. node	-11471 Jan 10 j 07:41	9°൬04'41		evening rise	-11471 Dec 25 j 09:44	23°Ω11'16	
	-11471 Jan 21 j 10:17	0°൬		asc. node	-11471 Dec 28 j 05:00	28°Ω56'34	
evening max el	-11471 Feb 03 j 08:45	16°൬48'39	23°57'07		-11471 Dec 28 j 17:41	0°൬	
retrograde	-11471 Feb 16 j 23:35	23°൬32'04		evening max el	-11470 Jan 16 j 03:12	27°൬41'44	22°23'11
evening set	-11471 Feb 21 j 02:15	22°൬54'37			-11470 Jan 18 j 20:45	0°൬	
desc. node	-11471 Feb 27 j 00:21	20°൬10'11		retrograde	-11470 Jan 28 j 19:21	3°൬45'53	
min. Earth dist.	-11471 Feb 27 j 21:46	19°൬38'12	0.56289 AU	evening set	-11470 Feb 01 j 00:34	3°൬23'07	
inferior conj	-11471 Mar 02 j 00:43	18°൬19'41	-0°45'47		-11470 Feb 08 j 18:57	30°൬൬	
minimum elong	-11471 Mar 01 j 22:54	18°൬22'30	0°45'51	min. Earth dist.	-11470 Feb 09 j 12:51	29°൬34'27	0.55508 AU
morning rise	-11471 Mar 10 j 22:18	14°൬13'51		inferior conj	-11470 Feb 10 j 03:20	29°൬13'40	0°57'49
direct	-11471 Mar 13 j 02:38	14°൬01'22		minimum elong	-11470 Feb 10 j 05:47	29°൬10'08	0°56'30
morning max el	-11471 Mar 23 j 03:23	18°൬45'30	19°50'51	desc. node	-11470 Feb 13 j 21:14	27°൬10'25	
	-11471 Mar 31 j 17:20	0°Ω		morning rise	-11470 Feb 19 j 11:58	25°൬10'01	
asc. node	-11471 Apr 08 j 06:21	13°Ω51'29		direct	-11470 Feb 21 j 21:11	24°൬56'51	
morning set	-11471 Apr 09 j 20:13	17°Ω00'26			-11470 Mar 05 j 00:09	0°൬	
	-11471 Apr 16 j 06:31	0°Ω		morning max el	-11470 Mar 05 j 14:02	0°൬32'07	21°05'27
					-11470 Mar 24 j 07:21	0°Ω	
superior conj	-11471 Apr 17 j 21:42	3°Ω15'36	1°19'19	morning set	-11470 Mar 25 j 03:16	1°Ω41'44	
minimum elong	-11471 Apr 17 j 18:43	3°Ω00'47	1°18'23	asc. node	-11470 Mar 26 j 03:20	3°Ω45'42	
max. Earth dist.	-11471 Apr 23 j 07:43	13°Ω46'04	1.36918 AU				
evening rise	-11471 Apr 27 j 09:19	21°Ω17'30		superior conj	-11470 Apr 01 j 16:49	17°Ω23'05	0°58'21
	-11471 May 02 j 08:01	0°൬		minimum elong	-11470 Apr 01 j 14:24	17°Ω10'40	0°57'21
	-11471 May 21 j 22:04	0°൬		max. Earth dist.	-11470 Apr 05 j 17:53	25°Ω34'08	1.35408 AU
desc. node	-11471 May 25 j 22:38	5°൬13'11			-11470 Apr 08 j 00:04	0°Ω	
evening max el	-11471 Jun 02 j 06:19	13°൬30'22	25°36'36	evening rise	-11470 Apr 10 j 06:36	4°Ω20'52	
retrograde	-11471 Jun 14 j 10:14	20°൬36'55			-11470 Apr 25 j 04:13	0°൬	
evening set	-11471 Jun 20 j 12:36	17°൬57'37		desc. node	-11470 May 12 j 20:02	23°൬51'32	
min. Earth dist.	-11471 Jun 24 j 19:18	13°൬08'13	0.66559 AU	evening max el	-11470 May 15 j 16:36	26°൬50'39	26°38'08
inferior conj	-11471 Jun 25 j 21:41	11°൬42'29	-2°34'38		-11470 May 19 j 04:42	0°൬	
minimum elong	-11471 Jun 26 j 00:04	11°൬34'42	2°33'55	retrograde	-11470 May 28 j 15:41	4°൬16'34	
morning rise	-11471 Jul 01 j 11:35	5°൬44'48		evening set	-11470 Jun 04 j 05:52	1°൬29'29	
direct	-11471 Jul 04 j 22:49	4°൬34'58			-11470 Jun 05 j 19:43	30°൬൬	
asc. node	-11471 Jul 05 j 07:02	4°൬35'38		min. Earth dist.	-11470 Jun 08 j 04:46	27°൬19'06	0.65664 AU
morning max el	-11471 Jul 12 j 06:15	8°൬48'10	19°35'17	inferior conj	-11470 Jun 09 j 20:48	25°൬17'01	-3°04'07
	-11471 Jul 27 j 13:06	0°Ω		minimum elong	-11470 Jun 09 j 23:00	25°൬10'19	3°03'49
morning set	-11471 Aug 05 j 16:06	14°Ω12'54		morning rise	-11470 Jun 15 j 16:22	19°൬32'46	
	-11471 Aug 15 j 17:12	0°Ω		direct	-11470 Jun 18 j 20:04	18°൬36'26	
max. Earth dist.	-11471 Aug 19 j 00:38	5°Ω14'33	1.44284 AU	asc. node	-11470 Jun 22 j 03:49	19°൬35'36	
desc. node	-11471 Aug 21 j 19:37	9°Ω41'26		morning max el	-11470 Jun 25 j 14:24	22°൬23'05	18°47'01
					-11470 Jul 01 j 15:06	0°൬	
superior conj	-11471 Aug 22 j 03:18	10°Ω12'07	-0°01'56	morning set	-11470 Jul 16 j 14:45	23°൬37'17	
minimum elong	-11471 Aug 22 j 03:08	10°Ω11'27	0°01'19		-11470 Jul 20 j 13:52	0°Ω	
behind sun begin	-11471 Aug 21 j 16:06	9°Ω27'20					
behind sun end	-11471 Aug 22 j 14:10	10°Ω55'37		superior conj	-11470 Aug 01 j 04:16	18°Ω27'53	0°43'43
	-11471 Sep 03 j 07:03	0°Ω		minimum elong	-11470 Aug 01 j 09:20	18°Ω47'56	0°43'35
evening rise	-11471 Sep 05 j 15:35	3°Ω54'54		max. Earth dist.	-11470 Aug 01 j 16:55	19°Ω17'54	1.44589 AU
	-11471 Sep 22 j 05:30	0°Ω			-11470 Aug 08 j 11:16	0°Ω	
evening max el	-11471 Sep 24 j 13:57	2°Ω41'39	18°25'53	desc. node	-11470 Aug 08 j 16:54	0°Ω22'18	
retrograde	-11471 Oct 01 j 05:12	6°Ω20'59		evening rise	-11470 Aug 17 j 08:50	14°Ω09'00	
asc. node	-11471 Oct 01 j 07:05	6°Ω20'57			-11470 Aug 27 j 08:09	0°Ω	
evening set	-11471 Oct 04 j 00:49	5°Ω37'55		evening max el	-11470 Sep 08 j 01:35	16°Ω11'06	19°00'24
inferior conj	-11471 Oct 10 j 04:43	0°Ω04'12	2°36'08	retrograde	-11470 Sep 14 j 23:15	20°Ω05'35	
minimum elong	-11471 Oct 10 j 01:21	0°Ω13'49	2°35'41	evening set	-11470 Sep 18 j 01:56	19°Ω10'10	
	-11471 Oct 10 j 06:11	30°൬Ω		asc. node	-11470 Sep 18 j 04:10	19°Ω06'50	
min. Earth dist.	-11471 Oct 12 j 05:43	27°Ω44'50	0.64164 AU	inferior conj	-11470 Sep 23 j 21:34	13°Ω22'29	1°45'38

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

minimum elong	-11470 Sep 23 j 19:10	13°☿29'53	1°45'24	minimum elong	-11469 Sep 07 j 19:36	26°♄52'55	0°53'32
min. Earth dist.	-11470 Sep 25 j 09:56	11°☿30'11	0.65372 AU	min. Earth dist.	-11469 Sep 08 j 21:28	25°♄28'14	0.66276 AU
morning rise	-11470 Sep 29 j 11:55	7°☿09'08		morning rise	-11469 Sep 13 j 07:13	20°♄30'06	
direct	-11470 Oct 05 j 21:00	4°☿28'22		direct	-11469 Sep 19 j 02:41	18°♄01'20	
morning max el	-11470 Oct 18 j 17:03	11°☿53'59	26°32'34	morning max el	-11469 Oct 01 j 02:48	25°♄07'08	25°25'18
	-11470 Nov 02 j 08:56	0°♄			-11469 Oct 05 j 14:05	0°☿	
desc. node	-11470 Nov 04 j 16:25	3°♄21'27		desc. node	-11469 Oct 22 j 13:11	23°☿14'33	
	-11470 Nov 20 j 20:18	0°♄			-11469 Oct 26 j 20:32	0°♄	
morning set	-11470 Nov 23 j 12:58	4°♄59'58		morning set	-11469 Nov 06 j 04:00	17°♄32'36	
max. Earth dist.	-11470 Nov 27 j 20:16	13°♄19'25	1.35185 AU	max. Earth dist.	-11469 Nov 10 j 01:24	24°♄41'52	1.36800 AU
	-11469 Nov 12 j 20:14	0°♄			-11469 Nov 12 j 20:14	0°♄	
superior conj	-11470 Dec 02 j 05:43	22°♄12'32	-1°32'41	superior conj	-11469 Nov 15 j 22:47	6°♄05'02	-1°38'49
minimum elong	-11470 Dec 02 j 07:16	22°♄20'33	1°32'27	minimum elong	-11469 Nov 15 j 23:14	6°♄07'14	1°38'30
	-11470 Dec 05 j 23:40	0°♄			-11469 Nov 15 j 23:14	6°♄07'14	1°38'30
evening rise	-11470 Dec 09 j 18:40	7°♄53'41		evening rise	-11469 Nov 23 j 23:46	22°♄19'12	
asc. node	-11470 Dec 15 j 02:18	18°♄28'50			-11469 Nov 27 j 20:50	0°♄	
	-11470 Dec 21 j 20:29	0°♄		asc. node	-11469 Dec 01 j 23:38	7°♄33'38	
evening max el	-11470 Dec 29 j 04:21	8°♄56'14	20°56'18	evening max el	-11469 Dec 11 j 15:11	20°♄42'39	19°44'29
retrograde	-11469 Jan 09 j 09:47	14°♄12'33		retrograde	-11469 Dec 21 j 06:34	25°♄15'07	
evening set	-11469 Jan 12 j 03:29	13°♄54'58		evening set	-11469 Dec 23 j 20:07	24°♄57'19	
inferior conj	-11469 Jan 21 j 00:46	9°♄56'17	2°37'03	inferior conj	-11468 Jan 01 j 06:02	20°♄52'07	3°46'00
minimum elong	-11469 Jan 21 j 06:23	9°♄48'08	2°35'12	minimum elong	-11468 Jan 01 j 10:40	20°♄44'44	3°45'04
min. Earth dist.	-11469 Jan 22 j 02:57	9°♄18'18	0.55591 AU	min. Earth dist.	-11468 Jan 03 j 16:19	19°♄19'54	0.56506 AU
morning rise	-11469 Jan 30 j 08:05	5°♄39'11		morning rise	-11468 Jan 09 j 23:10	16°♄12'14	
desc. node	-11469 Jan 31 j 18:02	5°♄23'52		direct	-11468 Jan 14 j 10:19	15°♄27'31	
direct	-11469 Feb 02 j 12:17	5°♄16'56		desc. node	-11468 Jan 18 j 14:47	16°♄07'45	
morning max el	-11469 Feb 15 j 13:40	11°♄40'17	22°35'23	morning max el	-11468 Jan 28 j 05:35	22°♄23'03	24°12'23
	-11469 Feb 28 j 23:49	0°♄			-11468 Feb 03 j 21:48	0°♄	
morning set	-11469 Mar 09 j 13:59	16°♄38'24			-11468 Feb 21 j 06:44	0°♄	
asc. node	-11469 Mar 13 j 00:24	23°♄52'57		morning set	-11468 Feb 22 j 02:23	1°♄42'28	
	-11469 Mar 15 j 21:26	0°♄		asc. node	-11468 Feb 27 j 21:33	14°♄07'35	
superior conj	-11469 Mar 16 j 19:31	1°♄56'56	0°35'26	superior conj	-11468 Feb 29 j 03:12	16°♄47'37	0°11'49
minimum elong	-11469 Mar 16 j 18:01	1°♄48'59	0°34'31	minimum elong	-11468 Feb 29 j 02:43	16°♄45'01	0°11'07
max. Earth dist.	-11469 Mar 19 j 14:31	7°♄47'41	1.34246 AU	behind sun begin	-11468 Feb 28 j 23:04	16°♄25'16	
evening rise	-11469 Mar 24 j 17:55	18°♄09'56		behind sun end	-11468 Feb 29 j 06:23	17°♄04'46	
	-11469 Mar 31 j 01:15	0°♄		max. Earth dist.	-11468 Mar 01 j 20:10	20°♄27'25	1.33430 AU
	-11469 Apr 19 j 09:29	0°♄			-11468 Mar 06 j 09:29	0°♄	
evening max el	-11469 Apr 28 j 03:30	10°♄02'03	27°16'51	evening rise	-11468 Mar 07 j 15:04	2°♄30'09	
desc. node	-11469 Apr 29 j 17:22	11°♄31'00			-11468 Mar 22 j 22:20	0°♄	
retrograde	-11469 May 11 j 15:42	17°♄35'32		evening max el	-11468 Apr 09 j 13:03	22°♄51'59	27°26'28
evening set	-11469 May 18 j 13:18	14°♄52'07		desc. node	-11468 Apr 15 j 14:38	27°♄47'09	
min. Earth dist.	-11469 May 22 j 06:44	11°♄17'23	0.64381 AU		-11468 Apr 20 j 09:42	0°♄	
inferior conj	-11469 May 24 j 13:15	8°♄45'03	-3°23'44	retrograde	-11468 Apr 23 j 09:27	0°♄25'07	
minimum elong	-11469 May 24 j 14:41	8°♄41'04	3°23'52		-11468 Apr 26 j 06:44	30°♄	
morning rise	-11469 May 30 j 16:38	3°♄16'37		evening set	-11468 Apr 30 j 07:38	27°♄58'22	
direct	-11469 Jun 02 j 14:27	2°♄31'44		min. Earth dist.	-11468 May 03 j 23:44	24°♄51'29	0.62729 AU
morning max el	-11469 Jun 09 j 02:32	6°♄01'02	18°15'38	inferior conj	-11468 May 06 j 20:08	22°♄00'26	-3°30'09
asc. node	-11469 Jun 09 j 00:37	5°♄56'15		minimum elong	-11468 May 06 j 20:08	22°♄00'26	3°30'34
	-11469 Jun 25 j 02:50	0°♄		morning rise	-11468 May 13 j 09:50	16°♄50'11	
morning set	-11469 Jun 27 j 14:36	4°♄11'48		direct	-11468 May 16 j 03:00	16°♄15'04	
superior conj	-11469 Jul 11 j 09:33	26°♄57'44	1°21'14	morning max el	-11468 May 22 j 16:26	19°♄37'19	18°02'19
minimum elong	-11469 Jul 11 j 16:00	27°♄23'44	1°20'55	asc. node	-11468 May 25 j 21:28	23°♄21'27	
	-11469 Jul 13 j 06:53	0°♄			-11468 May 30 j 08:46	0°♄	
max. Earth dist.	-11469 Jul 15 j 08:39	3°♄18'48	1.44195 AU	morning set	-11468 Jun 08 j 14:27	15°♄54'44	
desc. node	-11469 Jul 26 j 14:13	20°♄59'42			-11468 Jun 16 j 16:20	0°♄	
evening rise	-11469 Jul 27 j 23:39	23°♄09'52		superior conj	-11468 Jun 20 j 13:12	6°♄33'44	1°43'08
	-11469 Aug 01 j 09:21	0°♄		minimum elong	-11468 Jun 20 j 16:43	6°♄48'29	1°43'01
greatest brilliancy	-11469 Aug 09 j 06:40	12°♄04'23	-0.7m	max. Earth dist.	-11468 Jun 26 j 21:23	17°♄01'36	1.43154 AU
evening max el	-11469 Aug 22 j 08:48	29°♄40'26	19°51'02		-11468 Jul 05 j 00:47	0°♄	
	-11469 Aug 22 j 16:32	0°☿		evening rise	-11468 Jul 06 j 00:11	1°♄31'27	
retrograde	-11469 Aug 29 j 19:35	3°☿58'51		desc. node	-11468 Jul 12 j 11:37	11°♄30'18	
evening set	-11469 Sep 02 j 07:42	2°☿47'35			-11468 Jul 25 j 00:09	0°♄	
asc. node	-11469 Sep 05 j 01:12	0°☿18'27		evening max el	-11468 Aug 04 j 09:40	13°♄06'45	20°55'46
	-11469 Sep 05 j 07:44	30°♄		retrograde	-11468 Aug 12 j 16:09	17°♄58'04	
inferior conj	-11469 Sep 07 j 20:50	26°♄48'55	0°53'23	evening set	-11468 Aug 16 j 15:50	16°♄27'52	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

asc. node	-11468 Aug 21 j 22:12	10°II28'12		evening rise	-11467 Jun 15 j 08:49	10°Y16'14	
inferior conj	-11468 Aug 22 j 00:19	10°II21'00	0°01'41		-11467 Jun 28 j 03:25	0°8	
minimum elong	-11468 Aug 22 j 00:16	10°II21'11	0°02'14	desc. node	-11467 Jun 29 j 09:04	1°849'36	
transit middle	-11468 Aug 22 j 00:16	10°II21'11	0°02'14	evening max el	-11467 Jul 18 j 03:29	26°828'21	22°11'35
transit begin	-11468 Aug 21 j 21:34	10°II30'21			-11467 Jul 22 j 04:54	0°II	
transit end	-11468 Aug 22 j 02:58	10°II12'00		retrograde	-11467 Jul 27 j 11:16	1°II59'58	
min. Earth dist.	-11468 Aug 22 j 14:02	9°II34'20	0.66882 AU	evening set	-11467 Aug 01 j 00:17	0°II08'50	
morning rise	-11468 Aug 27 j 08:33	4°II00'27			-11467 Aug 01 j 04:29	30°R8	
direct	-11468 Sep 01 j 13:34	1°II48'34		inferior conj	-11467 Aug 06 j 06:06	23°856'26	-0°47'47
morning max el	-11468 Sep 12 j 12:34	8°II22'28	24°05'15	minimum elong	-11467 Aug 06 j 07:05	23°853'02	0°46'55
	-11468 Sep 29 j 11:47	0°8		min. Earth dist.	-11467 Aug 06 j 09:18	23°845'23	0.67196 AU
desc. node	-11468 Oct 08 j 10:03	13°827'23		asc. node	-11467 Aug 08 j 19:10	20°832'34	
morning set	-11468 Oct 17 j 21:25	28°858'01		morning rise	-11467 Aug 11 j 13:48	17°837'46	
	-11468 Oct 18 j 11:53	0°8		direct	-11467 Aug 16 j 04:57	15°844'27	
max. Earth dist.	-11468 Oct 22 j 00:44	6°810'56	1.38712 AU	morning max el	-11467 Aug 26 j 00:23	21°838'29	22°41'05
					-11467 Sep 02 j 03:02	0°II	
superior conj	-11468 Oct 29 j 03:43	19°816'41	-1°37'26		-11467 Sep 22 j 19:50	0°8	
minimum elong	-11468 Oct 29 j 02:27	19°810'40	1°36'57	desc. node	-11467 Sep 25 j 06:58	3°853'14	
	-11468 Nov 03 j 16:56	0°8		morning set	-11467 Sep 28 j 12:45	9°806'06	
evening rise	-11468 Nov 06 j 22:47	6°821'49		max. Earth dist.	-11467 Oct 04 j 00:35	18°813'36	1.40691 AU
asc. node	-11468 Nov 17 j 20:57	26°801'41			-11467 Oct 10 j 18:45	0°8	
	-11468 Nov 20 j 18:06	0°8		superior conj	-11467 Oct 11 j 15:31	1°833'11	-1°26'16
evening max el	-11468 Nov 23 j 12:01	3°802'13	18°51'52	minimum elong	-11467 Oct 11 j 12:17	1°818'35	1°25'28
retrograde	-11468 Dec 01 j 19:30	7°802'42		evening rise	-11467 Oct 21 j 12:49	19°853'37	
evening set	-11468 Dec 04 j 07:25	6°842'28			-11467 Oct 26 j 23:28	0°8	
inferior conj	-11468 Dec 12 j 04:18	2°819'41	4°15'16	asc. node	-11467 Nov 04 j 18:15	13°841'02	
minimum elong	-11468 Dec 12 j 05:21	2°817'46	4°15'13	evening max el	-11467 Nov 06 j 17:09	15°849'20	18°19'39
	-11468 Dec 15 j 09:33	30°88		retrograde	-11467 Nov 14 j 02:11	19°830'28	
min. Earth dist.	-11468 Dec 15 j 06:53	0°804'38	0.58023 AU	evening set	-11467 Nov 16 j 13:48	19°806'26	
morning rise	-11468 Dec 20 j 01:19	27°815'53		inferior conj	-11467 Nov 23 j 21:54	14°822'30	4°10'59
direct	-11468 Dec 25 j 19:27	25°856'29		minimum elong	-11467 Nov 23 j 19:48	14°826'55	4°11'01
desc. node	-11467 Jan 04 j 11:31	29°829'50		min. Earth dist.	-11467 Nov 27 j 02:17	11°842'41	0.59833 AU
	-11467 Jan 05 j 04:10	0°8		morning rise	-11467 Dec 01 j 00:12	8°857'45	
morning max el	-11467 Jan 08 j 20:43	3°809'00	25°42'45	direct	-11467 Dec 07 j 15:49	7°800'54	
	-11467 Jan 28 j 01:02	0°8		morning max el	-11467 Dec 21 j 16:40	14°823'20	26°51'44
morning set	-11467 Feb 05 j 14:38	16°847'20		desc. node	-11467 Dec 22 j 08:12	15°801'13	
	-11467 Feb 11 j 18:00	0°8			-11466 Jan 03 j 07:49	0°8	
superior conj	-11467 Feb 12 j 13:51	1°848'12	-0°11'32		-11466 Jan 20 j 04:25	0°8	
minimum elong	-11467 Feb 12 j 14:21	1°850'54	0°11'59	morning set	-11466 Jan 21 j 00:57	1°846'13	
behind sun begin	-11467 Feb 12 j 11:04	1°833'01		superior conj	-11466 Jan 28 j 01:42	16°852'31	-0°33'47
behind sun end	-11467 Feb 12 j 17:38	2°808'47		minimum elong	-11466 Jan 28 j 03:01	16°859'44	0°33'59
max. Earth dist.	-11467 Feb 13 j 07:38	3°824'58	1.32943 AU	max. Earth dist.	-11466 Jan 27 j 21:09	16°827'41	1.32776 AU
asc. node	-11467 Feb 13 j 18:43	4°825'15		asc. node	-11466 Jan 31 j 15:57	24°842'00	
evening rise	-11467 Feb 19 j 18:57	17°811'03			-11466 Feb 03 j 03:27	0°8	
	-11467 Feb 26 j 07:52	0°8		evening rise	-11466 Feb 04 j 03:10	2°840'26	
	-11467 Mar 17 j 23:31	0°8			-11466 Feb 19 j 10:39	0°8	
evening max el	-11467 Mar 22 j 18:38	5°808'44	27°03'28	evening max el	-11466 Mar 04 j 18:38	16°847'42	26°09'00
desc. node	-11467 Apr 02 j 11:52	12°808'17		retrograde	-11466 Mar 18 j 21:36	24°806'59	
retrograde	-11467 Apr 05 j 19:51	12°837'15		desc. node	-11466 Mar 20 j 09:00	24°801'31	
evening set	-11467 Apr 12 j 09:30	10°838'52		evening set	-11466 Mar 24 j 16:38	22°843'35	
min. Earth dist.	-11467 Apr 16 j 07:34	7°847'17	0.60808 AU	min. Earth dist.	-11466 Mar 29 j 07:55	19°852'12	0.58820 AU
inferior conj	-11467 Apr 19 j 13:59	4°855'17	-3°18'31	inferior conj	-11466 Apr 01 j 15:15	17°821'20	-2°42'40
minimum elong	-11467 Apr 19 j 12:07	4°859'26	3°18'53	minimum elong	-11466 Apr 01 j 11:47	17°827'59	2°42'36
morning rise	-11467 Apr 26 j 16:50	0°804'56		morning rise	-11466 Apr 09 j 09:59	12°851'07	
	-11467 Apr 26 j 22:53	30°88		direct	-11466 Apr 11 j 18:40	12°831'50	
direct	-11467 Apr 29 j 05:48	29°838'23		morning max el	-11466 Apr 19 j 14:51	16°817'24	18°32'16
	-11467 May 01 j 11:42	0°8			-11466 Apr 29 j 08:16	0°8	
morning max el	-11467 May 06 j 05:29	3°805'22	18°07'43	asc. node	-11466 Apr 29 j 15:11	0°830'30	
asc. node	-11467 May 12 j 18:20	11°836'39		morning set	-11466 May 05 j 19:34	12°801'41	
morning set	-11467 May 22 j 09:39	28°834'56					
	-11467 May 23 j 04:06	0°8		superior conj	-11466 May 15 j 02:20	29°839'51	1°43'43
superior conj	-11467 Jun 01 j 19:59	17°830'40	1°49'26	minimum elong	-11466 May 15 j 00:04	29°829'21	1°43'14
minimum elong	-11467 Jun 01 j 19:55	17°830'25	1°49'16		-11466 May 15 j 06:41	0°8	
max. Earth dist.	-11467 Jun 09 j 04:37	0°809'09	1.41607 AU	max. Earth dist.	-11466 May 22 j 06:09	12°832'48	1.39776 AU
	-11467 Jun 09 j 02:26	0°8		evening rise	-11466 May 26 j 18:02	20°814'12	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11466 Jun 01 j 17:14	0°♿		minimum elong	-11465 Apr 27 j 23:34	12°≈30'22	1°29'00
desc. node	-11466 Jun 16 j 06:32	21°♿52'27		max. Earth dist.	-11465 May 04 j 06:19	24°≈22'35	1.37918 AU
	-11466 Jun 22 j 06:42	0°♿			-11465 May 07 j 09:03	0°♿	
evening max el	-11466 Jun 30 j 15:48	9°♿48'12	23°33'22	evening rise	-11465 May 08 j 06:26	1°♿34'34	
retrograde	-11466 Jul 11 j 03:41	16°♿02'03			-11465 May 25 j 21:48	0°♿	
evening set	-11466 Jul 16 j 07:10	13°♿49'55		desc. node	-11465 Jun 03 j 04:01	11°♿30'58	
min. Earth dist.	-11466 Jul 21 j 04:55	8°♿00'22	0.67211 AU	evening max el	-11465 Jun 13 j 01:41	23°♿09'28	24°54'06
inferior conj	-11466 Jul 21 j 12:25	7°♿34'34	-1°33'30	retrograde	-11465 Jun 24 j 16:20	29°♿59'40	
minimum elong	-11466 Jul 21 j 14:13	7°♿28'25	1°32'30	evening set	-11465 Jun 30 j 10:31	27°♿29'02	
morning rise	-11466 Jul 26 j 21:12	1°♿21'16		min. Earth dist.	-11465 Jul 04 j 22:27	22°♿16'49	0.66899 AU
asc. node	-11466 Jul 26 j 16:03	1°♿31'32		inferior conj	-11465 Jul 05 j 17:29	21°♿13'10	-2°14'07
	-11466 Jul 29 j 09:41	30°♿♿		minimum elong	-11465 Jul 05 j 19:46	21°♿05'33	2°13'15
direct	-11466 Jul 31 j 00:01	29°♿46'04		morning rise	-11465 Jul 11 j 05:00	15°♿08'41	
	-11466 Aug 01 j 15:43	0°♿		asc. node	-11465 Jul 13 j 12:52	14°♿00'31	
morning max el	-11466 Aug 08 j 16:44	4°♿57'49	21°20'35	direct	-11465 Jul 14 j 21:23	13°♿50'03	
	-11466 Aug 27 j 08:03	0°♿		morning max el	-11465 Jul 22 j 15:17	18°♿22'43	20°09'50
morning set	-11466 Sep 08 j 03:25	18°♿05'02			-11465 Jul 31 j 17:37	0°♿	
desc. node	-11466 Sep 12 j 03:58	24°♿27'57		morning set	-11465 Aug 18 j 06:12	26°♿32'53	
	-11466 Sep 15 j 14:09	0°♿			-11465 Aug 20 j 11:21	0°♿	
max. Earth dist.	-11466 Sep 16 j 05:22	1°♿02'09	1.42469 AU	max. Earth dist.	-11465 Aug 29 j 16:28	14°♿33'19	1.43797 AU
				desc. node	-11465 Aug 30 j 01:07	15°♿07'55	
superior conj	-11466 Sep 23 j 04:29	12°♿40'26	-1°03'04	superior conj	-11465 Sep 03 j 14:12	22°♿28'35	-0°27'09
minimum elong	-11466 Sep 23 j 00:07	12°♿21'46	1°01'58	minimum elong	-11465 Sep 03 j 11:27	22°♿17'23	0°26'10
	-11466 Oct 03 j 01:14	0°♿			-11465 Sep 08 j 03:55	0°♿	
evening rise	-11466 Oct 04 j 14:11	2°♿46'10		evening rise	-11465 Sep 16 j 22:05	14°♿48'16	
evening max el	-11466 Oct 21 j 03:56	28°♿57'00	18°07'20		-11465 Sep 25 j 21:13	0°♿	
	-11466 Oct 22 j 07:02	0°♿		evening max el	-11465 Oct 04 j 17:25	12°♿18'28	18°13'59
asc. node	-11466 Oct 22 j 15:30	0°♿17'36		asc. node	-11465 Oct 09 j 12:41	15°♿35'35	
retrograde	-11466 Oct 27 j 23:40	2°♿29'48		retrograde	-11465 Oct 11 j 08:02	15°♿52'31	
evening set	-11466 Oct 30 j 12:46	2°♿00'15		evening set	-11465 Oct 14 j 00:43	15°♿15'06	
	-11466 Nov 02 j 21:57	30°♿♿		inferior conj	-11465 Oct 20 j 10:08	9°♿51'12	3°03'14
inferior conj	-11466 Nov 06 j 08:56	26°♿55'20	3°43'56	minimum elong	-11465 Oct 20 j 06:25	10°♿01'12	3°02'46
minimum elong	-11466 Nov 06 j 05:20	27°♿03'59	3°43'39	min. Earth dist.	-11465 Oct 22 j 18:41	7°♿19'26	0.63333 AU
min. Earth dist.	-11466 Nov 09 j 05:38	24°♿11'04	0.61670 AU	morning rise	-11465 Oct 26 j 11:16	3°♿54'32	
morning rise	-11466 Nov 12 j 20:41	21°♿13'09		direct	-11465 Nov 02 j 11:25	1°♿12'52	
direct	-11466 Nov 19 j 21:45	18°♿47'00		morning max el	-11465 Nov 16 j 02:07	8°♿45'20	27°31'42
morning max el	-11466 Dec 03 j 18:54	26°♿16'09	27°29'06	desc. node	-11465 Nov 26 j 01:27	20°♿23'56	
	-11466 Dec 07 j 08:33	0°♿			-11465 Dec 02 j 18:19	0°♿	
desc. node	-11466 Dec 09 j 04:50	2°♿08'15			-11465 Dec 19 j 20:27	0°♿	
	-11466 Dec 27 j 17:16	0°♿		morning set	-11465 Dec 20 j 07:10	0°♿53'26	
morning set	-11465 Jan 05 j 07:15	16°♿31'01		max. Earth dist.	-11465 Dec 25 j 15:36	11°♿54'56	1.33494 AU
max. Earth dist.	-11465 Jan 11 j 09:00	29°♿21'38	1.32947 AU				
	-11465 Jan 11 j 16:05	0°♿		superior conj	-11465 Dec 27 j 22:12	16°♿45'44	-1°12'09
superior conj	-11465 Jan 12 j 13:03	1°♿53'45	-0°54'16	minimum elong	-11465 Dec 28 j 00:20	16°♿57'10	1°12'01
minimum elong	-11465 Jan 12 j 14:57	2°♿04'03	0°54'16		-11464 Jan 03 j 02:18	0°♿	
asc. node	-11465 Jan 18 j 13:12	14°♿53'05		evening rise	-11464 Jan 04 j 01:01	1°♿59'44	
evening rise	-11465 Jan 19 j 13:45	17°♿02'42		asc. node	-11464 Jan 05 j 10:30	4°♿53'50	
	-11465 Jan 26 j 01:35	0°♿			-11464 Jan 19 j 18:30	0°♿	
evening max el	-11465 Feb 14 j 13:41	27°♿54'33	24°49'42	evening max el	-11464 Jan 27 j 07:03	8°♿46'39	23°17'09
	-11465 Feb 16 j 22:37	0°♿		retrograde	-11464 Feb 09 j 13:54	15°♿14'16	
retrograde	-11465 Feb 28 j 12:17	4°♿54'51		evening set	-11464 Feb 13 j 06:18	14°♿44'37	
evening set	-11465 Mar 05 j 05:36	4°♿03'50		min. Earth dist.	-11464 Feb 20 j 19:26	11°♿16'23	0.55859 AU
desc. node	-11465 Mar 07 j 06:02	3°♿13'07		inferior conj	-11464 Feb 22 j 07:59	10°♿22'14	-0°03'15
min. Earth dist.	-11465 Mar 11 j 03:13	0°♿59'34	0.57063 AU	minimum elong	-11464 Feb 22 j 07:49	10°♿22'29	0°03'47
	-11465 Mar 12 j 15:29	30°♿♿		transit middle	-11464 Feb 22 j 07:49	10°♿22'29	0°03'47
inferior conj	-11465 Mar 13 j 21:04	29°♿10'40	-1°37'02	transit begin	-11464 Feb 22 j 03:54	10°♿28'18	
minimum elong	-11465 Mar 13 j 17:47	29°♿16'07	1°36'47	transit end	-11464 Feb 22 j 11:44	10°♿16'40	
morning rise	-11465 Mar 22 j 09:12	24°♿57'33		desc. node	-11464 Feb 22 j 02:56	10°♿29'45	
direct	-11465 Mar 24 j 14:06	24°♿43'30		morning rise	-11464 Mar 02 j 11:19	6°♿18'43	
morning max el	-11465 Apr 02 j 17:26	29°♿02'47	19°16'26	direct	-11464 Mar 04 j 16:30	6°♿06'33	
	-11465 Apr 03 j 16:30	0°♿		morning max el	-11464 Mar 15 j 10:21	11°♿12'09	20°20'16
asc. node	-11465 Apr 16 j 12:05	19°♿53'13			-11464 Mar 28 j 10:40	0°♿	
morning set	-11465 Apr 19 j 16:05	26°♿04'04		asc. node	-11464 Apr 02 j 09:02	9°♿37'48	
	-11465 Apr 21 j 15:36	0°≈		morning set	-11464 Apr 02 j 20:04	10°♿33'40	
superior conj	-11465 Apr 28 j 02:35	12°≈45'01	1°29'49	superior conj	-11464 Apr 10 j 15:57	26°♿32'57	1°10'46

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

minimum elong	-11464 Apr 10 j 13:09	26° Z 18'47	1°09'46	minimum elong	-11463 Mar 25 j 12:35	10° Z 41'49	0°47'48
	-11464 Apr 12 j 09:17	0° \approx		max. Earth dist.	-11463 Mar 29 j 02:39	18° Z 04'13	1.34872 AU
max. Earth dist.	-11464 Apr 15 j 11:46	6° \approx 05'21	1.36245 AU	evening rise	-11463 Apr 02 j 21:13	27° Z 29'30	
evening rise	-11464 Apr 19 j 17:24	14° \approx 05'12			-11463 Apr 04 j 04:51	0° \approx	
	-11464 Apr 28 j 19:48	0° X			-11463 Apr 22 j 02:13	0° X	
	-11464 May 19 j 13:45	0° Y		desc. node	-11463 May 06 j 22:49	18° X 50'57	
desc. node	-11464 May 20 j 01:28	0° Y 35'06		evening max el	-11463 May 07 j 22:28	19° X 50'17	26°57'46
evening max el	-11464 May 25 j 11:41	6° Y 32'07	26°05'06	retrograde	-11463 May 21 j 03:26	27° X 19'55	
retrograde	-11464 Jun 07 j 00:23	13° Y 47'38		evening set	-11463 May 27 j 21:38	24° X 32'47	
evening set	-11464 Jun 13 j 08:09	11° Y 04'09		min. Earth dist.	-11463 May 31 j 17:51	20° X 38'27	0.65171 AU
min. Earth dist.	-11464 Jun 17 j 11:29	6° Y 31'17	0.66230 AU	inferior conj	-11463 Jun 02 j 16:02	18° X 22'33	-3°13'49
inferior conj	-11464 Jun 18 j 19:24	4° Y 50'02	-2°48'11	minimum elong	-11463 Jun 02 j 17:59	18° X 16'49	3°13'43
minimum elong	-11464 Jun 18 j 21:46	4° Y 42'30	2°47'39	morning rise	-11463 Jun 08 j 14:39	12° X 44'54	
	-11464 Jun 23 j 02:31	30° R X		direct	-11463 Jun 11 j 15:46	11° X 53'33	
morning rise	-11464 Jun 24 j 11:27	28° X 57'33		asc. node	-11463 Jun 16 j 06:29	13° X 44'14	
direct	-11464 Jun 27 j 19:21	27° X 53'31		morning max el	-11463 Jun 18 j 06:23	15° X 31'12	18°31'34
asc. node	-11464 Jun 29 j 09:40	28° X 07'39			-11463 Jun 28 j 17:12	0° Y	
	-11464 Jul 02 j 18:24	0° Y		morning set	-11463 Jul 08 j 02:23	15° Y 19'13	
morning max el	-11464 Jul 04 j 20:13	1° Y 54'06	19°12'42		-11463 Jul 17 j 03:02	0° Z	
	-11464 Jul 24 j 06:58	0° Z					
morning set	-11464 Jul 27 j 17:10	5° Z 25'00		superior conj	-11463 Jul 22 j 23:00	9° Z 19'29	1°01'16
max. Earth dist.	-11464 Aug 11 j 08:12	28° Z 31'57	1.44505 AU	minimum elong	-11463 Jul 23 j 05:20	9° Z 44'39	1°00'58
	-11464 Aug 12 j 06:26	0° II		max. Earth dist.	-11463 Jul 25 j 01:17	12° Z 39'00	1.44509 AU
				desc. node	-11463 Aug 02 j 19:40	26° Z 29'19	
superior conj	-11464 Aug 12 j 23:01	1° II 05'49	0°17'42		-11463 Aug 05 j 01:10	0° II	
minimum elong	-11464 Aug 13 j 01:14	1° II 14'34	0°17'58	evening rise	-11463 Aug 08 j 12:26	5° II 27'48	
desc. node	-11464 Aug 15 j 22:21	5° II 49'22			-11463 Aug 24 j 10:02	0° III	
evening rise	-11464 Aug 28 j 06:49	25° II 45'27		evening max el	-11463 Aug 31 j 16:35	9° III 16'14	19°19'59
	-11464 Aug 30 j 21:05	0° III		retrograde	-11463 Sep 07 j 18:57	13° III 19'52	
evening max el	-11464 Sep 17 j 06:33	25° III 46'27	18°38'33	evening set	-11463 Sep 11 j 01:25	12° III 17'59	
retrograde	-11464 Sep 23 j 23:31	29° III 30'50		asc. node	-11463 Sep 12 j 06:55	11° III 23'30	
asc. node	-11464 Sep 25 j 09:50	29° III 19'22		inferior conj	-11463 Sep 16 j 18:01	6° III 24'57	1°23'32
evening set	-11464 Sep 26 j 21:58	28° III 42'45		minimum elong	-11463 Sep 16 j 16:07	6° III 31'01	1°23'26
inferior conj	-11464 Oct 02 j 22:07	23° III 02'37	2°15'05	min. Earth dist.	-11463 Sep 18 j 01:10	4° III 46'02	0.65795 AU
minimum elong	-11464 Oct 02 j 19:06	23° III 11'30	2°14'41	morning rise	-11463 Sep 22 j 06:28	0° III 08'47	
min. Earth dist.	-11464 Oct 04 j 17:35	20° III 54'20	0.64719 AU		-11463 Sep 22 j 10:36	30° R II	
morning rise	-11464 Oct 08 j 15:43	16° III 54'30		direct	-11463 Sep 28 j 09:49	27° II 32'41	
direct	-11464 Oct 15 j 07:34	14° III 10'35			-11463 Oct 05 j 04:09	0° III	
morning max el	-11464 Oct 28 j 11:55	21° III 40'41	27°02'00	morning max el	-11463 Oct 10 j 22:16	4° III 51'11	26°06'06
	-11464 Nov 04 j 21:21	0° II		desc. node	-11463 Oct 29 j 18:55	29° III 05'53	
desc. node	-11464 Nov 11 j 22:08	9° II 27'45			-11463 Oct 30 j 09:15	0° II	
	-11464 Nov 24 j 21:01	0° III		morning set	-11463 Nov 15 j 22:36	27° II 47'15	
morning set	-11464 Dec 02 j 21:36	14° III 42'42			-11463 Nov 17 j 03:07	0° III	
max. Earth dist.	-11464 Dec 07 j 13:33	23° III 58'13	1.34451 AU	max. Earth dist.	-11463 Nov 20 j 00:50	5° III 32'24	1.35833 AU
	-11464 Dec 10 j 11:42	0° IV					
				superior conj	-11463 Nov 25 j 01:23	15° III 30'54	-1°36'05
superior conj	-11464 Dec 11 j 03:07	1° IV 20'37	-1°26'30	minimum elong	-11463 Nov 25 j 02:33	15° III 36'49	1°35'49
minimum elong	-11464 Dec 11 j 05:03	1° IV 30'42	1°26'18		-11463 Dec 02 j 02:22	0° IV	
evening rise	-11464 Dec 18 j 11:17	16° IV 48'51		evening rise	-11463 Dec 02 j 18:51	1° IV 24'32	
asc. node	-11464 Dec 22 j 07:49	24° IV 38'04		asc. node	-11463 Dec 09 j 05:09	13° IV 59'25	
	-11464 Dec 25 j 03:28	0° V			-11463 Dec 20 j 03:32	0° V	
evening max el	-11463 Jan 08 j 03:44	19° V 45'52	21°44'43	evening max el	-11463 Dec 21 j 08:34	1° V 11'54	20°23'24
retrograde	-11463 Jan 20 j 05:43	25° V 29'41		retrograde	-11463 Dec 31 j 21:43	6° V 09'02	
evening set	-11463 Jan 23 j 05:10	25° V 09'50		evening set	-11462 Jan 03 j 13:00	5° V 51'46	
inferior conj	-11463 Feb 01 j 06:38	21° V 07'15	1°42'12	inferior conj	-11462 Jan 12 j 05:48	1° V 51'41	3°11'07
minimum elong	-11463 Feb 01 j 10:50	21° V 01'17	1°40'27	minimum elong	-11462 Jan 12 j 11:31	1° V 43'07	3°09'32
min. Earth dist.	-11463 Feb 01 j 09:41	21° V 02'56	0.55440 AU	min. Earth dist.	-11462 Jan 13 j 23:07	0° V 49'56	0.55889 AU
desc. node	-11463 Feb 07 j 23:44	17° V 45'58			-11462 Jan 15 j 09:40	30° R IV	
morning rise	-11463 Feb 10 j 16:31	17° V 00'01		morning rise	-11462 Jan 21 j 08:24	27° IV 25'36	
direct	-11463 Feb 13 j 08:11	16° V 44'13		direct	-11462 Jan 25 j 00:38	26° IV 55'50	
morning max el	-11463 Feb 25 j 15:59	22° V 40'33	21°42'14	desc. node	-11462 Jan 25 j 20:32	26° IV 57'24	
	-11463 Mar 03 j 22:21	0° VI			-11462 Feb 03 j 01:58	0° V	
morning set	-11463 Mar 18 j 04:58	25° VI 22'25		morning max el	-11462 Feb 07 j 11:45	3° V 34'51	23°16'42
asc. node	-11463 Mar 20 j 06:05	29° VI 38'06			-11462 Feb 25 j 12:55	0° VI	
	-11463 Mar 20 j 10:16	0° VII		morning set	-11462 Mar 02 j 16:36	10° VI 22'38	
				asc. node	-11462 Mar 07 j 03:10	19° VI 48'38	
superior conj	-11463 Mar 25 j 14:39	10° VII 52'31	0°48'47				

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11462 Mar 09 j 19:43	25° ♁ 34'04	0°25'26	minimum elong	-11461 Feb 22 j 04:53	10° ♁ 30'02	0°01'15
minimum elong	-11462 Mar 09 j 18:39	25° ♁ 28'21	0°24'36	behind sun begin	-11461 Feb 21 j 23:49	10° ♁ 02'36	
	-11462 Mar 11 j 21:54	0° ♁		behind sun end	-11461 Feb 22 j 09:56	10° ♁ 57'27	
max. Earth dist.	-11462 Mar 12 j 03:19	0° ♁ 28'33	1.33849 AU	asc. node	-11461 Feb 22 j 00:19	10° ♁ 05'19	
evening rise	-11462 Mar 17 j 13:06	11° ♁ 32'27		max. Earth dist.	-11461 Feb 23 j 11:41	13° ♁ 16'31	1.33176 AU
	-11462 Mar 27 j 12:29	0° ♁		evening rise	-11461 Mar 01 j 13:28	26° ♁ 02'57	
	-11462 Apr 17 j 13:58	0° ♁			-11461 Mar 03 j 12:43	0° ♁	
evening max el	-11462 Apr 20 j 08:50	2° ♁ 52'56	27°24'47		-11461 Mar 21 j 00:35	0° ♁	
desc. node	-11462 Apr 23 j 20:08	5° ♁ 58'10		evening max el	-11461 Apr 02 j 16:52	15° ♁ 29'41	27°20'47
retrograde	-11462 May 04 j 00:58	10° ♁ 27'36		desc. node	-11461 Apr 10 j 17:22	21° ♁ 29'41	
evening set	-11462 May 10 j 23:56	7° ♁ 49'14		retrograde	-11461 Apr 16 j 16:04	23° ♁ 02'15	
min. Earth dist.	-11462 May 14 j 15:57	4° ♁ 28'00	0.63716 AU	evening set	-11461 Apr 23 j 11:42	20° ♁ 46'16	
inferior conj	-11462 May 17 j 04:46	1° ♁ 45'34	-3°28'21	min. Earth dist.	-11461 Apr 27 j 05:07	17° ♁ 47'32	0.61929 AU
minimum elong	-11462 May 17 j 05:40	1° ♁ 43'10	3°28'38	inferior conj	-11461 Apr 30 j 06:33	14° ♁ 53'18	-3°27'50
	-11462 May 18 j 21:10	30° ♁		minimum elong	-11461 Apr 30 j 05:47	14° ♁ 55'08	3°28'16
morning rise	-11462 May 23 j 12:15	26° ♁ 24'58		morning rise	-11461 May 07 j 01:30	9° ♁ 51'27	
direct	-11462 May 26 j 07:57	25° ♁ 44'31		direct	-11461 May 09 j 16:43	9° ♁ 20'17	
morning max el	-11462 Jun 01 j 19:40	29° ♁ 09'25	18°07'48	morning max el	-11461 May 16 j 09:34	12° ♁ 43'20	18°02'18
	-11462 Jun 02 j 15:04	0° ♁		asc. node	-11461 May 21 j 00:08	18° ♁ 22'14	
asc. node	-11462 Jun 03 j 03:18	0° ♁ 34'09			-11461 May 28 j 02:56	0° ♁	
morning set	-11462 Jun 19 j 12:53	26° ♁ 23'28		morning set	-11461 Jun 01 j 21:34	8° ♁ 31'59	
	-11462 Jun 21 j 15:23	0° ♁					
superior conj	-11462 Jul 02 j 12:25	18° ♁ 13'32	1°32'35	superior conj	-11461 Jun 13 j 03:45	28° ♁ 24'11	1°47'33
minimum elong	-11462 Jul 02 j 17:57	18° ♁ 36'07	1°32'21	minimum elong	-11461 Jun 13 j 05:39	28° ♁ 32'19	1°47'26
max. Earth dist.	-11462 Jul 07 j 15:59	26° ♁ 33'49	1.43821 AU		-11461 Jun 14 j 02:11	0° ♁	
	-11462 Jul 09 j 19:37	0° ♁		max. Earth dist.	-11461 Jun 20 j 01:54	10° ♁ 00'44	1.42545 AU
evening rise	-11462 Jul 18 j 18:49	14° ♁ 05'04		evening rise	-11461 Jun 27 j 19:58	22° ♁ 28'14	
desc. node	-11462 Jul 20 j 17:03	17° ♁ 04'08			-11461 Jul 02 j 16:04	0° ♁	
	-11462 Jul 29 j 04:01	0° ♁		desc. node	-11461 Jul 07 j 14:28	7° ♁ 30'20	
evening max el	-11462 Aug 14 j 21:10	22° ♁ 43'47	20°16'56		-11461 Jul 23 j 11:46	0° ♁	
retrograde	-11462 Aug 22 j 15:45	27° ♁ 15'39		evening max el	-11461 Jul 28 j 19:00	6° ♁ 08'01	21°26'56
evening set	-11462 Aug 26 j 08:28	25° ♁ 56'45		retrograde	-11461 Aug 06 j 11:53	11° ♁ 16'03	
asc. node	-11462 Aug 30 j 03:58	22° ♁ 02'59		evening set	-11461 Aug 10 j 16:57	9° ♁ 37'21	
inferior conj	-11462 Aug 31 j 19:22	19° ♁ 54'02	0°31'16	inferior conj	-11461 Aug 16 j 00:05	3° ♁ 27'54	-0°19'41
minimum elong	-11462 Aug 31 j 18:39	19° ♁ 56'25	0°31'36	minimum elong	-11461 Aug 16 j 00:29	3° ♁ 26'29	0°18'57
min. Earth dist.	-11462 Sep 01 j 15:15	18° ♁ 47'34	0.66567 AU	min. Earth dist.	-11461 Aug 16 j 09:23	2° ♁ 55'53	0.67052 AU
morning rise	-11462 Sep 06 j 04:36	13° ♁ 33'45		asc. node	-11461 Aug 17 j 00:57	2° ♁ 02'44	
direct	-11462 Sep 11 j 17:49	11° ♁ 11'50			-11461 Aug 18 j 14:36	30° ♁	
morning max el	-11462 Sep 23 j 08:03	18° ♁ 06'10	24°52'14	morning rise	-11461 Aug 21 j 07:52	27° ♁ 07'27	
	-11462 Oct 03 j 09:08	0° ♁		direct	-11461 Aug 26 j 06:53	25° ♁ 03'10	
desc. node	-11462 Oct 16 j 15:45	19° ♁ 08'04			-11461 Sep 04 j 09:10	0° ♁	
	-11462 Oct 23 j 10:20	0° ♁		morning max el	-11461 Sep 05 j 18:15	1° ♁ 21'07	23°29'19
morning set	-11462 Oct 29 j 05:10	9° ♁ 53'14			-11461 Sep 27 j 09:37	0° ♁	
max. Earth dist.	-11462 Nov 02 j 02:37	16° ♁ 53'03	1.37584 AU	desc. node	-11461 Oct 03 j 12:38	9° ♁ 26'53	
				morning set	-11461 Oct 10 j 11:50	20° ♁ 46'21	
superior conj	-11462 Nov 08 j 13:48	29° ♁ 07'15	-1°39'16	max. Earth dist.	-11461 Oct 15 j 00:50	28° ♁ 31'14	1.39557 AU
minimum elong	-11462 Nov 08 j 13:35	29° ♁ 06'11	1°38'55		-11461 Oct 15 j 21:10	0° ♁	
	-11462 Nov 09 j 00:37	0° ♁		superior conj	-11461 Oct 22 j 12:09	11° ♁ 57'20	-1°34'02
evening rise	-11462 Nov 16 j 21:40	15° ♁ 41'00		minimum elong	-11461 Oct 22 j 10:02	11° ♁ 47'32	1°33'26
	-11462 Nov 24 j 10:22	0° ♁		evening rise	-11461 Oct 31 j 17:15	29° ♁ 31'10	
asc. node	-11462 Nov 26 j 02:29	2° ♁ 49'59			-11461 Oct 31 j 23:14	0° ♁	
evening max el	-11462 Dec 03 j 23:49	13° ♁ 13'07	19°19'40	asc. node	-11461 Nov 12 j 23:48	20° ♁ 59'03	
retrograde	-11462 Dec 13 j 00:50	17° ♁ 30'32		evening max el	-11461 Nov 17 j 00:35	25° ♁ 45'48	18°35'45
evening set	-11462 Dec 15 j 13:18	17° ♁ 12'04		retrograde	-11461 Nov 24 j 21:10	29° ♁ 36'08	
inferior conj	-11462 Dec 23 j 17:45	13° ♁ 00'28	4°03'10	evening set	-11461 Nov 27 j 08:53	29° ♁ 14'26	
minimum elong	-11462 Dec 23 j 20:58	12° ♁ 55'02	4°02'43	inferior conj	-11461 Dec 05 j 00:16	24° ♁ 43'10	4°16'53
min. Earth dist.	-11462 Dec 26 j 13:03	11° ♁ 07'53	0.57088 AU	minimum elong	-11461 Dec 04 j 23:49	24° ♁ 44'04	4°16'58
morning rise	-11461 Jan 01 j 02:27	8° ♁ 09'42		min. Earth dist.	-11461 Dec 08 j 05:22	22° ♁ 14'52	0.58774 AU
direct	-11461 Jan 06 j 03:20	7° ♁ 11'15		morning rise	-11461 Dec 12 j 12:54	19° ♁ 30'11	
desc. node	-11461 Jan 12 j 17:17	8° ♁ 50'51		direct	-11461 Dec 18 j 17:54	17° ♁ 54'05	
morning max el	-11461 Jan 20 j 02:40	14° ♁ 16'25	24°52'36	desc. node	-11461 Dec 30 j 13:58	23° ♁ 11'56	
	-11461 Feb 01 j 11:31	0° ♁		morning max el	-11460 Jan 01 j 19:11	25° ♁ 11'31	26°15'24
morning set	-11461 Feb 15 j 05:10	25° ♁ 28'07			-11460 Jan 06 j 07:08	0° ♁	
	-11461 Feb 17 j 08:24	0° ♁			-11460 Jan 25 j 11:32	0° ♁	
superior conj	-11461 Feb 22 j 04:56	10° ♁ 30'20	0°01'51	morning set	-11460 Jan 30 j 16:47	10° ♁ 31'00	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11460 Feb 06 j 16:17	25° \mathbb{M} 33'15	-0°21'08			-11459 Jan 16 j 06:13	0° \mathbb{M}	
minimum elong	-11460 Feb 06 j 17:09	25° \mathbb{M} 38'00	0°21'29	max. Earth dist.		-11459 Jan 20 j 13:47	9° \mathbb{M} 18'29	1.32815 AU
max. Earth dist.	-11460 Feb 07 j 00:23	26° \mathbb{M} 17'29	1.32833 AU					
asc. node	-11460 Feb 08 j 21:30	0° \mathbb{A} 23'05		superior conj		-11459 Jan 21 j 04:06	10° \mathbb{M} 36'35	-0°42'44
	-11460 Feb 08 j 17:15	0° \mathbb{A}		minimum elong		-11459 Jan 21 j 05:42	10° \mathbb{M} 45'19	0°42'51
evening rise	-11460 Feb 13 j 19:28	10° \mathbb{A} 50'14		asc. node		-11459 Jan 25 j 18:44	20° \mathbb{M} 37'42	
	-11460 Feb 23 j 19:52	0° \mathbb{B}		evening rise		-11459 Jan 28 j 04:54	25° \mathbb{M} 46'25	
evening max el	-11460 Mar 14 j 20:22	27° \mathbb{B} 30'57	26°43'59			-11459 Jan 30 j 06:02	0° \mathbb{A}	
	-11460 Mar 17 j 15:34	0° \approx				-11459 Feb 16 j 23:27	0° \mathbb{B}	
desc. node	-11460 Mar 27 j 14:32	4° \approx 51'11		evening max el		-11459 Feb 24 j 18:09	8° \mathbb{B} 54'43	25°37'38
retrograde	-11460 Mar 28 j 23:02	4° \approx 55'55		retrograde		-11459 Mar 10 j 19:49	16° \mathbb{B} 06'26	
evening set	-11460 Apr 04 j 05:42	3° \approx 12'29		desc. node		-11459 Mar 14 j 11:36	15° \mathbb{B} 34'13	
min. Earth dist.	-11460 Apr 08 j 09:43	0° \approx 22'27	0.59954 AU	evening set		-11459 Mar 16 j 04:37	14° \mathbb{B} 57'44	
	-11460 Apr 08 j 20:57	30° \mathbb{R} \mathbb{B}		min. Earth dist.		-11459 Mar 21 j 07:25	12° \mathbb{B} 02'27	0.58032 AU
inferior conj	-11460 Apr 11 j 17:46	27° \mathbb{B} 36'54	-3°06'43	inferior conj		-11459 Mar 24 j 10:56	9° \mathbb{B} 47'33	-2°18'37
minimum elong	-11460 Apr 11 j 15:07	27° \mathbb{B} 42'28	3°06'55	minimum elong		-11459 Mar 24 j 07:14	9° \mathbb{B} 54'14	2°18'23
morning rise	-11460 Apr 19 j 03:01	22° \mathbb{B} 54'50		morning rise		-11459 Apr 01 j 13:00	5° \mathbb{B} 25'00	
direct	-11460 Apr 21 j 14:09	22° \mathbb{B} 31'33		direct		-11459 Apr 03 j 20:07	5° \mathbb{B} 08'06	
morning max el	-11460 Apr 28 j 21:19	26° \mathbb{B} 05'00	18°15'44	morning max el		-11459 Apr 12 j 04:03	9° \mathbb{B} 05'53	18°48'38
	-11460 May 02 j 07:09	0° \approx		asc. node		-11459 Apr 23 j 17:49	26° \mathbb{B} 01'27	
asc. node	-11460 May 06 j 20:58	6° \approx 54'49				-11459 Apr 25 j 20:48	0° \approx	
morning set	-11460 May 14 j 23:34	21° \approx 33'11		morning set		-11459 Apr 28 j 14:23	5° \approx 15'51	
	-11460 May 19 j 11:48	0° \mathbb{H}						
superior conj	-11460 May 24 j 21:08	9° \mathbb{H} 52'55	1°48'15	superior conj		-11459 May 07 j 11:41	22° \approx 27'02	1°38'37
minimum elong	-11460 May 24 j 19:57	9° \mathbb{H} 47'33	1°47'58	minimum elong		-11459 May 07 j 08:57	22° \approx 14'06	1°38'00
max. Earth dist.	-11460 Jun 01 j 06:31	22° \mathbb{H} 49'38	1.40851 AU			-11459 May 11 j 13:08	0° \mathbb{H}	
	-11460 Jun 05 j 13:22	0° \mathbb{Y}		max. Earth dist.		-11459 May 14 j 07:14	4° \mathbb{H} 58'09	1.38976 AU
evening rise	-11460 Jun 06 j 13:57	1° \mathbb{Y} 40'44		evening rise		-11459 May 18 j 10:55	12° \mathbb{H} 13'30	
desc. node	-11460 Jun 23 j 11:54	27° \mathbb{Y} 43'13				-11459 May 29 j 08:38	0° \mathbb{Y}	
	-11460 Jun 25 j 01:59	0° \mathbb{B}		desc. node		-11459 Jun 10 j 09:22	17° \mathbb{Y} 36'23	
evening max el	-11460 Jul 10 j 10:23	19° \mathbb{B} 29'18	22°46'05			-11459 Jun 20 j 05:37	0° \mathbb{B}	
retrograde	-11460 Jul 20 j 05:53	25° \mathbb{B} 18'30		evening max el		-11459 Jun 22 j 21:16	2° \mathbb{B} 49'06	24°08'23
evening set	-11460 Jul 25 j 00:57	23° \mathbb{B} 18'27		retrograde		-11459 Jul 03 j 20:38	9° \mathbb{B} 18'59	
inferior conj	-11460 Jul 30 j 06:18	17° \mathbb{B} 04'46	-1°07'42	evening set		-11459 Jul 09 j 06:33	6° \mathbb{B} 58'19	
minimum elong	-11460 Jul 30 j 07:39	17° \mathbb{B} 00'05	1°06'45	min. Earth dist.		-11459 Jul 13 j 23:56	1° \mathbb{B} 24'36	0.67120 AU
min. Earth dist.	-11460 Jul 30 j 05:04	17° \mathbb{B} 09'01	0.67242 AU	inferior conj		-11459 Jul 14 j 12:15	0° \mathbb{B} 42'40	-1°51'26
asc. node	-11460 Aug 02 j 21:52	12° \mathbb{B} 24'19		minimum elong		-11459 Jul 14 j 14:18	0° \mathbb{B} 35'43	1°50'28
morning rise	-11460 Aug 04 j 14:16	10° \mathbb{B} 48'02				-11459 Jul 15 j 00:50	30° \mathbb{R} \mathbb{Y}	
direct	-11460 Aug 09 j 00:04	9° \mathbb{B} 02'19		morning rise		-11459 Jul 19 j 22:00	24° \mathbb{Y} 33'00	
morning max el	-11460 Aug 18 j 07:35	14° \mathbb{B} 37'50	22°06'00	asc. node		-11459 Jul 20 j 18:42	23° \mathbb{Y} 58'22	
	-11460 Aug 30 j 12:22	0° \mathbb{I}		direct		-11459 Jul 23 j 20:10	23° \mathbb{Y} 05'07	
desc. node	-11460 Sep 19 j 09:37	29° \mathbb{I} 57'13		morning max el		-11459 Aug 01 j 02:28	27° \mathbb{Y} 59'06	20°49'09
	-11460 Sep 19 j 10:18	0° \mathbb{E}				-11459 Aug 02 j 22:44	0° \mathbb{B}	
morning set	-11460 Sep 19 j 15:58	0° \mathbb{E} 22'36		morning set		-11459 Aug 24 j 02:56	0° \mathbb{I}	
max. Earth dist.	-11460 Sep 26 j 02:41	10° \mathbb{E} 54'19	1.41492 AU	desc. node		-11459 Aug 29 j 23:21	9° \mathbb{I} 01'56	
				max. Earth dist.		-11459 Sep 06 j 06:40	20° \mathbb{I} 34'24	
superior conj	-11460 Oct 03 j 15:03	23° \mathbb{E} 47'00	-1°18'01			-11459 Sep 08 j 10:50	24° \mathbb{I} 04'34	1.43103 AU
minimum elong	-11460 Oct 03 j 11:08	23° \mathbb{E} 29'44	1°17'04			-11459 Sep 12 j 01:51	0° \mathbb{E}	
	-11460 Oct 07 j 02:49	0° \mathbb{Q}		superior conj		-11459 Sep 14 j 16:43	4° \mathbb{E} 20'53	-0°49'19
evening rise	-11460 Oct 14 j 02:27	12° \mathbb{Q} 47'49		minimum elong		-11459 Sep 14 j 12:34	4° \mathbb{E} 03'35	0°48'11
	-11460 Oct 23 j 19:08	0° \mathbb{P}		evening rise		-11459 Sep 26 j 21:02	25° \mathbb{E} 20'34	
asc. node	-11460 Oct 29 j 21:05	8° \mathbb{P} 13'48				-11459 Sep 29 j 12:26	0° \mathbb{Q}	
evening max el	-11460 Oct 30 j 08:32	8° \mathbb{P} 42'59	18°11'59	evening max el		-11459 Oct 13 j 20:46	21° \mathbb{Q} 56'48	18°07'48
retrograde	-11460 Nov 06 j 10:37	12° \mathbb{P} 19'01		asc. node		-11459 Oct 16 j 18:19	24° \mathbb{Q} 18'48	
evening set	-11460 Nov 08 j 22:47	11° \mathbb{P} 52'43		retrograde		-11459 Oct 20 j 13:24	25° \mathbb{Q} 29'15	
inferior conj	-11460 Nov 16 j 01:39	6° \mathbb{P} 59'30	4°01'40	evening set		-11459 Oct 23 j 03:45	24° \mathbb{Q} 56'37	
minimum elong	-11460 Nov 15 j 22:42	7° \mathbb{P} 06'03	4°01'35	inferior conj		-11459 Oct 29 j 19:08	19° \mathbb{Q} 42'57	3°27'56
min. Earth dist.	-11460 Nov 19 j 03:31	4° \mathbb{P} 15'43	0.60632 AU	minimum elong		-11459 Oct 29 j 15:21	19° \mathbb{Q} 52'32	3°27'32
morning rise	-11460 Nov 22 j 21:17	1° \mathbb{P} 27'16		min. Earth dist.		-11459 Nov 01 j 10:48	17° \mathbb{Q} 02'32	0.62408 AU
	-11460 Nov 25 j 19:28	30° \mathbb{R} \mathbb{Q}		morning rise		-11459 Nov 05 j 01:56	13° \mathbb{Q} 54'06	
direct	-11460 Nov 29 j 18:29	29° \mathbb{Q} 16'40		direct		-11459 Nov 12 j 03:32	11° \mathbb{Q} 20'00	
	-11460 Dec 03 j 20:36	0° \mathbb{P}		morning max el		-11459 Nov 25 j 22:30	18° \mathbb{Q} 50'44	27°34'28
morning max el	-11460 Dec 13 j 17:42	6° \mathbb{P} 41'14	27°11'48	desc. node		-11459 Dec 03 j 07:16	27° \mathbb{Q} 06'27	
desc. node	-11460 Dec 16 j 10:38	9° \mathbb{P} 27'40				-11459 Dec 05 j 12:44	0° \mathbb{P}	
	-11460 Dec 31 j 09:29	0° \mathbb{Q}				-11459 Dec 24 j 02:51	0° \mathbb{Q}	
morning set	-11459 Jan 14 j 01:38	25° \mathbb{Q} 24'28		morning set		-11459 Dec 29 j 05:35	10° \mathbb{Q} 00'48	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

max. Earth dist.	-11458 Jan 04 j 00:03	22° Ω 05'46	1.33136 AU	morning set	-11458 Dec 13 j 01:55	24° Π 10'38	
					-11458 Dec 15 j 23:35	0° Ω	
superior conj	-11458 Jan 05 j 14:44	25° Ω 34'19	-1°02'14	max. Earth dist.	-11458 Dec 18 j 03:20	4° Ω 26'48	1.33845 AU
minimum elong	-11458 Jan 05 j 16:47	25° Ω 45'23	1°02'09				
	-11458 Jan 07 j 15:45	0° Π		superior conj	-11458 Dec 20 j 22:21	10° Ω 19'48	-1°18'45
evening rise	-11458 Jan 12 j 15:59	10° Π 44'44		minimum elong	-11458 Dec 21 j 00:28	10° Ω 30'59	1°18'35
asc. node	-11458 Jan 12 j 16:01	10° Π 44'52		evening rise	-11458 Dec 28 j 03:03	25° Ω 38'50	
	-11458 Jan 22 j 16:09	0° Σ			-11458 Dec 30 j 05:37	0° Π	
evening max el	-11458 Feb 06 j 11:44	19° Σ 51'52	24°11'02	asc. node	-11458 Dec 30 j 13:21	0° Π 39'13	
retrograde	-11458 Feb 20 j 05:02	26° Σ 40'26			-11457 Jan 18 j 11:32	0° Σ	
evening set	-11458 Feb 24 j 11:25	25° Σ 59'48		evening max el	-11457 Jan 19 j 05:46	0° Σ 43'56	22°37'05
desc. node	-11458 Mar 01 j 08:34	23° Σ 46'56		retrograde	-11457 Feb 01 j 02:20	6° Σ 54'38	
min. Earth dist.	-11458 Mar 03 j 00:55	22° Σ 46'56	0.56467 AU	evening set	-11457 Feb 04 j 10:00	6° Σ 30'30	
inferior conj	-11458 Mar 05 j 08:19	21° Σ 20'05	-1°00'06	min. Earth dist.	-11457 Feb 12 j 16:24	2° Σ 47'37	0.55568 AU
minimum elong	-11458 Mar 05 j 06:01	21° Σ 23'43	1°00'02	inferior conj	-11457 Feb 13 j 12:49	2° Σ 18'08	0°41'38
morning rise	-11458 Mar 14 j 03:36	17° Σ 12'51		minimum elong	-11457 Feb 13 j 14:35	2° Σ 15'35	0°40'32
direct	-11458 Mar 16 j 07:52	17° Σ 00'06		desc. node	-11457 Feb 16 j 05:27	0° Σ 47'09	
morning max el	-11458 Mar 26 j 02:54	21° Σ 37'19	19°41'19		-11457 Feb 17 j 18:20	30° Σ	
	-11458 Apr 01 j 20:41	0° Σ		morning rise	-11457 Feb 22 j 20:25	28° Π 14'56	
asc. node	-11458 Apr 10 j 14:44	15° Σ 34'20		direct	-11457 Feb 25 j 04:06	28° Π 02'16	
morning set	-11458 Apr 12 j 14:27	19° Σ 31'06			-11457 Mar 04 j 01:02	0° Σ	
	-11458 Apr 17 j 19:21	0° \approx		morning max el	-11457 Mar 08 j 15:15	3° Σ 30'03	20°53'12
					-11457 Mar 25 j 19:31	0° Σ	
superior conj	-11458 Apr 20 j 18:07	5° \approx 52'31	1°22'12	morning set	-11457 Mar 27 j 20:49	4° Σ 09'36	
minimum elong	-11458 Apr 20 j 15:06	5° \approx 37'36	1°21'19	asc. node	-11457 Mar 28 j 11:44	5° Σ 26'08	
max. Earth dist.	-11458 Apr 26 j 08:53	16° \approx 41'37	1.37168 AU				
evening rise	-11458 Apr 30 j 09:38	24° \approx 05'44		superior conj	-11457 Apr 04 j 11:54	19° Σ 55'24	1°01'42
	-11458 May 03 j 17:56	0° H		minimum elong	-11457 Apr 04 j 09:22	19° Σ 42'26	1°00'42
	-11458 May 22 j 23:41	0° Υ		max. Earth dist.	-11457 Apr 08 j 17:41	28° Σ 27'21	1.35615 AU
desc. node	-11458 May 28 j 06:49	7° Υ 01'47			-11457 Apr 09 j 12:33	0° \approx	
evening max el	-11458 Jun 05 j 06:46	16° Υ 10'35	25°25'57	evening rise	-11457 Apr 13 j 04:28	7° \approx 01'23	
retrograde	-11458 Jun 17 j 07:29	23° Υ 13'32			-11457 Apr 26 j 11:04	0° H	
evening set	-11458 Jun 23 j 07:46	20° Υ 36'10		desc. node	-11457 May 15 j 04:13	25° H 47'22	
min. Earth dist.	-11458 Jun 27 j 15:45	15° Υ 40'49	0.66659 AU	evening max el	-11457 May 18 j 17:01	29° H 31'49	26°30'13
inferior conj	-11458 Jun 28 j 16:13	14° Υ 20'40	-2°29'29		-11457 May 19 j 04:35	0° Υ	
minimum elong	-11458 Jun 28 j 18:35	14° Υ 12'53	2°28'44	retrograde	-11457 May 31 j 13:41	6° Υ 55'29	
morning rise	-11458 Jul 04 j 05:27	8° Υ 21'09		evening set	-11457 Jun 07 j 02:17	4° Υ 09'04	
direct	-11458 Jul 07 j 17:55	7° Υ 09'11			-11457 Jun 10 j 23:56	30° H	
asc. node	-11458 Jul 07 j 15:29	7° Υ 09'14		min. Earth dist.	-11457 Jun 11 j 02:18	29° H 52'47	0.65824 AU
morning max el	-11458 Jul 15 j 03:55	11° Υ 27'18	19°43'44	inferior conj	-11457 Jun 12 j 16:10	27° H 56'00	-3°00'16
	-11458 Jul 28 j 18:57	0° B		minimum elong	-11457 Jun 12 j 18:26	27° H 49'01	2°59'54
morning set	-11458 Aug 09 j 03:11	17° B 33'28		morning rise	-11457 Jun 18 j 10:45	22° H 09'25	
	-11458 Aug 17 j 01:37	0° Π		direct	-11457 Jun 21 j 15:27	21° H 11'10	
max. Earth dist.	-11458 Aug 22 j 00:08	7° Π 48'59	1.44178 AU	asc. node	-11457 Jun 24 j 12:18	21° H 55'42	
desc. node	-11458 Aug 24 j 03:50	11° Π 15'12		morning max el	-11457 Jun 28 j 11:18	25° H 01'16	18°53'05
					-11457 Jul 02 j 14:54	0° Υ	
superior conj	-11458 Aug 25 j 14:43	13° Π 35'01	-0°08'45	morning set	-11457 Jul 19 j 22:30	26° Υ 48'31	
minimum elong	-11458 Aug 25 j 13:47	13° Π 31'16	0°08'01		-11457 Jul 21 j 22:17	0° B	
behind sun begin	-11458 Aug 25 j 04:10	12° Π 52'39					
behind sun end	-11458 Aug 25 j 23:25	14° Π 09'55		superior conj	-11457 Aug 04 j 17:08	21° B 54'36	0°37'05
	-11458 Sep 04 j 15:59	0° E		minimum elong	-11457 Aug 04 j 21:33	22° B 12'04	0°37'02
evening rise	-11458 Sep 08 j 19:46	6° E 56'40		max. Earth dist.	-11457 Aug 04 j 16:11	21° B 50'53	1.44588 AU
	-11458 Sep 23 j 02:11	0° Ω			-11457 Aug 09 j 19:47	0° Π	
evening max el	-11458 Sep 27 j 10:22	5° Ω 21'07	18°22'15	desc. node	-11457 Aug 11 j 01:08	1° Π 56'20	
asc. node	-11458 Oct 03 j 15:30	8° Ω 57'59		evening rise	-11457 Aug 20 j 17:09	17° Π 22'05	
retrograde	-11458 Oct 04 j 01:18	8° Ω 58'53			-11457 Aug 28 j 14:14	0° E	
evening set	-11458 Oct 06 j 20:03	8° Ω 17'26		evening max el	-11457 Sep 10 j 22:32	18° E 50'38	18°54'17
inferior conj	-11458 Oct 13 j 01:20	2° Ω 46'14	2°43'29	retrograde	-11457 Sep 17 j 18:46	22° E 42'10	
minimum elong	-11458 Oct 12 j 21:51	2° Ω 56'01	2°42'59	evening set	-11457 Sep 20 j 20:17	21° E 48'46	
min. Earth dist.	-11458 Oct 15 j 04:19	0° Ω 23'13	0.63957 AU	asc. node	-11457 Sep 20 j 12:36	21° E 59'17	
	-11458 Oct 15 j 12:51	30° R		inferior conj	-11457 Sep 26 j 17:02	16° E 03'04	1°53'29
morning rise	-11458 Oct 18 j 22:54	26° E 43'57		minimum elong	-11457 Sep 26 j 14:28	16° E 10'55	1°53'11
direct	-11458 Oct 25 j 20:04	23° E 59'47		min. Earth dist.	-11457 Sep 28 j 07:15	14° E 06'26	0.65211 AU
	-11458 Nov 06 j 15:42	0° Ω		morning rise	-11457 Oct 02 j 08:10	9° E 51'02	
morning max el	-11458 Nov 08 j 07:20	1° Ω 33'01	27°22'41	direct	-11457 Oct 08 j 19:09	7° E 09'02	
desc. node	-11458 Nov 20 j 03:56	15° Ω 44'29		morning max el	-11457 Oct 21 j 17:29	14° E 36'11	26°40'58
	-11458 Nov 29 j 15:10	0° Π			-11457 Nov 03 j 11:14	0° Ω	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

desc. node	-11457 Nov 07 j 00:41	5°Ω04'45		desc. node	-11456 Oct 23 j 21:28	24°Ω54'05	
	-11457 Nov 22 j 07:05	0°♊			-11456 Oct 27 j 04:13	0°Ω	
morning set	-11457 Nov 26 j 11:16	7°♊43'17		morning set	-11456 Nov 08 j 05:02	20°Ω24'19	
max. Earth dist.	-11457 Nov 30 j 20:36	16°♊16'11	1.34982 AU	max. Earth dist.	-11456 Nov 12 j 03:19	27°Ω41'06	1.36539 AU
					-11456 Nov 13 j 08:29	0°♊	
superior conj	-11457 Dec 05 j 00:52	24°♊46'09	-1°31'14	superior conj	-11456 Nov 17 j 19:23	8°♊43'24	-1°38'20
minimum elong	-11457 Dec 05 j 02:32	24°♊54'49	1°31'01	minimum elong	-11456 Nov 17 j 20:02	8°♊46'40	1°38'03
	-11457 Dec 07 j 13:08	0°♊		evening rise	-11456 Nov 25 j 18:14	24°♊51'38	
evening rise	-11457 Dec 12 j 12:26	10°♊23'27			-11456 Nov 28 j 07:49	0°♊	
asc. node	-11457 Dec 17 j 10:42	20°♊15'03		asc. node	-11456 Dec 03 j 08:03	9°♊24'23	
	-11457 Dec 22 j 22:55	0°♊		evening max el	-11456 Dec 13 j 14:57	23°♊35'07	19°53'57
evening max el	-11456 Jan 01 j 05:43	11°♊54'17	21°08'23	retrograde	-11456 Dec 23 j 11:43	28°♊13'35	
retrograde	-11456 Jan 12 j 16:34	17°♊17'26		evening set	-11456 Dec 26 j 01:43	27°♊55'58	
evening set	-11456 Jan 15 j 11:31	16°♊59'26		inferior conj	-11455 Jan 03 j 13:29	23°♊52'25	3°38'09
inferior conj	-11456 Jan 24 j 10:08	13°♊00'26	2°23'30	minimum elong	-11455 Jan 03 j 18:30	23°♊44'32	3°37'02
minimum elong	-11456 Jan 24 j 15:31	12°♊52'42	2°21'36	min. Earth dist.	-11455 Jan 05 j 19:47	22°♊27'53	0.56329 AU
min. Earth dist.	-11456 Jan 25 j 06:36	12°♊31'01	0.55529 AU	morning rise	-11455 Jan 12 j 09:21	19°♊16'16	
morning rise	-11456 Feb 02 j 18:34	8°♊46'12		direct	-11455 Jan 16 j 15:32	18°♊35'57	
desc. node	-11456 Feb 03 j 02:16	8°♊42'12		desc. node	-11455 Jan 19 j 23:02	19°♊01'02	
direct	-11456 Feb 05 j 19:09	8°♊25'58		morning max el	-11455 Jan 30 j 09:01	25°♊27'26	23°58'02
morning max el	-11456 Feb 18 j 16:19	14°♊42'44	22°21'15		-11455 Feb 03 j 14:18	0°♊	
	-11456 Mar 01 j 06:19	0°♊			-11455 Feb 21 j 19:36	0°♊	
morning set	-11456 Mar 11 j 07:09	19°♊04'07		morning set	-11455 Feb 23 j 19:24	4°♊07'22	
asc. node	-11456 Mar 14 j 08:49	25°♊31'24		asc. node	-11455 Mar 01 j 05:57	15°♊45'01	
	-11456 Mar 16 j 11:27	0°♊					
superior conj	-11456 Mar 18 j 13:39	4°♊25'24	0°38'59	superior conj	-11455 Mar 02 j 20:43	19°♊13'47	0°15'25
minimum elong	-11456 Mar 18 j 12:00	4°♊16'41	0°38'03	minimum elong	-11455 Mar 02 j 20:05	19°♊10'21	0°14'40
max. Earth dist.	-11456 Mar 21 j 12:52	10°♊36'35	1.34401 AU	behind sun begin	-11455 Mar 02 j 18:11	19°♊00'09	
evening rise	-11456 Mar 26 j 14:01	20°♊44'12		behind sun end	-11455 Mar 02 j 21:59	19°♊20'34	
	-11456 Mar 31 j 11:53	0°♊		max. Earth dist.	-11455 Mar 04 j 17:25	23°♊12'52	1.33530 AU
	-11456 Apr 19 j 08:37	0°♊			-11455 Mar 07 j 22:59	0°♊	
evening max el	-11456 Apr 30 j 04:02	12°♊45'22	27°12'48	evening rise	-11455 Mar 10 j 09:54	5°♊00'09	
desc. node	-11456 May 01 j 01:34	13°♊36'54			-11455 Mar 24 j 04:34	0°♊	
retrograde	-11456 May 13 j 14:30	20°♊17'50		evening max el	-11455 Apr 12 j 13:55	25°♊39'08	27°27'03
evening set	-11456 May 20 j 11:24	17°♊33'09		desc. node	-11455 Apr 17 j 22:50	0°♊07'31	
min. Earth dist.	-11456 May 24 j 05:29	13°♊53'29	0.64598 AU		-11455 Apr 17 j 18:27	0°♊	
inferior conj	-11456 May 26 j 09:48	11°♊25'13	-3°21'35	retrograde	-11455 Apr 26 j 09:10	3°♊12'35	
minimum elong	-11456 May 26 j 11:23	11°♊20'44	3°21'40	evening set	-11455 May 03 j 07:55	0°♊42'23	
morning rise	-11456 Jun 01 j 11:52	5°♊54'14			-11455 May 04 j 06:14	30°♊	
direct	-11456 Jun 04 j 10:32	5°♊07'40		min. Earth dist.	-11455 May 06 j 23:47	27°♊32'15	0.62995 AU
asc. node	-11456 Jun 10 j 09:07	8°♊05'04		inferior conj	-11455 May 09 j 18:19	24°♊42'57	-3°30'18
morning max el	-11456 Jun 10 j 22:59	8°♊38'46	18°19'11	minimum elong	-11455 May 09 j 18:35	24°♊42'18	3°30'41
	-11456 Jun 25 j 11:13	0°♊		morning rise	-11455 May 16 j 06:19	19°♊30'00	
morning set	-11456 Jun 29 j 18:37	7°♊12'36		direct	-11455 May 19 j 00:10	18°♊53'30	
				morning max el	-11455 May 25 j 12:50	22°♊15'56	18°03'11
superior conj	-11456 Jul 13 j 20:20	0°♊18'00	1°16'29	asc. node	-11455 May 28 j 05:56	25°♊21'32	
minimum elong	-11456 Jul 14 j 02:56	0°♊44'28	1°16'10		-11455 May 31 j 12:51	0°♊	
	-11456 Jul 13 j 15:51	0°♊		morning set	-11455 Jun 11 j 15:11	18°♊46'08	
max. Earth dist.	-11456 Jul 17 j 08:30	5°♊54'15	1.44298 AU		-11455 Jun 18 j 02:19	0°♊	
desc. node	-11456 Jul 27 j 22:28	22°♊34'23		superior conj	-11455 Jun 23 j 20:06	9°♊42'39	1°40'55
evening rise	-11456 Jul 30 j 11:32	26°♊32'49		minimum elong	-11455 Jun 24 j 00:11	9°♊59'40	1°40'45
	-11456 Aug 01 j 16:43	0°♊		max. Earth dist.	-11455 Jun 29 j 22:07	19°♊41'53	1.43345 AU
greatest brilliancy	-11456 Aug 11 j 02:06	14°♊28'43	-0.7m		-11455 Jul 06 j 09:07	0°♊	
	-11456 Aug 22 j 04:06	0°♊		evening rise	-11455 Jul 09 j 12:57	4°♊56'48	
evening max el	-11456 Aug 24 j 06:35	2°♊20'04	19°42'34	desc. node	-11455 Jul 14 j 19:51	13°♊06'16	
retrograde	-11456 Aug 31 j 14:54	6°♊34'14			-11455 Jul 26 j 03:22	0°♊	
evening set	-11456 Sep 04 j 01:32	5°♊25'26		evening max el	-11455 Aug 07 j 08:26	15°♊46'34	20°45'17
asc. node	-11456 Sep 06 j 09:42	3°♊23'32		retrograde	-11455 Aug 15 j 11:36	20°♊32'34	
	-11456 Sep 09 j 05:41	30°♊		evening set	-11455 Aug 19 j 09:27	19°♊05'18	
inferior conj	-11456 Sep 09 j 15:30	29°♊28'09	1°01'18	asc. node	-11455 Aug 24 j 06:42	13°♊39'11	
minimum elong	-11456 Sep 09 j 14:06	29°♊32'43	1°01'23	inferior conj	-11455 Aug 24 j 18:30	12°♊59'19	0°09'22
min. Earth dist.	-11456 Sep 10 j 17:47	28°♊02'44	0.66160 AU	minimum elong	-11455 Aug 24 j 18:16	13°♊00'04	0°09'53
morning rise	-11456 Sep 15 j 02:22	23°♊10'02		transit middle	-11455 Aug 24 j 18:16	13°♊00'04	0°09'53
direct	-11456 Sep 20 j 23:57	20°♊39'13		transit begin	-11455 Aug 24 j 16:06	13°♊07'27	
morning max el	-11456 Oct 03 j 03:20	27°♊48'26	25°36'24	transit end	-11455 Aug 24 j 20:27	12°♊52'42	
	-11456 Oct 05 j 05:42	0°♊					

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

min. Earth dist.	-11455 Aug 25 j 09:45	12° Π 07'37	0.66811 AU	inferior conj	-11454 Aug 09 j 00:02	26° \mathcal{B} 34'26	-0°40'30
morning rise	-11455 Aug 30 j 02:56	6° Π 38'45		minimum elong	-11454 Aug 09 j 00:52	26° \mathcal{B} 31'32	0°39'40
direct	-11455 Sep 04 j 10:02	4° Π 24'19		min. Earth dist.	-11454 Aug 09 j 04:49	26° \mathcal{B} 17'55	0.67169 AU
morning max el	-11455 Sep 15 j 13:07	11° Π 03'43	24°17'36	asc. node	-11454 Aug 11 j 03:37	23° \mathcal{B} 40'24	
	-11455 Sep 30 j 15:55	0° \mathfrak{C}		morning rise	-11454 Aug 14 j 07:42	20° \mathcal{B} 15'06	
desc. node	-11455 Oct 10 j 18:19	15° \mathfrak{C} 04'03		direct	-11454 Aug 19 j 00:48	18° \mathcal{B} 18'59	
	-11455 Oct 19 j 21:56	0° Ω		morning max el	-11454 Aug 29 j 00:27	24° \mathcal{B} 19'31	22°53'28
morning set	-11455 Oct 21 j 01:57	2° Ω 00'00			-11454 Sep 03 j 00:27	0° Π	
max. Earth dist.	-11455 Oct 25 j 03:06	9° Ω 06'42	1.38416 AU		-11454 Sep 24 j 03:34	0° \mathfrak{C}	
				desc. node	-11454 Sep 27 j 15:15	5° \mathfrak{C} 28'18	
superior conj	-11455 Nov 01 j 02:20	22° Ω 01'10	-1°38'14	morning set	-11454 Oct 01 j 21:18	12° \mathfrak{C} 19'51	
minimum elong	-11455 Nov 01 j 01:22	21° Ω 56'29	1°37'47	max. Earth dist.	-11454 Oct 07 j 02:11	21° \mathfrak{C} 01'51	1.40399 AU
	-11455 Nov 05 j 05:10	0° \mathfrak{M}			-11454 Oct 12 j 05:41	0° Ω	
evening rise	-11455 Nov 09 j 18:16	8° \mathfrak{M} 57'33					
asc. node	-11455 Nov 20 j 05:22	27° \mathfrak{M} 58'23		superior conj	-11454 Oct 14 j 17:02	4° Ω 26'44	-1°28'42
	-11455 Nov 21 j 14:05	0° $\underline{\mathfrak{A}}$		minimum elong	-11454 Oct 14 j 14:05	4° Ω 13'18	1°27'57
evening max el	-11455 Nov 26 j 10:18	5° $\underline{\mathfrak{A}}$ 49'24	18°58'25	evening rise	-11454 Oct 24 j 09:50	22° Ω 34'22	
retrograde	-11455 Dec 04 j 22:06	9° $\underline{\mathfrak{A}}$ 54'01			-11454 Oct 28 j 08:41	0° \mathfrak{M}	
evening set	-11455 Dec 07 j 10:05	9° $\underline{\mathfrak{A}}$ 34'18		asc. node	-11454 Nov 07 j 02:39	15° \mathfrak{M} 46'00	
inferior conj	-11455 Dec 15 j 08:54	5° $\underline{\mathfrak{A}}$ 14'30	4°13'13	evening max el	-11454 Nov 09 j 14:22	18° \mathfrak{M} 33'02	18°23'13
minimum elong	-11455 Dec 15 j 10:31	5° $\underline{\mathfrak{A}}$ 11'36	4°13'07	retrograde	-11454 Nov 17 j 02:10	22° \mathfrak{M} 16'16	
min. Earth dist.	-11455 Dec 18 j 10:02	3° $\underline{\mathfrak{A}}$ 04'46	0.57766 AU	evening set	-11454 Nov 19 j 13:42	21° \mathfrak{M} 52'56	
morning rise	-11455 Dec 23 j 08:56	0° $\underline{\mathfrak{A}}$ 13'55		inferior conj	-11454 Nov 26 j 23:40	17° \mathfrak{M} 12'25	4°13'21
	-11455 Dec 23 j 22:29	30° \mathfrak{R} \mathfrak{M}		minimum elong	-11454 Nov 26 j 21:57	17° \mathfrak{M} 15'57	4°13'25
direct	-11455 Dec 28 j 22:46	29° \mathfrak{M} 00'13		min. Earth dist.	-11454 Nov 30 j 04:38	14° \mathfrak{M} 34'46	0.59551 AU
	-11454 Jan 02 j 23:44	0° $\underline{\mathfrak{A}}$		morning rise	-11454 Dec 04 j 04:29	11° \mathfrak{M} 50'31	
desc. node	-11454 Jan 06 j 19:46	2° $\underline{\mathfrak{A}}$ 00'20		direct	-11454 Dec 10 j 17:42	9° \mathfrak{M} 58'46	
morning max el	-11454 Jan 11 j 23:54	6° $\underline{\mathfrak{A}}$ 11'11	25°30'23	desc. node	-11454 Dec 24 j 16:26	17° \mathfrak{M} 14'31	
	-11454 Jan 29 j 09:26	0° \mathfrak{M}		morning max el	-11454 Dec 24 j 18:53	17° \mathfrak{M} 20'23	26°43'19
morning set	-11454 Feb 08 j 07:46	19° \mathfrak{M} 12'31			-11453 Jan 04 j 08:41	0° $\underline{\mathfrak{A}}$	
	-11454 Feb 13 j 08:29	0° \mathfrak{X}			-11453 Jan 21 j 17:16	0° \mathfrak{M}	
				morning set	-11453 Jan 23 j 18:28	4° \mathfrak{M} 12'59	
superior conj	-11454 Feb 15 j 07:01	4° \mathfrak{X} 13'19	-0°08'02				
minimum elong	-11454 Feb 15 j 07:22	4° \mathfrak{X} 15'16	0°08'32	superior conj	-11453 Jan 30 j 18:47	19° \mathfrak{M} 17'50	-0°30'31
behind sun begin	-11454 Feb 15 j 03:07	3° \mathfrak{X} 52'05		minimum elong	-11453 Jan 30 j 20:00	19° \mathfrak{M} 24'27	0°30'44
behind sun end	-11454 Feb 15 j 11:38	4° \mathfrak{X} 38'27		max. Earth dist.	-11453 Jan 30 j 17:33	19° \mathfrak{M} 11'02	1.32777 AU
max. Earth dist.	-11454 Feb 16 j 04:10	6° \mathfrak{X} 08'16	1.32992 AU	asc. node	-11453 Feb 03 j 00:18	26° \mathfrak{M} 19'56	
asc. node	-11454 Feb 16 j 03:06	6° \mathfrak{X} 02'29			-11453 Feb 04 j 17:16	0° \mathfrak{X}	
evening rise	-11454 Feb 22 j 12:55	19° \mathfrak{X} 38'24		evening rise	-11453 Feb 06 j 20:36	4° \mathfrak{X} 30'44	
	-11454 Feb 27 j 18:45	0° \mathfrak{Z}			-11453 Feb 20 j 14:49	0° \mathfrak{Z}	
	-11454 Mar 18 j 16:34	0° \approx		evening max el	-11453 Mar 07 j 20:58	19° \mathfrak{Z} 45'41	26°18'56
evening max el	-11454 Mar 25 j 20:04	8° \approx 00'49	27°08'58	retrograde	-11453 Mar 22 j 00:09	27° \mathfrak{Z} 06'53	
desc. node	-11454 Apr 04 j 20:03	14° \approx 48'12		desc. node	-11453 Mar 22 j 17:09	27° \mathfrak{Z} 05'37	
retrograde	-11454 Apr 08 j 20:51	15° \approx 30'46		evening set	-11453 Mar 27 j 22:24	25° \mathfrak{Z} 38'18	
evening set	-11454 Apr 15 j 12:27	13° \approx 27'24		min. Earth dist.	-11453 Apr 01 j 10:19	22° \mathfrak{Z} 47'40	0.59112 AU
min. Earth dist.	-11454 Apr 19 j 08:54	10° \approx 34'32	0.61102 AU	inferior conj	-11453 Apr 04 j 18:16	20° \mathfrak{Z} 12'11	-2°49'57
inferior conj	-11454 Apr 22 j 14:20	7° \approx 41'10	-3°21'46	minimum elong	-11453 Apr 04 j 14:58	20° \mathfrak{Z} 18'39	2°49'58
minimum elong	-11454 Apr 22 j 12:44	7° \approx 44'45	3°22'09	morning rise	-11453 Apr 12 j 10:28	15° \mathfrak{Z} 38'55	
morning rise	-11454 Apr 29 j 15:02	2° \approx 47'58		direct	-11453 Apr 14 j 19:44	15° \mathfrak{Z} 18'42	
direct	-11454 May 02 j 04:35	2° \approx 20'16		morning max el	-11453 Apr 22 j 12:16	19° \mathfrak{Z} 00'45	18°27'18
morning max el	-11454 May 09 j 02:11	5° \approx 45'46	18°05'43		-11453 Apr 30 j 15:14	0° \approx	
asc. node	-11454 May 15 j 02:45	13° \approx 29'47		asc. node	-11453 May 01 j 23:35	2° \approx 18'23	
	-11454 May 24 j 14:42	0° \mathfrak{H}		morning set	-11453 May 08 j 15:44	14° \approx 38'29	
morning set	-11454 May 25 j 07:47	1° \mathfrak{H} 18'15			-11453 May 16 j 18:20	0° \mathfrak{H}	
superior conj	-11454 Jun 04 j 22:58	20° \mathfrak{H} 27'53	1°49'23	superior conj	-11453 May 18 j 02:06	2° \mathfrak{H} 26'49	1°45'11
minimum elong	-11454 Jun 04 j 23:23	20° \mathfrak{H} 29'41	1°49'13	minimum elong	-11453 May 18 j 00:04	2° \mathfrak{H} 17'28	1°44'47
	-11454 Jun 10 j 12:18	0° \mathfrak{Y}		max. Earth dist.	-11453 May 25 j 07:55	15° \mathfrak{H} 23'10	1.40060 AU
max. Earth dist.	-11454 Jun 12 j 05:57	2° \mathfrak{Y} 54'20	1.41860 AU	evening rise	-11453 May 30 j 00:02	23° \mathfrak{H} 19'20	
evening rise	-11454 Jun 18 j 18:57	13° \mathfrak{Y} 33'55			-11453 Jun 03 j 01:51	0° \mathfrak{Y}	
	-11454 Jun 29 j 09:39	0° \mathcal{B}		desc. node	-11453 Jun 18 j 14:43	23° \mathfrak{Y} 32'56	
desc. node	-11454 Jul 01 j 17:17	3° \mathcal{B} 27'32			-11453 Jun 23 j 06:56	0° \mathcal{B}	
evening max el	-11454 Jul 21 j 03:12	29° \mathcal{B} 08'32	21°59'43	evening max el	-11453 Jul 03 j 16:12	12° \mathcal{B} 28'28	23°21'06
	-11454 Jul 22 j 00:03	0° Π		retrograde	-11453 Jul 13 j 23:56	18° \mathcal{B} 36'08	
retrograde	-11454 Jul 30 j 07:03	4° Π 34'08		evening set	-11453 Jul 19 j 01:09	16° \mathcal{B} 27'11	
evening set	-11454 Aug 03 j 17:57	2° Π 46'15		inferior conj	-11453 Jul 24 j 06:22	10° \mathcal{B} 12'10	-1°26'51
	-11454 Aug 06 j 10:08	30° \mathfrak{R} \mathcal{B}		minimum elong	-11453 Jul 24 j 08:03	10° \mathcal{B} 06'22	1°25'53

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

min. Earth dist.	-11453 Jul 24 j 00:33	10° $\text{8}^{\circ}32'16''$	0.67228 AU		-11452 Jul 02 j 08:10	30° $\text{8}^{\circ}\text{Y}$	
asc. node	-11453 Jul 29 j 00:29	4° $\text{8}^{\circ}28'03''$		inferior conj	-11452 Jul 07 j 11:45	23° $\text{9}^{\circ}\text{Y}50'58''$	-2°08'21
morning rise	-11453 Jul 29 j 14:52	3° $\text{8}^{\circ}57'47''$		minimum elong	-11452 Jul 07 j 13:59	23° $\text{9}^{\circ}\text{Y}43'28''$	2°07'28
direct	-11453 Aug 02 j 19:26	2° $\text{8}^{\circ}19'51''$		min. Earth dist.	-11452 Jul 06 j 18:31	24° $\text{9}^{\circ}\text{Y}48'50''$	0.66968 AU
morning max el	-11453 Aug 11 j 15:53	7° $\text{8}^{\circ}37'49''$	21°32'03	morning rise	-11452 Jul 12 j 22:44	17° $\text{9}^{\circ}\text{Y}45'00''$	
	-11453 Aug 28 j 13:39	0° II		asc. node	-11452 Jul 14 j 21:19	16° $\text{9}^{\circ}\text{Y}42'30''$	
morning set	-11453 Sep 11 j 15:08	21° $\text{II}27'29''$		direct	-11452 Jul 16 j 16:36	16° $\text{9}^{\circ}\text{Y}23'57''$	
desc. node	-11453 Sep 14 j 12:16	26° $\text{II}02'05''$		morning max el	-11452 Jul 24 j 13:28	21° $\text{9}^{\circ}\text{Y}01'51''$	20°19'36
	-11453 Sep 16 j 23:19	0° III			-11452 Jul 31 j 19:22	0° 8	
max. Earth dist.	-11453 Sep 19 j 06:02	3° $\text{III}43'28''$	1.42226 AU	morning set	-11452 Aug 20 j 18:29	29° $\text{8}^{\circ}\text{Y}56'42''$	
					-11452 Aug 20 j 19:20	0° II	
superior conj	-11453 Sep 26 j 09:49	15° $\text{III}45'36''$	-1°07'26	desc. node	-11452 Aug 31 j 09:23	16° $\text{II}41'36''$	
minimum elong	-11453 Sep 26 j 05:29	15° $\text{III}26'58''$	1°06'21	max. Earth dist.	-11452 Aug 31 j 16:32	17° $\text{II}10'19''$	1.43637 AU
	-11453 Oct 04 j 11:38	0° II					
evening rise	-11453 Oct 07 j 13:23	5° $\text{II}33'28''$		superior conj	-11452 Sep 05 j 23:43	25° $\text{II}45'58''$	-0°33'19
	-11453 Oct 22 j 12:21	0° III		minimum elong	-11452 Sep 05 j 20:28	25° $\text{II}32'39''$	0°32'18
evening max el	-11453 Oct 24 j 00:32	1° $\text{III}38'25''$	18°07'57		-11452 Sep 08 j 13:20	0° III	
asc. node	-11453 Oct 24 j 23:54	2° $\text{III}33'10''$		evening rise	-11452 Sep 19 j 00:15	17° $\text{III}44'10''$	
retrograde	-11453 Oct 30 j 21:35	5° $\text{III}11'36''$			-11452 Sep 26 j 03:43	0° II	
evening set	-11453 Nov 02 j 10:25	4° $\text{III}42'56''$		evening max el	-11452 Oct 06 j 13:49	14° $\text{II}58'21''$	18°11'47
inferior conj	-11453 Nov 09 j 08:17	29° $\text{II}41'07''$	3°49'06	asc. node	-11452 Oct 10 j 21:07	18° $\text{II}04'10''$	
minimum elong	-11453 Nov 09 j 04:48	29° $\text{II}49'19''$	3°48'52	retrograde	-11452 Oct 13 j 04:39	18° $\text{II}31'36''$	
	-11453 Nov 09 j 00:15	30° $\text{II}8'19''$		evening set	-11452 Oct 15 j 20:43	17° $\text{II}55'26''$	
min. Earth dist.	-11453 Nov 12 j 06:34	26° $\text{II}56'19''$	0.61404 AU	inferior conj	-11452 Oct 22 j 07:37	12° $\text{II}34'01''$	3°10'01
morning rise	-11453 Nov 15 j 21:56	24° $\text{II}01'29''$		minimum elong	-11452 Oct 22 j 03:51	12° $\text{II}44'00''$	3°09'32
direct	-11453 Nov 22 j 22:28	21° $\text{II}38'51''$		min. Earth dist.	-11452 Oct 24 j 18:01	9° $\text{II}59'45''$	0.63106 AU
morning max el	-11453 Dec 06 j 20:07	29° $\text{II}06'56''$	27°25'46	morning rise	-11452 Oct 28 j 10:08	6° $\text{II}39'23''$	
	-11453 Dec 07 j 17:40	0° III		direct	-11452 Nov 04 j 10:57	3° $\text{II}59'18''$	
desc. node	-11453 Dec 11 j 13:05	4° $\text{III}08'59''$		morning max el	-11452 Nov 18 j 02:45	11° $\text{II}31'05''$	27°33'28
	-11453 Dec 29 j 02:30	0° III		desc. node	-11452 Nov 27 j 09:47	22° $\text{II}15'48''$	
morning set	-11452 Jan 08 j 01:30	19° $\text{III}00'09''$			-11452 Dec 02 j 22:22	0° III	
	-11452 Jan 13 j 06:24	0° III			-11452 Dec 20 j 08:59	0° III	
max. Earth dist.	-11452 Jan 14 j 05:51	2° $\text{III}06'55''$	1.32899 AU	morning set	-11452 Dec 22 j 02:32	3° $\text{III}26'05''$	
				max. Earth dist.	-11452 Dec 27 j 13:31	14° $\text{III}43'50''$	1.33391 AU
superior conj	-11452 Jan 15 j 06:18	4° $\text{III}19'50''$	-0°51'19				
minimum elong	-11452 Jan 15 j 08:08	4° $\text{III}29'47''$	0°51'20	superior conj	-11452 Dec 29 j 15:54	19° $\text{III}13'10''$	-1°09'40
asc. node	-11452 Jan 20 j 21:34	16° $\text{III}32'14''$		minimum elong	-11452 Dec 29 j 18:01	19° $\text{III}24'34''$	1°09'32
evening rise	-11452 Jan 22 j 06:56	19° $\text{III}28'38''$			-11451 Jan 03 j 16:02	0° III	
	-11452 Jan 27 j 12:07	0° III		evening rise	-11451 Jan 05 j 18:13	4° $\text{III}25'58''$	
	-11452 Feb 16 j 17:27	0° III		asc. node	-11451 Jan 06 j 18:53	6° $\text{III}34'36''$	
evening max el	-11452 Feb 17 j 16:42	0° $\text{III}56'44''$	25°02'42		-11451 Jan 19 j 18:04	0° III	
retrograde	-11452 Mar 02 j 16:26	8° $\text{III}00'13''$		evening max el	-11451 Jan 29 j 09:57	11° $\text{III}48'57''$	23°31'11
evening set	-11452 Mar 07 j 13:47	7° $\text{III}05'02''$		retrograde	-11451 Feb 11 j 19:48	18° $\text{III}22'16''$	
desc. node	-11452 Mar 08 j 14:10	6° $\text{III}40'28''$		evening set	-11451 Feb 15 j 15:41	17° $\text{III}50'08''$	
min. Earth dist.	-11452 Mar 13 j 06:14	4° $\text{III}03'24''$	0.57302 AU	min. Earth dist.	-11451 Feb 22 j 22:37	14° $\text{III}26'24''$	0.55992 AU
inferior conj	-11452 Mar 16 j 03:04	2° $\text{III}07'20''$	-1°49'01	desc. node	-11451 Feb 23 j 11:07	14° $\text{III}07'47''$	
minimum elong	-11452 Mar 15 j 23:34	2° $\text{III}13'16''$	1°48'43	inferior conj	-11451 Feb 24 j 16:29	13° $\text{III}23'39''$	-0°18'47
	-11452 Mar 19 j 10:19	30° $\text{III}8'27''$		minimum elong	-11451 Feb 24 j 15:41	13° $\text{III}24'51''$	0°19'07
morning rise	-11452 Mar 24 j 12:35	27° $\text{III}51'49''$		morning rise	-11451 Mar 05 j 17:56	9° $\text{III}19'36''$	
direct	-11452 Mar 26 j 18:00	27° $\text{III}37'07''$		direct	-11451 Mar 07 j 22:42	9° $\text{III}07'24''$	
	-11452 Apr 02 j 10:51	0° III		morning max el	-11451 Mar 18 j 10:28	14° $\text{III}05'16''$	20°09'37
morning max el	-11452 Apr 04 j 16:00	1° $\text{III}50'26''$	19°08'32		-11451 Mar 29 j 19:35	0° III	
asc. node	-11452 Apr 17 j 20:29	21° $\text{III}37'20''$		asc. node	-11451 Apr 04 j 17:27	11° $\text{III}19'02''$	
morning set	-11452 Apr 21 j 10:54	28° $\text{III}36'16''$		morning set	-11451 Apr 05 j 13:59	13° $\text{III}02'26''$	
	-11452 Apr 22 j 03:53	0° III					
superior conj	-11452 Apr 30 j 00:01	15° $\text{III}24'29''$	1°32'18	superior conj	-11451 Apr 13 j 11:43	29° $\text{III}06'55''$	1°13'53
minimum elong	-11452 Apr 29 j 21:02	15° $\text{III}10'06''$	1°31'33	minimum elong	-11451 Apr 13 j 08:50	28° $\text{III}52'27''$	1°12'55
max. Earth dist.	-11452 May 06 j 08:07	27° $\text{III}17'36''$	1.38192 AU		-11451 Apr 13 j 22:19	0° III	
	-11452 May 07 j 20:04	0° III		max. Earth dist.	-11451 Apr 18 j 12:34	9° $\text{III}00'23''$	1.36474 AU
evening rise	-11452 May 10 j 08:35	4° $\text{III}27'59''$		evening rise	-11451 Apr 22 j 16:33	16° $\text{III}49'08''$	
	-11452 May 26 j 03:20	0° Y			-11451 Apr 30 j 04:48	0° III	
desc. node	-11452 Jun 04 j 12:09	13° $\text{Y}15'34''$			-11451 May 20 j 10:32	0° Y	
evening max el	-11452 Jun 15 j 02:19	25° $\text{Y}49'49''$	24°42'31	desc. node	-11451 May 22 j 09:34	2° $\text{Y}25'45''$	
	-11452 Jun 19 j 22:02	0° 8		evening max el	-11451 May 28 j 12:12	9° $\text{Y}12'30''$	25°55'28
retrograde	-11452 Jun 26 j 13:06	2° $\text{8}^{\circ}34'51''$		retrograde	-11451 Jun 09 j 21:52	16° $\text{Y}24'56''$	
evening set	-11452 Jul 02 j 05:10	0° $\text{8}^{\circ}06'43''$		evening set	-11451 Jun 16 j 03:50	13° $\text{Y}42'43''$	
				min. Earth dist.	-11451 Jun 20 j 08:19	9° $\text{Y}04'08''$	0.66356 AU

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

inferior conj	-11451 Jun 21 j 14:16	7° Υ 28'16	-2°43'34			-11450 May 24 j 10:32	30° κ 11	
minimum elong	-11451 Jun 21 j 16:40	7° Υ 20'36	2°42'57	evening set		-11450 May 30 j 18:44	27° κ 12'58	
morning rise	-11451 Jun 27 j 05:33	1° Υ 33'58		min. Earth dist.		-11450 Jun 03 j 15:49	23° κ 13'12	0.65355 AU
direct	-11451 Jun 30 j 14:35	0° Υ 27'57		inferior conj		-11450 Jun 05 j 11:51	21° κ 01'56	-3°10'40
asc. node	-11451 Jul 01 j 18:08	0° Υ 35'17		minimum elong		-11450 Jun 05 j 13:54	20° κ 55'48	3°10'28
morning max el	-11451 Jul 07 j 17:34	4° Υ 32'37	19°20'15	morning rise		-11450 Jun 11 j 09:22	15° κ 21'58	
	-11451 Jul 25 j 14:21	0° δ		direct		-11450 Jun 14 j 11:21	14° κ 28'57	
morning set	-11451 Jul 31 j 03:04	8° δ 42'08		asc. node		-11450 Jun 18 j 14:57	15° κ 59'31	
	-11451 Aug 13 j 15:08	0° Π		morning max el		-11450 Jun 21 j 03:08	18° κ 09'31	18°36'36
max. Earth dist.	-11451 Aug 14 j 07:57	1° Π 06'36	1.44445 AU			-11450 Jun 29 j 22:32	0° Υ	
				morning set		-11450 Jul 11 j 08:33	18° Υ 25'59	
						-11450 Jul 18 j 11:50	0° δ	
superior conj	-11451 Aug 16 j 11:31	4° Π 31'19	0°10'44					
minimum elong	-11451 Aug 16 j 12:52	4° Π 36'43	0°11'07					
behind sun begin	-11451 Aug 16 j 04:31	4° Π 03'31		superior conj		-11450 Jul 26 j 11:24	12° δ 44'33	0°55'15
behind sun end	-11451 Aug 16 j 21:13	5° Π 09'55		minimum elong		-11450 Jul 26 j 17:23	13° δ 08'19	0°55'01
desc. node	-11451 Aug 18 j 06:35	7° Π 22'52		max. Earth dist.		-11450 Jul 28 j 00:52	15° δ 12'59	1.44555 AU
evening rise	-11451 Aug 31 j 12:46	28° Π 51'55		desc. node		-11450 Aug 05 j 03:52	28° δ 03'07	
	-11451 Sep 01 j 05:20	0° ϵ				-11450 Aug 06 j 09:28	0° Π	
evening max el	-11451 Sep 20 j 03:10	28° ϵ 25'29	18°33'46	evening rise		-11450 Aug 11 j 22:29	8° Π 45'30	
	-11451 Sep 21 j 20:07	0° Ω				-11450 Aug 25 j 12:56	0° ϵ	
retrograde	-11451 Sep 26 j 19:23	2° Ω 07'56		evening max el		-11450 Sep 03 j 13:48	11° ϵ 55'05	19°12'48
asc. node	-11451 Sep 27 j 18:17	2° Ω 02'52		retrograde		-11450 Sep 10 j 14:26	15° ϵ 55'28	
evening set	-11451 Sep 29 j 16:49	1° Ω 21'39		evening set		-11450 Sep 13 j 19:30	14° ϵ 55'56	
	-11451 Oct 01 j 16:12	30° κ 12		asc. node		-11450 Sep 14 j 15:24	14° ϵ 21'38	
inferior conj	-11451 Oct 05 j 18:14	25° ϵ 43'36	2°22'41	inferior conj		-11450 Sep 19 j 13:08	9° ϵ 04'39	1°31'24
minimum elong	-11451 Oct 05 j 15:05	25° ϵ 52'48	2°22'15	minimum elong		-11450 Sep 19 j 11:03	9° ϵ 11'13	1°31'17
min. Earth dist.	-11451 Oct 07 j 15:35	23° ϵ 31'24	0.64533 AU	min. Earth dist.		-11450 Sep 20 j 22:04	7° ϵ 20'59	0.65654 AU
morning rise	-11451 Oct 11 j 12:46	19° ϵ 36'51		morning rise		-11450 Sep 25 j 02:11	2° ϵ 49'20	
direct	-11451 Oct 18 j 06:06	16° ϵ 52'40		direct		-11450 Oct 01 j 07:33	0° ϵ 11'27	
morning max el	-11451 Oct 31 j 12:28	24° ϵ 23'45	27°08'14	morning max el		-11450 Oct 13 j 22:52	7° ϵ 32'54	26°15'44
	-11451 Nov 05 j 16:23	0° Ω				-11450 Oct 31 j 14:35	0° Ω	
desc. node	-11451 Nov 14 j 06:30	11° Ω 13'28		desc. node		-11450 Nov 01 j 03:15	0° Ω 47'11	
	-11451 Nov 26 j 06:20	0° η		morning set		-11450 Nov 18 j 21:58	0° η 33'38	
morning set	-11451 Dec 05 j 18:39	17° η 21'09				-11450 Nov 18 j 14:44	0° η	
max. Earth dist.	-11451 Dec 10 j 13:04	26° η 52'28	1.34282 AU	max. Earth dist.		-11450 Nov 23 j 01:52	8° η 30'08	1.35597 AU
	-11451 Dec 12 j 01:25	0° α						
				superior conj		-11450 Nov 27 j 21:04	18° η 05'52	-1°35'00
superior conj	-11451 Dec 13 j 21:37	3° α 51'05	-1°24'37	minimum elong		-11450 Nov 27 j 22:23	18° η 12'36	1°34'47
minimum elong	-11451 Dec 13 j 23:36	4° α 01'33	1°24'26			-11450 Dec 03 j 15:20	0° α	
evening rise	-11451 Dec 21 j 04:47	19° α 16'44		evening rise		-11450 Dec 05 j 12:52	3° α 54'58	
asc. node	-11451 Dec 24 j 16:14	26° α 21'51		asc. node		-11450 Dec 11 j 13:35	15° α 47'25	
	-11451 Dec 26 j 13:07	0° \mathbb{M}				-11450 Dec 20 j 14:43	0° \mathbb{M}	
evening max el	-11450 Jan 11 j 05:46	22° \mathbb{M} 45'38	21°57'58	evening max el		-11450 Dec 24 j 09:14	4° \mathbb{M} 07'25	20°34'33
retrograde	-11450 Jan 23 j 12:55	28° \mathbb{M} 36'49		retrograde		-11449 Jan 04 j 04:12	9° \mathbb{M} 11'13	
evening set	-11450 Jan 26 j 14:11	28° \mathbb{M} 16'06		evening set		-11449 Jan 06 j 20:07	8° \mathbb{M} 53'59	
inferior conj	-11450 Feb 04 j 16:17	24° \mathbb{M} 11'25	1°26'42	inferior conj		-11449 Jan 15 j 14:34	4° \mathbb{M} 54'41	2°59'48
minimum elong	-11450 Feb 04 j 19:55	24° \mathbb{M} 06'15	1°25'04	minimum elong		-11449 Jan 15 j 20:20	4° \mathbb{M} 46'08	2°58'05
min. Earth dist.	-11450 Feb 04 j 13:07	24° \mathbb{M} 15'56	0.55441 AU	min. Earth dist.		-11449 Jan 17 j 02:50	4° \mathbb{M} 01'06	0.55765 AU
desc. node	-11450 Feb 10 j 08:00	21° \mathbb{M} 15'42		morning rise		-11449 Jan 24 j 19:03	0° \mathbb{M} 31'50	
morning rise	-11450 Feb 14 j 02:01	20° \mathbb{M} 05'54		direct		-11449 Jan 28 j 06:48	0° \mathbb{M} 05'02	
direct	-11450 Feb 16 j 15:07	19° \mathbb{M} 51'14		desc. node		-11449 Jan 28 j 04:50	0° \mathbb{M} 05'03	
morning max el	-11450 Feb 28 j 17:54	25° \mathbb{M} 40'15	21°29'10	morning max el		-11449 Feb 10 j 14:57	6° \mathbb{M} 39'05	23°02'13
	-11450 Mar 04 j 16:58	0° \mathbb{X}				-11449 Feb 26 j 23:04	0° \mathbb{X}	
morning set	-11450 Mar 20 j 22:19	27° \mathbb{X} 49'08		morning set		-11449 Mar 05 j 09:40	12° \mathbb{X} 48'06	
	-11450 Mar 21 j 23:36	0° \mathbb{Z}		asc. node		-11449 Mar 09 j 11:35	21° \mathbb{X} 26'54	
asc. node	-11450 Mar 22 j 14:30	1° \mathbb{Z} 17'31						
				superior conj		-11449 Mar 12 j 13:34	28° \mathbb{X} 01'50	0°29'02
superior conj	-11450 Mar 28 j 09:17	13° \mathbb{Z} 22'55	0°52'15	minimum elong		-11449 Mar 12 j 12:20	27° \mathbb{X} 55'19	0°28'09
minimum elong	-11450 Mar 28 j 07:05	13° \mathbb{Z} 11'34	0°51'15			-11449 Mar 13 j 11:51	0° \mathbb{Z}	
max. Earth dist.	-11450 Apr 01 j 01:52	20° \mathbb{Z} 55'42	1.35049 AU	max. Earth dist.		-11449 Mar 15 j 01:02	3° \mathbb{Z} 15'36	1.33977 AU
evening rise	-11450 Apr 05 j 18:14	0° \approx 06'45		evening rise		-11449 Mar 20 j 08:35	14° \mathbb{Z} 04'58	
	-11450 Apr 05 j 16:49	0° \approx				-11449 Mar 28 j 21:42	0° \approx	
	-11450 Apr 23 j 06:47	0° \mathbb{X}				-11449 Apr 18 j 04:38	0° \mathbb{X}	
desc. node	-11450 May 09 j 06:57	20° \mathbb{X} 50'20		evening max el		-11449 Apr 23 j 09:21	5° \mathbb{X} 37'36	27°22'39
evening max el	-11450 May 10 j 22:49	22° \mathbb{X} 31'52	26°51'21	desc. node		-11449 Apr 26 j 04:17	8° \mathbb{X} 09'35	
	-11450 May 23 j 16:59	0° Υ		retrograde		-11449 May 07 j 00:17	13° \mathbb{X} 12'14	
retrograde	-11450 May 24 j 01:47	0° Υ 00'28		evening set		-11449 May 13 j 22:54	10° \mathbb{X} 31'47	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

min. Earth dist.	-11449 May 17 j 15:17	7° H 06'01	0.63954 AU	evening set	-11448 Apr 25 j 12:59	23° \approx 31'50	
inferior conj	-11449 May 20 j 01:56	4° H 26'47	-3°27'06	min. Earth dist.	-11448 Apr 29 j 05:48	20° \approx 30'28	0.62211 AU
minimum elong	-11449 May 20 j 03:02	4° H 23'47	3°27'20	inferior conj	-11448 May 02 j 05:32	17° \approx 37'00	-3°29'08
	-11449 May 24 j 18:22	30° R \approx		minimum elong	-11448 May 02 j 05:03	17° \approx 38'11	3°29'36
morning rise	-11449 May 26 j 07:56	29° \approx 03'26		morning rise	-11448 May 08 j 22:34	12° \approx 32'06	
direct	-11449 May 29 j 04:20	28° \approx 21'30		direct	-11448 May 11 j 14:26	11° \approx 59'35	
	-11449 Jun 02 j 14:11	0° H		morning max el	-11448 May 18 j 05:57	15° \approx 22'14	18°01'55
morning max el	-11449 Jun 04 j 16:04	1° H 47'49	18°10'11	asc. node	-11448 May 22 j 08:32	20° \approx 19'04	
asc. node	-11449 Jun 05 j 11:44	2° H 39'16			-11448 May 28 j 11:05	0° H	
morning set	-11449 Jun 22 j 15:25	29° H 20'13		morning set	-11448 Jun 03 j 21:03	11° H 19'41	
	-11449 Jun 23 j 00:44	0° Y			-11448 Jun 14 j 12:15	0° Y	
superior conj	-11449 Jul 05 j 21:43	21° Y 29'45	1°28'54	superior conj	-11448 Jun 15 j 08:50	1° Y 27'43	1°46'19
minimum elong	-11449 Jul 06 j 03:38	21° Y 53'51	1°28'38	minimum elong	-11448 Jun 15 j 11:18	1° Y 38'12	1°46'12
max. Earth dist.	-11449 Jul 10 j 15:50	29° Y 09'58	1.43964 AU	max. Earth dist.	-11448 Jun 22 j 02:43	12° Y 42'33	1.42764 AU
	-11449 Jul 11 j 04:21	0° B		evening rise	-11448 Jun 30 j 07:54	25° Y 51'28	
evening rise	-11449 Jul 22 j 07:32	17° B 30'33			-11448 Jul 02 j 23:39	0° B	
desc. node	-11449 Jul 23 j 01:13	18° B 39'08		desc. node	-11448 Jul 08 j 22:36	9° B 06'59	
	-11449 Jul 30 j 10:10	0° II			-11448 Jul 23 j 10:09	0° II	
evening max el	-11449 Aug 17 j 19:21	25° II 23'47	20°07'35	evening max el	-11448 Jul 30 j 18:15	8° II 48'50	21°15'51
retrograde	-11449 Aug 25 j 11:07	29° II 50'49		retrograde	-11448 Aug 08 j 07:22	13° II 50'47	
evening set	-11449 Aug 29 j 02:09	28° II 34'43		evening set	-11448 Aug 12 j 10:31	12° II 15'08	
asc. node	-11449 Sep 01 j 12:25	25° II 12'19		inferior conj	-11448 Aug 17 j 18:05	6° II 06'35	-0°12'06
inferior conj	-11449 Sep 03 j 13:48	22° II 33'24	0°39'08	minimum elong	-11448 Aug 17 j 18:20	6° II 05'45	0°11'26
minimum elong	-11449 Sep 03 j 12:55	22° II 36'22	0°39'25	transit middle	-11448 Aug 17 j 18:20	6° II 05'45	0°11'26
min. Earth dist.	-11449 Sep 04 j 11:22	21° II 21'49	0.66472 AU	transit begin	-11448 Aug 17 j 16:24	6° II 12'25	
morning rise	-11449 Sep 08 j 23:24	16° II 13'30		transit end	-11448 Aug 17 j 20:17	5° II 59'05	
direct	-11449 Sep 14 j 14:49	13° II 49'02		min. Earth dist.	-11448 Aug 18 j 04:57	5° II 29'25	0.66999 AU
morning max el	-11449 Sep 26 j 08:38	20° II 47'46	25°04'00	asc. node	-11448 Aug 18 j 09:22	5° II 14'19	
	-11449 Oct 04 j 08:14	0° B			-11448 Aug 22 j 19:38	30° R B	
desc. node	-11449 Oct 19 j 00:03	20° B 46'31		morning rise	-11448 Aug 23 j 02:00	29° B 46'05	
	-11449 Oct 24 j 19:10	0° Ω		direct	-11448 Aug 28 j 03:08	27° B 39'02	
morning set	-11449 Nov 01 j 07:39	12° Ω 49'45			-11448 Sep 03 j 03:49	0° II	
max. Earth dist.	-11449 Nov 05 j 04:39	19° Ω 50'55	1.37304 AU	morning max el	-11448 Sep 07 j 18:33	4° II 02'38	23°41'55
	-11449 Nov 10 j 13:00	0° M			-11448 Sep 27 j 15:27	0° B	
superior conj	-11449 Nov 11 j 11:13	1° M 48'30	-1°39'18	desc. node	-11448 Oct 04 j 20:53	11° B 03'15	
minimum elong	-11449 Nov 11 j 11:15	1° M 48'39	1°38'58	morning set	-11448 Oct 12 j 18:06	23° B 54'08	
evening rise	-11449 Nov 19 j 16:33	18° M 15'01			-11448 Oct 16 j 07:34	0° Ω	
	-11449 Nov 25 j 18:16	0° Ω		max. Earth dist.	-11448 Oct 17 j 03:03	1° Ω 25'07	1.39264 AU
asc. node	-11449 Nov 28 j 10:55	4° Ω 43'32		superior conj	-11448 Oct 24 j 11:56	14° Ω 46'23	-1°35'31
evening max el	-11449 Dec 06 j 22:58	16° Ω 03'53	19°27'56	minimum elong	-11448 Oct 24 j 10:07	14° Ω 37'54	1°34'56
retrograde	-11449 Dec 16 j 04:51	20° Ω 26'12			-11448 Nov 01 j 10:39	0° M	
evening set	-11449 Dec 18 j 17:39	20° Ω 08'00		evening rise	-11448 Nov 02 j 13:20	2° M 09'31	
inferior conj	-11449 Dec 27 j 00:03	15° Ω 58'56	3°57'51	asc. node	-11448 Nov 14 j 08:14	22° M 59'30	
minimum elong	-11449 Dec 27 j 03:49	15° Ω 52'43	3°57'15	evening max el	-11448 Nov 18 j 22:23	28° M 32'03	18°40'57
min. Earth dist.	-11449 Dec 29 j 16:36	14° Ω 13'08	0.56876 AU		-11448 Nov 20 j 14:55	0° Ω	
morning rise	-11448 Jan 04 j 11:47	11° Ω 11'52		retrograde	-11448 Nov 26 j 22:30	2° Ω 25'33	
direct	-11448 Jan 09 j 07:57	10° Ω 18'25		evening set	-11448 Nov 29 j 10:19	2° Ω 04'21	
desc. node	-11448 Jan 15 j 01:35	11° Ω 34'06			-11448 Dec 03 j 18:53	30° R M	
morning max el	-11448 Jan 23 j 06:04	17° Ω 20'37	24°38'41	inferior conj	-11448 Dec 07 j 03:37	27° M 36'07	4°16'54
	-11448 Feb 02 j 13:42	0° M		minimum elong	-11448 Dec 07 j 03:40	27° M 36'01	4°16'59
morning set	-11448 Feb 17 j 22:09	27° M 52'56		min. Earth dist.	-11448 Dec 10 j 08:08	25° M 12'05	0.58510 AU
	-11448 Feb 18 j 22:14	0° X		morning rise	-11448 Dec 14 j 19:10	22° M 26'20	
asc. node	-11448 Feb 24 j 08:43	11° X 42'53		direct	-11448 Dec 20 j 20:39	20° M 56'06	
superior conj	-11448 Feb 24 j 22:14	12° X 56'04	0°05'25	desc. node	-11448 Dec 31 j 22:16	25° M 34'46	
minimum elong	-11448 Feb 24 j 22:02	12° X 54'58	0°04'46	morning max el	-11447 Jan 03 j 21:55	28° M 11'46	26°04'26
behind sun begin	-11448 Feb 24 j 17:09	12° X 28'33			-11447 Jan 05 j 17:03	0° Ω	
behind sun end	-11448 Feb 25 j 02:55	13° X 21'22			-11447 Jan 25 j 22:19	0° M	
max. Earth dist.	-11448 Feb 26 j 08:27	16° X 00'29	1.33260 AU	morning set	-11447 Feb 01 j 10:01	12° M 56'37	
evening rise	-11448 Mar 03 j 07:52	28° X 31'51		superior conj	-11447 Feb 08 j 09:21	27° M 58'14	-0°17'45
	-11448 Mar 04 j 01:20	0° B		minimum elong	-11447 Feb 08 j 10:06	28° M 02'16	0°18'06
	-11448 Mar 21 j 03:19	0° \approx		max. Earth dist.	-11447 Feb 08 j 20:49	29° M 00'44	1.32868 AU
evening max el	-11448 Apr 04 j 17:58	18° \approx 18'56	27°23'29		-11447 Feb 09 j 07:41	0° X	
desc. node	-11448 Apr 12 j 01:33	23° \approx 57'22		asc. node	-11447 Feb 10 j 05:55	2° X 00'52	
retrograde	-11448 Apr 18 j 16:19	25° \approx 51'46		evening rise	-11447 Feb 15 j 13:08	13° X 17'08	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11447 Feb 24 j 04:40	0°☿			-11446 Feb 17 j 21:11	0°☿	
	-11447 Mar 17 j 11:36	0°♊		evening max el	-11446 Feb 27 j 20:45	11°☿54'45	25°49'02
evening max el	-11447 Mar 17 j 22:15	0°♊25'53	26°51'27	retrograde	-11446 Mar 13 j 22:57	19°☿09'20	
desc. node	-11447 Mar 29 j 22:42	7°♊40'54		desc. node	-11446 Mar 16 j 19:47	18°☿49'13	
retrograde	-11447 Apr 01 j 00:24	7°♊51'59		evening set	-11446 Mar 19 j 11:31	17°☿55'34	
evening set	-11447 Apr 07 j 09:46	6°♊03'17		min. Earth dist.	-11446 Mar 24 j 09:57	15°☿01'58	0.58303 AU
min. Earth dist.	-11447 Apr 11 j 11:29	3°♊13'00	0.60253 AU	inferior conj	-11446 Mar 27 j 15:11	12°☿41'03	-2°27'53
inferior conj	-11447 Apr 14 j 19:09	0°♊24'50	-3°11'31	minimum elong	-11446 Mar 27 j 11:31	12°☿47'48	2°27'42
minimum elong	-11447 Apr 14 j 16:45	0°♊29'56	3°11'48	morning rise	-11446 Apr 04 j 14:40	8°☿15'58	
	-11447 Apr 15 j 06:52	30°♋☿		direct	-11446 Apr 06 j 22:21	7°☿58'15	
morning rise	-11447 Apr 22 j 02:05	25°☿39'50		morning max el	-11446 Apr 15 j 01:54	11°☿51'20	18°42'30
direct	-11447 Apr 24 j 13:54	25°☿15'23		asc. node	-11446 Apr 26 j 02:15	27°☿48'06	
morning max el	-11447 May 01 j 18:10	28°☿46'14	18°12'32		-11446 Apr 27 j 06:58	0°♋	
	-11447 May 02 j 22:48	0°♋		morning set	-11446 May 01 j 09:55	7°♋51'07	
asc. node	-11447 May 09 j 05:21	8°♋45'43					
morning set	-11447 May 17 j 20:45	24°♋13'50		superior conj	-11446 May 10 j 10:23	25°♋11'16	1°40'35
	-11447 May 20 j 23:02	0°♌		minimum elong	-11446 May 10 j 07:47	24°♋59'04	1°40'01
					-11446 May 13 j 00:32	0°♌	
superior conj	-11447 May 27 j 22:34	12°♌45'31	1°48'55	max. Earth dist.	-11446 May 17 j 09:15	7°♌52'01	1.39254 AU
minimum elong	-11447 May 27 j 21:45	12°♌41'51	1°48'40	evening rise	-11446 May 21 j 15:09	15°♌13'48	
max. Earth dist.	-11447 Jun 04 j 08:20	25°♌38'32	1.41118 AU		-11446 May 30 j 16:06	0°♍	
	-11447 Jun 06 j 22:47	0°♍		desc. node	-11446 Jun 12 j 17:31	19°♍19'04	
evening rise	-11447 Jun 09 j 22:18	4°♍53'28			-11446 Jun 20 j 22:50	0°♎	
desc. node	-11447 Jun 25 j 20:03	29°♍22'23		evening max el	-11446 Jun 25 j 21:44	5°♎29'42	23°56'13
	-11447 Jun 26 j 06:24	0°♎		retrograde	-11446 Jul 06 j 17:07	11°♎54'13	
evening max el	-11447 Jul 13 j 10:27	22°♎10'15	22°33'56	evening set	-11446 Jul 12 j 00:48	9°♎36'23	
retrograde	-11447 Jul 23 j 01:45	27°♎53'12		inferior conj	-11446 Jul 17 j 06:18	3°♎20'45	-1°45'09
evening set	-11447 Jul 27 j 18:42	25°♎56'13		minimum elong	-11446 Jul 17 j 08:15	3°♎14'04	1°44'12
inferior conj	-11447 Aug 02 j 00:10	19°♎42'58	-1°00'39	min. Earth dist.	-11446 Jul 16 j 19:39	3°♎57'08	0.67156 AU
minimum elong	-11447 Aug 02 j 01:24	19°♎38'43	0°59'44		-11446 Jul 19 j 19:35	30°♏♍	
min. Earth dist.	-11447 Aug 02 j 00:29	19°♎41'53	0.67232 AU	morning rise	-11446 Jul 22 j 15:40	27°♏09'49	
asc. node	-11447 Aug 05 j 06:14	15°♎28'42		asc. node	-11446 Jul 23 j 03:05	26°♏49'23	
morning rise	-11447 Aug 07 j 08:00	13°♎25'34		direct	-11446 Jul 26 j 15:23	25°♏39'28	
direct	-11447 Aug 11 j 19:40	11°♎37'13			-11446 Aug 03 j 09:32	0°♎	
morning max el	-11447 Aug 21 j 07:16	17°♎19'03	22°18'12	morning max el	-11446 Aug 04 j 01:16	0°♎39'36	20°59'58
	-11447 Aug 31 j 14:31	0°♏			-11446 Aug 25 j 09:41	0°♏	
	-11447 Sep 20 j 18:38	0°♐		morning set	-11446 Sep 02 j 11:43	12°♏26'42	
desc. node	-11447 Sep 21 j 17:50	1°♐32'15		desc. node	-11446 Sep 08 j 14:55	22°♏08'48	
morning set	-11447 Sep 23 j 02:04	3°♐41'19		max. Earth dist.	-11446 Sep 11 j 11:15	26°♏44'30	1.42887 AU
max. Earth dist.	-11447 Sep 29 j 04:13	13°♐41'26	1.41220 AU		-11446 Sep 13 j 11:07	0°♐	
superior conj	-11447 Oct 06 j 18:04	26°♐45'51	-1°21'15	superior conj	-11446 Sep 17 j 23:47	7°♐31'42	-0°54'29
minimum elong	-11447 Oct 06 j 14:21	26°♐29'24	1°20'20	minimum elong	-11446 Sep 17 j 19:30	7°♐13'37	0°53'23
	-11447 Oct 08 j 13:33	0°♑		evening rise	-11446 Sep 29 j 21:24	28°♐12'01	
evening rise	-11447 Oct 17 j 00:18	15°♑31'48			-11446 Sep 30 j 21:42	0°♑	
	-11447 Oct 25 j 00:16	0°♒		evening max el	-11446 Oct 16 j 17:11	24°♑38'00	18°07'15
asc. node	-11447 Nov 01 j 05:29	10°♒23'17		asc. node	-11446 Oct 19 j 02:41	26°♑40'07	
evening max el	-11447 Nov 02 j 05:23	11°♒25'49	18°14'13	retrograde	-11446 Oct 23 j 10:47	28°♑10'29	
retrograde	-11447 Nov 09 j 09:42	15°♒03'27		evening set	-11446 Oct 26 j 00:38	27°♑39'00	
evening set	-11447 Nov 11 j 21:39	14°♒37'58		inferior conj	-11446 Nov 01 j 17:40	22°♑28'22	3°33'55
inferior conj	-11447 Nov 19 j 02:18	9°♒47'52	4°05'23	minimum elong	-11446 Nov 01 j 13:55	22°♑37'41	3°33'33
minimum elong	-11447 Nov 18 j 23:38	9°♒53'42	4°05'21	min. Earth dist.	-11446 Nov 04 j 11:09	19°♑46'13	0.62151 AU
min. Earth dist.	-11447 Nov 22 j 05:11	7°♒05'06	0.60356 AU	morning rise	-11446 Nov 08 j 02:06	16°♑41'42	
morning rise	-11447 Nov 26 j 00:11	4°♒18'11		direct	-11446 Nov 15 j 03:40	14°♑10'07	
direct	-11447 Dec 02 j 19:40	2°♒12'15		morning max el	-11446 Nov 28 j 23:35	21°♑40'35	27°33'21
morning max el	-11447 Dec 16 j 19:30	9°♒35'57	27°05'29	desc. node	-11446 Dec 05 j 15:36	29°♑04'03	
desc. node	-11447 Dec 18 j 18:55	11°♒35'25			-11446 Dec 06 j 09:29	0°♒	
	-11446 Jan 01 j 14:55	0°♓			-11446 Dec 25 j 13:35	0°♓	
morning set	-11446 Jan 16 j 19:25	27°♓52'17		morning set	-11445 Jan 01 j 00:18	12°♓32'30	
	-11446 Jan 17 j 19:54	0°♔		max. Earth dist.	-11445 Jan 06 j 21:22	24°♓53'39	1.33062 AU
superior conj	-11446 Jan 23 j 21:13	13°♔02'08	-0°39'37	superior conj	-11445 Jan 08 j 08:11	28°♓01'52	-0°59'27
minimum elong	-11446 Jan 23 j 22:43	13°♔10'21	0°39'44	minimum elong	-11445 Jan 08 j 10:11	28°♓12'43	0°59'24
max. Earth dist.	-11446 Jan 23 j 10:23	12°♔02'58	1.32796 AU		-11445 Jan 09 j 05:58	0°♔	
asc. node	-11446 Jan 28 j 03:10	22°♔16'33		evening rise	-11445 Jan 15 j 09:12	13°♔11'38	
evening rise	-11446 Jan 30 j 22:12	28°♔12'37		asc. node	-11445 Jan 15 j 00:27	12°♔25'37	
	-11446 Jan 31 j 18:51	0°♕			-11445 Jan 23 j 23:35	0°♕	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening max el	-11445 Feb 09 j 14:47	22° ♁ 55'20	24°24'44	asc. node	-11444 Jan 01 j 21:47	2° ♁ 22'22	
retrograde	-11445 Feb 23 j 10:15	29° ♁ 48'28			-11444 Jan 18 j 18:16	0° ♁	
evening set	-11445 Feb 27 j 20:22	29° ♁ 04'27		evening max el	-11444 Jan 22 j 08:30	3° ♁ 47'10	22°51'02
desc. node	-11445 Mar 03 j 16:47	27° ♁ 22'12		retrograde	-11444 Feb 04 j 09:01	10° ♁ 04'00	
min. Earth dist.	-11445 Mar 06 j 04:06	25° ♁ 54'49	0.56665 AU	evening set	-11444 Feb 07 j 19:29	9° ♁ 38'13	
inferior conj	-11445 Mar 08 j 15:33	24° ♁ 19'56	-1°13'55	min. Earth dist.	-11444 Feb 15 j 19:57	6° ♁ 00'45	0.55654 AU
minimum elong	-11445 Mar 08 j 12:49	24° ♁ 24'18	1°13'43	inferior conj	-11444 Feb 16 j 22:09	5° ♁ 22'38	0°25'31
morning rise	-11445 Mar 17 j 08:23	20° ♁ 10'52		minimum elong	-11444 Feb 16 j 23:13	5° ♁ 21'04	0°24'36
direct	-11445 Mar 19 j 12:44	19° ♁ 57'47		desc. node	-11444 Feb 18 j 13:43	4° ♁ 25'39	
morning max el	-11445 Mar 29 j 02:12	24° ♁ 28'26	19°32'11	morning rise	-11444 Feb 26 j 04:28	1° ♁ 19'33	
	-11445 Apr 02 j 20:13	0° ♁		direct	-11444 Feb 28 j 11:00	1° ♁ 07'11	
asc. node	-11445 Apr 12 j 23:14	17° ♁ 17'59		morning max el	-11444 Mar 10 j 16:12	6° ♁ 27'16	20°41'16
morning set	-11445 Apr 15 j 08:51	22° ♁ 02'19			-11444 Mar 26 j 06:58	0° ♁	
	-11445 Apr 19 j 08:07	0° ♁		morning set	-11444 Mar 29 j 14:29	6° ♁ 38'02	
				asc. node	-11444 Mar 29 j 20:15	7° ♁ 07'30	
superior conj	-11445 Apr 23 j 14:49	8° ♁ 30'17	1°25'01	superior conj	-11444 Apr 06 j 07:09	22° ♁ 28'23	1°05'00
minimum elong	-11445 Apr 23 j 11:46	8° ♁ 15'23	1°24'09	minimum elong	-11444 Apr 06 j 04:31	22° ♁ 14'56	1°04'00
max. Earth dist.	-11445 Apr 29 j 10:11	19° ♁ 36'56	1.37428 AU		-11444 Apr 10 j 01:12	0° ♁	
evening rise	-11445 May 03 j 10:26	26° ♁ 55'29			-11444 Apr 10 j 17:43	1° ♁ 21'11	1.35831 AU
	-11445 May 05 j 04:11	0° ♁		max. Earth dist.	-11444 Apr 15 j 02:41	9° ♁ 43'06	
	-11445 May 24 j 02:37	0° ♁		evening rise	-11444 Apr 26 j 18:32	0° ♁	
desc. node	-11445 May 30 j 14:56	8° ♁ 49'12		desc. node	-11444 May 16 j 12:20	27° ♁ 41'59	
evening max el	-11445 Jun 08 j 07:17	18° ♁ 50'52	25°15'04		-11444 May 18 j 13:54	0° ♁	
retrograde	-11445 Jun 20 j 04:40	25° ♁ 49'47		evening max el	-11444 May 20 j 17:31	2° ♁ 13'17	26°21'51
evening set	-11445 Jun 26 j 02:49	23° ♁ 14'37		retrograde	-11444 Jun 02 j 11:34	9° ♁ 34'20	
min. Earth dist.	-11445 Jun 30 j 12:09	18° ♁ 13'17	0.66749 AU	evening set	-11444 Jun 08 j 22:32	6° ♁ 48'49	
inferior conj	-11445 Jul 01 j 10:41	16° ♁ 58'53	-2°24'13	min. Earth dist.	-11444 Jun 12 j 23:42	2° ♁ 26'42	0.65974 AU
minimum elong	-11445 Jul 01 j 13:03	16° ♁ 51'06	2°23'25	inferior conj	-11444 Jun 14 j 11:25	0° ♁ 35'20	-2°56'15
morning rise	-11445 Jul 06 j 23:17	10° ♁ 57'32		minimum elong	-11444 Jun 14 j 13:44	0° ♁ 28'07	2°55'47
asc. node	-11445 Jul 09 j 23:56	9° ♁ 45'01			-11444 Jun 14 j 22:47	30° ♁	
direct	-11445 Jul 10 j 13:03	9° ♁ 43'19		morning rise	-11444 Jun 20 j 05:05	24° ♁ 46'33	
morning max el	-11445 Jul 18 j 01:44	14° ♁ 06'30	19°52'32	direct	-11444 Jun 23 j 10:51	23° ♁ 46'19	
	-11445 Jul 29 j 23:59	0° ♁		asc. node	-11444 Jun 25 j 20:48	24° ♁ 18'09	
morning set	-11445 Aug 12 j 14:40	20° ♁ 55'15		morning max el	-11444 Jun 30 j 08:19	27° ♁ 39'56	18°59'34
	-11445 Aug 18 j 09:55	0° ♁			-11444 Jul 02 j 10:22	0° ♁	
max. Earth dist.	-11445 Aug 24 j 23:39	10° ♁ 23'44	1.44052 AU	morning set	-11444 Jul 22 j 06:52	0° ♁ 01'56	
desc. node	-11445 Aug 26 j 12:04	12° ♁ 49'11			-11444 Jul 22 j 06:23	0° ♁	
superior conj	-11445 Aug 29 j 01:45	16° ♁ 57'02	-0°15'25	max. Earth dist.	-11444 Aug 06 j 15:37	24° ♁ 24'54	1.44573 AU
minimum elong	-11445 Aug 29 j 00:06	16° ♁ 50'23	0°14'37	superior conj	-11444 Aug 07 j 06:01	25° ♁ 21'52	0°30'17
behind sun begin	-11445 Aug 28 j 19:13	16° ♁ 30'42		minimum elong	-11444 Aug 07 j 09:42	25° ♁ 36'27	0°30'21
behind sun end	-11445 Aug 29 j 04:59	17° ♁ 10'05			-11444 Aug 10 j 04:15	0° ♁	
	-11445 Sep 06 j 01:02	0° ♁		desc. node	-11444 Aug 12 j 09:17	3° ♁ 30'26	
evening rise	-11445 Sep 11 j 23:26	9° ♁ 57'12		evening rise	-11444 Aug 23 j 00:51	20° ♁ 33'56	
	-11445 Sep 24 j 03:02	0° ♁			-11444 Aug 28 j 21:01	0° ♁	
evening max el	-11445 Sep 30 j 06:50	8° ♁ 01'25	18°19'04	evening max el	-11444 Sep 12 j 19:26	21° ♁ 30'34	18°48'30
asc. node	-11445 Oct 05 j 23:53	11° ♁ 33'24		retrograde	-11444 Sep 19 j 14:20	25° ♁ 19'21	
retrograde	-11445 Oct 06 j 21:33	11° ♁ 37'45		asc. node	-11444 Sep 21 j 21:01	24° ♁ 49'54	
evening set	-11445 Oct 09 j 15:31	10° ♁ 57'48		evening set	-11444 Sep 22 j 14:46	24° ♁ 27'50	
inferior conj	-11445 Oct 15 j 22:12	5° ♁ 29'10	2°50'40	inferior conj	-11444 Sep 28 j 12:40	18° ♁ 44'06	2°01'14
minimum elong	-11445 Oct 15 j 18:37	5° ♁ 39'06	2°50'11	minimum elong	-11444 Sep 28 j 09:56	18° ♁ 52'20	2°00'55
min. Earth dist.	-11445 Oct 18 j 03:10	3° ♁ 02'50	0.63740 AU	min. Earth dist.	-11444 Sep 30 j 04:43	16° ♁ 43'16	0.65045 AU
	-11445 Oct 21 j 05:45	30° ♁		morning rise	-11444 Oct 04 j 04:37	12° ♁ 33'25	
morning rise	-11445 Oct 21 j 20:57	29° ♁ 28'48		direct	-11444 Oct 10 j 17:25	9° ♁ 50'30	
direct	-11445 Oct 28 j 19:20	26° ♁ 45'08		morning max el	-11444 Oct 23 j 17:53	17° ♁ 18'46	26°48'50
	-11445 Nov 06 j 06:01	0° ♁			-11444 Nov 03 j 11:58	0° ♁	
morning max el	-11445 Nov 11 j 07:53	4° ♁ 18'28	27°26'32	desc. node	-11444 Nov 08 j 09:01	6° ♁ 49'19	
desc. node	-11445 Nov 22 j 12:18	17° ♁ 34'41			-11444 Nov 22 j 17:26	0° ♁	
	-11445 Nov 30 j 21:46	0° ♁		morning set	-11444 Nov 28 j 09:11	10° ♁ 25'35	
morning set	-11445 Dec 15 j 22:00	26° ♁ 47'07		max. Earth dist.	-11444 Dec 02 j 20:44	19° ♁ 12'50	1.34787 AU
	-11445 Dec 17 j 12:34	0° ♁					
max. Earth dist.	-11445 Dec 21 j 01:50	7° ♁ 18'58	1.33712 AU	superior conj	-11444 Dec 06 j 19:48	27° ♁ 19'18	-1°29'39
superior conj	-11445 Dec 23 j 16:25	12° ♁ 49'56	-1°16'29	minimum elong	-11444 Dec 06 j 21:35	27° ♁ 28'32	1°29'28
minimum elong	-11445 Dec 23 j 18:32	13° ♁ 01'16	1°16'20		-11444 Dec 08 j 02:37	0° ♁	
evening rise	-11445 Dec 30 j 20:23	28° ♁ 06'59		evening rise	-11444 Dec 14 j 06:06	12° ♁ 53'06	
	-11445 Dec 31 j 18:04	0° ♁		asc. node	-11444 Dec 18 j 19:05	22° ♁ 01'04	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11444 Dec 23 j 04:00	0°♌		asc. node	-11443 Dec 05 j 16:24	11°♑14'41	
evening max el	-11443 Jan 03 j 07:15	14°♌53'16	21°20'50	evening max el	-11443 Dec 16 j 14:54	26°♑28'40	20°03'55
retrograde	-11443 Jan 14 j 23:27	20°♌23'29			-11443 Dec 21 j 13:34	0°♌	
evening set	-11443 Jan 17 j 19:50	20°♌04'57		retrograde	-11443 Dec 26 j 17:19	1°♌13'33	
inferior conj	-11443 Jan 26 j 19:38	16°♌05'08	2°09'19	evening set	-11443 Dec 29 j 07:42	0°♌56'05	
minimum elong	-11443 Jan 27 j 00:40	15°♌57'55	2°07'26		-11442 Jan 01 j 04:43	30°♑♑	
min. Earth dist.	-11443 Jan 27 j 10:07	15°♌44'26	0.55482 AU	inferior conj	-11442 Jan 06 j 21:15	26°♑53'58	3°29'22
desc. node	-11443 Feb 04 j 10:36	12°♌04'23		minimum elong	-11442 Jan 07 j 02:37	26°♑45'43	3°28'05
morning rise	-11443 Feb 05 j 04:52	11°♌53'37		min. Earth dist.	-11442 Jan 08 j 23:15	25°♑37'21	0.56156 AU
direct	-11443 Feb 08 j 02:07	11°♌35'09		morning rise	-11442 Jan 15 j 19:41	22°♑21'31	
morning max el	-11443 Feb 20 j 18:46	17°♌44'56	22°07'21	direct	-11442 Jan 19 j 20:51	21°♑45'15	
	-11443 Mar 02 j 10:34	0°♌		desc. node	-11442 Jan 22 j 07:23	21°♑58'48	
morning set	-11443 Mar 14 j 00:19	21°♌30'34		morning max el	-11442 Feb 02 j 12:24	28°♑32'36	23°43'38
asc. node	-11443 Mar 16 j 17:17	27°♌10'56			-11442 Feb 03 j 23:25	0°♌	
	-11443 Mar 18 j 01:16	0°♌			-11442 Feb 23 j 07:40	0°♌	
				morning set	-11442 Feb 26 j 12:24	6°♌33'15	
superior conj	-11443 Mar 21 j 07:52	6°♌54'45	0°42'31	asc. node	-11442 Mar 03 j 14:22	17°♌23'40	
minimum elong	-11443 Mar 21 j 06:04	6°♌45'18	0°41'33				
max. Earth dist.	-11443 Mar 24 j 11:28	13°♌26'57	1.34561 AU	superior conj	-11442 Mar 05 j 14:17	21°♌41'10	0°19'00
evening rise	-11443 Mar 29 j 10:18	23°♌19'40		minimum elong	-11442 Mar 05 j 13:29	21°♌36'55	0°18'14
	-11443 Apr 01 j 22:49	0°♌		max. Earth dist.	-11442 Mar 07 j 14:48	25°♌59'51	1.33635 AU
	-11443 Apr 20 j 09:31	0°♌			-11442 Mar 09 j 12:29	0°♌	
evening max el	-11443 May 03 j 04:33	15°♌28'57	27°08'07	evening rise	-11442 Mar 13 j 04:51	7°♌31'33	
desc. node	-11443 May 03 j 09:43	15°♌41'32			-11442 Mar 25 j 11:33	0°♌	
retrograde	-11443 May 16 j 13:07	23°♌00'21		evening max el	-11442 Apr 15 j 14:36	28°♌26'09	27°26'52
evening set	-11443 May 23 j 09:13	20°♌14'36			-11442 Apr 17 j 06:53	0°♌	
min. Earth dist.	-11443 May 27 j 04:00	16°♌29'55	0.64809 AU	desc. node	-11442 Apr 20 j 07:02	2°♌26'06	
inferior conj	-11443 May 29 j 06:09	14°♌05'52	-3°19'09	retrograde	-11442 Apr 29 j 08:44	6°♌00'03	
minimum elong	-11443 May 29 j 07:53	14°♌00'54	3°19'09	evening set	-11442 May 06 j 07:49	3°♌26'38	
morning rise	-11443 Jun 04 j 06:58	8°♌32'28		min. Earth dist.	-11442 May 09 j 23:35	0°♌12'55	0.63258 AU
direct	-11443 Jun 07 j 06:29	7°♌44'13			-11442 May 10 j 04:43	30°♑♑	
asc. node	-11443 Jun 12 j 17:36	10°♌16'12		inferior conj	-11442 May 12 j 16:12	27°♌25'42	-3°30'00
morning max el	-11443 Jun 13 j 19:30	11°♌17'22	18°23'07	minimum elong	-11442 May 12 j 16:42	27°♌24'24	3°30'22
	-11443 Jun 26 j 18:50	0°♌		morning rise	-11442 May 19 j 02:34	22°♌10'05	
morning set	-11443 Jul 02 j 23:11	10°♌15'41		direct	-11442 May 21 j 21:03	21°♌32'12	
	-11443 Jul 15 j 00:39	0°♌		morning max el	-11442 May 28 j 09:11	24°♌55'09	18°04'25
				asc. node	-11442 May 30 j 14:23	27°♌23'34	
superior conj	-11443 Jul 17 j 07:38	3°♌40'27	1°11'24		-11442 Jun 01 j 13:45	0°♌	
minimum elong	-11443 Jul 17 j 14:15	4°♌06'53	1°11'04	morning set	-11442 Jun 14 j 16:19	21°♌39'21	
max. Earth dist.	-11443 Jul 20 j 08:27	8°♌30'33	1.44390 AU		-11442 Jun 19 j 12:03	0°♌	
desc. node	-11443 Jul 30 j 06:35	24°♌09'04					
evening rise	-11443 Aug 02 j 23:02	29°♌55'22		superior conj	-11442 Jun 27 j 03:38	12°♌54'06	1°38'18
	-11443 Aug 03 j 00:14	0°♌		minimum elong	-11442 Jun 27 j 08:16	13°♌13'16	1°38'07
greatest brilliancy	-11443 Aug 13 j 18:07	16°♌40'50	-0.7m	max. Earth dist.	-11442 Jul 02 j 22:33	22°♌21'22	1.43528 AU
	-11443 Aug 22 j 22:50	0°♌			-11442 Jul 07 j 17:27	0°♌	
evening max el	-11443 Aug 27 j 04:12	4°♌59'55	19°34'21	evening rise	-11442 Jul 13 j 01:48	8°♌23'02	
retrograde	-11443 Sep 03 j 10:15	9°♌10'07		desc. node	-11442 Jul 17 j 03:57	14°♌42'04	
evening set	-11443 Sep 06 j 19:24	8°♌03'45			-11442 Jul 27 j 07:27	0°♌	
asc. node	-11443 Sep 08 j 18:06	6°♌27'35		evening max el	-11442 Aug 10 j 06:58	18°♌26'40	20°35'03
inferior conj	-11443 Sep 12 j 10:15	2°♌07'52	1°09'13	retrograde	-11442 Aug 18 j 07:00	23°♌07'37	
minimum elong	-11443 Sep 12 j 08:40	2°♌12'58	1°09'15	evening set	-11442 Aug 22 j 03:01	21°♌43'18	
min. Earth dist.	-11443 Sep 13 j 14:11	0°♌37'45	0.66041 AU	asc. node	-11442 Aug 26 j 15:06	16°♌50'38	
	-11443 Sep 14 j 02:04	30°♑♌		inferior conj	-11442 Aug 27 j 12:41	15°♌38'19	0°17'09
morning rise	-11443 Sep 17 j 21:37	25°♌50'25		minimum elong	-11442 Aug 27 j 12:17	15°♌39'39	0°17'36
direct	-11443 Sep 23 j 21:16	23°♌17'41		min. Earth dist.	-11442 Aug 28 j 05:31	14°♌41'29	0.66735 AU
	-11443 Oct 05 j 15:38	0°♌		morning rise	-11442 Sep 01 j 21:22	9°♌17'45	
morning max el	-11443 Oct 06 j 03:54	0°♌30'14	25°47'07	direct	-11442 Sep 07 j 06:33	7°♌00'42	
desc. node	-11443 Oct 26 j 05:46	26°♌34'27		morning max el	-11442 Sep 18 j 13:41	13°♌45'34	24°29'50
	-11443 Oct 28 j 11:14	0°♌			-11442 Oct 01 j 18:52	0°♌	
morning set	-11443 Nov 11 j 05:33	23°♌14'42		desc. node	-11442 Oct 13 j 02:33	16°♌41'28	
	-11443 Nov 14 j 20:31	0°♌			-11442 Oct 21 j 07:33	0°♌	
max. Earth dist.	-11443 Nov 15 j 04:58	0°♌40'15	1.36283 AU	morning set	-11442 Oct 24 j 05:56	5°♌01'03	
				max. Earth dist.	-11442 Oct 28 j 05:19	12°♌03'21	1.38120 AU
superior conj	-11443 Nov 20 j 15:40	11°♌20'59	-1°37'42				
minimum elong	-11443 Nov 20 j 16:31	11°♌25'15	1°37'26	superior conj	-11442 Nov 04 j 00:36	24°♌45'10	-1°38'50
evening rise	-11443 Nov 28 j 12:31	27°♌23'47		minimum elong	-11442 Nov 03 j 23:54	24°♌41'48	1°38'24
	-11443 Nov 29 j 19:25	0°♌			-11442 Nov 06 j 17:24	0°♌	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening rise	-11442 Nov 12 j 13:33	11° \mathbb{M} 33'17		minimum elong	-11441 Oct 17 j 15:27	7° Ω 07'48	1°30'10
asc. node	-11442 Nov 22 j 13:43	29° \mathbb{M} 54'38		evening rise	-11441 Oct 27 j 06:38	25° Ω 15'15	
	-11442 Nov 22 j 15:05	0° $\underline{\mathbf{A}}$			-11441 Oct 29 j 18:37	0° \mathbb{M}	
evening max el	-11442 Nov 29 j 08:45	8° $\underline{\mathbf{A}}$ 37'59	19°05'28	asc. node	-11441 Nov 09 j 11:01	17° \mathbb{M} 50'19	
retrograde	-11442 Dec 08 j 01:06	12° $\underline{\mathbf{A}}$ 46'59		evening max el	-11441 Nov 12 j 11:45	21° \mathbb{M} 18'11	18°27'11
evening set	-11442 Dec 10 j 13:09	12° $\underline{\mathbf{A}}$ 27'46		retrograde	-11441 Nov 20 j 02:26	25° \mathbb{M} 03'36	
inferior conj	-11442 Dec 18 j 13:55	8° $\underline{\mathbf{A}}$ 10'57	4°10'27	evening set	-11441 Nov 22 j 14:00	24° \mathbb{M} 40'53	
minimum elong	-11442 Dec 18 j 16:07	8° $\underline{\mathbf{A}}$ 07'06	4°10'14	inferior conj	-11441 Nov 30 j 01:51	20° \mathbb{M} 03'44	4°15'08
min. Earth dist.	-11442 Dec 21 j 13:21	6° $\underline{\mathbf{A}}$ 06'49	0.57514 AU	minimum elong	-11441 Nov 30 j 00:33	20° \mathbb{M} 06'21	4°15'14
morning rise	-11442 Dec 26 j 16:59	3° $\underline{\mathbf{A}}$ 13'41		min. Earth dist.	-11441 Dec 03 j 07:10	17° \mathbb{M} 28'49	0.59277 AU
direct	-11441 Jan 01 j 02:21	2° $\underline{\mathbf{A}}$ 05'31		morning rise	-11441 Dec 07 j 09:20	14° \mathbb{M} 44'50	
desc. node	-11441 Jan 09 j 04:05	4° $\underline{\mathbf{A}}$ 34'51		direct	-11441 Dec 13 j 19:57	12° \mathbb{M} 58'22	
morning max el	-11441 Jan 15 j 03:10	9° $\underline{\mathbf{A}}$ 14'52	25°17'35	desc. node	-11441 Dec 27 j 00:44	19° \mathbb{M} 30'45	
	-11441 Jan 30 j 16:23	0° \mathbb{M}		morning max el	-11441 Dec 27 j 21:16	20° \mathbb{M} 18'49	26°34'08
morning set	-11441 Feb 11 j 00:51	21° \mathbb{M} 38'31			-11440 Jan 05 j 06:46	0° $\underline{\mathbf{A}}$	
	-11441 Feb 14 j 22:40	0° \mathbb{X}			-11440 Jan 23 j 05:36	0° \mathbb{M}	
				morning set	-11440 Jan 26 j 11:54	6° \mathbb{M} 39'42	
superior conj	-11441 Feb 18 j 00:12	6° \mathbb{X} 39'34	-0°04'32	superior conj	-11440 Feb 02 j 11:52	21° \mathbb{M} 43'25	-0°27'12
minimum elong	-11441 Feb 18 j 00:25	6° \mathbb{X} 40'43	0°05'03	minimum elong	-11440 Feb 02 j 12:57	21° \mathbb{M} 49'23	0°27'27
behind sun begin	-11441 Feb 17 j 19:37	6° \mathbb{X} 14'35		max. Earth dist.	-11440 Feb 02 j 13:52	21° \mathbb{M} 54'22	1.32789 AU
behind sun end	-11441 Feb 18 j 05:13	7° \mathbb{X} 06'50		asc. node	-11440 Feb 05 j 08:43	27° \mathbb{M} 58'23	
asc. node	-11441 Feb 18 j 11:30	7° \mathbb{X} 40'53			-11440 Feb 06 j 07:15	0° \mathbb{X}	
max. Earth dist.	-11441 Feb 19 j 00:43	8° \mathbb{X} 52'33	1.33046 AU	evening rise	-11440 Feb 09 j 14:05	6° \mathbb{X} 57'28	
evening rise	-11441 Feb 25 j 06:57	22° \mathbb{X} 07'01			-11440 Feb 21 j 20:32	0° $\underline{\mathbf{B}}$	
	-11441 Mar 01 j 06:02	0° $\underline{\mathbf{B}}$		evening max el	-11440 Mar 09 j 23:12	22° $\underline{\mathbf{B}}$ 43'18	26°28'18
	-11441 Mar 19 j 12:55	0° \approx			-11440 Mar 22 j 13:16	0° \approx	
evening max el	-11441 Mar 28 j 21:22	10° \approx 52'56	27°13'46	retrograde	-11440 Mar 24 j 02:23	0° \approx 06'03	
desc. node	-11441 Apr 07 j 04:16	17° \approx 25'34		desc. node	-11440 Mar 24 j 01:24	0° \approx 06'02	
retrograde	-11441 Apr 11 j 21:42	18° \approx 24'05			-11440 Mar 25 j 15:12	30° \mathbb{R} $\underline{\mathbf{B}}$	
evening set	-11441 Apr 18 j 14:56	16° \approx 16'00		evening set	-11440 Mar 30 j 03:44	28° $\underline{\mathbf{B}}$ 32'16	
min. Earth dist.	-11441 Apr 22 j 10:03	13° \approx 21'26	0.61397 AU	min. Earth dist.	-11440 Apr 03 j 12:37	25° $\underline{\mathbf{B}}$ 42'04	0.59405 AU
inferior conj	-11441 Apr 25 j 14:16	10° \approx 27'13	-3°24'26	inferior conj	-11440 Apr 06 j 20:50	23° $\underline{\mathbf{B}}$ 02'35	-2°56'37
minimum elong	-11441 Apr 25 j 12:59	10° \approx 30'11	3°24'53	minimum elong	-11440 Apr 06 j 17:44	23° $\underline{\mathbf{B}}$ 08'48	2°56'42
morning rise	-11441 May 02 j 12:55	5° \approx 31'02		morning rise	-11440 Apr 14 j 10:33	18° $\underline{\mathbf{B}}$ 26'13	
direct	-11441 May 05 j 03:02	5° \approx 02'10		direct	-11440 Apr 16 j 20:25	18° $\underline{\mathbf{B}}$ 04'59	
morning max el	-11441 May 11 j 22:48	8° \approx 26'33	18°04'06	morning max el	-11440 Apr 24 j 09:31	21° $\underline{\mathbf{B}}$ 43'48	18°22'48
asc. node	-11441 May 17 j 11:11	15° \approx 24'46			-11440 Apr 30 j 19:52	0° \approx	
	-11441 May 26 j 00:41	0° \mathbb{X}		asc. node	-11440 May 03 j 08:02	4° \approx 07'43	
morning set	-11441 May 28 j 06:13	4° \mathbb{X} 03'11		morning set	-11440 May 10 j 12:09	17° \approx 16'38	
					-11440 May 17 j 05:52	0° \mathbb{X}	
superior conj	-11441 Jun 08 j 02:28	23° \mathbb{X} 27'13	1°49'00	superior conj	-11440 May 20 j 02:16	5° \mathbb{X} 15'31	1°46'29
minimum elong	-11441 Jun 08 j 03:23	23° \mathbb{X} 31'11	1°48'53	minimum elong	-11440 May 20 j 00:30	5° \mathbb{X} 07'27	1°46'07
	-11441 Jun 11 j 22:06	0° \mathbb{Y}		max. Earth dist.	-11440 May 27 j 09:43	18° \mathbb{X} 13'43	1.40340 AU
max. Earth dist.	-11441 Jun 15 j 06:59	5° \mathbb{Y} 38'30	1.42107 AU	evening rise	-11440 Jun 01 j 06:37	26° \mathbb{X} 26'52	
evening rise	-11441 Jun 22 j 05:36	16° \mathbb{Y} 53'43			-11440 Jun 03 j 10:36	0° \mathbb{Y}	
	-11441 Jun 30 j 16:12	0° \mathbb{B}		desc. node	-11440 Jun 19 j 22:51	25° \mathbb{Y} 13'21	
desc. node	-11441 Jul 04 j 01:23	5° \mathbb{B} 05'15			-11440 Jun 23 j 08:34	0° \mathbb{B}	
	-11441 Jul 22 j 09:41	0° \mathbb{I}		evening max el	-11440 Jul 05 j 16:34	15° \mathbb{B} 09'37	23°08'53
evening max el	-11441 Jul 24 j 02:47	1° \mathbb{I} 49'30	21°48'05	retrograde	-11440 Jul 15 j 20:04	21° \mathbb{B} 10'55	
retrograde	-11441 Aug 02 j 02:47	7° \mathbb{I} 09'01		evening set	-11440 Jul 20 j 19:06	19° \mathbb{B} 05'07	
evening set	-11441 Aug 06 j 11:35	5° \mathbb{I} 24'25		inferior conj	-11440 Jul 26 j 00:19	12° \mathbb{B} 50'35	-1°20'08
	-11441 Aug 11 j 04:26	30° \mathbb{R} \mathbb{B}		minimum elong	-11440 Jul 26 j 01:54	12° \mathbb{B} 45'08	1°19'10
inferior conj	-11441 Aug 11 j 17:59	29° \mathbb{B} 13'19	-0°33'07	min. Earth dist.	-11440 Jul 25 j 20:08	13° \mathbb{B} 05'01	0.67237 AU
minimum elong	-11441 Aug 11 j 18:40	29° \mathbb{B} 10'56	0°32'20	asc. node	-11440 Jul 30 j 08:55	7° \mathbb{B} 27'31	
min. Earth dist.	-11441 Aug 12 j 00:21	28° \mathbb{B} 51'21	0.67131 AU	morning rise	-11440 Jul 31 j 08:36	6° \mathbb{B} 35'14	
asc. node	-11441 Aug 13 j 12:01	26° \mathbb{B} 50'25		direct	-11440 Aug 04 j 14:58	4° \mathbb{B} 54'33	
morning rise	-11441 Aug 17 j 01:39	22° \mathbb{B} 53'29		morning max el	-11440 Aug 13 j 15:12	10° \mathbb{B} 18'40	21°43'45
direct	-11441 Aug 21 j 20:47	20° \mathbb{B} 54'30			-11440 Aug 28 j 18:22	0° \mathbb{I}	
morning max el	-11441 Sep 01 j 00:36	27° \mathbb{B} 01'25	23°06'00	morning set	-11440 Sep 14 j 02:34	24° \mathbb{I} 49'51	
	-11441 Sep 03 j 18:20	0° \mathbb{I}		desc. node	-11440 Sep 15 j 20:27	27° \mathbb{I} 36'33	
	-11441 Sep 25 j 10:41	0° $\underline{\mathbf{C}}$			-11440 Sep 17 j 08:10	0° $\underline{\mathbf{C}}$	
desc. node	-11441 Sep 29 j 23:27	7° $\underline{\mathbf{C}}$ 04'05		max. Earth dist.	-11440 Sep 21 j 07:00	6° $\underline{\mathbf{C}}$ 27'04	1.41977 AU
morning set	-11441 Oct 05 j 05:21	15° $\underline{\mathbf{C}}$ 33'06					
max. Earth dist.	-11441 Oct 10 j 04:00	23° $\underline{\mathbf{C}}$ 52'27	1.40106 AU	superior conj	-11440 Sep 28 j 14:34	18° $\underline{\mathbf{C}}$ 49'50	-1°11'30
	-11441 Oct 13 j 16:20	0° Ω		minimum elong	-11440 Sep 28 j 10:20	18° $\underline{\mathbf{C}}$ 31'29	1°10'28
superior conj	-11441 Oct 17 j 18:07	7° Ω 19'59	-1°30'53				

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11440 Oct 04 j 22:05	0°♌		minimum elong	-11439 Sep 09 j 04:57	28°♐46'38	0°38'11
evening rise	-11440 Oct 09 j 12:15	8°♌20'30			-11439 Sep 09 j 22:43	0°♐	
	-11440 Oct 22 j 06:13	0°♍		evening rise	-11439 Sep 22 j 01:55	20°♐38'56	
evening max el	-11440 Oct 25 j 21:15	4°♍20'53	18°08'58		-11439 Sep 27 j 11:17	0°♌	
asc. node	-11440 Oct 26 j 08:17	4°♍47'34		evening max el	-11439 Oct 09 j 10:14	17°♌38'36	18°10'00
retrograde	-11440 Nov 01 j 19:50	7°♍54'42		asc. node	-11439 Oct 13 j 05:31	20°♌30'50	
evening set	-11440 Nov 04 j 08:26	7°♍26'52		retrograde	-11439 Oct 16 j 01:31	21°♌11'21	
inferior conj	-11440 Nov 11 j 08:01	2°♍28'04	3°53'52	evening set	-11439 Oct 18 j 16:58	20°♌36'26	
minimum elong	-11440 Nov 11 j 04:41	2°♍35'44	3°53'42	inferior conj	-11439 Oct 25 j 05:23	15°♌17'35	3°16'34
	-11440 Nov 14 j 00:10	30°♋♌		minimum elong	-11439 Oct 25 j 01:35	15°♌27'29	3°16'07
min. Earth dist.	-11440 Nov 14 j 07:41	29°♌43'15	0.61141 AU	min. Earth dist.	-11439 Oct 27 j 17:38	12°♌40'59	0.62869 AU
morning rise	-11440 Nov 17 j 23:41	26°♌51'01		morning rise	-11439 Oct 31 j 09:20	9°♌24'57	
direct	-11440 Nov 24 j 23:21	24°♌32'17		direct	-11439 Nov 07 j 10:35	6°♌46'44	
	-11440 Dec 06 j 17:04	0°♍		morning max el	-11439 Nov 21 j 03:31	14°♌18'00	27°34'30
morning max el	-11440 Dec 08 j 21:29	1°♍59'02	27°21'33	desc. node	-11439 Nov 29 j 18:05	24°♌08'58	
desc. node	-11440 Dec 12 j 21:24	6°♍11'50			-11439 Dec 04 j 00:55	0°♍	
	-11440 Dec 29 j 10:51	0°♎			-11439 Dec 21 j 21:06	0°♎	
morning set	-11439 Jan 09 j 19:38	21°♎28'57		morning set	-11439 Dec 24 j 21:45	5°♎58'35	
	-11439 Jan 13 j 20:38	0°♍		max. Earth dist.	-11439 Dec 30 j 11:21	17°♎32'55	1.33296 AU
max. Earth dist.	-11439 Jan 16 j 02:37	4°♍51'53	1.32864 AU				
				superior conj	-11438 Jan 01 j 09:34	21°♎40'42	-1°07'05
superior conj	-11439 Jan 16 j 23:33	6°♍45'50	-0°48'19	minimum elong	-11438 Jan 01 j 11:40	21°♎52'02	1°06'59
minimum elong	-11439 Jan 17 j 01:18	6°♍55'24	0°48'21		-11438 Jan 05 j 06:01	0°♍	
asc. node	-11439 Jan 22 j 06:00	18°♍11'28		evening rise	-11438 Jan 08 j 11:27	6°♍52'34	
evening rise	-11439 Jan 24 j 00:10	21°♍54'47		asc. node	-11438 Jan 09 j 03:18	8°♍15'29	
	-11439 Jan 27 j 23:26	0°♎			-11438 Jan 20 j 20:33	0°♎	
	-11439 Feb 16 j 00:50	0°♏		evening max el	-11438 Feb 01 j 12:56	14°♎51'44	23°45'09
evening max el	-11439 Feb 19 j 19:40	3°♏58'34	25°15'19	retrograde	-11438 Feb 15 j 01:35	21°♎30'38	
retrograde	-11439 Mar 05 j 20:15	11°♏05'03		evening set	-11438 Feb 19 j 01:02	20°♎55'46	
evening set	-11439 Mar 10 j 21:40	10°♏05'24		desc. node	-11438 Feb 25 j 19:25	17°♎45'40	
desc. node	-11439 Mar 10 j 22:26	10°♏04'40		min. Earth dist.	-11438 Feb 26 j 01:47	17°♎36'09	0.56142 AU
min. Earth dist.	-11439 Mar 16 j 09:09	7°♏06'15	0.57546 AU	inferior conj	-11438 Feb 28 j 00:42	16°♎24'51	-0°33'54
inferior conj	-11439 Mar 19 j 08:37	5°♏03'19	-2°00'18	minimum elong	-11438 Feb 27 j 23:18	16°♎26'58	0°34'05
minimum elong	-11439 Mar 19 j 04:59	5°♏09'37	2°00'00	morning rise	-11438 Mar 09 j 00:07	12°♎20'01	
morning rise	-11439 Mar 27 j 15:30	0°♏45'24		direct	-11438 Mar 11 j 04:37	12°♎07'41	
direct	-11439 Mar 29 j 21:31	0°♏29'57		morning max el	-11438 Mar 21 j 10:24	16°♎58'03	19°59'24
morning max el	-11439 Apr 07 j 14:22	4°♏37'34	19°01'11		-11438 Mar 31 j 02:51	0°♏	
asc. node	-11439 Apr 20 j 04:59	23°♏22'43		asc. node	-11438 Apr 07 j 01:57	13°♏01'19	
	-11439 Apr 23 j 15:42	0°♐		morning set	-11438 Apr 08 j 08:03	15°♏32'08	
morning set	-11439 Apr 24 j 05:57	1°♐09'44			-11438 Apr 15 j 11:19	0°♐	
				superior conj	-11438 Apr 16 j 07:45	1°♐42'10	1°16'56
superior conj	-11439 May 02 j 21:47	18°♐05'31	1°34'41	minimum elong	-11438 Apr 16 j 04:48	1°♐27'29	1°16'00
minimum elong	-11439 May 02 j 18:52	17°♐51'32	1°33'59	max. Earth dist.	-11438 Apr 21 j 13:36	11°♐56'04	1.36709 AU
	-11439 May 09 j 07:11	0°♑		evening rise	-11438 Apr 25 j 16:09	19°♐34'43	
max. Earth dist.	-11439 May 09 j 10:08	0°♑13'24	1.38464 AU		-11438 May 01 j 14:12	0°♑	
evening rise	-11439 May 13 j 11:17	7°♑23'34			-11438 May 21 j 09:32	0°♑	
	-11439 May 27 j 09:23	0°♒		desc. node	-11438 May 24 j 17:46	4°♒15'53	
desc. node	-11439 Jun 06 j 20:19	15°♒00'04		evening max el	-11438 May 31 j 12:41	11°♒52'58	25°45'26
evening max el	-11439 Jun 18 j 02:59	28°♒30'43	24°30'42	retrograde	-11438 Jun 12 j 19:16	19°♒02'13	
	-11439 Jun 19 j 16:08	0°♓		evening set	-11438 Jun 18 j 23:20	16°♒21'28	
retrograde	-11439 Jun 29 j 09:47	5°♓10'25		min. Earth dist.	-11438 Jun 23 j 05:00	11°♒37'06	0.66472 AU
evening set	-11439 Jul 04 j 23:44	2°♓44'50		inferior conj	-11438 Jun 24 j 09:02	10°♒06'38	-2°38'45
	-11439 Jul 07 j 13:36	30°♓♒		minimum elong	-11438 Jun 24 j 11:26	9°♒58'54	2°38'05
min. Earth dist.	-11439 Jul 09 j 14:29	27°♒21'22	0.67031 AU	morning rise	-11438 Jun 29 j 23:34	4°♒10'31	
inferior conj	-11439 Jul 10 j 05:58	26°♒29'07	-2°02'29	direct	-11438 Jul 03 j 09:46	3°♒02'29	
minimum elong	-11439 Jul 10 j 08:08	26°♒21'48	2°01'33	asc. node	-11438 Jul 04 j 02:37	3°♒05'14	
morning rise	-11439 Jul 15 j 16:29	20°♒21'50		morning max el	-11438 Jul 10 j 15:03	7°♒11'35	19°28'08
asc. node	-11439 Jul 17 j 05:46	19°♒27'19			-11438 Jul 26 j 21:14	0°♓	
direct	-11439 Jul 19 j 11:51	18°♒58'23		morning set	-11438 Aug 03 j 13:27	12°♓00'42	
morning max el	-11439 Jul 27 j 11:49	23°♒41'36	20°29'39		-11438 Aug 14 j 23:45	0°♓	
	-11439 Aug 01 j 18:55	0°♓		max. Earth dist.	-11438 Aug 17 j 07:38	3°♓41'15	1.44367 AU
	-11439 Aug 22 j 03:00	0°♔					
morning set	-11439 Aug 24 j 06:53	3°♔21'07		superior conj	-11438 Aug 19 j 23:43	7°♔56'08	0°03'47
desc. node	-11439 Sep 02 j 17:34	18°♔15'10		minimum elong	-11438 Aug 20 j 00:14	7°♔58'12	0°04'18
max. Earth dist.	-11439 Sep 03 j 16:48	19°♔48'31	1.43465 AU	behind sun begin	-11438 Aug 19 j 13:23	7°♔14'59	
				behind sun end	-11438 Aug 20 j 11:04	8°♔41'28	
superior conj	-11439 Sep 09 j 08:36	29°♔01'42	-0°39'15				

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

desc. node	-11438 Aug 20 j 14:45	8° Π 56'09		superior conj	-11437 Jul 29 j 23:59	16° \mathcal{B} 10'13	0°49'01
	-11438 Sep 02 j 13:53	0° \mathfrak{D}		minimum elong	-11437 Jul 30 j 05:31	16° \mathcal{B} 32'07	0°48'50
evening rise	-11438 Sep 03 j 18:07	1° \mathfrak{D} 56'45		max. Earth dist.	-11437 Jul 31 j 00:10	17° \mathcal{B} 45'57	1.44581 AU
	-11438 Sep 21 j 23:44	0° Ω		desc. node	-11437 Aug 07 j 12:00	29° \mathcal{B} 36'41	
evening max el	-11438 Sep 22 j 23:43	1° Ω 04'39	18°29'25		-11437 Aug 07 j 17:54	0° Π	
retrograde	-11438 Sep 29 j 15:21	4° Ω 45'24		evening rise	-11437 Aug 15 j 07:54	12° Π 01'25	
asc. node	-11438 Sep 30 j 02:40	4° Ω 44'10			-11437 Aug 26 j 17:18	0° \mathfrak{D}	
evening set	-11438 Oct 02 j 11:48	4° Ω 00'52		evening max el	-11437 Sep 06 j 10:53	14° \mathfrak{D} 34'03	19°06'01
	-11438 Oct 07 j 05:00	30° \mathcal{R} \mathfrak{D}		retrograde	-11437 Sep 13 j 09:53	18° \mathfrak{D} 31'17	
inferior conj	-11438 Oct 08 j 14:31	28° \mathfrak{D} 25'06	2°30'12	evening set	-11437 Sep 16 j 13:39	17° \mathfrak{D} 34'00	
minimum elong	-11438 Oct 08 j 11:14	28° \mathfrak{D} 34'33	2°29'45	asc. node	-11437 Sep 16 j 23:46	17° \mathfrak{D} 17'48	
min. Earth dist.	-11438 Oct 10 j 13:48	26° \mathfrak{D} 08'59	0.64333 AU	inferior conj	-11437 Sep 22 j 08:20	11° \mathfrak{D} 44'36	1°39'20
morning rise	-11438 Oct 14 j 10:03	22° \mathfrak{D} 19'48		minimum elong	-11437 Sep 22 j 06:04	11° \mathfrak{D} 51'39	1°39'08
direct	-11438 Oct 21 j 04:47	19° \mathfrak{D} 35'26		min. Earth dist.	-11437 Sep 23 j 19:07	9° \mathfrak{D} 56'15	0.65503 AU
morning max el	-11438 Nov 03 j 13:04	27° \mathfrak{D} 07'37	27°13'58	morning rise	-11437 Sep 27 j 22:03	5° \mathfrak{D} 30'19	
	-11438 Nov 06 j 07:29	0° Ω		direct	-11437 Oct 04 j 05:26	2° \mathfrak{D} 50'45	
desc. node	-11438 Nov 16 j 14:47	13° Ω 00'04		morning max el	-11437 Oct 16 j 23:23	10° \mathfrak{D} 14'41	26°25'01
	-11438 Nov 27 j 14:58	0° \mathfrak{M}			-11437 Nov 01 j 18:54	0° Ω	
morning set	-11438 Dec 08 j 15:27	19° \mathfrak{M} 59'29		desc. node	-11437 Nov 03 j 11:28	2° Ω 28'51	
max. Earth dist.	-11438 Dec 13 j 12:22	29° \mathfrak{M} 46'40	1.34118 AU		-11437 Nov 20 j 02:01	0° \mathfrak{M}	
	-11438 Dec 13 j 14:57	0° \mathfrak{L}		morning set	-11437 Nov 21 j 20:56	3° \mathfrak{M} 19'03	
				max. Earth dist.	-11437 Nov 26 j 02:38	11° \mathfrak{M} 27'41	1.35369 AU
superior conj	-11438 Dec 16 j 16:00	6° \mathfrak{L} 21'44	-1°22'37	superior conj	-11437 Nov 30 j 16:31	20° \mathfrak{M} 40'23	-1°33'49
minimum elong	-11438 Dec 16 j 18:03	6° \mathfrak{L} 32'31	1°22'27	minimum elong	-11437 Nov 30 j 17:59	20° \mathfrak{M} 47'52	1°33'35
evening rise	-11438 Dec 23 j 22:14	21° \mathfrak{L} 44'57			-11437 Dec 05 j 04:30	0° \mathfrak{L}	
asc. node	-11438 Dec 27 j 00:36	28° \mathfrak{L} 05'27		evening rise	-11437 Dec 08 j 06:46	6° \mathfrak{L} 25'11	
	-11438 Dec 27 j 23:45	0° \mathfrak{M}		asc. node	-11437 Dec 13 j 21:55	17° \mathfrak{L} 34'35	
evening max el	-11437 Jan 14 j 08:00	25° \mathfrak{M} 46'40	22°11'28		-11437 Dec 21 j 09:54	0° \mathfrak{M}	
	-11437 Jan 20 j 02:33	0° \mathcal{A}		evening max el	-11437 Dec 27 j 10:09	7° \mathfrak{M} 04'03	20°46'07
retrograde	-11437 Jan 26 j 20:09	1° \mathcal{A} 44'59		retrograde	-11436 Jan 07 j 10:48	12° \mathfrak{M} 14'36	
evening set	-11437 Jan 29 j 23:24	1° \mathcal{A} 23'15		evening set	-11436 Jan 10 j 03:35	11° \mathfrak{M} 57'13	
	-11437 Feb 02 j 22:59	30° \mathcal{R} \mathfrak{M}		inferior conj	-11436 Jan 18 j 23:38	7° \mathfrak{M} 58'26	2°47'33
min. Earth dist.	-11437 Feb 07 j 16:38	27° \mathfrak{M} 29'27	0.55468 AU	minimum elong	-11436 Jan 19 j 05:22	7° \mathfrak{M} 50'02	2°45'45
inferior conj	-11437 Feb 08 j 01:58	27° \mathfrak{M} 16'07	1°10'48	min. Earth dist.	-11436 Jan 20 j 06:35	7° \mathfrak{M} 13'11	0.55665 AU
minimum elong	-11437 Feb 08 j 04:58	27° \mathfrak{M} 11'49	1°09'19	morning rise	-11436 Jan 28 j 05:46	3° \mathfrak{M} 38'42	
desc. node	-11437 Feb 12 j 16:19	24° \mathfrak{M} 48'28		desc. node	-11436 Jan 30 j 13:07	3° \mathfrak{M} 16'47	
morning rise	-11437 Feb 17 j 11:14	23° \mathfrak{M} 11'47		direct	-11436 Jan 31 j 13:19	3° \mathfrak{M} 14'30	
direct	-11437 Feb 19 j 22:04	22° \mathfrak{M} 58'01		morning max el	-11436 Feb 13 j 18:00	9° \mathfrak{M} 42'59	22°47'41
morning max el	-11437 Mar 03 j 19:36	28° \mathfrak{M} 39'36	21°16'15		-11436 Feb 28 j 08:04	0° \mathcal{A}	
	-11437 Mar 05 j 03:48	0° \mathcal{A}		morning set	-11436 Mar 07 j 02:42	15° \mathcal{A} 13'20	
morning set	-11437 Mar 23 j 15:43	0° \mathfrak{B} 16'03		asc. node	-11436 Mar 10 j 20:00	23° \mathcal{A} 05'16	
	-11437 Mar 23 j 12:36	0° \mathfrak{B}					
asc. node	-11437 Mar 24 j 22:58	2° \mathfrak{B} 57'30		superior conj	-11436 Mar 14 j 07:28	0° \mathfrak{B} 29'36	0°32'36
superior conj	-11437 Mar 31 j 04:03	15° \mathfrak{B} 53'47	0°55'40	minimum elong	-11436 Mar 14 j 06:05	0° \mathfrak{B} 22'16	0°31'43
minimum elong	-11437 Mar 31 j 01:43	15° \mathfrak{B} 41'49	0°54'40		-11436 Mar 14 j 01:53	0° \mathfrak{B}	
max. Earth dist.	-11437 Apr 04 j 01:11	23° \mathfrak{B} 47'16	1.35239 AU	max. Earth dist.	-11436 Mar 16 j 22:53	6° \mathfrak{B} 02'49	1.34120 AU
	-11437 Apr 07 j 05:04	0° \mathfrak{A}		evening rise	-11436 Mar 22 j 04:15	16° \mathfrak{B} 37'48	
evening rise	-11437 Apr 08 j 15:31	2° \mathfrak{A} 44'52			-11436 Mar 29 j 07:33	0° \mathfrak{A}	
	-11437 Apr 24 j 12:24	0° \mathcal{H}			-11436 Apr 17 j 23:23	0° \mathcal{H}	
desc. node	-11437 May 11 j 15:09	22° \mathcal{H} 48'10		evening max el	-11436 Apr 25 j 09:51	8° \mathcal{H} 21'25	27°19'50
evening max el	-11437 May 13 j 23:06	25° \mathcal{H} 12'45	26°44'25	desc. node	-11436 Apr 27 j 12:30	10° \mathcal{H} 18'41	
	-11437 May 19 j 16:14	0° \mathcal{Y}		retrograde	-11436 May 08 j 23:24	15° \mathcal{H} 55'35	
retrograde	-11437 May 27 j 00:02	2° \mathcal{Y} 40'02		evening set	-11436 May 15 j 21:32	13° \mathcal{H} 13'24	
evening set	-11437 Jun 02 j 15:34	29° \mathcal{H} 52'36		min. Earth dist.	-11436 May 19 j 14:25	9° \mathcal{H} 42'54	0.64185 AU
	-11437 Jun 02 j 12:02	30° \mathcal{R} \mathcal{H}		inferior conj	-11436 May 21 j 22:51	7° \mathcal{H} 07'15	-3°25'30
min. Earth dist.	-11437 Jun 06 j 13:35	25° \mathcal{H} 47'09	0.65527 AU	minimum elong	-11436 May 22 j 00:08	7° \mathcal{H} 03'41	3°25'41
inferior conj	-11437 Jun 08 j 07:28	23° \mathcal{H} 40'45	-3°07'13	morning rise	-11436 May 28 j 03:25	1° \mathcal{H} 41'09	
minimum elong	-11437 Jun 08 j 09:37	23° \mathcal{H} 34'17	3°06'58	direct	-11436 May 31 j 00:33	0° \mathcal{H} 57'39	
morning rise	-11437 Jun 14 j 03:56	17° \mathcal{H} 58'28		morning max el	-11436 Jun 06 j 12:25	4° \mathcal{H} 25'34	18°12'57
direct	-11437 Jun 17 j 06:48	17° \mathcal{H} 03'43		asc. node	-11436 Jun 06 j 20:13	4° \mathcal{H} 45'27	
asc. node	-11437 Jun 20 j 23:26	18° \mathcal{H} 16'12			-11436 Jun 23 j 09:50	0° \mathcal{Y}	
morning max el	-11437 Jun 23 j 23:54	20° \mathcal{H} 47'28	18°42'00	morning set	-11436 Jun 24 j 18:24	2° \mathcal{Y} 18'00	
	-11437 Jul 01 j 02:21	0° \mathcal{Y}					
morning set	-11437 Jul 14 j 15:14	21° \mathcal{Y} 34'01		superior conj	-11436 Jul 08 j 07:30	24° \mathcal{Y} 47'09	1°24'50
	-11437 Jul 19 j 20:32	0° \mathcal{B}		minimum elong	-11436 Jul 08 j 13:46	25° \mathcal{Y} 12'28	1°24'33
					-11436 Jul 11 j 13:13	0° \mathcal{B}	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

max. Earth dist.	-11436 Jul 12 j 15:38	1°♄45'35	1.44093 AU	superior conj	-11435 Jun 18 j 14:32	4°♃32'49	1°44'43
desc. node	-11436 Jul 24 j 09:20	20°♄13'40		minimum elong	-11435 Jun 18 j 17:35	4°♃45'40	1°44'36
evening rise	-11436 Jul 24 j 20:00	20°♄55'05		max. Earth dist.	-11435 Jun 25 j 03:33	15°♃23'38	1.42978 AU
	-11436 Jul 30 j 16:54	0°♄		evening rise	-11435 Jul 03 j 20:11	29°♃15'26	
greatest brilliancy	-11436 Aug 06 j 13:34	10°♄26'31	-0.7m		-11435 Jul 04 j 07:36	0°♄	
evening max el	-11436 Aug 19 j 17:22	28°♄03'23	19°58'31	desc. node	-11435 Jul 11 j 06:46	10°♄43'03	
	-11436 Aug 21 j 19:40	0°♄			-11435 Jul 24 j 10:56	0°♄	
retrograde	-11436 Aug 27 j 06:23	2°♄25'39		evening max el	-11435 Aug 02 j 17:20	11°♄28'57	21°04'56
evening set	-11436 Aug 30 j 19:49	1°♄12'13		retrograde	-11435 Aug 11 j 02:48	16°♄25'03	
	-11436 Sep 01 j 07:03	30°♄		evening set	-11435 Aug 15 j 04:05	14°♄52'21	
asc. node	-11436 Sep 02 j 20:48	28°♄19'56		inferior conj	-11435 Aug 20 j 12:08	8°♄44'43	-0°04'29
inferior conj	-11436 Sep 05 j 08:16	25°♄12'20	0°47'04	minimum elong	-11435 Aug 20 j 12:13	8°♄44'25	0°03'52
minimum elong	-11436 Sep 05 j 07:11	25°♄15'53	0°47'16	transit middle	-11435 Aug 20 j 12:13	8°♄44'25	0°03'52
min. Earth dist.	-11436 Sep 06 j 07:28	23°♄55'48	0.66372 AU	transit begin	-11435 Aug 20 j 09:34	8°♄53'26	
morning rise	-11436 Sep 10 j 18:16	18°♄52'58		transit end	-11435 Aug 20 j 14:51	8°♄35'24	
direct	-11436 Sep 16 j 11:53	16°♄26'06		asc. node	-11435 Aug 20 j 17:47	8°♄25'25	
morning max el	-11436 Sep 28 j 09:07	23°♄28'42	25°15'32	min. Earth dist.	-11435 Aug 21 j 00:31	8°♄02'26	0.66942 AU
	-11436 Oct 04 j 05:13	0°♄		morning rise	-11435 Aug 25 j 20:11	2°♄24'12	
desc. node	-11436 Oct 20 j 08:14	22°♄24'40		direct	-11435 Aug 30 j 23:26	0°♄14'30	
	-11436 Oct 25 j 03:40	0°♄		morning max el	-11435 Sep 10 j 18:54	6°♄43'35	23°54'28
morning set	-11436 Nov 03 j 09:31	15°♄43'51			-11435 Sep 28 j 20:48	0°♄	
max. Earth dist.	-11436 Nov 07 j 06:33	22°♄48'32	1.37031 AU	desc. node	-11435 Oct 07 j 05:05	12°♄39'09	
	-11436 Nov 11 j 01:23	0°♄		morning set	-11435 Oct 15 j 23:44	26°♄59'23	
					-11435 Oct 17 j 17:56	0°♄	
superior conj	-11436 Nov 13 j 08:15	4°♄28'07	-1°39'10	max. Earth dist.	-11435 Oct 20 j 05:19	4°♄19'12	1.38969 AU
minimum elong	-11436 Nov 13 j 08:31	4°♄29'26	1°38'50				
evening rise	-11436 Nov 21 j 11:11	20°♄47'47		superior conj	-11435 Oct 27 j 11:16	17°♄33'19	-1°36'43
	-11436 Nov 26 j 03:40	0°♄		minimum elong	-11435 Oct 27 j 09:46	17°♄26'12	1°36'12
asc. node	-11436 Nov 29 j 19:14	6°♄35'13			-11435 Nov 02 j 22:30	0°♄	
evening max el	-11436 Dec 08 j 22:18	18°♄54'43	19°36'38	evening rise	-11435 Nov 05 j 09:11	4°♄46'29	
retrograde	-11436 Dec 18 j 09:12	23°♄22'17		asc. node	-11435 Nov 16 j 16:32	24°♄57'47	
evening set	-11436 Dec 20 j 22:23	23°♄04'19			-11435 Nov 20 j 14:03	0°♄	
inferior conj	-11436 Dec 29 j 06:42	18°♄57'28	3°51'42	evening max el	-11435 Nov 21 j 20:20	1°♄18'05	18°46'37
minimum elong	-11436 Dec 29 j 10:57	18°♄50'34	3°50'55	retrograde	-11435 Nov 30 j 00:17	5°♄15'10	
min. Earth dist.	-11436 Dec 31 j 20:03	17°♄18'50	0.56672 AU	evening set	-11435 Dec 02 j 12:09	4°♄54'29	
morning rise	-11435 Jan 06 j 21:24	14°♄14'14		inferior conj	-11435 Dec 10 j 07:21	0°♄29'12	4°16'18
direct	-11435 Jan 11 j 12:45	13°♄25'36		minimum elong	-11435 Dec 10 j 07:57	0°♄28'06	4°16'19
desc. node	-11435 Jan 16 j 09:51	14°♄20'20			-11435 Dec 10 j 23:01	30°♄	
morning max el	-11435 Jan 25 j 09:25	20°♄24'23	24°24'37	min. Earth dist.	-11435 Dec 13 j 10:59	28°♄09'49	0.58243 AU
	-11435 Feb 02 j 13:07	0°♄		morning rise	-11435 Dec 18 j 01:50	25°♄22'39	
	-11435 Feb 19 j 11:48	0°♄		direct	-11435 Dec 23 j 23:28	23°♄58'16	
morning set	-11435 Feb 19 j 15:08	0°♄17'28		desc. node	-11434 Jan 03 j 06:31	27°♄59'50	
asc. node	-11435 Feb 25 j 17:07	13°♄20'13			-11434 Jan 05 j 17:25	0°♄	
				morning max el	-11434 Jan 07 j 00:47	1°♄12'18	25°53'06
superior conj	-11435 Feb 26 j 15:35	15°♄21'40	0°08'59		-11434 Jan 27 j 08:20	0°♄	
minimum elong	-11435 Feb 26 j 15:14	15°♄19'44	0°08'18	morning set	-11434 Feb 04 j 03:15	15°♄22'08	
behind sun begin	-11435 Feb 26 j 10:51	14°♄56'05			-11434 Feb 10 j 22:13	0°♄	
behind sun end	-11435 Feb 26 j 19:37	15°♄43'22					
max. Earth dist.	-11435 Feb 28 j 05:23	18°♄44'53	1.33349 AU	superior conj	-11434 Feb 11 j 02:29	0°♄23'18	-0°14'17
	-11435 Mar 05 j 14:21	0°♄		minimum elong	-11434 Feb 11 j 03:05	0°♄26'36	0°14'42
evening rise	-11435 Mar 06 j 02:23	1°♄00'57		behind sun begin	-11434 Feb 11 j 01:18	0°♄16'50	
	-11435 Mar 22 j 07:38	0°♄		behind sun end	-11434 Feb 11 j 04:53	0°♄36'23	
evening max el	-11435 Apr 07 j 18:59	21°♄07'21	27°25'26	max. Earth dist.	-11434 Feb 11 j 17:20	1°♄44'16	1.32903 AU
desc. node	-11435 Apr 14 j 09:47	26°♄22'18		asc. node	-11434 Feb 12 j 14:18	3°♄38'14	
retrograde	-11435 Apr 21 j 16:19	28°♄40'19		evening rise	-11434 Feb 18 j 06:57	15°♄44'16	
evening set	-11435 Apr 28 j 13:54	26°♄16'36			-11434 Feb 25 j 14:21	0°♄	
min. Earth dist.	-11435 May 02 j 06:16	23°♄12'23	0.62491 AU		-11434 Mar 17 j 18:55	0°♄	
inferior conj	-11435 May 05 j 04:13	20°♄20'06	-3°30'02	evening max el	-11434 Mar 21 j 00:01	3°♄20'01	26°58'15
minimum elong	-11435 May 05 j 04:01	20°♄20'37	3°30'28	desc. node	-11434 Apr 01 j 06:58	10°♄27'21	
morning rise	-11435 May 11 j 19:26	15°♄12'16		retrograde	-11434 Apr 04 j 01:39	10°♄47'25	
direct	-11435 May 14 j 11:59	14°♄38'21		evening set	-11434 Apr 10 j 13:29	8°♄53'26	
morning max el	-11435 May 21 j 02:18	18°♄00'43	18°01'58	min. Earth dist.	-11434 Apr 14 j 13:06	6°♄02'38	0.60554 AU
asc. node	-11435 May 24 j 17:01	22°♄17'01		inferior conj	-11434 Apr 17 j 20:12	3°♄12'10	-3°15'48
	-11435 May 29 j 18:06	0°♄		minimum elong	-11434 Apr 17 j 18:05	3°♄16'46	3°16'07
morning set	-11435 Jun 06 j 20:57	14°♄08'24			-11434 Apr 21 j 21:30	30°♄	
	-11435 Jun 15 j 22:24	0°♄		morning rise	-11434 Apr 25 j 00:54	28°♄24'18	
				direct	-11434 Apr 27 j 13:22	27°♄58'42	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11434 May 02 j 22:15	0°♊		morning max el	-11433 Apr 17 j 23:41	14°♊36'12	18°36'47
morning max el	-11434 May 04 j 15:02	1°♊27'16	18°09'44	asc. node	-11433 Apr 28 j 10:45	29°♊35'20	
asc. node	-11434 May 11 j 13:52	10°♊37'38			-11433 Apr 28 j 16:15	0°♊	
morning set	-11434 May 20 j 18:18	26°♊55'21		morning set	-11433 May 04 j 05:45	10°♊26'56	
	-11434 May 22 j 10:08	0°♋					
superior conj	-11434 May 31 j 00:36	15°♋39'38	1°49'20	superior conj	-11433 May 13 j 09:31	27°♋56'30	1°42'24
minimum elong	-11434 May 31 j 00:11	15°♋37'48	1°49'07	minimum elong	-11433 May 13 j 07:06	27°♋45'12	1°41'53
max. Earth dist.	-11434 Jun 07 j 10:03	28°♋26'02	1.41386 AU		-11433 May 14 j 12:08	0°♋	
	-11434 Jun 08 j 08:29	0°♌		max. Earth dist.	-11433 May 20 j 11:15	10°♋44'44	1.39537 AU
evening rise	-11434 Jun 13 j 07:21	8°♌07'47		evening rise	-11433 May 24 j 20:04	18°♋15'47	
	-11434 Jun 27 j 11:41	0°♍			-11433 Jun 01 j 00:09	0°♌	
desc. node	-11434 Jun 28 j 04:14	1°♍00'44		desc. node	-11433 Jun 15 j 01:42	21°♌00'48	
evening max el	-11434 Jul 16 j 10:24	24°♍50'27	22°21'50		-11433 Jun 21 j 19:31	0°♍	
	-11434 Jul 23 j 11:31	0°♎		evening max el	-11433 Jun 28 j 22:12	8°♍09'55	23°43'59
retrograde	-11434 Jul 25 j 21:36	0°♎27'16		retrograde	-11433 Jul 09 j 13:36	14°♍28'51	
	-11434 Jul 28 j 04:35	30°♎♌		evening set	-11433 Jul 14 j 19:00	12°♍14'02	
evening set	-11434 Jul 30 j 12:27	28°♎33'25		min. Earth dist.	-11433 Jul 19 j 15:24	6°♍29'13	0.67186 AU
inferior conj	-11434 Aug 04 j 18:05	22°♎20'35	-0°53'34	inferior conj	-11433 Jul 20 j 00:21	5°♍58'30	-1°38'47
minimum elong	-11434 Aug 04 j 19:11	22°♎16'48	0°52'40	minimum elong	-11433 Jul 20 j 02:13	5°♍52'06	1°37'48
min. Earth dist.	-11434 Aug 04 j 19:57	22°♎14'10	0.67217 AU	morning rise	-11433 Jul 25 j 09:23	29°♌46'17	
asc. node	-11434 Aug 07 j 14:43	18°♎33'45		asc. node	-11433 Jul 25 j 11:37	29°♌42'03	
morning rise	-11434 Aug 10 j 01:50	16°♎02'30			-11433 Jul 25 j 02:30	30°♌♌	
direct	-11434 Aug 14 j 15:21	14°♎11'31		direct	-11433 Jul 29 j 10:44	28°♌13'23	
morning max el	-11434 Aug 24 j 07:08	19°♎59'49	22°30'27	morning max el	-11433 Aug 03 j 04:59	0°♎	
	-11434 Sep 01 j 15:25	0°♏			-11433 Aug 07 j 00:17	3°♎19'49	21°10'58
	-11434 Sep 22 j 02:52	0°♐			-11433 Aug 26 j 16:12	0°♏	
desc. node	-11434 Sep 24 j 02:03	3°♐06'36		morning set	-11433 Sep 05 j 23:57	15°♏50'36	
morning set	-11434 Sep 26 j 11:41	6°♐57'57		desc. node	-11433 Sep 10 j 23:07	23°♏42'29	
max. Earth dist.	-11434 Oct 02 j 05:51	16°♐28'40	1.40938 AU	max. Earth dist.	-11433 Sep 14 j 11:46	29°♏24'33	1.42662 AU
					-11433 Sep 14 j 20:26	0°♑	
superior conj	-11434 Oct 09 j 20:34	29°♑42'22	-1°24'11	superior conj	-11433 Sep 21 j 06:17	10°♑40'17	-0°59'23
minimum elong	-11434 Oct 09 j 17:06	29°♑26'52	1°23'20	minimum elong	-11433 Sep 21 j 01:54	10°♑21'43	0°58'17
	-11434 Oct 10 j 00:30	0°♒			-11433 Oct 02 j 07:34	0°♒	
evening rise	-11434 Oct 19 j 21:53	18°♒01'17		evening rise	-11433 Oct 02 j 21:23	1°♒01'46	
	-11434 Oct 26 j 07:27	0°♓		evening max el	-11433 Oct 19 j 13:43	27°♒19'01	18°07'07
asc. node	-11434 Nov 03 j 13:51	12°♓30'33		asc. node	-11433 Oct 21 j 11:07	28°♒59'01	
evening max el	-11434 Nov 05 j 02:22	14°♓08'34	18°16'55		-11433 Oct 23 j 01:23	0°♓	
retrograde	-11434 Nov 12 j 09:08	17°♓48'01		retrograde	-11433 Oct 26 j 08:25	0°♓51'35	
evening set	-11434 Nov 14 j 20:54	17°♓23'19		evening set	-11433 Oct 28 j 21:50	0°♓21'10	
inferior conj	-11434 Nov 22 j 03:22	12°♓36'30	4°08'39		-11433 Oct 29 j 16:53	30°♓♒	
minimum elong	-11434 Nov 22 j 01:00	12°♓41'35	4°08'40	inferior conj	-11433 Nov 04 j 16:31	25°♒13'38	3°39'35
min. Earth dist.	-11434 Nov 25 j 07:09	9°♓55'04	0.60073 AU	minimum elong	-11433 Nov 04 j 12:51	25°♒22'37	3°39'16
morning rise	-11434 Nov 29 j 03:35	7°♓09'24		min. Earth dist.	-11433 Nov 07 j 11:47	22°♒30'10	0.61893 AU
direct	-11434 Dec 05 j 21:04	5°♓08'18		morning rise	-11433 Nov 11 j 02:42	19°♒29'18	
morning max el	-11434 Dec 19 j 21:32	12°♓31'23	26°58'28	direct	-11433 Nov 18 j 04:06	17°♒00'29	
desc. node	-11434 Dec 21 j 03:11	13°♓44'46		morning max el	-11433 Dec 02 j 00:44	24°♒30'23	27°31'22
	-11433 Jan 02 j 18:59	0°♉			-11433 Dec 07 j 03:06	0°♓	
	-11433 Jan 19 j 09:23	0°♊		desc. node	-11433 Dec 07 j 23:51	1°♓02'08	
morning set	-11433 Jan 19 j 13:10	0°♊19'39			-11433 Dec 26 j 23:56	0°♉	
				morning set	-11432 Jan 03 j 18:51	15°♉02'39	
superior conj	-11433 Jan 26 j 14:21	15°♊27'28	-0°36'23	max. Earth dist.	-11432 Jan 09 j 18:26	27°♉39'37	1.33000 AU
minimum elong	-11433 Jan 26 j 15:46	15°♊35'09	0°36'34		-11432 Jan 10 j 20:22	0°♊	
max. Earth dist.	-11433 Jan 26 j 06:57	14°♊47'01	1.32779 AU				
asc. node	-11433 Jan 30 j 11:32	23°♊54'31		superior conj	-11432 Jan 11 j 01:35	0°♊28'15	-0°56'36
	-11433 Feb 02 j 08:11	0°♋		minimum elong	-11432 Jan 11 j 03:31	0°♊38'49	0°56'35
evening rise	-11433 Feb 02 j 15:34	0°♋38'40		asc. node	-11432 Jan 17 j 08:49	14°♊04'48	
	-11433 Feb 18 j 21:52	0°♌		evening rise	-11432 Jan 18 j 02:24	15°♊37'28	
evening max el	-11433 Mar 02 j 23:18	14°♌54'09	26°00'01		-11432 Jan 25 j 08:34	0°♋	
retrograde	-11433 Mar 17 j 01:59	22°♌11'24		evening max el	-11432 Feb 12 j 17:48	25°♋57'38	24°38'12
desc. node	-11433 Mar 19 j 04:04	22°♌00'36			-11432 Feb 17 j 19:16	0°♌	
evening set	-11433 Mar 22 j 18:07	20°♌52'27		retrograde	-11432 Feb 26 j 15:05	2°♌54'49	
min. Earth dist.	-11433 Mar 27 j 12:31	18°♌00'14	0.58581 AU	evening set	-11432 Mar 02 j 05:03	2°♌07'08	
inferior conj	-11433 Mar 30 j 19:04	15°♌33'42	-2°36'29	desc. node	-11432 Mar 05 j 01:04	0°♌54'05	
minimum elong	-11433 Mar 30 j 15:29	15°♌40'26	2°36'22		-11432 Mar 06 j 16:22	30°♌♋	
morning rise	-11433 Apr 07 j 15:59	11°♌05'55		min. Earth dist.	-11432 Mar 08 j 07:17	29°♋00'27	0.56875 AU
direct	-11433 Apr 10 j 00:13	10°♌47'22		inferior conj	-11432 Mar 10 j 22:19	27°♋17'55	-1°27'00

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

minimum elong	-11432 Mar 10 j 19:15	27° ♁ 22'56	1°26'46	transit middle	-11431 Feb 19 j 07:31	8° ♁ 24'37	0°08'51
morning rise	-11432 Mar 19 j 12:38	23° ♁ 06'46		transit begin	-11431 Feb 19 j 04:09	8° ♁ 29'33	
direct	-11432 Mar 21 j 17:13	22° ♁ 53'12		transit end	-11431 Feb 19 j 10:52	8° ♁ 19'41	
morning max el	-11432 Mar 31 j 01:13	27° ♁ 17'36	19°23'31	desc. node	-11431 Feb 19 j 21:58	8° ♁ 03'25	
	-11432 Apr 02 j 14:08	0° ♁		morning rise	-11431 Feb 28 j 11:55	4° ♁ 21'59	
asc. node	-11432 Apr 14 j 07:41	19° ♁ 01'09		direct	-11431 Mar 02 j 17:40	4° ♁ 09'46	
morning set	-11432 Apr 17 j 03:24	24° ♁ 33'18		morning max el	-11431 Mar 13 j 16:46	9° ♁ 22'06	20°29'51
	-11432 Apr 19 j 20:53	0° ♁			-11431 Mar 27 j 17:43	0° ♁	
				morning set	-11431 Apr 01 j 08:11	9° ♁ 05'57	
superior conj	-11432 Apr 25 j 11:45	11° ♁ 08'08	1°27'43	asc. node	-11431 Apr 01 j 04:39	8° ♁ 48'00	
minimum elong	-11432 Apr 25 j 08:43	10° ♁ 53'19	1°26'54				
max. Earth dist.	-11432 May 01 j 11:38	22° ♁ 31'37	1.37690 AU	superior conj	-11431 Apr 09 j 02:32	25° ♁ 01'02	1°08'13
evening rise	-11432 May 05 j 11:41	29° ♁ 46'05		minimum elong	-11431 Apr 08 j 23:48	24° ♁ 47'09	1°07'14
	-11432 May 05 j 14:50	0° ♁			-11431 Apr 11 j 14:07	0° ♁	
	-11432 May 24 j 06:47	0° ♁		max. Earth dist.	-11431 Apr 13 j 18:00	4° ♁ 15'03	1.36048 AU
desc. node	-11432 May 31 j 23:10	10° ♁ 35'43		evening rise	-11431 Apr 18 j 01:10	12° ♁ 25'00	
evening max el	-11432 Jun 10 j 07:52	21° ♁ 31'03	25°03'56		-11431 Apr 28 j 02:43	0° ♁	
retrograde	-11432 Jun 22 j 01:44	28° ♁ 25'29		desc. node	-11431 May 18 j 20:34	29° ♁ 35'14	
evening set	-11432 Jun 27 j 21:45	25° ♁ 52'44			-11431 May 19 j 05:03	0° ♁	
min. Earth dist.	-11432 Jul 02 j 08:29	20° ♁ 45'29	0.66831 AU	evening max el	-11431 May 23 j 18:02	4° ♁ 54'10	26°13'03
inferior conj	-11432 Jul 03 j 05:08	19° ♁ 36'53	-2°18'45	retrograde	-11431 Jun 05 j 09:16	12° ♁ 12'17	
minimum elong	-11432 Jul 03 j 07:27	19° ♁ 29'10	2°17'54	evening set	-11431 Jun 11 j 18:31	9° ♁ 27'48	
morning rise	-11432 Jul 08 j 17:07	13° ♁ 33'47		min. Earth dist.	-11431 Jun 15 j 20:50	4° ♁ 59'54	0.66115 AU
asc. node	-11432 Jul 11 j 08:28	12° ♁ 22'50		inferior conj	-11431 Jun 17 j 06:30	3° ♁ 13'59	-2°51'56
direct	-11432 Jul 12 j 08:15	12° ♁ 17'15		minimum elong	-11431 Jun 17 j 08:51	3° ♁ 06'34	2°51'26
morning max el	-11432 Jul 19 j 23:42	16° ♁ 45'30	20°01'41		-11431 Jun 19 j 23:26	30° ♁	
	-11432 Jul 30 j 04:04	0° ♁		morning rise	-11431 Jun 22 j 23:17	27° ♁ 23'09	
morning set	-11432 Aug 15 j 02:31	24° ♁ 17'42		direct	-11431 Jun 26 j 06:11	26° ♁ 20'53	
	-11432 Aug 18 j 18:13	0° ♁		asc. node	-11431 Jun 28 j 05:16	26° ♁ 42'04	
max. Earth dist.	-11432 Aug 26 j 23:19	12° ♁ 58'48	1.43919 AU		-11431 Jul 02 j 22:13	0° ♁	
desc. node	-11432 Aug 27 j 20:15	14° ♁ 22'34		morning max el	-11431 Jul 03 j 05:24	0° ♁ 18'09	19°06'28
					-11431 Jul 23 j 14:19	0° ♁	
superior conj	-11432 Aug 31 j 12:19	20° ♁ 17'22	-0°21'59	morning set	-11431 Jul 25 j 15:48	3° ♁ 16'28	
minimum elong	-11432 Aug 31 j 10:01	20° ♁ 08'04	0°21'04	max. Earth dist.	-11431 Aug 09 j 15:14	26° ♁ 59'04	1.44546 AU
	-11432 Sep 06 j 10:20	0° ♁					
evening rise	-11432 Sep 14 j 02:34	12° ♁ 55'46		superior conj	-11431 Aug 10 j 18:51	28° ♁ 48'24	0°23'24
	-11432 Sep 24 j 06:46	0° ♁		minimum elong	-11431 Aug 10 j 21:44	28° ♁ 59'51	0°23'34
evening max el	-11432 Oct 02 j 03:17	10° ♁ 41'09	18°16'11		-11431 Aug 11 j 12:55	0° ♁	
asc. node	-11432 Oct 07 j 08:19	14° ♁ 05'54		desc. node	-11431 Aug 14 j 17:29	5° ♁ 04'03	
retrograde	-11432 Oct 08 j 17:53	14° ♁ 16'11		evening rise	-11431 Aug 26 j 07:56	23° ♁ 43'29	
evening set	-11432 Oct 11 j 11:09	13° ♁ 37'37			-11431 Aug 30 j 04:33	0° ♁	
inferior conj	-11432 Oct 17 j 19:17	8° ♁ 11'32	2°57'43	evening max el	-11431 Sep 15 j 16:11	24° ♁ 09'32	18°42'59
minimum elong	-11432 Oct 17 j 15:37	8° ♁ 21'32	2°57'13	retrograde	-11431 Sep 22 j 09:56	27° ♁ 55'48	
min. Earth dist.	-11432 Oct 20 j 02:11	5° ♁ 42'10	0.63525 AU	asc. node	-11431 Sep 24 j 05:27	27° ♁ 37'16	
morning rise	-11432 Oct 23 j 19:16	2° ♁ 13'10		evening set	-11431 Sep 25 j 09:19	27° ♁ 06'08	
	-11432 Oct 27 j 18:28	30° ♁		inferior conj	-11431 Oct 01 j 08:24	21° ♁ 24'20	2°08'57
direct	-11432 Oct 30 j 18:42	29° ♁ 30'23		minimum elong	-11431 Oct 01 j 05:31	21° ♁ 32'56	2°08'34
	-11432 Nov 02 j 22:18	0° ♁		min. Earth dist.	-11431 Oct 03 j 02:17	19° ♁ 19'28	0.64875 AU
morning max el	-11432 Nov 13 j 08:25	7° ♁ 03'19	27°29'35	morning rise	-11431 Oct 07 j 01:12	15° ♁ 15'03	
desc. node	-11432 Nov 23 j 20:31	19° ♁ 24'33		direct	-11431 Oct 13 j 15:42	12° ♁ 31'29	
	-11432 Dec 01 j 03:39	0° ♁		morning max el	-11431 Oct 26 j 18:17	20° ♁ 00'46	26°56'08
morning set	-11432 Dec 17 j 17:46	29° ♁ 21'25			-11431 Nov 04 j 11:07	0° ♁	
	-11432 Dec 18 j 01:30	0° ♁		desc. node	-11431 Nov 10 j 17:13	8° ♁ 33'10	
max. Earth dist.	-11432 Dec 23 j 00:03	10° ♁ 09'02	1.33594 AU		-11431 Nov 24 j 03:32	0° ♁	
				morning set	-11431 Dec 01 j 06:43	13° ♁ 05'42	
superior conj	-11432 Dec 25 j 10:19	15° ♁ 18'23	-1°14'08	max. Earth dist.	-11431 Dec 05 j 20:35	22° ♁ 07'55	1.34602 AU
minimum elong	-11432 Dec 25 j 12:27	15° ♁ 29'48	1°14'00				
	-11431 Jan 01 j 07:13	0° ♁		superior conj	-11431 Dec 09 j 14:32	29° ♁ 50'46	-1°28'00
evening rise	-11431 Jan 01 j 13:38	0° ♁ 33'39		minimum elong	-11431 Dec 09 j 16:24	0° ♁ 00'30	1°27'47
asc. node	-11431 Jan 03 j 06:07	4° ♁ 03'40			-11431 Dec 09 j 16:18	0° ♁	
	-11431 Jan 18 j 09:58	0° ♁		evening rise	-11431 Dec 16 j 23:38	15° ♁ 21'26	
evening max el	-11431 Jan 24 j 11:17	6° ♁ 49'16	23°04'59	asc. node	-11431 Dec 21 j 03:26	23° ♁ 45'34	
retrograde	-11431 Feb 06 j 15:20	13° ♁ 11'58			-11431 Dec 24 j 11:18	0° ♁	
evening set	-11431 Feb 10 j 04:52	12° ♁ 44'16		evening max el	-11430 Jan 06 j 08:54	17° ♁ 51'50	21°33'33
min. Earth dist.	-11431 Feb 17 j 23:19	9° ♁ 11'54	0.55756 AU	retrograde	-11430 Jan 18 j 06:25	23° ♁ 29'19	
inferior conj	-11431 Feb 19 j 07:08	8° ♁ 25'11	0°09'33	evening set	-11430 Jan 21 j 04:22	23° ♁ 10'09	
minimum elong	-11431 Feb 19 j 07:31	8° ♁ 24'37	0°08'51	inferior conj	-11430 Jan 30 j 05:09	19° ♁ 09'02	1°54'34

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

minimum elong	-11430 Jan 30 j 09:46	19° \mathbb{M} 02'27	1°52'44	inferior conj	-11429 Jan 10 j 05:26	29° \mathbb{A} 56'04	3°19'40
min. Earth dist.	-11430 Jan 30 j 13:29	18° \mathbb{M} 57'09	0.55451 AU	minimum elong	-11429 Jan 10 j 11:01	29° \mathbb{A} 47'35	3°18'12
desc. node	-11430 Feb 06 j 18:49	15° \mathbb{M} 28'56			-11429 Jan 10 j 02:50	30° \mathbb{R} \mathbb{A}	
morning rise	-11430 Feb 08 j 14:52	15° \mathbb{M} 00'00		min. Earth dist.	-11429 Jan 12 j 02:50	28° \mathbb{A} 47'28	0.56002 AU
direct	-11430 Feb 11 j 09:00	14° \mathbb{M} 43'04		morning rise	-11429 Jan 19 j 06:13	25° \mathbb{A} 27'07	
morning max el	-11430 Feb 23 j 20:58	20° \mathbb{M} 45'39	21°53'44	direct	-11429 Jan 23 j 02:26	24° \mathbb{A} 54'34	
	-11430 Mar 03 j 12:12	0° \mathbb{A}		desc. node	-11429 Jan 24 j 15:35	25° \mathbb{A} 00'01	
morning set	-11430 Mar 16 j 17:30	23° \mathbb{A} 56'35			-11429 Feb 03 j 20:20	0° \mathbb{M}	
asc. node	-11430 Mar 19 j 01:38	28° \mathbb{A} 49'43		morning max el	-11429 Feb 05 j 15:46	1° \mathbb{M} 37'32	23°29'04
	-11430 Mar 19 j 15:00	0° \mathbb{B}			-11429 Feb 24 j 19:08	0° \mathbb{A}	
				morning set	-11429 Mar 01 j 05:23	8° \mathbb{A} 58'39	
superior conj	-11430 Mar 24 j 02:10	9° \mathbb{B} 23'50	0°46'01	asc. node	-11429 Mar 05 j 22:44	19° \mathbb{A} 01'45	
minimum elong	-11430 Mar 24 j 00:13	9° \mathbb{B} 13'40	0°45'02				
max. Earth dist.	-11430 Mar 27 j 10:16	16° \mathbb{B} 17'21	1.34725 AU	superior conj	-11429 Mar 08 j 07:54	24° \mathbb{A} 08'19	0°22'36
evening rise	-11430 Apr 01 j 06:46	25° \mathbb{B} 55'05		minimum elong	-11429 Mar 08 j 06:57	24° \mathbb{A} 03'14	0°21'47
	-11430 Apr 03 j 10:16	0° \mathbb{A}		max. Earth dist.	-11429 Mar 10 j 12:14	28° \mathbb{A} 46'20	1.33751 AU
	-11430 Apr 21 j 12:06	0° \mathbb{H}			-11429 Mar 11 j 02:14	0° \mathbb{B}	
desc. node	-11430 May 05 j 17:56	17° \mathbb{H} 43'59		evening rise	-11429 Mar 15 j 23:57	10° \mathbb{B} 02'50	
evening max el	-11430 May 06 j 04:54	18° \mathbb{H} 11'09	27°02'48		-11429 Mar 26 j 19:33	0° \mathbb{A}	
retrograde	-11430 May 19 j 11:32	25° \mathbb{H} 41'35			-11429 Apr 17 j 10:31	0° \mathbb{H}	
evening set	-11430 May 26 j 06:42	22° \mathbb{H} 54'57		evening max el	-11429 Apr 18 j 15:08	1° \mathbb{H} 11'32	27°25'57
min. Earth dist.	-11430 May 30 j 02:15	19° \mathbb{H} 05'09	0.65008 AU	desc. node	-11429 Apr 22 j 15:14	4° \mathbb{H} 41'28	
inferior conj	-11430 Jun 01 j 02:14	16° \mathbb{H} 45'28	-3°16'24	retrograde	-11429 May 02 j 08:12	8° \mathbb{H} 45'50	
minimum elong	-11430 Jun 01 j 04:06	16° \mathbb{H} 40'03	3°16'21	evening set	-11429 May 09 j 07:20	6° \mathbb{H} 09'34	
morning rise	-11430 Jun 07 j 01:51	11° \mathbb{H} 09'45		min. Earth dist.	-11429 May 12 j 23:10	2° \mathbb{H} 51'56	0.63512 AU
direct	-11430 Jun 10 j 02:14	10° \mathbb{H} 19'50		inferior conj	-11429 May 15 j 13:45	0° \mathbb{H} 07'08	-3°29'22
asc. node	-11430 Jun 15 j 02:02	12° \mathbb{H} 28'16		minimum elong	-11429 May 15 j 14:29	0° \mathbb{H} 05'13	3°29'41
morning max el	-11430 Jun 16 j 16:02	13° \mathbb{H} 55'16	18°27'30		-11429 May 15 j 16:27	30° \mathbb{R} \mathbb{A}	
	-11430 Jun 28 j 01:52	0° \mathbb{Y}		morning rise	-11429 May 21 j 22:33	24° \mathbb{A} 48'51	
morning set	-11430 Jul 06 j 04:16	13° \mathbb{Y} 19'40		direct	-11429 May 24 j 17:41	24° \mathbb{A} 09'36	
	-11430 Jul 16 j 09:32	0° \mathbb{B}		morning max el	-11429 May 31 j 05:31	27° \mathbb{A} 33'28	18°06'02
				asc. node	-11429 Jun 01 j 22:50	29° \mathbb{A} 26'11	
superior conj	-11430 Jul 20 j 19:20	7° \mathbb{B} 03'37	1°05'58		-11429 Jun 02 j 10:02	0° \mathbb{H}	
minimum elong	-11430 Jul 21 j 01:50	7° \mathbb{B} 29'34	1°05'39	morning set	-11429 Jun 17 j 17:50	24° \mathbb{H} 32'58	
max. Earth dist.	-11430 Jul 23 j 08:16	11° \mathbb{B} 05'49	1.44463 AU		-11429 Jun 20 j 21:46	0° \mathbb{Y}	
desc. node	-11430 Aug 01 j 14:47	25° \mathbb{B} 43'29					
	-11430 Aug 04 j 08:06	0° \mathbb{H}		superior conj	-11429 Jun 30 j 11:40	16° \mathbb{Y} 06'30	1°35'19
evening rise	-11430 Aug 06 j 10:03	3° \mathbb{H} 16'02		minimum elong	-11429 Jun 30 j 16:49	16° \mathbb{Y} 27'38	1°35'07
greatest brilliancy	-11430 Aug 16 j 06:09	18° \mathbb{H} 37'17	-0.8m	max. Earth dist.	-11429 Jul 05 j 22:39	24° \mathbb{Y} 58'50	1.43690 AU
	-11430 Aug 23 j 21:48	0° \mathbb{B}			-11429 Jul 09 j 02:03	0° \mathbb{B}	
evening max el	-11430 Aug 30 j 01:37	7° \mathbb{B} 39'05	19°26'30	evening rise	-11429 Jul 16 j 14:34	11° \mathbb{B} 48'29	
retrograde	-11430 Sep 06 j 05:37	11° \mathbb{B} 45'41		desc. node	-11429 Jul 19 j 12:10	16° \mathbb{B} 17'44	
evening set	-11430 Sep 09 j 13:18	10° \mathbb{B} 41'45			-11429 Jul 28 j 12:29	0° \mathbb{H}	
asc. node	-11430 Sep 11 j 02:31	9° \mathbb{B} 29'23		evening max el	-11429 Aug 13 j 05:22	21° \mathbb{H} 06'32	20°25'12
inferior conj	-11430 Sep 15 j 05:05	4° \mathbb{B} 47'19	1°17'09	retrograde	-11429 Aug 21 j 02:26	25° \mathbb{H} 42'37	
minimum elong	-11430 Sep 15 j 03:19	4° \mathbb{B} 52'58	1°17'07	evening set	-11429 Aug 24 j 20:39	24° \mathbb{H} 21'14	
min. Earth dist.	-11430 Sep 16 j 10:43	3° \mathbb{B} 12'30	0.65911 AU	asc. node	-11429 Aug 28 j 23:32	20° \mathbb{H} 01'29	
	-11430 Sep 19 j 03:53	30° \mathbb{R} \mathbb{H}		inferior conj	-11429 Aug 30 j 06:57	18° \mathbb{H} 17'25	0°24'58
morning rise	-11430 Sep 20 j 17:00	28° \mathbb{H} 30'34		minimum elong	-11429 Aug 30 j 06:23	18° \mathbb{H} 19'20	0°25'21
direct	-11430 Sep 26 j 18:40	25° \mathbb{H} 55'59		min. Earth dist.	-11429 Aug 31 j 01:25	17° \mathbb{H} 15'24	0.66645 AU
	-11430 Oct 05 j 16:05	0° \mathbb{B}		morning rise	-11429 Sep 04 j 15:54	11° \mathbb{H} 56'58	
morning max el	-11430 Oct 09 j 04:29	3° \mathbb{B} 11'52	25°57'32	direct	-11429 Sep 10 j 03:14	9° \mathbb{H} 37'17	
desc. node	-11430 Oct 28 j 13:59	28° \mathbb{B} 14'42		morning max el	-11429 Sep 21 j 14:16	16° \mathbb{H} 27'24	24°41'59
	-11430 Oct 29 j 17:41	0° \mathbb{Q}			-11429 Oct 02 j 20:35	0° \mathbb{B}	
morning set	-11430 Nov 14 j 05:39	26° \mathbb{Q} 03'38		desc. node	-11429 Oct 15 j 10:48	18° \mathbb{B} 19'19	
	-11430 Nov 16 j 08:26	0° \mathbb{H}			-11429 Oct 22 j 16:50	0° \mathbb{Q}	
max. Earth dist.	-11430 Nov 18 j 06:29	3° \mathbb{H} 39'15	1.36031 AU	morning set	-11429 Oct 27 j 09:25	8° \mathbb{Q} 00'47	
				max. Earth dist.	-11429 Oct 31 j 07:35	15° \mathbb{Q} 00'58	1.37827 AU
superior conj	-11430 Nov 23 j 11:43	13° \mathbb{H} 57'31	-1°36'55				
minimum elong	-11430 Nov 23 j 12:45	14° \mathbb{H} 02'44	1°36'39	superior conj	-11429 Nov 06 j 22:34	27° \mathbb{Q} 28'23	-1°39'13
evening rise	-11430 Dec 01 j 06:42	29° \mathbb{H} 55'19		minimum elong	-11429 Nov 06 j 22:08	27° \mathbb{Q} 26'19	1°38'50
	-11430 Dec 01 j 07:37	0° \mathbb{A}			-11429 Nov 08 j 05:43	0° \mathbb{H}	
asc. node	-11430 Dec 08 j 00:45	13° \mathbb{A} 04'00		evening rise	-11429 Nov 15 j 08:44	14° \mathbb{H} 08'38	
evening max el	-11430 Dec 19 j 15:05	29° \mathbb{A} 22'47	20°14'19		-11429 Nov 23 j 19:27	0° \mathbb{A}	
	-11430 Dec 20 j 07:27	0° \mathbb{M}		asc. node	-11429 Nov 24 j 22:07	1° \mathbb{A} 50'02	
retrograde	-11430 Dec 29 j 23:18	4° \mathbb{M} 14'18		evening max el	-11429 Dec 02 j 07:30	11° \mathbb{A} 27'33	19°12'56
evening set	-11429 Jan 01 j 14:06	3° \mathbb{M} 56'59		retrograde	-11429 Dec 11 j 04:27	15° \mathbb{A} 41'01	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening set	-11429 Dec 13 j 16:42	15° Ω 22'13		retrograde	-11428 Nov 22 j 03:04	27° η 51'32	
inferior conj	-11429 Dec 21 j 19:27	11° Ω 08'20	4°06'45	evening set	-11428 Nov 24 j 14:42	27° η 29'22	
minimum elong	-11429 Dec 21 j 22:13	11° Ω 03'35	4°06'25	inferior conj	-11428 Dec 02 j 04:26	22° η 55'26	4°16'19
min. Earth dist.	-11429 Dec 24 j 16:50	9° Ω 10'14	0.57278 AU	minimum elong	-11428 Dec 02 j 03:35	22° η 57'07	4°16'25
morning rise	-11429 Dec 30 j 01:35	6° Ω 14'29		min. Earth dist.	-11428 Dec 05 j 09:47	20° η 23'49	0.59008 AU
direct	-11428 Jan 04 j 06:23	5° Ω 11'41		morning rise	-11428 Dec 09 j 14:40	17° η 39'40	
desc. node	-11428 Jan 11 j 12:17	7° Ω 12'16		direct	-11428 Dec 15 j 22:25	15° η 58'41	
morning max el	-11428 Jan 18 j 06:34	12° Ω 19'02	25°04'16	desc. node	-11428 Dec 28 j 09:00	21° η 48'57	
	-11428 Jan 31 j 21:51	0° \mathbb{M}		morning max el	-11428 Dec 29 j 23:43	23° η 17'37	26°24'20
morning set	-11428 Feb 13 j 17:55	24° \mathbb{M} 04'01			-11427 Jan 05 j 01:29	0° Ω	
	-11428 Feb 16 j 12:48	0° \mathbb{X}			-11427 Jan 23 j 17:28	0° \mathbb{M}	
				morning set	-11427 Jan 28 j 05:18	9° \mathbb{M} 05'58	
superior conj	-11428 Feb 20 j 17:28	9° \mathbb{X} 05'36	-0°00'59	superior conj	-11427 Feb 04 j 04:59	24° \mathbb{M} 08'52	-0°23'50
minimum elong	-11428 Feb 20 j 17:32	9° \mathbb{X} 05'57	0°01'33	minimum elong	-11427 Feb 04 j 05:58	24° \mathbb{M} 14'10	0°24'09
behind sun begin	-11428 Feb 20 j 12:30	8° \mathbb{X} 38'35		max. Earth dist.	-11427 Feb 04 j 10:14	24° \mathbb{M} 37'28	1.32809 AU
behind sun end	-11428 Feb 20 j 22:35	9° \mathbb{X} 33'17		asc. node	-11427 Feb 06 j 17:07	29° \mathbb{M} 36'23	
asc. node	-11428 Feb 20 j 19:54	9° \mathbb{X} 18'47			-11427 Feb 06 j 21:29	0° \mathbb{X}	
max. Earth dist.	-11428 Feb 21 j 21:20	11° \mathbb{X} 36'25	1.33115 AU	evening rise	-11427 Feb 11 j 07:41	9° \mathbb{X} 24'21	
evening rise	-11428 Feb 28 j 01:08	24° \mathbb{X} 35'40			-11427 Feb 22 j 03:37	0° \mathbb{Z}	
	-11428 Mar 01 j 17:56	0° \mathbb{Z}		evening max el	-11427 Mar 13 j 01:22	25° \mathbb{Z} 40'13	26°37'02
	-11428 Mar 19 j 12:14	0° \approx			-11427 Mar 18 j 08:46	0° \approx	
evening max el	-11428 Mar 30 j 22:37	13° \approx 43'51	27°17'48	desc. node	-11427 Mar 26 j 09:35	3° \approx 02'41	
desc. node	-11428 Apr 08 j 12:27	19° \approx 59'04		retrograde	-11427 Mar 27 j 04:21	3° \approx 04'15	
retrograde	-11428 Apr 13 j 22:24	21° \approx 15'50		evening set	-11427 Apr 02 j 08:39	1° \approx 25'17	
evening set	-11428 Apr 20 j 17:01	19° \approx 03'22			-11427 Apr 04 j 16:42	30° \mathbb{R} \mathbb{Z}	
min. Earth dist.	-11428 Apr 24 j 11:06	16° \approx 06'43	0.61688 AU	min. Earth dist.	-11427 Apr 06 j 14:47	28° \mathbb{Z} 35'19	0.59699 AU
inferior conj	-11428 Apr 27 j 13:54	13° \approx 12'15	-3°26'41	inferior conj	-11427 Apr 09 j 23:01	25° \mathbb{Z} 52'23	-3°02'37
minimum elong	-11428 Apr 27 j 12:54	13° \approx 14'36	3°27'07	minimum elong	-11427 Apr 09 j 20:09	25° \mathbb{Z} 58'15	3°02'46
morning rise	-11428 May 04 j 10:31	8° \approx 13'01		morning rise	-11427 Apr 17 j 10:18	21° \mathbb{Z} 12'56	
direct	-11428 May 07 j 01:12	7° \approx 42'57		direct	-11427 Apr 19 j 20:51	20° \mathbb{Z} 50'37	
morning max el	-11428 May 13 j 19:20	11° \approx 06'31	18°02'55	morning max el	-11427 Apr 27 j 06:39	24° \mathbb{Z} 26'26	18°18'47
asc. node	-11428 May 18 j 19:40	17° \approx 20'26			-11427 May 01 j 21:19	0° \approx	
	-11428 May 26 j 10:10	0° \mathbb{H}		asc. node	-11427 May 05 j 16:32	5° \approx 57'58	
morning set	-11428 May 30 j 05:00	6° \mathbb{H} 48'52		morning set	-11427 May 13 j 08:54	19° \approx 56'07	
					-11427 May 18 j 17:19	0° \mathbb{H}	
superior conj	-11428 Jun 10 j 06:30	26° \mathbb{H} 27'49	1°48'21	superior conj	-11427 May 23 j 02:56	8° \mathbb{H} 05'55	1°47'33
minimum elong	-11428 Jun 10 j 07:57	26° \mathbb{H} 34'03	1°48'14	minimum elong	-11427 May 23 j 01:28	7° \mathbb{H} 59'17	1°47'14
	-11428 Jun 12 j 08:04	0° \mathbb{Y}		max. Earth dist.	-11427 May 30 j 11:37	21° \mathbb{H} 04'13	1.40617 AU
max. Earth dist.	-11428 Jun 17 j 07:54	8° \mathbb{Y} 21'32	1.42345 AU	evening rise	-11427 Jun 04 j 13:55	29° \mathbb{H} 36'42	
evening rise	-11428 Jun 24 j 16:44	20° \mathbb{Y} 14'42			-11427 Jun 04 j 19:35	0° \mathbb{Y}	
	-11428 Jun 30 j 23:14	0° \mathbb{B}		desc. node	-11427 Jun 22 j 07:03	26° \mathbb{Y} 53'38	
desc. node	-11428 Jul 05 j 09:36	6° \mathbb{B} 42'48			-11427 Jun 24 j 11:24	0° \mathbb{B}	
	-11428 Jul 22 j 02:12	0° \mathbb{I}		evening max el	-11427 Jul 08 j 16:54	17° \mathbb{B} 51'00	22°56'37
evening max el	-11428 Jul 26 j 02:17	4° \mathbb{I} 30'21	21°36'39	retrograde	-11427 Jul 18 j 16:05	23° \mathbb{B} 45'47	
retrograde	-11428 Aug 03 j 22:27	9° \mathbb{I} 43'43		evening set	-11427 Jul 23 j 13:00	21° \mathbb{B} 43'06	
evening set	-11428 Aug 08 j 05:12	8° \mathbb{I} 02'21		inferior conj	-11427 Jul 28 j 18:16	15° \mathbb{B} 29'02	-1°13'18
inferior conj	-11428 Aug 13 j 11:58	1° \mathbb{I} 52'06	-0°25'42	minimum elong	-11427 Jul 28 j 19:43	15° \mathbb{B} 24'00	1°12'20
minimum elong	-11428 Aug 13 j 12:30	1° \mathbb{I} 50'15	0°24'56	min. Earth dist.	-11427 Jul 28 j 15:41	15° \mathbb{B} 37'57	0.67244 AU
min. Earth dist.	-11428 Aug 13 j 19:55	1° \mathbb{I} 24'43	0.67089 AU	asc. node	-11427 Aug 01 j 17:25	10° \mathbb{B} 28'54	
asc. node	-11428 Aug 14 j 20:30	0° \mathbb{I} 00'58		morning rise	-11427 Aug 03 j 02:21	9° \mathbb{B} 12'54	
	-11428 Aug 14 j 20:47	30° \mathbb{R} \mathbb{B}		direct	-11427 Aug 07 j 10:33	7° \mathbb{B} 29'30	
morning rise	-11428 Aug 18 j 19:40	25° \mathbb{B} 31'53		morning max el	-11427 Aug 16 j 14:38	12° \mathbb{B} 59'39	21°55'36
direct	-11428 Aug 23 j 16:53	23° \mathbb{B} 30'01			-11427 Aug 29 j 22:15	0° \mathbb{I}	
morning max el	-11428 Sep 03 j 00:48	29° \mathbb{B} 43'02	23°18'33	morning set	-11427 Sep 17 j 13:33	28° \mathbb{I} 10'57	
	-11428 Sep 03 j 07:24	0° \mathbb{I}		desc. node	-11427 Sep 18 j 04:44	29° \mathbb{I} 11'31	
	-11428 Sep 25 j 17:25	0° \mathbb{S}			-11427 Sep 18 j 16:51	0° \mathbb{S}	
desc. node	-11428 Oct 01 j 07:44	8° \mathbb{S} 40'13		max. Earth dist.	-11427 Sep 24 j 08:09	9° \mathbb{S} 11'46	1.41720 AU
morning set	-11428 Oct 07 j 12:46	18° \mathbb{S} 44'20					
max. Earth dist.	-11428 Oct 12 j 05:54	26° \mathbb{S} 43'51	1.39813 AU	superior conj	-11427 Oct 01 j 18:41	21° \mathbb{S} 52'06	-1°15'16
	-11428 Oct 14 j 02:54	0° \mathbb{Q}		minimum elong	-11427 Oct 01 j 14:36	21° \mathbb{S} 34'14	1°14'16
superior conj	-11428 Oct 19 j 18:45	10° \mathbb{Q} 11'40	-1°32'47		-11427 Oct 06 j 08:39	0° \mathbb{Q}	
minimum elong	-11428 Oct 19 j 16:23	10° \mathbb{Q} 00'46	1°32'09	evening rise	-11427 Oct 12 j 10:44	11° \mathbb{Q} 06'22	
evening rise	-11428 Oct 29 j 03:12	27° \mathbb{Q} 55'09			-11427 Oct 23 j 06:12	0° \mathbb{P}	
	-11428 Oct 30 j 05:16	0° \mathbb{P}		evening max el	-11427 Oct 28 j 18:01	7° \mathbb{P} 03'29	18°10'25
asc. node	-11428 Nov 10 j 19:25	19° \mathbb{P} 53'10		asc. node	-11427 Oct 28 j 16:42	7° \mathbb{P} 00'13	
evening max el	-11428 Nov 14 j 09:19	24° \mathbb{P} 03'42	18°31'34				

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

retrograde	-11427 Nov 04 j 18:21	10° \overline{m} 38'22		asc. node	-11426 Oct 15 j 13:56	22° Ω 55'43	
evening set	-11427 Nov 07 j 06:44	10° \overline{m} 11'20		retrograde	-11426 Oct 18 j 22:32	23° Ω 51'43	
inferior conj	-11427 Nov 14 j 08:03	5° \overline{m} 15'30	3°58'21	evening set	-11426 Oct 21 j 13:23	23° Ω 18'02	
minimum elong	-11427 Nov 14 j 04:56	5° \overline{m} 22'35	3°58'12	inferior conj	-11426 Oct 28 j 03:22	18° Ω 01'55	3°22'59
min. Earth dist.	-11427 Nov 17 j 08:59	2° \overline{m} 31'03	0.60869 AU	minimum elong	-11426 Oct 27 j 23:34	18° Ω 11'40	3°22'32
	-11427 Nov 20 j 14:16	30° \overline{R} Ω		min. Earth dist.	-11426 Oct 30 j 17:28	15° Ω 23'08	0.62621 AU
morning rise	-11427 Nov 21 j 01:49	29° Ω 41'04		morning rise	-11426 Nov 03 j 08:48	12° Ω 11'17	
direct	-11427 Nov 28 j 00:17	27° Ω 26'33		direct	-11426 Nov 10 j 10:19	9° Ω 35'12	
	-11427 Dec 05 j 20:36	0° \overline{m}		morning max el	-11426 Nov 24 j 04:24	17° Ω 06'14	27°34'53
morning max el	-11427 Dec 11 j 22:59	4° \overline{m} 52'06	27°16'42	desc. node	-11426 Dec 02 j 02:22	26° Ω 03'49	
desc. node	-11427 Dec 15 j 05:42	8° \overline{m} 16'26			-11426 Dec 05 j 01:34	0° \overline{m}	
	-11427 Dec 30 j 18:09	0° $\underline{\Omega}$			-11426 Dec 23 j 08:37	0° $\underline{\Omega}$	
morning set	-11426 Jan 12 j 13:40	23° $\underline{\Omega}$ 57'49		morning set	-11426 Dec 27 j 16:46	8° $\underline{\Omega}$ 31'12	
	-11426 Jan 15 j 10:39	0° \overline{m}		max. Earth dist.	-11425 Jan 02 j 09:01	20° $\underline{\Omega}$ 22'12	1.33205 AU
max. Earth dist.	-11426 Jan 18 j 23:24	7° \overline{m} 37'22	1.32831 AU				
				superior conj	-11425 Jan 04 j 03:07	24° $\underline{\Omega}$ 08'35	-1°04'26
superior conj	-11426 Jan 19 j 16:47	9° \overline{m} 12'06	-0°45'14	minimum elong	-11425 Jan 04 j 05:11	24° $\underline{\Omega}$ 19'48	1°04'21
minimum elong	-11426 Jan 19 j 18:27	9° \overline{m} 21'13	0°45'19		-11425 Jan 06 j 20:02	0° \overline{m}	
asc. node	-11426 Jan 24 j 14:22	19° \overline{m} 50'34		evening rise	-11425 Jan 11 j 04:38	9° \overline{m} 19'39	
evening rise	-11426 Jan 26 j 17:28	24° \overline{m} 21'28		asc. node	-11425 Jan 11 j 11:39	9° \overline{m} 56'25	
	-11426 Jan 29 j 11:20	0° \overline{x}			-11425 Jan 22 j 01:09	0° \overline{x}	
	-11426 Feb 16 j 15:21	0° \overline{Z}		evening max el	-11425 Feb 04 j 15:57	17° \overline{x} 55'26	23°59'08
evening max el	-11426 Feb 22 j 22:36	7° \overline{Z} 00'32	25°27'34	retrograde	-11425 Feb 18 j 07:12	24° \overline{x} 39'43	
retrograde	-11426 Mar 08 j 23:51	14° \overline{Z} 09'56		evening set	-11425 Feb 22 j 10:21	24° \overline{x} 01'51	
desc. node	-11426 Mar 13 j 06:39	13° \overline{Z} 26'23		desc. node	-11425 Feb 28 j 03:38	21° \overline{x} 23'47	
evening set	-11426 Mar 14 j 05:17	13° \overline{Z} 05'31		min. Earth dist.	-11425 Mar 01 j 04:57	20° \overline{x} 46'01	0.56310 AU
min. Earth dist.	-11426 Mar 19 j 11:56	10° \overline{Z} 08'38	0.57802 AU	inferior conj	-11425 Mar 03 j 08:38	19° \overline{x} 26'14	-0°48'40
inferior conj	-11426 Mar 22 j 13:46	7° \overline{Z} 59'04	-2°10'51	minimum elong	-11425 Mar 03 j 06:42	19° \overline{x} 29'13	0°48'41
minimum elong	-11426 Mar 22 j 10:04	8° \overline{Z} 05'37	2°10'35	morning rise	-11425 Mar 12 j 05:51	15° \overline{x} 20'16	
morning rise	-11426 Mar 30 j 18:02	3° \overline{Z} 38'43		direct	-11425 Mar 14 j 10:11	15° \overline{x} 07'45	
direct	-11426 Apr 02 j 00:40	3° \overline{Z} 22'29		morning max el	-11425 Mar 24 j 10:07	19° \overline{x} 50'51	19°49'30
morning max el	-11426 Apr 10 j 12:35	7° \overline{Z} 24'39	18°54'14		-11425 Apr 01 j 07:49	0° \overline{Z}	
asc. node	-11426 Apr 22 j 13:26	25° \overline{Z} 08'48		asc. node	-11425 Apr 09 j 10:21	14° \overline{Z} 44'05	
	-11426 Apr 25 j 02:56	0° \approx		morning set	-11425 Apr 11 j 02:12	18° \overline{Z} 02'45	
morning set	-11426 Apr 27 j 01:12	3° \approx 44'21			-11425 Apr 17 j 00:10	0° \approx	
				superior conj	-11425 Apr 19 j 03:59	4° \approx 18'45	1°19'54
superior conj	-11426 May 05 j 19:54	20° \approx 48'09	1°36'55	minimum elong	-11425 Apr 19 j 00:59	4° \approx 03'54	1°19'00
minimum elong	-11426 May 05 j 17:04	20° \approx 34'42	1°36'17	max. Earth dist.	-11425 Apr 24 j 14:43	14° \approx 52'09	1.36954 AU
	-11426 May 10 j 18:23	0° \overline{H}		evening rise	-11425 Apr 28 j 16:07	22° \approx 22'09	
max. Earth dist.	-11426 May 12 j 12:19	3° \overline{H} 09'29	1.38742 AU		-11425 May 02 j 23:52	0° \overline{H}	
evening rise	-11426 May 16 j 14:33	10° \overline{H} 21'15			-11425 May 22 j 10:10	0° \overline{Y}	
	-11426 May 28 j 15:57	0° \overline{Y}		desc. node	-11425 May 27 j 01:55	6° \overline{Y} 05'25	
desc. node	-11426 Jun 09 j 04:29	16° \overline{Y} 44'13		evening max el	-11425 Jun 03 j 13:09	14° \overline{Y} 33'38	25°35'03
	-11426 Jun 19 j 23:40	0° \overline{Z}		retrograde	-11425 Jun 15 j 16:36	21° \overline{Y} 39'37	
evening max el	-11426 Jun 21 j 03:36	1° \overline{Z} 11'52	24°18'41	evening set	-11425 Jun 21 j 18:40	19° \overline{Y} 00'34	
retrograde	-11426 Jul 02 j 06:23	7° \overline{Z} 46'11		min. Earth dist.	-11425 Jun 26 j 01:34	14° \overline{Y} 10'19	0.66578 AU
evening set	-11426 Jul 07 j 18:10	5° \overline{Z} 23'12		inferior conj	-11425 Jun 27 j 03:40	12° \overline{Y} 45'22	-2°33'45
	-11426 Jul 12 j 08:38	30° \overline{R} \overline{Y}		minimum elong	-11425 Jun 27 j 06:04	12° \overline{Y} 37'35	2°33'02
min. Earth dist.	-11426 Jul 12 j 10:20	29° \overline{Y} 54'13	0.67088 AU	morning rise	-11425 Jul 02 j 17:30	6° \overline{Y} 47'25	
inferior conj	-11426 Jul 13 j 00:07	29° \overline{Y} 07'31	-1°56'26	direct	-11425 Jul 06 j 04:53	5° \overline{Y} 37'19	
minimum elong	-11426 Jul 13 j 02:13	29° \overline{Y} 00'22	1°55'29	asc. node	-11425 Jul 06 j 11:05	5° \overline{Y} 37'42	
morning rise	-11426 Jul 18 j 10:13	22° \overline{Y} 58'56		morning max el	-11425 Jul 13 j 12:39	9° \overline{Y} 51'11	19°36'22
asc. node	-11426 Jul 19 j 14:17	22° \overline{Y} 14'38			-11425 Jul 28 j 03:25	0° \overline{Z}	
direct	-11426 Jul 22 j 07:05	21° \overline{Y} 33'07		morning set	-11425 Aug 07 j 00:17	15° \overline{Z} 21'12	
morning max el	-11426 Jul 30 j 10:21	26° \overline{Y} 21'56	20°39'56		-11425 Aug 16 j 08:07	0° \overline{II}	
	-11426 Aug 02 j 15:16	0° \overline{Z}		max. Earth dist.	-11425 Aug 20 j 07:13	6° \overline{II} 16'25	1.44271 AU
	-11426 Aug 23 j 10:18	0° \overline{II}		desc. node	-11425 Aug 22 j 22:58	10° \overline{II} 30'25	
morning set	-11426 Aug 27 j 19:18	6° \overline{II} 45'54					
desc. node	-11426 Sep 05 j 01:48	19° \overline{II} 49'19		superior conj	-11425 Aug 23 j 11:36	11° \overline{II} 20'56	-0°03'11
max. Earth dist.	-11426 Sep 06 j 17:08	22° \overline{II} 27'32	1.43277 AU	minimum elong	-11425 Aug 23 j 11:18	11° \overline{II} 19'44	0°02'33
	-11426 Sep 11 j 08:02	0° $\overline{\Theta}$		behind sun begin	-11425 Aug 23 j 00:21	10° \overline{II} 35'57	
superior conj	-11426 Sep 12 j 16:48	2° $\overline{\Theta}$ 15'43	-0°44'56	behind sun end	-11425 Aug 23 j 22:14	12° \overline{II} 03'35	
minimum elong	-11426 Sep 12 j 12:51	1° $\overline{\Theta}$ 59'15	0°43'49		-11425 Sep 03 j 22:30	0° $\overline{\Theta}$	
evening rise	-11426 Sep 25 j 03:04	23° $\overline{\Theta}$ 32'31		evening rise	-11425 Sep 06 j 22:53	5° $\overline{\Theta}$ 00'49	
	-11426 Sep 28 j 19:35	0° $\overline{\Omega}$			-11425 Sep 22 j 16:11	0° $\overline{\Omega}$	
evening max el	-11426 Oct 12 j 06:36	20° $\overline{\Omega}$ 19'12	18°08'41	evening max el	-11425 Sep 25 j 20:11	3° $\overline{\Omega}$ 44'39	18°25'24

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

retrograde	-11425 Oct 02 j 11:24	7°Ω23'47		evening rise	-11424 Aug 17 j 16:46	15°Π16'43	
asc. node	-11425 Oct 02 j 11:06	7°Ω23'47			-11424 Aug 26 j 22:37	0°Θ	
evening set	-11425 Oct 05 j 06:54	6°Ω40'57		evening max el	-11424 Sep 08 j 07:54	17°Θ14'01	18°59'31
inferior conj	-11425 Oct 11 j 10:58	1°Ω07'36	2°37'37	retrograde	-11424 Sep 15 j 05:21	21°Θ08'06	
minimum elong	-11425 Oct 11 j 07:34	1°Ω17'16	2°37'08	evening set	-11424 Sep 18 j 07:52	20°Θ12'58	
	-11425 Oct 12 j 10:38	30°RΘ		asc. node	-11424 Sep 18 j 08:12	20°Θ12'28	
min. Earth dist.	-11425 Oct 13 j 12:14	28°Θ47'42	0.64132 AU	inferior conj	-11424 Sep 24 j 03:39	14°Θ25'33	1°47'10
morning rise	-11425 Oct 17 j 07:33	25°Θ03'53		minimum elong	-11424 Sep 24 j 01:13	14°Θ33'03	1°46'56
direct	-11425 Oct 24 j 03:38	22°Θ19'29		min. Earth dist.	-11424 Sep 25 j 16:17	12°Θ32'39	0.65351 AU
morning max el	-11425 Nov 06 j 13:37	29°Θ52'25	27°18'59	morning rise	-11424 Sep 29 j 18:06	8°Θ12'25	
	-11425 Nov 06 j 16:43	0°Ω		direct	-11424 Oct 06 j 03:28	5°Θ31'25	
desc. node	-11425 Nov 18 j 23:02	14°Ω48'04		morning max el	-11424 Oct 18 j 23:51	12°Θ57'14	26°33'45
	-11425 Nov 28 j 22:48	0°Π			-11424 Nov 01 j 21:54	0°Ω	
morning set	-11425 Dec 11 j 11:55	22°Π37'13		desc. node	-11424 Nov 04 j 19:44	4°Ω11'57	
	-11425 Dec 15 j 04:12	0°Ω			-11424 Nov 20 j 12:54	0°Π	
max. Earth dist.	-11425 Dec 16 j 11:17	2°Ω40'09	1.33968 AU	morning set	-11424 Nov 23 j 19:29	6°Π03'31	
				max. Earth dist.	-11424 Nov 28 j 03:05	14°Π24'53	1.35157 AU
superior conj	-11425 Dec 19 j 10:11	8°Ω52'11	-1°20'32	superior conj	-11424 Dec 02 j 11:46	23°Π14'36	-1°32'29
minimum elong	-11425 Dec 19 j 12:16	9°Ω03'14	1°20'22	minimum elong	-11424 Dec 02 j 13:21	23°Π22'47	1°32'16
evening rise	-11425 Dec 26 j 15:34	24°Ω13'08			-11424 Dec 05 j 17:48	0°Ω	
asc. node	-11425 Dec 29 j 08:57	29°Ω49'00		evening rise	-11424 Dec 10 j 00:32	8°Ω55'14	
	-11425 Dec 29 j 11:09	0°Π		asc. node	-11424 Dec 15 j 06:18	19°Ω21'36	
evening max el	-11424 Jan 17 j 10:21	28°Π48'25	22°25'09		-11424 Dec 21 j 10:00	0°Π	
	-11424 Jan 18 j 18:26	0°♂		evening max el	-11424 Dec 29 j 11:15	10°Π01'31	20°57'56
retrograde	-11424 Jan 30 j 03:09	4°♂53'33		retrograde	-11423 Jan 09 j 17:25	15°Π18'46	
evening set	-11424 Feb 02 j 08:40	4°♂30'37		evening set	-11423 Jan 12 j 11:16	15°Π01'09	
inferior conj	-11424 Feb 11 j 11:29	0°♂20'44	0°54'44	inferior conj	-11423 Jan 21 j 08:47	11°Π02'27	2°34'38
minimum elong	-11424 Feb 11 j 13:49	0°♂17'23	0°53'27	minimum elong	-11423 Jan 21 j 14:22	10°Π54'21	2°32'45
min. Earth dist.	-11424 Feb 10 j 20:08	0°♂42'47	0.55516 AU	min. Earth dist.	-11423 Jan 22 j 10:11	10°Π25'39	0.55583 AU
	-11424 Feb 12 j 01:57	30°RΠ		morning rise	-11423 Jan 30 j 16:17	6°Π45'44	
desc. node	-11424 Feb 15 j 00:31	28°Π23'33		desc. node	-11423 Jan 31 j 21:19	6°Π32'14	
morning rise	-11424 Feb 20 j 19:58	26°Π17'09		direct	-11423 Feb 02 j 19:59	6°Π23'48	
direct	-11424 Feb 23 j 04:57	26°Π04'04		morning max el	-11423 Feb 15 j 20:46	12°Π46'14	22°33'25
	-11424 Mar 04 j 00:06	0°♂			-11423 Feb 28 j 15:31	0°♂	
morning max el	-11424 Mar 05 j 21:00	1°♂38'12	21°03'41	morning set	-11423 Mar 09 j 19:46	17°♂39'08	
	-11424 Mar 24 j 01:04	0°Θ		asc. node	-11423 Mar 13 j 04:23	24°♂43'59	
morning set	-11424 Mar 25 j 09:08	2°Θ43'25			-11423 Mar 15 j 15:49	0°Θ	
asc. node	-11424 Mar 26 j 07:19	4°Θ37'35					
superior conj	-11424 Apr 01 j 22:55	18°Θ25'24	0°59'03	superior conj	-11423 Mar 17 j 01:27	2°Θ58'05	0°36'10
minimum elong	-11424 Apr 01 j 20:28	18°Θ12'51	0°58'02	minimum elong	-11423 Mar 16 j 23:54	2°Θ49'59	0°35'14
max. Earth dist.	-11424 Apr 06 j 00:37	26°Θ39'17	1.35438 AU	max. Earth dist.	-11423 Mar 19 j 20:59	8°Θ51'27	1.34266 AU
	-11424 Apr 07 j 17:26	0°≈		evening rise	-11423 Mar 25 j 00:05	19°Θ11'49	
evening rise	-11424 Apr 10 j 13:04	5°≈24'14			-11423 Mar 30 j 17:46	0°≈	
	-11424 Apr 24 j 18:46	0°♂			-11423 Apr 18 j 20:53	0°♂	
desc. node	-11424 May 12 j 23:20	24°♂45'09		evening max el	-11423 Apr 28 j 10:22	11°♂05'37	27°16'23
evening max el	-11424 May 15 j 23:26	27°♂54'02	26°37'01	desc. node	-11423 Apr 29 j 20:40	12°♂26'31	
	-11424 May 18 j 05:27	0°Υ		retrograde	-11423 May 11 j 22:20	18°♂38'58	
retrograde	-11424 May 28 j 22:10	5°Υ19'36		evening set	-11423 May 18 j 19:51	15°♂55'18	
evening set	-11424 Jun 04 j 12:09	2°Υ32'35		min. Earth dist.	-11423 May 22 j 13:21	12°♂19'56	0.64408 AU
	-11424 Jun 07 j 01:23	30°R♂		inferior conj	-11423 May 24 j 19:33	9°♂48'11	-3°23'36
min. Earth dist.	-11424 Jun 08 j 11:12	28°♂21'21	0.65688 AU	minimum elong	-11423 May 24 j 21:01	9°♂44'06	3°23'43
inferior conj	-11424 Jun 10 j 02:55	26°♂20'03	-3°03'34	morning rise	-11423 May 30 j 22:44	4°♂19'24	
minimum elong	-11424 Jun 10 j 05:08	26°♂13'16	3°03'15	direct	-11423 Jun 02 j 20:41	3°♂34'16	
morning rise	-11424 Jun 15 j 22:21	20°♂35'27		asc. node	-11423 Jun 09 j 04:39	6°♂53'30	
direct	-11424 Jun 19 j 02:11	19°♂38'52		morning max el	-11423 Jun 09 j 08:49	7°♂03'53	18°16'10
asc. node	-11424 Jun 22 j 07:51	20°♂35'06			-11423 Jun 24 j 18:24	0°Υ	
morning max el	-11424 Jun 25 j 20:43	23°♂26'00	18°47'49	morning set	-11423 Jun 27 j 21:57	5°Υ18'01	
	-11424 Jul 01 j 03:48	0°Υ					
morning set	-11424 Jul 16 j 22:32	24°Υ44'34		superior conj	-11423 Jul 11 j 17:51	28°Υ06'44	1°20'23
	-11424 Jul 20 j 04:57	0°♂		minimum elong	-11423 Jul 12 j 00:21	28°Υ32'51	1°20'05
					-11423 Jul 12 j 22:01	0°♂	
superior conj	-11424 Aug 01 j 12:49	19°♂37'29	0°42'31	max. Earth dist.	-11423 Jul 15 j 15:29	4°♂21'45	1.44210 AU
minimum elong	-11424 Aug 01 j 17:47	19°♂57'06	0°42'25	desc. node	-11423 Jul 26 j 17:35	21°♂49'02	
max. Earth dist.	-11424 Aug 01 j 23:31	20°♂19'46	1.44591 AU	evening rise	-11423 Jul 28 j 08:11	24°♂19'26	
	-11424 Aug 08 j 02:13	0°Π			-11423 Jul 31 j 23:53	0°Π	
desc. node	-11424 Aug 08 j 20:13	1°Π11'18		greatest brilliancy	-11423 Aug 09 j 12:49	13°Π05'27	-0.7m

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11423 Aug 21 j 22:44	0°☿				-11422 Jul 05 j 15:41	0°♄	
evening max el	-11423 Aug 22 j 15:16	0°☿43'34	19°49'45	evening rise	-11422 Jul 07 j 08:45	2°♄40'38		
retrograde	-11423 Aug 30 j 01:41	5°☿01'20		desc. node	-11422 Jul 13 j 14:59	12°♄19'38		
evening set	-11423 Sep 02 j 13:35	3°☿50'26			-11422 Jul 25 j 13:12	0°♄		
asc. node	-11423 Sep 05 j 05:15	1°☿26'42		evening max el	-11422 Aug 05 j 16:16	14°♄09'29	20°54'17	
	-11423 Sep 06 j 10:50	30°♄		retrograde	-11422 Aug 13 j 22:16	19°♄00'04		
inferior conj	-11423 Sep 08 j 02:50	27°♄51'56	0°54'57	evening set	-11422 Aug 17 j 21:42	17°♄30'17		
minimum elong	-11423 Sep 08 j 01:35	27°♄56'03	0°55'06	inferior conj	-11422 Aug 23 j 06:16	11°♄23'31	0°03'12	
min. Earth dist.	-11423 Sep 09 j 03:41	26°♄30'38	0.66265 AU	minimum elong	-11422 Aug 23 j 06:11	11°♄23'48	0°03'45	
morning rise	-11423 Sep 13 j 13:17	21°♄33'14		transit middle	-11422 Aug 23 j 06:11	11°♄23'48	0°03'45	
direct	-11423 Sep 19 j 09:05	19°♄04'09		transit begin	-11422 Aug 23 j 03:32	11°♄32'49		
morning max el	-11423 Oct 01 j 09:38	26°♄10'21	25°26'49	transit end	-11422 Aug 23 j 08:50	11°♄14'47		
	-11423 Oct 04 j 23:06	0°☿		asc. node	-11422 Aug 23 j 02:14	11°♄37'13		
desc. node	-11423 Oct 22 j 16:32	24°☿04'16		min. Earth dist.	-11422 Aug 23 j 20:11	10°♄36'11	0.66874 AU	
	-11423 Oct 26 j 11:34	0°♄		morning rise	-11422 Aug 28 j 14:31	5°♄02'59		
morning set	-11423 Nov 06 j 10:55	18°♄37'05		direct	-11422 Sep 02 j 19:49	2°♄50'44		
max. Earth dist.	-11423 Nov 10 j 08:24	25°♄47'12	1.36766 AU	morning max el	-11422 Sep 13 j 19:24	9°♄25'21	24°06'58	
	-11423 Nov 12 j 13:36	0°♄			-11422 Sep 30 j 01:15	0°☿		
				desc. node	-11422 Oct 09 j 13:26	14°☿16'33		
superior conj	-11423 Nov 16 j 05:03	7°♄07'30	-1°38'49	morning set	-11422 Oct 19 j 04:52	0°♄03'59		
minimum elong	-11423 Nov 16 j 05:32	7°♄09'56	1°38'31		-11422 Oct 19 j 03:56	0°♄		
evening rise	-11423 Nov 24 j 05:43	23°♄20'49		max. Earth dist.	-11422 Oct 23 j 07:47	7°♄15'36	1.38669 AU	
	-11423 Nov 27 j 14:02	0°♄						
asc. node	-11423 Dec 02 j 03:39	8°♄27'03		superior conj	-11422 Oct 30 j 10:18	20°♄20'05	-1°37'42	
evening max el	-11423 Dec 11 j 21:51	21°♄46'52	19°45'45	minimum elong	-11422 Oct 30 j 09:06	20°♄14'19	1°37'14	
retrograde	-11423 Dec 21 j 13:58	26°♄20'07			-11422 Nov 04 j 10:26	0°♄		
evening set	-11423 Dec 24 j 03:34	26°♄02'21		evening rise	-11422 Nov 08 j 04:55	7°♄23'58		
inferior conj	-11422 Jan 01 j 13:45	21°♄57'24	3°44'36	asc. node	-11422 Nov 19 j 00:59	26°♄56'21		
minimum elong	-11422 Jan 01 j 18:28	21°♄49'56	3°43'39		-11422 Nov 21 j 04:43	0°♄		
min. Earth dist.	-11422 Jan 03 j 23:30	20°♄26'15	0.56480 AU	evening max el	-11422 Nov 24 j 18:32	4°♄05'56	18°52'46	
morning rise	-11422 Jan 10 j 07:19	17°♄18'03		retrograde	-11422 Dec 03 j 02:37	8°♄06'59		
direct	-11422 Jan 14 j 17:45	16°♄34'00		evening set	-11422 Dec 05 j 14:32	7°♄46'50		
desc. node	-11422 Jan 18 j 18:04	17°♄10'58		inferior conj	-11422 Dec 13 j 11:39	3°♄24'30	4°14'53	
morning max el	-11422 Jan 28 j 12:47	23°♄29'00	24°10'25	minimum elong	-11422 Dec 13 j 12:49	3°♄22'24	4°14'51	
	-11422 Feb 03 j 08:36	0°♄		min. Earth dist.	-11422 Dec 16 j 14:06	1°♄10'08	0.57982 AU	
	-11422 Feb 21 j 00:48	0°♄			-11422 Dec 18 j 08:18	30°♄		
morning set	-11422 Feb 22 j 08:08	2°♄42'55		morning rise	-11422 Dec 21 j 09:08	28°♄21'09		
asc. node	-11422 Feb 28 j 01:31	14°♄58'18		direct	-11422 Dec 27 j 02:37	27°♄02'36		
					-11421 Jan 04 j 21:29	0°♄		
superior conj	-11422 Mar 01 j 09:01	17°♄48'14	0°12'34	desc. node	-11421 Jan 05 j 14:48	0°♄29'01		
minimum elong	-11422 Mar 01 j 08:31	17°♄45'28	0°11'50	morning max el	-11421 Jan 10 j 03:55	4°♄15'01	25°41'06	
behind sun begin	-11422 Mar 01 j 05:06	17°♄27'04			-11421 Jan 28 j 17:14	0°♄		
behind sun end	-11422 Mar 01 j 11:55	18°♄03'52		morning set	-11421 Feb 06 j 20:27	17°♄48'20		
max. Earth dist.	-11422 Mar 03 j 02:30	21°♄30'42	1.33443 AU		-11421 Feb 12 j 12:37	0°♄		
	-11422 Mar 07 j 03:32	0°☿						
evening rise	-11422 Mar 08 j 21:03	3°☿31'15		superior conj	-11421 Feb 13 j 19:40	2°♄49'12	-0°10'49	
	-11422 Mar 23 j 13:01	0°♄		minimum elong	-11421 Feb 13 j 20:08	2°♄51'45	0°11'16	
evening max el	-11422 Apr 10 j 19:56	23°♄55'46	27°26'39	behind sun begin	-11421 Feb 13 j 16:36	2°♄32'30		
desc. node	-11422 Apr 16 j 17:56	28°♄45'19		behind sun end	-11421 Feb 13 j 23:40	3°♄11'00		
	-11422 Apr 18 j 22:22	0°♄		max. Earth dist.	-11421 Feb 14 j 13:56	4°♄28'36	1.32948 AU	
retrograde	-11422 Apr 24 j 16:09	1°♄28'57		asc. node	-11421 Feb 14 j 22:43	5°♄16'24		
	-11422 Apr 30 j 01:29	30°♄		evening rise	-11421 Feb 21 j 00:52	18°♄12'18		
evening set	-11422 May 01 j 14:29	29°♄01'38			-11421 Feb 27 j 00:41	0°☿		
min. Earth dist.	-11422 May 05 j 06:31	25°♄54'21	0.62765 AU		-11421 Mar 18 j 08:47	0°♄		
inferior conj	-11422 May 08 j 02:39	23°♄03'33	-3°30'30	evening max el	-11421 Mar 24 j 01:37	6°♄13'33	27°04'17	
minimum elong	-11422 May 08 j 02:43	23°♄03'25	3°30'55	desc. node	-11421 Apr 03 j 15:06	13°♄10'33		
morning rise	-11422 May 14 j 16:06	17°♄52'55		retrograde	-11421 Apr 07 j 02:46	13°♄42'15		
direct	-11422 May 17 j 09:22	17°♄17'36		evening set	-11421 Apr 13 j 16:46	11°♄43'05		
morning max el	-11422 May 23 j 22:41	20°♄39'51	18°02'26	min. Earth dist.	-11421 Apr 17 j 14:32	8°♄51'23	0.60855 AU	
asc. node	-11422 May 27 j 01:27	24°♄16'33		inferior conj	-11421 Apr 20 j 20:51	5°♄59'06	-3°19'28	
	-11422 May 30 j 23:23	0°♄		minimum elong	-11421 Apr 20 j 19:01	6°♄03'09	3°19'50	
morning set	-11422 Jun 09 j 21:17	16°♄59'05		morning rise	-11421 Apr 27 j 23:23	1°♄08'21		
	-11422 Jun 17 j 08:21	0°♄		direct	-11421 Apr 30 j 12:27	0°♄41'37		
				morning max el	-11421 May 07 j 11:48	4°♄08'20	18°07'21	
superior conj	-11422 Jun 21 j 20:52	7°♄40'25	1°42'48	asc. node	-11421 May 13 j 22:19	12°♄30'29		
minimum elong	-11422 Jun 22 j 00:30	7°♄55'35	1°42'39	morning set	-11421 May 23 j 16:07	29°♄38'02		
max. Earth dist.	-11422 Jun 28 j 04:18	18°♄04'39	1.43181 AU		-11421 May 23 j 20:54	0°♄		

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11421 Jun 03 j 03:06	18° X 35'33	1°49'28	superior conj	-11420 May 15 j 08:59	0° X 42'59	1°44'01
minimum elong	-11421 Jun 03 j 03:08	18° X 35'41	1°49'18	minimum elong	-11420 May 15 j 06:46	0° X 32'43	1°43'35
	-11421 Jun 09 j 18:15	0° Y		max. Earth dist.	-11420 May 22 j 13:06	13° X 36'29	1.39817 AU
max. Earth dist.	-11421 Jun 10 j 11:33	1° Y 12'27	1.41645 AU	evening rise	-11420 May 27 j 01:33	21° X 19'49	
evening rise	-11421 Jun 16 j 16:57	11° Y 24'00			-11420 Jun 01 j 08:28	0° Y	
	-11421 Jun 28 j 17:30	0° Z		desc. node	-11420 Jun 16 j 09:49	22° Y 42'03	
desc. node	-11421 Jun 30 j 12:24	2° Z 39'02			-11420 Jun 21 j 18:26	0° Z	
evening max el	-11421 Jul 19 j 10:14	27° Z 30'57	22°09'56	evening max el	-11420 Jun 30 j 22:37	10° Z 50'33	23°31'44
	-11421 Jul 22 j 02:47	0° II		retrograde	-11420 Jul 11 j 09:56	17° Z 03'36	
retrograde	-11421 Jul 28 j 17:28	3° II 01'46		evening set	-11420 Jul 16 j 13:05	14° Z 51'55	
evening set	-11421 Aug 02 j 06:10	1° II 11'06		inferior conj	-11420 Jul 21 j 18:20	8° Z 36'36	-1°32'14
	-11421 Aug 03 j 12:37	30° R Z		minimum elong	-11420 Jul 21 j 20:06	8° Z 30'32	1°31'16
inferior conj	-11421 Aug 07 j 12:01	24° Z 58'46	-0°46'21	min. Earth dist.	-11420 Jul 21 j 11:04	9° Z 01'37	0.67209 AU
minimum elong	-11421 Aug 07 j 12:59	24° Z 55'27	0°45'30	asc. node	-11420 Jul 26 j 20:04	2° Z 37'18	
min. Earth dist.	-11421 Aug 07 j 15:26	24° Z 46'58	0.67190 AU	morning rise	-11420 Jul 27 j 03:04	2° Z 23'11	
asc. node	-11421 Aug 09 j 23:11	21° Z 40'48		direct	-11420 Jul 31 j 06:07	0° Z 47'36	
morning rise	-11421 Aug 12 j 19:42	18° Z 40'00		morning max el	-11420 Aug 08 j 23:21	6° Z 00'17	21°22'14
direct	-11421 Aug 17 j 11:07	16° Z 46'18			-11420 Aug 26 j 22:06	0° II	
morning max el	-11421 Aug 27 j 07:09	22° Z 41'15	22°42'50	morning set	-11420 Sep 08 j 11:54	19° II 13'57	
	-11421 Sep 02 j 14:15	0° II		desc. node	-11420 Sep 12 j 07:23	25° II 16'47	
	-11421 Sep 23 j 10:39	0° S			-11420 Sep 15 j 05:35	0° S	
desc. node	-11421 Sep 26 j 10:22	4° S 42'13		max. Earth dist.	-11420 Sep 16 j 12:15	2° S 05'07	1.42429 AU
morning set	-11421 Sep 29 j 20:49	10° S 13'54					
max. Earth dist.	-11421 Oct 05 j 07:36	19° S 17'32	1.40646 AU	superior conj	-11420 Sep 23 j 12:07	13° S 47'07	-1°03'59
	-11421 Oct 11 j 11:18	0° O		minimum elong	-11420 Sep 23 j 07:43	13° S 28'23	1°02'54
					-11420 Oct 02 j 17:43	0° O	
superior conj	-11421 Oct 12 j 22:35	2° O 38'07	-1°26'51	evening rise	-11420 Oct 04 j 20:54	3° O 50'15	
minimum elong	-11421 Oct 12 j 19:23	2° O 23'42	1°26'03		-11420 Oct 21 j 10:09	0° O	
evening rise	-11421 Oct 22 j 19:13	20° O 56'43		evening max el	-11420 Oct 21 j 10:16	0° O 00'17	18°07'24
	-11421 Oct 27 j 15:50	0° O		asc. node	-11420 Oct 22 j 19:31	1° O 16'08	
asc. node	-11421 Nov 05 j 22:17	14° O 37'26		retrograde	-11420 Oct 28 j 06:10	3° O 33'05	
evening max el	-11421 Nov 07 j 23:32	16° O 52'46	18°20'06	evening set	-11420 Oct 30 j 19:15	3° O 03'38	
retrograde	-11421 Nov 15 j 08:56	20° O 34'08			-11420 Nov 04 j 11:20	30° R O	
evening set	-11421 Nov 17 j 20:33	20° O 10'12		inferior conj	-11420 Nov 06 j 15:37	27° O 59'12	3°45'00
inferior conj	-11421 Nov 25 j 04:53	15° O 26'47	4°11'27	minimum elong	-11420 Nov 06 j 12:02	28° O 07'46	3°44'42
minimum elong	-11421 Nov 25 j 02:52	15° O 31'02	4°11'29	min. Earth dist.	-11420 Nov 09 j 12:34	25° O 14'48	0.61633 AU
min. Earth dist.	-11421 Nov 28 j 09:24	12° O 47'10	0.59792 AU	morning rise	-11420 Nov 13 j 03:38	22° O 17'21	
morning rise	-11421 Dec 02 j 07:33	10° O 02'23		direct	-11420 Nov 20 j 04:40	19° O 51'40	
direct	-11421 Dec 08 j 22:50	8° O 06'16		morning max el	-11420 Dec 04 j 01:52	27° O 20'40	27°28'39
morning max el	-11421 Dec 22 j 23:46	15° O 28'41	26°50'36		-11420 Dec 06 j 16:06	0° O	
desc. node	-11421 Dec 23 j 11:30	15° O 57'11		desc. node	-11420 Dec 09 j 08:12	3° O 02'02	
	-11420 Jan 03 j 21:04	0° A			-11420 Dec 27 j 09:36	0° A	
	-11420 Jan 20 j 22:23	0° M		morning set	-11419 Jan 05 j 13:13	17° A 32'17	
morning set	-11420 Jan 22 j 06:49	2° M 47'16			-11419 Jan 11 j 10:42	0° M	
				max. Earth dist.	-11419 Jan 11 j 15:20	0° M 25'05	1.32944 AU
superior conj	-11420 Jan 29 j 07:30	17° M 53'19	-0°33'09				
minimum elong	-11420 Jan 29 j 08:48	18° M 00'25	0°33'20	superior conj	-11419 Jan 12 j 18:53	2° M 54'33	-0°53'42
max. Earth dist.	-11420 Jan 29 j 03:26	17° M 31'07	1.32777 AU	minimum elong	-11419 Jan 12 j 20:46	3° M 04'48	0°53'42
asc. node	-11420 Feb 01 j 19:58	25° M 33'08		asc. node	-11419 Jan 18 j 17:12	15° M 44'11	
	-11420 Feb 03 j 21:47	0° J		evening rise	-11419 Jan 19 j 19:34	18° M 03'25	
evening rise	-11420 Feb 05 j 09:01	3° J 05'19			-11419 Jan 25 j 18:33	0° J	
	-11420 Feb 20 j 00:47	0° Z		evening max el	-11419 Feb 14 j 20:49	28° J 59'59	24°51'27
evening max el	-11420 Mar 05 j 01:42	17° Z 52'54	26°10'22		-11419 Feb 15 j 22:57	0° Z	
retrograde	-11420 Mar 19 j 04:43	25° Z 12'26		retrograde	-11419 Feb 28 j 19:35	6° Z 00'44	
desc. node	-11420 Mar 20 j 12:12	25° Z 08'06		evening set	-11419 Mar 05 j 13:28	5° Z 09'10	
evening set	-11420 Mar 25 j 00:14	23° Z 48'17		desc. node	-11419 Mar 07 j 09:15	4° Z 23'45	
min. Earth dist.	-11420 Mar 29 j 15:00	20° Z 57'03	0.58866 AU	min. Earth dist.	-11419 Mar 11 j 10:23	2° Z 05'16	0.57099 AU
inferior conj	-11420 Apr 01 j 22:27	18° Z 25'28	-2°44'21	inferior conj	-11419 Mar 14 j 04:39	0° Z 15'21	-1°39'32
minimum elong	-11420 Apr 01 j 19:00	18° Z 32'06	2°44'18	minimum elong	-11419 Mar 14 j 01:19	0° Z 20'55	1°39'14
morning rise	-11420 Apr 09 j 16:49	13° Z 54'49			-11419 Mar 14 j 13:53	30° R Z	
direct	-11420 Apr 12 j 01:36	13° Z 35'24		morning rise	-11419 Mar 22 j 16:24	26° Z 01'56	
morning max el	-11420 Apr 19 j 21:15	17° Z 20'24	18°31'30	direct	-11419 Mar 24 j 21:24	25° Z 47'46	
	-11420 Apr 29 j 00:10	0° Z			-11419 Apr 02 j 21:21	0° Z	
asc. node	-11420 Apr 29 j 19:12	1° Z 23'08		morning max el	-11419 Apr 02 j 23:58	0° Z 06'09	19°15'17
morning set	-11420 May 06 j 01:44	13° Z 03'32		asc. node	-11419 Apr 16 j 16:05	20° Z 45'01	
	-11420 May 14 j 23:42	0° X		morning set	-11419 Apr 19 j 22:05	27° Z 05'12	
					-11419 Apr 21 j 09:20	0° Z	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11419 Apr 28 j 08:55	13° \approx 47'05	1°30'19	morning set	-11418 Apr 04 j 01:59	11° \approx 34'43	
minimum elong	-11419 Apr 28 j 05:54	13° \approx 32'28	1°29'32				
max. Earth dist.	-11419 May 04 j 13:15	25° \approx 26'50	1.37956 AU	superior conj	-11418 Apr 11 j 22:07	27° \approx 34'43	1°11'25
	-11419 May 07 j 01:38	0° \approx		minimum elong	-11418 Apr 11 j 19:17	27° \approx 20'30	1°10'26
evening rise	-11419 May 08 j 13:24	2° \approx 38'30			-11418 Apr 13 j 03:04	0° \approx	
	-11419 May 25 j 11:44	0° \approx		max. Earth dist.	-11418 Apr 16 j 18:39	7° \approx 10'15	1.36276 AU
desc. node	-11419 Jun 03 j 07:15	12° \approx 21'16		evening rise	-11418 Apr 21 j 00:01	15° \approx 08'19	
evening max el	-11419 Jun 13 j 08:29	24° \approx 11'40	24°52'31		-11418 Apr 29 j 11:23	0° \approx	
	-11419 Jun 20 j 21:35	0° \approx			-11418 May 20 j 00:01	0° \approx	
retrograde	-11419 Jun 24 j 22:37	1° \approx 01'08		desc. node	-11418 May 21 j 04:40	1° \approx 26'55	
	-11419 Jun 28 j 15:30	30° \approx		evening max el	-11418 May 26 j 18:32	7° \approx 34'49	26°03'43
evening set	-11419 Jun 30 j 16:30	28° \approx 30'52		retrograde	-11418 Jun 08 j 06:47	14° \approx 49'50	
min. Earth dist.	-11419 Jul 05 j 04:38	23° \approx 17'51	0.66908 AU	evening set	-11418 Jun 14 j 14:18	12° \approx 06'30	
inferior conj	-11419 Jul 05 j 23:25	22° \approx 15'02	-2°13'07	min. Earth dist.	-11418 Jun 18 j 17:48	7° \approx 32'50	0.66252 AU
minimum elong	-11419 Jul 06 j 01:42	22° \approx 07'25	2°12'14	inferior conj	-11418 Jun 20 j 01:26	5° \approx 52'21	-2°47'28
morning rise	-11419 Jul 11 j 10:52	16° \approx 10'19		minimum elong	-11418 Jun 20 j 03:49	5° \approx 44'47	2°46'53
asc. node	-11419 Jul 13 j 16:53	15° \approx 03'12		morning rise	-11418 Jun 25 j 17:23	29° \approx 59'36	
direct	-11419 Jul 15 j 03:27	14° \approx 51'23			-11418 Jun 25 j 17:08	30° \approx	
morning max el	-11419 Jul 22 j 21:44	19° \approx 24'43	20°11'09	direct	-11418 Jun 29 j 01:26	28° \approx 55'19	
	-11419 Jul 31 j 06:46	0° \approx		asc. node	-11418 Jun 30 j 13:40	29° \approx 07'57	
morning set	-11419 Aug 18 j 14:35	27° \approx 40'56			-11418 Jul 02 j 13:05	0° \approx	
	-11419 Aug 20 j 02:18	0° \approx		morning max el	-11418 Jul 06 j 02:35	2° \approx 56'26	19°13'41
max. Earth dist.	-11419 Aug 29 j 23:09	15° \approx 34'51	1.43775 AU		-11418 Jul 24 j 21:56	0° \approx	
desc. node	-11419 Aug 30 j 04:28	15° \approx 56'07		morning set	-11418 Jul 29 j 01:13	6° \approx 32'15	
				max. Earth dist.	-11418 Aug 12 j 14:53	29° \approx 33'18	1.44502 AU
					-11418 Aug 12 j 21:37	0° \approx	
superior conj	-11419 Sep 03 j 22:16	23° \approx 35'59	-0°28'19				
minimum elong	-11419 Sep 03 j 19:24	23° \approx 24'20	0°27'21				
	-11419 Sep 07 j 19:39	0° \approx		superior conj	-11418 Aug 14 j 07:29	2° \approx 14'17	0°16'26
evening rise	-11419 Sep 17 j 05:06	15° \approx 52'36		minimum elong	-11418 Aug 14 j 09:33	2° \approx 22'27	0°16'44
	-11419 Sep 25 j 12:22	0° \approx		desc. node	-11418 Aug 17 j 01:39	6° \approx 37'21	
evening max el	-11419 Oct 04 j 23:40	13° \approx 20'44	18°13'41	evening rise	-11418 Aug 29 j 14:22	26° \approx 11'10	
asc. node	-11419 Oct 09 j 16:43	16° \approx 35'59			-11418 Aug 31 j 12:32	0° \approx	
retrograde	-11419 Oct 11 j 14:18	16° \approx 54'41		evening max el	-11418 Sep 18 j 12:49	26° \approx 48'20	18°37'53
evening set	-11419 Oct 14 j 06:55	16° \approx 17'24			-11418 Sep 22 j 18:59	0° \approx	
inferior conj	-11419 Oct 20 j 16:31	10° \approx 53'51	3°04'35	retrograde	-11418 Sep 25 j 05:40	0° \approx 32'27	
minimum elong	-11419 Oct 20 j 12:47	11° \approx 03'52	3°04'06	asc. node	-11418 Sep 26 j 13:52	0° \approx 22'22	
min. Earth dist.	-11419 Oct 23 j 01:20	8° \approx 21'43	0.63302 AU		-11418 Sep 27 j 15:29	30° \approx	
morning rise	-11419 Oct 26 j 17:50	4° \approx 57'30		evening set	-11418 Sep 28 j 03:59	29° \approx 44'36	
direct	-11419 Nov 02 j 18:05	2° \approx 16'00		inferior conj	-11418 Oct 04 j 04:18	24° \approx 04'45	2°16'34
morning max el	-11419 Nov 16 j 08:57	9° \approx 48'22	27°32'01	minimum elong	-11418 Oct 04 j 01:16	24° \approx 13'42	2°16'10
desc. node	-11419 Nov 26 j 04:52	21° \approx 15'38		min. Earth dist.	-11418 Oct 06 j 00:01	21° \approx 55'55	0.64693 AU
	-11419 Dec 02 j 08:26	0° \approx		morning rise	-11418 Oct 09 j 22:00	17° \approx 56'50	
	-11419 Dec 19 j 14:10	0° \approx		direct	-11418 Oct 16 j 14:06	15° \approx 12'50	
morning set	-11419 Dec 20 j 13:18	1° \approx 54'55		morning max el	-11418 Oct 29 j 18:44	22° \approx 43'09	27°02'57
max. Earth dist.	-11419 Dec 25 j 22:06	12° \approx 58'43	1.33477 AU		-11418 Nov 05 j 08:00	0° \approx	
				desc. node	-11418 Nov 13 j 01:32	10° \approx 18'06	
superior conj	-11419 Dec 28 j 04:05	17° \approx 46'27	-1°11'42		-11418 Nov 25 j 13:09	0° \approx	
minimum elong	-11419 Dec 28 j 06:13	17° \approx 57'54	1°11'35	morning set	-11418 Dec 04 j 03:59	15° \approx 44'58	
	-11418 Jan 02 j 20:42	0° \approx		max. Earth dist.	-11418 Dec 08 j 20:16	25° \approx 02'42	1.34421 AU
evening rise	-11418 Jan 04 j 06:50	3° \approx 00'18			-11418 Dec 11 j 05:59	0° \approx	
asc. node	-11418 Jan 05 j 14:30	5° \approx 45'05					
	-11418 Jan 19 j 06:55	0° \approx		superior conj	-11418 Dec 12 j 09:07	2° \approx 21'45	-1°26'12
evening max el	-11418 Jan 27 j 14:13	9° \approx 52'17	23°19'08	minimum elong	-11418 Dec 12 j 11:04	2° \approx 31'56	1°26'01
retrograde	-11418 Feb 09 j 21:32	16° \approx 20'47		evening rise	-11418 Dec 19 j 17:09	17° \approx 49'40	
evening set	-11418 Feb 13 j 14:23	15° \approx 50'50		asc. node	-11418 Dec 23 j 11:51	25° \approx 30'00	
min. Earth dist.	-11418 Feb 21 j 02:37	12° \approx 23'18	0.55875 AU		-11418 Dec 25 j 20:08	0° \approx	
desc. node	-11418 Feb 22 j 06:13	11° \approx 42'24		evening max el	-11417 Jan 09 j 10:48	20° \approx 51'23	21°46'39
inferior conj	-11418 Feb 22 j 15:58	11° \approx 27'53	-0°06'16	retrograde	-11417 Jan 21 j 13:35	26° \approx 36'20	
minimum elong	-11418 Feb 22 j 15:41	11° \approx 28'19	0°06'46	evening set	-11417 Jan 24 j 13:14	26° \approx 16'23	
transit middle	-11418 Feb 22 j 15:41	11° \approx 28'19	0°06'46	inferior conj	-11417 Feb 02 j 14:50	22° \approx 13'31	1°39'20
transit begin	-11418 Feb 22 j 12:02	11° \approx 33'44		minimum elong	-11417 Feb 02 j 18:56	22° \approx 07'41	1°37'35
transit end	-11418 Feb 22 j 19:20	11° \approx 22'53		min. Earth dist.	-11417 Feb 02 j 16:56	22° \approx 10'31	0.55436 AU
morning rise	-11418 Mar 03 j 19:01	7° \approx 24'21		desc. node	-11417 Feb 09 j 03:05	18° \approx 56'54	
direct	-11418 Mar 06 j 00:10	7° \approx 12'10		morning rise	-11417 Feb 12 j 00:42	18° \approx 06'35	
morning max el	-11418 Mar 16 j 17:08	12° \approx 16'38	20°18'46	direct	-11417 Feb 14 j 15:58	17° \approx 50'58	
	-11418 Mar 29 j 03:18	0° \approx		morning max el	-11417 Feb 26 j 23:03	23° \approx 46'12	21°40'21
asc. node	-11418 Apr 03 j 13:02	10° \approx 29'12			-11417 Mar 04 j 09:59	0° \approx	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

morning set	-11417 Mar 19 j 10:48	26° ♁ 23'12		morning max el	-11416 Feb 08 j 19:03	4° ♁ 41'31	23°14'35
asc. node	-11417 Mar 21 j 10:04	0° ♁ 29'07			-11416 Feb 26 j 05:58	0° ♁	
	-11417 Mar 21 j 04:30	0° ♁		morning set	-11416 Mar 02 j 22:25	11° ♁ 23'29	
				asc. node	-11416 Mar 07 j 07:12	20° ♁ 39'43	
superior conj	-11417 Mar 26 j 20:40	11° ♁ 53'49	0°49'31				
minimum elong	-11417 Mar 26 j 18:35	11° ♁ 42'58	0°48'31	superior conj	-11416 Mar 10 j 01:39	26° ♁ 35'14	0°26'11
max. Earth dist.	-11417 Mar 30 j 09:20	19° ♁ 08'35	1.34900 AU	minimum elong	-11416 Mar 10 j 00:33	26° ♁ 29'21	0°25'20
evening rise	-11417 Apr 04 j 03:33	28° ♁ 31'40			-11416 Mar 11 j 16:15	0° ♁	
	-11417 Apr 04 j 22:04	0° ♁		max. Earth dist.	-11416 Mar 12 j 09:48	1° ♁ 32'22	1.33871 AU
	-11417 Apr 22 j 16:00	0° ♁		evening rise	-11416 Mar 17 j 19:15	12° ♁ 34'09	
desc. node	-11417 May 08 j 02:05	19° ♁ 44'25			-11416 Mar 27 j 04:28	0° ♁	
evening max el	-11417 May 09 j 05:16	20° ♁ 52'51	26°56'49		-11416 Apr 16 j 22:04	0° ♁	
retrograde	-11417 May 22 j 09:55	28° ♁ 22'17		evening max el	-11416 Apr 20 j 15:40	3° ♁ 56'04	27°24'26
evening set	-11417 May 29 j 03:59	25° ♁ 35'04		desc. node	-11416 Apr 23 j 23:24	6° ♁ 54'08	
min. Earth dist.	-11417 Jun 02 j 00:20	21° ♁ 39'57	0.65201 AU	retrograde	-11416 May 04 j 07:38	11° ♁ 30'38	
inferior conj	-11417 Jun 03 j 22:11	19° ♁ 24'45	-3°13'26	evening set	-11416 May 11 j 06:35	8° ♁ 51'54	
minimum elong	-11417 Jun 04 j 00:10	19° ♁ 18'55	3°13'18	min. Earth dist.	-11416 May 14 j 22:38	5° ♁ 30'02	0.63755 AU
morning rise	-11417 Jun 09 j 20:40	13° ♁ 46'44		inferior conj	-11416 May 17 j 11:08	2° ♁ 48'04	-3°28'23
direct	-11417 Jun 12 j 21:53	12° ♁ 55'12		minimum elong	-11416 May 17 j 12:05	2° ♁ 45'32	3°28'39
asc. node	-11417 Jun 17 j 10:28	14° ♁ 41'51			-11416 May 20 j 05:15	30° ♁	
morning max el	-11417 Jun 19 j 12:40	16° ♁ 33'14	18°32'13	morning rise	-11416 May 23 j 18:25	27° ♁ 27'04	
	-11417 Jun 29 j 07:59	0° ♁		direct	-11416 May 26 j 14:12	26° ♁ 46'25	
morning set	-11417 Jul 09 j 09:56	16° ♁ 25'02			-11416 Jun 01 j 21:14	0° ♁	
	-11417 Jul 17 j 18:24	0° ♁		morning max el	-11416 Jun 02 j 01:55	0° ♁ 11'31	18°08'04
				asc. node	-11416 Jun 03 j 07:17	1° ♁ 29'49	
superior conj	-11417 Jul 24 j 07:27	10° ♁ 27'56	1°00'12	morning set	-11416 Jun 19 j 19:55	27° ♁ 27'54	
minimum elong	-11417 Jul 24 j 13:44	10° ♁ 52'54	0°59'55		-11416 Jun 21 j 07:25	0° ♁	
max. Earth dist.	-11417 Jul 26 j 07:56	13° ♁ 40'13	1.44517 AU				
desc. node	-11417 Aug 03 j 22:58	27° ♁ 17'24		superior conj	-11416 Jul 02 j 20:24	19° ♁ 20'40	1°31'58
	-11417 Aug 05 j 16:14	0° ♁		minimum elong	-11416 Jul 03 j 02:00	19° ♁ 43'32	1°31'43
evening rise	-11417 Aug 09 j 20:36	6° ♁ 35'22		max. Earth dist.	-11416 Jul 07 j 22:40	27° ♁ 35'26	1.43841 AU
	-11417 Aug 24 j 23:25	0° ♁			-11416 Jul 09 j 10:51	0° ♁	
evening max el	-11417 Sep 01 j 22:56	10° ♁ 18'19	19°18'59	evening rise	-11416 Jul 19 j 03:21	15° ♁ 13'44	
retrograde	-11417 Sep 09 j 01:03	14° ♁ 21'33		desc. node	-11416 Jul 20 j 20:20	17° ♁ 52'30	
evening set	-11417 Sep 12 j 07:20	13° ♁ 20'00			-11416 Jul 28 j 18:19	0° ♁	
asc. node	-11417 Sep 13 j 10:56	12° ♁ 29'38		evening max el	-11416 Aug 15 j 03:40	23° ♁ 46'11	20°15'37
inferior conj	-11417 Sep 18 j 00:04	7° ♁ 27'13	1°25'05	retrograde	-11416 Aug 22 j 21:52	28° ♁ 17'24	
minimum elong	-11417 Sep 17 j 22:08	7° ♁ 33'23	1°25'00	evening set	-11416 Aug 26 j 14:19	26° ♁ 58'55	
min. Earth dist.	-11417 Sep 19 j 07:28	5° ♁ 47'37	0.65773 AU	asc. node	-11416 Aug 30 j 07:57	23° ♁ 11'27	
morning rise	-11417 Sep 23 j 12:35	1° ♁ 11'12		inferior conj	-11416 Sep 01 j 01:20	20° ♁ 56'24	0°32'51
	-11417 Sep 25 j 02:32	30° ♁		minimum elong	-11416 Sep 01 j 00:35	20° ♁ 58'54	0°33'10
direct	-11417 Sep 29 j 16:14	28° ♁ 34'46		min. Earth dist.	-11416 Sep 01 j 21:27	19° ♁ 49'14	0.66553 AU
	-11417 Oct 04 j 17:11	0° ♁		morning rise	-11416 Sep 06 j 10:36	14° ♁ 36'12	
morning max el	-11417 Oct 12 j 05:07	5° ♁ 53'47	26°07'34	direct	-11416 Sep 12 j 00:08	12° ♁ 13'53	
desc. node	-11417 Oct 30 j 22:17	29° ♁ 55'35		morning max el	-11416 Sep 23 j 14:53	19° ♁ 08'51	24°53'55
	-11417 Oct 30 j 23:27	0° ♁			-11416 Oct 02 j 20:54	0° ♁	
morning set	-11417 Nov 17 j 05:22	28° ♁ 51'07		desc. node	-11416 Oct 16 j 19:06	19° ♁ 57'10	
	-11417 Nov 17 j 20:12	0° ♁			-11416 Oct 23 j 01:56	0° ♁	
max. Earth dist.	-11417 Nov 21 j 07:49	6° ♁ 37'47	1.35793 AU	morning set	-11416 Oct 29 j 12:20	10° ♁ 58'15	
				max. Earth dist.	-11416 Nov 02 j 09:42	17° ♁ 58'08	1.37545 AU
superior conj	-11417 Nov 26 j 07:35	16° ♁ 33'03	-1°35'58				
minimum elong	-11417 Nov 26 j 08:47	16° ♁ 39'09	1°35'43	superior conj	-11416 Nov 08 j 20:13	0° ♁ 09'58	-1°39'24
	-11417 Dec 02 j 20:22	0° ♁		minimum elong	-11416 Nov 08 j 20:03	0° ♁ 09'08	1°39'02
evening rise	-11417 Dec 04 j 00:49	2° ♁ 26'05			-11416 Nov 08 j 18:11	0° ♁	
asc. node	-11417 Dec 10 j 09:12	14° ♁ 52'29		evening rise	-11416 Nov 17 j 03:44	16° ♁ 42'41	
	-11417 Dec 20 j 10:22	0° ♁			-11416 Nov 24 j 02:22	0° ♁	
evening max el	-11417 Dec 22 j 15:29	2° ♁ 17'06	20°25'02	asc. node	-11416 Nov 26 j 06:32	3° ♁ 43'47	
retrograde	-11416 Jan 02 j 05:29	7° ♁ 15'15		evening max el	-11416 Dec 04 j 06:26	14° ♁ 16'58	19°20'46
evening set	-11416 Jan 04 j 20:50	6° ♁ 58'01		retrograde	-11416 Dec 13 j 08:07	18° ♁ 35'00	
inferior conj	-11416 Jan 13 j 13:54	2° ♁ 58'05	3°09'01	evening set	-11416 Dec 15 j 20:37	18° ♁ 16'34	
minimum elong	-11416 Jan 13 j 19:37	2° ♁ 49'30	3°07'25	inferior conj	-11416 Dec 24 j 01:21	14° ♁ 05'23	4°02'11
min. Earth dist.	-11416 Jan 15 j 06:29	1° ♁ 57'31	0.55867 AU	minimum elong	-11416 Dec 24 j 04:40	13° ♁ 59'48	4°01'43
	-11416 Jan 18 j 20:33	30° ♁		min. Earth dist.	-11416 Dec 26 j 20:19	12° ♁ 13'41	0.57057 AU
morning rise	-11416 Jan 22 j 16:48	28° ♁ 32'28		morning rise	-11415 Jan 01 j 10:31	9° ♁ 15'06	
direct	-11416 Jan 26 j 08:19	28° ♁ 03'12		direct	-11415 Jan 06 j 10:43	8° ♁ 17'24	
desc. node	-11416 Jan 26 j 23:52	28° ♁ 04'09		desc. node	-11415 Jan 12 j 20:37	9° ♁ 52'00	
	-11416 Feb 02 j 12:51	0° ♁		morning max el	-11415 Jan 20 j 09:56	15° ♁ 22'15	24°50'41

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11415 Feb 01 j 01:39	0°♌		direct	-11415 Dec 19 j 01:00	18°♎59'17	
morning set	-11415 Feb 15 j 10:57	26°♌28'26		desc. node	-11415 Dec 30 j 17:20	24°♎09'09	
	-11415 Feb 17 j 02:55	0°♌		morning max el	-11414 Jan 02 j 02:17	26°♎16'30	26°13'57
					-11414 Jan 05 j 15:41	0°♌	
superior conj	-11415 Feb 22 j 10:46	11°♌30'46	0°02'34		-11414 Jan 25 j 04:47	0°♌	
minimum elong	-11415 Feb 22 j 10:41	11°♌30'20	0°01'59	morning set	-11414 Jan 30 j 22:36	11°♌31'20	
behind sun begin	-11415 Feb 22 j 05:38	11°♌02'59					
behind sun end	-11415 Feb 22 j 15:44	11°♌57'39		superior conj	-11414 Feb 06 j 22:04	26°♌33'33	-0°20'28
asc. node	-11415 Feb 22 j 04:22	10°♌56'07		minimum elong	-11414 Feb 06 j 22:55	26°♌38'10	0°20'48
max. Earth dist.	-11415 Feb 23 j 17:59	14°♌19'26	1.33186 AU	max. Earth dist.	-11414 Feb 07 j 06:36	27°♌20'09	1.32835 AU
evening rise	-11415 Mar 01 j 19:26	27°♌03'46			-11414 Feb 08 j 11:56	0°♌	
	-11415 Mar 03 j 06:27	0°♌		asc. node	-11414 Feb 09 j 01:33	1°♌13'58	
	-11415 Mar 20 j 13:55	0°♌		evening rise	-11414 Feb 14 j 01:19	11°♌50'45	
evening max el	-11415 Apr 02 j 23:48	16°♌33'34	27°21'14		-11414 Feb 23 j 11:56	0°♌	
desc. node	-11415 Apr 10 j 20:38	22°♌29'01		evening max el	-11414 Mar 16 j 03:24	28°♌35'45	26°45'08
retrograde	-11415 Apr 16 j 22:53	24°♌06'10			-11414 Mar 17 j 15:59	0°♌	
evening set	-11415 Apr 23 j 18:43	21°♌49'32		desc. node	-11414 Mar 28 j 17:49	5°♌55'04	
min. Earth dist.	-11415 Apr 27 j 12:01	18°♌50'31	0.61970 AU	retrograde	-11414 Mar 30 j 06:01	6°♌00'55	
inferior conj	-11415 Apr 30 j 13:13	15°♌56'22	-3°28'23	evening set	-11414 Apr 05 j 13:07	4°♌16'44	
minimum elong	-11415 Apr 30 j 12:30	15°♌58'04	3°28'51	min. Earth dist.	-11414 Apr 09 j 16:45	1°♌26'45	0.59995 AU
morning rise	-11415 May 07 j 07:53	10°♌54'05			-11414 Apr 11 j 11:05	30°♌	
direct	-11415 May 09 j 23:11	10°♌22'44		inferior conj	-11414 Apr 13 j 00:46	28°♌40'46	-3°07'57
morning max el	-11415 May 16 j 15:50	13°♌45'43	18°02'10	minimum elong	-11414 Apr 12 j 22:09	28°♌46'15	3°08'11
asc. node	-11415 May 21 j 04:08	19°♌16'32		morning rise	-11414 Apr 20 j 09:41	23°♌58'19	
	-11415 May 27 j 19:00	0°♌		direct	-11414 Apr 22 j 20:56	23°♌34'51	
morning set	-11415 Jun 02 j 04:12	9°♌35'26		morning max el	-11414 Apr 30 j 03:39	27°♌07'54	18°15'14
					-11414 May 02 j 17:53	0°♌	
superior conj	-11415 Jun 13 j 11:08	29°♌29'43	1°47'22	asc. node	-11414 May 08 j 00:59	7°♌48'12	
minimum elong	-11415 Jun 13 j 13:08	29°♌38'17	1°47'15	morning set	-11414 May 16 j 05:55	22°♌35'54	
	-11415 Jun 13 j 18:13	0°♌			-11414 May 20 j 04:46	0°♌	
max. Earth dist.	-11415 Jun 20 j 08:47	11°♌03'34	1.42576 AU				
evening rise	-11415 Jun 28 j 04:22	23°♌36'41		superior conj	-11414 May 26 j 04:02	10°♌57'08	1°48'24
	-11415 Jul 02 j 06:45	0°♌		minimum elong	-11414 May 26 j 02:55	10°♌52'05	1°48'08
desc. node	-11415 Jul 07 j 17:44	8°♌19'14		max. Earth dist.	-11414 Jun 02 j 13:33	23°♌53'40	1.40891 AU
	-11415 Jul 22 j 22:56	0°♌			-11414 Jun 06 j 04:58	0°♌	
evening max el	-11415 Jul 29 j 01:39	7°♌10'37	21°25'23	evening rise	-11414 Jun 07 j 21:49	2°♌47'46	
retrograde	-11415 Aug 06 j 18:01	12°♌17'49		desc. node	-11414 Jun 24 j 15:10	28°♌32'37	
evening set	-11415 Aug 10 j 22:48	10°♌39'34			-11414 Jun 25 j 15:24	0°♌	
inferior conj	-11415 Aug 16 j 05:59	4°♌30'14	-0°18'09	evening max el	-11414 Jul 11 j 17:07	20°♌31'44	22°44'22
minimum elong	-11415 Aug 16 j 06:22	4°♌28'56	0°17'28	retrograde	-11414 Jul 21 j 12:02	26°♌20'02	
min. Earth dist.	-11415 Aug 16 j 15:30	3°♌57'33	0.67046 AU	evening set	-11414 Jul 26 j 06:48	24°♌20'26	
asc. node	-11415 Aug 17 j 04:55	3°♌11'44		inferior conj	-11414 Jul 31 j 12:11	18°♌06'48	-1°06'20
	-11415 Aug 19 j 17:33	30°♌		minimum elong	-11414 Jul 31 j 13:31	18°♌02'11	1°05'24
morning rise	-11415 Aug 21 j 13:47	28°♌09'49		min. Earth dist.	-11414 Jul 31 j 11:09	18°♌10'19	0.67244 AU
direct	-11415 Aug 26 j 13:06	26°♌05'07		asc. node	-11414 Aug 04 j 01:49	13°♌31'33	
	-11415 Sep 03 j 12:11	0°♌		morning rise	-11414 Aug 05 j 20:07	11°♌49'58	
morning max el	-11415 Sep 06 j 01:02	2°♌23'51	23°31'04	direct	-11414 Aug 10 j 06:11	10°♌03'54	
	-11415 Sep 26 j 23:47	0°♌		morning max el	-11414 Aug 19 j 14:13	15°♌40'13	22°07'37
desc. node	-11415 Oct 03 j 15:59	10°♌15'46			-11414 Aug 31 j 01:19	0°♌	
morning set	-11415 Oct 10 j 19:31	21°♌52'53			-11414 Sep 20 j 01:28	0°♌	
max. Earth dist.	-11415 Oct 15 j 07:52	29°♌35'32	1.39519 AU	desc. node	-11414 Sep 20 j 12:57	0°♌45'46	
	-11415 Oct 15 j 13:29	0°♌		morning set	-11414 Sep 21 j 00:05	1°♌30'16	
				max. Earth dist.	-11414 Sep 27 j 09:33	11°♌57'18	1.41452 AU
superior conj	-11415 Oct 22 j 18:53	13°♌01'08	-1°34'27				
minimum elong	-11415 Oct 22 j 16:49	12°♌51'34	1°33'50	superior conj	-11414 Oct 04 j 22:13	24°♌52'03	-1°18'43
evening rise	-11415 Oct 31 j 23:28	0°♌33'25		minimum elong	-11414 Oct 04 j 18:19	24°♌34'52	1°17'48
	-11415 Oct 31 j 16:32	0°♌			-11414 Oct 07 j 19:26	0°♌	
asc. node	-11415 Nov 13 j 03:49	21°♌54'00		evening rise	-11414 Oct 15 j 08:52	13°♌50'46	
evening max el	-11415 Nov 17 j 07:00	26°♌48'57	18°36'25		-11414 Oct 24 j 09:52	0°♌	
	-11415 Nov 21 j 21:31	0°♌		asc. node	-11414 Oct 31 j 01:03	9°♌10'39	
retrograde	-11415 Nov 25 j 04:02	0°♌39'37		evening max el	-11414 Oct 31 j 14:50	9°♌45'56	18°12'18
evening set	-11415 Nov 27 j 15:46	0°♌17'58		retrograde	-11414 Nov 07 j 17:12	13°♌22'13	
	-11415 Nov 28 j 13:29	30°♌		evening set	-11414 Nov 10 j 05:22	12°♌56'00	
inferior conj	-11415 Dec 05 j 07:25	25°♌47'08	4°16'55	inferior conj	-11414 Nov 17 j 08:26	8°♌03'14	4°02'26
minimum elong	-11415 Dec 05 j 07:03	25°♌47'50	4°16'59	minimum elong	-11414 Nov 17 j 05:33	8°♌09'40	4°02'20
min. Earth dist.	-11415 Dec 08 j 12:29	23°♌19'20	0.58739 AU	min. Earth dist.	-11414 Nov 20 j 10:29	5°♌19'31	0.60590 AU
morning rise	-11415 Dec 12 j 20:28	20°♌34'34		morning rise	-11414 Nov 24 j 04:22	2°♌31'22	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

direct	-11414 Dec 01 j 01:20	0° \mathbb{M} 21'25		morning max el	-11413 Nov 27 j 05:24	19° Ω 54'59	27°34'26
morning max el	-11414 Dec 15 j 00:41	7° \mathbb{M} 45'58	27°11'02	desc. node	-11413 Dec 04 j 10:39	27° Ω 59'43	
desc. node	-11414 Dec 17 j 14:01	10° \mathbb{M} 22'37			-11413 Dec 06 j 00:09	0° \mathbb{M}	
	-11413 Jan 01 j 00:22	0° \mathbb{L}			-11413 Dec 24 j 19:44	0° \mathbb{L}	
morning set	-11413 Jan 15 j 07:33	26° \mathbb{L} 25'48		morning set	-11413 Dec 30 j 11:36	11° \mathbb{L} 02'47	
	-11413 Jan 17 j 00:31	0° \mathbb{M}		max. Earth dist.	-11412 Jan 05 j 06:28	23° \mathbb{L} 10'11	1.33125 AU
superior conj	-11413 Jan 22 j 09:55	11° \mathbb{M} 37'36	-0°42'08	superior conj	-11412 Jan 06 j 20:34	26° \mathbb{L} 35'42	-1°01'42
minimum elong	-11413 Jan 22 j 11:30	11° \mathbb{M} 46'15	0°42'14	minimum elong	-11412 Jan 06 j 22:37	26° \mathbb{L} 46'45	1°01'39
max. Earth dist.	-11413 Jan 21 j 20:06	10° \mathbb{M} 22'16	1.32810 AU		-11412 Jan 08 j 10:16	0° \mathbb{M}	
asc. node	-11413 Jan 26 j 22:46	21° \mathbb{M} 29'14		evening rise	-11412 Jan 13 j 21:48	11° \mathbb{M} 46'01	
evening rise	-11413 Jan 29 j 10:45	26° \mathbb{M} 47'33		asc. node	-11412 Jan 13 j 20:02	11° \mathbb{M} 36'43	
	-11413 Jan 30 j 23:54	0° \mathbb{X}			-11412 Jan 23 j 07:44	0° \mathbb{X}	
	-11413 Feb 17 j 10:54	0° \mathbb{Z}		evening max el	-11412 Feb 07 j 18:54	20° \mathbb{X} 58'09	24°12'56
evening max el	-11413 Feb 26 j 01:19	10° \mathbb{Z} 00'51	25°39'18	retrograde	-11412 Feb 21 j 12:31	27° \mathbb{X} 47'24	
retrograde	-11413 Mar 12 j 03:05	17° \mathbb{Z} 13'01		evening set	-11412 Feb 25 j 19:25	27° \mathbb{X} 06'18	
desc. node	-11413 Mar 15 j 14:53	16° \mathbb{Z} 43'36		desc. node	-11412 Mar 01 j 11:53	24° \mathbb{X} 59'30	
evening set	-11413 Mar 17 j 12:27	16° \mathbb{Z} 03'35		min. Earth dist.	-11412 Mar 03 j 08:06	23° \mathbb{X} 53'54	0.56497 AU
min. Earth dist.	-11413 Mar 22 j 14:33	13° \mathbb{Z} 08'38	0.58072 AU	inferior conj	-11412 Mar 05 j 16:07	22° \mathbb{X} 25'53	-1°02'52
inferior conj	-11413 Mar 25 j 18:22	10° \mathbb{Z} 52'47	-2°20'43	minimum elong	-11412 Mar 05 j 13:43	22° \mathbb{X} 29'40	1°02'46
minimum elong	-11413 Mar 25 j 14:39	10° \mathbb{Z} 59'30	2°20'28	morning rise	-11412 Mar 14 j 11:01	18° \mathbb{X} 18'24	
morning rise	-11413 Apr 02 j 20:02	6° \mathbb{Z} 29'54		direct	-11412 Mar 16 j 15:20	18° \mathbb{X} 05'36	
direct	-11413 Apr 05 j 03:16	6° \mathbb{Z} 12'52		morning max el	-11412 Mar 26 j 09:33	22° \mathbb{X} 41'48	19°40'01
morning max el	-11413 Apr 13 j 10:33	10° \mathbb{Z} 09'55	18°47'44		-11412 Apr 01 j 10:00	0° \mathbb{Z}	
asc. node	-11413 Apr 24 j 21:52	26° \mathbb{Z} 54'33		asc. node	-11412 Apr 10 j 18:48	16° \mathbb{Z} 26'42	
	-11413 Apr 26 j 13:43	0° \approx		morning set	-11412 Apr 12 j 20:26	20° \mathbb{Z} 32'45	
morning set	-11413 Apr 29 j 20:33	6° \approx 18'22			-11412 Apr 17 j 13:08	0° \approx	
superior conj	-11413 May 08 j 18:17	23° \approx 30'42	1°39'01	superior conj	-11412 Apr 21 j 00:24	6° \approx 55'03	1°22'48
minimum elong	-11413 May 08 j 15:34	23° \approx 17'55	1°38'25	minimum elong	-11412 Apr 20 j 21:23	6° \approx 40'08	1°21'54
	-11413 May 12 j 05:54	0° \mathbb{H}		max. Earth dist.	-11412 Apr 26 j 15:48	17° \approx 46'32	1.37205 AU
max. Earth dist.	-11413 May 15 j 14:22	6° \mathbb{H} 03'27	1.39019 AU	evening rise	-11412 Apr 30 j 16:28	25° \approx 09'52	
evening rise	-11413 May 19 j 18:17	13° \mathbb{H} 19'22			-11412 May 03 j 10:05	0° \mathbb{H}	
	-11413 May 29 j 23:17	0° \mathbb{Y}			-11412 May 22 j 12:27	0° \mathbb{Y}	
desc. node	-11413 Jun 11 j 12:36	18° \mathbb{Y} 26'39		desc. node	-11412 May 28 j 10:02	7° \mathbb{Y} 53'11	
	-11413 Jun 20 j 14:20	0° \mathbb{B}		evening max el	-11412 Jun 05 j 13:36	17° \mathbb{Y} 13'30	25°24'27
evening max el	-11413 Jun 24 j 04:06	3° \mathbb{B} 51'52	24°06'37	retrograde	-11412 Jun 17 j 13:52	24° \mathbb{Y} 15'56	
retrograde	-11413 Jul 05 j 02:53	10° \mathbb{B} 20'55		evening set	-11412 Jun 23 j 13:51	21° \mathbb{Y} 38'53	
evening set	-11413 Jul 10 j 12:29	8° \mathbb{B} 00'38		min. Earth dist.	-11412 Jun 27 j 22:02	16° \mathbb{Y} 42'41	0.66670 AU
inferior conj	-11413 Jul 15 j 18:10	1° \mathbb{B} 44'58	-1°50'17	inferior conj	-11412 Jun 28 j 22:12	15° \mathbb{Y} 23'22	-2°28'38
minimum elong	-11413 Jul 15 j 20:12	1° \mathbb{B} 38'04	1°49'19	minimum elong	-11412 Jun 29 j 00:35	15° \mathbb{Y} 15'33	2°27'50
min. Earth dist.	-11413 Jul 15 j 06:05	2° \mathbb{B} 26'08	0.67129 AU	morning rise	-11412 Jul 04 j 11:21	9° \mathbb{Y} 23'35	
	-11413 Jul 17 j 01:23	30° \mathbb{R} \mathbb{Y}		direct	-11412 Jul 07 j 23:59	8° \mathbb{Y} 11'20	
morning rise	-11413 Jul 21 j 03:53	25° \mathbb{Y} 35'08		asc. node	-11412 Jul 07 j 19:31	8° \mathbb{Y} 11'32	
asc. node	-11413 Jul 21 j 22:41	25° \mathbb{Y} 03'15		morning max el	-11412 Jul 15 j 10:22	12° \mathbb{Y} 30'11	19°44'58
direct	-11413 Jul 25 j 02:15	24° \mathbb{Y} 06'55			-11412 Jul 28 j 09:02	0° \mathbb{B}	
morning max el	-11413 Aug 02 j 09:01	29° \mathbb{Y} 01'43	20°50'35	morning set	-11412 Aug 09 j 11:32	18° \mathbb{B} 42'15	
	-11413 Aug 03 j 06:58	0° \mathbb{B}			-11412 Aug 16 j 16:31	0° \mathbb{I}	
	-11413 Aug 24 j 17:25	0° \mathbb{I}		max. Earth dist.	-11412 Aug 22 j 06:48	8° \mathbb{I} 51'05	1.44160 AU
morning set	-11413 Aug 31 j 07:45	10° \mathbb{I} 10'27		desc. node	-11412 Aug 24 j 07:07	12° \mathbb{I} 03'52	
desc. node	-11413 Sep 07 j 09:59	21° \mathbb{I} 22'51		superior conj	-11412 Aug 25 j 23:05	14° \mathbb{I} 44'04	-0°10'01
max. Earth dist.	-11413 Sep 09 j 17:33	25° \mathbb{I} 06'42	1.43072 AU	minimum elong	-11412 Aug 25 j 22:01	14° \mathbb{I} 39'46	0°09'16
	-11413 Sep 12 j 17:26	0° \mathbb{E}		behind sun begin	-11412 Aug 25 j 12:56	14° \mathbb{I} 03'17	
superior conj	-11413 Sep 16 j 00:26	5° \mathbb{E} 27'40	-0°50'20	behind sun end	-11412 Aug 26 j 07:06	15° \mathbb{I} 16'17	
minimum elong	-11413 Sep 15 j 20:15	5° \mathbb{E} 10'09	0°49'14		-11412 Sep 04 j 07:30	0° \mathbb{E}	
evening rise	-11413 Sep 28 j 03:48	26° \mathbb{E} 24'37		evening rise	-11412 Sep 09 j 03:04	8° \mathbb{E} 02'38	
	-11413 Sep 30 j 04:36	0° \mathbb{Q}			-11412 Sep 22 j 14:48	0° \mathbb{Q}	
evening max el	-11413 Oct 15 j 03:00	22° \mathbb{Q} 59'40	18°07'45	evening max el	-11412 Sep 27 j 16:38	6° \mathbb{Q} 24'15	18°21'48
asc. node	-11413 Oct 17 j 22:17	25° \mathbb{Q} 18'07		asc. node	-11412 Oct 03 j 19:28	10° \mathbb{Q} 00'28	
retrograde	-11413 Oct 21 j 19:46	26° \mathbb{Q} 32'07		retrograde	-11412 Oct 04 j 07:32	10° \mathbb{Q} 01'50	
evening set	-11413 Oct 24 j 10:04	25° \mathbb{Q} 59'39		evening set	-11412 Oct 07 j 02:11	9° \mathbb{Q} 20'36	
inferior conj	-11413 Oct 31 j 01:39	20° \mathbb{Q} 46'27	3°29'07	inferior conj	-11412 Oct 13 j 07:39	3° \mathbb{Q} 49'45	2°44'54
minimum elong	-11413 Oct 30 j 21:52	20° \mathbb{Q} 55'59	3°28'43	minimum elong	-11412 Oct 13 j 04:09	3° \mathbb{Q} 59'35	2°44'25
min. Earth dist.	-11413 Nov 02 j 17:34	18° \mathbb{Q} 05'45	0.62368 AU	min. Earth dist.	-11412 Oct 15 j 10:55	1° \mathbb{Q} 26'16	0.63926 AU
morning rise	-11413 Nov 06 j 08:39	14° \mathbb{Q} 57'55			-11412 Oct 16 j 19:30	30° \mathbb{R} \mathbb{E}	
direct	-11413 Nov 13 j 10:16	12° \mathbb{Q} 24'09		morning rise	-11412 Oct 19 j 05:22	27° \mathbb{E} 47'48	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

direct	-11412 Oct 26 j 02:43	25° ☿ 03'37		min. Earth dist.	-11411 Sep 28 j 13:38	15° ☿ 08'52	0.65193 AU
	-11412 Nov 05 j 17:05	0° Ω		morning rise	-11411 Oct 02 j 14:23	10° ☿ 54'16	
morning max el	-11412 Nov 08 j 14:11	2° Ω 36'54	27°23'17	direct	-11411 Oct 09 j 01:40	8° ☿ 12'05	
desc. node	-11412 Nov 20 j 07:20	16° Ω 36'33		morning max el	-11411 Oct 22 j 00:17	15° ☿ 39'21	26°42'02
	-11412 Nov 29 j 06:05	0° ☿			-11411 Nov 02 j 23:42	0° Ω	
morning set	-11412 Dec 13 j 08:09	25° ☿ 13'25		desc. node	-11411 Nov 07 j 04:02	5° Ω 55'22	
	-11412 Dec 15 j 17:26	0° Ω			-11411 Nov 21 j 23:34	0° ☿	
max. Earth dist.	-11412 Dec 18 j 09:55	5° Ω 31'54	1.33827 AU	morning set	-11411 Nov 26 j 17:44	8° ☿ 46'27	
				max. Earth dist.	-11411 Dec 01 j 03:20	17° ☿ 21'10	1.34952 AU
superior conj	-11412 Dec 21 j 04:17	11° Ω 21'36	-1°18'21				
minimum elong	-11412 Dec 21 j 06:24	11° Ω 32'51	1°18'12	superior conj	-11411 Dec 05 j 06:53	25° ☿ 47'59	-1°31'01
evening rise	-11412 Dec 28 j 08:53	26° Ω 40'23		minimum elong	-11411 Dec 05 j 08:35	25° ☿ 56'47	1°30'48
	-11412 Dec 29 j 23:24	0° ☿			-11411 Dec 07 j 07:18	0° Ω	
asc. node	-11412 Dec 30 j 17:21	1° ☿ 31'30		evening rise	-11411 Dec 12 j 18:17	11° Ω 24'49	
	-11411 Jan 17 j 16:45	0° ☿		asc. node	-11411 Dec 17 j 14:41	21° Ω 07'41	
evening max el	-11411 Jan 19 j 12:53	1° ☿ 50'11	22°39'00		-11411 Dec 22 j 13:36	0° ☿	
retrograde	-11411 Feb 01 j 10:01	8° ☿ 01'47		evening max el	-11410 Jan 01 j 12:39	12° ☿ 59'50	21°10'09
evening set	-11411 Feb 04 j 18:02	7° ☿ 37'27		retrograde	-11410 Jan 13 j 00:18	18° ☿ 24'02	
min. Earth dist.	-11411 Feb 12 j 23:39	3° ☿ 55'20	0.55582 AU	evening set	-11410 Jan 15 j 19:24	18° ☿ 06'00	
inferior conj	-11411 Feb 13 j 20:54	3° ☿ 24'37	0°38'38	inferior conj	-11410 Jan 24 j 18:13	14° ☿ 06'57	2°20'55
minimum elong	-11411 Feb 13 j 22:32	3° ☿ 22'14	0°37'32	minimum elong	-11410 Jan 24 j 23:32	13° ☿ 59'18	2°19'01
desc. node	-11411 Feb 16 j 08:48	1° ☿ 59'54		min. Earth dist.	-11410 Jan 25 j 13:49	13° ☿ 38'48	0.55516 AU
	-11411 Feb 20 j 17:58	30° ☿		morning rise	-11410 Feb 03 j 02:47	9° ☿ 53'11	
morning rise	-11411 Feb 23 j 04:19	29° ☿ 21'27		desc. node	-11410 Feb 03 j 05:39	9° ☿ 51'40	
direct	-11411 Feb 25 j 11:51	29° ☿ 08'49		direct	-11410 Feb 06 j 02:51	9° ☿ 33'14	
	-11411 Mar 02 j 00:46	0° ☿		morning max el	-11410 Feb 18 j 23:25	15° ☿ 49'04	22°19'19
morning max el	-11411 Mar 08 j 22:08	4° ☿ 35'27	20°51'28		-11410 Mar 01 j 21:08	0° ☿	
	-11411 Mar 25 j 13:02	0° ☿		morning set	-11410 Mar 12 j 12:56	20° ☿ 05'27	
morning set	-11411 Mar 28 j 02:39	5° ☿ 10'45		asc. node	-11410 Mar 15 j 12:51	26° ☿ 23'18	
asc. node	-11411 Mar 28 j 15:47	6° ☿ 18'02			-11410 Mar 17 j 05:43	0° ☿	
superior conj	-11411 Apr 04 j 17:58	20° ☿ 57'11	1°02'23	superior conj	-11410 Mar 19 j 19:35	5° ☿ 27'09	0°39'43
minimum elong	-11411 Apr 04 j 15:24	20° ☿ 44'07	1°01'22	minimum elong	-11410 Mar 19 j 17:54	5° ☿ 18'17	0°38'47
max. Earth dist.	-11411 Apr 09 j 00:22	29° ☿ 31'50	1.35645 AU	max. Earth dist.	-11410 Mar 22 j 19:27	11° ☿ 41'26	1.34421 AU
	-11411 Apr 09 j 06:05	0° \approx		evening rise	-11410 Mar 27 j 20:13	21° ☿ 46'46	
evening rise	-11411 Apr 13 j 10:55	8° \approx 04'19			-11410 Apr 01 j 04:29	0° \approx	
	-11411 Apr 26 j 01:58	0° ☿			-11410 Apr 19 j 20:41	0° ☿	
desc. node	-11411 May 15 j 07:29	26° ☿ 40'26		evening max el	-11410 May 01 j 10:54	13° ☿ 49'20	27°12'11
	-11411 May 18 j 09:50	0° ☿		desc. node	-11410 May 02 j 04:51	14° ☿ 32'28	
evening max el	-11411 May 18 j 23:51	0° ☿ 35'01	26°29'07	retrograde	-11410 May 14 j 21:04	21° ☿ 21'36	
retrograde	-11411 May 31 j 20:11	7° ☿ 58'20		evening set	-11410 May 21 j 17:54	18° ☿ 36'43	
evening set	-11411 Jun 07 j 08:33	5° ☿ 12'02		min. Earth dist.	-11410 May 25 j 12:05	14° ☿ 56'21	0.64630 AU
min. Earth dist.	-11411 Jun 11 j 08:43	0° ☿ 54'57	0.65843 AU	inferior conj	-11410 May 27 j 16:05	12° ☿ 28'44	-3°21'22
	-11411 Jun 12 j 02:35	30° ☿		minimum elong	-11410 May 27 j 17:42	12° ☿ 24'08	3°21'25
inferior conj	-11411 Jun 12 j 22:16	28° ☿ 58'57	-2°59'42	morning rise	-11410 Jun 02 j 17:58	6° ☿ 57'23	
minimum elong	-11411 Jun 13 j 00:33	28° ☿ 51'54	2°59'18	direct	-11410 Jun 05 j 16:45	6° ☿ 10'35	
morning rise	-11411 Jun 18 j 16:44	23° ☿ 12'03		asc. node	-11410 Jun 11 j 13:09	9° ☿ 03'00	
direct	-11411 Jun 21 j 21:34	22° ☿ 13'33		morning max el	-11410 Jun 12 j 05:16	9° ☿ 41'59	18°19'42
asc. node	-11411 Jun 24 j 16:20	22° ☿ 55'30			-11410 Jun 26 j 02:31	0° ☿	
morning max el	-11411 Jun 28 j 17:39	26° ☿ 04'10	18°54'00	morning set	-11410 Jul 01 j 02:00	8° ☿ 19'09	
	-11411 Jul 02 j 02:13	0° ☿			-11410 Jul 14 j 06:57	0° ☿	
morning set	-11411 Jul 20 j 06:24	27° ☿ 56'12					
	-11411 Jul 21 j 13:19	0° ☿		superior conj	-11410 Jul 15 j 04:41	1° ☿ 27'17	1°15'36
superior conj	-11411 Aug 05 j 01:43	23° ☿ 04'23	0°35'51	minimum elong	-11410 Jul 15 j 11:18	1° ☿ 53'47	1°15'16
minimum elong	-11411 Aug 05 j 06:01	23° ☿ 21'21	0°35'50	max. Earth dist.	-11410 Jul 18 j 15:18	6° ☿ 57'10	1.44315 AU
max. Earth dist.	-11411 Aug 04 j 22:55	22° ☿ 53'18	1.44589 AU	desc. node	-11410 Jul 29 j 01:43	23° ☿ 23'27	
	-11411 Aug 09 j 10:45	0° ☿		evening rise	-11410 Jul 31 j 19:59	27° ☿ 42'18	
desc. node	-11411 Aug 11 j 04:23	2° ☿ 45'04			-11410 Aug 02 j 07:19	0° ☿	
evening rise	-11411 Aug 21 j 01:01	18° ☿ 29'41		greatest brilliancy	-11410 Aug 12 j 07:51	15° ☿ 28'24	-0.7m
	-11411 Aug 28 j 05:00	0° ☿			-11410 Aug 22 j 13:44	0° ☿	
evening max el	-11411 Sep 11 j 04:52	19° ☿ 53'35	18°53'25	evening max el	-11410 Aug 25 j 13:02	3° ☿ 23'14	19°41'21
retrograde	-11411 Sep 18 j 00:53	23° ☿ 44'40		retrograde	-11410 Sep 01 j 21:01	7° ☿ 36'50	
asc. node	-11411 Sep 20 j 16:36	23° ☿ 04'32		evening set	-11410 Sep 05 j 07:26	6° ☿ 28'23	
evening set	-11411 Sep 21 j 02:15	22° ☿ 51'32		asc. node	-11410 Sep 07 j 13:41	4° ☿ 31'44	
inferior conj	-11411 Sep 26 j 23:10	17° ☿ 06'06	1°55'00	inferior conj	-11410 Sep 10 j 21:31	0° ☿ 31'16	1°02'54
minimum elong	-11411 Sep 26 j 20:34	17° ☿ 14'01	1°54'42	minimum elong	-11410 Sep 10 j 20:05	0° ☿ 35'57	1°02'58
					-11410 Sep 11 j 07:08	30° ☿	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

min. Earth dist.	-11410 Sep 12 j 00:01	29° Π 05'14	0.66148 AU	inferior conj	-11409 Aug 26 j 00:26	14° Π 02'31	0°10'57
morning rise	-11410 Sep 16 j 08:27	24° Π 13'16		minimum elong	-11409 Aug 26 j 00:11	14° Π 03'23	0°11'26
direct	-11410 Sep 22 j 06:20	21° Π 42'08		transit middle	-11409 Aug 26 j 00:11	14° Π 03'23	0°11'26
morning max el	-11410 Oct 04 j 10:11	28° Π 51'46	25°37'53	transit begin	-11409 Aug 25 j 22:14	14° Π 10'00	
	-11410 Oct 05 j 12:50	0° \mathfrak{C}		transit end	-11409 Aug 26 j 02:08	13° Π 56'45	
desc. node	-11410 Oct 25 j 00:48	25° \mathfrak{C} 44'04		min. Earth dist.	-11409 Aug 26 j 15:54	13° Π 10'06	0.66797 AU
	-11410 Oct 27 j 18:57	0° Ω		morning rise	-11409 Aug 31 j 08:54	7° Π 41'59	
morning set	-11410 Nov 09 j 11:55	21° Ω 28'59		direct	-11409 Sep 05 j 16:17	5° Π 27'10	
max. Earth dist.	-11410 Nov 13 j 10:16	28° Ω 46'35	1.36501 AU	morning max el	-11409 Sep 16 j 19:58	12° Π 07'23	24°19'24
	-11410 Nov 14 j 01:43	0° \mathfrak{M}			-11409 Oct 01 j 04:47	0° \mathfrak{C}	
				desc. node	-11409 Oct 11 j 21:38	15° \mathfrak{C} 53'53	
superior conj	-11410 Nov 19 j 01:38	9° \mathfrak{M} 46'10	-1°38'19		-11409 Oct 20 j 13:39	0° Ω	
minimum elong	-11410 Nov 19 j 02:20	9° \mathfrak{M} 49'39	1°38'02	morning set	-11409 Oct 22 j 09:25	3° Ω 07'02	
evening rise	-11410 Nov 27 j 00:12	25° \mathfrak{M} 53'39		max. Earth dist.	-11409 Oct 26 j 10:16	10° Ω 12'57	1.38370 AU
	-11410 Nov 29 j 01:14	0° \mathfrak{A}					
asc. node	-11410 Dec 04 j 12:02	10° \mathfrak{A} 17'59		superior conj	-11409 Nov 02 j 08:57	23° Ω 05'39	-1°38'28
evening max el	-11410 Dec 14 j 21:41	24° \mathfrak{A} 40'04	19°55'20	minimum elong	-11409 Nov 02 j 08:01	23° Ω 01'14	1°38'02
retrograde	-11410 Dec 24 j 19:15	29° \mathfrak{A} 19'27			-11409 Nov 05 j 22:31	0° \mathfrak{M}	
evening set	-11410 Dec 27 j 09:16	29° \mathfrak{A} 01'52		evening rise	-11409 Nov 11 j 00:26	10° \mathfrak{M} 00'50	
inferior conj	-11409 Jan 04 j 21:17	24° \mathfrak{A} 58'34	3°36'34	asc. node	-11409 Nov 21 j 09:20	28° \mathfrak{M} 53'39	
minimum elong	-11409 Jan 05 j 02:23	24° \mathfrak{A} 50'37	3°35'26		-11409 Nov 22 j 02:48	0° \mathfrak{A}	
min. Earth dist.	-11409 Jan 07 j 03:02	23° \mathfrak{A} 35'09	0.56298 AU	evening max el	-11409 Nov 27 j 16:53	6° \mathfrak{A} 54'21	18°59'22
morning rise	-11409 Jan 13 j 17:34	20° \mathfrak{A} 23'00		retrograde	-11409 Dec 06 j 05:18	10° \mathfrak{A} 59'34	
direct	-11409 Jan 17 j 22:57	19° \mathfrak{A} 43'19		evening set	-11409 Dec 08 j 17:17	10° \mathfrak{A} 39'55	
desc. node	-11409 Jan 21 j 02:25	20° \mathfrak{A} 05'54		inferior conj	-11409 Dec 16 j 16:23	6° \mathfrak{A} 20'34	4°12'45
morning max el	-11409 Jan 31 j 16:15	26° \mathfrak{A} 34'19	23°56'04	minimum elong	-11409 Dec 16 j 18:06	6° \mathfrak{A} 17'30	4°12'37
	-11409 Feb 03 j 22:36	0° \mathfrak{M}		min. Earth dist.	-11409 Dec 19 j 17:19	4° \mathfrak{A} 11'34	0.57729 AU
	-11409 Feb 22 j 13:16	0° \mathfrak{A}		morning rise	-11409 Dec 24 j 16:53	1° \mathfrak{A} 20'25	
morning set	-11409 Feb 25 j 01:11	5° \mathfrak{A} 08'51		direct	-11409 Dec 30 j 06:02	0° \mathfrak{A} 07'34	
asc. node	-11409 Mar 02 j 09:59	16° \mathfrak{A} 36'54		desc. node	-11408 Jan 07 j 23:08	3° \mathfrak{A} 01'14	
				morning max el	-11408 Jan 13 j 07:11	7° \mathfrak{A} 18'23	25°28'35
superior conj	-11409 Mar 04 j 02:35	20° \mathfrak{A} 15'29	0°16'09		-11408 Jan 30 j 01:00	0° \mathfrak{M}	
minimum elong	-11409 Mar 04 j 01:54	20° \mathfrak{A} 11'53	0°15'24	morning set	-11408 Feb 09 j 13:35	20° \mathfrak{M} 14'13	
behind sun begin	-11409 Mar 04 j 00:50	20° \mathfrak{A} 06'04			-11408 Feb 14 j 02:56	0° \mathfrak{A}	
behind sun end	-11409 Mar 04 j 02:59	20° \mathfrak{A} 17'41					
max. Earth dist.	-11409 Mar 05 j 23:49	24° \mathfrak{A} 17'25	1.33544 AU	superior conj	-11408 Feb 16 j 12:50	5° \mathfrak{A} 15'03	-0°07'20
	-11409 Mar 08 j 16:58	0° \mathfrak{C}		minimum elong	-11408 Feb 16 j 13:10	5° \mathfrak{A} 16'49	0°07'49
evening rise	-11409 Mar 11 j 15:56	6° \mathfrak{C} 02'20		behind sun begin	-11408 Feb 16 j 08:46	4° \mathfrak{A} 52'52	
	-11409 Mar 24 j 19:27	0° \mathfrak{A}		behind sun end	-11408 Feb 16 j 17:34	5° \mathfrak{A} 40'46	
evening max el	-11409 Apr 13 j 20:46	26° \mathfrak{A} 43'28	27°27'01	asc. node	-11408 Feb 17 j 07:08	6° \mathfrak{A} 54'25	
	-11409 Apr 17 j 14:17	0° \mathfrak{H}		max. Earth dist.	-11408 Feb 17 j 10:28	7° \mathfrak{A} 12'33	1.33001 AU
desc. node	-11409 Apr 19 j 02:09	1° \mathfrak{H} 05'53		evening rise	-11408 Feb 23 j 18:50	20° \mathfrak{A} 40'22	
retrograde	-11409 Apr 27 j 15:51	4° \mathfrak{H} 16'56			-11408 Feb 28 j 11:42	0° \mathfrak{C}	
evening set	-11409 May 04 j 14:42	1° \mathfrak{H} 46'12			-11408 Mar 18 j 03:08	0° \mathfrak{A}	
	-11409 May 06 j 18:51	30° \mathfrak{R}		evening max el	-11408 Mar 26 j 03:01	9° \mathfrak{A} 05'58	27°09'38
min. Earth dist.	-11409 May 08 j 06:31	28° \mathfrak{A} 35'35	0.63038 AU	desc. node	-11408 Apr 04 j 23:22	15° \mathfrak{A} 50'18	
inferior conj	-11409 May 11 j 00:47	25° \mathfrak{A} 46'34	-3°30'30	retrograde	-11408 Apr 09 j 03:43	16° \mathfrak{A} 36'02	
minimum elong	-11409 May 11 j 01:06	25° \mathfrak{A} 45'47	3°30'54	evening set	-11408 Apr 15 j 19:35	14° \mathfrak{A} 31'55	
morning rise	-11409 May 17 j 12:34	20° \mathfrak{A} 33'14		min. Earth dist.	-11408 Apr 19 j 15:49	11° \mathfrak{A} 38'53	0.61150 AU
direct	-11409 May 20 j 06:30	19° \mathfrak{A} 56'32		inferior conj	-11408 Apr 22 j 21:05	8° \mathfrak{A} 45'20	-3°22'36
morning max el	-11409 May 26 j 19:04	23° \mathfrak{A} 19'00	18°03'16	minimum elong	-11408 Apr 22 j 19:34	8° \mathfrak{A} 48'48	3°23'00
asc. node	-11409 May 29 j 09:58	26° \mathfrak{A} 17'35		morning rise	-11408 Apr 29 j 21:31	3° \mathfrak{A} 51'42	
	-11409 Jun 01 j 02:19	0° \mathfrak{H}		direct	-11408 May 02 j 11:08	3° \mathfrak{A} 23'51	
morning set	-11409 Jun 12 j 22:02	19° \mathfrak{H} 50'55		morning max el	-11408 May 09 j 08:28	6° \mathfrak{A} 49'09	18°05'24
	-11409 Jun 18 j 18:14	0° \mathfrak{Y}		asc. node	-11408 May 15 j 06:47	14° \mathfrak{A} 24'38	
					-11408 May 24 j 07:13	0° \mathfrak{H}	
superior conj	-11409 Jun 25 j 03:49	10° \mathfrak{Y} 49'53	1°40'28	morning set	-11408 May 25 j 14:15	2° \mathfrak{H} 21'54	
minimum elong	-11409 Jun 25 j 08:00	11° \mathfrak{Y} 07'17	1°40'20				
max. Earth dist.	-11409 Jul 01 j 04:52	20° \mathfrak{Y} 44'41	1.43372 AU	superior conj	-11408 Jun 05 j 06:06	21° \mathfrak{H} 33'22	1°49'20
	-11409 Jul 06 j 23:58	0° \mathfrak{B}		minimum elong	-11408 Jun 05 j 06:37	21° \mathfrak{H} 35'34	1°49'12
evening rise	-11409 Jul 10 j 21:28	6° \mathfrak{B} 06'18			-11408 Jun 10 j 04:02	0° \mathfrak{Y}	
desc. node	-11409 Jul 15 j 23:06	13° \mathfrak{B} 55'33		max. Earth dist.	-11408 Jun 12 j 12:48	3° \mathfrak{Y} 57'53	1.41896 AU
	-11409 Jul 26 j 16:41	0° Π		evening rise	-11408 Jun 19 j 03:06	14° \mathfrak{Y} 42'16	
evening max el	-11409 Aug 08 j 15:00	16° Π 49'50	20°43'53		-11408 Jun 28 j 23:46	0° \mathfrak{B}	
retrograde	-11409 Aug 16 j 17:44	21° Π 35'11		desc. node	-11408 Jul 01 j 20:31	4° \mathfrak{B} 17'08	
evening set	-11409 Aug 20 j 15:19	20° Π 08'22			-11408 Jul 21 j 05:18	0° Π	
asc. node	-11409 Aug 25 j 10:40	14° Π 49'00		evening max el	-11408 Jul 21 j 09:52	0° Π 11'41	21°58'09

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

retrograde	-11408 Jul 30 j 13:13	5° Π 36'31		evening set	-11407 Jul 19 j 07:03	17° \mathcal{B} 30'07	
evening set	-11408 Aug 03 j 23:48	3° Π 49'06		inferior conj	-11407 Jul 24 j 12:16	11° \mathcal{B} 15'11	-1°25'37
	-11408 Aug 07 j 11:52	30° \mathcal{R} 8		minimum elong	-11407 Jul 24 j 13:56	11° \mathcal{B} 09'26	1°24'37
inferior conj	-11408 Aug 09 j 05:56	27° \mathcal{B} 37'22	-0°39'04	min. Earth dist.	-11407 Jul 24 j 06:40	11° \mathcal{B} 34'28	0.67230 AU
minimum elong	-11408 Aug 09 j 06:44	27° \mathcal{B} 34'34	0°38'15	asc. node	-11407 Jul 29 j 04:29	5° \mathcal{B} 35'08	
min. Earth dist.	-11408 Aug 09 j 10:55	27° \mathcal{B} 20'08	0.67159 AU	morning rise	-11407 Jul 29 j 20:44	5° \mathcal{B} 00'38	
asc. node	-11408 Aug 11 j 07:37	24° \mathcal{B} 49'28		direct	-11407 Aug 03 j 01:33	3° \mathcal{B} 22'20	
morning rise	-11408 Aug 14 j 13:35	21° \mathcal{B} 18'00		morning max el	-11407 Aug 11 j 22:31	8° \mathcal{B} 41'07	21°33'39
direct	-11408 Aug 19 j 06:58	19° \mathcal{B} 21'29			-11407 Aug 28 j 03:15	0° Π	
morning max el	-11408 Aug 29 j 07:12	25° \mathcal{B} 22'59	22°55'16	morning set	-11407 Sep 11 j 23:29	22° Π 36'37	
	-11408 Sep 02 j 10:20	0° Π		desc. node	-11407 Sep 14 j 15:31	26° Π 51'00	
	-11408 Sep 23 j 18:01	0° \mathcal{E}			-11407 Sep 16 j 14:30	0° \mathcal{E}	
desc. node	-11408 Sep 27 j 18:31	6° \mathcal{E} 17'37		max. Earth dist.	-11407 Sep 19 j 12:51	4° \mathcal{E} 46'55	1.42191 AU
morning set	-11408 Oct 02 j 05:17	13° \mathcal{E} 28'14					
max. Earth dist.	-11408 Oct 07 j 09:15	22° \mathcal{E} 06'56	1.40355 AU	superior conj	-11407 Sep 26 j 17:15	16° \mathcal{E} 52'17	-1°08'17
	-11408 Oct 11 j 21:58	0° \mathcal{Q}		minimum elong	-11407 Sep 26 j 12:55	16° \mathcal{E} 33'38	1°07'14
					-11407 Oct 04 j 04:02	0° \mathcal{Q}	
superior conj	-11408 Oct 15 j 00:00	5° \mathcal{Q} 32'16	-1°29'14	evening rise	-11407 Oct 07 j 19:58	6° \mathcal{Q} 37'40	
minimum elong	-11408 Oct 14 j 21:05	5° \mathcal{Q} 19'02	1°28'30		-11407 Oct 21 j 21:46	0° \mathcal{R}	
evening rise	-11408 Oct 24 j 16:11	23° \mathcal{Q} 38'08		evening max el	-11407 Oct 24 j 06:50	2° \mathcal{R} 42'03	18°08'06
	-11408 Oct 28 j 01:13	0° \mathcal{R}		asc. node	-11407 Oct 25 j 03:53	3° \mathcal{R} 31'39	
asc. node	-11408 Nov 07 j 06:38	16° \mathcal{R} 42'44		retrograde	-11407 Oct 31 j 04:05	6° \mathcal{R} 15'17	
evening max el	-11408 Nov 09 j 20:47	19° \mathcal{R} 37'20	18°23'45	evening set	-11407 Nov 02 j 16:55	5° \mathcal{R} 46'43	
retrograde	-11408 Nov 17 j 08:57	23° \mathcal{R} 20'47		inferior conj	-11407 Nov 09 j 14:59	0° \mathcal{R} 45'20	3°50'01
evening set	-11408 Nov 19 j 20:31	22° \mathcal{R} 57'32		minimum elong	-11407 Nov 09 j 11:32	0° \mathcal{R} 53'26	3°49'47
inferior conj	-11408 Nov 27 j 06:44	18° \mathcal{R} 17'30	4°13'42		-11407 Nov 10 j 10:10	30° \mathcal{R} 0	
minimum elong	-11408 Nov 27 j 05:05	18° \mathcal{R} 20'53	4°13'46	min. Earth dist.	-11407 Nov 12 j 13:29	28° \mathcal{Q} 00'28	0.61368 AU
min. Earth dist.	-11408 Nov 30 j 11:46	15° \mathcal{R} 40'12	0.59515 AU	morning rise	-11407 Nov 16 j 04:55	25° \mathcal{Q} 06'04	
morning rise	-11408 Dec 04 j 11:57	12° \mathcal{R} 55'59		direct	-11407 Nov 23 j 05:21	22° \mathcal{Q} 43'55	
direct	-11408 Dec 11 j 00:49	11° \mathcal{R} 04'58			-11407 Dec 06 j 22:08	0° \mathcal{R}	
desc. node	-11408 Dec 24 j 19:48	18° \mathcal{R} 11'39		morning max el	-11407 Dec 07 j 03:03	0° \mathcal{R} 11'49	27°25'12
morning max el	-11408 Dec 25 j 02:01	18° \mathcal{R} 26'26	26°42'01	desc. node	-11407 Dec 11 j 16:26	5° \mathcal{R} 03'25	
	-11407 Jan 03 j 20:53	0° \mathcal{A}			-11407 Dec 28 j 18:24	0° \mathcal{A}	
	-11407 Jan 21 j 10:58	0° \mathcal{M}		morning set	-11406 Jan 08 j 07:26	20° \mathcal{A} 01'47	
morning set	-11407 Jan 24 j 00:19	5° \mathcal{M} 14'20			-11406 Jan 13 j 00:53	0° \mathcal{M}	
				max. Earth dist.	-11406 Jan 14 j 12:10	3° \mathcal{M} 10'47	1.32895 AU
superior conj	-11407 Jan 31 j 00:35	20° \mathcal{M} 19'01	-0°29'51				
minimum elong	-11407 Jan 31 j 01:46	20° \mathcal{M} 25'31	0°30'06	superior conj	-11406 Jan 15 j 12:08	5° \mathcal{M} 21'04	-0°50'44
max. Earth dist.	-11407 Jan 30 j 23:45	20° \mathcal{M} 14'32	1.32781 AU	minimum elong	-11406 Jan 15 j 13:57	5° \mathcal{M} 30'58	0°50'46
asc. node	-11407 Feb 03 j 04:20	27° \mathcal{M} 11'31		asc. node	-11406 Jan 21 j 01:35	17° \mathcal{M} 23'49	
	-11407 Feb 04 j 11:37	0° \mathcal{J}		evening rise	-11406 Jan 22 j 12:45	20° \mathcal{M} 29'53	
evening rise	-11407 Feb 07 j 02:26	5° \mathcal{J} 32'00			-11406 Jan 27 j 05:18	0° \mathcal{J}	
	-11407 Feb 20 j 05:29	0° \mathcal{Z}			-11406 Feb 15 j 22:57	0° \mathcal{Z}	
evening max el	-11407 Mar 08 j 04:00	20° \mathcal{Z} 51'15	26°20'16	evening max el	-11406 Feb 17 j 23:52	2° \mathcal{Z} 02'54	25°04'28
retrograde	-11407 Mar 22 j 07:13	28° \mathcal{Z} 12'44		retrograde	-11406 Mar 03 j 23:45	9° \mathcal{Z} 06'49	
desc. node	-11407 Mar 22 j 20:29	28° \mathcal{Z} 11'58		evening set	-11406 Mar 08 j 21:39	8° \mathcal{Z} 11'02	
evening set	-11407 Mar 28 j 05:56	26° \mathcal{Z} 43'25		desc. node	-11406 Mar 09 j 17:32	7° \mathcal{Z} 51'12	
min. Earth dist.	-11407 Apr 01 j 17:23	23° \mathcal{Z} 52'53	0.59152 AU	min. Earth dist.	-11406 Mar 14 j 13:23	5° \mathcal{Z} 09'48	0.57335 AU
inferior conj	-11407 Apr 05 j 01:23	21° \mathcal{Z} 16'49	-2°51'34	inferior conj	-11406 Mar 17 j 10:37	3° \mathcal{Z} 12'44	-1°51'22
minimum elong	-11407 Apr 04 j 22:07	21° \mathcal{Z} 23'15	2°51'34	minimum elong	-11406 Mar 17 j 07:05	3° \mathcal{Z} 18'45	1°51'04
morning rise	-11407 Apr 12 j 17:13	16° \mathcal{Z} 43'10			-11406 Mar 22 j 19:03	30° \mathcal{R} 2	
direct	-11407 Apr 15 j 02:35	16° \mathcal{Z} 22'47		morning rise	-11406 Mar 25 j 19:44	28° \mathcal{J} 56'54	
morning max el	-11407 Apr 22 j 18:38	20° \mathcal{Z} 04'22	18°26'39	direct	-11406 Mar 28 j 01:16	28° \mathcal{J} 42'04	
	-11407 Apr 30 j 06:09	0° \approx			-11406 Apr 02 j 00:08	0° \mathcal{Z}	
asc. node	-11407 May 02 j 03:38	3° \approx 12'12		morning max el	-11406 Apr 05 j 22:31	2° \mathcal{Z} 54'33	19°07'30
morning set	-11407 May 08 j 21:58	15° \approx 41'26		asc. node	-11406 Apr 19 j 00:32	22° \mathcal{Z} 30'15	
	-11407 May 16 j 11:12	0° \mathcal{H}		morning set	-11406 Apr 22 j 16:58	29° \mathcal{Z} 38'30	
					-11406 Apr 22 j 21:20	0° \approx	
superior conj	-11407 May 18 j 08:50	3° \mathcal{H} 31'09	1°45'29				
minimum elong	-11407 May 18 j 06:51	3° \mathcal{H} 22'03	1°45'04	superior conj	-11406 May 01 j 06:26	16° \approx 27'42	1°32'48
max. Earth dist.	-11407 May 25 j 14:55	16° \mathcal{H} 28'02	1.40098 AU	minimum elong	-11406 May 01 j 03:28	16° \approx 13'24	1°32'03
evening rise	-11407 May 30 j 07:39	24° \mathcal{H} 26'19		max. Earth dist.	-11406 May 07 j 15:10	28° \approx 23'06	1.38229 AU
	-11407 Jun 02 j 16:58	0° \mathcal{Y}			-11406 May 08 j 12:34	0° \mathcal{H}	
desc. node	-11407 Jun 18 j 17:58	24° \mathcal{Y} 23'23		evening rise	-11406 May 11 j 15:41	5° \mathcal{H} 33'13	
	-11407 Jun 22 j 19:00	0° \mathcal{B}			-11406 May 26 j 17:18	0° \mathcal{Y}	
evening max el	-11407 Jul 03 j 22:59	13° \mathcal{B} 31'49	23°19'24	desc. node	-11406 Jun 05 j 15:28	14° \mathcal{Y} 06'54	
retrograde	-11407 Jul 14 j 06:08	19° \mathcal{B} 38'36		evening max el	-11406 Jun 16 j 09:10	26° \mathcal{Y} 52'59	24°40'50

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11406 Jun 19 j 19:33	0°♄		retrograde	-11405 Jun 11 j 04:14	17°♊27'30	
retrograde	-11406 Jun 27 j 19:22	3°♄37'11		evening set	-11405 Jun 17 j 09:57	14°♊45'29	
evening set	-11406 Jul 03 j 11:08	1°♄09'26		min. Earth dist.	-11405 Jun 21 j 14:37	10°♊06'04	0.66376 AU
	-11406 Jul 04 j 15:40	30°♋♊		inferior conj	-11405 Jun 22 j 20:17	8°♊30'59	-2°42'47
min. Earth dist.	-11406 Jul 08 j 00:41	25°♊50'46	0.66980 AU	minimum elong	-11405 Jun 22 j 22:41	8°♊23'18	2°42'09
inferior conj	-11406 Jul 08 j 17:40	24°♊53'40	-2°07'19	morning rise	-11405 Jun 28 j 11:28	2°♊36'25	
minimum elong	-11406 Jul 08 j 19:54	24°♊46'11	2°06'25	direct	-11405 Jul 01 j 20:39	1°♊30'09	
morning rise	-11406 Jul 14 j 04:37	18°♊47'31		asc. node	-11405 Jul 02 j 22:10	1°♊36'27	
asc. node	-11406 Jul 16 j 01:20	17°♊46'31		morning max el	-11405 Jul 08 j 23:57	5°♊35'24	19°21'18
direct	-11406 Jul 17 j 22:40	17°♊26'09			-11405 Jul 26 j 05:02	0°♄	
morning max el	-11406 Jul 25 j 19:57	22°♊04'43	20°20'56	morning set	-11405 Aug 01 j 11:12	9°♄50'09	
	-11406 Aug 01 j 07:35	0°♄			-11405 Aug 14 j 06:09	0°♄	
	-11406 Aug 21 j 10:02	0°♄		max. Earth dist.	-11405 Aug 15 j 14:35	2°♄08'28	1.44435 AU
morning set	-11406 Aug 22 j 02:52	1°♄05'23					
desc. node	-11406 Sep 01 j 12:38	17°♄30'03		superior conj	-11405 Aug 17 j 19:58	5°♄40'24	0°09'28
max. Earth dist.	-11406 Sep 01 j 23:13	18°♄12'28	1.43615 AU	minimum elong	-11405 Aug 17 j 21:10	5°♄45'12	0°09'52
				behind sun begin	-11405 Aug 17 j 12:07	5°♄09'09	
superior conj	-11406 Sep 07 j 07:40	26°♄53'38	-0°34'28	behind sun end	-11405 Aug 18 j 06:14	6°♄21'16	
minimum elong	-11406 Sep 07 j 04:20	26°♄39'57	0°33'25	desc. node	-11405 Aug 19 j 09:52	8°♄11'22	
	-11406 Sep 09 j 04:54	0°♄		evening rise	-11405 Sep 01 j 20:16	29°♄58'10	
evening rise	-11406 Sep 20 j 07:10	18°♄48'50			-11405 Sep 01 j 20:43	0°♄	
	-11406 Sep 26 j 19:10	0°♄		evening max el	-11405 Sep 21 j 09:25	29°♄28'10	18°33'09
evening max el	-11406 Oct 07 j 20:03	16°♄01'14	18°11'34		-11405 Sep 21 j 22:13	0°♄	
asc. node	-11406 Oct 12 j 01:04	19°♄04'43		retrograde	-11405 Sep 28 j 01:33	3°♄10'24	
retrograde	-11406 Oct 14 j 10:56	19°♄34'25		asc. node	-11405 Sep 28 j 22:15	3°♄06'16	
evening set	-11406 Oct 17 j 02:56	18°♄58'25		evening set	-11405 Sep 30 j 22:51	2°♄24'21	
inferior conj	-11406 Oct 23 j 14:01	13°♄37'23	3°11'18		-11405 Oct 04 j 01:52	30°♋♄	
minimum elong	-11406 Oct 23 j 10:15	13°♄47'21	3°10'50	inferior conj	-11405 Oct 07 j 00:25	26°♄46'38	2°24'11
min. Earth dist.	-11406 Oct 26 j 00:42	11°♄02'44	0.63068 AU	minimum elong	-11405 Oct 06 j 21:15	26°♄55'52	2°23'44
morning rise	-11406 Oct 29 j 16:42	7°♄43'04		min. Earth dist.	-11405 Oct 08 j 22:03	24°♄33'50	0.64502 AU
direct	-11406 Nov 05 j 17:36	5°♄03'12		morning rise	-11405 Oct 12 j 19:05	20°♄40'07	
morning max el	-11406 Nov 19 j 09:36	12°♄35'03	27°33'47	direct	-11405 Oct 19 j 12:38	17°♄55'49	
desc. node	-11406 Nov 28 j 13:06	23°♄08'14		morning max el	-11405 Nov 01 j 19:18	25°♄27'10	27°09'11
	-11406 Dec 03 j 11:44	0°♄			-11405 Nov 06 j 01:26	0°♄	
	-11406 Dec 21 j 02:21	0°♄		desc. node	-11405 Nov 15 j 09:47	12°♄04'26	
morning set	-11406 Dec 23 j 08:41	4°♄28'41			-11405 Nov 26 j 22:01	0°♄	
max. Earth dist.	-11406 Dec 28 j 20:03	15°♄48'57	1.33372 AU	morning set	-11405 Dec 07 j 01:01	18°♄24'22	
				max. Earth dist.	-11405 Dec 11 j 19:48	27°♄58'00	1.34253 AU
superior conj	-11406 Dec 30 j 21:49	20°♄15'03	-1°09'11		-11405 Dec 12 j 19:28	0°♄	
minimum elong	-11406 Dec 30 j 23:56	20°♄26'29	1°09'04				
	-11405 Jan 04 j 10:22	0°♄		superior conj	-11405 Dec 15 j 03:37	4°♄53'08	-1°24'18
evening rise	-11405 Jan 07 j 00:04	5°♄27'45		minimum elong	-11405 Dec 15 j 05:37	5°♄03'41	1°24'06
asc. node	-11405 Jan 07 j 22:53	7°♄26'49		evening rise	-11405 Dec 22 j 10:38	20°♄18'29	
	-11405 Jan 20 j 07:25	0°♄		asc. node	-11405 Dec 25 j 20:13	27°♄14'23	
evening max el	-11405 Jan 30 j 17:12	12°♄56'03	23°33'13		-11405 Dec 27 j 06:03	0°♄	
retrograde	-11405 Feb 13 j 03:29	19°♄30'13		evening max el	-11404 Jan 12 j 12:52	23°♄52'04	21°59'55
evening set	-11405 Feb 16 j 23:52	18°♄57'43		retrograde	-11404 Jan 24 j 20:46	29°♄44'22	
min. Earth dist.	-11405 Feb 24 j 05:53	15°♄34'38	0.56014 AU	evening set	-11404 Jan 27 j 22:17	29°♄23'32	
desc. node	-11405 Feb 24 j 14:29	15°♄21'49		inferior conj	-11404 Feb 06 j 00:30	25°♄18'30	1°23'39
inferior conj	-11405 Feb 26 j 00:32	14°♄30'34	-0°21'46	minimum elong	-11404 Feb 06 j 04:01	25°♄13'30	1°22'04
minimum elong	-11405 Feb 25 j 23:36	14°♄31'58	0°22'05	min. Earth dist.	-11404 Feb 05 j 20:24	25°♄24'21	0.55445 AU
morning rise	-11405 Mar 07 j 01:41	10°♄26'27		desc. node	-11404 Feb 11 j 11:20	22°♄27'59	
direct	-11405 Mar 09 j 06:26	10°♄14'13		morning rise	-11404 Feb 15 j 10:12	21°♄13'12	
morning max el	-11405 Mar 19 j 17:17	15°♄10'51	20°08'05	direct	-11404 Feb 17 j 22:56	20°♄58'41	
	-11405 Mar 30 j 11:27	0°♄		morning max el	-11404 Mar 01 j 00:58	26°♄46'32	21°27'14
asc. node	-11405 Apr 05 j 21:31	12°♄11'39			-11404 Mar 04 j 01:58	0°♄	
morning set	-11405 Apr 06 j 19:56	14°♄04'30		morning set	-11404 Mar 21 j 04:10	28°♄50'26	
					-11404 Mar 21 j 17:38	0°♄	
superior conj	-11405 Apr 14 j 17:57	0°♄09'41	1°14'31	asc. node	-11404 Mar 22 j 18:33	2°♄09'25	
minimum elong	-11405 Apr 14 j 15:03	29°♄55'10	1°13'34				
	-11405 Apr 14 j 16:01	0°♄		superior conj	-11404 Mar 28 j 15:19	14°♄24'43	0°52'57
max. Earth dist.	-11405 Apr 19 j 19:32	10°♄06'09	1.36511 AU	minimum elong	-11404 Mar 28 j 13:06	14°♄13'14	0°51'58
evening rise	-11405 Apr 23 j 23:16	17°♄53'15		max. Earth dist.	-11404 Apr 01 j 08:31	22°♄00'17	1.35079 AU
	-11405 Apr 30 j 20:27	0°♄			-11404 Apr 05 j 10:06	0°♄	
	-11405 May 20 j 21:37	0°♄		evening rise	-11404 Apr 06 j 00:36	1°♄09'25	
desc. node	-11405 May 23 j 12:54	3°♄18'11			-11404 Apr 22 j 20:52	0°♄	
evening max el	-11405 May 29 j 19:02	10°♄15'36	25°54'00	desc. node	-11404 May 09 j 10:17	21°♄44'04	

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

evening max el	-11404 May 11 j 05:37	23° H 34'46	26°50'23	desc. node	-11403 Apr 26 j 07:37	9° H 05'31	
	-11404 May 19 j 20:44	0° Y		retrograde	-11403 May 07 j 06:55	14° H 15'26	
retrograde	-11404 May 24 j 08:18	1° Y 03'08		evening set	-11403 May 14 j 05:31	11° H 34'40	
	-11404 May 28 j 11:53	30° R H		min. Earth dist.	-11403 May 17 j 21:57	8° H 08'15	0.63990 AU
evening set	-11404 May 31 j 01:04	28° H 15'37		inferior conj	-11403 May 20 j 08:17	5° H 29'32	-3°27'03
min. Earth dist.	-11404 Jun 03 j 22:17	24° H 15'03	0.65381 AU	minimum elong	-11403 May 20 j 09:26	5° H 26'25	3°27'17
inferior conj	-11404 Jun 05 j 18:00	22° H 04'28	-3°10'12	morning rise	-11403 May 26 j 14:05	0° H 05'47	
minimum elong	-11404 Jun 05 j 20:05	21° H 58'16	3°10'00		-11403 May 26 j 19:01	30° R \approx	
morning rise	-11404 Jun 11 j 15:23	16° H 24'12		direct	-11403 May 29 j 10:34	29° \approx 23'38	
direct	-11404 Jun 14 j 17:28	15° H 30'57			-11403 Jun 01 j 02:11	0° H	
asc. node	-11404 Jun 18 j 19:00	16° H 57'59		morning max el	-11403 Jun 04 j 22:19	2° H 50'10	18°10'29
morning max el	-11404 Jun 21 j 09:25	19° H 11'58	18°37'18	asc. node	-11403 Jun 05 j 15:49	3° H 35'43	
	-11404 Jun 29 j 12:41	0° Y		morning set	-11403 Jun 22 j 22:30	0° Y 25'02	
morning set	-11404 Jul 11 j 16:10	19° Y 32'29			-11403 Jun 22 j 16:37	0° Y	
	-11404 Jul 18 j 03:02	0° B		superior conj	-11403 Jul 06 j 05:44	22° Y 37'13	1°28'12
superior conj	-11404 Jul 26 j 19:53	13° B 53'42	0°54'10	minimum elong	-11403 Jul 06 j 11:43	23° Y 01'34	1°27'57
minimum elong	-11404 Jul 27 j 01:48	14° B 17'11	0°53'55		-11403 Jul 10 j 19:34	0° B	
max. Earth dist.	-11404 Jul 28 j 07:29	16° B 14'45	1.44557 AU	max. Earth dist.	-11403 Jul 10 j 22:32	0° B 11'54	1.43985 AU
desc. node	-11404 Aug 05 j 07:10	28° B 51'49		evening rise	-11403 Jul 22 j 16:00	18° B 39'12	
	-11404 Aug 06 j 00:26	0° II		desc. node	-11403 Jul 23 j 04:31	19° B 27'47	
evening rise	-11404 Aug 12 j 06:35	9° II 53'31			-11403 Jul 30 j 00:37	0° II	
	-11404 Aug 25 j 02:44	0° E		evening max el	-11403 Aug 18 j 01:48	26° II 26'07	20°06'18
evening max el	-11404 Sep 03 j 20:09	12° E 57'57	19°11'50		-11403 Aug 22 j 12:54	0° E	
retrograde	-11404 Sep 10 j 20:33	16° E 57'55		retrograde	-11403 Aug 25 j 17:12	0° E 52'30	
evening set	-11404 Sep 14 j 01:26	15° E 58'42			-11403 Aug 28 j 17:32	30° R II	
asc. node	-11404 Sep 14 j 19:21	15° E 28'12		evening set	-11403 Aug 29 j 07:59	29° II 36'48	
inferior conj	-11404 Sep 19 j 19:12	10° E 07'41	1°33'03	asc. node	-11403 Sep 01 j 16:24	26° II 20'22	
minimum elong	-11404 Sep 19 j 17:05	10° E 14'21	1°32'52	inferior conj	-11403 Sep 03 j 19:45	23° II 35'39	0°40'44
min. Earth dist.	-11404 Sep 21 j 04:24	8° E 23'22	0.65632 AU	minimum elong	-11403 Sep 03 j 18:49	23° II 38'45	0°40'59
morning rise	-11404 Sep 25 j 08:19	3° E 52'32		min. Earth dist.	-11403 Sep 04 j 17:31	22° II 23'26	0.66460 AU
direct	-11404 Oct 01 j 14:00	1° E 14'21		morning rise	-11403 Sep 09 j 05:23	17° II 15'52	
morning max el	-11404 Oct 14 j 05:42	8° E 36'11	26°17'06	direct	-11403 Sep 14 j 21:08	14° II 51'01	
	-11404 Oct 31 j 04:16	0° O		morning max el	-11403 Sep 26 j 15:24	21° II 50'16	25°05'35
desc. node	-11404 Nov 01 j 06:32	1° O 37'17			-11403 Oct 03 j 19:14	0° E	
	-11404 Nov 18 j 07:35	0° M		desc. node	-11403 Oct 19 j 03:20	21° E 35'31	
morning set	-11404 Nov 19 j 04:38	1° M 37'37			-11403 Oct 24 j 10:35	0° O	
max. Earth dist.	-11404 Nov 23 j 08:47	9° M 35'51	1.35564 AU	morning set	-11403 Nov 01 j 14:40	13° O 54'10	
				max. Earth dist.	-11403 Nov 05 j 11:35	20° O 55'26	1.37266 AU
superior conj	-11404 Nov 28 j 03:12	19° M 08'10	-1°34'53		-11403 Nov 10 j 06:31	0° M	
minimum elong	-11404 Nov 28 j 04:33	19° M 15'05	1°34'38	superior conj	-11403 Nov 11 j 17:32	2° M 50'47	-1°39'23
	-11404 Dec 03 j 09:22	0° A		minimum elong	-11403 Nov 11 j 17:36	2° M 51'11	1°39'04
evening rise	-11404 Dec 05 j 18:47	4° A 56'40		evening rise	-11403 Nov 19 j 22:31	19° M 16'21	
asc. node	-11404 Dec 11 j 17:32	16° A 40'12			-11403 Nov 25 j 10:52	0° A	
	-11404 Dec 20 j 01:07	0° M		asc. node	-11403 Nov 28 j 14:50	5° A 36'37	
evening max el	-11404 Dec 24 j 16:07	5° M 12'40	20°36'09	evening max el	-11403 Dec 07 j 05:34	17° A 07'37	19°29'06
retrograde	-11403 Jan 04 j 11:52	10° M 17'25		retrograde	-11403 Dec 16 j 12:08	21° A 30'37	
evening set	-11403 Jan 07 j 03:53	10° M 00'11		evening set	-11403 Dec 19 j 00:58	21° A 12'28	
inferior conj	-11403 Jan 15 j 22:36	6° M 01'01	2°57'33	inferior conj	-11403 Dec 27 j 07:37	17° A 03'45	3°56'49
minimum elong	-11403 Jan 16 j 04:22	5° M 52'29	2°55'50	minimum elong	-11403 Dec 27 j 11:29	16° A 57'25	3°56'10
min. Earth dist.	-11403 Jan 17 j 10:08	5° M 08'37	0.55749 AU	min. Earth dist.	-11403 Dec 29 j 23:48	15° A 18'52	0.56842 AU
morning rise	-11403 Jan 25 j 03:22	1° M 38'37		morning rise	-11402 Jan 04 j 19:48	12° A 17'14	
desc. node	-11403 Jan 28 j 08:08	1° M 12'22		direct	-11402 Jan 09 j 15:16	11° A 24'30	
direct	-11403 Jan 28 j 14:29	1° M 12'13		desc. node	-11402 Jan 15 j 04:53	12° A 35'50	
morning max el	-11403 Feb 10 j 22:10	7° M 45'32	23°00'09	morning max el	-11402 Jan 23 j 13:15	18° A 26'20	24°36'51
	-11403 Feb 26 j 15:40	0° J			-11402 Feb 02 j 02:48	0° M	
morning set	-11403 Mar 05 j 15:27	13° J 48'54		morning set	-11402 Feb 18 j 03:56	28° M 53'35	
asc. node	-11403 Mar 09 j 15:37	22° J 18'16			-11402 Feb 18 j 16:34	0° J	
				asc. node	-11402 Feb 24 j 12:43	12° J 33'51	
superior conj	-11403 Mar 12 j 19:28	29° J 03'01	0°29'45	superior conj	-11402 Feb 25 j 04:05	13° J 56'56	0°06'09
minimum elong	-11403 Mar 12 j 18:13	28° J 56'19	0°28'54	minimum elong	-11402 Feb 25 j 03:50	13° J 55'39	0°05'30
	-11403 Mar 13 j 06:13	0° Z		behind sun begin	-11402 Feb 24 j 23:02	13° J 29'39	
max. Earth dist.	-11403 Mar 15 j 07:29	4° Z 19'26	1.33998 AU	behind sun end	-11402 Feb 25 j 08:39	14° J 21'38	
evening rise	-11403 Mar 20 j 14:43	15° Z 06'44			-11402 Feb 26 j 14:46	17° J 03'57	1.33267 AU
	-11403 Mar 28 j 13:53	0° \approx		max. Earth dist.	-11402 Mar 04 j 13:50	29° J 33'10	
	-11403 Apr 17 j 14:17	0° H		evening rise			
evening max el	-11403 Apr 23 j 16:11	6° H 40'55	27°22'17				

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

	-11402 Mar 04 j 19:09	0°♄		minimum elong	-11401 Feb 09 j 15:52	29°♍02'45	0°17'26
	-11402 Mar 21 j 17:09	0°♍		max. Earth dist.	-11401 Feb 10 j 03:05	0°♌03'58	1.32869 AU
evening max el	-11402 Apr 06 j 00:54	19°♍23'21	27°23'51		-11401 Feb 10 j 02:21	0°♌	
desc. node	-11402 Apr 13 j 04:51	24°♍56'51		asc. node	-11401 Feb 11 j 09:52	2°♌51'30	
retrograde	-11402 Apr 19 j 23:07	26°♍56'11		evening rise	-11401 Feb 16 j 19:01	14°♌18'02	
evening set	-11402 Apr 26 j 19:59	24°♍35'39			-11401 Feb 24 j 21:02	0°♄	
min. Earth dist.	-11402 Apr 30 j 12:41	21°♍33'57	0.62253 AU		-11401 Mar 17 j 16:52	0°♍	
inferior conj	-11402 May 03 j 12:10	18°♍40'37	-3°29'40	evening max el	-11401 Mar 19 j 05:17	1°♍30'51	26°52'28
minimum elong	-11402 May 03 j 11:45	18°♍41'40	3°30'06	desc. node	-11401 Mar 31 j 02:02	8°♍44'22	
morning rise	-11402 May 10 j 04:57	13°♍35'18		retrograde	-11401 Apr 02 j 07:22	8°♍57'08	
direct	-11402 May 12 j 20:55	13°♍02'34		evening set	-11401 Apr 08 j 17:08	7°♍07'37	
morning max el	-11402 May 19 j 12:14	16°♍25'08	18°01'52	min. Earth dist.	-11401 Apr 12 j 18:29	4°♍17'22	0.60298 AU
asc. node	-11402 May 23 j 12:37	21°♍14'21		inferior conj	-11401 Apr 16 j 02:06	1°♍28'48	-3°12'42
	-11402 May 29 j 02:40	0°♋		minimum elong	-11401 Apr 15 j 23:45	1°♍33'49	3°12'58
morning set	-11402 Jun 05 j 03:48	12°♋23'49			-11401 Apr 17 j 20:48	30°♋	
	-11402 Jun 15 j 04:16	0°♎		morning rise	-11401 Apr 23 j 08:42	26°♋43'23	
				direct	-11401 Apr 25 j 20:38	26°♋18'46	
superior conj	-11402 Jun 16 j 16:22	2°♎33'58	1°46'02	morning max el	-11401 May 03 j 00:31	29°♋49'16	18°12'06
minimum elong	-11402 Jun 16 j 18:56	2°♎44'53	1°45'57		-11401 May 03 j 04:56	0°♍	
max. Earth dist.	-11402 Jun 23 j 09:37	13°♎45'33	1.42801 AU	asc. node	-11401 May 10 j 09:26	9°♍39'33	
evening rise	-11402 Jul 01 j 16:24	27°♎00'24		morning set	-11401 May 19 j 03:11	25°♍16'49	
	-11402 Jul 03 j 14:25	0°♊			-11401 May 21 j 15:58	0°♋	
desc. node	-11402 Jul 10 j 01:54	9°♊55'57					
	-11402 Jul 23 j 22:17	0°♊		superior conj	-11401 May 29 j 05:36	13°♋50'07	1°49'02
evening max el	-11402 Aug 01 j 00:52	9°♊51'11	21°14'16	minimum elong	-11401 May 29 j 04:52	13°♋46'47	1°48'48
retrograde	-11402 Aug 09 j 13:28	14°♊52'16		max. Earth dist.	-11401 Jun 05 j 15:22	26°♋42'23	1.41160 AU
evening set	-11402 Aug 13 j 16:21	13°♊17'03			-11401 Jun 07 j 14:30	0°♎	
inferior conj	-11402 Aug 18 j 24:00	7°♊08'37	-0°10'37	evening rise	-11401 Jun 11 j 06:20	6°♎00'52	
minimum elong	-11402 Aug 19 j 00:13	7°♊07'53	0°09'57	desc. node	-11401 Jun 26 j 23:21	0°♊11'43	
transit middle	-11402 Aug 19 j 00:13	7°♊07'53	0°09'57		-11401 Jun 26 j 20:08	0°♊	
transit begin	-11402 Aug 18 j 22:03	7°♊15'16		evening max el	-11401 Jul 14 j 17:12	23°♊12'39	22°32'13
transit end	-11402 Aug 19 j 02:22	7°♊00'29		retrograde	-11401 Jul 24 j 07:55	28°♊54'42	
min. Earth dist.	-11402 Aug 19 j 11:04	6°♊30'44	0.66996 AU	evening set	-11401 Jul 29 j 00:35	26°♊58'10	
asc. node	-11402 Aug 19 j 13:23	6°♊22'48		inferior conj	-11401 Aug 03 j 06:05	20°♊44'57	-0°59'19
morning rise	-11402 Aug 24 j 07:55	0°♊48'07		minimum elong	-11401 Aug 03 j 07:17	20°♊40'47	0°58'23
	-11402 Aug 25 j 09:05	30°♋		min. Earth dist.	-11401 Aug 03 j 06:36	20°♊43'09	0.67232 AU
direct	-11402 Aug 29 j 09:21	28°♋40'41		asc. node	-11401 Aug 06 j 10:18	16°♋35'57	
	-11402 Sep 02 j 19:28	0°♊		morning rise	-11401 Aug 08 j 13:54	14°♋27'29	
morning max el	-11402 Sep 09 j 01:18	5°♊04'56	23°43'36	direct	-11401 Aug 13 j 01:49	12°♋38'47	
	-11402 Sep 28 j 05:28	0°♉		morning max el	-11401 Aug 22 j 13:59	18°♋21'28	22°19'52
desc. node	-11402 Oct 06 j 00:11	11°♉51'42			-11401 Sep 01 j 03:01	0°♊	
morning set	-11402 Oct 14 j 01:39	24°♉59'57			-11401 Sep 21 j 09:44	0°♉	
	-11402 Oct 16 j 23:51	0°♏		desc. node	-11401 Sep 22 j 21:08	2°♉20'26	
max. Earth dist.	-11402 Oct 18 j 10:01	2°♏28'55	1.39221 AU	morning set	-11401 Sep 24 j 10:12	4°♉48'54	
				max. Earth dist.	-11401 Sep 30 j 11:11	14°♉44'42	1.41177 AU
superior conj	-11402 Oct 25 j 18:35	15°♏49'36	-1°35'50				
minimum elong	-11402 Oct 25 j 16:49	15°♏41'22	1°35'18	superior conj	-11401 Oct 08 j 01:12	27°♉50'40	-1°21'54
	-11402 Nov 02 j 04:06	0°♏		minimum elong	-11401 Oct 07 j 21:31	27°♉34'21	1°21'01
evening rise	-11402 Nov 03 j 19:29	3°♏11'20			-11401 Oct 09 j 06:12	0°♏	
asc. node	-11402 Nov 15 j 12:09	23°♏53'50		evening rise	-11401 Oct 18 j 06:43	16°♏34'37	
evening max el	-11402 Nov 20 j 04:49	29°♏35'08	18°41'43		-11401 Oct 25 j 15:50	0°♏	
	-11402 Nov 20 j 15:24	0°♎		asc. node	-11401 Nov 02 j 09:27	11°♏19'43	
retrograde	-11402 Nov 28 j 05:26	3°♎29'06		evening max el	-11401 Nov 03 j 11:44	12°♏28'51	18°14'37
evening set	-11402 Nov 30 j 17:16	3°♎07'57		retrograde	-11401 Nov 10 j 16:23	16°♏06'43	
	-11402 Dec 06 j 15:34	30°♏		evening set	-11401 Nov 13 j 04:19	15°♏41'20	
inferior conj	-11402 Dec 08 j 10:48	28°♏40'10	4°16'51	inferior conj	-11401 Nov 20 j 09:12	10°♏51'44	4°06'01
minimum elong	-11402 Dec 08 j 10:57	28°♏39'52	4°16'54	minimum elong	-11401 Nov 20 j 06:35	10°♏57'26	4°06'00
min. Earth dist.	-11402 Dec 11 j 15:15	26°♏16'41	0.58469 AU	min. Earth dist.	-11401 Nov 23 j 12:14	8°♏09'06	0.60313 AU
morning rise	-11402 Dec 16 j 02:46	23°♏30'49		morning rise	-11401 Nov 27 j 07:25	5°♏22'23	
direct	-11402 Dec 22 j 03:42	22°♏01'25		direct	-11401 Dec 04 j 02:36	3°♏17'09	
desc. node	-11401 Jan 02 j 01:34	26°♏32'30		morning max el	-11401 Dec 18 j 02:34	10°♏40'52	27°04'34
morning max el	-11401 Jan 05 j 05:01	29°♏16'56	26°02'59	desc. node	-11401 Dec 19 j 22:14	12°♏30'29	
	-11401 Jan 05 j 22:39	0°♎			-11400 Jan 02 j 05:19	0°♎	
	-11401 Jan 26 j 15:12	0°♍		morning set	-11400 Jan 18 j 01:19	28°♎53'16	
morning set	-11401 Feb 02 j 15:49	13°♍57'16			-11400 Jan 18 j 14:08	0°♍	
				max. Earth dist.	-11400 Jan 24 j 16:41	13°♍06'25	1.32794 AU
superior conj	-11401 Feb 09 j 15:09	28°♍58'51	-0°17'02				

Attention, astronomical year style is used: The year -11900 in astronomical counting style is the year 11901 BCE in historical counting style.

superior conj	-11400 Jan 25 j 03:01	14° \mathbb{M} 02'49	-0°38'57	minimum elong	-11399 Jan 08 j 16:00	29° \mathbb{A} 12'54	0°58'53
minimum elong	-11400 Jan 25 j 04:31	14° \mathbb{M} 10'57	0°39'06		-11399 Jan 09 j 00:41	0° \mathbb{M}	
asc. node	-11400 Jan 29 j 07:06	23° \mathbb{M} 07'11		asc. node	-11399 Jan 15 j 04:25	13° \mathbb{M} 16'06	
evening rise	-11400 Feb 01 j 04:02	29° \mathbb{M} 13'23		evening rise	-11399 Jan 15 j 14:59	14° \mathbb{M} 11'46	
	-11400 Feb 01 j 12:59	0° \mathbb{A}			-11399 Jan 23 j 15:57	0° \mathbb{A}	
	-11400 Feb 18 j 09:57	0° \mathbb{B}		evening max el	-11399 Feb 09 j 21:54	24° \mathbb{A} 00'25	24°26'35
evening max el	-11400 Feb 29 j 03:52	13° \mathbb{B} 00'07	25°50'34		-11399 Feb 18 j 20:48	0° \mathbb{B}	
retrograde	-11400 Mar 14 j 06:08	20° \mathbb{B} 15'05		retrograde	-11399 Feb 23 j 17:40	0° \mathbb{B} 54'13	
desc. node	-11400 Mar 16 j 23:08	19° \mathbb{B} 57'06		evening set	-11399 Feb 28 j 04:18	0° \mathbb{B} 09'42	
evening set	-11400 Mar 19 j 19:14	19° \mathbb{B} 00'33			-11399 Feb 28 j 15:37	30° \mathbb{R} \mathbb{A}	
min. Earth dist.	-11400 Mar 24 j 17:04	16° \mathbb{B} 07'11	0.58345 AU	desc. node	-11399 Mar 03 j 20:07	28° \mathbb{A} 33'14	
inferior conj	-11400 Mar 27 j 22:31	13° \mathbb{B} 45'25	-2°29'47	min. Earth dist.	-11399 Mar 06 j 11:16	27° \mathbb{A} 00'30	0.56693 AU
minimum elong	-11400 Mar 27 j 18:51	13° \mathbb{B} 52'11	2°29'37	inferior conj	-11399 Mar 08 j 23:14	25° \mathbb{A} 24'31	-1°16'30
morning rise	-11400 Apr 04 j 21:36	9° \mathbb{B} 19'58		minimum elong	-11399 Mar 08 j 20:26	25° \mathbb{A} 29'01	1°16'19
direct	-11400 Apr 07 j 05:24	9° \mathbb{B} 02'07		morning rise	-11399 Mar 17 j 15:42	21° \mathbb{A} 15'12	
morning max el	-11400 Apr 15 j 08:21	12° \mathbb{B} 54'31	18°41'40	direct	-11399 Mar 19 j 20:07	21° \mathbb{A} 02'02	
asc. node	-11400 Apr 26 j 06:17	28° \mathbb{B} 40'38		morning max el	-11399 Mar 29 j 08:47	25° \mathbb{A} 31'47	19°30'59
	-11400 Apr 26 j 23:41	0° \mathbb{B}			-11399 Apr 02 j 07:50	0° \mathbb{B}	
morning set	-11400 May 01 j 16:05	8° \mathbb{B} 53'00		asc. node	-11399 Apr 13 j 03:13	18° \mathbb{B} 09'22	
				morning set	-11399 Apr 15 j 14:50	23° \mathbb{B} 03'14	
superior conj	-11400 May 10 j 17:00	26° \mathbb{B} 14'23	1°40'58		-11399 Apr 19 j 02:00	0° \mathbb{B}	
minimum elong	-11400 May 10 j 14:26	26° \mathbb{B} 02'22	1°40'25				
	-11400 May 12 j 17:30	0° \mathbb{H}		superior conj	-11399 Apr 23 j 21:06	9° \mathbb{B} 32'09	1°25'34
max. Earth dist.	-11400 May 17 j 16:18	8° \mathbb{H} 56'21	1.39295 AU	minimum elong	-11399 Apr 23 j 18:04	9° \mathbb{B} 17'15	1°24'44
evening rise	-11400 May 21 j 22:34	16° \mathbb{H} 19'14		max. Earth dist.	-11399 Apr 29 j 17:05	20° \mathbb{B} 41'11	1.37460 AU
	-11400 May 30 j 07:04	0° \mathbb{Y}		evening rise	-11399 May 03 j 17:18	27° \mathbb{B} 59'07	
desc. node	-11400 Jun 12 j 20:49	20° \mathbb{Y} 09'05			-11399 May 04 j 20:36	0° \mathbb{H}	
	-11400 Jun 20 j 09:05	0° \mathbb{B}			-11399 May 23 j 15:58	0° \mathbb{Y}	
evening max el	-11400 Jun 26 j 04:33	6° \mathbb{B} 32'06	23°54'31	desc. node	-11399 May 30 j 18:17	9° \mathbb{Y} 40'27	
retrograde	-11400 Jul 06 j 23:23	12° \mathbb{B} 55'52		evening max el	-11399 Jun 08 j 14:08	19° \mathbb{Y} 53'30	25°13'33
evening set	-11400 Jul 12 j 06:45	10° \mathbb{B} 38'28		retrograde	-11399 Jun 20 j 11:03	26° \mathbb{Y} 51'49	
min. Earth dist.	-11400 Jul 17 j 01:49	4° \mathbb{B} 58'26	0.67160 AU	evening set	-11399 Jun 26 j 08:53	24° \mathbb{Y} 17'02	
inferior conj	-11400 Jul 17 j 12:14	4° \mathbb{B} 22'51	-1°44'00	min. Earth dist.	-11399 Jun 30 j 18:25	19° \mathbb{Y} 14'52	0.66758 AU
minimum elong	-11400 Jul 17 j 14:10	4° \mathbb{B} 16'12	1°43'01	inferior conj	-11399 Jul 01 j 16:41	18° \mathbb{Y} 01'17	-2°23'15
	-11400 Jul 20 j 23:05	30° \mathbb{R} \mathbb{Y}		minimum elong	-11399 Jul 01 j 19:02	17° \mathbb{Y} 53'30	2°22'27
morning rise	-11400 Jul 22 j 21:34	28° \mathbb{Y} 11'43		morning rise	-11399 Jul 07 j 05:12	11° \mathbb{Y} 59'41	
asc. node	-11400 Jul 23 j 07:11	27° \mathbb{Y} 54'19		asc. node	-11399 Jul 10 j 04:00	10° \mathbb{Y} 47'26	
direct	-11400 Jul 26 j 21:30	26° \mathbb{Y} 41'03		direct	-11399 Jul 10 j 19:09	10° \mathbb{Y} 45'10	
	-11400 Aug 02 j 13:31	0° \mathbb{B}		morning max el	-11399 Jul 18 j 08:13	15° \mathbb{Y} 09'04	19°53'51
morning max el	-11400 Aug 04 j 07:53	1° \mathbb{B} 42'03	21°01'28		-11399 Jul 29 j 13:50	0° \mathbb{B}	
	-11400 Aug 25 j 00:06	0° \mathbb{H}		morning set	-11399 Aug 12 j 23:07	22° \mathbb{B} 03'54	
morning set	-11400 Sep 02 j 20:11	13° \mathbb{H} 35'09			-11399 Aug 18 j 00:54	0° \mathbb{H}	
desc. node	-11400 Sep 08 j 18:12	22° \mathbb{H} 56'47		max. Earth dist.	-11399 Aug 25 j 06:25	11° \mathbb{H} 25'45	1.44038 AU
max. Earth dist.	-11400 Sep 11 j 18:03	27° \mathbb{H} 46'44	1.42857 AU	desc. node	-11399 Aug 26 j 15:23	13° \mathbb{H} 37'26	
	-11400 Sep 13 j 02:43	0° \mathbb{B}					
superior conj	-11400 Sep 18 j 07:29	8° \mathbb{B} 38'07	-0°55'30	superior conj	-11399 Aug 29 j 10:06	18° \mathbb{H} 05'35	-0°16'41
minimum elong	-11400 Sep 18 j 03:09	8° \mathbb{B} 19'52	0°54'22	minimum elong	-11399 Aug 29 j 08:19	17° \mathbb{H} 58'24	0°15'51
evening rise	-11400 Sep 30 j 04:09	29° \mathbb{B} 15'42		behind sun begin	-11399 Aug 29 j 05:41	17° \mathbb{H} 47'44	
	-11400 Sep 30 j 14:07	0° \mathbb{B}		behind sun end	-11399 Aug 29 j 10:58	18° \mathbb{H} 09'04	
evening max el	-11400 Oct 16 j 23:28	25° \mathbb{B} 40'25	18°07'13		-11399 Sep 05 j 16:43	0° \mathbb{B}	
asc. node	-11400 Oct 19 j 06:44	27° \mathbb{B} 38'37		evening rise	-11399 Sep 12 j 06:42	11° \mathbb{B} 02'29	
retrograde	-11400 Oct 23 j 17:13	29° \mathbb{B} 12'54			-11399 Sep 23 j 17:02	0° \mathbb{B}	
evening set	-11400 Oct 26 j 07:01	28° \mathbb{B} 41'33		evening max el	-11399 Sep 30 j 13:07	9° \mathbb{B} 03'44	18°18'34
inferior conj	-11400 Nov 02 j 00:14	23° \mathbb{B} 31'22	3°35'00	asc. node	-11399 Oct 06 j 03:56	12° \mathbb{B} 34'34	
minimum elong	-11400 Nov 01 j 20:31	23° \mathbb{B} 40'37	3°34'38	retrograde	-11399 Oct 07 j 03:46	12° \mathbb{B} 39'49	
min. Earth dist.	-11400 Nov 04 j 18:00	20° \mathbb{B} 48'59	0.62117 AU	evening set	-11399 Oct 09 j 21:39	12° \mathbb{B} 00'03	
morning rise	-11400 Nov 08 j 08:55	17° \mathbb{B} 45'01		inferior conj	-11399 Oct 16 j 04:32	6° \mathbb{B} 31'47	2°52'04
direct	-11400 Nov 15 j 10:28	15° \mathbb{B} 13'45		minimum elong	-11399 Oct 16 j 00:56	6° \mathbb{B} 41'43	2°51'33
morning max el	-11400 Nov 29 j 06:29	22° \mathbb{B} 44'10	27°33'06	min. Earth dist.	-11399 Oct 18 j 09:47	4° \mathbb{B} 04'58	0.63717 AU
desc. node	-11400 Dec 05 j 18:53	29° \mathbb{B} 56'27		morning rise	-11399 Oct 22 j 03:26	0° \mathbb{B} 31'41	
	-11400 Dec 05 j 20:02	0° \mathbb{H}			-11399 Oct 22 j 20:21	30° \mathbb{R} \mathbb{B}	
	-11400 Dec 25 j 06:26	0° \mathbb{B}		direct	-11399 Oct 29 j 02:00	27° \mathbb{B} 48'04	
morning set	-11399 Jan 01 j 06:17	13° \mathbb{B} 33'17			-11399 Nov 04 j 22:22	0° \mathbb{B}	
max. Earth dist.	-11399 Jan 07 j 03:41	25° \mathbb{B} 56'36	1.33055 AU	morning max el	-11399 Nov 11 j 14:43	5° \mathbb{B} 21'19	27°26'57
				desc. node	-11399 Nov 22 j 15:34	18° \mathbb{B} 25'23	
					-11399 Nov 30 j 12:38	0° \mathbb{H}	
superior conj	-11399 Jan 08 j 14:00	29° \mathbb{B} 02'06	-0°58'55	morning set	-11399 Dec 16 j 04:09	27° \mathbb{H} 48'23	

	-11399 Dec 17 j 06:32	0° <u>Ω</u>	
max. Earth dist.	-11399 Dec 21 j 08:19	8° <u>Ω</u> 22'19	1.33696 AU
superior conj	-11399 Dec 23 j 22:18	13° <u>Ω</u> 50'21	-1°16'05
minimum elong	-11399 Dec 24 j 00:26	14° <u>Ω</u> 01'43	1°15'55
evening rise	-11399 Dec 31 j 02:11	29° <u>Ω</u> 07'07	
	-11399 Dec 31 j 12:18	0° <u>ℳ</u>	
asc. node	-11398 Jan 02 j 01:45	3° <u>ℳ</u> 13'14	