

Planetary Phenomena of Mars from -10900 through -10398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 1

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

conjunction	-10900 Oct 05 j 05:11	28°☿50'16	0°07'50			-10895 May 17 j 21:05	0°♊	
minimum elong	-10900 Oct 05 j 05:57	28°☿51'46	0°08'23			-10895 Jul 05 j 03:57	0°♋	
behind sun begin	-10900 Oct 04 j 06:19	28°☿05'52		asc. node		-10895 Jul 15 j 16:19	6°♋25'54	
behind sun end	-10900 Oct 06 j 05:35	29°☿37'38				-10895 Aug 24 j 06:10	0°♌	
	-10900 Oct 06 j 17:07	0°♍				-10895 Oct 20 j 15:00	0°♎	
desc. node	-10900 Oct 15 j 10:18	6°♍44'48		retrograde		-10895 Dec 13 j 06:05	13°♎54'02	
	-10900 Nov 14 j 22:30	0°♏		opposition		-10894 Jan 14 j 14:32	7°♏56'53	6°46'52
max. Earth dist.	-10900 Nov 14 j 22:04	29°♏59'10	2.40895 AU	greatest brilliancy		-10894 Jan 16 j 07:25	7°♏25'01	-2.5m
morning rise	-10900 Dec 08 j 07:38	17°♏21'04		min. Earth dist.		-10894 Jan 21 j 23:17	5°♏40'10	0.43528 AU
	-10900 Dec 25 j 18:29	0°♐		direct		-10894 Feb 18 j 16:48	0°♏51'47	
	-10899 Feb 06 j 18:32	0°♑				-10894 May 06 j 10:17	0°♒	
	-10899 Mar 24 j 09:45	0°♑		desc. node		-10894 Jun 07 j 14:23	20°♒52'20	
	-10899 May 12 j 13:26	0°♒				-10894 Jun 20 j 21:14	0°♓	
	-10899 Jul 08 j 18:58	0°♓				-10894 Aug 02 j 08:38	0°♑	
retrograde	-10899 Sep 04 j 07:36	15°♓18'09				-10894 Sep 13 j 15:05	0°♒	
asc. node	-10899 Oct 10 j 20:40	7°♓05'35				-10894 Oct 26 j 19:15	0°♑	
opposition	-10899 Oct 12 j 20:38	6°♓18'31	0°04'58			-10894 Dec 10 j 08:07	0°♒	
greatest brilliancy	-10899 Oct 12 j 20:55	6°♓18'14	-1.5m	evening set		-10893 Jan 16 j 03:12	24°♒07'43	
min. Earth dist.	-10899 Oct 16 j 14:31	4°♓50'03	0.63938 AU			-10893 Jan 25 j 04:42	0°♑	
	-10899 Oct 30 j 02:59	30°♑						
direct	-10899 Nov 22 j 18:03	26°♑19'48		conjunction		-10893 Mar 06 j 03:24	25°♑40'47	-0°48'04
	-10899 Dec 18 j 02:22	0°♒		minimum elong		-10893 Mar 06 j 04:56	25°♑43'14	0°48'38
	-10898 Feb 22 j 00:52	0°♋		max. Earth dist.		-10893 Mar 08 j 08:23	27°♑05'34	2.66316 AU
	-10898 Apr 10 j 10:57	0°♌				-10893 Mar 12 j 21:25	0°♒	
	-10898 May 22 j 19:56	0°♍		morning rise		-10893 Apr 22 j 08:34	25°♒54'10	
	-10898 Jul 01 j 15:24	0°♎				-10893 Apr 28 j 17:43	0°♓	
	-10898 Aug 09 j 07:13	0°☿		asc. node		-10893 Jun 02 j 08:47	22°♓20'50	
desc. node	-10898 Sep 02 j 08:33	18°☿44'17				-10893 Jun 14 j 03:26	0°♋	
	-10898 Sep 16 j 21:45	0°♍				-10893 Jul 29 j 21:30	0°♌	
evening set	-10898 Oct 08 j 00:15	16°♍09'43				-10893 Sep 13 j 06:22	0°♍	
	-10898 Oct 26 j 08:59	0°♎				-10893 Oct 29 j 02:17	0°♎	
						-10893 Dec 17 j 01:14	0°☿	
conjunction	-10898 Dec 06 j 08:13	29°♎56'55	-0°59'50	retrograde		-10892 Feb 28 j 14:52	26°☿05'12	
minimum elong	-10898 Dec 06 j 05:42	29°♎52'25	0°59'45	min. Earth dist.		-10892 Mar 28 j 04:47	21°☿22'35	0.38705 AU
	-10898 Dec 06 j 09:57	0°♏		opposition		-10892 Mar 31 j 09:43	20°☿29'30	1°54'55
max. Earth dist.	-10897 Jan 11 j 17:21	25°♏24'30	2.53070 AU	greatest brilliancy		-10892 Mar 31 j 06:43	20°☿31'34	-2.9m
	-10897 Jan 18 j 10:40	0°♐		desc. node		-10892 Apr 24 j 19:51	15°☿34'12	
morning rise	-10897 Jan 31 j 13:52	8°♐52'31		direct		-10892 Apr 30 j 15:36	15°☿20'50	
	-10897 Mar 04 j 13:40	0°♑				-10892 Jun 22 j 16:03	0°♍	
	-10897 Apr 20 j 17:20	0°♒				-10892 Aug 15 j 16:37	0°♎	
	-10897 Jun 09 j 05:23	0°♓				-10892 Oct 02 j 16:38	0°♏	
	-10897 Aug 02 j 17:34	0°♋				-10892 Nov 18 j 19:46	0°♌	
asc. node	-10897 Aug 28 j 20:52	11°♋57'54				-10891 Jan 05 j 02:47	0°♑	
retrograde	-10897 Oct 16 j 21:54	23°♋36'54				-10891 Feb 21 j 11:16	0°♒	
opposition	-10897 Nov 22 j 02:09	15°♋47'47	3°41'59	evening set		-10891 Feb 24 j 05:17	1°♒44'53	
greatest brilliancy	-10897 Nov 22 j 22:15	15°♋29'11	-1.8m	max. Earth dist.		-10891 Apr 01 j 01:39	24°♒40'42	2.65056 AU
min. Earth dist.	-10897 Nov 29 j 04:51	13°♋10'07	0.55505 AU			-10891 Apr 09 j 07:25	0°♓	
direct	-10897 Dec 31 j 20:56	6°♋23'03						
	-10896 Mar 10 j 16:21	0°♌		conjunction		-10891 Apr 13 j 02:24	2°♓27'21	-0°03'37
	-10896 Apr 27 j 04:46	0°♍		minimum elong		-10891 Apr 13 j 02:32	2°♓27'35	0°04'10
	-10896 Jun 07 j 22:40	0°♎		behind sun begin		-10891 Apr 12 j 07:23	1°♓56'34	
	-10896 Jul 17 j 17:14	0°☿		behind sun end		-10891 Apr 13 j 21:41	2°♓58'38	
desc. node	-10896 Jul 20 j 10:51	2°☿04'52		asc. node		-10891 Apr 19 j 01:38	6°♓20'00	
	-10896 Aug 26 j 04:22	0°♍				-10891 May 25 j 00:17	0°♋	
	-10896 Oct 05 j 09:22	0°♎		morning rise		-10891 May 29 j 23:57	3°♋19'50	
	-10896 Nov 16 j 01:24	0°♏				-10891 Jul 08 j 05:29	0°♌	
evening set	-10896 Dec 01 j 21:52	11°♏05'20				-10891 Aug 19 j 23:33	0°♍	
	-10896 Dec 29 j 12:52	0°♐				-10891 Sep 30 j 14:11	0°♎	
						-10891 Nov 10 j 15:46	0°☿	
conjunction	-10895 Jan 23 j 15:28	16°♐46'53	-1°13'10			-10891 Dec 22 j 05:45	0°♍	
minimum elong	-10895 Jan 23 j 16:06	16°♐47'56	1°13'34			-10890 Feb 04 j 17:32	0°♎	
max. Earth dist.	-10895 Feb 10 j 23:11	28°♐49'11	2.62217 AU	desc. node		-10890 Mar 12 j 22:13	20°♎23'41	
	-10895 Feb 12 j 18:37	0°♑				-10890 Apr 06 j 10:09	0°♏	
morning rise	-10895 Mar 14 j 18:46	19°♑23'41		retrograde		-10890 Apr 29 j 13:26	3°♏32'15	
	-10895 Mar 31 j 09:07	0°♒				-10890 May 22 j 00:43	30°♏	

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min. Earth dist.	-10890 May 28 j 20:38	27° \mathbb{M} 46'28	0.48733 AU	conjunction	-10885 Sep 09 j 19:05	2° \mathfrak{G} 19'26	0°39'04
greatest brilliancy	-10890 Jun 04 j 12:00	25° \mathbb{M} 24'16	-2.2m	minimum elong	-10885 Sep 09 j 22:11	2° \mathfrak{G} 25'29	0°39'38
opposition	-10890 Jun 05 j 20:40	24° \mathbb{M} 55'00	-4°41'19	max. Earth dist.	-10885 Sep 11 j 21:26	3° \mathfrak{G} 58'11	2.38218 AU
direct	-10890 Jul 09 j 10:59	17° \mathbb{M} 53'01			-10885 Oct 15 j 04:49	0° Ω	
	-10890 Aug 27 j 10:53	0° $\underline{\mathfrak{L}}$		desc. node	-10885 Nov 02 j 06:18	13° Ω 56'25	
	-10890 Oct 25 j 06:29	0° \mathbb{M}		morning rise	-10885 Nov 13 j 20:48	22° Ω 47'33	
	-10890 Dec 15 j 10:05	0° \mathfrak{A}			-10885 Nov 23 j 09:44	0° \mathbb{M}	
	-10889 Feb 02 j 10:12	0° \mathfrak{Z}			-10884 Jan 03 j 05:30	0° $\underline{\mathfrak{L}}$	
asc. node	-10889 Mar 06 j 22:59	20° \mathfrak{Z} 27'49			-10884 Feb 15 j 08:11	0° \mathbb{M}	
	-10889 Mar 21 j 20:25	0° \approx			-10884 Apr 01 j 10:57	0° \mathfrak{A}	
evening set	-10889 Apr 04 j 22:23	9° \approx 07'41			-10884 May 22 j 09:19	0° \mathfrak{Z}	
max. Earth dist.	-10889 Apr 27 j 22:27	24° \approx 17'49	2.58599 AU		-10884 Aug 02 j 15:11	0° \approx	
	-10889 May 06 j 10:52	0° \mathfrak{H}		retrograde	-10884 Aug 20 j 19:59	1° \approx 56'19	
					-10884 Sep 07 j 00:09	30° \mathfrak{R} \mathfrak{Z}	
conjunction	-10889 May 24 j 00:55	11° \mathfrak{H} 56'20	0°44'48	opposition	-10884 Sep 28 j 23:35	22° \mathfrak{Z} 37'40	-1°08'33
minimum elong	-10889 May 23 j 23:16	11° \mathfrak{H} 53'29	0°44'32	greatest brilliancy	-10884 Sep 29 j 02:17	22° \mathfrak{Z} 34'59	-1.4m
	-10889 Jun 19 j 00:50	0° \mathfrak{Y}		min. Earth dist.	-10884 Oct 01 j 07:13	21° \mathfrak{Z} 42'18	0.65680 AU
morning rise	-10889 Jul 12 j 17:54	16° \mathfrak{Y} 54'47		asc. node	-10884 Oct 27 j 11:42	13° \mathfrak{Z} 39'37	
	-10889 Jul 30 j 17:09	0° \mathfrak{B}		direct	-10884 Nov 08 j 18:26	12° \mathfrak{Z} 40'37	
	-10889 Sep 08 j 21:49	0° \mathbb{I}			-10883 Jan 09 j 03:53	0° \approx	
	-10889 Oct 18 j 06:14	0° \mathfrak{G}			-10883 Mar 04 j 09:59	0° \mathfrak{H}	
	-10889 Nov 26 j 14:17	0° Ω			-10883 Apr 19 j 03:13	0° \mathfrak{Y}	
	-10888 Jan 05 j 23:06	0° \mathbb{M}			-10883 May 30 j 22:37	0° \mathfrak{B}	
desc. node	-10888 Jan 28 j 18:18	16° \mathbb{M} 14'11			-10883 Jul 09 j 12:08	0° \mathbb{I}	
	-10888 Feb 17 j 23:09	0° $\underline{\mathfrak{L}}$			-10883 Aug 17 j 00:05	0° \mathfrak{G}	
	-10888 Apr 07 j 14:38	0° \mathbb{M}		evening set	-10883 Sep 12 j 21:35	21° \mathfrak{G} 01'08	
retrograde	-10888 Jun 11 j 00:06	20° \mathbb{M} 30'51		desc. node	-10883 Sep 19 j 02:01	25° \mathfrak{G} 49'40	
min. Earth dist.	-10888 Jul 15 j 10:02	12° \mathbb{M} 43'59	0.59918 AU		-10883 Sep 24 j 11:13	0° Ω	
opposition	-10888 Jul 20 j 15:04	10° \mathbb{M} 40'35	-5°21'52		-10883 Nov 02 j 18:58	0° \mathbb{M}	
greatest brilliancy	-10888 Jul 19 j 17:13	11° \mathbb{M} 02'11	-1.6m				
direct	-10888 Aug 26 j 19:28	2° \mathbb{M} 04'04		conjunction	-10883 Nov 13 j 16:43	8° \mathbb{M} 07'59	-0°39'25
	-10888 Nov 18 j 14:21	0° \mathfrak{A}		minimum elong	-10883 Nov 13 j 14:01	8° \mathbb{M} 02'57	0°39'07
	-10887 Jan 11 j 12:10	0° \mathfrak{Z}			-10883 Dec 13 j 16:34	0° $\underline{\mathfrak{L}}$	
asc. node	-10887 Jan 22 j 01:28	6° \mathfrak{Z} 16'08		max. Earth dist.	-10883 Dec 26 j 08:30	9° $\underline{\mathfrak{L}}$ 00'19	2.48378 AU
	-10887 Mar 01 j 14:41	0° \approx		morning rise	-10882 Jan 12 j 04:18	20° $\underline{\mathfrak{L}}$ 45'50	
	-10887 Apr 16 j 16:50	0° \mathfrak{H}			-10882 Jan 25 j 15:18	0° \mathbb{M}	
evening set	-10887 May 17 j 22:34	21° \mathfrak{H} 23'11			-10882 Mar 11 j 20:08	0° \mathfrak{A}	
	-10887 May 30 j 04:06	0° \mathfrak{Y}			-10882 Apr 28 j 11:38	0° \mathfrak{Z}	
max. Earth dist.	-10887 Jun 02 j 18:30	2° \mathfrak{Y} 33'41	2.47804 AU		-10882 Jun 18 j 15:40	0° \approx	
					-10882 Aug 20 j 12:19	0° \mathfrak{H}	
conjunction	-10887 Jul 10 j 09:43	0° \mathfrak{B} 00'19	1°12'59	asc. node	-10882 Sep 14 j 13:38	6° \mathfrak{H} 45'24	
minimum elong	-10887 Jul 10 j 09:21	29° \mathfrak{Y} 59'37	1°13'15	retrograde	-10882 Sep 29 j 01:59	8° \mathfrak{H} 00'01	
	-10887 Jul 10 j 09:33	0° \mathfrak{B}			-10882 Nov 04 j 10:17	30° \mathfrak{R} \approx	
	-10887 Aug 18 j 23:04	0° \mathbb{I}		opposition	-10882 Nov 05 j 08:39	29° \approx 38'42	2°13'42
morning rise	-10887 Sep 05 j 20:51	13° \mathbb{I} 50'57		greatest brilliancy	-10882 Nov 05 j 18:35	29° \approx 29'13	-1.7m
	-10887 Sep 26 j 14:46	0° \mathfrak{G}		min. Earth dist.	-10882 Nov 11 j 06:28	27° \approx 23'18	0.59460 AU
	-10887 Nov 04 j 05:14	0° Ω		direct	-10882 Dec 15 j 21:11	19° \approx 51'44	
	-10887 Dec 13 j 15:55	0° \mathbb{M}			-10881 Jan 28 j 06:56	0° \mathfrak{H}	
desc. node	-10887 Dec 15 j 12:00	1° \mathbb{M} 22'13			-10881 Mar 25 j 01:19	0° \mathfrak{Y}	
	-10886 Jan 23 j 21:38	0° $\underline{\mathfrak{L}}$			-10881 May 08 j 10:06	0° \mathfrak{B}	
	-10886 Mar 09 j 02:58	0° \mathbb{M}			-10881 Jun 18 j 01:49	0° \mathbb{I}	
	-10886 Apr 27 j 22:51	0° \mathfrak{A}			-10881 Jul 27 j 05:42	0° \mathfrak{G}	
retrograde	-10886 Jul 17 j 11:00	27° \mathfrak{A} 42'03		desc. node	-10881 Aug 07 j 02:49	8° \mathfrak{G} 23'26	
min. Earth dist.	-10886 Aug 24 j 23:51	18° \mathfrak{A} 26'15	0.65870 AU		-10881 Sep 04 j 05:50	0° Ω	
opposition	-10886 Aug 26 j 10:06	17° \mathfrak{A} 51'47	-3°45'49		-10881 Oct 14 j 01:35	0° \mathbb{M}	
greatest brilliancy	-10886 Aug 26 j 06:27	17° \mathfrak{A} 55'28	-1.4m	evening set	-10881 Nov 12 j 17:39	21° \mathfrak{M} 39'39	
direct	-10886 Oct 04 j 23:33	8° \mathfrak{A} 20'49			-10881 Nov 24 j 09:46	0° $\underline{\mathfrak{L}}$	
asc. node	-10886 Dec 10 j 06:28	27° \mathfrak{A} 29'09					
	-10886 Dec 15 j 12:22	0° \mathfrak{Z}		conjunction	-10880 Jan 06 j 18:51	0° \mathbb{M} 05'47	-1°13'51
	-10885 Feb 08 j 05:02	0° \approx		minimum elong	-10880 Jan 06 j 18:21	0° \mathbb{M} 04'55	1°14'07
	-10885 Mar 27 j 22:40	0° \mathfrak{H}			-10880 Jan 06 j 15:27	0° \mathbb{M}	
	-10885 May 10 j 20:52	0° \mathfrak{Y}		max. Earth dist.	-10880 Feb 01 j 00:29	17° \mathbb{M} 00'57	2.59210 AU
	-10885 Jun 21 j 01:52	0° \mathfrak{B}			-10880 Feb 20 j 18:22	0° \mathfrak{A}	
evening set	-10885 Jul 10 j 22:02	14° \mathfrak{B} 59'28		morning rise	-10880 Feb 27 j 20:59	4° \mathfrak{A} 37'32	
	-10885 Jul 30 j 10:24	0° \mathbb{I}			-10880 Apr 07 j 11:26	0° \mathfrak{Z}	
	-10885 Sep 06 j 20:00	0° \mathfrak{G}			-10880 May 25 j 12:04	0° \approx	
					-10880 Jul 14 j 06:01	0° \mathfrak{H}	

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asc. node	-10880 Aug 01 j 10:22	10° H 29'17		-10875 Dec 23 j 12:40	0° X	
	-10880 Sep 06 j 20:40	0° Y		-10874 Feb 09 j 16:59	0° Z	
retrograde	-10880 Nov 17 j 19:36	22° Y 12'40		evening set	-10874 Mar 20 j 06:12	24° Z 28'45
opposition	-10880 Dec 21 j 18:08	15° Y 27'11	5°54'12	asc. node	-10874 Mar 23 j 15:15	26° Z 39'01
greatest brilliancy	-10880 Dec 23 j 07:46	14° Y 55'09	-2.2m		-10874 Mar 28 j 19:55	0° \approx
min. Earth dist.	-10880 Dec 29 j 20:31	12° Y 42'18	0.48293 AU	max. Earth dist.	-10874 Apr 16 j 23:33	12° \approx 27'52 2.61717 AU
direct	-10879 Jan 28 j 06:56	7° Y 10'36				
	-10879 Apr 04 j 18:56	0° B		conjunction	-10874 May 07 j 14:08	26° \approx 05'46 0°26'43
	-10879 May 21 j 12:53	0° II		minimum elong	-10874 May 07 j 13:05	26° \approx 04'00 0°26'20
desc. node	-10879 Jun 24 j 07:43	24° II 07'10			-10874 May 13 j 10:08	0° H
	-10879 Jul 02 j 08:46	0° G		morning rise	-10874 Jun 24 j 17:30	28° H 58'07
	-10879 Aug 12 j 02:29	0° O			-10874 Jun 26 j 04:53	0° Y
	-10879 Sep 22 j 06:13	0° M			-10874 Aug 07 j 05:20	0° B
	-10879 Nov 03 j 15:33	0° L			-10874 Sep 16 j 20:23	0° II
	-10879 Dec 17 j 15:33	0° M			-10874 Oct 26 j 16:18	0° G
evening set	-10879 Dec 30 j 11:14	8° M 32'28			-10874 Dec 05 j 13:29	0° O
	-10878 Feb 01 j 04:19	0° X			-10873 Jan 15 j 17:54	0° M
				desc. node	-10873 Feb 14 j 14:00	20° M 22'42
conjunction	-10878 Feb 18 j 14:18	11° X 16'18	-1°00'57		-10873 Mar 01 j 16:13	0° L
minimum elong	-10878 Feb 18 j 15:49	11° X 18'46	1°01'30		-10873 May 01 j 20:20	0° M
max. Earth dist.	-10878 Feb 26 j 19:20	16° X 33'28	2.65343 AU	retrograde	-10873 May 27 j 09:17	4° M 06'31
	-10878 Mar 19 j 18:33	0° Z			-10873 Jun 20 j 14:37	30° R L
morning rise	-10878 Apr 07 j 15:15	12° Z 02'48		min. Earth dist.	-10873 Jun 28 j 20:16	27° L 04'11 0.56034 AU
	-10878 May 05 j 18:43	0° \approx		greatest brilliancy	-10873 Jul 04 j 05:12	25° L 00'06 -1.8m
asc. node	-10878 Jun 19 j 03:15	28° \approx 21'02		opposition	-10873 Jul 05 j 10:22	24° L 31'58 -5°30'50
	-10878 Jun 21 j 17:04	0° H		direct	-10873 Aug 10 j 09:02	16° L 26'32
	-10878 Aug 07 j 14:00	0° Y			-10873 Oct 02 j 11:18	0° M
	-10878 Sep 24 j 04:16	0° B			-10873 Nov 30 j 11:40	0° X
	-10878 Nov 14 j 05:16	0° II			-10872 Jan 20 j 17:44	0° Z
retrograde	-10877 Jan 29 j 05:21	25° II 57'14		asc. node	-10872 Feb 08 j 16:00	11° Z 34'45
opposition	-10877 Feb 28 j 21:57	20° II 49'16	5°14'47		-10872 Mar 09 j 00:01	0° \approx
greatest brilliancy	-10877 Mar 01 j 11:59	20° II 39'47	-2.8m		-10872 Apr 23 j 19:50	0° H
min. Earth dist.	-10877 Mar 02 j 23:39	20° II 15'42	0.38630 AU	evening set	-10872 Apr 29 j 23:21	4° H 08'46
direct	-10877 Apr 01 j 02:17	15° II 29'46		max. Earth dist.	-10872 May 17 j 08:53	16° H 03'06 2.52411 AU
desc. node	-10877 May 12 j 12:22	25° II 23'40			-10872 Jun 06 j 07:13	0° Y
	-10877 May 22 j 13:56	0° G				
	-10877 Jul 13 j 18:06	0° O		conjunction	-10872 Jun 20 j 06:45	9° Y 59'05 1°06'50
	-10877 Aug 28 j 19:28	0° M		minimum elong	-10872 Jun 20 j 05:10	9° Y 56'14 1°06'52
	-10877 Oct 13 j 01:20	0° L			-10872 Jul 17 j 15:57	0° B
	-10877 Nov 27 j 19:55	0° M		morning rise	-10872 Aug 13 j 01:13	19° B 48'07
	-10876 Jan 13 j 09:32	0° X			-10872 Aug 26 j 10:21	0° II
evening set	-10876 Feb 09 j 22:16	17° X 34'36			-10872 Oct 04 j 07:13	0° G
	-10876 Feb 29 j 09:50	0° Z			-10872 Nov 12 j 02:38	0° O
max. Earth dist.	-10876 Mar 22 j 11:35	14° Z 06'25	2.66183 AU		-10872 Dec 21 j 18:53	0° M
				desc. node	-10871 Jan 01 j 08:15	7° M 46'51
conjunction	-10876 Mar 28 j 23:32	18° Z 16'28	-0°22'10		-10871 Feb 01 j 09:58	0° L
minimum elong	-10876 Mar 29 j 00:24	18° Z 17'51	0°22'44		-10871 Mar 18 j 16:27	0° M
	-10876 Apr 16 j 04:40	0° \approx			-10871 May 12 j 01:36	0° X
asc. node	-10876 May 05 j 19:29	12° \approx 43'59		retrograde	-10871 Jul 03 j 17:07	14° X 03'28
morning rise	-10876 May 14 j 16:44	18° \approx 32'27		min. Earth dist.	-10871 Aug 09 j 18:47	5° X 18'29 0.64264 AU
	-10876 Jun 01 j 02:16	0° H		opposition	-10871 Aug 12 j 16:46	4° X 08'15 -4°32'17
	-10876 Jul 15 j 18:35	0° Y		greatest brilliancy	-10871 Aug 12 j 06:49	4° X 18'14 -1.4m
	-10876 Aug 28 j 06:17	0° B			-10871 Aug 23 j 12:28	30° R M
	-10876 Oct 09 j 21:58	0° II		direct	-10871 Sep 20 j 11:04	24° M 54'51
	-10876 Nov 21 j 10:48	0° G			-10871 Oct 21 j 05:15	0° X
	-10875 Jan 04 j 13:58	0° O		asc. node	-10871 Dec 26 j 20:41	29° X 51'51
	-10875 Feb 26 j 10:34	0° M			-10871 Dec 27 j 02:42	0° Z
desc. node	-10875 Mar 29 j 14:57	9° M 34'32			-10870 Feb 16 j 16:54	0° \approx
retrograde	-10875 Apr 08 j 18:22	10° M 17'49			-10870 Apr 04 j 14:21	0° H
min. Earth dist.	-10875 May 06 j 10:31	5° M 16'44	0.43915 AU		-10870 May 18 j 06:41	0° Y
greatest brilliancy	-10875 May 13 j 05:00	3° M 03'51	-2.5m	evening set	-10870 Jun 18 j 07:52	22° Y 28'47
opposition	-10875 May 14 j 03:22	2° M 45'26	-3°02'25		-10870 Jun 28 j 10:49	0° B
	-10875 May 23 j 01:21	30° R O		max. Earth dist.	-10870 Jul 13 j 14:44	11° B 25'09 2.40633 AU
direct	-10875 Jun 15 j 04:28	26° O 32'41			-10870 Aug 06 j 20:23	0° II
	-10875 Jul 09 j 07:05	0° M				
	-10875 Sep 14 j 00:56	0° L		conjunction	-10870 Aug 15 j 06:39	6° II 32'12 1°01'51
	-10875 Nov 04 j 10:20	0° M		minimum elong	-10870 Aug 15 j 09:22	6° II 37'28 1°02'21

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Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10870 Sep 14 j 07:20	0°☾		retrograde	-10865 Oct 28 j 00:48	3°Υ38'13	
morning rise	-10870 Oct 17 j 16:23	26°☾05'35			-10865 Nov 20 j 23:34	30°Ϟ	
	-10870 Oct 22 j 17:07	0°♂		opposition	-10865 Dec 02 j 11:30	26°Ϟ09'48	4°32'24
desc. node	-10870 Nov 19 j 01:17	21°♂00'29		greatest brilliancy	-10865 Dec 03 j 14:19	25°Ϟ45'35	-2.0m
	-10870 Nov 30 j 22:54	0°♎		min. Earth dist.	-10865 Dec 10 j 02:59	23°Ϟ24'19	0.53053 AU
	-10869 Jan 10 j 20:17	0°♊		direct	-10864 Jan 10 j 15:37	17°Ϟ03'38	
	-10869 Feb 23 j 04:43	0°♌			-10864 Feb 28 j 02:59	0°Υ	
	-10869 Apr 11 j 03:05	0°♍			-10864 Apr 19 j 23:02	0°Ϟ	
	-10869 Jun 04 j 10:28	0°♎			-10864 Jun 01 j 19:25	0°♊	
retrograde	-10869 Aug 07 j 22:23	18°♎51'22		desc. node	-10864 Jul 10 j 22:49	29°♊07'36	
opposition	-10869 Sep 16 j 12:38	9°♎17'36 -2°15'10			-10864 Jul 12 j 02:38	0°☾	
greatest brilliancy	-10869 Sep 16 j 14:52	9°♎15'22 -1.4m			-10864 Aug 20 j 21:51	0°♂	
min. Earth dist.	-10869 Sep 17 j 09:25	8°♎56'47 0.66500 AU			-10864 Sep 30 j 09:02	0°♎	
	-10869 Oct 17 j 19:50	30°Ϟ♍			-10864 Nov 11 j 05:37	0°♊	
direct	-10869 Oct 26 j 23:36	29°♍27'30		evening set	-10864 Dec 12 j 16:07	21°♊44'59	
	-10869 Nov 05 j 10:20	0°♎			-10864 Dec 24 j 20:17	0°♌	
asc. node	-10869 Nov 14 j 01:23	1°♎21'19					
	-10868 Jan 23 j 00:43	0°♌		conjunction	-10863 Feb 02 j 08:30	26°♌13'17 -1°10'03	
	-10868 Mar 13 j 11:49	0°Ϟ		minimum elong	-10863 Feb 02 j 09:36	26°♌15'04 1°10'31	
	-10868 Apr 27 j 06:38	0°Υ			-10863 Feb 08 j 03:21	0°♍	
	-10868 Jun 07 j 18:24	0°Ϟ		max. Earth dist.	-10863 Feb 17 j 00:19	5°♍46'07 2.63546 AU	
	-10868 Jul 17 j 04:51	0°♊		morning rise	-10863 Mar 23 j 15:13	28°♍02'29	
evening set	-10868 Aug 17 j 21:16	24°♊43'13			-10863 Mar 26 j 16:49	0°♎	
	-10868 Aug 24 j 14:46	0°☾			-10863 May 12 j 23:15	0°♌	
	-10868 Oct 01 j 23:41	0°♂			-10863 Jun 29 j 15:54	0°Ϟ	
desc. node	-10868 Oct 05 j 21:44	3°♂02'14		asc. node	-10863 Jul 05 j 21:33	3°Ϟ53'40	
					-10863 Aug 17 j 06:31	0°Υ	
conjunction	-10868 Oct 19 j 21:36	13°♂49'16 -0°10'38			-10863 Oct 08 j 05:50	0°Ϟ	
minimum elong	-10868 Oct 19 j 20:42	13°♂47'31 0°10'09		retrograde	-10863 Dec 29 j 06:39	28°Ϟ11'22	
behind sun begin	-10868 Oct 18 j 23:27	13°♂06'49		opposition	-10862 Jan 29 j 20:03	22°Ϟ39'05 6°45'45	
behind sun end	-10868 Oct 20 j 17:56	14°♂28'12		greatest brilliancy	-10862 Jan 31 j 08:06	22°Ϟ12'43 -2.6m	
	-10868 Nov 10 j 04:55	0°♎		min. Earth dist.	-10862 Feb 05 j 00:42	20°Ϟ51'04 0.41283 AU	
max. Earth dist.	-10868 Dec 03 j 21:07	17°♎34'43 2.43407 AU		direct	-10862 Mar 04 j 08:44	16°Ϟ17'32	
morning rise	-10868 Dec 21 j 15:39	0°♊27'55			-10862 Apr 22 j 12:17	0°♊	
	-10868 Dec 21 j 00:05	0°♊		desc. node	-10862 May 29 j 03:41	20°♊48'06	
	-10867 Feb 01 j 22:06	0°♌			-10862 Jun 12 j 11:39	0°☾	
	-10867 Mar 19 j 07:23	0°♍			-10862 Jul 26 j 16:31	0°♂	
	-10867 May 06 j 17:36	0°♎			-10862 Sep 07 j 20:42	0°♎	
	-10867 Jun 29 j 19:35	0°♌			-10862 Oct 21 j 13:55	0°♊	
retrograde	-10867 Sep 13 j 00:19	23°♌38'24			-10862 Dec 05 j 11:00	0°♌	
asc. node	-10867 Oct 01 j 04:36	21°♌29'40			-10861 Jan 20 j 12:18	0°♍	
opposition	-10867 Oct 21 j 04:00	14°♌51'08 0°50'27		evening set	-10861 Jan 25 j 07:59	3°♍06'18	
greatest brilliancy	-10867 Oct 21 j 06:51	14°♌48'22 -1.6m			-10861 Mar 08 j 07:05	0°♎	
min. Earth dist.	-10867 Oct 25 j 17:08	13°♌04'41 0.62589 AU					
direct	-10867 Dec 01 j 00:27	4°♌54'12		conjunction	-10861 Mar 14 j 21:42	4°♎13'38 -0°39'12	
	-10866 Feb 14 j 06:32	0°Ϟ		minimum elong	-10861 Mar 14 j 23:04	4°♎15'49 0°39'47	
	-10866 Apr 04 j 12:39	0°Υ		max. Earth dist.	-10861 Mar 13 j 21:39	3°♎35'11 2.66494 AU	
	-10866 May 17 j 11:11	0°Ϟ			-10861 Apr 24 j 02:20	0°♌	
	-10866 Jun 26 j 12:59	0°♊		morning rise	-10861 Apr 30 j 20:10	4°♌20'48	
	-10866 Aug 04 j 08:26	0°☾		asc. node	-10861 May 23 j 13:56	19°♌04'58	
desc. node	-10866 Aug 23 j 20:32	15°☾09'08			-10861 Jun 09 j 07:02	0°Ϟ	
	-10866 Sep 12 j 01:35	0°♂			-10861 Jul 24 j 14:27	0°Υ	
evening set	-10866 Oct 21 j 10:53	29°♂52'29			-10861 Sep 07 j 03:36	0°Ϟ	
	-10866 Oct 21 j 14:55	0°♎			-10861 Oct 21 j 11:48	0°♊	
	-10866 Dec 01 j 17:11	0°♊			-10861 Dec 05 j 23:09	0°☾	
					-10860 Jan 27 j 04:17	0°♂	
conjunction	-10866 Dec 18 j 06:11	11°♊41'47 -1°07'19		retrograde	-10860 Mar 15 j 09:05	13°♂10'00	
minimum elong	-10866 Dec 18 j 04:19	11°♊38'30 1°07'22		min. Earth dist.	-10860 Apr 11 j 19:32	8°♂32'40 0.40018 AU	
	-10865 Jan 13 j 18:20	0°♌		desc. node	-10860 Apr 15 j 08:13	7°♂31'17	
max. Earth dist.	-10865 Jan 19 j 16:27	4°♌01'07 2.55417 AU		opposition	-10860 Apr 17 j 07:08	6°♂56'58 -0°08'57	
morning rise	-10865 Feb 10 j 21:27	18°♌52'41		greatest brilliancy	-10860 Apr 17 j 06:20	6°♂57'33 -2.8m	
	-10865 Feb 27 j 19:49	0°♍		direct	-10860 May 18 j 00:00	1°♂31'39	
	-10865 Apr 15 j 17:58	0°♎			-10860 Aug 06 j 07:55	0°♎	
	-10865 Jun 03 j 13:34	0°♌			-10860 Sep 26 j 04:18	0°♊	
	-10865 Jul 25 j 17:30	0°Ϟ			-10860 Nov 13 j 09:33	0°♌	
asc. node	-10865 Aug 19 j 03:15	12°Ϟ35'39			-10860 Dec 31 j 04:51	0°♍	
	-10865 Oct 02 j 10:01	0°Υ			-10859 Feb 16 j 19:25	0°♎	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

evening set	-10859 Mar 04 j 22:28	10° $\overline{3}$ 14'24				-10855 Oct 30 j 08:48	0° Ω	
	-10859 Apr 04 j 17:45	0° \approx			desc. node	-10855 Dec 05 j 22:46	27° Ω 56'09	
max. Earth dist.	-10859 Apr 06 j 19:42	1° \approx 20'48	2.64092 AU			-10855 Dec 08 j 16:49	0° \mathfrak{M}	
asc. node	-10859 Apr 09 j 08:15	2° \approx 58'54				-10854 Jan 18 j 17:49	0° $\underline{\Omega}$	
						-10854 Mar 03 j 12:09	0° \mathfrak{M}	
conjunction	-10859 Apr 21 j 20:53	11° \approx 08'26	0°07'33			-10854 Apr 20 j 20:21	0° \mathcal{A}	
minimum elong	-10859 Apr 21 j 20:37	11° \approx 07'59	0°07'04			-10854 Jun 23 j 00:12	0° $\overline{\mathcal{Z}}$	
behind sun begin	-10859 Apr 21 j 02:37	10° \approx 38'36		retrograde		-10854 Jul 25 j 07:33	5° $\overline{\mathcal{Z}}$ 46'05	
behind sun end	-10859 Apr 22 j 14:36	11° \approx 37'23				-10854 Aug 23 j 22:56	30° \mathfrak{R} \mathcal{A}	
	-10859 May 20 j 09:43	0° \mathfrak{H}		opposition		-10854 Sep 03 j 04:27	26° \mathcal{A} 00'39	-3°14'42
morning rise	-10859 Jun 08 j 01:40	12° \mathfrak{H} 34'13		greatest brilliancy		-10854 Sep 03 j 03:32	26° \mathcal{A} 01'35	-1.4m
	-10859 Jul 03 j 11:06	0° \mathcal{Y}		min. Earth dist.		-10854 Sep 02 j 14:01	26° \mathcal{A} 15'10	0.66354 AU
	-10859 Aug 14 j 22:11	0° \mathcal{B}		direct		-10854 Oct 13 j 02:44	16° \mathcal{A} 21'35	
	-10859 Sep 25 j 03:03	0° Π		asc. node		-10854 Nov 30 j 14:51	27° \mathcal{A} 43'41	
	-10859 Nov 04 j 15:34	0° \mathfrak{E}				-10854 Dec 06 j 02:20	0° $\overline{\mathcal{Z}}$	
	-10859 Dec 15 j 10:01	0° Ω				-10853 Feb 02 j 06:30	0° \approx	
desc. node	-10858 Jan 27 j 04:04	0° \mathfrak{M}				-10853 Mar 22 j 19:24	0° \mathfrak{H}	
	-10858 Mar 03 j 07:39	22° \mathfrak{M} 00'06				-10853 May 06 j 00:34	0° \mathcal{Y}	
	-10858 Mar 18 j 03:42	0° $\underline{\Omega}$				-10853 Jun 16 j 07:56	0° \mathcal{B}	
retrograde	-10858 May 10 j 06:16	15° $\underline{\Omega}$ 39'56		evening set		-10853 Jul 24 j 13:42	29° \mathcal{B} 06'52	
min. Earth dist.	-10858 Jun 09 j 15:54	9° $\underline{\Omega}$ 26'40	0.51473 AU			-10853 Jul 25 j 17:09	0° Π	
greatest brilliancy	-10858 Jun 15 j 22:54	7° $\underline{\Omega}$ 07'23	-2.1m			-10853 Sep 02 j 02:42	0° \mathfrak{E}	
opposition	-10858 Jun 17 j 08:16	6° $\underline{\Omega}$ 36'30	-5°11'24					
	-10858 Jul 10 j 15:17	30° \mathfrak{R} \mathfrak{M}		conjunction		-10853 Sep 24 j 16:38	17° \mathfrak{E} 42'20	0°21'57
direct	-10858 Jul 21 j 20:17	29° \mathfrak{M} 09'32		minimum elong		-10853 Sep 24 j 18:40	17° \mathfrak{E} 46'17	0°22'30
	-10858 Aug 02 j 11:53	0° $\underline{\Omega}$				-10853 Oct 10 j 11:03	0° Ω	
	-10858 Oct 17 j 18:53	0° \mathfrak{M}		desc. node		-10853 Oct 23 j 16:31	10° Ω 13'49	
	-10858 Dec 09 j 19:24	0° \mathcal{A}		max. Earth dist.		-10853 Oct 26 j 01:05	12° Ω 02'35	2.39187 AU
	-10857 Jan 28 j 11:31	0° $\overline{\mathcal{Z}}$				-10853 Nov 18 j 15:25	0° \mathfrak{M}	
asc. node	-10857 Feb 25 j 07:06	17° $\overline{\mathcal{Z}}$ 20'54		morning rise		-10853 Nov 28 j 13:12	7° \mathfrak{M} 25'03	
	-10857 Mar 17 j 04:17	0° \approx				-10853 Dec 29 j 10:00	0° $\underline{\Omega}$	
evening set	-10857 Apr 14 j 03:40	18° \approx 12'08				-10852 Feb 10 j 09:25	0° \mathfrak{M}	
	-10857 May 01 j 20:51	0° \mathfrak{H}				-10852 Mar 27 j 03:08	0° \mathcal{A}	
max. Earth dist.	-10857 May 04 j 22:13	2° \mathfrak{H} 03'30	2.56595 AU			-10852 May 15 j 19:52	0° $\overline{\mathcal{Z}}$	
						-10852 Jul 15 j 07:24	0° \approx	
conjunction	-10857 Jun 02 j 20:54	21° \mathfrak{H} 53'44	0°54'02	retrograde		-10852 Aug 29 j 01:43	10° \approx 00'21	
minimum elong	-10857 Jun 02 j 19:05	21° \mathfrak{H} 50'34	0°53'52	opposition		-10852 Oct 06 j 22:05	0° \approx 51'49	-0°26'42
	-10857 Jun 14 j 10:25	0° \mathcal{Y}		greatest brilliancy		-10852 Oct 06 j 23:34	0° \approx 50'22	-1.5m
morning rise	-10857 Jul 23 j 18:17	28° \mathcal{Y} 20'38				-10852 Oct 09 j 02:26	30° \mathfrak{R} $\overline{\mathcal{Z}}$	
	-10857 Jul 26 j 00:16	0° \mathcal{B}		min. Earth dist.		-10852 Oct 10 j 01:01	29° $\overline{\mathcal{Z}}$ 37'40	0.64838 AU
	-10857 Sep 04 j 01:13	0° Π		asc. node		-10852 Oct 17 j 19:14	26° $\overline{\mathcal{Z}}$ 40'09	
	-10857 Oct 13 j 04:59	0° \mathfrak{E}		direct		-10852 Nov 16 j 19:18	20° $\overline{\mathcal{Z}}$ 53'02	
	-10857 Nov 21 j 07:14	0° Ω				-10852 Dec 28 j 19:28	0° \approx	
	-10857 Dec 31 j 07:55	0° \mathfrak{M}				-10851 Feb 26 j 00:31	0° \mathfrak{H}	
desc. node	-10856 Jan 19 j 04:38	13° \mathfrak{M} 39'20				-10851 Apr 13 j 17:00	0° \mathcal{Y}	
	-10856 Feb 11 j 15:04	0° $\underline{\Omega}$				-10851 May 25 j 20:48	0° \mathcal{B}	
	-10856 Mar 29 j 21:54	0° \mathfrak{M}				-10851 Jul 04 j 14:13	0° Π	
retrograde	-10856 Jun 19 j 13:01	29° \mathfrak{M} 41'23				-10851 Aug 12 j 04:18	0° \mathfrak{E}	
min. Earth dist.	-10856 Jul 24 j 22:57	21° \mathfrak{M} 32'05	0.61722 AU	desc. node		-10851 Sep 09 j 13:45	22° \mathfrak{E} 09'08	
opposition	-10856 Jul 29 j 08:28	19° \mathfrak{M} 47'03	-5°07'53			-10851 Sep 19 j 16:40	0° Ω	
greatest brilliancy	-10856 Jul 28 j 15:01	20° \mathfrak{M} 04'26	-1.6m	evening set		-10851 Sep 27 j 06:12	5° Ω 50'05	
direct	-10856 Sep 05 j 03:29	10° \mathfrak{M} 55'44				-10851 Oct 29 j 01:22	0° \mathfrak{M}	
	-10856 Nov 10 j 03:33	0° \mathcal{A}						
	-10855 Jan 05 j 18:09	0° $\overline{\mathcal{Z}}$		conjunction		-10851 Nov 26 j 19:26	21° \mathfrak{M} 13'14	-0°52'09
asc. node	-10855 Jan 12 j 09:50	3° $\overline{\mathcal{Z}}$ 51'20		minimum elong		-10851 Nov 26 j 16:38	21° \mathfrak{M} 08'08	0°52'00
	-10855 Feb 24 j 14:33	0° \approx				-10851 Dec 08 j 23:31	0° $\underline{\Omega}$	
	-10855 Apr 11 j 23:13	0° \mathfrak{H}		max. Earth dist.		-10850 Jan 05 j 04:52	19° $\underline{\Omega}$ 11'44	2.51022 AU
	-10855 May 25 j 12:41	0° \mathcal{Y}				-10850 Jan 20 j 21:51	0° \mathfrak{M}	
evening set	-10855 May 28 j 19:46	2° \mathcal{Y} 20'32		morning rise		-10850 Jan 23 j 11:29	1° \mathfrak{M} 44'51	
max. Earth dist.	-10855 Jun 14 j 13:59	14° \mathcal{Y} 24'28	2.45168 AU			-10850 Mar 07 j 00:07	0° \mathcal{A}	
	-10855 Jul 05 j 18:02	0° \mathcal{B}				-10850 Apr 23 j 07:07	0° $\overline{\mathcal{Z}}$	
						-10850 Jun 12 j 08:20	0° \approx	
conjunction	-10855 Jul 22 j 17:24	12° \mathcal{B} 45'32	1°12'18			-10850 Sep 08 j 04:27	0° \mathfrak{H}	
minimum elong	-10855 Jul 22 j 18:07	12° \mathcal{B} 46'53	1°12'41	asc. node		-10850 Sep 04 j 20:26	11° \mathfrak{H} 01'32	
	-10855 Aug 14 j 06:26	0° Π		retrograde		-10850 Oct 09 j 00:54	17° \mathfrak{H} 11'09	
morning rise	-10855 Sep 20 j 10:22	28° Π 53'23		opposition		-10850 Nov 14 j 17:27	9° \mathfrak{H} 06'59	3°03'56
	-10855 Sep 21 j 20:28	0° \mathfrak{E}		greatest brilliancy		-10850 Nov 15 j 08:51	8° \mathfrak{H} 52'30	-1.8m

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

min. Earth dist. -10850 Nov 21 j 07:53 6°~~1~~38'08 0.57368 AU

direct	-10850 Dec 16 j 08:42	30°♊		max. Earth dist.	-10844 Mar 28 j 01:38	20°♏38'03	2.65671 AU
	-10850 Dec 24 j 21:43	29°♊30'29					
	-10849 Jan 02 j 14:20	0°♋		conjunction	-10844 Apr 06 j 15:28	26°♏47'56	-0°11'34
	-10849 Mar 17 j 07:20	0°♌		minimum elong	-10844 Apr 06 j 15:57	26°♏48'42	0°12'07
	-10849 May 02 j 06:07	0°♍		behind sun begin	-10844 Apr 06 j 03:05	26°♏27'59	
	-10849 Jun 12 j 11:58	0°♎		behind sun end	-10844 Apr 07 j 04:48	27°♏09'25	
desc. node	-10849 Jul 21 j 23:41	0°♏			-10844 Apr 11 j 14:28	0°♊	
	-10849 Jul 28 j 15:23	5°♏06'04		asc. node	-10844 Apr 26 j 01:53	9°♊23'29	
	-10849 Aug 30 j 05:02	0°♐		morning rise	-10844 May 23 j 09:32	27°♊19'58	
	-10849 Oct 09 j 04:49	0°♑			-10844 May 27 j 10:00	0°♋	
evening set	-10849 Nov 19 j 15:58	0°♒			-10844 Jul 10 j 20:40	0°♌	
	-10849 Nov 24 j 10:31	3°♒22'20			-10844 Aug 22 j 22:45	0°♍	
	-10848 Jan 01 j 23:26	0°♓			-10844 Oct 03 j 23:54	0°♎	
conjunction	-10848 Jan 17 j 03:45	10°♓13'03	-1°14'12		-10844 Dec 27 j 01:08	0°♐	
minimum elong	-10848 Jan 17 j 03:56	10°♓13'22	1°14'32		-10843 Feb 11 j 14:53	0°♑	
max. Earth dist.	-10848 Feb 07 j 13:47	24°♓24'29	2.60962 AU	desc. node	-10843 Mar 20 j 03:26	17°♑53'07	
morning rise	-10848 Feb 16 j 02:41	0°♒		retrograde	-10843 Apr 20 j 22:22	24°♑18'02	
	-10848 Mar 08 j 02:36	13°♒36'46		min. Earth dist.	-10843 May 19 j 09:34	18°♑54'15	0.46513 AU
	-10848 Apr 02 j 17:22	0°♓		greatest brilliancy	-10843 May 26 j 05:18	16°♑33'13	-2.3m
	-10848 May 20 j 09:43	0°♊		opposition	-10843 May 27 j 11:16	16°♑07'18	-4°07'17
asc. node	-10848 Jul 08 j 05:29	0°♋		direct	-10843 Jun 29 j 08:10	9°♑27'04	
	-10848 Jul 22 j 16:28	8°♋39'34			-10843 Sep 04 j 08:42	0°♒	
	-10848 Aug 28 j 19:32	0°♌			-10843 Oct 29 j 02:17	0°♓	
retrograde	-10848 Nov 03 j 04:12	0°♍			-10843 Dec 18 j 06:05	0°♔	
	-10848 Dec 01 j 17:04	4°♍29'27			-10842 Feb 04 j 21:23	0°♕	
opposition	-10848 Dec 28 j 23:26	30°♌		asc. node	-10842 Mar 13 j 22:18	23°♕24'11	
greatest brilliancy	-10847 Jan 03 j 18:41	28°♌10'27	6°29'40		-10842 Mar 24 j 04:52	0°♊	
min. Earth dist.	-10847 Jan 05 j 11:40	27°♌37'05	-2.3m	evening set	-10842 Mar 29 j 04:47	3°♊13'36	
direct	-10847 Jan 11 j 15:52	25°♌37'25	0.45597 AU	max. Earth dist.	-10842 Apr 23 j 06:46	19°♊38'03	2.60094 AU
desc. node	-10847 Feb 09 j 00:30	20°♌31'18			-10842 May 08 j 20:09	0°♋	
	-10847 Mar 20 j 20:54	0°♍					
	-10847 May 13 j 03:18	0°♎		conjunction	-10842 May 16 j 21:23	5°♋25'36	0°37'21
	-10847 Jun 14 j 19:00	22°♎19'13		minimum elong	-10842 May 16 j 19:56	5°♋23'10	0°37'02
	-10847 Jun 25 j 14:46	0°♏			-10842 Jun 21 j 13:12	0°♌	
	-10847 Aug 06 j 04:24	0°♐		morning rise	-10842 Jul 04 j 19:00	9°♌21'26	
evening set	-10847 Sep 16 j 20:57	0°♑			-10842 Aug 02 j 09:50	0°♍	
	-10847 Oct 29 j 15:06	0°♒			-10842 Sep 11 j 19:26	0°♎	
	-10847 Dec 12 j 20:51	0°♓			-10842 Oct 21 j 08:54	0°♏	
	-10846 Jan 09 j 02:59	18°♓00'10			-10842 Nov 29 j 21:48	0°♐	
conjunction	-10846 Jan 27 j 12:53	0°♔		desc. node	-10841 Jan 09 j 13:03	0°♑	
	-10846 Feb 27 j 13:49	20°♔00'44	-0°53'53		-10841 Feb 05 j 00:28	18°♑35'42	
	-10846 Feb 27 j 15:23	20°♔03'16	0°54'27		-10841 Feb 22 j 02:54	0°♒	
minimum elong	-10846 Mar 04 j 10:35	23°♔07'57	2.65985 AU	retrograde	-10841 Apr 15 j 07:59	0°♓	
max. Earth dist.	-10846 Mar 15 j 04:00	0°♕		min. Earth dist.	-10841 Jun 05 j 12:25	14°♓05'48	0.58270 AU
morning rise	-10846 Apr 16 j 02:35	20°♕25'17		opposition	-10841 Jul 09 j 01:44	6°♓38'00	-5°28'37
	-10846 May 01 j 01:46	0°♊		greatest brilliancy	-10841 Jul 13 j 20:28	4°♌45'53	-1.7m
asc. node	-10846 Jun 09 j 09:13	25°♊16'06			-10841 Jul 26 j 21:02	30°♌	
	-10846 Jun 16 j 17:00	0°♋		direct	-10841 Aug 20 j 13:14	25°♌57'37	
	-10846 Aug 01 j 22:07	0°♌			-10841 Sep 16 j 08:57	0°♎	
	-10846 Sep 17 j 03:02	0°♍			-10841 Nov 23 j 17:29	0°♔	
	-10846 Nov 03 j 15:28	0°♎			-10840 Jan 15 j 09:28	0°♕	
	-10846 Dec 27 j 23:17	0°♏		asc. node	-10840 Jan 29 j 23:52	8°♕47'31	
retrograde	-10845 Feb 15 j 14:53	13°♏14'29			-10840 Mar 04 j 03:38	0°♊	
opposition	-10845 Mar 18 j 17:25	7°♏58'36	3°30'16		-10840 Apr 19 j 04:10	0°♋	
min. Earth dist.	-10845 Mar 17 j 19:20	8°♏13'29	0.38277 AU	evening set	-10840 May 10 j 01:21	14°♋11'16	
greatest brilliancy	-10845 Mar 18 j 18:53	7°♏57'36	-2.9m	max. Earth dist.	-10840 May 26 j 06:49	25°♋28'35	2.49921 AU
direct	-10845 Apr 18 j 02:25	2°♏52'35			-10840 Jun 01 j 16:44	0°♌	
desc. node	-10845 May 03 j 00:08	4°♏17'23					
	-10845 Jul 03 j 07:39	0°♐		conjunction	-10840 Jul 01 j 11:00	21°♌27'37	1°11'21
	-10845 Aug 21 j 15:25	0°♑		minimum elong	-10840 Jul 01 j 09:59	21°♌25'44	1°11'30
	-10845 Oct 07 j 05:04	0°♒			-10840 Jul 13 j 00:38	0°♍	
	-10845 Nov 22 j 15:44	0°♓			-10840 Aug 21 j 16:51	0°♎	
	-10844 Jan 08 j 14:04	0°♔		morning rise	-10840 Aug 26 j 03:57	3°♎25'46	
evening set	-10844 Feb 18 j 17:52	26°♔09'35			-10840 Sep 29 j 10:59	0°♏	

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Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10840 Nov 07 j 03:06	0°♈			-10834 Mar 29 j 04:25	0°♐	
	-10840 Dec 16 j 15:07	0°♑			-10834 May 11 j 21:44	0°♑	
desc. node	-10840 Dec 22 j 18:23	4°♑33'29			-10834 Jun 21 j 07:16	0°♒	
	-10839 Jan 26 j 23:03	0°♒			-10834 Jul 30 j 07:13	0°♓	
	-10839 Mar 12 j 11:11	0°♓		desc. node	-10834 Aug 14 j 07:05	11°♓36'45	
	-10839 May 02 j 13:29	0°♈			-10834 Sep 07 j 03:30	0°♈	
retrograde	-10839 Jul 11 j 16:45	22°♈23'34			-10834 Oct 16 j 19:19	0°♑	
min. Earth dist.	-10839 Aug 18 j 14:36	13°♈20'38	0.65266 AU	evening set	-10834 Nov 03 j 09:18	12°♑58'00	
opposition	-10839 Aug 20 j 16:23	12°♈30'33	-4°06'30		-10834 Nov 26 j 23:42	0°♒	
greatest brilliancy	-10839 Aug 20 j 10:11	12°♈36'47	-1.4m				
direct	-10839 Sep 28 j 21:25	3°♈06'47		conjunction	-10834 Dec 29 j 15:10	22°♒51'02	-1°12'01
asc. node	-10839 Dec 17 j 04:28	28°♈34'50		minimum elong	-10834 Dec 29 j 14:05	22°♒49'11	1°12'12
	-10839 Dec 19 j 23:22	0°♓			-10833 Jan 09 j 01:58	0°♓	
	-10838 Feb 11 j 05:39	0°♈		max. Earth dist.	-10833 Jan 27 j 00:11	12°♓05'13	2.57613 AU
	-10838 Mar 30 j 15:35	0°♈		morning rise	-10833 Feb 20 j 18:47	28°♓28'01	
	-10838 May 13 j 12:37	0°♐			-10833 Feb 23 j 03:05	0°♈	
	-10838 Jun 23 j 18:22	0°♑			-10833 Apr 10 j 21:07	0°♓	
evening set	-10838 Jun 30 j 20:45	5°♑19'19			-10833 May 29 j 04:16	0°♈	
	-10838 Aug 02 j 04:04	0°♒			-10833 Jul 18 j 18:25	0°♈	
max. Earth dist.	-10838 Aug 09 j 15:52	5°♒48'34	2.38812 AU	asc. node	-10833 Aug 09 j 10:05	12°♈01'39	
					-10833 Sep 14 j 18:54	0°♐	
conjunction	-10838 Aug 29 j 11:22	21°♒16'32	0°50'21	retrograde	-10833 Nov 09 j 00:05	14°♐17'58	
minimum elong	-10838 Aug 29 j 14:36	21°♒22'53	0°50'54	opposition	-10833 Dec 13 j 15:15	7°♐12'16	5°20'24
	-10838 Sep 09 j 14:32	0°♓		greatest brilliancy	-10833 Dec 15 j 00:32	6°♐43'02	-2.1m
	-10838 Oct 17 j 23:22	0°♈		min. Earth dist.	-10833 Dec 21 j 14:38	4°♐24'42	0.50469 AU
morning rise	-10838 Nov 02 j 02:57	11°♈42'32			-10832 Jan 06 j 06:50	30°♈	
desc. node	-10838 Nov 09 j 12:36	17°♈22'58		direct	-10832 Jan 20 j 23:21	28°♈30'37	
	-10838 Nov 26 j 03:42	0°♑			-10832 Feb 04 j 23:46	0°♐	
	-10837 Jan 05 j 22:50	0°♒			-10832 Apr 11 j 13:08	0°♑	
	-10837 Feb 18 j 01:54	0°♓			-10832 May 26 j 04:27	0°♒	
	-10837 Apr 05 j 09:58	0°♈		desc. node	-10832 Jul 01 j 11:46	26°♒28'45	
	-10837 May 27 j 08:25	0°♓			-10832 Jul 06 j 05:37	0°♓	
retrograde	-10837 Aug 15 j 21:32	26°♓47'27			-10832 Aug 15 j 11:37	0°♈	
opposition	-10837 Sep 24 j 06:24	17°♓21'44	-1°37'16		-10832 Sep 25 j 06:14	0°♑	
greatest brilliancy	-10837 Sep 24 j 09:14	17°♓18'55	-1.4m		-10832 Nov 06 j 08:23	0°♒	
min. Earth dist.	-10837 Sep 25 j 22:53	16°♓41'18	0.66160 AU		-10832 Dec 20 j 02:42	0°♓	
direct	-10837 Nov 03 j 22:19	7°♓27'03		evening set	-10832 Dec 23 j 00:47	1°♓57'36	
asc. node	-10837 Nov 04 j 09:42	7°♓27'09			-10831 Feb 03 j 11:56	0°♈	
	-10836 Jan 15 j 07:34	0°♈					
	-10836 Mar 07 j 18:37	0°♈		conjunction	-10831 Feb 11 j 19:03	5°♈23'32	-1°05'16
	-10836 Apr 22 j 02:57	0°♐		minimum elong	-10831 Feb 11 j 20:27	5°♈25'47	1°05'48
	-10836 Jun 02 j 19:59	0°♑		max. Earth dist.	-10831 Feb 22 j 21:58	12°♈35'01	2.64646 AU
	-10836 Jul 12 j 08:45	0°♒			-10831 Mar 22 j 01:07	0°♓	
	-10836 Aug 19 j 20:02	0°♓		morning rise	-10831 Apr 01 j 07:52	6°♓33'52	
evening set	-10836 Sep 01 j 14:52	10°♓01'06			-10831 May 08 j 03:35	0°♈	
desc. node	-10836 Sep 26 j 07:48	29°♓17'19			-10831 Jun 24 j 09:24	0°♈	
	-10836 Sep 27 j 05:48	0°♈		asc. node	-10831 Jun 26 j 03:09	1°♈06'12	
					-10831 Aug 10 j 22:11	0°♐	
conjunction	-10836 Nov 03 j 04:21	28°♈16'06	-0°27'50		-10831 Sep 28 j 23:51	0°♑	
minimum elong	-10836 Nov 03 j 02:09	28°♈11'58	0°27'26		-10831 Nov 24 j 01:20	0°♒	
	-10836 Nov 05 j 11:35	0°♑		retrograde	-10830 Jan 15 j 12:41	13°♒46'58	
	-10836 Dec 16 j 06:56	0°♒		opposition	-10830 Feb 15 j 09:03	8°♒33'13	6°09'50
max. Earth dist.	-10836 Dec 17 j 17:29	1°♒01'59	2.46154 AU	greatest brilliancy	-10830 Feb 16 j 10:30	8°♒15'35	-2.8m
morning rise	-10835 Jan 03 j 04:08	12°♒42'24		min. Earth dist.	-10830 Feb 19 j 14:07	7°♒23'20	0.39528 AU
	-10835 Jan 28 j 03:43	0°♓		direct	-10830 Mar 19 j 12:19	2°♒50'39	
	-10835 Mar 14 j 08:46	0°♈		desc. node	-10830 May 19 j 16:46	22°♒34'40	
	-10835 May 01 j 05:43	0°♓			-10830 Jun 01 j 20:51	0°♓	
	-10835 Jun 22 j 07:58	0°♈			-10830 Jul 19 j 05:36	0°♈	
	-10835 Sep 02 j 14:36	0°♈			-10830 Sep 01 j 17:41	0°♑	
asc. node	-10835 Sep 21 j 12:34	2°♈10'02			-10830 Oct 16 j 04:30	0°♒	
retrograde	-10835 Sep 22 j 01:03	2°♈10'08			-10830 Nov 30 j 11:41	0°♓	
	-10835 Oct 10 j 08:35	30°♈			-10829 Jan 15 j 18:52	0°♈	
opposition	-10835 Oct 29 j 17:42	23°♈36'40	1°37'40	evening set	-10829 Feb 03 j 08:55	11°♈54'48	
greatest brilliancy	-10835 Oct 30 j 00:11	23°♈30'24	-1.6m		-10829 Mar 03 j 16:17	0°♓	
min. Earth dist.	-10835 Nov 04 j 01:23	21°♈33'24	0.60971 AU	max. Earth dist.	-10829 Mar 19 j 11:38	10°♓06'12	2.66429 AU
direct	-10835 Dec 09 j 11:05	13°♈43'48					
	-10834 Feb 04 j 21:32	0°♈		conjunction	-10829 Mar 23 j 14:37	12°♓44'35	-0°29'32

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Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

minimum elong	-10829 Mar 23 j 15:43	12° ♁ 46'21	0°30'07			-10824 Aug 03 j 01:23	30° ♁	
	-10829 Apr 19 j 11:22	0° ♁		opposition		-10824 Aug 06 j 17:05	28° ♁ 32'09	-4°48'52
morning rise	-10829 May 09 j 08:43	12° ♁ 52'44		greatest brilliancy		-10824 Aug 06 j 03:58	28° ♁ 45'18	-1.5m
asc. node	-10829 May 13 j 19:15	15° ♁ 46'09		direct		-10824 Sep 14 j 01:08	19° ♁ 27'56	
	-10829 Jun 04 j 12:34	0° ♁				-10824 Oct 30 j 09:56	0° ♁	
	-10829 Jul 19 j 11:39	0° ♁				-10824 Dec 30 j 15:19	0° ♁	
	-10829 Sep 01 j 10:12	0° ♁		asc. node		-10823 Jan 02 j 18:32	1° ♁ 45'14	
	-10829 Oct 14 j 17:31	0° ♁				-10823 Feb 19 j 11:14	0° ♁	
	-10829 Nov 27 j 06:43	0° ♁				-10823 Apr 07 j 04:20	0° ♁	
	-10828 Jan 12 j 12:41	0° ♁				-10823 May 20 j 20:34	0° ♁	
retrograde	-10828 Mar 29 j 16:09	29° ♁ 21'38		evening set		-10823 Jun 09 j 05:46	13° ♁ 54'28	
desc. node	-10828 Apr 05 j 19:42	28° ♁ 59'44		max. Earth dist.		-10823 Jun 29 j 04:12	28° ♁ 34'12	2.42557 AU
min. Earth dist.	-10828 Apr 26 j 00:10	24° ♁ 35'08	0.41974 AU			-10823 Jul 01 j 02:16	0° ♁	
opposition	-10828 May 02 j 24:00	22° ♁ 24'25	-1°56'45					
greatest brilliancy	-10828 May 02 j 10:13	22° ♁ 35'12	-2.7m	conjunction		-10823 Aug 04 j 19:06	26° ♁ 19'20	1°07'54
direct	-10828 Jun 03 j 09:23	16° ♁ 34'15		minimum elong		-10823 Aug 04 j 21:01	26° ♁ 23'02	1°08'21
	-10828 Jul 24 j 12:09	0° ♁				-10823 Aug 09 j 13:34	0° ♁	
	-10828 Sep 18 j 22:05	0° ♁				-10823 Sep 17 j 02:00	0° ♁	
	-10828 Nov 07 j 16:32	0° ♁		morning rise		-10823 Oct 05 j 17:02	14° ♁ 34'24	
	-10828 Dec 26 j 03:51	0° ♁				-10823 Oct 25 j 12:33	0° ♁	
	-10827 Feb 12 j 01:47	0° ♁		desc. node		-10823 Nov 26 j 07:24	24° ♁ 22'36	
evening set	-10827 Mar 13 j 17:31	18° ♁ 49'18				-10823 Dec 03 j 18:19	0° ♁	
asc. node	-10827 Mar 30 j 14:36	29° ♁ 39'59				-10822 Jan 13 j 15:56	0° ♁	
	-10827 Mar 31 j 02:59	0° ♁				-10822 Feb 26 j 02:19	0° ♁	
max. Earth dist.	-10827 Apr 12 j 18:42	8° ♁ 12'35	2.62881 AU			-10822 Apr 14 j 10:35	0° ♁	
						-10822 Jun 10 j 00:04	0° ♁	
conjunction	-10827 Apr 30 j 19:55	20° ♁ 03'20	0°18'41	retrograde		-10822 Aug 02 j 03:50	13° ♁ 43'55	
minimum elong	-10827 Apr 30 j 19:10	20° ♁ 02'06	0°18'15	opposition		-10822 Sep 10 j 21:24	4° ♁ 04'35	-2°40'58
	-10827 May 15 j 18:52	0° ♁		greatest brilliancy		-10822 Sep 10 j 22:32	4° ♁ 03'27	-1.4m
morning rise	-10827 Jun 17 j 11:11	22° ♁ 11'48		min. Earth dist.		-10822 Sep 11 j 02:52	3° ♁ 59'06	0.66558 AU
	-10827 Jun 28 j 17:22	0° ♁				-10822 Sep 21 j 09:14	30° ♁	
	-10827 Aug 09 j 23:18	0° ♁		direct		-10822 Oct 21 j 03:02	24° ♁ 18'46	
	-10827 Sep 19 j 20:39	0° ♁		asc. node		-10822 Nov 20 j 23:36	29° ♁ 25'34	
	-10827 Oct 29 j 23:35	0° ♁				-10822 Nov 22 j 20:18	0° ♁	
	-10827 Dec 09 j 04:32	0° ♁				-10821 Jan 26 j 21:17	0° ♁	
	-10826 Jan 19 j 20:55	0° ♁				-10821 Mar 17 j 12:30	0° ♁	
desc. node	-10826 Feb 21 j 19:27	21° ♁ 52'43				-10821 May 01 j 02:29	0° ♁	
	-10826 Mar 07 j 04:15	0° ♁				-10821 Jun 11 j 13:28	0° ♁	
retrograde	-10826 May 20 j 07:25	26° ♁ 53'09				-10821 Jul 20 j 23:53	0° ♁	
min. Earth dist.	-10826 Jun 20 j 19:57	20° ♁ 12'25	0.54057 AU	evening set		-10821 Aug 07 j 16:39	13° ♁ 46'09	
opposition	-10826 Jun 27 j 23:05	17° ♁ 30'23	-5°27'06			-10821 Aug 28 j 09:43	0° ♁	
greatest brilliancy	-10826 Jun 26 j 15:29	18° ♁ 00'25	-1.9m			-10821 Oct 05 j 17:54	0° ♁	
direct	-10826 Aug 02 j 07:07	9° ♁ 41'07						
	-10826 Oct 08 j 22:53	0° ♁		conjunction		-10821 Oct 09 j 14:18	2° ♁ 59'19	0°03'31
	-10826 Dec 03 j 20:43	0° ♁		minimum elong		-10821 Oct 09 j 14:40	3° ♁ 00'02	0°04'02
	-10825 Jan 23 j 09:25	0° ♁		behind sun begin		-10821 Oct 08 j 12:09	2° ♁ 08'39	
asc. node	-10825 Feb 15 j 14:24	14° ♁ 19'19		behind sun end		-10821 Oct 10 j 17:11	3° ♁ 51'24	
	-10825 Mar 12 j 10:14	0° ♁		desc. node		-10821 Oct 14 j 03:23	6° ♁ 30'28	
evening set	-10825 Apr 23 j 16:09	27° ♁ 36'41				-10821 Nov 13 j 21:41	0° ♁	
	-10825 Apr 27 j 05:42	0° ♁		max. Earth dist.		-10821 Nov 20 j 17:12	5° ♁ 06'47	2.41308 AU
max. Earth dist.	-10825 May 12 j 10:56	10° ♁ 18'36	2.54349 AU	morning rise		-10821 Dec 12 j 13:00	21° ♁ 14'24	
	-10825 Jun 09 j 19:03	0° ♁				-10821 Dec 24 j 15:17	0° ♁	
						-10820 Feb 05 j 12:12	0° ♁	
conjunction	-10825 Jun 13 j 04:44	2° ♁ 24'30	1°02'01			-10820 Mar 21 j 23:06	0° ♁	
minimum elong	-10825 Jun 13 j 02:58	2° ♁ 21'22	1°01'58			-10820 May 09 j 18:32	0° ♁	
	-10825 Jul 21 j 07:03	0° ♁				-10820 Jul 04 j 16:18	0° ♁	
morning rise	-10825 Aug 04 j 13:22	10° ♁ 36'37		retrograde		-10820 Sep 06 j 13:14	18° ♁ 11'07	
	-10825 Aug 30 j 04:52	0° ♁		asc. node		-10820 Oct 08 j 03:25	11° ♁ 52'29	
	-10825 Oct 08 j 05:01	0° ♁		opposition		-10820 Oct 15 j 00:53	9° ♁ 13'55	0°17'10
	-10825 Nov 16 j 03:06	0° ♁		greatest brilliancy		-10820 Oct 15 j 01:45	9° ♁ 13'04	-1.5m
	-10825 Dec 25 j 21:47	0° ♁		min. Earth dist.		-10820 Oct 18 j 23:08	7° ♁ 41'18	0.63716 AU
desc. node	-10824 Jan 09 j 14:42	10° ♁ 46'06				-10820 Nov 14 j 06:54	30° ♁	
	-10824 Feb 05 j 17:28	0° ♁		direct		-10820 Nov 24 j 22:27	29° ♁ 15'10	
	-10824 Mar 22 j 13:46	0° ♁				-10820 Dec 05 j 22:17	0° ♁	
	-10824 May 19 j 15:46	0° ♁				-10819 Feb 18 j 23:09	0° ♁	
retrograde	-10824 Jun 27 j 19:07	8° ♁ 27'46				-10819 Apr 08 j 00:36	0° ♁	
min. Earth dist.	-10824 Aug 03 j 03:39	29° ♁ 57'44	0.63235 AU			-10819 May 20 j 15:40	0° ♁	

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Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10819 Jun 29 j 14:09	0°II		-10814 Jun 11 j 19:02	0°H	
	-10819 Aug 07 j 07:17	0°E		-10814 Jul 27 j 11:30	0°Y	
desc. node	-10819 Aug 31 j 01:39	18°E30'29		-10814 Sep 10 j 16:24	0°B	
	-10819 Sep 14 j 21:50	0°Q		-10814 Oct 26 j 03:25	0°II	
evening set	-10819 Oct 11 j 03:48	20°Q04'45		-10814 Dec 13 j 00:31	0°E	
	-10819 Oct 24 j 08:02	0°P		-10813 Feb 22 j 04:41	0°Q	
	-10819 Dec 04 j 07:11	0°L	retrograde	-10813 Mar 04 j 08:49	0°Q40'28	
				-10813 Mar 14 j 10:57	30°R	
conjunction	-10819 Dec 09 j 06:05	3°L32'11 -1°01'54	min. Earth dist.	-10813 Apr 01 j 14:40	25°E59'47	0.38903 AU
minimum elong	-10819 Dec 09 j 03:41	3°L27'55 1°01'52	opposition	-10813 Apr 05 j 06:46	24°E58'37	1°25'47
max. Earth dist.	-10818 Jan 13 j 19:34	28°L20'59 2.53511 AU	greatest brilliancy	-10813 Apr 05 j 03:56	25°E00'36	-2.9m
	-10818 Jan 16 j 05:33	0°M	desc. node	-10813 Apr 23 j 13:05	20°E43'32	
morning rise	-10818 Feb 03 j 05:01	12°M08'45	direct	-10813 May 05 j 14:27	19°E47'39	
	-10818 Mar 02 j 05:55	0°J		-10813 Jun 17 j 16:59	0°Q	
	-10818 Apr 18 j 06:15	0°B		-10813 Aug 13 j 11:40	0°P	
	-10818 Jun 06 j 11:58	0°A		-10813 Oct 01 j 00:37	0°L	
	-10818 Jul 30 j 03:32	0°H		-10813 Nov 17 j 08:14	0°M	
asc. node	-10818 Aug 26 j 03:03	12°H51'54		-10812 Jan 03 j 17:10	0°J	
retrograde	-10818 Oct 19 j 13:53	26°H45'43		-10812 Feb 20 j 02:57	0°B	
opposition	-10818 Nov 24 j 14:11	19°H00'28 3°54'24	evening set	-10812 Feb 27 j 11:21	4°B40'08	
greatest brilliancy	-10818 Nov 25 j 11:53	18°H40'28 -1.9m	max. Earth dist.	-10812 Apr 02 j 17:44	27°B14'13	2.64901 AU
min. Earth dist.	-10818 Dec 01 j 19:19	16°H20'56 0.55068 AU		-10812 Apr 07 j 00:25	0°A	
direct	-10817 Jan 03 j 06:29	9°H38'24				
	-10817 Mar 07 j 23:48	0°Y	conjunction	-10812 Apr 15 j 08:20	5°A23'49 -0°00'37	
	-10817 Apr 25 j 14:07	0°B	minimum elong	-10812 Apr 15 j 08:21	5°A23'50 0°01'09	
	-10817 Jun 06 j 15:35	0°II	behind sun begin	-10812 Apr 14 j 12:46	4°A52'04	
	-10817 Jul 16 j 13:14	0°E	behind sun end	-10812 Apr 16 j 03:56	5°A55'37	
desc. node	-10817 Jul 19 j 03:18	1°E57'56	asc. node	-10812 Apr 16 j 08:17	6°A02'40	
	-10817 Aug 25 j 01:23	0°Q		-10812 May 22 j 18:35	0°H	
	-10817 Oct 04 j 06:12	0°P	morning rise	-10812 Jun 01 j 06:49	6°H21'29	
	-10817 Nov 14 j 21:18	0°L		-10812 Jul 06 j 00:36	0°Y	
evening set	-10817 Dec 05 j 14:39	14°L28'43		-10812 Aug 17 j 18:38	0°B	
	-10817 Dec 28 j 07:22	0°M		-10812 Sep 28 j 08:05	0°II	
				-10812 Nov 08 j 06:58	0°E	
conjunction	-10816 Jan 27 j 03:35	19°M56'08 -1°12'28		-10812 Dec 19 j 15:16	0°Q	
minimum elong	-10816 Jan 27 j 04:21	19°M57'24 1°12'52		-10811 Feb 01 j 12:09	0°P	
	-10816 Feb 11 j 11:36	0°J	desc. node	-10811 Mar 10 j 13:14	21°P37'45	
max. Earth dist.	-10816 Feb 13 j 19:38	1°J31'23 2.62485 AU		-10811 Mar 29 j 03:02	0°L	
morning rise	-10816 Mar 17 j 02:51	22°J23'24	retrograde	-10811 May 02 j 06:28	7°L14'45	
	-10816 Mar 29 j 00:34	0°B	min. Earth dist.	-10811 May 31 j 17:36	1°L24'27 0.49274 AU	
	-10816 May 15 j 10:33	0°A		-10811 Jun 04 j 16:20	30°R	
	-10816 Jul 02 j 13:31	0°H	greatest brilliancy	-10811 Jun 07 j 08:24	29°P02'04	-2.2m
asc. node	-10816 Jul 12 j 21:46	6°H21'45	opposition	-10811 Jun 08 j 17:38	28°P32'08 -4°50'55	
	-10816 Aug 21 j 05:19	0°Y	direct	-10811 Jul 12 j 13:01	21°P25'04	
	-10816 Oct 15 j 16:35	0°B		-10811 Aug 21 j 16:51	0°L	
retrograde	-10816 Dec 16 j 16:42	17°B46'38		-10811 Oct 22 j 04:06	0°M	
opposition	-10815 Jan 17 j 22:29	11°B54'17 6°48'03		-10811 Dec 12 j 18:56	0°J	
greatest brilliancy	-10815 Jan 19 j 14:59	11°B23'09 -2.5m		-10810 Jan 30 j 23:41	0°B	
min. Earth dist.	-10815 Jan 25 j 04:30	9°B41'32 0.43095 AU	asc. node	-10810 Mar 04 j 06:17	20°B14'34	
direct	-10815 Feb 21 j 17:30	4°B57'18		-10810 Mar 19 j 12:56	0°A	
	-10815 May 02 j 16:14	0°II	evening set	-10810 Apr 07 j 06:04	12°A07'31	
desc. node	-10815 Jun 05 j 08:05	21°II19'32	max. Earth dist.	-10810 Apr 29 j 22:23	27°A06'35 2.58259 AU	
	-10815 Jun 18 j 02:54	0°E		-10810 May 04 j 05:59	0°H	
	-10815 Jul 30 j 21:43	0°Q				
	-10815 Sep 11 j 06:59	0°P	conjunction	-10810 May 26 j 10:37	15°H04'12 0°47'15	
	-10815 Oct 24 j 11:57	0°L	minimum elong	-10810 May 26 j 08:55	15°H01'16 0°47'03	
	-10815 Dec 08 j 00:39	0°M		-10810 Jun 16 j 22:06	0°Y	
evening set	-10814 Jan 18 j 12:17	27°M10'41	morning rise	-10810 Jul 15 j 07:54	20°Y16'49	
	-10814 Jan 22 j 20:54	0°J		-10810 Jul 28 j 15:52	0°B	
				-10810 Sep 06 j 21:03	0°II	
conjunction	-10814 Mar 08 j 10:20	28°J38'15 -0°45'42		-10810 Oct 16 j 04:56	0°E	
minimum elong	-10814 Mar 08 j 11:49	28°J40'38 0°46'17		-10810 Nov 24 j 11:09	0°Q	
max. Earth dist.	-10814 Mar 10 j 00:02	29°J38'32 2.66367 AU		-10809 Jan 03 j 16:14	0°P	
	-10814 Mar 10 j 13:27	0°B	desc. node	-10809 Jan 26 j 10:32	16°P18'39	
morning rise	-10814 Apr 24 j 14:01	28°B49'50		-10809 Feb 15 j 08:27	0°L	
	-10814 Apr 26 j 09:42	0°A		-10809 Apr 04 j 23:12	0°M	
asc. node	-10814 May 30 j 14:24	22°A04'23	retrograde	-10809 Jun 14 j 07:27	23°M37'54	

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Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

min. Earth dist.	-10809 Jul 18 j 22:00	15° \mathbb{M} 45'57	0.60289 AU	evening set	-10804 Sep 16 j 05:08	25° \mathfrak{D} 07'41	
opposition	-10809 Jul 23 j 22:38	13° \mathbb{M} 46'34	-5°18'58	desc. node	-10804 Sep 16 j 18:58	25° \mathfrak{D} 34'34	
greatest brilliancy	-10809 Jul 23 j 01:45	14° \mathbb{M} 07'16	-1.6m		-10804 Sep 22 j 11:49	0° \mathcal{O}	
direct	-10809 Aug 30 j 05:38	5° \mathbb{M} 06'45			-10804 Oct 31 j 18:15	0° \mathfrak{M}	
	-10809 Nov 16 j 02:15	0° \mathfrak{A}					
	-10808 Jan 09 j 19:22	0° \mathfrak{Z}		conjunction	-10804 Nov 16 j 20:10	11° \mathfrak{M} 58'45	-0°42'44
asc. node	-10808 Jan 20 j 08:05	6° \mathfrak{Z} 12'27		minimum elong	-10804 Nov 16 j 17:22	11° \mathfrak{M} 53'34	0°42'27
	-10808 Feb 28 j 04:49	0° \approx			-10804 Dec 11 j 13:51	0° \mathfrak{L}	
	-10808 Apr 14 j 11:06	0° \mathfrak{H}		max. Earth dist.	-10804 Dec 28 j 20:46	12° \mathfrak{L} 17'21	2.48874 AU
evening set	-10808 May 20 j 12:59	24° \mathfrak{H} 42'15		morning rise	-10803 Jan 15 j 00:04	24° \mathfrak{L} 13'30	
	-10808 May 28 j 01:21	0° \mathfrak{Y}			-10803 Jan 23 j 10:05	0° \mathbb{M}	
max. Earth dist.	-10808 Jun 05 j 14:51	6° \mathfrak{Y} 05'40	2.47324 AU		-10803 Mar 09 j 11:54	0° \mathfrak{A}	
	-10808 Jul 08 j 08:59	0° \mathfrak{B}			-10803 Apr 25 j 22:48	0° \mathfrak{Z}	
					-10803 Jun 15 j 16:08	0° \approx	
conjunction	-10808 Jul 13 j 05:32	3° \mathfrak{B} 37'09	1°13'07		-10803 Aug 14 j 23:02	0° \mathfrak{H}	
minimum elong	-10808 Jul 13 j 05:23	3° \mathfrak{B} 36'53	1°13'24	asc. node	-10803 Sep 11 j 19:24	8° \mathfrak{H} 48'37	
	-10808 Aug 16 j 23:46	0° \mathbb{I}		retrograde	-10803 Oct 01 j 13:53	11° \mathfrak{H} 02'34	
morning rise	-10808 Sep 09 j 02:25	17° \mathbb{I} 52'55		opposition	-10803 Nov 07 j 17:30	2° \mathfrak{H} 44'38	2°26'41
	-10808 Sep 24 j 15:47	0° \mathfrak{D}		greatest brilliancy	-10803 Nov 08 j 04:42	2° \mathfrak{H} 33'58	-1.7m
	-10808 Nov 02 j 05:30	0° \mathcal{O}		min. Earth dist.	-10803 Nov 13 j 18:25	0° \mathfrak{H} 26'30	0.59083 AU
	-10808 Dec 11 j 14:13	0° \mathfrak{M}			-10803 Nov 14 j 22:41	30° \mathfrak{R} \approx	
desc. node	-10808 Dec 13 j 05:28	1° \mathfrak{M} 13'25		direct	-10803 Dec 18 j 04:35	22° \approx 59'11	
	-10807 Jan 21 j 16:23	0° \mathfrak{L}			-10802 Jan 22 j 11:08	0° \mathfrak{H}	
	-10807 Mar 06 j 15:12	0° \mathbb{M}			-10802 Mar 22 j 03:51	0° \mathfrak{Y}	
	-10807 Apr 24 j 18:28	0° \mathfrak{A}			-10802 May 06 j 01:11	0° \mathfrak{B}	
	-10807 Jul 10 j 01:13	0° \mathfrak{Z}			-10802 Jun 15 j 22:00	0° \mathbb{I}	
retrograde	-10807 Jul 19 j 14:18	0° \mathfrak{Z} 34'12			-10802 Jul 25 j 04:07	0° \mathfrak{D}	
	-10807 Jul 28 j 20:04	30° \mathfrak{R} \mathfrak{A}		desc. node	-10802 Aug 04 j 19:49	8° \mathfrak{D} 12'27	
min. Earth dist.	-10807 Aug 27 j 06:34	21° \mathfrak{A} 15'03	0.65985 AU		-10802 Sep 02 j 04:48	0° \mathcal{O}	
opposition	-10807 Aug 28 j 12:35	20° \mathfrak{A} 44'49	-3°37'23		-10802 Oct 11 j 23:52	0° \mathfrak{M}	
greatest brilliancy	-10807 Aug 28 j 09:33	20° \mathfrak{A} 47'52	-1.4m	evening set	-10802 Nov 15 j 13:59	25° \mathfrak{M} 13'25	
direct	-10807 Oct 07 j 03:21	11° \mathfrak{A} 11'58			-10802 Nov 22 j 06:36	0° \mathfrak{L}	
asc. node	-10807 Dec 07 j 12:54	28° \mathfrak{A} 04'12			-10801 Jan 04 j 10:24	0° \mathbb{M}	
	-10807 Dec 11 j 17:14	0° \mathfrak{Z}					
	-10806 Feb 05 j 12:20	0° \approx		conjunction	-10801 Jan 09 j 09:22	3° \mathbb{M} 21'43	-1°14'05
	-10806 Mar 25 j 14:28	0° \mathfrak{H}		minimum elong	-10801 Jan 09 j 09:03	3° \mathbb{M} 21'12	1°14'22
	-10806 May 08 j 17:15	0° \mathfrak{Y}		max. Earth dist.	-10801 Feb 02 j 20:39	19° \mathbb{M} 43'54	2.59551 AU
	-10806 Jun 19 j 01:03	0° \mathfrak{B}			-10801 Feb 18 j 11:24	0° \mathfrak{A}	
evening set	-10806 Jul 14 j 00:30	18° \mathfrak{B} 53'00		morning rise	-10801 Mar 02 j 06:28	7° \mathfrak{A} 40'29	
	-10806 Jul 28 j 11:06	0° \mathbb{I}			-10801 Apr 06 j 02:27	0° \mathfrak{Z}	
	-10806 Sep 04 j 21:11	0° \mathfrak{D}			-10801 May 24 j 00:03	0° \approx	
					-10801 Jul 12 j 10:55	0° \mathfrak{H}	
conjunction	-10806 Sep 13 j 03:47	6° \mathfrak{D} 29'33	0°35'17	asc. node	-10801 Jul 30 j 16:08	10° \mathfrak{H} 37'47	
minimum elong	-10806 Sep 13 j 06:41	6° \mathfrak{D} 35'15	0°35'50		-10801 Sep 04 j 00:18	0° \mathfrak{Y}	
max. Earth dist.	-10806 Sep 22 j 09:07	13° \mathfrak{D} 43'26	2.38261 AU	retrograde	-10801 Nov 21 j 23:55	25° \mathfrak{Y} 48'28	
	-10806 Oct 13 j 05:29	0° \mathcal{O}		opposition	-10801 Dec 25 j 18:47	19° \mathfrak{Y} 07'51	6°03'11
desc. node	-10806 Oct 30 j 22:45	13° \mathcal{O} 41'42		greatest brilliancy	-10801 Dec 27 j 09:18	18° \mathfrak{Y} 35'16	-2.2m
morning rise	-10806 Nov 17 j 06:47	26° \mathcal{O} 54'34		min. Earth dist.	-10800 Jan 02 j 20:19	16° \mathfrak{Y} 25'05	0.47763 AU
	-10806 Nov 21 j 09:01	0° \mathfrak{M}		direct	-10800 Feb 01 j 00:42	10° \mathfrak{Y} 58'14	
	-10805 Jan 01 j 02:30	0° \mathfrak{L}			-10800 Mar 31 j 16:07	0° \mathfrak{B}	
	-10805 Feb 13 j 01:47	0° \mathbb{M}			-10800 May 18 j 17:14	0° \mathbb{I}	
	-10805 Mar 30 j 22:55	0° \mathfrak{A}		desc. node	-10800 Jun 21 j 23:31	24° \mathbb{I} 13'54	
	-10805 May 20 j 07:47	0° \mathfrak{Z}			-10800 Jun 29 j 22:01	0° \mathfrak{D}	
	-10805 Jul 25 j 10:29	0° \approx			-10800 Aug 09 j 19:25	0° \mathcal{O}	
retrograde	-10805 Aug 23 j 23:55	4° \approx 46'51			-10800 Sep 20 j 00:31	0° \mathfrak{M}	
	-10805 Sep 20 j 03:17	30° \mathfrak{R} \mathfrak{Z}			-10800 Nov 01 j 09:54	0° \mathfrak{L}	
opposition	-10805 Oct 02 j 02:14	25° \mathfrak{Z} 30'16	-0°57'03		-10800 Dec 15 j 09:13	0° \mathbb{M}	
greatest brilliancy	-10805 Oct 02 j 04:39	25° \mathfrak{Z} 27'52	-1.4m	evening set	-10799 Jan 01 j 22:45	11° \mathbb{M} 41'24	
min. Earth dist.	-10805 Oct 04 j 13:59	24° \mathfrak{Z} 30'50	0.65549 AU		-10799 Jan 29 j 21:07	0° \mathfrak{A}	
asc. node	-10805 Oct 25 j 17:34	17° \mathfrak{Z} 28'48					
direct	-10805 Nov 11 j 21:36	15° \mathfrak{Z} 32'31		conjunction	-10799 Feb 20 j 22:17	14° \mathfrak{A} 15'58	-0°59'07
	-10804 Jan 05 j 23:47	0° \approx		minimum elong	-10799 Feb 20 j 23:49	14° \mathfrak{A} 18'27	0°59'39
	-10804 Mar 01 j 17:16	0° \mathfrak{H}		max. Earth dist.	-10799 Feb 28 j 15:15	19° \mathfrak{A} 13'23	2.65488 AU
	-10804 Apr 16 j 20:15	0° \mathfrak{Y}			-10799 Mar 17 j 10:41	0° \mathfrak{Z}	
	-10804 May 28 j 20:22	0° \mathfrak{B}		morning rise	-10799 Apr 09 j 20:32	14° \mathfrak{Z} 57'21	
	-10804 Jul 07 j 12:15	0° \mathbb{I}			-10799 May 03 j 10:19	0° \approx	
	-10804 Aug 15 j 01:03	0° \mathfrak{D}		asc. node	-10799 Jun 16 j 09:04	28° \approx 07'01	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10799 Jun 19 j 07:33	0° H		direct	-10794 Aug 12 j 22:56	19° A 36'42	
	-10799 Aug 05 j 01:18	0° Y			-10794 Sep 27 j 09:03	0° M	
	-10799 Sep 21 j 07:13	0° B			-10794 Nov 27 j 11:09	0° A	
	-10799 Nov 10 j 06:09	0° II			-10793 Jan 18 j 03:29	0° B	
	-10798 Jan 24 j 07:37	0° B		asc. node	-10793 Feb 05 j 21:59	11° B 25'32	
retrograde	-10798 Feb 02 j 02:11	0° B 29'26			-10793 Mar 07 j 14:47	0° \approx	
	-10798 Feb 10 j 21:20	30° R II			-10793 Apr 22 j 14:11	0° H	
opposition	-10798 Mar 04 j 20:55	25° II 21'38	4°53'30	evening set	-10793 May 03 j 11:06	7° H 20'00	
greatest brilliancy	-10798 Mar 05 j 08:01	25° II 14'09	-2.9m	max. Earth dist.	-10793 May 20 j 16:01	19° H 08'25	2.51971 AU
min. Earth dist.	-10798 Mar 06 j 08:23	24° II 57'44	0.38461 AU		-10793 Jun 05 j 04:19	0° Y	
direct	-10798 Apr 04 j 19:37	20° II 06'25					
desc. node	-10798 May 10 j 04:09	27° II 30'35		conjunction	-10793 Jun 23 j 22:23	13° Y 23'58	1°08'10
	-10798 May 16 j 07:48	0° B		minimum elong	-10793 Jun 23 j 20:56	13° Y 21'21	1°08'15
	-10798 Jul 10 j 10:18	0° Ω			-10793 Jul 16 j 14:59	0° B	
	-10798 Aug 26 j 01:56	0° M		morning rise	-10793 Aug 17 j 00:29	23° B 35'00	
	-10798 Oct 10 j 13:07	0° A			-10793 Aug 25 j 10:19	0° II	
	-10798 Nov 25 j 09:54	0° M			-10793 Oct 03 j 07:07	0° B	
	-10797 Jan 11 j 00:33	0° A			-10793 Nov 11 j 01:26	0° Ω	
evening set	-10797 Feb 12 j 06:14	20° A 33'47			-10793 Dec 20 j 15:19	0° M	
	-10797 Feb 27 j 01:36	0° B		desc. node	-10793 Dec 31 j 00:38	7° M 41'01	
max. Earth dist.	-10797 Mar 25 j 01:01	16° B 35'50	2.66118 AU		-10792 Jan 31 j 02:06	0° A	
					-10792 Mar 15 j 23:27	0° M	
conjunction	-10797 Apr 01 j 06:13	21° B 13'37	-0°19'17		-10792 May 07 j 21:19	0° A	
minimum elong	-10797 Apr 01 j 06:58	21° B 14'50	0°19'52	retrograde	-10792 Jul 05 j 21:30	16° A 59'21	
	-10797 Apr 14 j 21:15	0° \approx		min. Earth dist.	-10792 Aug 12 j 02:54	8° A 10'18	0.64470 AU
asc. node	-10797 May 04 j 01:40	12° \approx 26'27		opposition	-10792 Aug 14 j 20:20	7° A 04'29	-4°25'36
morning rise	-10797 May 17 j 22:42	21° \approx 30'56		greatest brilliancy	-10792 Aug 14 j 11:17	7° A 13'36	-1.4m
	-10797 May 30 j 19:39	0° H			-10792 Sep 04 j 12:02	30° R M	
	-10797 Jul 14 j 12:15	0° Y		direct	-10792 Sep 22 j 15:57	27° M 48'52	
	-10797 Aug 26 j 23:20	0° B			-10792 Oct 12 j 04:20	0° A	
	-10797 Oct 08 j 12:51	0° II			-10792 Dec 23 j 22:45	0° B	
	-10797 Nov 19 j 20:49	0° B		asc. node	-10792 Dec 24 j 02:15	0° B 04'40	
	-10796 Jan 02 j 11:41	0° Ω			-10791 Feb 14 j 02:57	0° \approx	
	-10796 Feb 21 j 20:43	0° M			-10791 Apr 02 j 06:42	0° H	
desc. node	-10796 Mar 27 j 08:09	12° M 42'44			-10791 May 16 j 03:02	0° Y	
retrograde	-10796 Apr 11 j 16:59	14° M 20'32		evening set	-10791 Jun 21 j 06:11	26° Y 10'03	
min. Earth dist.	-10796 May 09 j 12:04	9° M 16'33	0.44359 AU		-10791 Jun 26 j 09:57	0° B	
greatest brilliancy	-10796 May 16 j 07:46	7° M 01'21	-2.5m	max. Earth dist.	-10791 Jul 17 j 21:09	16° B 11'06	2.40256 AU
opposition	-10796 May 17 j 08:26	6° M 40'53	-3°20'27		-10791 Aug 04 j 21:10	0° II	
direct	-10796 Jun 18 j 11:53	0° M 23'24					
	-10796 Sep 10 j 12:29	0° A		conjunction	-10791 Aug 18 j 11:40	10° II 33'20	0°59'29
	-10796 Nov 01 j 15:26	0° M		minimum elong	-10791 Aug 18 j 14:34	10° II 38'59	1°00'01
	-10796 Dec 20 j 23:36	0° A			-10791 Sep 12 j 08:37	0° B	
	-10795 Feb 07 j 06:57	0° B			-10791 Oct 20 j 17:50	0° Ω	
asc. node	-10795 Mar 20 j 21:26	26° B 23'07		morning rise	-10791 Oct 21 j 03:52	0° Ω 19'29	
evening set	-10795 Mar 22 j 13:53	27° B 28'06		desc. node	-10791 Nov 16 j 18:37	20° Ω 48'29	
	-10795 Mar 26 j 12:14	0° \approx			-10791 Nov 28 j 21:55	0° M	
max. Earth dist.	-10795 Apr 18 j 20:57	15° \approx 11'59	2.61443 AU		-10790 Jan 08 j 16:33	0° A	
					-10790 Feb 20 j 20:45	0° M	
conjunction	-10795 May 09 j 22:38	29° \approx 09'55	0°29'35		-10790 Apr 08 j 11:19	0° A	
minimum elong	-10795 May 09 j 21:28	29° \approx 07'58	0°29'13		-10790 May 31 j 17:30	0° B	
	-10795 May 11 j 04:34	0° H		retrograde	-10790 Aug 10 j 01:39	21° B 40'44	
	-10795 Jun 24 j 00:56	0° Y		opposition	-10790 Sep 18 j 14:28	12° B 08'32	-2°04'44
morning rise	-10795 Jun 27 j 04:20	2° Y 11'59		greatest brilliancy	-10790 Sep 18 j 16:51	12° B 06'08	-1.4m
	-10795 Aug 05 j 02:22	0° B		min. Earth dist.	-10790 Sep 19 j 15:29	11° B 43'27	0.66453 AU
	-10795 Sep 14 j 17:34	0° II		direct	-10790 Oct 29 j 02:00	2° B 17'08	
	-10795 Oct 24 j 12:43	0° B		asc. node	-10790 Nov 11 j 07:51	3° B 19'56	
	-10795 Dec 03 j 07:43	0° Ω			-10789 Jan 19 j 19:07	0° \approx	
	-10794 Jan 13 j 07:08	0° M			-10789 Mar 11 j 23:10	0° H	
desc. node	-10794 Feb 12 j 06:23	20° M 39'58			-10789 Apr 26 j 00:38	0° Y	
	-10794 Feb 26 j 16:11	0° A			-10789 Jun 06 j 16:04	0° B	
	-10794 Apr 24 j 14:04	0° M			-10789 Jul 16 j 04:33	0° II	
retrograde	-10794 May 29 j 19:32	7° M 22'29		evening set	-10789 Aug 22 j 06:49	28° II 56'14	
min. Earth dist.	-10794 Jul 01 j 11:12	0° M 14'46	0.56465 AU		-10789 Aug 23 j 15:20	0° B	
	-10794 Jul 02 j 02:41	30° R A			-10789 Oct 01 j 00:06	0° Ω	
opposition	-10794 Jul 07 j 21:17	27° A 45'53	-5°31'32	desc. node	-10789 Oct 04 j 13:38	2° Ω 45'51	
greatest brilliancy	-10794 Jul 06 j 16:58	28° A 13'21	-1.8m				

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

conjunction	-10789 Oct 24 j 05:59	17°Ω55'02	-0°14'51		-10784 Oct 04 j 13:48	0°♄	
minimum elong	-10789 Oct 24 j 04:43	17°Ω52'36	0°14'24		-10784 Dec 13 j 03:54	0°♄	
behind sun begin	-10789 Oct 23 j 16:23	17°Ω29'03		retrograde	-10783 Jan 02 j 02:37	2°♄18'58	
behind sun end	-10789 Oct 24 j 17:02	18°Ω16'08			-10783 Jan 21 j 13:30	30°♄	
	-10789 Nov 09 j 04:15	0°♄		opposition	-10783 Feb 02 j 10:46	26°♄50'55	6°39'56
max. Earth dist.	-10789 Dec 08 j 10:34	21°♄41'57	2.43931 AU	greatest brilliancy	-10783 Feb 03 j 21:27	26°♄25'52	-2.7m
	-10789 Dec 19 j 21:30	0°♄		min. Earth dist.	-10783 Feb 08 j 08:37	25°♄08'50	0.40912 AU
morning rise	-10789 Dec 25 j 16:23	4°♄08'57		direct	-10783 Mar 07 j 18:31	20°♄37'04	
	-10788 Jan 31 j 16:51	0°♄			-10783 Apr 16 j 10:34	0°♄	
	-10788 Mar 16 j 22:27	0°♄		desc. node	-10783 May 26 j 21:28	21°♄35'44	
	-10788 May 04 j 02:13	0°♄			-10783 Jun 09 j 07:08	0°♄	
	-10788 Jun 26 j 08:50	0°♄			-10783 Jul 24 j 01:39	0°♄	
retrograde	-10788 Sep 15 j 07:22	26°♄31'48			-10783 Sep 05 j 10:50	0°♄	
asc. node	-10788 Sep 28 j 11:28	25°♄24'32			-10783 Oct 19 j 05:48	0°♄	
opposition	-10788 Oct 23 j 08:46	17°♄47'08	1°02'53		-10783 Dec 03 j 03:12	0°♄	
greatest brilliancy	-10788 Oct 23 j 12:27	17°♄43'34	-1.6m		-10782 Jan 18 j 04:22	0°♄	
min. Earth dist.	-10788 Oct 28 j 01:38	15°♄57'08	0.62312 AU	evening set	-10782 Jan 27 j 16:46	6°♄07'34	
direct	-10788 Dec 03 j 04:45	7°♄50'24			-10782 Mar 05 j 23:13	0°♄	
	-10787 Feb 10 j 19:34	0°♄		max. Earth dist.	-10782 Mar 15 j 13:49	6°♄08'38	2.66509 AU
	-10787 Apr 02 j 00:02	0°♄					
	-10787 May 15 j 05:47	0°♄		conjunction	-10782 Mar 17 j 04:38	7°♄10'40	-0°36'36
	-10787 Jun 24 j 10:47	0°♄		minimum elong	-10782 Mar 17 j 05:56	7°♄12'45	0°37'10
	-10787 Aug 02 j 07:29	0°♄			-10782 Apr 21 j 18:52	0°♄	
desc. node	-10787 Aug 21 j 11:47	14°♄53'46		morning rise	-10782 May 03 j 01:33	7°♄16'27	
	-10787 Sep 10 j 00:39	0°♄		asc. node	-10782 May 20 j 19:45	18°♄47'12	
	-10787 Oct 19 j 13:05	0°♄			-10782 Jun 06 j 23:50	0°♄	
evening set	-10787 Oct 24 j 14:37	3°♄46'19			-10782 Jul 22 j 06:41	0°♄	
	-10787 Nov 29 j 13:53	0°♄			-10782 Sep 04 j 17:34	0°♄	
					-10782 Oct 18 j 20:25	0°♄	
conjunction	-10787 Dec 21 j 02:39	15°♄12'33	-1°08'43		-10782 Dec 02 j 19:00	0°♄	
minimum elong	-10787 Dec 21 j 00:57	15°♄09'36	1°08'50		-10781 Jan 21 j 19:49	0°♄	
	-10786 Jan 11 j 13:13	0°♄		retrograde	-10781 Mar 19 j 18:16	17°♄37'37	
max. Earth dist.	-10786 Jan 21 j 14:35	6°♄49'24	2.55873 AU	desc. node	-10781 Apr 14 j 00:44	13°♄35'56	
morning rise	-10786 Feb 13 j 10:35	22°♄03'45		min. Earth dist.	-10781 Apr 16 j 04:23	12°♄59'04	0.40328 AU
	-10786 Feb 25 j 12:39	0°♄		opposition	-10781 Apr 21 j 23:30	11°♄16'13	-0°36'05
	-10786 Apr 13 j 08:13	0°♄		greatest brilliancy	-10781 Apr 21 j 19:44	11°♄19'00	-2.8m
	-10786 May 31 j 23:10	0°♄		direct	-10781 May 22 j 19:28	5°♄46'38	
	-10786 Jul 22 j 14:00	0°♄			-10781 Aug 03 j 09:42	0°♄	
asc. node	-10786 Aug 16 j 09:54	13°♄07'10			-10781 Sep 24 j 07:22	0°♄	
	-10786 Sep 24 j 11:50	0°♄			-10781 Nov 11 j 19:56	0°♄	
retrograde	-10786 Oct 30 j 19:58	6°♄52'33			-10781 Dec 29 j 18:09	0°♄	
	-10786 Dec 03 j 14:37	30°♄			-10780 Feb 15 j 10:25	0°♄	
opposition	-10786 Dec 05 j 02:22	29°♄28'03	4°43'57	evening set	-10780 Mar 07 j 05:40	13°♄12'09	
greatest brilliancy	-10786 Dec 06 j 06:38	29°♄02'35	-2.0m		-10780 Apr 02 j 10:18	0°♄	
min. Earth dist.	-10786 Dec 12 j 18:50	26°♄42'11	0.52600 AU	asc. node	-10780 Apr 06 j 14:29	2°♄41'57	
direct	-10785 Jan 13 j 02:22	20°♄25'36		max. Earth dist.	-10780 Apr 08 j 13:48	3°♄58'36	2.63892 AU
	-10785 Feb 22 j 22:36	0°♄					
	-10785 Apr 18 j 02:59	0°♄		conjunction	-10780 Apr 24 j 04:27	14°♄09'00	0°10'34
	-10785 May 31 j 10:29	0°♄		minimum elong	-10780 Apr 24 j 04:02	14°♄08'19	0°10'05
desc. node	-10785 Jul 09 j 15:59	29°♄04'06		behind sun begin	-10780 Apr 23 j 12:27	13°♄42'50	
	-10785 Jul 10 j 21:44	0°♄		behind sun end	-10780 Apr 24 j 19:37	14°♄33'50	
	-10785 Aug 19 j 18:21	0°♄			-10780 May 18 j 03:49	0°♄	
	-10785 Sep 29 j 05:28	0°♄		morning rise	-10780 Jun 10 j 10:20	15°♄40'58	
	-10785 Nov 10 j 01:07	0°♄			-10780 Jul 01 j 06:33	0°♄	
evening set	-10785 Dec 16 j 08:16	25°♄05'03			-10780 Aug 12 j 18:21	0°♄	
	-10785 Dec 23 j 14:30	0°♄			-10780 Sep 22 j 23:02	0°♄	
					-10780 Nov 02 j 10:03	0°♄	
conjunction	-10784 Feb 05 j 19:59	29°♄20'13	-1°08'52		-10780 Dec 13 j 00:50	0°♄	
minimum elong	-10784 Feb 05 j 21:10	29°♄22'10	1°09'21		-10779 Jan 24 j 09:44	0°♄	
	-10784 Feb 06 j 20:22	0°♄		desc. node	-10779 Mar 01 j 00:58	22°♄45'14	
max. Earth dist.	-10784 Feb 19 j 20:50	8°♄27'45	2.63788 AU		-10779 Mar 13 j 21:55	0°♄	
	-10784 Mar 24 j 08:47	0°♄		retrograde	-10779 May 12 j 20:35	19°♄09'43	
morning rise	-10784 Mar 25 j 22:27	1°♄00'10		min. Earth dist.	-10779 Jun 12 j 10:05	12°♄51'28	0.51955 AU
	-10784 May 10 j 14:00	0°♄		greatest brilliancy	-10779 Jun 18 j 15:11	10°♄33'24	-2.0m
	-10784 Jun 27 j 04:02	0°♄		opposition	-10779 Jun 20 j 00:23	10°♄02'28	-5°17'13
asc. node	-10784 Jul 03 j 03:35	3°♄44'58		direct	-10779 Jul 24 j 16:51	2°♄31'01	
	-10784 Aug 14 j 11:53	0°♄			-10779 Oct 14 j 07:21	0°♄	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10779 Dec 07 j 01:23	0°♊					-10774 Oct 08 j 11:35	0°♊	
	-10778 Jan 25 j 23:34	0°♋		desc. node			-10774 Oct 21 j 08:58	9°♊59'05	
asc. node	-10778 Feb 22 j 13:10	17°♋08'04		max. Earth dist.			-10774 Nov 01 j 04:17	18°♊17'13	2.39501 AU
	-10778 Mar 14 j 19:51	0°♌					-10774 Nov 16 j 14:21	0°♍	
evening set	-10778 Apr 16 j 13:39	21°♌18'03		morning rise			-10774 Dec 01 j 21:34	11°♍26'56	
	-10778 Apr 29 j 15:06	0°♍					-10774 Dec 27 j 06:32	0°♎	
max. Earth dist.	-10778 May 07 j 01:22	5°♍00'06	2.56176 AU				-10773 Feb 08 j 02:47	0°♏	
							-10773 Mar 25 j 15:49	0°♐	
conjunction	-10778 Jun 05 j 10:17	25°♍11'31	0°56'13				-10773 May 13 j 22:46	0°♑	
minimum elong	-10778 Jun 05 j 08:28	25°♍08'19	0°56'07				-10773 Jul 11 j 10:24	0°♒	
	-10778 Jun 12 j 06:47	0°♎		retrograde			-10773 Sep 01 j 07:07	12°♒51'41	
	-10778 Jul 23 j 22:09	0°♏		opposition			-10773 Oct 10 j 01:20	3°♒45'24	-0°14'47
morning rise	-10778 Jul 26 j 13:25	1°♏56'33		greatest brilliancy			-10773 Oct 10 j 02:15	3°♒44'30	-1.5m
	-10778 Sep 01 j 23:53	0°♐		min. Earth dist.			-10773 Oct 13 j 08:14	2°♒27'21	0.64658 AU
	-10778 Oct 11 j 03:34	0°♑		asc. node			-10773 Oct 16 j 01:55	1°♒23'03	
	-10778 Nov 19 j 04:44	0°♒					-10773 Oct 19 j 17:33	30°♒3	
	-10778 Dec 29 j 02:46	0°♓		direct			-10773 Nov 19 j 22:15	23°♓46'15	
desc. node	-10777 Jan 16 j 21:23	13°♓39'13					-10773 Dec 23 j 20:42	0°♔	
	-10777 Feb 09 j 04:15	0°♔					-10772 Feb 24 j 03:06	0°♕	
	-10777 Mar 27 j 19:46	0°♕					-10772 Apr 11 j 08:06	0°♖	
	-10777 Jun 01 j 21:02	0°♊					-10772 May 23 j 17:22	0°♗	
retrograde	-10777 Jun 22 j 18:12	2°♊41'08					-10772 Jul 02 j 13:38	0°♘	
	-10777 Jul 12 j 08:33	30°♕♌					-10772 Aug 10 j 04:55	0°♙	
min. Earth dist.	-10777 Jul 28 j 08:20	24°♌27'10	0.62018 AU	desc. node			-10772 Sep 07 j 06:53	21°♙54'28	
opposition	-10777 Aug 01 j 13:13	22°♌46'27	-5°03'28				-10772 Sep 17 j 17:13	0°♑	
greatest brilliancy	-10777 Jul 31 j 20:44	23°♌02'55	-1.5m	evening set			-10772 Sep 30 j 11:47	9°♑50'36	
direct	-10777 Sep 08 j 10:01	13°♌52'31					-10772 Oct 27 j 00:49	0°♒	
	-10777 Nov 07 j 00:56	0°♊							
	-10776 Jan 03 j 22:24	0°♋		conjunction			-10772 Nov 29 j 19:56	24°♒55'16	-0°54'47
asc. node	-10776 Jan 10 j 16:29	3°♋52'31		minimum elong			-10772 Nov 29 j 17:11	24°♒50'17	0°54'38
	-10776 Feb 23 j 03:29	0°♌					-10772 Dec 06 j 21:00	0°♎	
	-10776 Apr 09 j 16:50	0°♍		max. Earth dist.			-10771 Jan 07 j 09:23	22°♎13'12	2.51477 AU
	-10776 May 23 j 09:28	0°♎					-10771 Jan 18 j 16:52	0°♏	
evening set	-10776 May 31 j 12:38	5°♎47'04		morning rise			-10771 Jan 26 j 04:45	5°♏06'01	
max. Earth dist.	-10776 Jun 17 j 19:47	18°♎17'16	2.44650 AU				-10771 Mar 04 j 16:15	0°♐	
	-10776 Jul 03 j 16:54	0°♏					-10771 Apr 20 j 19:27	0°♑	
							-10771 Jun 09 j 13:00	0°♒	
conjunction	-10776 Jul 25 j 17:47	16°♏34'57	1°11'35				-10771 Aug 04 j 03:38	0°♓	
minimum elong	-10776 Jul 25 j 18:47	16°♏36'50	1°11'58	asc. node			-10771 Sep 02 j 02:15	12°♓18'04	
	-10776 Aug 12 j 06:22	0°♐		retrograde			-10771 Oct 11 j 14:48	20°♓15'47	
	-10776 Sep 19 j 20:31	0°♑		opposition			-10771 Nov 17 j 03:30	12°♓15'02	3°16'34
morning rise	-10776 Sep 23 j 21:54	3°♑10'20		greatest brilliancy			-10771 Nov 17 j 20:21	11°♓59'13	-1.8m
	-10776 Oct 28 j 08:03	0°♒		min. Earth dist.			-10771 Nov 23 j 20:27	9°♓44'03	0.56962 AU
desc. node	-10776 Dec 03 j 14:01	27°♒44'02		direct			-10771 Dec 27 j 05:08	2°♓40'31	
	-10776 Dec 06 j 14:20	0°♓					-10770 Mar 14 j 01:47	0°♔	
	-10775 Jan 16 j 12:24	0°♔					-10770 Apr 29 j 18:37	0°♕	
	-10775 Mar 01 j 01:40	0°♕					-10770 Jun 10 j 06:37	0°♖	
	-10775 Apr 17 j 22:18	0°♊					-10770 Jul 19 j 20:53	0°♗	
retrograde	-10775 Jun 16 j 23:34	0°♋		desc. node			-10770 Jul 26 j 07:57	4°♗56'45	
	-10775 Jul 27 j 10:33	8°♋36'01					-10770 Aug 28 j 03:01	0°♌	
	-10775 Sep 02 j 10:14	30°♕♊					-10770 Oct 07 j 02:27	0°♍	
opposition	-10775 Sep 05 j 06:10	28°♊51'44	-3°05'30				-10770 Nov 17 j 12:28	0°♎	
greatest brilliancy	-10775 Sep 05 j 05:44	28°♊52'11	-1.4m	evening set			-10770 Nov 27 j 04:55	6°♎50'06	
min. Earth dist.	-10775 Sep 04 j 19:55	29°♊02'04	0.66423 AU				-10770 Dec 30 j 18:22	0°♏	
direct	-10775 Oct 15 j 05:11	19°♊11'11							
asc. node	-10775 Nov 27 j 21:53	28°♊40'01		conjunction			-10769 Jan 19 j 17:02	13°♌25'05	-1°13'52
	-10775 Dec 01 j 08:31	0°♋		minimum elong			-10769 Jan 19 j 17:24	13°♌25'42	1°14'14
	-10774 Jan 30 j 10:21	0°♌		max. Earth dist.			-10769 Feb 09 j 08:14	27°♌03'40	2.61262 AU
	-10774 Mar 20 j 09:55	0°♍					-10769 Feb 13 j 19:54	0°♐	
	-10774 May 03 j 20:25	0°♎		morning rise			-10769 Mar 11 j 11:27	16°♐37'54	
	-10774 Jun 14 j 06:59	0°♏					-10769 Apr 01 j 08:49	0°♑	
	-10774 Jul 23 j 17:55	0°♐					-10769 May 18 j 22:48	0°♒	
evening set	-10774 Jul 27 j 17:37	3°♐05'20					-10769 Jul 06 j 13:37	0°♓	
	-10774 Aug 31 j 03:54	0°♑		asc. node			-10769 Jul 20 j 21:33	8°♓38'49	
							-10769 Aug 26 j 13:17	0°♔	
conjunction	-10774 Sep 28 j 02:13	21°♑53'54	0°17'43				-10769 Oct 27 j 06:58	0°♕	
minimum elong	-10774 Sep 28 j 03:53	21°♑57'10	0°18'16	retrograde			-10769 Dec 05 j 23:13	8°♕11'55	

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Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

opposition	-10768 Jan 07 j 22:34	1°♄57'42	6°34'46	asc. node	-10763 Mar 11 j 05:06	23°♄09'42	
greatest brilliancy	-10768 Jan 09 j 15:52	1°♄24'26	-2.4m		-10763 Mar 21 j 21:19	0°♄	
	-10768 Jan 14 j 01:10	30°♄		evening set	-10763 Mar 31 j 11:56	6°♄12'12	
min. Earth dist.	-10768 Jan 15 j 19:08	29°♄27'07	0.45129 AU	max. Earth dist.	-10763 Apr 25 j 05:41	22°♄24'48	2.59784 AU
direct	-10768 Feb 12 j 21:52	24°♄26'14			-10763 May 06 j 14:56	0°♄	
	-10768 Mar 13 j 17:32	0°♄					
	-10768 May 09 j 23:28	0°♄		conjunction	-10763 May 19 j 06:12	8°♄31'06	0°40'00
desc. node	-10768 Jun 12 j 12:19	22°♄35'14		minimum elong	-10763 May 19 j 04:41	8°♄28'31	0°39'43
	-10768 Jun 23 j 01:12	0°♄			-10763 Jun 19 j 09:57	0°♄	
	-10768 Aug 03 j 19:54	0°♄		morning rise	-10763 Jul 07 j 07:22	12°♄39'19	
	-10768 Sep 14 j 14:19	0°♄			-10763 Jul 31 j 07:50	0°♄	
	-10768 Oct 27 j 08:46	0°♄			-10763 Sep 09 j 17:46	0°♄	
	-10768 Dec 10 j 14:05	0°♄			-10763 Oct 19 j 06:29	0°♄	
evening set	-10767 Jan 11 j 13:21	21°♄05'45			-10763 Nov 27 j 17:17	0°♄	
	-10767 Jan 25 j 05:32	0°♄			-10762 Jan 07 j 04:16	0°♄	
				desc. node	-10762 Feb 02 j 16:04	18°♄44'42	
conjunction	-10767 Mar 01 j 21:43	22°♄59'38	-0°51'42		-10762 Feb 19 j 08:32	0°♄	
minimum elong	-10767 Mar 01 j 23:17	23°♄02'08	0°52'16		-10762 Apr 11 j 00:13	0°♄	
max. Earth dist.	-10767 Mar 06 j 05:35	25°♄46'01	2.66074 AU	retrograde	-10762 Jun 07 j 21:38	17°♄18'30	
	-10767 Mar 12 j 20:15	0°♄		min. Earth dist.	-10762 Jul 11 j 15:45	9°♄45'05	0.58688 AU
morning rise	-10767 Apr 18 j 08:32	23°♄21'09		greatest brilliancy	-10762 Jul 16 j 06:53	7°♄55'59	-1.7m
	-10767 Apr 28 j 17:41	0°♄		opposition	-10762 Jul 17 j 07:13	7°♄32'03	-5°27'05
asc. node	-10767 Jun 06 j 14:19	24°♄59'36			-10762 Aug 11 j 08:35	30°♄	
	-10767 Jun 14 j 08:06	0°♄		direct	-10762 Aug 23 j 01:09	29°♄05'00	
	-10767 Jul 30 j 10:59	0°♄			-10762 Sep 04 j 07:03	0°♄	
	-10767 Sep 14 j 10:29	0°♄			-10762 Nov 20 j 10:49	0°♄	
	-10767 Oct 31 j 09:40	0°♄			-10761 Jan 12 j 17:36	0°♄	
	-10767 Dec 22 j 11:00	0°♄		asc. node	-10761 Jan 27 j 06:05	8°♄41'23	
retrograde	-10766 Feb 19 j 12:05	17°♄49'46			-10761 Mar 02 j 17:47	0°♄	
min. Earth dist.	-10766 Mar 21 j 05:09	12°♄53'55	0.38339 AU		-10761 Apr 17 j 22:08	0°♄	
opposition	-10766 Mar 22 j 16:04	12°♄30'24	3°02'42	evening set	-10761 May 13 j 14:17	17°♄26'42	
greatest brilliancy	-10766 Mar 22 j 16:04	12°♄30'24	-2.9m	max. Earth dist.	-10761 May 29 j 21:57	28°♄50'02	2.49456 AU
direct	-10766 Apr 21 j 23:00	7°♄24'43			-10761 May 31 j 13:37	0°♄	
desc. node	-10766 Apr 30 j 17:26	7°♄54'08					
	-10766 Jun 29 j 04:11	0°♄		conjunction	-10761 Jul 05 j 04:44	24°♄59'10	1°12'01
	-10766 Aug 18 j 17:28	0°♄		minimum elong	-10761 Jul 05 j 03:55	24°♄57'40	1°12'14
	-10766 Oct 04 j 15:34	0°♄			-10761 Jul 11 j 23:36	0°♄	
	-10766 Nov 20 j 05:21	0°♄			-10761 Aug 20 j 17:04	0°♄	
	-10765 Jan 06 j 05:02	0°♄		morning rise	-10761 Aug 30 j 06:58	7°♄22'01	
evening set	-10765 Feb 21 j 00:47	29°♄06'07			-10761 Sep 28 j 11:28	0°♄	
	-10765 Feb 22 j 10:41	0°♄			-10761 Nov 06 j 02:44	0°♄	
max. Earth dist.	-10765 Mar 30 j 15:22	23°♄07'32	2.65545 AU		-10761 Dec 15 j 12:38	0°♄	
				desc. node	-10761 Dec 21 j 11:42	4°♄26'32	
conjunction	-10765 Apr 09 j 22:06	29°♄44'53	-0°08'36		-10760 Jan 25 j 16:38	0°♄	
minimum elong	-10765 Apr 09 j 22:28	29°♄45'28	0°09'08		-10760 Mar 09 j 21:19	0°♄	
behind sun begin	-10765 Apr 09 j 06:09	29°♄19'09			-10760 Apr 29 j 02:01	0°♄	
behind sun end	-10765 Apr 10 j 14:47	0°♄11'48		retrograde	-10760 Jul 13 j 20:47	25°♄18'13	
	-10765 Apr 10 j 07:29	0°♄		min. Earth dist.	-10760 Aug 20 j 21:29	16°♄11'52	0.65424 AU
asc. node	-10765 Apr 24 j 07:43	9°♄04'46		opposition	-10760 Aug 22 j 19:17	15°♄25'41	-3°58'42
morning rise	-10765 May 26 j 16:24	0°♄20'37		greatest brilliancy	-10760 Aug 22 j 13:47	15°♄31'14	-1.4m
	-10765 May 26 j 03:59	0°♄		direct	-10760 Oct 01 j 01:35	6°♄00'00	
	-10765 Jul 09 j 15:07	0°♄		asc. node	-10760 Dec 14 j 10:42	28°♄59'33	
	-10765 Aug 21 j 16:43	0°♄			-10760 Dec 16 j 11:28	0°♄	
	-10765 Oct 02 j 16:12	0°♄			-10759 Feb 08 j 13:58	0°♄	
	-10765 Nov 13 j 03:44	0°♄			-10759 Mar 28 j 07:23	0°♄	
	-10765 Dec 25 j 06:20	0°♄			-10759 May 11 j 08:42	0°♄	
	-10764 Feb 08 j 20:50	0°♄			-10759 Jun 21 j 17:09	0°♄	
desc. node	-10764 Mar 17 j 18:29	19°♄43'57		evening set	-10759 Jul 03 j 21:27	9°♄08'07	
retrograde	-10764 Apr 23 j 18:49	28°♄10'17			-10759 Jul 31 j 04:22	0°♄	
min. Earth dist.	-10764 May 22 j 09:13	22°♄42'15	0.47051 AU	max. Earth dist.	-10759 Aug 16 j 18:31	12°♄53'09	2.38582 AU
greatest brilliancy	-10764 May 29 j 05:05	20°♄20'18	-2.3m				
opposition	-10764 May 30 j 12:13	19°♄53'10	-4°20'17	conjunction	-10759 Sep 01 j 19:07	25°♄25'14	0°47'06
direct	-10764 Jul 02 j 14:26	13°♄07'34		minimum elong	-10759 Sep 01 j 22:23	25°♄31'37	0°47'39
	-10764 Aug 31 j 00:27	0°♄			-10759 Sep 07 j 15:19	0°♄	
	-10764 Oct 26 j 03:54	0°♄			-10759 Oct 15 j 23:38	0°♄	
	-10764 Dec 15 j 16:06	0°♄		morning rise	-10759 Nov 05 j 14:46	15°♄56'02	
	-10763 Feb 02 j 11:10	0°♄		desc. node	-10759 Nov 07 j 04:47	17°♄08'51	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10759 Nov 24 j 02:34	0°♎					-10753 May 24 j 13:51	0°♊	
	-10758 Jan 03 j 19:15	0°♈		desc. node			-10753 Jun 30 j 04:12	26°♊30'32	
	-10758 Feb 15 j 18:36	0°♌					-10753 Jul 04 j 21:36	0°♉	
	-10758 Apr 02 j 20:14	0°♈					-10753 Aug 14 j 06:21	0°♏	
	-10758 May 24 j 01:47	0°♈					-10753 Sep 24 j 01:53	0°♎	
retrograde	-10758 Aug 18 j 01:29	29°♈37'59					-10753 Nov 05 j 03:44	0°♈	
opposition	-10758 Sep 26 j 08:29	20°♈13'59	-1°26'10				-10753 Dec 18 j 21:09	0°♌	
greatest brilliancy	-10758 Sep 26 j 11:13	20°♈11'16	-1.4m	evening set			-10753 Dec 26 j 13:34	5°♌09'15	
min. Earth dist.	-10758 Sep 28 j 04:42	19°♈29'47	0.66073 AU				-10752 Feb 02 j 05:17	0°♈	
asc. node	-10758 Nov 01 j 15:58	10°♈25'46							
direct	-10758 Nov 06 j 00:32	10°♈18'23		conjunction			-10752 Feb 15 j 03:47	8°♈24'17	-1°03'42
	-10757 Jan 11 j 15:03	0°♌		minimum elong			-10752 Feb 15 j 05:15	8°♈26'39	1°04'14
	-10757 Mar 06 j 03:44	0°♈		max. Earth dist.			-10752 Feb 25 j 17:05	15°♈13'16	2.64828 AU
	-10757 Apr 20 j 20:31	0°♎					-10752 Mar 19 j 17:37	0°♈	
	-10757 Jun 01 j 17:45	0°♈		morning rise			-10752 Apr 03 j 13:10	9°♈27'47	
	-10757 Jul 11 j 08:41	0°♊					-10752 May 05 j 19:14	0°♌	
	-10757 Aug 18 j 20:41	0°♉					-10752 Jun 21 j 23:24	0°♈	
evening set	-10757 Sep 05 j 22:57	14°♉10'36		asc. node			-10752 Jun 23 j 09:29	0°♈54'12	
desc. node	-10757 Sep 25 j 00:17	29°♉02'18					-10752 Aug 08 j 07:48	0°♎	
	-10757 Sep 26 j 06:00	0°♏					-10752 Sep 25 j 21:26	0°♈	
	-10757 Nov 04 j 10:29	0°♎					-10752 Nov 18 j 19:57	0°♊	
				retrograde			-10751 Jan 19 j 09:37	18°♊09'50	
conjunction	-10757 Nov 07 j 09:59	2°♎14'20	-0°31'36	opposition			-10751 Feb 19 j 05:24	12°♊58'30	5°55'34
minimum elong	-10757 Nov 07 j 07:33	2°♎09'47	0°31'15	greatest brilliancy			-10751 Feb 20 j 04:04	12°♊42'50	-2.8m
	-10757 Dec 15 j 03:51	0°♈		min. Earth dist.			-10751 Feb 22 j 22:09	11°♊57'22	0.39233 AU
max. Earth dist.	-10757 Dec 21 j 11:40	4°♈32'11	2.46668 AU	direct			-10751 Mar 23 j 02:40	7°♊22'19	
morning rise	-10756 Jan 07 j 02:26	16°♈17'11		desc. node			-10751 May 17 j 08:33	23°♊56'36	
	-10756 Jan 26 j 22:07	0°♌					-10751 May 28 j 16:01	0°♉	
	-10756 Mar 11 j 23:56	0°♈					-10751 Jul 16 j 06:36	0°♏	
	-10756 Apr 28 j 15:39	0°♈					-10751 Aug 30 j 03:51	0°♎	
	-10756 Jun 19 j 04:28	0°♌					-10751 Oct 13 j 18:23	0°♈	
	-10756 Aug 24 j 10:22	0°♈					-10751 Nov 28 j 03:02	0°♌	
asc. node	-10756 Sep 18 j 18:18	4°♈57'54					-10750 Jan 13 j 10:48	0°♈	
retrograde	-10756 Sep 24 j 11:35	5°♈09'50		evening set			-10750 Feb 05 j 16:32	14°♈52'58	
	-10756 Oct 22 j 22:53	30°♈					-10750 Mar 01 j 08:42	0°♈	
opposition	-10756 Nov 01 j 00:58	26°♈39'16	1°50'33	max. Earth dist.			-10750 Mar 21 j 02:30	12°♈36'58	2.66400 AU
greatest brilliancy	-10756 Nov 01 j 08:32	26°♈31'59	-1.6m						
min. Earth dist.	-10756 Nov 06 j 11:28	24°♈33'22	0.60641 AU	conjunction			-10750 Mar 25 j 20:37	15°♈39'34	-0°26'48
direct	-10756 Dec 11 j 16:28	16°♈47'24		minimum elong			-10750 Mar 25 j 21:38	15°♈41'12	0°27'21
	-10755 Jan 31 j 11:54	0°♈					-10750 Apr 17 j 04:22	0°♌	
	-10755 Mar 26 j 11:00	0°♎		morning rise			-10750 May 11 j 13:33	15°♈47'43	
	-10755 May 09 j 14:27	0°♈		asc. node			-10750 May 11 j 02:09	15°♈29'09	
	-10755 Jun 19 j 04:24	0°♊					-10750 Jun 02 j 06:08	0°♈	
	-10755 Jul 28 j 06:15	0°♉					-10750 Jul 17 j 05:15	0°♎	
desc. node	-10755 Aug 12 j 00:31	11°♉25'24					-10750 Aug 30 j 02:38	0°♈	
	-10755 Sep 05 j 02:50	0°♏					-10750 Oct 12 j 06:51	0°♊	
	-10755 Oct 14 j 17:50	0°♎					-10750 Nov 24 j 12:59	0°♉	
evening set	-10755 Nov 06 j 07:45	16°♎38'07					-10749 Jan 08 j 22:59	0°♏	
	-10755 Nov 24 j 20:37	0°♈					-10749 Mar 10 j 13:12	0°♎	
				retrograde			-10749 Apr 02 j 18:39	3°♎34'13	
conjunction	-10754 Jan 01 j 07:23	26°♈11'45	-1°12'42	desc. node			-10749 Apr 04 j 13:00	3°♎32'54	
minimum elong	-10754 Jan 01 j 06:29	26°♈10'13	1°12'56				-10749 Apr 25 j 23:59	30°♈	
	-10754 Jan 06 j 20:56	0°♌		min. Earth dist.			-10749 Apr 30 j 04:02	28°♏45'56	0.42364 AU
max. Earth dist.	-10754 Jan 28 j 20:28	14°♌49'18	2.57990 AU	opposition			-10749 May 07 j 09:41	26°♏29'05	-2°18'59
	-10754 Feb 20 j 20:01	0°♈		greatest brilliancy			-10749 May 06 j 16:59	26°♏42'17	-2.6m
morning rise	-10754 Feb 23 j 05:30	1°♈33'56		direct			-10749 Jun 07 j 20:30	20°♏34'23	
	-10754 Apr 08 j 11:50	0°♈					-10749 Jul 19 j 15:11	0°♎	
	-10754 May 26 j 15:22	0°♌					-10749 Sep 16 j 18:00	0°♈	
	-10754 Jul 15 j 20:28	0°♈					-10749 Nov 06 j 00:26	0°♌	
asc. node	-10754 Aug 06 j 15:56	12°♈18'09					-10749 Dec 24 j 16:16	0°♈	
	-10754 Sep 10 j 05:07	0°♎					-10748 Feb 10 j 16:44	0°♈	
retrograde	-10754 Nov 12 j 00:01	17°♎44'30		evening set			-10748 Mar 16 j 00:32	21°♈46'14	
opposition	-10754 Dec 16 j 11:28	10°♎43'18	5°30'54	asc. node			-10748 Mar 27 j 21:05	29°♈23'06	
greatest brilliancy	-10754 Dec 17 j 21:54	10°♎13'13	-2.1m				-10748 Mar 28 j 19:59	0°♌	
min. Earth dist.	-10754 Dec 24 j 11:17	7°♎56'32	0.49955 AU	max. Earth dist.			-10748 Apr 14 j 12:18	10°♌49'06	2.62645 AU
direct	-10753 Jan 23 j 13:45	2°♎07'29							
	-10753 Apr 09 j 03:22	0°♈		conjunction			-10748 May 03 j 03:27	23°♌03'54	0°21'37

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

minimum elong	-10748 May 03 j 02:35	23° \approx 02'29	0°21'12		-10743 Jun 05 j 18:49	0° \mathfrak{Z}	
	-10748 May 13 j 13:40	0° \mathfrak{H}		retrograde	-10743 Aug 04 j 07:30	16° \mathfrak{Z} 34'01	
morning rise	-10748 Jun 19 j 20:21	25° \mathfrak{H} 20'19		opposition	-10743 Sep 12 j 23:12	6° \mathfrak{Z} 55'54	-2°31'01
	-10748 Jun 26 j 13:37	0° \mathfrak{Y}		greatest brilliancy	-10743 Sep 13 j 00:36	6° \mathfrak{Z} 54'29	-1.4m
	-10748 Aug 07 j 20:22	0° \mathfrak{B}		min. Earth dist.	-10743 Sep 13 j 08:20	6° \mathfrak{Z} 46'42	0.66554 AU
	-10748 Sep 17 j 17:43	0° \mathfrak{II}			-10743 Oct 02 j 09:28	30° \mathfrak{R} \mathfrak{Z}	
	-10748 Oct 27 j 19:40	0° \mathfrak{E}		direct	-10743 Oct 23 j 05:07	27° \mathfrak{Z} 08'50	
	-10748 Dec 06 j 22:00	0° \mathfrak{Q}			-10743 Nov 14 j 17:44	0° \mathfrak{Z}	
	-10747 Jan 17 j 08:18	0° \mathfrak{M}		asc. node	-10743 Nov 18 j 06:05	0° \mathfrak{Z} 53'04	
desc. node	-10747 Feb 19 j 12:27	22° \mathfrak{M} 18'45			-10742 Jan 23 j 19:34	0° \approx	
	-10747 Mar 03 j 21:18	0° \mathfrak{L}			-10742 Mar 15 j 00:35	0° \mathfrak{H}	
	-10747 May 17 j 03:19	0° \mathfrak{M}			-10742 Apr 28 j 20:38	0° \mathfrak{Y}	
retrograde	-10747 May 22 j 19:05	0° \mathfrak{M} 13'14			-10742 Jun 09 j 11:07	0° \mathfrak{B}	
	-10747 May 28 j 08:23	30° \mathfrak{R} \mathfrak{L}			-10742 Jul 18 j 23:34	0° \mathfrak{II}	
min. Earth dist.	-10747 Jun 23 j 12:21	23° \mathfrak{L} 26'46	0.54508 AU	evening set	-10742 Aug 11 j 00:35	17° \mathfrak{II} 55'40	
greatest brilliancy	-10747 Jun 29 j 04:29	21° \mathfrak{L} 17'18	-1.9m		-10742 Aug 26 j 10:17	0° \mathfrak{E}	
opposition	-10747 Jun 30 j 11:31	20° \mathfrak{L} 47'38	-5°29'46		-10742 Oct 03 j 18:17	0° \mathfrak{Q}	
direct	-10747 Aug 04 j 22:22	12° \mathfrak{L} 54'23		desc. node	-10742 Oct 11 j 19:32	6° \mathfrak{Q} 14'52	
	-10747 Oct 04 j 19:31	0° \mathfrak{M}					
	-10747 Nov 30 j 23:37	0° \mathfrak{Z}		conjunction	-10742 Oct 12 j 23:20	7° \mathfrak{Q} 08'39	-0°00'54
	-10746 Jan 20 j 20:35	0° \mathfrak{Z}		minimum elong	-10742 Oct 12 j 23:19	7° \mathfrak{Q} 08'37	0°00'23
asc. node	-10746 Feb 12 j 20:31	14° \mathfrak{Z} 07'51		behind sun begin	-10742 Oct 11 j 20:24	6° \mathfrak{Q} 16'34	
	-10746 Mar 10 j 01:49	0° \approx		behind sun end	-10742 Oct 14 j 02:14	8° \mathfrak{Q} 00'37	
	-10746 Apr 25 j 00:32	0° \mathfrak{H}			-10742 Nov 11 j 20:55	0° \mathfrak{M}	
evening set	-10746 Apr 26 j 02:35	0° \mathfrak{H} 43'39		max. Earth dist.	-10742 Nov 25 j 09:48	10° \mathfrak{M} 08'25	2.41790 AU
max. Earth dist.	-10746 May 14 j 16:16	13° \mathfrak{H} 18'51	2.53932 AU	morning rise	-10742 Dec 15 j 16:17	25° \mathfrak{M} 02'56	
	-10746 Jun 07 j 16:26	0° \mathfrak{Y}			-10742 Dec 22 j 12:30	0° \mathfrak{L}	
					-10741 Feb 03 j 06:33	0° \mathfrak{M}	
conjunction	-10746 Jun 15 j 18:31	5° \mathfrak{Y} 43'35	1°03'44		-10741 Mar 20 j 13:23	0° \mathfrak{Z}	
minimum elong	-10746 Jun 15 j 16:49	5° \mathfrak{Y} 40'32	1°03'43		-10741 May 08 j 01:13	0° \mathfrak{Z}	
	-10746 Jul 19 j 06:07	0° \mathfrak{B}			-10741 Jul 01 j 20:36	0° \approx	
morning rise	-10746 Aug 07 j 09:41	14° \mathfrak{B} 15'30		retrograde	-10741 Sep 09 j 19:36	21° \approx 03'27	
	-10746 Aug 28 j 04:42	0° \mathfrak{II}		asc. node	-10741 Oct 06 j 10:03	16° \approx 29'03	
	-10746 Oct 06 j 04:40	0° \mathfrak{E}		opposition	-10741 Oct 18 j 04:32	12° \approx 08'35	0°29'24
	-10746 Nov 14 j 01:33	0° \mathfrak{Q}		greatest brilliancy	-10741 Oct 18 j 06:02	12° \approx 07'07	-1.5m
	-10746 Dec 23 j 17:45	0° \mathfrak{M}		min. Earth dist.	-10741 Oct 22 j 06:01	10° \approx 32'45	0.63472 AU
desc. node	-10745 Jan 07 j 07:12	10° \mathfrak{M} 42'17		direct	-10741 Nov 28 j 01:12	2° \approx 09'46	
	-10745 Feb 03 j 08:41	0° \mathfrak{L}			-10740 Feb 16 j 18:43	0° \mathfrak{H}	
	-10745 Mar 20 j 18:05	0° \mathfrak{M}			-10740 Apr 05 j 13:12	0° \mathfrak{Y}	
	-10745 May 15 j 11:41	0° \mathfrak{Z}			-10740 May 18 j 10:34	0° \mathfrak{B}	
retrograde	-10745 Jun 30 j 23:58	11° \mathfrak{Z} 25'09			-10740 Jun 27 j 12:00	0° \mathfrak{II}	
min. Earth dist.	-10745 Aug 06 j 11:49	2° \mathfrak{Z} 51'04	0.63479 AU		-10740 Aug 05 j 06:20	0° \mathfrak{E}	
opposition	-10745 Aug 09 j 21:04	1° \mathfrak{Z} 29'28	-4°43'06	desc. node	-10740 Aug 28 j 16:55	18° \mathfrak{E} 15'07	
greatest brilliancy	-10745 Aug 09 j 08:51	1° \mathfrak{Z} 41'45	-1.5m		-10740 Sep 12 j 20:53	0° \mathfrak{Q}	
	-10745 Aug 13 j 14:58	30° \mathfrak{R} \mathfrak{M}		evening set	-10740 Oct 14 j 09:52	24° \mathfrak{Q} 05'55	
direct	-10745 Sep 17 j 06:23	22° \mathfrak{M} 23'04			-10740 Oct 22 j 06:12	0° \mathfrak{M}	
	-10745 Oct 25 j 19:32	0° \mathfrak{Z}			-10740 Dec 02 j 03:50	0° \mathfrak{L}	
	-10745 Dec 28 j 15:06	0° \mathfrak{Z}					
asc. node	-10744 Jan 01 j 00:20	1° \mathfrak{Z} 52'07		conjunction	-10740 Dec 12 j 04:43	7° \mathfrak{L} 09'30	-1°03'51
	-10744 Feb 17 j 22:26	0° \approx		minimum elong	-10740 Dec 12 j 02:29	7° \mathfrak{L} 05'33	1°03'51
	-10744 Apr 04 j 21:08	0° \mathfrak{H}			-10739 Jan 14 j 00:12	0° \mathfrak{M}	
	-10744 May 18 j 17:09	0° \mathfrak{Y}		max. Earth dist.	-10739 Jan 15 j 20:06	1° \mathfrak{M} 14'57	2.53986 AU
evening set	-10744 Jun 12 j 01:08	17° \mathfrak{Y} 27'56		morning rise	-10739 Feb 05 j 19:33	15° \mathfrak{M} 24'04	
	-10744 Jun 29 j 01:29	0° \mathfrak{B}			-10739 Feb 27 j 22:16	0° \mathfrak{Z}	
max. Earth dist.	-10744 Jul 02 j 16:06	2° \mathfrak{B} 41'29	2.42126 AU		-10739 Apr 15 j 19:33	0° \approx	
					-10739 Jun 03 j 19:33	0° \mathfrak{H}	
conjunction	-10744 Aug 07 j 20:56	0° \mathfrak{II} 12'45	1°06'17		-10739 Jul 26 j 17:29	0° \mathfrak{H}	
minimum elong	-10744 Aug 07 j 23:06	0° \mathfrak{II} 16'55	1°06'45	asc. node	-10739 Aug 23 j 09:14	13° \mathfrak{H} 38'59	
	-10744 Aug 07 j 14:19	0° \mathfrak{II}		retrograde	-10739 Oct 22 j 05:50	29° \mathfrak{H} 55'27	
	-10744 Sep 15 j 03:11	0° \mathfrak{E}		opposition	-10739 Nov 27 j 02:24	22° \mathfrak{H} 13'39	4°06'30
morning rise	-10744 Oct 09 j 03:21	18° \mathfrak{E} 47'02		greatest brilliancy	-10739 Nov 28 j 01:31	21° \mathfrak{H} 52'22	-1.9m
	-10744 Oct 23 j 13:03	0° \mathfrak{Q}		min. Earth dist.	-10739 Dec 04 j 09:03	19° \mathfrak{H} 33'06	0.54640 AU
desc. node	-10744 Nov 24 j 00:54	24° \mathfrak{Q} 11'53		direct	-10738 Jan 05 j 15:05	12° \mathfrak{H} 54'32	
	-10744 Dec 01 j 17:04	0° \mathfrak{M}			-10738 Mar 04 j 00:36	0° \mathfrak{Y}	
	-10743 Jan 11 j 11:47	0° \mathfrak{L}			-10738 Apr 22 j 22:27	0° \mathfrak{B}	
	-10743 Feb 23 j 17:32	0° \mathfrak{M}			-10738 Jun 04 j 08:19	0° \mathfrak{II}	
	-10743 Apr 11 j 16:42	0° \mathfrak{Z}			-10738 Jul 14 j 09:10	0° \mathfrak{E}	

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Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

desc. node	-10738 Jul 16 j 20:13	1°☿51'58		behind sun end	-10733 Apr 19 j 11:33	8°♊55'13	
	-10738 Aug 22 j 22:15	0°♈			-10733 May 21 j 12:43	0°♈	
	-10738 Oct 02 j 02:42	0°♉		morning rise	-10733 Jun 04 j 14:51	9°♈25'35	
	-10738 Nov 12 j 16:43	0°♊			-10733 Jul 04 j 19:49	0°♉	
evening set	-10738 Dec 08 j 08:24	17°♊54'10			-10733 Aug 16 j 14:16	0°♈	
	-10738 Dec 26 j 01:21	0°♋			-10733 Sep 27 j 03:06	0°♊	
					-10733 Nov 06 j 23:55	0°♋	
conjunction	-10737 Jan 29 j 16:11	23°♋06'40	-1°11'36		-10733 Dec 18 j 03:22	0°♈	
minimum elong	-10737 Jan 29 j 17:05	23°♋08'09	1°12'03		-10732 Jan 30 j 11:35	0°♉	
	-10737 Feb 09 j 04:14	0°♊		desc. node	-10732 Mar 08 j 06:04	22°♉43'21	
max. Earth dist.	-10737 Feb 15 j 13:31	4°♊10'00	2.62768 AU		-10732 Mar 23 j 00:55	0°♊	
morning rise	-10737 Mar 20 j 10:46	25°♊23'11		retrograde	-10732 May 05 j 00:07	10°♊53'36	
	-10737 Mar 27 j 15:59	0°♋		min. Earth dist.	-10732 Jun 03 j 15:05	4°♊57'58	0.49773 AU
	-10737 May 14 j 00:22	0°♌		greatest brilliancy	-10732 Jun 10 j 03:57	2°♊36'29	-2.2m
	-10737 Jun 30 j 23:56	0°♈		opposition	-10732 Jun 11 j 13:29	2°♊06'02	-4°59'32
asc. node	-10737 Jul 11 j 03:40	6°♈16'44			-10732 Jun 17 j 12:44	30°♈♉	
	-10737 Aug 19 j 06:32	0°♉		direct	-10732 Jul 15 j 13:42	24°♉54'05	
	-10737 Oct 12 j 06:00	0°♈			-10732 Aug 14 j 13:37	0°♊	
retrograde	-10737 Dec 21 j 08:09	21°♈43'50			-10732 Oct 18 j 23:15	0°♋	
opposition	-10736 Jan 22 j 08:53	15°♈56'19	6°47'46		-10732 Dec 10 j 02:51	0°♊	
greatest brilliancy	-10736 Jan 24 j 00:58	15°♈25'55	-2.5m		-10731 Jan 28 j 12:33	0°♋	
min. Earth dist.	-10736 Jan 29 j 11:11	13°♈47'55	0.42666 AU	asc. node	-10731 Mar 01 j 11:43	19°♋59'25	
direct	-10736 Feb 25 j 22:35	9°♈07'25			-10731 Mar 17 j 04:50	0°♌	
	-10736 Apr 28 j 13:44	0°♊		evening set	-10731 Apr 09 j 15:24	15°♌11'08	
desc. node	-10736 Jun 03 j 01:45	21°♊50'27		max. Earth dist.	-10731 May 02 j 00:02	29°♌59'31	2.57875 AU
	-10736 Jun 15 j 06:33	0°♋			-10731 May 02 j 00:20	0°♈	
	-10736 Jul 28 j 10:08	0°♈					
	-10736 Sep 08 j 22:42	0°♉		conjunction	-10731 May 28 j 22:45	18°♈17'54	0°49'43
	-10736 Oct 22 j 04:39	0°♊		minimum elong	-10731 May 28 j 21:00	18°♈14'53	0°49'31
	-10736 Dec 05 j 17:13	0°♋			-10731 Jun 14 j 18:26	0°♉	
evening set	-10735 Jan 20 j 22:05	0°♊14'35		morning rise	-10731 Jul 18 j 00:48	23°♉46'13	
	-10735 Jan 20 j 13:04	0°♊			-10731 Jul 26 j 13:41	0°♈	
	-10735 Mar 08 j 05:28	0°♋			-10731 Sep 04 j 19:34	0°♊	
					-10731 Oct 14 j 03:21	0°♋	
conjunction	-10735 Mar 10 j 18:01	1°♋36'49	-0°43'14		-10731 Nov 22 j 08:19	0°♈	
minimum elong	-10735 Mar 10 j 19:29	1°♋39'09	0°43'49		-10730 Jan 01 j 10:24	0°♉	
max. Earth dist.	-10735 Mar 11 j 19:48	2°♋18'03	2.66421 AU	desc. node	-10730 Jan 24 j 03:27	16°♉21'39	
	-10735 Apr 24 j 01:54	0°♌			-10730 Feb 12 j 19:55	0°♊	
morning rise	-10735 Apr 26 j 19:44	1°♌45'47			-10730 Apr 01 j 14:11	0°♋	
asc. node	-10735 May 27 j 19:46	21°♌46'44		retrograde	-10730 Jun 16 j 13:48	26°♋41'32	
	-10735 Jun 09 j 11:12	0°♈		min. Earth dist.	-10730 Jul 21 j 08:34	18°♋44'51	0.60627 AU
	-10735 Jul 25 j 02:33	0°♉		greatest brilliancy	-10730 Jul 25 j 09:01	17°♋09'04	-1.6m
	-10735 Sep 08 j 04:09	0°♈		opposition	-10730 Jul 26 j 05:01	16°♋49'11	-5°15'39
	-10735 Oct 23 j 07:26	0°♊		direct	-10730 Sep 01 j 13:43	8°♋06'39	
	-10735 Dec 09 j 07:28	0°♋			-10730 Nov 12 j 10:27	0°♊	
	-10734 Feb 06 j 18:55	0°♈			-10729 Jan 07 j 01:38	0°♋	
retrograde	-10734 Mar 07 j 23:57	5°♈15'04		asc. node	-10729 Jan 17 j 14:13	6°♋09'17	
min. Earth dist.	-10734 Apr 05 j 01:07	0°♈35'22	0.39105 AU		-10729 Feb 25 j 18:27	0°♌	
	-10734 Apr 07 j 03:34	30°♈☿			-10729 Apr 13 j 05:00	0°♈	
opposition	-10734 Apr 09 j 03:12	29°♈26'22	0°56'40	evening set	-10729 May 24 j 04:39	28°♈04'30	
greatest brilliancy	-10734 Apr 09 j 00:54	29°♈27'59	-2.9m		-10729 May 26 j 22:11	0°♉	
desc. node	-10734 Apr 21 j 05:20	26°♈18'29		max. Earth dist.	-10729 Jun 09 j 11:34	9°♉39'26	2.46800 AU
direct	-10734 May 09 j 14:00	24°♈12'34			-10729 Jul 07 j 07:46	0°♈	
	-10734 Jun 10 j 00:42	0°♈					
	-10734 Aug 10 j 02:58	0°♉		conjunction	-10729 Jul 17 j 04:01	7°♈20'44	1°13'02
	-10734 Sep 28 j 07:21	0°♊		minimum elong	-10729 Jul 17 j 04:09	7°♈20'58	1°13'22
	-10734 Nov 14 j 20:09	0°♋			-10729 Aug 15 j 23:34	0°♊	
	-10733 Jan 01 j 07:16	0°♊		morning rise	-10729 Sep 13 j 12:10	22°♊05'20	
	-10733 Feb 17 j 18:23	0°♋			-10729 Sep 23 j 15:45	0°♋	
evening set	-10733 Mar 01 j 19:04	7°♋38'14			-10729 Nov 01 j 04:43	0°♈	
max. Earth dist.	-10733 Apr 05 j 09:09	29°♋47'03	2.64734 AU		-10729 Dec 10 j 11:42	0°♉	
	-10733 Apr 05 j 17:10	0°♌		desc. node	-10729 Dec 11 j 20:22	1°♉01'16	
asc. node	-10733 Apr 14 j 13:46	5°♌43'57			-10728 Jan 20 j 10:50	0°♊	
					-10728 Mar 04 j 03:58	0°♋	
conjunction	-10733 Apr 18 j 16:02	8°♌23'31	0°02'29		-10728 Apr 21 j 17:00	0°♊	
minimum elong	-10733 Apr 18 j 15:58	8°♌23'24	0°02'00		-10728 Jun 27 j 10:40	0°♋	
behind sun begin	-10733 Apr 17 j 20:24	7°♌51'36		retrograde	-10728 Jul 21 j 17:31	3°♋24'51	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10728 Aug 13 j 04:31	30° \mathbb{R} ♂		desc. node	-10723 Aug 02 j 12:50	8° \mathbb{D} 02'47	
opposition	-10728 Aug 30 j 14:24	23° \mathbb{A} 36'16	-3°28'48		-10723 Aug 31 j 03:07	0° \mathbb{Q}	
greatest brilliancy	-10728 Aug 30 j 11:56	23° \mathbb{A} 38'45	-1.4m		-10723 Oct 09 j 21:40	0° \mathbb{M}	
min. Earth dist.	-10728 Aug 29 j 12:07	24° \mathbb{A} 02'48	0.66095 AU	evening set	-10723 Nov 18 j 10:17	28° \mathbb{M} 47'15	
direct	-10728 Oct 09 j 05:54	14° \mathbb{A} 01'57			-10723 Nov 20 j 03:07	0° \mathbb{L}	
asc. node	-10728 Dec 04 j 19:50	28° \mathbb{A} 44'25			-10722 Jan 02 j 05:08	0° \mathbb{M}	
	-10728 Dec 07 j 16:15	0° \mathbb{Z}					
	-10727 Feb 02 j 18:30	0° \approx		conjunction	-10722 Jan 12 j 00:10	6° \mathbb{M} 38'18	-1°14'10
	-10727 Mar 23 j 05:48	0° \mathbb{H}		minimum elong	-10722 Jan 12 j 00:01	6° \mathbb{M} 38'04	1°14'29
	-10727 May 06 j 13:28	0° \mathbb{Y}		max. Earth dist.	-10722 Feb 04 j 15:08	22° \mathbb{M} 24'23	2.59886 AU
	-10727 Jun 17 j 00:15	0° \mathbb{B}			-10722 Feb 16 j 04:16	0° \mathbb{A}	
evening set	-10727 Jul 17 j 03:14	22° \mathbb{B} 47'21		morning rise	-10722 Mar 04 j 16:21	10° \mathbb{A} 44'28	
	-10727 Jul 26 j 11:50	0° \mathbb{I}			-10722 Apr 03 j 17:18	0° \mathbb{Z}	
	-10727 Sep 02 j 22:15	0° \mathbb{D}			-10722 May 21 j 12:06	0° \approx	
					-10722 Jul 09 j 16:46	0° \mathbb{H}	
conjunction	-10727 Sep 16 j 13:52	10° \mathbb{D} 42'50	0°31'19	asc. node	-10722 Jul 27 j 21:29	10° \mathbb{H} 43'22	
minimum elong	-10727 Sep 16 j 16:34	10° \mathbb{D} 48'07	0°31'53		-10722 Aug 31 j 09:37	0° \mathbb{Y}	
max. Earth dist.	-10727 Oct 01 j 07:47	22° \mathbb{D} 15'57	2.38328 AU	retrograde	-10722 Nov 25 j 01:06	29° \mathbb{Y} 21'03	
	-10727 Oct 11 j 05:48	0° \mathbb{Q}		opposition	-10722 Dec 28 j 17:46	22° \mathbb{Y} 45'04	6°10'55
desc. node	-10727 Oct 28 j 14:19	13° \mathbb{Q} 26'07		greatest brilliancy	-10722 Dec 30 j 09:08	22° \mathbb{Y} 12'04	-2.3m
	-10727 Nov 19 j 07:39	0° \mathbb{M}		min. Earth dist.	-10721 Jan 05 j 20:11	20° \mathbb{Y} 03'21	0.47282 AU
morning rise	-10727 Nov 20 j 18:13	1° \mathbb{M} 05'12		direct	-10721 Feb 03 j 18:03	14° \mathbb{Y} 42'12	
	-10727 Dec 29 j 22:42	0° \mathbb{L}			-10721 Mar 28 j 05:30	0° \mathbb{B}	
	-10726 Feb 10 j 18:37	0° \mathbb{M}			-10721 May 16 j 21:04	0° \mathbb{I}	
	-10726 Mar 28 j 10:36	0° \mathbb{A}		desc. node	-10721 Jun 20 j 16:40	24° \mathbb{I} 22'52	
	-10726 May 17 j 07:41	0° \mathbb{Z}			-10721 Jun 28 j 11:20	0° \mathbb{D}	
	-10726 Jul 18 j 20:10	0° \approx			-10721 Aug 08 j 12:21	0° \mathbb{Q}	
retrograde	-10726 Aug 26 j 05:01	7° \approx 37'24			-10721 Sep 18 j 18:38	0° \mathbb{M}	
	-10726 Sep 30 j 02:05	30° \mathbb{R} ♂			-10721 Oct 31 j 04:00	0° \mathbb{L}	
opposition	-10726 Oct 04 j 04:49	28° \mathbb{Z} 22'44	-0°45'31		-10721 Dec 14 j 02:38	0° \mathbb{M}	
greatest brilliancy	-10726 Oct 04 j 06:54	28° \mathbb{Z} 20'41	-1.4m	evening set	-10720 Jan 05 j 10:20	14° \mathbb{M} 50'27	
min. Earth dist.	-10726 Oct 06 j 20:00	27° \mathbb{Z} 19'51	0.65414 AU		-10720 Jan 28 j 13:45	0° \mathbb{A}	
asc. node	-10726 Oct 23 j 00:26	21° \mathbb{Z} 35'27					
direct	-10726 Nov 13 j 23:38	18° \mathbb{Z} 24'32		conjunction	-10720 Feb 24 j 06:52	17° \mathbb{A} 16'44	-0°57'09
	-10725 Jan 01 j 09:54	0° \approx		minimum elong	-10720 Feb 24 j 08:27	17° \mathbb{A} 19'16	0°57'43
	-10725 Feb 27 j 22:56	0° \mathbb{H}		max. Earth dist.	-10720 Mar 02 j 09:39	21° \mathbb{A} 51'06	2.65617 AU
	-10725 Apr 15 j 12:24	0° \mathbb{Y}			-10720 Mar 15 j 02:38	0° \mathbb{Z}	
	-10725 May 27 j 17:27	0° \mathbb{B}		morning rise	-10720 Apr 12 j 02:24	17° \mathbb{Z} 53'19	
	-10725 Jul 06 j 11:54	0° \mathbb{I}			-10720 May 01 j 01:38	0° \approx	
	-10725 Aug 14 j 01:46	0° \mathbb{D}		asc. node	-10720 Jun 13 j 14:47	27° \approx 53'20	
desc. node	-10725 Sep 15 j 12:09	25° \mathbb{D} 20'08			-10720 Jun 16 j 21:40	0° \mathbb{H}	
evening set	-10725 Sep 20 j 11:51	29° \mathbb{D} 12'33			-10720 Aug 02 j 12:24	0° \mathbb{Y}	
	-10725 Sep 21 j 12:19	0° \mathbb{Q}			-10720 Sep 18 j 10:56	0° \mathbb{B}	
	-10725 Oct 30 j 17:29	0° \mathbb{M}			-10720 Nov 06 j 12:47	0° \mathbb{I}	
					-10719 Jan 07 j 18:27	0° \mathbb{D}	
conjunction	-10725 Nov 20 j 23:07	15° \mathbb{M} 48'21	-0°45'52	retrograde	-10719 Feb 05 j 23:13	4° \mathbb{D} 59'44	
minimum elong	-10725 Nov 20 j 20:15	15° \mathbb{M} 43'05	0°45'39	opposition	-10719 Mar 08 j 18:39	29° \mathbb{I} 51'09	4°30'42
	-10725 Dec 10 j 11:02	0° \mathbb{L}			-10719 Mar 08 j 05:27	30° \mathbb{R} ♂	
max. Earth dist.	-10724 Jan 01 j 07:12	15° \mathbb{L} 31'19	2.49350 AU	greatest brilliancy	-10719 Mar 09 j 03:10	29° \mathbb{I} 45'27	-2.9m
morning rise	-10724 Jan 18 j 19:48	27° \mathbb{L} 41'19		min. Earth dist.	-10719 Mar 09 j 17:09	29° \mathbb{I} 36'05	0.38378 AU
	-10724 Jan 22 j 04:40	0° \mathbb{M}		direct	-10719 Apr 08 j 11:43	24° \mathbb{I} 39'05	
	-10724 Mar 07 j 03:26	0° \mathbb{A}		desc. node	-10719 May 07 j 21:54	29° \mathbb{I} 52'40	
	-10724 Apr 23 j 10:01	0° \mathbb{Z}			-10719 May 08 j 06:40	0° \mathbb{D}	
	-10724 Jun 12 j 17:56	0° \approx			-10719 Jul 07 j 00:30	0° \mathbb{Q}	
	-10724 Aug 10 j 03:00	0° \mathbb{H}			-10719 Aug 23 j 08:36	0° \mathbb{M}	
asc. node	-10724 Sep 09 j 01:21	10° \mathbb{H} 36'44			-10719 Oct 08 j 01:24	0° \mathbb{L}	
retrograde	-10724 Oct 04 j 01:56	14° \mathbb{H} 04'20			-10719 Nov 23 j 00:14	0° \mathbb{M}	
opposition	-10724 Nov 10 j 01:54	5° \mathbb{H} 49'23	2°39'25		-10718 Jan 08 j 15:45	0° \mathbb{A}	
greatest brilliancy	-10724 Nov 10 j 14:21	5° \mathbb{H} 37'32	-1.7m	evening set	-10718 Feb 14 j 12:51	23° \mathbb{A} 30'24	
min. Earth dist.	-10724 Nov 16 j 05:14	3° \mathbb{H} 29'07	0.58717 AU		-10718 Feb 24 j 17:30	0° \mathbb{Z}	
	-10724 Nov 26 j 05:31	30° \mathbb{R} ♂		max. Earth dist.	-10718 Mar 26 j 15:24	19° \mathbb{Z} 06'27	2.66028 AU
direct	-10724 Dec 20 j 10:24	26° \approx 05'31					
	-10723 Jan 15 j 02:46	0° \mathbb{H}		conjunction	-10718 Apr 03 j 12:17	24° \mathbb{Z} 09'33	-0°16'24
	-10723 Mar 19 j 04:32	0° \mathbb{Y}		minimum elong	-10718 Apr 03 j 12:57	24° \mathbb{Z} 10'36	0°16'57
	-10723 May 03 j 15:30	0° \mathbb{B}			-10718 Apr 12 j 14:00	0° \approx	
	-10723 Jun 13 j 17:30	0° \mathbb{I}		asc. node	-10718 May 01 j 07:48	12° \approx 08'34	
	-10723 Jul 23 j 01:51	0° \mathbb{D}		morning rise	-10718 May 20 j 04:34	24° \approx 29'12	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10718 May 28 j 13:11	0° H	direct	-10713 Sep 25 j 20:50	0° $\text{A}42'29$	
	-10718 Jul 12 j 05:58	0° Y		-10713 Dec 21 j 17:11	0° Z	
	-10718 Aug 24 j 16:13	0° B	asc. node	-10713 Dec 22 j 08:51	0° $\text{Z}20'29$	
	-10718 Oct 06 j 03:25	0° II		-10712 Feb 12 j 13:10	0° \approx	
	-10718 Nov 17 j 06:45	0° E		-10712 Mar 30 j 23:26	0° H	
	-10718 Dec 30 j 10:52	0° Ω		-10712 May 13 j 23:42	0° Y	
	-10717 Feb 17 j 00:46	0° M	evening set	-10712 Jun 24 j 03:56	29° $\text{Y}50'13$	
desc. node	-10717 Mar 26 j 00:04	15° $\text{M}29'42$		-10712 Jun 24 j 09:12	0° B	
retrograde	-10717 Apr 15 j 16:51	18° $\text{M}22'01$	max. Earth dist.	-10712 Jul 23 j 06:12	21° $\text{B}48'35$	2.39877 AU
min. Earth dist.	-10717 May 13 j 13:47	13° $\text{M}14'15$		-10712 Aug 02 j 21:54	0° II	
greatest brilliancy	-10717 May 20 j 10:34	10° $\text{M}57'10$				
opposition	-10717 May 21 j 13:09	10° $\text{M}34'55$	-3°37'20	conjunction	-10712 Aug 21 j 16:38	14° $\text{II}34'39$ 0°56'55
direct	-10717 Jun 22 j 21:44	4° $\text{M}11'54$		minimum elong	-10712 Aug 21 j 19:40	14° $\text{II}40'34$ 0°57'27
	-10717 Sep 07 j 20:42	0° E			-10712 Sep 10 j 09:51	0° E
	-10717 Oct 30 j 20:30	0° M			-10712 Oct 18 j 18:37	0° Ω
	-10717 Dec 19 j 11:02	0° A	morning rise	-10712 Oct 24 j 15:45	4° $\Omega33'48$	
	-10716 Feb 05 j 21:30	0° Z	desc. node	-10712 Nov 14 j 11:16	20° $\Omega34'40$	
asc. node	-10716 Mar 18 j 04:18	26° $\text{Z}07'30$		-10712 Nov 26 j 21:14	0° M	
evening set	-10716 Mar 24 j 20:12	0° $\approx24'17$		-10711 Jan 06 j 13:20	0° E	
	-10716 Mar 24 j 05:07	0° \approx		-10711 Feb 18 j 13:29	0° M	
max. Earth dist.	-10716 Apr 20 j 15:33	17° $\approx50'33$	2.61166 AU	-10711 Apr 05 j 20:45	0° A	
	-10716 May 08 j 23:35	0° H		-10711 May 28 j 05:15	0° Z	
			retrograde	-10711 Aug 12 j 05:17	24° $\text{Z}30'19$	
conjunction	-10716 May 12 j 06:19	2° $\text{H}11'46$	0°32'22	opposition	-10711 Sep 20 j 16:12	14° $\text{Z}59'26$ -1°54'07
minimum elong	-10716 May 12 j 05:03	2° $\text{H}09'39$	0°32'01	greatest brilliancy	-10711 Sep 20 j 18:38	14° $\text{Z}56'59$ -1.4m
	-10716 Jun 21 j 21:43	0° Y		min. Earth dist.	-10711 Sep 21 j 20:27	14° $\text{Z}31'04$ 0.66410 AU
morning rise	-10716 Jun 29 j 14:57	5° $\text{Y}24'32$		direct	-10711 Oct 31 j 03:48	5° $\text{Z}07'07$
	-10716 Aug 03 j 00:12	0° B		asc. node	-10711 Nov 08 j 14:21	5° $\text{Z}33'07$
	-10716 Sep 12 j 15:31	0° II			-10710 Jan 16 j 10:42	0° \approx
	-10716 Oct 22 j 09:40	0° E			-10710 Mar 09 j 10:19	0° H
	-10716 Dec 01 j 02:17	0° Ω			-10710 Apr 23 j 19:06	0° Y
	-10715 Jan 10 j 20:45	0° M			-10710 Jun 04 j 14:24	0° B
desc. node	-10715 Feb 09 j 21:49	20° $\text{M}54'27$			-10710 Jul 14 j 04:52	0° II
	-10715 Feb 23 j 17:49	0° E			-10710 Aug 21 j 16:18	0° E
	-10715 Apr 18 j 20:23	0° M	evening set	-10710 Aug 25 j 14:27	3° $\text{E}04'37$	
retrograde	-10715 Jun 01 j 05:16	10° $\text{M}38'38$			-10710 Sep 29 j 00:39	0° Ω
min. Earth dist.	-10715 Jul 04 j 02:11	3° $\text{M}25'04$	0.56917 AU	desc. node	-10710 Oct 02 j 05:55	2° $\Omega30'00$
greatest brilliancy	-10715 Jul 09 j 04:25	1° $\text{M}26'21$	-1.8m			
opposition	-10715 Jul 10 j 08:03	0° $\text{M}59'25$	-5°31'34	conjunction	-10710 Oct 27 j 13:19	21° $\Omega58'16$ -0°18'59
	-10715 Jul 12 j 21:38	30° $\text{R}E$		minimum elong	-10710 Oct 27 j 11:42	21° $\Omega55'12$ 0°18'32
direct	-10715 Aug 15 j 12:08	22° $\text{E}46'34$			-10710 Nov 07 j 03:31	0° M
	-10715 Sep 21 j 11:21	0° M		max. Earth dist.	-10710 Dec 11 j 14:21	25° $\text{M}31'18$ 2.44444 AU
	-10715 Nov 24 j 09:33	0° A			-10710 Dec 17 j 18:49	0° E
	-10714 Jan 15 j 13:24	0° Z	morning rise	-10710 Dec 28 j 17:22	7° $\text{E}50'11$	
asc. node	-10714 Feb 03 j 04:38	11° $\text{Z}16'57$		-10709 Jan 29 j 11:35	0° M	
	-10714 Mar 05 j 05:56	0° \approx		-10709 Mar 15 j 13:39	0° A	
	-10714 Apr 20 j 08:53	0° H		-10709 May 02 j 11:18	0° Z	
evening set	-10714 May 05 j 22:25	10° $\text{H}29'59$		-10709 Jun 24 j 00:42	0° \approx	
max. Earth dist.	-10714 May 23 j 01:31	22° $\text{H}17'20$	2.51530 AU	retrograde	-10709 Sep 18 j 16:12	29° $\approx28'24$
	-10714 Jun 03 j 01:46	0° Y		asc. node	-10709 Sep 26 j 16:59	29° $\approx03'29$
			opposition	-10709 Oct 26 j 14:24	20° $\approx46'18$	1°15'33
conjunction	-10714 Jun 26 j 13:45	16° $\text{Y}48'03$	1°09'20	greatest brilliancy	-10709 Oct 26 j 18:57	20° $\approx41'53$ -1.6m
minimum elong	-10714 Jun 26 j 12:26	16° $\text{Y}45'39$	1°09'27	min. Earth dist.	-10709 Oct 31 j 09:51	18° $\approx53'48$ 0.62025 AU
	-10714 Jul 14 j 14:26	0° B		direct	-10709 Dec 06 j 08:28	10° $\approx50'16$
morning rise	-10714 Aug 19 j 23:59	27° $\text{B}21'43$			-10708 Feb 08 j 02:05	0° H
	-10714 Aug 23 j 10:52	0° II			-10708 Mar 30 j 09:44	0° Y
	-10714 Oct 01 j 07:46	0° E			-10708 May 12 j 24:00	0° B
	-10714 Nov 09 j 01:06	0° Ω			-10708 Jun 22 j 08:52	0° II
	-10714 Dec 18 j 12:39	0° M			-10708 Jul 31 j 07:11	0° E
desc. node	-10714 Dec 28 j 18:04	7° $\text{M}35'24$		desc. node	-10708 Aug 19 j 05:30	14° $\text{E}41'42$
	-10713 Jan 28 j 19:10	0° E			-10708 Sep 08 j 00:30	0° Ω
	-10713 Mar 14 j 07:56	0° M			-10708 Oct 17 j 11:57	0° M
	-10713 May 05 j 00:38	0° A	evening set	-10708 Oct 27 j 15:25	7° $\text{M}33'01$	
retrograde	-10713 Jul 09 j 01:27	19° $\text{A}54'51$		-10708 Nov 27 j 11:00	0° E	
min. Earth dist.	-10713 Aug 15 j 09:50	11° $\text{A}02'23$	0.64671 AU			
opposition	-10713 Aug 17 j 23:41	10° $\text{A}00'02$	-4°18'37	conjunction	-10708 Dec 23 j 20:58	18° $\text{E}38'48$ -1°09'55
greatest brilliancy	-10713 Aug 17 j 15:21	10° $\text{A}08'26$	-1.4m	minimum elong	-10708 Dec 23 j 19:28	18° $\text{E}36'12$ 1°10'02

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Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10707 Jan 09 j 08:13	0°♌		retrograde	-10702 Mar 23 j 01:47	22°♏02'10	
max. Earth dist.	-10707 Jan 23 j 14:07	9°♌39'56	2.56272 AU	desc. node	-10702 Apr 11 j 17:19	19°♏29'30	
morning rise	-10707 Feb 15 j 22:40	25°♌13'08		min. Earth dist.	-10702 Apr 19 j 10:38	17°♏23'28	0.40638 AU
	-10707 Feb 23 j 05:24	0°♌		opposition	-10702 Apr 25 j 14:14	15°♏32'56	-1°02'13
	-10707 Apr 10 j 22:20	0°♌		greatest brilliancy	-10702 Apr 25 j 07:26	15°♏38'02	-2.8m
	-10707 May 29 j 08:51	0°♌		direct	-10702 May 26 j 10:49	9°♏59'24	
	-10707 Jul 19 j 11:50	0°♌			-10702 Jul 30 j 02:35	0°♏	
asc. node	-10707 Aug 13 j 15:24	13°♌34'26			-10702 Sep 21 j 07:56	0°♏	
	-10707 Sep 18 j 06:04	0°♌			-10702 Nov 09 j 05:06	0°♏	
retrograde	-10707 Nov 02 j 16:14	10°♌13'06			-10702 Dec 27 j 06:53	0°♌	
opposition	-10707 Dec 07 j 19:31	2°♌52'44	4°55'33		-10701 Feb 13 j 01:13	0°♌	
greatest brilliancy	-10707 Dec 09 j 01:07	2°♌26'10	-2.0m	evening set	-10701 Mar 10 j 13:03	16°♌10'08	
	-10707 Dec 15 j 21:01	30°♌			-10701 Apr 01 j 02:52	0°♌	
min. Earth dist.	-10707 Dec 15 j 13:17	0°♌06'44	0.52105 AU	asc. node	-10701 Apr 04 j 20:14	2°♌24'15	
direct	-10706 Jan 15 j 14:41	23°♌55'13		max. Earth dist.	-10701 Apr 11 j 04:36	6°♌30'58	2.63683 AU
	-10706 Feb 16 j 10:12	0°♌					
	-10706 Apr 15 j 02:09	0°♌		conjunction	-10701 Apr 27 j 11:59	17°♌09'29	0°13'34
	-10706 May 28 j 23:06	0°♌		minimum elong	-10701 Apr 27 j 11:26	17°♌08'36	0°13'07
desc. node	-10706 Jul 07 j 08:48	29°♌02'36		behind sun begin	-10701 Apr 27 j 00:00	16°♌49'51	
	-10706 Jul 08 j 15:27	0°♌		behind sun end	-10701 Apr 27 j 22:53	17°♌27'22	
	-10706 Aug 17 j 14:11	0°♌			-10701 May 16 j 21:58	0°♌	
	-10706 Sep 27 j 01:42	0°♌		morning rise	-10701 Jun 13 j 18:43	18°♌47'36	
	-10706 Nov 07 j 20:43	0°♌			-10701 Jun 30 j 01:55	0°♌	
evening set	-10706 Dec 18 j 22:02	28°♌20'28			-10701 Aug 11 j 14:20	0°♌	
	-10706 Dec 21 j 08:52	0°♌			-10701 Sep 21 j 18:49	0°♌	
	-10705 Feb 04 j 13:25	0°♌			-10701 Nov 01 j 04:30	0°♌	
					-10701 Dec 11 j 16:05	0°♌	
conjunction	-10705 Feb 08 j 05:32	2°♌23'42	-1°07'34		-10700 Jan 22 j 17:03	0°♌	
minimum elong	-10705 Feb 08 j 06:49	2°♌25'47	1°08'05	desc. node	-10700 Feb 27 j 18:03	23°♌24'57	
max. Earth dist.	-10705 Feb 21 j 13:23	11°♌02'57	2.64004 AU		-10700 Mar 10 j 01:05	0°♌	
	-10705 Mar 23 j 00:44	0°♌		retrograde	-10700 May 15 j 10:42	22°♌38'14	
morning rise	-10705 Mar 29 j 04:22	3°♌55'52		min. Earth dist.	-10700 Jun 15 j 05:20	16°♌13'50	0.52428 AU
	-10705 May 09 j 04:47	0°♌		greatest brilliancy	-10700 Jun 21 j 06:52	13°♌58'04	-2.0m
	-10705 Jun 25 j 16:28	0°♌		opposition	-10700 Jun 22 j 15:51	13°♌27'07	-5°22'07
asc. node	-10705 Jul 01 j 09:35	3°♌35'37		direct	-10700 Jul 27 j 11:05	5°♌51'27	
	-10705 Aug 12 j 18:13	0°♌			-10700 Oct 10 j 15:28	0°♌	
	-10705 Oct 02 j 01:52	0°♌			-10700 Dec 04 j 06:12	0°♌	
	-10705 Dec 03 j 06:40	0°♌			-10699 Jan 23 j 11:08	0°♌	
retrograde	-10704 Jan 06 j 23:23	6°♌33'56		asc. node	-10699 Feb 19 j 18:52	16°♌55'07	
opposition	-10704 Feb 07 j 04:15	1°♌09'52	6°32'25		-10699 Mar 12 j 11:21	0°♌	
greatest brilliancy	-10704 Feb 08 j 12:58	0°♌46'23	-2.7m	evening set	-10699 Apr 18 j 23:11	24°♌22'59	
	-10704 Feb 11 j 05:38	30°♌			-10699 Apr 27 j 09:36	0°♌	
min. Earth dist.	-10704 Feb 12 j 16:34	29°♌35'14	0.40521 AU	max. Earth dist.	-10699 May 09 j 03:19	7°♌54'09	2.55784 AU
direct	-10704 Mar 11 j 05:40	25°♌03'47					
	-10704 Apr 08 j 04:38	0°♌		conjunction	-10699 Jun 07 j 22:40	28°♌26'59	0°58'17
desc. node	-10704 May 24 j 12:42	22°♌29'36		minimum elong	-10699 Jun 07 j 20:52	28°♌23'50	0°58'11
	-10704 Jun 05 j 20:14	0°♌			-10699 Jun 10 j 03:39	0°♌	
	-10704 Jul 21 j 07:36	0°♌			-10699 Jul 21 j 20:36	0°♌	
	-10704 Sep 02 j 23:04	0°♌		morning rise	-10699 Jul 29 j 07:31	5°♌29'55	
	-10704 Oct 16 j 20:36	0°♌			-10699 Aug 30 j 23:02	0°♌	
	-10704 Nov 30 j 18:51	0°♌			-10699 Oct 09 j 02:29	0°♌	
	-10703 Jan 15 j 20:11	0°♌			-10699 Nov 17 j 02:24	0°♌	
evening set	-10703 Jan 30 j 00:55	9°♌07'58			-10699 Dec 26 j 21:45	0°♌	
	-10703 Mar 03 j 15:11	0°♌		desc. node	-10698 Jan 14 j 13:21	13°♌37'17	
max. Earth dist.	-10703 Mar 17 j 08:12	8°♌45'49	2.66516 AU		-10698 Feb 06 j 17:52	0°♌	
					-10698 Mar 24 j 19:51	0°♌	
conjunction	-10703 Mar 19 j 11:01	10°♌07'02	-0°33'57		-10698 May 24 j 15:40	0°♌	
minimum elong	-10703 Mar 19 j 12:15	10°♌09'01	0°34'32	retrograde	-10698 Jun 24 j 23:33	5°♌42'03	
	-10703 Apr 19 j 11:12	0°♌			-10698 Jul 23 j 22:53	30°♌	
morning rise	-10703 May 05 j 06:29	10°♌11'49		min. Earth dist.	-10698 Jul 30 j 17:10	27°♌24'07	0.62310 AU
asc. node	-10703 May 18 j 02:08	18°♌30'37		opposition	-10698 Aug 03 j 18:27	25°♌46'45	-4°58'35
	-10703 Jun 04 j 16:29	0°♌		greatest brilliancy	-10698 Aug 03 j 02:49	26°♌02'24	-1.5m
	-10703 Jul 19 j 22:58	0°♌		direct	-10698 Sep 10 j 16:56	16°♌50'29	
	-10703 Sep 02 j 08:00	0°♌			-10698 Nov 02 j 13:06	0°♌	
	-10703 Oct 16 j 06:17	0°♌			-10697 Jan 01 j 00:49	0°♌	
	-10703 Nov 29 j 18:07	0°♌		asc. node	-10697 Jan 07 j 22:12	3°♌54'40	
	-10702 Jan 17 j 04:33	0°♌			-10697 Feb 20 j 15:33	0°♌	

Planetary Phenomena of Mars from -10900 through -10398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 21

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10697 Apr 08 j 10:04	0° H	minimum elong	-10693 Dec 03 j 18:07	28° H 33'29"	0°57'10"	
	-10697 May 22 j 06:17	0° Y		-10693 Dec 05 j 18:10	0° L		
evening set	-10697 Jun 04 j 06:11	9° Y 14'46"	max. Earth dist.	-10692 Jan 10 j 15:22	25° L 17'05"	2.51978 AU	
max. Earth dist.	-10697 Jun 21 j 20:34	22° Y 00'50"	2.44190 AU	-10692 Jan 17 j 11:59	0° M		
	-10697 Jul 02 j 16:14	0° B	morning rise	-10692 Jan 29 j 21:10	8° M 25'21"		
				-10692 Mar 02 j 08:51	0° J		
conjunction	-10697 Jul 29 j 17:28	20° B 22'08"	1°10'39"	-10692 Apr 18 j 08:35	0° Z		
minimum elong	-10697 Jul 29 j 18:45	20° B 24'34"	1°11'05"	-10692 Jun 06 j 19:15	0° \approx		
	-10697 Aug 11 j 07:10	0° II		-10692 Jul 31 j 09:30	0° H		
	-10697 Sep 18 j 21:38	0° E	asc. node	-10692 Aug 30 j 08:28	13° H 24'56"		
morning rise	-10697 Sep 28 j 07:25	7° E 21'22"	retrograde	-10692 Oct 14 j 03:51	23° H 20'23"		
	-10697 Oct 27 j 08:26	0° Ω	opposition	-10692 Nov 19 j 13:32	15° H 22'42"	3°28'57"	
desc. node	-10697 Dec 02 j 06:53	27° Ω 32'56"	greatest brilliancy	-10692 Nov 20 j 07:42	15° H 05'40"	-1.8m	
	-10697 Dec 05 j 12:54	0° H	min. Earth dist.	-10692 Nov 26 j 08:19	12° H 50'19"	0.56567 AU	
	-10696 Jan 15 j 07:55	0° L	direct	-10692 Dec 29 j 12:09	5° H 50'34"		
	-10696 Feb 27 j 16:08	0° M		-10691 Mar 10 j 16:46	0° Y		
	-10696 Apr 15 j 02:01	0° J		-10691 Apr 27 j 06:25	0° B		
	-10696 Jun 11 j 20:41	0° Z		-10691 Jun 08 j 01:02	0° II		
retrograde	-10696 Jul 29 j 13:59	11° Z 26'48"		-10691 Jul 17 j 17:50	0° E		
opposition	-10696 Sep 07 j 08:08	1° Z 43'24"	-2°56'05"	desc. node	-10691 Jul 24 j 00:34	4° E 48'04"	
greatest brilliancy	-10696 Sep 07 j 08:04	1° Z 43'28"	-1.4m		-10691 Aug 26 j 00:37	0° Ω	
min. Earth dist.	-10696 Sep 07 j 01:06	1° Z 50'29"	0.66465 AU		-10691 Oct 04 j 23:31	0° H	
	-10696 Sep 11 j 15:20	30° R J		-10691 Nov 15 j 08:20	0° L		
direct	-10696 Oct 17 j 07:49	22° J 01'36"		-10691 Nov 30 j 00:40	10° L 20'49"		
asc. node	-10696 Nov 25 j 03:56	29° J 43'20"		-10691 Dec 28 j 12:46	0° M		
	-10696 Nov 25 j 22:47	0° Z					
	-10695 Jan 27 j 12:04	0° \approx	conjunction	-10690 Jan 22 j 07:09	16° M 38'56"	-1°13'24"	
	-10695 Mar 17 j 23:13	0° H	minimum elong	-10690 Jan 22 j 07:40	16° M 39'48"	1°13'47"	
	-10695 May 01 j 15:17	0° Y	max. Earth dist.	-10690 Feb 11 j 01:33	29° M 41'32"	2.61588 AU	
	-10695 Jun 12 j 05:15	0° B		-10690 Feb 11 j 12:50	0° J		
	-10695 Jul 21 j 18:12	0° II	morning rise	-10690 Mar 13 j 20:17	19° J 39'10"		
evening set	-10695 Jul 31 j 00:11	7° II 10'06"		-10690 Mar 30 j 00:21	0° Z		
	-10695 Aug 29 j 05:00	0° E		-10690 May 16 j 12:21	0° \approx		
				-10690 Jul 03 j 22:48	0° H		
conjunction	-10695 Oct 01 j 12:00	26° E 05'22"	0°13'25"	asc. node	-10690 Jul 18 j 03:49	8° H 37'52"	
minimum elong	-10695 Oct 01 j 13:18	26° E 07'53"	0°13'57"		-10690 Aug 23 j 09:56	0° Y	
behind sun begin	-10695 Sep 30 j 23:05	25° E 40'11"			-10690 Oct 21 j 03:49	0° B	
behind sun end	-10695 Oct 02 j 03:31	26° E 35'36"		retrograde	-10690 Dec 09 j 08:46	11° B 56'26"	
	-10695 Oct 06 j 12:27	0° Ω		opposition	-10689 Jan 11 j 03:25	5° B 47'21"	6°38'39"
desc. node	-10695 Oct 19 j 01:17	9° Ω 43'12"		greatest brilliancy	-10689 Jan 12 j 21:07	5° B 14'12"	-2.4m
max. Earth dist.	-10695 Nov 06 j 22:50	24° Ω 12'56"	2.39878 AU	min. Earth dist.	-10689 Jan 18 j 22:40	3° B 19'28"	0.44665 AU
	-10695 Nov 14 j 13:57	0° H			-10689 Jan 31 j 12:31	30° R Y	
morning rise	-10695 Dec 05 j 03:32	15° H 22'32"		direct	-10689 Feb 15 j 21:50	28° Y 23'29"	
	-10695 Dec 25 j 03:56	0° L			-10689 Mar 03 j 11:33	0° B	
	-10694 Feb 05 j 21:08	0° M			-10689 May 07 j 15:35	0° II	
	-10694 Mar 23 j 05:39	0° J		desc. node	-10689 Jun 11 j 06:00	22° II 54'17"	
	-10694 May 11 j 03:40	0° Z			-10689 Jun 21 j 10:25	0° E	
	-10694 Jul 07 j 01:36	0° \approx			-10689 Aug 02 j 10:56	0° Ω	
retrograde	-10694 Sep 03 j 12:38	15° \approx 42'34"			-10689 Sep 13 j 07:32	0° H	
opposition	-10694 Oct 12 j 04:23	6° \approx 38'16"	-0°02'53"		-10689 Oct 26 j 02:19	0° L	
greatest brilliancy	-10694 Oct 12 j 04:39	6° \approx 38'00"	-1.5m		-10689 Dec 09 j 07:10	0° M	
asc. node	-10694 Oct 13 j 08:30	6° \approx 10'26"		evening set	-10688 Jan 15 j 00:14	24° M 12'17"	
min. Earth dist.	-10694 Oct 15 j 14:13	5° \approx 17'16"	0.64453 AU		-10688 Jan 23 j 21:57	0° J	
	-10694 Oct 30 j 12:22	30° R Z					
direct	-10694 Nov 22 j 00:30	26° Z 38'58"		conjunction	-10688 Mar 04 j 05:54	25° J 59'12"	-0°49'25"
	-10694 Dec 16 j 06:41	0° \approx		minimum elong	-10688 Mar 04 j 07:26	26° J 01'40"	0°50'01"
	-10693 Feb 21 j 03:49	0° H		max. Earth dist.	-10688 Mar 08 j 01:14	28° J 25'26"	2.66169 AU
	-10693 Apr 09 j 22:22	0° Y			-10688 Mar 10 j 12:18	0° Z	
	-10693 May 22 j 13:09	0° B		morning rise	-10688 Apr 20 j 13:59	26° Z 16'22"	
	-10693 Jul 01 j 12:07	0° II			-10688 Apr 26 j 09:38	0° \approx	
	-10693 Aug 09 j 04:31	0° E		asc. node	-10688 Jun 03 j 20:15	24° \approx 43'52"	
desc. node	-10693 Sep 05 j 22:19	21° E 38'22"			-10688 Jun 11 j 23:38	0° H	
	-10693 Sep 16 j 16:51	0° Ω			-10688 Jul 28 j 00:46	0° Y	
evening set	-10693 Oct 04 j 19:30	13° Ω 56'32"			-10688 Sep 11 j 19:36	0° B	
	-10693 Oct 25 j 23:34	0° H			-10688 Oct 28 j 07:20	0° II	
					-10688 Dec 17 j 16:11	0° E	
conjunction	-10693 Dec 03 j 20:47	28° H 38'17"	-0°57'16"	retrograde	-10687 Feb 23 j 08:23	22° E 26'19"	

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Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

min. Earth dist.	-10687 Mar 24 j 16:10	17° \mathfrak{D} 34'17	0.38408 AU			-10682 Apr 15 j 16:00	0° \mathfrak{H}	
opposition	-10687 Mar 26 j 14:47	17° \mathfrak{D} 02'42	2°34'23	evening set		-10682 May 16 j 04:30	20° \mathfrak{H} 44'46	
greatest brilliancy	-10687 Mar 26 j 13:43	17° \mathfrak{D} 03'25	-2.9m			-10682 May 29 j 10:15	0° \mathfrak{Y}	
direct	-10687 Apr 25 j 22:44	11° \mathfrak{D} 56'40		max. Earth dist.		-10682 Jun 01 j 11:14	2° \mathfrak{Y} 08'52	2.48945 AU
desc. node	-10687 Apr 28 j 10:10	11° \mathfrak{D} 59'02						
	-10687 Jun 24 j 13:16	0° \mathfrak{Q}		conjunction		-10682 Jul 08 j 00:45	28° \mathfrak{Y} 36'07	1°12'33
	-10687 Aug 15 j 16:52	0° \mathfrak{M}		minimum elong		-10682 Jul 08 j 00:08	28° \mathfrak{Y} 34'58	1°12'47
	-10687 Oct 02 j 00:53	0° \mathfrak{L}				-10682 Jul 09 j 22:07	0° \mathfrak{B}	
	-10687 Nov 17 j 18:17	0° \mathfrak{M}				-10682 Aug 18 j 16:36	0° \mathfrak{I}	
	-10686 Jan 03 j 19:26	0° \mathfrak{A}		morning rise		-10682 Sep 02 j 13:03	11° \mathfrak{I} 26'05	
	-10686 Feb 20 j 02:04	0° \mathfrak{Z}				-10682 Sep 26 j 11:08	0° \mathfrak{D}	
evening set	-10686 Feb 23 j 07:54	2° \mathfrak{Z} 03'42				-10682 Nov 04 j 01:40	0° \mathfrak{Q}	
max. Earth dist.	-10686 Apr 01 j 07:08	25° \mathfrak{Z} 41'00	2.65419 AU			-10682 Dec 13 j 09:48	0° \mathfrak{M}	
	-10686 Apr 07 j 24:00	0° \mathfrak{A}		desc. node		-10682 Dec 19 j 03:09	4° \mathfrak{M} 16'35	
						-10681 Jan 23 j 10:31	0° \mathfrak{L}	
conjunction	-10686 Apr 12 j 04:56	2° \mathfrak{A} 42'54	-0°05'36			-10681 Mar 08 j 08:48	0° \mathfrak{M}	
minimum elong	-10686 Apr 12 j 05:09	2° \mathfrak{A} 43'16	0°06'08			-10681 Apr 26 j 19:28	0° \mathfrak{A}	
behind sun begin	-10686 Apr 11 j 10:47	2° \mathfrak{A} 13'37		retrograde		-10681 Jul 16 j 23:20	28° \mathfrak{A} 09'50	
behind sun end	-10686 Apr 12 j 23:31	3° \mathfrak{A} 12'55		min. Earth dist.		-10681 Aug 24 j 02:36	19° \mathfrak{A} 00'46	0.65572 AU
asc. node	-10686 Apr 21 j 13:31	8° \mathfrak{A} 46'46		opposition		-10681 Aug 25 j 21:14	18° \mathfrak{A} 17'45	-3°50'47
	-10686 May 23 j 21:44	0° \mathfrak{H}		greatest brilliancy		-10681 Aug 25 j 16:20	18° \mathfrak{A} 22'41	-1.4m
morning rise	-10686 May 28 j 23:02	3° \mathfrak{H} 21'30		direct		-10681 Oct 04 j 04:47	8° \mathfrak{A} 50'33	
	-10686 Jul 07 j 09:47	0° \mathfrak{Y}		asc. node		-10681 Dec 12 j 17:59	29° \mathfrak{A} 28'05	
	-10686 Aug 19 j 11:27	0° \mathfrak{B}				-10681 Dec 13 j 20:31	0° \mathfrak{Z}	
	-10686 Sep 30 j 09:50	0° \mathfrak{I}				-10680 Feb 06 j 21:58	0° \mathfrak{A}	
	-10686 Nov 10 j 18:27	0° \mathfrak{D}				-10680 Mar 25 j 23:17	0° \mathfrak{H}	
	-10686 Dec 22 j 14:27	0° \mathfrak{Q}				-10680 May 09 j 05:06	0° \mathfrak{Y}	
	-10685 Feb 05 j 09:46	0° \mathfrak{M}				-10680 Jun 19 j 16:18	0° \mathfrak{B}	
desc. node	-10685 Mar 16 j 11:30	21° \mathfrak{M} 22'10		evening set		-10680 Jul 06 j 21:40	12° \mathfrak{B} 55'39	
	-10685 Apr 10 j 12:00	0° \mathfrak{L}				-10680 Jul 29 j 05:01	0° \mathfrak{I}	
retrograde	-10685 Apr 27 j 15:34	1° \mathfrak{L} 58'56		max. Earth dist.		-10680 Aug 24 j 07:18	20° \mathfrak{I} 18'17	2.38357 AU
	-10685 May 14 j 05:56	30° \mathfrak{R} \mathfrak{M}						
min. Earth dist.	-10685 May 26 j 09:11	26° \mathfrak{M} 25'34	0.47557 AU	conjunction		-10680 Sep 05 j 03:43	29° \mathfrak{I} 35'25	0°43'39
greatest brilliancy	-10685 Jun 02 j 03:32	24° \mathfrak{M} 03'47	-2.3m	minimum elong		-10680 Sep 05 j 06:54	29° \mathfrak{I} 41'40	0°44'12
opposition	-10685 Jun 03 j 11:35	23° \mathfrak{M} 35'34	-4°32'14			-10680 Sep 05 j 16:15	0° \mathfrak{D}	
direct	-10685 Jul 06 j 18:45	16° \mathfrak{M} 44'41				-10680 Oct 13 j 23:51	0° \mathfrak{Q}	
	-10685 Aug 27 j 04:48	0° \mathfrak{L}		desc. node		-10680 Nov 04 j 20:18	16° \mathfrak{Q} 53'44	
	-10685 Oct 24 j 03:30	0° \mathfrak{M}		morning rise		-10680 Nov 09 j 03:56	20° \mathfrak{Q} 12'13	
	-10685 Dec 14 j 01:12	0° \mathfrak{A}				-10680 Nov 22 j 01:10	0° \mathfrak{M}	
	-10684 Feb 01 j 00:19	0° \mathfrak{Z}				-10679 Jan 01 j 15:25	0° \mathfrak{L}	
asc. node	-10684 Mar 08 j 10:43	22° \mathfrak{Z} 54'20				-10679 Feb 13 j 11:18	0° \mathfrak{M}	
	-10684 Mar 19 j 13:09	0° \mathfrak{A}				-10679 Mar 31 j 07:11	0° \mathfrak{A}	
evening set	-10684 Apr 02 j 20:18	9° \mathfrak{A} 13'49				-10679 May 20 j 22:16	0° \mathfrak{Z}	
max. Earth dist.	-10684 Apr 27 j 02:59	25° \mathfrak{A} 10'04	2.59444 AU			-10679 Jul 30 j 12:36	0° \mathfrak{A}	
	-10684 May 04 j 09:02	0° \mathfrak{H}		retrograde		-10679 Aug 20 j 05:35	2° \mathfrak{A} 27'27	
						-10679 Sep 08 j 11:08	30° \mathfrak{R} \mathfrak{Z}	
conjunction	-10684 May 21 j 16:46	11° \mathfrak{H} 40'55	0°42'38	opposition		-10679 Sep 28 j 10:28	23° \mathfrak{Z} 04'58	-1°15'05
minimum elong	-10684 May 21 j 15:11	11° \mathfrak{H} 38'13	0°42'23	greatest brilliancy		-10679 Sep 28 j 13:01	23° \mathfrak{Z} 02'25	-1.4m
	-10684 Jun 17 j 06:00	0° \mathfrak{Y}		min. Earth dist.		-10679 Sep 30 j 09:36	22° \mathfrak{Z} 17'51	0.65984 AU
morning rise	-10684 Jul 09 j 21:49	16° \mathfrak{Y} 02'25		asc. node		-10679 Oct 29 j 22:50	13° \mathfrak{Z} 41'49	
	-10684 Jul 29 j 05:17	0° \mathfrak{B}		direct		-10679 Nov 08 j 02:23	13° \mathfrak{Z} 08'51	
	-10684 Sep 07 j 15:54	0° \mathfrak{I}				-10678 Jan 07 j 17:22	0° \mathfrak{A}	
	-10684 Oct 17 j 04:22	0° \mathfrak{D}				-10678 Mar 03 j 11:58	0° \mathfrak{H}	
	-10684 Nov 25 j 13:41	0° \mathfrak{Q}				-10678 Apr 18 j 13:48	0° \mathfrak{Y}	
	-10683 Jan 04 j 21:09	0° \mathfrak{M}				-10678 May 30 j 15:34	0° \mathfrak{B}	
desc. node	-10683 Jan 31 j 09:32	18° \mathfrak{M} 53'03				-10678 Jul 09 j 08:57	0° \mathfrak{I}	
	-10683 Feb 16 j 17:10	0° \mathfrak{L}				-10678 Aug 16 j 21:53	0° \mathfrak{D}	
	-10683 Apr 07 j 03:20	0° \mathfrak{M}		evening set		-10678 Sep 09 j 05:59	18° \mathfrak{D} 16'33	
retrograde	-10683 Jun 10 j 04:05	20° \mathfrak{M} 26'05		desc. node		-10678 Sep 22 j 17:37	28° \mathfrak{D} 47'28	
min. Earth dist.	-10683 Jul 14 j 02:42	12° \mathfrak{M} 48'05	0.59057 AU			-10678 Sep 24 j 06:56	0° \mathfrak{Q}	
opposition	-10683 Jul 19 j 14:39	10° \mathfrak{M} 38'00	-5°25'02			-10678 Nov 02 j 10:07	0° \mathfrak{M}	
greatest brilliancy	-10683 Jul 18 j 15:05	11° \mathfrak{M} 01'16	-1.7m					
direct	-10683 Aug 25 j 10:35	2° \mathfrak{M} 08'08		conjunction		-10678 Nov 10 j 15:07	6° \mathfrak{M} 09'53	-0°35'14
	-10683 Nov 17 j 01:50	0° \mathfrak{A}		minimum elong		-10678 Nov 10 j 12:31	6° \mathfrak{M} 05'02	0°34'54
	-10682 Jan 10 j 01:12	0° \mathfrak{Z}				-10678 Dec 13 j 01:23	0° \mathfrak{L}	
asc. node	-10682 Jan 24 j 12:30	8° \mathfrak{Z} 36'09		max. Earth dist.		-10678 Dec 24 j 06:21	8° \mathfrak{L} 01'59	2.47154 AU
	-10682 Feb 28 j 07:46	0° \mathfrak{A}		morning rise		-10677 Jan 10 j 00:48	19° \mathfrak{L} 51'00	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10677 Jan 24 j 17:01	0°♌			-10672 May 24 j 02:09	0°♏		
	-10677 Mar 10 j 15:35	0°♊			-10672 Jul 13 j 06:34	0°♎		
	-10677 Apr 27 j 02:26	0°♈			-10672 Aug 27 j 13:59	0°♍		
	-10677 Jun 17 j 03:34	0°♊			-10672 Oct 11 j 08:16	0°♑		
	-10677 Aug 18 j 20:42	0°♋			-10672 Nov 25 j 18:13	0°♌		
asc. node	-10677 Sep 17 j 00:17	7°♋25'49			-10671 Jan 11 j 02:24	0°♊		
retrograde	-10677 Sep 27 j 21:15	8°♋07'59		evening set	-10671 Feb 07 j 23:44	17°♊50'55		
	-10677 Nov 03 j 11:00	30°♋			-10671 Feb 27 j 00:43	0°♈		
opposition	-10677 Nov 04 j 07:43	29°♋40'06	2°03'10	max. Earth dist.	-10671 Mar 22 j 20:07	15°♈12'40	2.66346 AU	
greatest brilliancy	-10677 Nov 04 j 16:20	29°♋31'47	-1.6m					
min. Earth dist.	-10677 Nov 09 j 20:38	27°♋32'00	0.60309 AU	conjunction	-10671 Mar 28 j 03:06	18°♈35'56	-0°23'57	
direct	-10677 Dec 14 j 21:16	19°♋49'32		minimum elong	-10671 Mar 28 j 04:01	18°♈37'25	0°24'33	
	-10676 Jan 27 j 14:56	0°♋			-10671 Apr 14 j 20:58	0°♊		
	-10676 Mar 23 j 16:28	0°♌		asc. node	-10671 May 08 j 07:31	15°♊10'24		
	-10676 May 07 j 06:46	0°♍		morning rise	-10671 May 13 j 19:33	18°♊45'30		
	-10676 Jun 17 j 01:16	0°♎			-10671 May 30 j 23:12	0°♋		
	-10676 Jul 26 j 05:08	0°♏			-10671 Jul 14 j 22:09	0°♌		
desc. node	-10676 Aug 09 j 17:54	11°♏14'07			-10671 Aug 27 j 18:09	0°♍		
	-10676 Sep 03 j 02:12	0°♎			-10671 Oct 09 j 19:13	0°♎		
	-10676 Oct 12 j 16:35	0°♏			-10671 Nov 21 j 18:51	0°♏		
evening set	-10676 Nov 09 j 06:05	20°♏16'54			-10670 Jan 05 j 12:09	0°♎		
	-10676 Nov 22 j 17:55	0°♑			-10670 Mar 01 j 13:33	0°♏		
				desc. node	-10670 Apr 02 j 05:10	7°♏40'40		
conjunction	-10675 Jan 03 j 23:46	29°♑31'47	-1°13'15	retrograde	-10670 Apr 05 j 22:42	7°♏46'29		
minimum elong	-10675 Jan 03 j 23:05	29°♑30'37	1°13'29	min. Earth dist.	-10670 May 03 j 07:42	2°♏55'42	0.42830 AU	
	-10675 Jan 04 j 16:18	0°♌		opposition	-10670 May 10 j 18:55	0°♏33'21	-2°40'04	
max. Earth dist.	-10675 Jan 30 j 18:14	17°♌35'12	2.58346 AU	greatest brilliancy	-10670 May 09 j 23:35	0°♏48'46	-2.6m	
	-10675 Feb 18 j 13:15	0°♊			-10670 May 12 j 13:04	30°♌		
morning rise	-10675 Feb 25 j 16:17	4°♊39'30		direct	-10670 Jun 11 j 10:02	24°♌33'19		
	-10675 Apr 06 j 02:47	0°♈			-10670 Jul 12 j 05:12	0°♏		
	-10675 May 24 j 02:55	0°♊			-10670 Sep 13 j 11:29	0°♑		
	-10675 Jul 13 j 00:05	0°♋			-10670 Nov 03 j 07:48	0°♌		
asc. node	-10675 Aug 03 j 21:12	12°♋30'22			-10670 Dec 22 j 04:28	0°♊		
	-10675 Sep 06 j 01:33	0°♌			-10669 Feb 08 j 07:28	0°♈		
retrograde	-10675 Nov 14 j 21:27	21°♌09'01		evening set	-10669 Mar 19 j 07:06	24°♈42'46		
opposition	-10675 Dec 19 j 06:59	14°♌12'15	5°40'34	asc. node	-10669 Mar 26 j 03:02	29°♈05'51		
greatest brilliancy	-10675 Dec 20 j 18:42	13°♌41'19	-2.1m		-10669 Mar 27 j 12:42	0°♊		
min. Earth dist.	-10675 Dec 27 j 08:59	11°♌25'13	0.49467 AU	max. Earth dist.	-10669 Apr 17 j 03:28	13°♊22'02	2.62389 AU	
direct	-10674 Jan 26 j 04:57	5°♌42'15						
	-10674 Apr 05 j 14:19	0°♍		conjunction	-10669 May 06 j 10:56	26°♊04'55	0°24'31	
	-10674 May 21 j 22:55	0°♎		minimum elong	-10669 May 06 j 09:58	26°♊03'19	0°24'07	
desc. node	-10674 Jun 27 j 21:00	26°♎33'02			-10669 May 12 j 08:14	0°♋		
	-10674 Jul 02 j 13:32	0°♏		morning rise	-10669 Jun 23 j 06:02	28°♋30'21		
	-10674 Aug 12 j 00:55	0°♎			-10669 Jun 25 j 09:41	0°♌		
	-10674 Sep 21 j 21:12	0°♏			-10669 Aug 06 j 17:10	0°♍		
	-10674 Nov 02 j 22:43	0°♑			-10669 Sep 16 j 14:22	0°♎		
	-10674 Dec 16 j 15:15	0°♌			-10669 Oct 26 j 15:02	0°♏		
evening set	-10674 Dec 29 j 01:57	8°♌20'27			-10669 Dec 05 j 14:32	0°♎		
	-10673 Jan 30 j 22:22	0°♊			-10668 Jan 15 j 18:56	0°♏		
				desc. node	-10668 Feb 18 j 03:22	22°♏41'45		
conjunction	-10673 Feb 17 j 13:02	11°♊26'11	-1°02'00		-10668 Feb 29 j 15:48	0°♑		
minimum elong	-10673 Feb 17 j 14:32	11°♊28'37	1°02'33		-10668 May 01 j 10:25	0°♌		
max. Earth dist.	-10673 Feb 27 j 08:39	17°♊46'17	2.64995 AU	retrograde	-10668 May 25 j 06:17	3°♌36'35		
	-10673 Mar 18 j 09:48	0°♈			-10668 Jun 16 j 19:03	30°♌		
morning rise	-10673 Apr 06 j 19:30	12°♈23'57		min. Earth dist.	-10668 Jun 26 j 05:23	26°♌44'11	0.54997 AU	
	-10673 May 04 j 10:29	0°♊		greatest brilliancy	-10668 Jul 01 j 18:20	24°♌36'55	-1.9m	
	-10673 Jun 20 j 12:56	0°♋		opposition	-10668 Jul 03 j 00:52	24°♌07'34	-5°31'37	
asc. node	-10673 Jun 21 j 14:57	0°♋41'27		direct	-10668 Aug 07 j 14:12	16°♌10'27		
	-10673 Aug 06 j 17:17	0°♌			-10668 Sep 30 j 06:15	0°♌		
	-10673 Sep 23 j 20:27	0°♍			-10668 Nov 28 j 00:50	0°♊		
	-10673 Nov 15 j 04:42	0°♎			-10667 Jan 18 j 06:58	0°♈		
retrograde	-10672 Jan 24 j 05:05	22°♎32'49		asc. node	-10667 Feb 10 j 03:02	13°♈58'09		
opposition	-10672 Feb 24 j 01:19	17°♎22'56	5°39'03		-10667 Mar 07 j 16:46	0°♊		
greatest brilliancy	-10672 Feb 24 j 21:07	17°♎09'23	-2.8m		-10667 Apr 22 j 18:46	0°♋		
min. Earth dist.	-10672 Feb 27 j 06:23	16°♎30'20	0.39025 AU	evening set	-10667 Apr 28 j 12:38	3°♋51'00		
direct	-10672 Mar 26 j 15:12	11°♎52'16		max. Earth dist.	-10667 May 16 j 20:25	16°♋18'08	2.53517 AU	
desc. node	-10672 May 15 j 01:55	25°♎28'40			-10667 Jun 05 j 13:19	0°♌		

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Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

conjunction	-10667 Jun 18 j 08:02	9°Υ03'16	1°05'18		-10662 Mar 18 j 03:46	0°♊	
minimum elong	-10667 Jun 18 j 06:24	9°Υ00'23	1°05'20		-10662 May 05 j 08:29	0°♊	
	-10667 Jul 17 j 04:56	0°♊			-10662 Jun 28 j 05:13	0°♊	
morning rise	-10667 Aug 10 j 06:31	17°♊56'07		retrograde	-10662 Sep 12 j 02:44	23°♊58'26	
	-10667 Aug 26 j 04:33	0°♊		asc. node	-10662 Oct 03 j 15:31	20°♊56'12	
	-10667 Oct 04 j 04:30	0°♊		opposition	-10662 Oct 20 j 09:08	15°♊05'43	0°41'47
	-10667 Nov 12 j 00:11	0°♊		greatest brilliancy	-10662 Oct 20 j 11:18	15°♊03'36	-1.5m
	-10667 Dec 21 j 13:48	0°♊		min. Earth dist.	-10662 Oct 24 j 13:12	13°♊27'25	0.63230 AU
desc. node	-10666 Jan 04 j 23:51	10°♊38'36		direct	-10662 Nov 30 j 04:41	5°♊07'24	
	-10666 Jan 31 j 23:57	0°♊			-10661 Feb 13 j 10:29	0°♊	
	-10666 Mar 17 j 23:05	0°♊			-10661 Apr 04 j 01:10	0°♊	
	-10666 May 10 j 20:47	0°♊			-10661 May 17 j 05:47	0°♊	
retrograde	-10666 Jul 03 j 03:58	14°♊24'45			-10661 Jun 26 j 10:39	0°♊	
min. Earth dist.	-10666 Aug 08 j 19:30	5°♊47'15	0.63736 AU		-10661 Aug 04 j 06:23	0°♊	
opposition	-10666 Aug 12 j 01:37	4°♊28'41	-4°36'48	desc. node	-10661 Aug 27 j 10:31	18°♊02'19	
greatest brilliancy	-10666 Aug 11 j 14:09	4°♊40'13	-1.5m		-10661 Sep 11 j 20:55	0°♊	
	-10666 Aug 23 j 22:20	30°♊		evening set	-10661 Oct 18 j 12:54	27°♊59'17	
direct	-10666 Sep 19 j 13:12	25°♊20'09			-10661 Oct 21 j 05:10	0°♊	
	-10666 Oct 18 j 22:23	0°♊			-10661 Dec 01 j 01:01	0°♊	
	-10666 Dec 25 j 12:49	0°♊					
asc. node	-10666 Dec 29 j 06:43	2°♊02'10		conjunction	-10661 Dec 16 j 01:34	10°♊42'23	-1°05'34
	-10665 Feb 15 j 09:04	0°♊		minimum elong	-10661 Dec 15 j 23:29	10°♊38'42	1°05'37
	-10665 Apr 03 j 13:39	0°♊			-10660 Jan 12 j 19:14	0°♊	
	-10665 May 17 j 13:25	0°♊		max. Earth dist.	-10660 Jan 19 j 01:19	4°♊16'09	2.54420 AU
evening set	-10665 Jun 15 j 21:00	21°♊03'06		morning rise	-10660 Feb 09 j 09:41	18°♊38'05	
	-10665 Jun 28 j 00:17	0°♊			-10660 Feb 26 j 14:56	0°♊	
max. Earth dist.	-10665 Jul 07 j 08:28	6°♊58'24	2.41682 AU		-10660 Apr 13 j 09:16	0°♊	
	-10665 Aug 06 j 14:40	0°♊			-10660 Jun 01 j 03:56	0°♊	
					-10660 Jul 23 j 10:17	0°♊	
conjunction	-10665 Aug 11 j 23:55	4°♊09'21	1°04'24	asc. node	-10660 Aug 20 j 14:43	14°♊20'07	
minimum elong	-10665 Aug 12 j 02:20	4°♊14'01	1°04'55		-10660 Oct 01 j 03:30	0°♊	
	-10665 Sep 14 j 04:06	0°♊		retrograde	-10660 Oct 24 j 22:51	3°♊10'00	
morning rise	-10665 Oct 13 j 15:30	23°♊03'28			-10660 Nov 16 j 04:41	30°♊	
	-10665 Oct 22 j 13:28	0°♊		opposition	-10660 Nov 29 j 16:50	25°♊31'52	4°18'41
desc. node	-10665 Nov 22 j 17:32	23°♊59'16		greatest brilliancy	-10660 Nov 30 j 17:18	25°♊09'26	-1.9m
	-10665 Nov 30 j 15:57	0°♊		min. Earth dist.	-10660 Dec 07 j 01:36	22°♊50'19	0.54180 AU
	-10664 Jan 10 j 07:54	0°♊		direct	-10659 Jan 08 j 01:53	16°♊16'45	
	-10664 Feb 22 j 09:09	0°♊			-10659 Feb 27 j 13:12	0°♊	
	-10664 Apr 08 j 23:46	0°♊			-10659 Apr 20 j 03:49	0°♊	
	-10664 Jun 01 j 20:28	0°♊			-10659 Jun 01 j 23:44	0°♊	
retrograde	-10664 Aug 06 j 10:26	19°♊24'59			-10659 Jul 12 j 04:43	0°♊	
opposition	-10664 Sep 15 j 00:59	9°♊47'52	-2°20'49	desc. node	-10659 Jul 14 j 13:20	1°♊47'04	
greatest brilliancy	-10664 Sep 15 j 02:34	9°♊46'17	-1.4m		-10659 Aug 20 j 19:23	0°♊	
min. Earth dist.	-10664 Sep 15 j 13:01	9°♊35'46	0.66556 AU		-10659 Sep 29 j 23:55	0°♊	
	-10664 Oct 24 j 15:59	30°♊			-10659 Nov 10 j 13:02	0°♊	
direct	-10664 Oct 25 j 07:43	29°♊59'50		evening set	-10659 Dec 10 j 23:44	21°♊13'27	
	-10664 Oct 25 j 23:31	0°♊			-10659 Dec 23 j 20:16	0°♊	
asc. node	-10664 Nov 15 j 12:11	2°♊31'51					
	-10663 Jan 20 j 15:47	0°♊		conjunction	-10658 Feb 01 j 03:04	26°♊12'42	-1°10'38
	-10663 Mar 12 j 12:36	0°♊		minimum elong	-10658 Feb 01 j 04:06	26°♊14'23	1°11'05
	-10663 Apr 26 j 15:15	0°♊			-10658 Feb 06 j 21:44	0°♊	
	-10663 Jun 07 j 09:20	0°♊		max. Earth dist.	-10658 Feb 17 j 05:45	6°♊44'33	2.63021 AU
	-10663 Jul 16 j 23:43	0°♊		morning rise	-10658 Mar 22 j 17:42	28°♊20'06	
evening set	-10663 Aug 14 j 07:57	22°♊03'34			-10658 Mar 25 j 08:13	0°♊	
	-10663 Aug 24 j 11:04	0°♊			-10658 May 11 j 15:06	0°♊	
	-10663 Oct 01 j 18:38	0°♊			-10658 Jun 28 j 11:36	0°♊	
desc. node	-10663 Oct 09 j 11:39	5°♊59'17		asc. node	-10658 Jul 08 j 09:39	6°♊09'38	
					-10658 Aug 16 j 10:02	0°♊	
conjunction	-10663 Oct 16 j 08:27	11°♊17'51	-0°05'16		-10658 Oct 08 j 04:30	0°♊	
minimum elong	-10663 Oct 16 j 07:59	11°♊16'57	0°04'47	retrograde	-10658 Dec 25 j 02:15	25°♊45'56	
behind sun begin	-10663 Oct 15 j 05:50	10°♊26'30		opposition	-10657 Jan 25 j 21:28	20°♊03'30	6°46'13
behind sun end	-10663 Oct 17 j 10:08	12°♊07'20		greatest brilliancy	-10657 Jan 27 j 12:42	19°♊34'01	-2.6m
	-10663 Nov 09 j 20:00	0°♊		min. Earth dist.	-10657 Feb 01 j 17:12	18°♊00'58	0.42201 AU
max. Earth dist.	-10663 Nov 29 j 11:01	14°♊41'00	2.42272 AU	direct	-10657 Mar 01 j 05:09	13°♊22'52	
morning rise	-10663 Dec 18 j 20:03	28°♊52'12			-10657 Apr 24 j 21:41	0°♊	
	-10663 Dec 20 j 09:33	0°♊		desc. node	-10657 Jun 01 j 17:02	22°♊24'27	
	-10662 Feb 01 j 00:50	0°♊			-10657 Jun 13 j 06:16	0°♊	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10657 Jul 26 j 20:33	0°♈	conjunction	-10652 May 31 j 09:31	21°♋28'37	0°52'02
	-10657 Sep 07 j 13:30	0°♍	minimum elong	-10652 May 31 j 07:45	21°♋25'34	0°51'52
	-10657 Oct 20 j 21:11	0°♊		-10652 Jun 12 j 15:21	0°♍	
	-10657 Dec 04 j 10:06	0°♌	morning rise	-10652 Jul 20 j 16:26	27°♍12'41	
	-10656 Jan 19 j 05:46	0°♎		-10652 Jul 24 j 12:02	0°♏	
evening set	-10656 Jan 24 j 06:53	3°♎15'48		-10652 Sep 02 j 18:31	0°♐	
	-10656 Mar 05 j 22:04	0°♑		-10652 Oct 12 j 02:00	0°♑	
				-10652 Nov 20 j 05:36	0°♒	
conjunction	-10656 Mar 13 j 00:30	4°♑32'28 -0°40'45		-10652 Dec 30 j 04:44	0°♓	
minimum elong	-10656 Mar 13 j 01:53	4°♑34'42 0°41'20	desc. node	-10651 Jan 21 j 19:43	16°♓22'54	
max. Earth dist.	-10656 Mar 13 j 14:35	4°♑55'00 2.66468 AU		-10651 Feb 10 j 08:02	0°♈	
	-10656 Apr 21 j 18:36	0°♈		-10651 Mar 29 j 08:39	0°♉	
morning rise	-10656 Apr 29 j 00:12	4°♈39'00	retrograde	-10651 Jun 18 j 18:47	29°♉44'47	
asc. node	-10656 May 25 j 02:25	21°♈30'18	min. Earth dist.	-10651 Jul 23 j 17:36	21°♉44'18 0.60955 AU	
	-10656 Jun 07 j 03:57	0°♊	opposition	-10651 Jul 28 j 10:56	19°♉51'31 -5°11'50	
	-10656 Jul 22 j 18:29	0°♋	greatest brilliancy	-10651 Jul 27 j 15:44	20°♉10'37 -1.6m	
	-10656 Sep 05 j 17:19	0°♌	direct	-10651 Sep 03 j 22:00	11°♉06'32	
	-10656 Oct 20 j 14:00	0°♍		-10651 Nov 08 j 12:53	0°♎	
	-10656 Dec 05 j 20:45	0°♏		-10650 Jan 04 j 06:19	0°♑	
	-10655 Jan 29 j 15:49	0°♐	asc. node	-10650 Jan 14 j 20:33	6°♑08'24	
retrograde	-10655 Mar 11 j 11:59	9°♐47'10		-10650 Feb 23 j 07:19	0°♒	
min. Earth dist.	-10655 Apr 08 j 09:16	5°♐09'30 0.39301 AU		-10650 Apr 10 j 22:36	0°♓	
opposition	-10655 Apr 12 j 22:23	3°♐51'44 0°27'54		-10650 May 24 j 19:09	0°♈	
greatest brilliancy	-10655 Apr 12 j 21:02	3°♐52'42 -2.9m	evening set	-10650 May 26 j 20:14	1°♈26'32	
desc. node	-10655 Apr 18 j 21:49	2°♐12'15	max. Earth dist.	-10650 Jun 12 j 03:12	13°♈03'59 2.46332 AU	
	-10655 Apr 28 j 13:41	30°♐♌		-10650 Jul 05 j 07:05	0°♉	
direct	-10655 May 13 j 09:21	28°♌35'21				
	-10655 May 28 j 07:46	0°♒	conjunction	-10650 Jul 20 j 00:53	11°♉00'31 1°12'48	
	-10655 Aug 06 j 13:17	0°♓	minimum elong	-10650 Jul 20 j 01:15	11°♉01'13 1°13'08	
	-10655 Sep 25 j 12:17	0°♈		-10650 Aug 14 j 00:10	0°♊	
	-10655 Nov 12 j 07:16	0°♉	morning rise	-10650 Sep 16 j 18:33	26°♊09'53	
	-10655 Dec 29 j 21:05	0°♋		-10650 Sep 21 j 16:34	0°♌	
	-10654 Feb 15 j 09:53	0°♍		-10650 Oct 30 j 04:41	0°♍	
evening set	-10654 Mar 04 j 01:46	10°♍34'24		-10650 Dec 08 j 09:44	0°♎	
	-10654 Apr 03 j 10:08	0°♏	desc. node	-10650 Dec 09 j 13:16	0°♎51'45	
max. Earth dist.	-10654 Apr 06 j 23:58	2°♏18'29 2.64566 AU		-10649 Jan 18 j 05:39	0°♏	
asc. node	-10654 Apr 11 j 19:55	5°♏26'00		-10649 Mar 02 j 17:12	0°♐	
				-10649 Apr 19 j 17:18	0°♑	
conjunction	-10654 Apr 20 j 22:32	11°♏20'55 0°05'29		-10649 Jun 21 j 00:06	0°♒	
minimum elong	-10654 Apr 20 j 22:21	11°♏20'37 0°05'00	retrograde	-10649 Jul 24 j 20:00	6°♒16'39	
behind sun begin	-10654 Apr 20 j 03:25	10°♏49'49		-10649 Aug 24 j 18:11	30°♒♎	
behind sun end	-10654 Apr 21 j 17:17	11°♏51'25	opposition	-10649 Sep 02 j 16:28	26°♎28'44 -3°19'56	
	-10654 May 19 j 07:05	0°♊	min. Earth dist.	-10649 Sep 01 j 17:05	26°♎52'20 0.66180 AU	
morning rise	-10654 Jun 06 j 21:49	12°♊27'46	greatest brilliancy	-10649 Sep 02 j 14:29	26°♎30'45 -1.4m	
	-10654 Jul 02 j 15:14	0°♋	direct	-10649 Oct 12 j 09:37	16°♎53'10	
	-10654 Aug 14 j 10:06	0°♌	asc. node	-10649 Dec 03 j 01:59	29°♎30'29	
	-10654 Sep 24 j 22:26	0°♍		-10649 Dec 04 j 06:11	0°♏	
	-10654 Nov 04 j 17:29	0°♏		-10648 Jan 31 j 22:24	0°♐	
	-10654 Dec 15 j 16:44	0°♐		-10648 Mar 20 j 19:35	0°♑	
	-10653 Jan 27 j 14:10	0°♑		-10648 May 04 j 08:25	0°♒	
desc. node	-10653 Mar 06 j 23:49	23°♑41'48		-10648 Jun 14 j 22:29	0°♓	
	-10653 Mar 19 j 00:13	0°♒	evening set	-10648 Jul 20 j 06:55	26°♓45'04	
retrograde	-10653 May 08 j 15:57	14°♒29'15		-10648 Jul 24 j 12:03	0°♈	
min. Earth dist.	-10653 Jun 07 j 12:12	8°♒27'33 0.50260 AU		-10648 Aug 31 j 23:19	0°♉	
greatest brilliancy	-10653 Jun 13 j 21:55	6°♒07'40 -2.1m				
opposition	-10653 Jun 15 j 07:41	5°♒36'42 -5°07'10	conjunction	-10648 Sep 19 j 22:30	14°♓53'02 0°27'19	
	-10653 Jul 03 j 18:06	30°♒♍	minimum elong	-10648 Sep 20 j 00:55	14°♓57'46 0°27'53	
direct	-10653 Jul 19 j 10:28	28°♍20'12		-10648 Oct 09 j 06:35	0°♒	
	-10653 Aug 04 j 22:11	0°♓	max. Earth dist.	-10648 Oct 11 j 01:09	1°♒22'52 2.38517 AU	
	-10653 Oct 16 j 15:33	0°♌	desc. node	-10648 Oct 26 j 07:31	13°♒12'27	
	-10653 Dec 08 j 09:52	0°♎		-10648 Nov 17 j 07:04	0°♓	
	-10652 Jan 27 j 01:07	0°♑	morning rise	-10648 Nov 24 j 01:55	5°♓06'58	
asc. node	-10652 Feb 27 j 17:43	19°♑45'17		-10648 Dec 27 j 19:50	0°♈	
	-10652 Mar 14 j 20:49	0°♒		-10647 Feb 08 j 12:25	0°♉	
evening set	-10652 Apr 11 j 23:54	18°♒13'00		-10647 Mar 25 j 23:24	0°♊	
	-10652 Apr 29 j 19:04	0°♋		-10647 May 14 j 09:43	0°♌	
max. Earth dist.	-10652 May 03 j 21:10	2°♋44'14 2.57516 AU		-10647 Jul 13 j 09:37	0°♍	

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Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

retrograde	-10647 Aug 28 j 09:05	10°≈27'59		-10642 Jun 26 j 00:10	0°☾	
opposition	-10647 Oct 06 j 07:11	1°≈14'56	-0°33'57	-10642 Aug 06 j 05:17	0°♈	
greatest brilliancy	-10647 Oct 06 j 08:50	1°≈13'18	-1.4m	-10642 Sep 16 j 12:55	0°♊	
min. Earth dist.	-10647 Oct 09 j 01:09	0°≈09'18	0.65253 AU	-10642 Oct 28 j 22:14	0°♊	
	-10647 Oct 09 j 10:31	30°♊		-10642 Dec 11 j 20:07	0°♊	
asc. node	-10647 Oct 20 j 06:51	25°♊57'55		evening set	-10641 Jan 07 j 22:00	17°♊59'20
direct	-10647 Nov 16 j 02:01	21°♊16'29			-10641 Jan 26 j 06:26	0°♊
	-10647 Dec 27 j 05:55	0°≈				
	-10646 Feb 25 j 02:33	0°♋		conjunction	-10641 Feb 26 j 15:36	20°♊17'25 -0°55'06
	-10646 Apr 13 j 03:15	0°♋		minimum elong	-10641 Feb 26 j 17:11	20°♊19'57 0°55'40
	-10646 May 25 j 13:20	0°♋		max. Earth dist.	-10641 Mar 05 j 02:11	24°♊25'36 2.65754 AU
	-10646 Jul 04 j 10:24	0°♋			-10641 Mar 13 j 18:49	0°♋
	-10646 Aug 12 j 01:25	0°☾		morning rise	-10641 Apr 15 j 08:11	20°♋48'37
desc. node	-10646 Sep 13 j 03:56	25°☾04'37			-10641 Apr 29 j 17:28	0°≈
	-10646 Sep 19 j 12:02	0°♈		asc. node	-10641 Jun 11 j 20:34	27°≈38'21
evening set	-10646 Sep 23 j 20:30	3°♈22'23			-10641 Jun 15 j 12:41	0°♋
	-10646 Oct 28 j 16:21	0°♊			-10641 Aug 01 j 00:49	0°♋
					-10641 Sep 16 j 16:48	0°♋
conjunction	-10646 Nov 24 j 01:57	19°♊37'35	-0°48'54		-10641 Nov 04 j 00:47	0°♋
minimum elong	-10646 Nov 23 j 23:05	19°♊32'21	0°48'41		-10641 Dec 31 j 06:35	0°☾
	-10646 Dec 08 j 08:20	0°♊		retrograde	-10640 Feb 10 j 23:42	9°☾33'57
max. Earth dist.	-10645 Jan 03 j 19:36	18°♊47'54	2.49866 AU	opposition	-10640 Mar 12 j 18:08	4°☾24'00 4°05'56
	-10645 Jan 19 j 23:46	0°♊		greatest brilliancy	-10640 Mar 13 j 00:22	4°☾19'50 -2.9m
morning rise	-10645 Jan 21 j 14:05	1°♊05'40		min. Earth dist.	-10640 Mar 13 j 04:44	4°☾16'55 0.38316 AU
	-10645 Mar 05 j 19:46	0°♊			-10640 Apr 01 j 11:38	30°♊
	-10645 Apr 21 j 22:21	0°♋		direct	-10640 Apr 12 j 08:54	29°♊14'24
	-10645 Jun 10 j 21:47	0°≈			-10640 Apr 23 j 06:27	0°☾
	-10645 Aug 06 j 18:51	0°♋		desc. node	-10640 May 05 j 14:38	2°☾34'55
asc. node	-10645 Sep 07 j 07:39	12°♋11'28			-10640 Jul 03 j 09:25	0°♈
retrograde	-10645 Oct 07 j 12:12	17°♋05'21			-10640 Aug 20 j 13:46	0°♊
opposition	-10645 Nov 13 j 09:52	8°♋53'11	2°51'53		-10640 Oct 05 j 13:12	0°♊
greatest brilliancy	-10645 Nov 13 j 23:31	8°♋40'13	-1.7m		-10640 Nov 20 j 14:29	0°♊
min. Earth dist.	-10645 Nov 19 j 15:40	6°♋30'57	0.58346 AU		-10639 Jan 06 j 06:57	0°♊
	-10645 Dec 12 j 18:28	30°♋		evening set	-10639 Feb 16 j 20:16	26°♊28'07
direct	-10645 Dec 23 j 16:22	29°≈11'16			-10639 Feb 22 j 09:23	0°♋
	-10644 Jan 04 j 00:17	0°♋		max. Earth dist.	-10639 Mar 28 j 10:13	21°♋44'02 2.65941 AU
	-10644 Mar 16 j 03:04	0°♋				
	-10644 May 01 j 05:18	0°♋		conjunction	-10639 Apr 05 j 19:07	27°♋06'34 -0°13'27
	-10644 Jun 11 j 12:44	0°♋		minimum elong	-10639 Apr 05 j 19:39	27°♋07'27 0°14'00
	-10644 Jul 20 j 23:18	0°☾		behind sun begin	-10639 Apr 05 j 10:23	26°♋52'32
desc. node	-10644 Jul 31 j 05:01	7°☾52'09		behind sun end	-10639 Apr 06 j 04:56	27°♋22'22
	-10644 Aug 29 j 01:04	0°♈			-10639 Apr 10 j 06:50	0°≈
	-10644 Oct 07 j 19:01	0°♊		asc. node	-10639 Apr 28 j 13:02	11°≈49'01
	-10644 Nov 17 j 23:14	0°♊		morning rise	-10639 May 22 j 10:59	27°≈28'07
evening set	-10644 Nov 21 j 08:07	2°♊23'57			-10639 May 26 j 07:03	0°♋
	-10644 Dec 30 j 23:40	0°♊			-10639 Jul 10 j 00:26	0°♋
					-10639 Aug 22 j 10:20	0°♋
conjunction	-10643 Jan 14 j 15:30	9°♊55'43	-1°14'07		-10639 Oct 03 j 19:44	0°♋
minimum elong	-10643 Jan 14 j 15:34	9°♊55'49	1°14'27		-10639 Nov 14 j 18:59	0°☾
max. Earth dist.	-10643 Feb 06 j 11:08	25°♊07'21	2.60241 AU		-10639 Dec 27 j 13:41	0°♈
	-10643 Feb 13 j 21:11	0°♊			-10638 Feb 12 j 18:23	0°♊
morning rise	-10643 Mar 07 j 01:41	13°♊47'16		desc. node	-10638 Mar 23 j 16:34	17°♊56'53
	-10643 Apr 01 j 08:32	0°♋		retrograde	-10638 Apr 18 j 17:19	22°♊21'18
	-10643 May 19 j 00:50	0°≈		min. Earth dist.	-10638 May 16 j 16:18	17°♊08'52 0.45366 AU
	-10643 Jul 06 j 23:56	0°♋		opposition	-10638 May 24 j 16:59	14°♊26'51 -3°53'10
asc. node	-10643 Jul 25 j 03:51	10°♋47'52		greatest brilliancy	-10638 May 23 j 12:46	14°♊50'46 -2.4m
	-10643 Aug 27 j 23:16	0°♋		direct	-10638 Jun 26 j 06:46	7°♊58'18
	-10643 Nov 05 j 12:44	0°♋			-10638 Sep 03 j 22:50	0°♊
retrograde	-10643 Nov 28 j 05:31	2°♋55'56			-10638 Oct 28 j 00:03	0°♊
	-10643 Dec 19 j 22:48	30°♋			-10638 Dec 16 j 21:46	0°♊
opposition	-10643 Dec 31 j 18:14	26°♋24'59	6°17'53		-10637 Feb 03 j 11:31	0°♋
greatest brilliancy	-10642 Jan 02 j 10:39	25°♋51'31	-2.3m	asc. node	-10637 Mar 16 j 09:26	25°♋50'04
min. Earth dist.	-10642 Jan 08 j 21:25	23°♋44'18	0.46796 AU		-10637 Mar 22 j 21:25	0°≈
direct	-10642 Feb 06 j 14:48	18°♋28'56		evening set	-10637 Mar 28 j 04:33	3°≈24'35
	-10642 Mar 23 j 03:44	0°♋		max. Earth dist.	-10637 Apr 23 j 09:37	20°≈29'18 2.60857 AU
	-10642 May 13 j 22:50	0°♋			-10637 May 07 j 17:56	0°♋
desc. node	-10642 Jun 18 j 10:05	24°♋33'22				

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Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

conjunction	-10637 May 15 j 16:04	5° H 18'23	0°35'10	opposition	-10632 Sep 22 j 18:00	17° Z 50'39	-1°43'21
minimum elong	-10637 May 15 j 14:43	5° H 16'06	0°34'51	greatest brilliancy	-10632 Sep 22 j 20:25	17° Z 48'14	-1.4m
	-10637 Jun 20 j 17:50	0° Y		min. Earth dist.	-10632 Sep 24 j 00:59	17° Z 19'34	0.66366 AU
morning rise	-10637 Jul 03 j 03:35	8° Y 42'02		direct	-10632 Nov 02 j 06:37	7° Z 57'45	
	-10637 Aug 01 j 21:37	0° B		asc. node	-10632 Nov 05 j 20:41	8° Z 02'31	
	-10637 Sep 11 j 13:26	0° II			-10631 Jan 12 j 22:00	0° \approx	
	-10637 Oct 21 j 07:09	0° E			-10631 Mar 06 j 20:07	0° H	
	-10637 Nov 29 j 21:59	0° Q			-10631 Apr 21 j 12:50	0° Y	
	-10636 Jan 09 j 12:14	0° M			-10631 Jun 02 j 12:22	0° B	
desc. node	-10636 Feb 08 j 15:12	21° M 07'57			-10631 Jul 12 j 05:06	0° II	
	-10636 Feb 21 j 22:53	0° E			-10631 Aug 19 j 17:21	0° E	
	-10636 Apr 14 j 00:44	0° M		evening set	-10631 Aug 28 j 22:08	7° E 12'54	
retrograde	-10636 Jun 03 j 13:00	13° M 51'45			-10631 Sep 27 j 01:18	0° Q	
min. Earth dist.	-10636 Jul 06 j 14:50	6° M 33'46	0.57323 AU	desc. node	-10631 Sep 29 j 22:58	2° Q 15'25	
opposition	-10636 Jul 12 j 17:54	4° M 10'21	-5°31'02				
greatest brilliancy	-10636 Jul 11 j 14:53	4° M 36'43	-1.8m	conjunction	-10631 Oct 30 j 20:58	26° Q 01'48	-0°23'01
	-10636 Jul 24 j 06:41	30° R E		minimum elong	-10631 Oct 30 j 19:03	25° Q 58'09	0°22'37
direct	-10636 Aug 18 j 00:27	25° E 54'26			-10631 Nov 05 j 02:42	0° M	
	-10636 Sep 14 j 01:44	0° M		max. Earth dist.	-10631 Dec 14 j 20:05	29° M 24'23	2.44925 AU
	-10636 Nov 21 j 05:42	0° J			-10631 Dec 15 j 15:47	0° E	
	-10635 Jan 12 j 22:20	0° Z		morning rise	-10631 Dec 31 j 18:38	11° E 32'25	
asc. node	-10635 Jan 31 j 10:41	11° Z 08'52			-10630 Jan 27 j 05:46	0° M	
	-10635 Mar 02 j 20:19	0° \approx			-10630 Mar 13 j 04:19	0° J	
	-10635 Apr 18 j 02:49	0° H			-10630 Apr 29 j 20:21	0° Z	
evening set	-10635 May 08 j 11:25	13° H 44'20			-10630 Jun 20 j 18:59	0° \approx	
max. Earth dist.	-10635 May 25 j 09:17	25° H 24'56	2.51040 AU		-10630 Aug 31 j 07:54	0° H	
	-10635 May 31 j 22:17	0° Y		retrograde	-10630 Sep 20 j 23:58	2° H 25'15	
				asc. node	-10630 Sep 23 j 23:03	2° H 21'54	
conjunction	-10635 Jun 29 j 07:44	20° Y 19'07	1°10'22		-10630 Oct 10 j 05:45	30° R \approx	
minimum elong	-10635 Jun 29 j 06:35	20° Y 17'01	1°10'32	opposition	-10630 Oct 28 j 20:09	23° \approx 45'34	1°28'05
	-10635 Jul 12 j 12:48	0° B		greatest brilliancy	-10630 Oct 29 j 01:35	23° \approx 40'17	-1.6m
	-10635 Aug 21 j 10:14	0° II		min. Earth dist.	-10630 Nov 02 j 18:16	21° \approx 50'41	0.61732 AU
morning rise	-10635 Aug 23 j 03:07	1° II 18'10		direct	-10630 Dec 08 j 13:26	13° \approx 50'38	
	-10635 Sep 29 j 07:20	0° E			-10629 Feb 04 j 02:00	0° H	
	-10635 Nov 06 j 23:56	0° Q			-10629 Mar 28 j 17:54	0° Y	
	-10635 Dec 16 j 09:35	0° M			-10629 May 11 j 17:12	0° B	
desc. node	-10635 Dec 26 j 09:32	7° M 26'36			-10629 Jun 21 j 06:06	0° II	
	-10634 Jan 26 j 12:30	0° E			-10629 Jul 30 j 06:15	0° E	
	-10634 Mar 11 j 17:47	0° M		desc. node	-10629 Aug 17 j 22:50	14° E 29'57	
	-10634 May 01 j 10:24	0° J			-10629 Sep 06 j 23:55	0° Q	
retrograde	-10634 Jul 11 j 03:46	22° J 48'37			-10629 Oct 16 j 10:36	0° M	
min. Earth dist.	-10634 Aug 17 j 15:26	13° J 53'27	0.64866 AU	evening set	-10629 Oct 31 j 15:58	11° M 19'00	
opposition	-10634 Aug 20 j 02:24	12° J 54'00	-4°11'16		-10629 Nov 26 j 08:05	0° E	
greatest brilliancy	-10634 Aug 19 j 18:46	13° J 01'42	-1.4m				
direct	-10634 Sep 28 j 01:47	3° J 34'44		conjunction	-10629 Dec 27 j 15:38	22° E 05'23	-1°10'56
	-10634 Dec 18 j 08:42	0° Z		minimum elong	-10629 Dec 27 j 14:20	22° E 03'07	1°11'06
asc. node	-10634 Dec 19 j 15:42	0° Z 39'39			-10628 Jan 08 j 03:12	0° M	
	-10633 Feb 09 j 22:25	0° \approx		max. Earth dist.	-10628 Jan 26 j 17:36	12° M 37'05	2.56661 AU
	-10633 Mar 29 j 15:40	0° H		morning rise	-10628 Feb 19 j 11:12	28° M 23'22	
	-10633 May 12 j 20:01	0° Y			-10628 Feb 21 j 22:04	0° J	
	-10633 Jun 23 j 08:08	0° B			-10628 Apr 08 j 12:24	0° Z	
evening set	-10633 Jun 28 j 02:40	3° B 33'07			-10628 May 26 j 18:53	0° \approx	
max. Earth dist.	-10633 Jul 30 j 02:00	27° B 48'36	2.39492 AU		-10628 Jul 16 j 11:41	0° H	
	-10633 Aug 01 j 22:13	0° II		asc. node	-10628 Aug 10 j 20:46	13° H 56'56	
					-10628 Sep 13 j 00:35	0° Y	
conjunction	-10633 Aug 26 j 00:20	18° II 42'33	0°54'05	retrograde	-10628 Nov 05 j 10:40	13° Y 31'42	
minimum elong	-10633 Aug 26 j 03:29	18° II 48'42	0°54'37	opposition	-10628 Dec 10 j 11:58	6° Y 15'26	5°06'21
	-10633 Sep 09 j 10:29	0° E		greatest brilliancy	-10628 Dec 11 j 18:59	5° Y 47'49	-2.0m
	-10633 Oct 17 j 18:34	0° Q		min. Earth dist.	-10628 Dec 18 j 08:55	3° Y 28'02	0.51633 AU
morning rise	-10633 Oct 29 j 07:02	8° Q 56'16			-10628 Dec 29 j 14:14	30° R H	
desc. node	-10633 Nov 13 j 02:15	20° Q 19'27		direct	-10627 Jan 18 j 04:11	27° H 22'42	
	-10633 Nov 25 j 19:35	0° M			-10627 Feb 07 j 11:49	0° Y	
	-10632 Jan 05 j 09:11	0° E			-10627 Apr 11 j 23:27	0° B	
	-10632 Feb 17 j 05:36	0° M			-10627 May 26 j 11:14	0° II	
	-10632 Apr 03 j 06:18	0° J		desc. node	-10627 Jul 05 j 01:19	29° II 01'16	
	-10632 May 24 j 20:20	0° Z			-10627 Jul 06 j 08:47	0° E	
retrograde	-10632 Aug 14 j 08:12	27° Z 20'12			-10627 Aug 15 j 09:32	0° Q	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10627 Sep 24 j 21:26	0°♍			-10622 Aug 09 j 10:48	0°♏		
	-10627 Nov 05 j 15:53	0°♐			-10622 Sep 19 j 14:51	0°♑		
	-10627 Dec 19 j 02:59	0°♒			-10622 Oct 29 j 22:57	0°♓		
evening set	-10627 Dec 21 j 11:53	1°♒36'10			-10622 Dec 09 j 07:14	0°♑		
	-10626 Feb 02 j 06:22	0°♊			-10621 Jan 20 j 00:53	0°♐		
				desc. node	-10621 Feb 25 j 09:18	23°♐59'11		
conjunction	-10626 Feb 10 j 15:59	5°♊28'44	-1°06'10		-10621 Mar 07 j 09:39	0°♐		
minimum elong	-10626 Feb 10 j 17:21	5°♊30'58	1°06'39	retrograde	-10621 May 18 j 22:38	26°♐06'40		
max. Earth dist.	-10626 Feb 23 j 04:04	13°♊35'20	2.64210 AU	min. Earth dist.	-10621 Jun 18 j 23:36	19°♐36'25	0.52944 AU	
	-10626 Mar 20 j 16:35	0°♋		greatest brilliancy	-10621 Jun 24 j 22:25	17°♐22'12	-2.0m	
morning rise	-10626 Mar 31 j 11:34	6°♋53'50		opposition	-10621 Jun 26 j 07:14	16°♐51'14	-5°26'10	
	-10626 May 06 j 19:26	0°♌		direct	-10621 Jul 31 j 05:06	9°♐11'19		
	-10626 Jun 23 j 04:56	0°♍			-10621 Oct 07 j 19:15	0°♒		
asc. node	-10626 Jun 28 j 14:57	3°♍25'04			-10621 Dec 02 j 10:44	0°♊		
	-10626 Aug 10 j 01:20	0°♎			-10620 Jan 21 j 23:01	0°♋		
	-10626 Sep 28 j 17:51	0°♏		asc. node	-10620 Feb 18 j 01:52	16°♋43'43		
	-10626 Nov 26 j 01:17	0°♑			-10620 Mar 10 j 03:12	0°♌		
retrograde	-10625 Jan 10 j 15:51	10°♑45'49		evening set	-10620 Apr 21 j 07:58	27°♌25'59		
opposition	-10625 Feb 10 j 20:04	5°♑24'58	6°22'59		-10620 Apr 25 j 04:29	0°♍		
greatest brilliancy	-10625 Feb 12 j 02:28	5°♑03'19	-2.7m	max. Earth dist.	-10620 May 11 j 01:40	10°♍41'30	2.55400 AU	
min. Earth dist.	-10625 Feb 15 j 22:49	3°♑58'01	0.40198 AU		-10620 Jun 08 j 01:02	0°♎		
	-10625 Mar 06 j 10:15	30°♒♏						
direct	-10625 Mar 15 j 13:35	29°♒26'01		conjunction	-10620 Jun 10 j 10:18	1°♎40'35	1°00'12	
	-10625 Mar 24 j 17:08	0°♑		minimum elong	-10620 Jun 10 j 08:32	1°♎37'28	1°00'08	
desc. node	-10625 May 23 j 06:00	23°♑29'52			-10620 Jul 19 j 19:48	0°♏		
	-10625 Jun 03 j 06:35	0°♓		morning rise	-10620 Aug 01 j 01:35	9°♏02'18		
	-10625 Jul 19 j 13:32	0°♑			-10620 Aug 28 j 23:06	0°♑		
	-10625 Sep 01 j 11:38	0°♒			-10620 Oct 07 j 02:22	0°♓		
	-10625 Oct 15 j 11:38	0°♐			-10620 Nov 15 j 00:56	0°♑		
	-10625 Nov 29 j 10:37	0°♒			-10620 Dec 24 j 17:28	0°♐		
evening set	-10624 Jan 14 j 12:05	0°♊		desc. node	-10619 Jan 12 j 05:44	13°♐34'51		
	-10624 Feb 02 j 08:53	12°♊07'46			-10619 Feb 04 j 08:13	0°♐		
	-10624 Mar 01 j 07:13	0°♋			-10619 Mar 21 j 21:46	0°♒		
max. Earth dist.	-10624 Mar 19 j 02:28	11°♋22'39	2.66503 AU		-10619 May 18 j 11:32	0°♊		
				retrograde	-10619 Jun 27 j 03:03	8°♊42'55		
conjunction	-10624 Mar 21 j 17:36	13°♋03'35	-0°31'15	min. Earth dist.	-10619 Aug 02 j 01:14	0°♊21'33	0.62612 AU	
minimum elong	-10624 Mar 21 j 18:45	13°♋05'26	0°31'50		-10619 Aug 02 j 22:48	30°♒♒		
	-10624 Apr 17 j 03:36	0°♌		opposition	-10619 Aug 05 j 23:40	28°♒46'58	-4°53'13	
morning rise	-10624 May 07 j 12:05	13°♌08'22		greatest brilliancy	-10619 Aug 05 j 08:51	29°♒01'49	-1.5m	
asc. node	-10624 May 15 j 07:36	18°♌12'32		direct	-10619 Sep 13 j 01:14	19°♒48'21		
	-10624 Jun 02 j 09:05	0°♍			-10619 Oct 28 j 13:47	0°♊		
	-10624 Jul 17 j 15:04	0°♎			-10619 Dec 29 j 02:25	0°♋		
	-10624 Aug 30 j 22:12	0°♏		asc. node	-10618 Jan 05 j 05:06	3°♋59'16		
	-10624 Oct 13 j 16:12	0°♑			-10618 Feb 18 j 03:43	0°♌		
	-10624 Nov 26 j 18:44	0°♓			-10618 Apr 06 j 03:29	0°♍		
	-10623 Jan 12 j 23:46	0°♑			-10618 May 20 j 03:11	0°♎		
retrograde	-10623 Mar 26 j 09:28	26°♑23'38		evening set	-10618 Jun 06 j 23:52	12°♎42'46		
desc. node	-10623 Apr 09 j 10:20	25°♑03'24		max. Earth dist.	-10618 Jun 24 j 21:08	25°♎44'20	2.43719 AU	
min. Earth dist.	-10623 Apr 22 j 15:51	21°♑44'16	0.41020 AU		-10618 Jun 30 j 15:34	0°♏		
opposition	-10623 Apr 29 j 03:55	19°♑46'27	-1°27'23					
greatest brilliancy	-10623 Apr 28 j 18:05	19°♑53'53	-2.7m	conjunction	-10618 Aug 01 j 17:24	24°♏10'03	1°09'31	
direct	-10623 May 30 j 03:07	14°♑08'21		minimum elong	-10618 Aug 01 j 18:57	24°♏13'00	1°09'57	
	-10623 Jul 25 j 10:18	0°♐			-10618 Aug 09 j 07:59	0°♑		
	-10623 Sep 18 j 07:55	0°♐			-10618 Sep 16 j 22:56	0°♓		
	-10623 Nov 06 j 14:39	0°♒		morning rise	-10618 Oct 01 j 17:04	11°♓32'17		
	-10623 Dec 24 j 20:05	0°♊			-10618 Oct 25 j 09:13	0°♑		
	-10622 Feb 10 j 16:26	0°♋		desc. node	-10618 Nov 30 j 00:06	27°♑21'22		
evening set	-10622 Mar 12 j 19:02	19°♋05'07			-10618 Dec 03 j 12:02	0°♐		
	-10622 Mar 29 j 19:51	0°♌			-10617 Jan 13 j 04:07	0°♐		
asc. node	-10622 Apr 02 j 02:19	2°♌06'26			-10617 Feb 25 j 07:28	0°♒		
max. Earth dist.	-10622 Apr 12 j 19:20	9°♌02'27	2.63462 AU		-10617 Apr 13 j 07:24	0°♊		
					-10617 Jun 08 j 07:43	0°♋		
conjunction	-10622 Apr 29 j 18:34	20°♌07'46	0°16'30	retrograde	-10617 Aug 01 j 15:52	14°♋17'21		
minimum elong	-10622 Apr 29 j 17:56	20°♌06'43	0°16'04	opposition	-10617 Sep 10 j 09:56	4°♋34'47	-2°46'22	
	-10622 May 14 j 16:37	0°♍		greatest brilliancy	-10617 Sep 10 j 10:11	4°♋34'31	-1.4m	
morning rise	-10622 Jun 16 j 03:06	21°♍53'30		min. Earth dist.	-10617 Sep 10 j 05:44	4°♋39'00	0.66508 AU	
	-10622 Jun 27 j 21:51	0°♎			-10617 Sep 22 j 08:23	30°♒♊		

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

direct	-10617 Oct 20 j 11:32	24° ♁ 51'54		evening set	-10612 Dec 02 j 17:34	13° ♁ 45'09	
	-10617 Nov 20 j 11:45	0° ♁			-10612 Dec 26 j 07:36	0° ♁	
asc. node	-10617 Nov 23 j 10:16	0° ♁ 54'54					
	-10616 Jan 25 j 12:34	0° ♁		conjunction	-10611 Jan 24 j 18:57	19° ♁ 48'10	-1°12'47
	-10616 Mar 15 j 12:33	0° ♁		minimum elong	-10611 Jan 24 j 19:37	19° ♁ 49'17	1°13'12
	-10616 Apr 29 j 10:28	0° ♁			-10611 Feb 09 j 06:00	0° ♁	
	-10616 Jun 10 j 03:47	0° ♁		max. Earth dist.	-10611 Feb 12 j 20:35	2° ♁ 21'44	2.61867 AU
	-10616 Jul 19 j 18:34	0° ♁		morning rise	-10611 Mar 16 j 03:42	22° ♁ 37'52	
evening set	-10616 Aug 03 j 05:35	11° ♁ 12'41			-10611 Mar 27 j 16:00	0° ♁	
	-10616 Aug 27 j 06:01	0° ♁			-10611 May 14 j 02:04	0° ♁	
					-10611 Jul 01 j 08:29	0° ♁	
conjunction	-10616 Oct 04 j 21:11	0° ♁ 15'41	0°09'06	asc. node	-10611 Jul 15 j 09:46	8° ♁ 35'19	
minimum elong	-10616 Oct 04 j 22:05	0° ♁ 17'26	0°09'38		-10611 Aug 20 j 08:29	0° ♁	
behind sun begin	-10616 Oct 03 j 23:45	29° ♁ 33'58			-10611 Oct 15 j 21:29	0° ♁	
behind sun end	-10616 Oct 05 j 20:25	1° ♁ 00'53		retrograde	-10611 Dec 12 j 22:42	15° ♁ 48'29	
	-10616 Oct 04 j 13:07	0° ♁		opposition	-10610 Jan 14 j 11:27	9° ♁ 44'56	6°41'47
desc. node	-10616 Oct 16 j 17:54	9° ♁ 28'12		greatest brilliancy	-10610 Jan 16 j 05:20	9° ♁ 11'59	-2.4m
	-10616 Nov 12 j 13:24	0° ♁		min. Earth dist.	-10610 Jan 22 j 03:06	7° ♁ 21'07	0.44151 AU
max. Earth dist.	-10616 Nov 13 j 03:24	0° ♁ 26'30	2.40285 AU	direct	-10610 Feb 19 j 00:33	2° ♁ 29'12	
morning rise	-10616 Dec 08 j 09:24	19° ♁ 17'40			-10610 May 03 j 23:44	0° ♁	
	-10616 Dec 23 j 01:19	0° ♁		desc. node	-10610 Jun 08 j 21:31	23° ♁ 16'15	
	-10615 Feb 03 j 15:36	0° ♁			-10610 Jun 18 j 16:04	0° ♁	
	-10615 Mar 20 j 19:48	0° ♁			-10610 Jul 30 j 23:55	0° ♁	
	-10615 May 08 j 09:28	0° ♁			-10610 Sep 10 j 23:37	0° ♁	
	-10615 Jul 03 j 00:17	0° ♁			-10610 Oct 23 j 19:26	0° ♁	
retrograde	-10615 Sep 05 j 17:37	18° ♁ 35'08			-10610 Dec 07 j 00:13	0° ♁	
asc. node	-10615 Oct 10 j 14:07	11° ♁ 00'25		evening set	-10609 Jan 17 j 09:26	27° ♁ 15'39	
opposition	-10615 Oct 14 j 07:42	9° ♁ 32'40	0°09'12		-10609 Jan 21 j 14:32	0° ♁	
greatest brilliancy	-10615 Oct 14 j 08:08	9° ♁ 32'14	-1.5m				
min. Earth dist.	-10615 Oct 17 j 20:16	8° ♁ 09'05	0.64259 AU	conjunction	-10609 Mar 07 j 12:34	28° ♁ 55'59	-0°47'08
	-10615 Nov 15 j 23:27	30° ♁		minimum elong	-10609 Mar 07 j 14:05	28° ♁ 58'25	0°47'42
direct	-10615 Nov 24 j 03:54	29° ♁ 33'35			-10609 Mar 09 j 04:33	0° ♁	
	-10615 Dec 02 j 15:08	0° ♁		max. Earth dist.	-10609 Mar 10 j 16:59	0° ♁ 58'19	2.66255 AU
	-10614 Feb 18 j 01:48	0° ♁		morning rise	-10609 Apr 23 j 18:32	29° ♁ 09'56	
	-10614 Apr 07 j 12:06	0° ♁			-10609 Apr 25 j 01:48	0° ♁	
	-10614 May 20 j 09:09	0° ♁		asc. node	-10609 Jun 02 j 02:36	24° ♁ 28'20	
	-10614 Jun 29 j 11:11	0° ♁			-10609 Jun 10 j 15:29	0° ♁	
	-10614 Aug 07 j 04:47	0° ♁			-10609 Jul 26 j 15:12	0° ♁	
desc. node	-10614 Sep 03 j 15:40	21° ♁ 24'50			-10609 Sep 10 j 06:01	0° ♁	
	-10614 Sep 14 j 17:01	0° ♁			-10609 Oct 26 j 07:54	0° ♁	
evening set	-10614 Oct 08 j 00:18	17° ♁ 55'35			-10609 Dec 14 j 09:18	0° ♁	
	-10614 Oct 23 j 22:40	0° ♁		retrograde	-10608 Feb 28 j 01:49	27° ♁ 04'19	
	-10614 Dec 03 j 15:29	0° ♁		min. Earth dist.	-10608 Mar 28 j 02:19	22° ♁ 16'34	0.38476 AU
				opposition	-10608 Mar 30 j 13:31	21° ♁ 36'00	2°05'21
conjunction	-10614 Dec 06 j 20:00	2° ♁ 17'38	-0°59'32	greatest brilliancy	-10608 Mar 30 j 11:37	21° ♁ 37'18	-2.9m
minimum elong	-10614 Dec 06 j 17:26	2° ♁ 13'02	0°59'28	desc. node	-10608 Apr 26 j 02:02	16° ♁ 35'04	
max. Earth dist.	-10613 Jan 13 j 02:11	28° ♁ 29'04	2.52445 AU	direct	-10608 Apr 29 j 21:35	16° ♁ 29'22	
	-10613 Jan 15 j 07:07	0° ♁			-10608 Jun 19 j 04:34	0° ♁	
morning rise	-10613 Feb 01 j 13:11	11° ♁ 43'56			-10608 Aug 12 j 12:23	0° ♁	
	-10613 Mar 01 j 01:25	0° ♁			-10608 Sep 29 j 08:28	0° ♁	
	-10613 Apr 16 j 21:47	0° ♁			-10608 Nov 15 j 06:23	0° ♁	
	-10613 Jun 05 j 01:55	0° ♁			-10607 Jan 01 j 09:33	0° ♁	
	-10613 Jul 28 j 18:57	0° ♁			-10607 Feb 17 j 17:29	0° ♁	
asc. node	-10613 Aug 28 j 14:09	14° ♁ 25'11		evening set	-10607 Feb 25 j 14:42	5° ♁ 00'33	
retrograde	-10613 Oct 17 j 17:53	26° ♁ 29'51		max. Earth dist.	-10607 Apr 03 j 00:57	28° ♁ 17'28	2.65288 AU
opposition	-10613 Nov 23 j 01:18	18° ♁ 35'35	3°41'27		-10607 Apr 05 j 16:40	0° ♁	
greatest brilliancy	-10613 Nov 23 j 20:47	18° ♁ 17'23	-1.8m				
min. Earth dist.	-10613 Nov 29 j 23:05	16° ♁ 01'19	0.56137 AU	conjunction	-10607 Apr 14 j 11:14	5° ♁ 39'54	-0°02'38
direct	-10612 Jan 01 j 21:47	9° ♁ 06'42		minimum elong	-10607 Apr 14 j 11:20	5° ♁ 40'04	0°03'09
	-10612 Mar 07 j 00:11	0° ♁		behind sun begin	-10607 Apr 13 j 15:59	5° ♁ 08'47	
	-10612 Apr 24 j 15:38	0° ♁		behind sun end	-10607 Apr 15 j 06:42	6° ♁ 11'23	
	-10612 Jun 05 j 18:15	0° ♁		asc. node	-10607 Apr 18 j 19:31	8° ♁ 28'51	
	-10612 Jul 15 j 14:27	0° ♁			-10607 May 21 j 15:36	0° ♁	
desc. node	-10612 Jul 21 j 17:52	4° ♁ 41'10		morning rise	-10607 May 31 j 05:35	6° ♁ 22'12	
	-10612 Aug 23 j 22:26	0° ♁			-10607 Jul 05 j 04:33	0° ♁	
	-10612 Oct 02 j 21:08	0° ♁			-10607 Aug 17 j 06:23	0° ♁	
	-10612 Nov 13 j 04:47	0° ♁			-10607 Sep 28 j 03:55	0° ♁	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10607 Nov 08 j 10:03	0°☾					-10602 Dec 09 j 23:41	0°☾			
	-10607 Dec 20 j 00:25	0°♈					-10601 Feb 04 j 04:10	0°♈			
	-10606 Feb 02 j 03:47	0°♈					-10601 Mar 24 j 14:04	0°♈			
desc. node	-10606 Mar 14 j 05:05	22°♈48'50					-10601 May 08 j 00:42	0°♈			
	-10606 Mar 31 j 08:26	0°♈					-10601 Jun 18 j 15:04	0°♈			
retrograde	-10606 Apr 30 j 09:56	5°♈44'38			evening set		-10601 Jul 10 j 23:19	16°♈46'41			
min. Earth dist.	-10606 May 29 j 08:47	0°♈05'31	0.48042 AU				-10601 Jul 28 j 05:44	0°♈			
	-10606 May 29 j 15:12	30°♈			max. Earth dist.		-10601 Sep 03 j 17:44	29°♈12'54	2.38256 AU		
greatest brilliancy	-10606 Jun 05 j 00:39	27°♈44'25	-2.3m				-10601 Sep 04 j 17:46	0°☾			
opposition	-10606 Jun 06 j 09:32	27°♈15'09	-4°43'05								
direct	-10606 Jul 09 j 19:24	20°♈19'24			conjunction		-10601 Sep 09 j 11:45	3°☾43'37	0°40'05		
	-10606 Aug 21 j 16:21	0°♈			minimum elong		-10601 Sep 09 j 14:51	3°☾49'41	0°40'39		
	-10606 Oct 21 j 01:01	0°♈					-10601 Oct 13 j 01:01	0°♈			
	-10606 Dec 11 j 09:41	0°♈			desc. node		-10601 Nov 03 j 13:35	16°♈39'53			
	-10605 Jan 29 j 13:25	0°♈			morning rise		-10601 Nov 13 j 14:14	24°♈20'36			
asc. node	-10605 Mar 06 j 16:24	22°♈38'50					-10601 Nov 21 j 00:55	0°♈			
	-10605 Mar 18 j 05:16	0°♈					-10601 Dec 31 j 12:43	0°♈			
evening set	-10605 Apr 06 j 04:40	12°♈14'44					-10600 Feb 12 j 05:03	0°♈			
max. Earth dist.	-10605 Apr 29 j 20:40	27°♈48'33	2.59106 AU				-10600 Mar 28 j 19:16	0°♈			
	-10605 May 03 j 03:35	0°♈					-10600 May 17 j 21:13	0°♈			
							-10600 Jul 22 j 02:12	0°♈			
conjunction	-10605 May 25 j 02:33	14°♈48'48	0°45'11		retrograde		-10600 Aug 22 j 08:32	5°♈17'34			
minimum elong	-10605 May 25 j 00:55	14°♈46'00	0°44'56				-10600 Sep 19 j 21:52	30°♈			
	-10605 Jun 16 j 02:32	0°♈			opposition		-10600 Sep 30 j 12:43	25°♈56'32	-1°03'45		
morning rise	-10605 Jul 13 j 11:29	19°♈23'42			greatest brilliancy		-10600 Sep 30 j 15:02	25°♈54'13	-1.4m		
	-10605 Jul 28 j 03:07	0°♈			min. Earth dist.		-10600 Oct 02 j 14:52	25°♈06'26	0.65867 AU		
	-10605 Sep 06 j 14:18	0°♈			asc. node		-10600 Oct 27 j 04:36	17°♈17'57			
	-10605 Oct 16 j 02:24	0°☾			direct		-10600 Nov 10 j 05:46	16°♈00'02			
	-10605 Nov 24 j 10:16	0°♈					-10599 Jan 03 j 11:49	0°♈			
	-10604 Jan 03 j 14:28	0°♈					-10599 Feb 28 j 18:22	0°♈			
desc. node	-10604 Jan 30 j 01:52	18°♈58'03					-10599 Apr 16 j 05:46	0°♈			
	-10604 Feb 15 j 03:04	0°♈					-10599 May 28 j 12:09	0°♈			
	-10604 Apr 03 j 12:42	0°♈					-10599 Jul 07 j 08:03	0°♈			
retrograde	-10604 Jun 12 j 09:48	23°♈33'35					-10599 Aug 14 j 22:06	0°☾			
min. Earth dist.	-10604 Jul 16 j 13:09	15°♈51'49	0.59423 AU		evening set		-10599 Sep 12 j 15:44	22°☾29'13			
opposition	-10604 Jul 21 j 22:24	13°♈44'14	-5°22'28		desc. node		-10599 Sep 20 j 09:31	28°☾31'14			
greatest brilliancy	-10604 Jul 20 j 23:36	14°♈06'45	-1.7m				-10599 Sep 22 j 07:10	0°♈			
direct	-10604 Aug 27 j 21:30	5°♈11'40					-10599 Oct 31 j 09:27	0°♈			
	-10604 Nov 13 j 13:08	0°♈									
	-10603 Jan 07 j 07:45	0°♈			conjunction		-10599 Nov 13 j 20:08	10°♈05'17	-0°38'45		
asc. node	-10603 Jan 21 j 18:39	8°♈31'46			minimum elong		-10599 Nov 13 j 17:24	10°♈00'12	0°38'27		
	-10603 Feb 25 j 21:20	0°♈					-10599 Dec 10 j 23:00	0°♈			
	-10603 Apr 13 j 09:53	0°♈			max. Earth dist.		-10599 Dec 27 j 02:21	11°♈33'31	2.47675 AU		
evening set	-10603 May 18 j 18:26	24°♈01'52			morning rise		-10598 Jan 12 j 21:11	23°♈20'41			
	-10603 May 27 j 07:20	0°♈					-10598 Jan 22 j 12:16	0°♈			
max. Earth dist.	-10603 Jun 03 j 19:14	5°♈17'44	2.48480 AU				-10598 Mar 08 j 07:47	0°♈			
	-10603 Jul 07 j 21:25	0°♈					-10598 Apr 24 j 14:04	0°♈			
							-10598 Jun 14 j 04:48	0°♈			
conjunction	-10603 Jul 10 j 19:26	2°♈09'35	1°12'53				-10598 Aug 13 j 10:27	0°♈			
minimum elong	-10603 Jul 10 j 19:03	2°♈08'52	1°13'09		asc. node		-10598 Sep 14 j 06:34	9°♈37'03			
	-10603 Aug 16 j 17:07	0°♈			retrograde		-10598 Sep 30 j 05:44	11°♈06'09			
morning rise	-10603 Sep 05 j 17:00	15°♈24'33			opposition		-10598 Nov 06 j 14:29	2°♈40'50	2°15'45		
	-10603 Sep 24 j 11:47	0°☾			greatest brilliancy		-10598 Nov 07 j 00:11	2°♈31'31	-1.6m		
	-10603 Nov 02 j 01:26	0°♈			min. Earth dist.		-10598 Nov 12 j 06:36	0°♈30'08	0.59967 AU		
	-10603 Dec 11 j 07:37	0°♈					-10598 Nov 13 j 14:33	30°♈			
desc. node	-10603 Dec 16 j 19:24	4°♈06'54			direct		-10598 Dec 17 j 03:11	22°♈51'49			
	-10602 Jan 21 j 04:56	0°♈					-10597 Jan 21 j 22:58	0°♈			
	-10602 Mar 05 j 21:03	0°♈					-10597 Mar 21 j 20:08	0°♈			
	-10602 Apr 23 j 15:40	0°♈					-10597 May 05 j 22:11	0°♈			
	-10602 Jul 06 j 02:28	0°♈					-10597 Jun 15 j 21:19	0°♈			
retrograde	-10602 Jul 19 j 01:21	1°♈02'43					-10597 Jul 25 j 03:04	0°☾			
	-10602 Jul 31 j 10:32	30°♈			desc. node		-10597 Aug 08 j 09:24	11°☾01'09			
min. Earth dist.	-10602 Aug 26 j 08:18	21°♈51'03	0.65708 AU				-10597 Sep 02 j 00:30	0°♈			
opposition	-10602 Aug 27 j 23:50	21°♈11'11	-3°42'28				-10597 Oct 11 j 14:16	0°♈			
greatest brilliancy	-10602 Aug 27 j 19:34	21°♈15'29	-1.4m		evening set		-10597 Nov 13 j 06:19	24°♈00'19			
direct	-10602 Oct 06 j 10:09	11°♈42'28					-10597 Nov 21 j 14:18	0°♈			
asc. node	-10602 Dec 09 j 23:33	29°♈59'51					-10596 Jan 03 j 11:03	0°♈			

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Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

conjunction	-10596 Jan 07 j 17:09	2°♌54'13	-1°13'38	min. Earth dist.	-10591 May 06 j 12:37	7°♎03'02	0.43280 AU
minimum elong	-10596 Jan 07 j 16:39	2°♌53'22	1°13'55	greatest brilliancy	-10591 May 13 j 05:44	4°♎53'46	-2.6m
max. Earth dist.	-10596 Feb 02 j 18:39	20°♌26'08	2.58740 AU	opposition	-10591 May 14 j 03:30	4°♎36'11	-3°00'13
	-10596 Feb 17 j 06:13	0°♌			-10591 May 30 j 22:31	30°♎	
morning rise	-10596 Feb 29 j 03:01	7°♌45'18		direct	-10591 Jun 14 j 23:59	28°♎30'45	
	-10596 Apr 03 j 17:46	0°♌			-10591 Jun 30 j 10:25	0°♎	
	-10596 May 21 j 14:51	0°♌			-10591 Sep 10 j 00:53	0°♎	
	-10596 Jul 10 j 04:57	0°♌			-10591 Oct 31 j 13:40	0°♎	
asc. node	-10596 Aug 01 j 03:30	12°♌41'18			-10591 Dec 19 j 15:45	0°♌	
	-10596 Sep 02 j 04:45	0°♌			-10590 Feb 05 j 21:26	0°♌	
retrograde	-10596 Nov 17 j 21:35	24°♌35'14		evening set	-10590 Mar 21 j 14:40	27°♌41'55	
opposition	-10596 Dec 22 j 03:23	17°♌43'12	5°49'28	asc. node	-10590 Mar 23 j 08:37	28°♌39'11	
greatest brilliancy	-10596 Dec 23 j 16:26	17°♌11'24	-2.2m		-10590 Mar 25 j 04:43	0°♌	
min. Earth dist.	-10596 Dec 30 j 07:23	14°♌55'53	0.48987 AU	max. Earth dist.	-10590 Apr 18 j 20:57	15°♌59'50	2.62123 AU
direct	-10595 Jan 28 j 22:29	9°♌18'50					
	-10595 Apr 01 j 18:52	0°♌		conjunction	-10590 May 08 j 19:26	29°♌08'49	0°27'24
	-10595 May 19 j 06:31	0°♌		minimum elong	-10590 May 08 j 18:21	29°♌07'02	0°27'02
desc. node	-10595 Jun 25 j 14:03	26°♌37'15			-10590 May 10 j 02:11	0°♌	
	-10595 Jun 30 j 04:50	0°♌			-10590 Jun 23 j 05:21	0°♌	
	-10595 Aug 09 j 19:03	0°♌		morning rise	-10590 Jun 25 j 16:45	1°♌43'10	
	-10595 Sep 19 j 16:05	0°♌			-10590 Aug 04 j 14:01	0°♌	
	-10595 Oct 31 j 17:09	0°♌			-10590 Sep 14 j 11:35	0°♌	
	-10595 Dec 14 j 08:46	0°♌			-10590 Oct 24 j 11:35	0°♌	
evening set	-10595 Dec 31 j 15:12	11°♌33'46			-10590 Dec 03 j 08:53	0°♌	
	-10594 Jan 28 j 14:57	0°♌			-10589 Jan 13 j 08:10	0°♌	
				desc. node	-10589 Feb 15 j 20:57	23°♌03'22	
conjunction	-10594 Feb 19 j 22:58	14°♌29'46	-1°00'11		-10589 Feb 26 j 15:14	0°♌	
minimum elong	-10594 Feb 20 j 00:31	14°♌32'15	1°00'44		-10589 Apr 24 j 18:18	0°♌	
max. Earth dist.	-10594 Mar 01 j 00:01	20°♌19'34	2.65176 AU	retrograde	-10589 May 28 j 14:55	6°♌55'18	
	-10594 Mar 16 j 01:44	0°♌			-10589 Jun 29 j 17:42	30°♌	
morning rise	-10594 Apr 09 j 02:07	15°♌20'49		min. Earth dist.	-10589 Jun 29 j 19:17	29°♌58'30	0.55435 AU
	-10594 May 02 j 01:50	0°♌		greatest brilliancy	-10589 Jul 05 j 06:24	27°♌52'30	-1.8m
asc. node	-10594 Jun 18 j 20:36	0°♌28'11		opposition	-10589 Jul 06 j 12:33	27°♌23'29	-5°32'51
	-10594 Jun 18 j 02:57	0°♌		direct	-10589 Aug 11 j 05:02	19°♌22'55	
	-10594 Aug 04 j 03:46	0°♌			-10589 Sep 26 j 05:00	0°♌	
	-10594 Sep 20 j 21:42	0°♌			-10589 Nov 26 j 00:35	0°♌	
	-10594 Nov 10 j 23:34	0°♌			-10588 Jan 16 j 16:49	0°♌	
retrograde	-10593 Jan 28 j 04:54	26°♌59'18		asc. node	-10588 Feb 08 j 09:12	13°♌48'37	
opposition	-10593 Feb 27 j 22:38	21°♌50'47	5°20'36		-10588 Mar 05 j 07:21	0°♌	
greatest brilliancy	-10593 Feb 28 j 15:45	21°♌39'12	-2.8m		-10588 Apr 20 j 12:35	0°♌	
min. Earth dist.	-10593 Mar 02 j 16:52	21°♌06'02	0.38829 AU	evening set	-10588 May 01 j 00:23	7°♌01'57	
direct	-10593 Mar 31 j 06:24	16°♌25'29		max. Earth dist.	-10588 May 18 j 22:41	19°♌15'06	2.53056 AU
desc. node	-10593 May 13 j 19:09	27°♌14'26			-10588 Jun 03 j 09:39	0°♌	
	-10593 May 19 j 19:05	0°♌					
	-10593 Jul 11 j 03:15	0°♌		conjunction	-10588 Jun 20 j 23:59	12°♌28'46	1°06'47
	-10593 Aug 25 j 22:47	0°♌		minimum elong	-10588 Jun 20 j 22:27	12°♌26'00	1°06'51
	-10593 Oct 09 j 21:29	0°♌			-10588 Jul 15 j 03:04	0°♌	
	-10593 Nov 24 j 08:58	0°♌		morning rise	-10588 Aug 13 j 06:27	21°♌44'22	
	-10592 Jan 09 j 17:36	0°♌			-10588 Aug 24 j 03:45	0°♌	
evening set	-10592 Feb 11 j 07:40	20°♌50'27			-10588 Oct 02 j 03:54	0°♌	
	-10592 Feb 25 j 16:20	0°♌			-10588 Nov 09 j 22:49	0°♌	
max. Earth dist.	-10592 Mar 24 j 16:07	17°♌52'41	2.66301 AU		-10588 Dec 19 j 10:27	0°♌	
				desc. node	-10587 Jan 02 j 15:59	10°♌32'24	
conjunction	-10592 Mar 30 j 09:44	21°♌33'06	-0°21'06		-10587 Jan 29 j 16:33	0°♌	
minimum elong	-10592 Mar 30 j 10:34	21°♌34'25	0°21'39		-10587 Mar 15 j 06:52	0°♌	
	-10592 Apr 12 j 13:19	0°♌			-10587 May 06 j 18:26	0°♌	
asc. node	-10592 May 05 j 12:50	14°♌51'47		retrograde	-10587 Jul 05 j 05:49	17°♌19'42	
morning rise	-10592 May 16 j 01:19	21°♌43'12		min. Earth dist.	-10587 Aug 11 j 01:25	8°♌39'22	0.63970 AU
	-10592 May 28 j 16:21	0°♌		opposition	-10587 Aug 14 j 04:42	7°♌23'43	-4°30'18
	-10592 Jul 12 j 15:37	0°♌		greatest brilliancy	-10587 Aug 13 j 18:02	7°♌34'27	-1.5m
	-10592 Aug 25 j 10:46	0°♌			-10587 Sep 05 j 09:27	30°♌	
	-10592 Oct 07 j 09:16	0°♌		direct	-10587 Sep 21 j 19:30	28°♌13'09	
	-10592 Nov 19 j 03:11	0°♌			-10587 Oct 09 j 08:32	0°♌	
	-10591 Jan 02 j 06:16	0°♌			-10587 Dec 22 j 09:21	0°♌	
	-10591 Feb 23 j 01:59	0°♌		asc. node	-10587 Dec 26 j 13:47	2°♌14'12	
desc. node	-10591 Mar 30 j 21:50	11°♌22'14			-10586 Feb 12 j 19:42	0°♌	
retrograde	-10591 Apr 09 j 03:03	11°♌57'25			-10586 Apr 01 j 06:26	0°♌	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10586 May 15 j 09:59	0°♊				-10581 Feb 24 j 08:06	0°♊	
evening set	-10586 Jun 18 j 17:48	24°♊39'59				-10581 Apr 11 j 23:32	0°♊	
	-10586 Jun 25 j 23:14	0°♋				-10581 May 30 j 13:20	0°♋	
max. Earth dist.	-10586 Jul 11 j 18:08	11°♋48'17	2.41201 AU			-10581 Jul 21 j 06:27	0°♋	
	-10586 Aug 04 j 14:55	0°♌		asc. node		-10581 Aug 18 j 20:34	14°♋54'47	
						-10581 Sep 23 j 20:16	0°♊	
conjunction	-10586 Aug 15 j 05:08	8°♌10'54	1°02'18	retrograde		-10581 Oct 28 j 14:18	6°♊21'45	
minimum elong	-10586 Aug 15 j 07:45	8°♌15'59	1°02'47			-10581 Nov 29 j 21:40	30°♋	
	-10586 Sep 12 j 04:38	0°♍		opposition		-10581 Dec 03 j 06:24	28°♋47'31	4°30'17
morning rise	-10586 Oct 17 j 06:04	27°♍25'37		greatest brilliancy		-10581 Dec 04 j 08:22	28°♋23'52	-1.9m
	-10586 Oct 20 j 13:22	0°♎		min. Earth dist.		-10581 Dec 10 j 18:55	26°♋03'46	0.53723 AU
desc. node	-10586 Nov 20 j 08:42	23°♎44'48		direct		-10580 Jan 11 j 13:39	19°♋36'19	
	-10586 Nov 28 j 14:21	0°♏				-10580 Feb 23 j 13:35	0°♊	
	-10585 Jan 08 j 03:50	0°♐				-10580 Apr 17 j 08:03	0°♋	
	-10585 Feb 20 j 01:11	0°♑				-10580 May 30 j 14:44	0°♌	
	-10585 Apr 07 j 08:23	0°♊				-10580 Jul 09 j 23:51	0°♍	
	-10585 May 30 j 05:00	0°♋		desc. node		-10580 Jul 12 j 05:54	1°♍41'55	
retrograde	-10585 Aug 09 j 12:00	22°♋13'42				-10580 Aug 18 j 16:04	0°♎	
opposition	-10585 Sep 18 j 02:29	12°♋37'46	-2°10'33			-10580 Sep 27 j 20:46	0°♏	
greatest brilliancy	-10585 Sep 18 j 04:13	12°♋36'02	-1.4m			-10580 Nov 08 j 09:07	0°♐	
min. Earth dist.	-10585 Sep 18 j 17:28	12°♋22'43	0.66555 AU	evening set		-10580 Dec 13 j 14:49	24°♌32'13	
direct	-10585 Oct 28 j 11:23	2°♋48'56				-10580 Dec 21 j 15:04	0°♑	
asc. node	-10585 Nov 13 j 18:49	4°♋21'36						
	-10584 Jan 18 j 10:01	0°♋		conjunction		-10579 Feb 03 j 14:04	29°♌18'57	-1°09'32
	-10584 Mar 10 j 00:18	0°♋		minimum elong		-10579 Feb 03 j 15:12	29°♌20'48	1°10'01
	-10584 Apr 24 j 09:57	0°♊				-10579 Feb 04 j 15:07	0°♊	
	-10584 Jun 05 j 07:53	0°♋		max. Earth dist.		-10579 Feb 18 j 22:54	9°♊20'46	2.63255 AU
	-10584 Jul 15 j 00:22	0°♌				-10579 Mar 23 j 00:15	0°♋	
evening set	-10584 Aug 17 j 14:41	26°♌09'09		morning rise		-10579 Mar 25 j 01:01	1°♋17'57	
	-10584 Aug 22 j 12:27	0°♍				-10579 May 09 j 05:36	0°♋	
	-10584 Sep 29 j 19:34	0°♎				-10579 Jun 25 j 23:17	0°♋	
desc. node	-10584 Oct 07 j 04:41	5°♎44'25		asc. node		-10579 Jul 05 j 15:05	6°♋01'24	
						-10579 Aug 13 j 14:39	0°♊	
conjunction	-10584 Oct 19 j 17:32	15°♎25'40	-0°09'33			-10579 Oct 04 j 09:57	0°♋	
minimum elong	-10584 Oct 19 j 16:42	15°♎24'04	0°09'05	retrograde		-10579 Dec 28 j 15:27	29°♋46'02	
behind sun begin	-10584 Oct 18 j 17:58	14°♎40'19		opposition		-10578 Jan 29 j 08:49	24°♋07'52	6°43'02
behind sun end	-10584 Oct 20 j 15:26	16°♎07'47		greatest brilliancy		-10578 Jan 30 j 22:45	23°♋39'34	-2.6m
	-10584 Nov 07 j 19:29	0°♏		min. Earth dist.		-10578 Feb 04 j 21:47	22°♋11'31	0.41791 AU
max. Earth dist.	-10584 Dec 03 j 04:21	18°♏57'46	2.42733 AU	direct		-10578 Mar 04 j 08:43	17°♋35'05	
	-10584 Dec 18 j 06:51	0°♐				-10578 Apr 19 j 15:39	0°♌	
morning rise	-10584 Dec 21 j 23:52	2°♐40'50		desc. node		-10578 May 30 j 10:21	23°♌03'48	
	-10583 Jan 29 j 19:18	0°♑				-10578 Jun 10 j 04:35	0°♍	
	-10583 Mar 15 j 18:33	0°♊				-10578 Jul 24 j 06:39	0°♎	
	-10583 May 02 j 16:56	0°♋				-10578 Sep 05 j 04:00	0°♏	
	-10583 Jun 24 j 18:43	0°♋				-10578 Oct 18 j 13:16	0°♐	
retrograde	-10583 Sep 14 j 08:10	26°♋51'43				-10578 Dec 02 j 02:27	0°♑	
asc. node	-10583 Sep 30 j 21:57	25°♋03'42				-10577 Jan 16 j 21:59	0°♊	
opposition	-10583 Oct 22 j 13:24	18°♋01'09	0°54'04	evening set		-10577 Jan 26 j 15:24	6°♊17'05	
greatest brilliancy	-10583 Oct 22 j 16:16	17°♋58'20	-1.5m			-10577 Mar 04 j 14:13	0°♋	
min. Earth dist.	-10583 Oct 26 j 20:36	16°♋20'02	0.62985 AU					
direct	-10583 Dec 02 j 09:19	8°♋03'32		conjunction		-10577 Mar 16 j 07:19	7°♋29'25	-0°38'12
	-10582 Feb 09 j 22:45	0°♋		minimum elong		-10577 Mar 16 j 08:39	7°♋31'34	0°38'46
	-10582 Apr 01 j 12:18	0°♊		max. Earth dist.		-10577 Mar 16 j 05:39	7°♋26'44	2.66496 AU
	-10582 May 15 j 00:32	0°♋				-10577 Apr 20 j 10:49	0°♋	
	-10582 Jun 24 j 09:01	0°♌		morning rise		-10577 May 02 j 05:48	7°♋35'01	
	-10582 Aug 02 j 06:24	0°♍		asc. node		-10577 May 23 j 07:43	21°♋12'38	
desc. node	-10582 Aug 25 j 03:52	17°♍48'47				-10577 Jun 05 j 20:04	0°♋	
	-10582 Sep 09 j 21:11	0°♎				-10577 Jul 21 j 09:37	0°♊	
	-10582 Oct 19 j 04:37	0°♏				-10577 Sep 04 j 05:46	0°♋	
evening set	-10582 Oct 21 j 15:24	1°♏50'16				-10577 Oct 18 j 20:32	0°♌	
	-10582 Nov 28 j 22:49	0°♐				-10577 Dec 03 j 12:53	0°♍	
						-10576 Jan 24 j 11:02	0°♎	
conjunction	-10582 Dec 18 j 22:25	14°♐13'46	-1°07'07	retrograde		-10576 Mar 14 j 23:30	14°♎16'08	
minimum elong	-10582 Dec 18 j 20:31	14°♐10'26	1°07'11	min. Earth dist.		-10576 Apr 11 j 15:39	9°♎39'55	0.39576 AU
	-10581 Jan 10 j 14:51	0°♑		opposition		-10576 Apr 16 j 15:50	8°♎13'35	-0°00'08
max. Earth dist.	-10581 Jan 21 j 09:13	7°♑20'51	2.54840 AU	desc. node		-10576 Apr 16 j 15:10	8°♎14'03	
morning rise	-10581 Feb 11 j 23:49	21°♑51'07		greatest brilliancy		-10576 Apr 16 j 15:52	8°♎13'33	-2.9m

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

direct	-10576 May 17 j 02:52	2°Ω53'54		conjunction	-10571 Jul 22 j 22:18	14°♄42'19	1°12'19
	-10576 Aug 02 j 19:28	0°♍		minimum elong	-10571 Jul 22 j 22:57	14°♄43'33	1°12'42
	-10576 Sep 22 j 16:32	0°♎			-10571 Aug 12 j 00:32	0°♎	
	-10576 Nov 09 j 18:09	0°♏			-10571 Sep 19 j 17:26	0°♏	
	-10576 Dec 27 j 10:39	0°♐		morning rise	-10571 Sep 20 j 01:59	0°♏16'42	
	-10575 Feb 13 j 01:03	0°♑			-10571 Oct 28 j 04:57	0°♏	
evening set	-10575 Mar 06 j 07:54	13°♑30'01			-10571 Dec 06 j 08:14	0°♍	
	-10575 Apr 01 j 02:47	0°♒		desc. node	-10571 Dec 07 j 06:21	0°♍41'42	
max. Earth dist.	-10575 Apr 08 j 17:14	4°♒54'17	2.64377 AU		-10570 Jan 16 j 01:01	0°♎	
asc. node	-10575 Apr 09 j 01:39	5°♒07'53			-10570 Feb 28 j 07:08	0°♏	
					-10570 Apr 16 j 19:21	0°♐	
conjunction	-10575 Apr 23 j 05:03	14°♒18'56	0°08'28		-10570 Jun 15 j 03:08	0°♑	
minimum elong	-10575 Apr 23 j 04:43	14°♒18'24	0°08'00	retrograde	-10570 Jul 26 j 21:35	9°♑08'54	
behind sun begin	-10575 Apr 22 j 11:24	13°♒50'10			-10570 Sep 03 j 04:42	30°♒♐	
behind sun end	-10575 Apr 23 j 22:02	14°♒46'38		opposition	-10570 Sep 04 j 18:39	29°♐21'46	-3°10'43
	-10575 May 17 j 01:11	0°♐		min. Earth dist.	-10570 Sep 03 j 22:29	29°♐42'06	0.66273 AU
morning rise	-10575 Jun 09 j 05:47	15°♐32'16		greatest brilliancy	-10570 Sep 04 j 17:09	29°♐23'17	-1.4m
	-10575 Jun 30 j 10:22	0°♑		direct	-10570 Oct 14 j 14:39	19°♐44'43	
	-10575 Aug 12 j 05:29	0°♒			-10570 Nov 29 j 08:55	0°♑	
	-10575 Sep 22 j 17:04	0°♒		asc. node	-10570 Nov 30 j 07:49	0°♑22'23	
	-10575 Nov 02 j 10:08	0°♓			-10569 Jan 29 j 01:23	0°♒	
	-10575 Dec 13 j 05:16	0°♓			-10569 Mar 19 j 09:27	0°♐	
	-10574 Jan 24 j 17:05	0°♑			-10569 May 03 j 03:37	0°♑	
desc. node	-10574 Mar 04 j 15:04	24°♑33'13			-10569 Jun 13 j 20:52	0°♒	
	-10574 Mar 14 j 12:10	0°♎			-10569 Jul 23 j 12:16	0°♒	
retrograde	-10574 May 11 j 05:45	18°♎05'42		evening set	-10569 Jul 24 j 10:53	0°♒43'37	
min. Earth dist.	-10574 Jun 10 j 08:27	11°♎58'15	0.50789 AU		-10569 Aug 31 j 00:16	0°♓	
greatest brilliancy	-10574 Jun 16 j 15:51	9°♎39'18	-2.1m				
opposition	-10574 Jun 18 j 01:52	9°♎07'56	-5°13'46	conjunction	-10569 Sep 24 j 08:09	19°♓05'17	0°23'10
direct	-10574 Jul 22 j 07:38	1°♎46'51		minimum elong	-10569 Sep 24 j 10:16	19°♓09'26	0°23'43
	-10574 Oct 13 j 04:38	0°♏			-10569 Oct 08 j 07:14	0°♓	
	-10574 Dec 05 j 16:09	0°♐		max. Earth dist.	-10569 Oct 19 j 09:04	8°♓36'36	2.38759 AU
	-10573 Jan 24 j 13:21	0°♑		desc. node	-10569 Oct 25 j 00:02	12°♓57'34	
asc. node	-10573 Feb 25 j 00:26	19°♑32'51			-10569 Nov 16 j 06:30	0°♑	
	-10573 Mar 13 j 12:30	0°♒		morning rise	-10569 Nov 28 j 10:51	9°♑10'32	
evening set	-10573 Apr 15 j 08:07	21°♒14'46			-10569 Dec 26 j 17:08	0°♎	
	-10573 Apr 28 j 13:29	0°♐			-10568 Feb 07 j 06:34	0°♏	
max. Earth dist.	-10573 May 06 j 15:47	5°♐25'15	2.57149 AU		-10568 Mar 23 j 12:42	0°♐	
					-10568 May 11 j 13:04	0°♑	
conjunction	-10573 Jun 03 j 19:48	24°♐39'09	0°54'14		-10568 Jul 08 j 14:37	0°♒	
minimum elong	-10573 Jun 03 j 18:02	24°♐36'04	0°54'05	retrograde	-10568 Aug 30 j 12:39	13°♒19'42	
	-10573 Jun 11 j 12:04	0°♑		opposition	-10568 Oct 08 j 09:59	4°♒08'20	-0°22'08
	-10573 Jul 23 j 10:24	0°♒		greatest brilliancy	-10568 Oct 08 j 11:08	4°♒07'11	-1.5m
morning rise	-10573 Jul 24 j 08:10	0°♒39'48		min. Earth dist.	-10568 Oct 11 j 07:07	2°♒59'43	0.65104 AU
	-10573 Sep 01 j 17:37	0°♒		asc. node	-10568 Oct 17 j 12:05	0°♒35'56	
	-10573 Oct 11 j 00:48	0°♓			-10568 Oct 19 j 03:18	30°♒♑	
	-10573 Nov 19 j 02:53	0°♓		direct	-10568 Nov 18 j 06:09	24°♑09'44	
	-10573 Dec 28 j 22:55	0°♑			-10568 Dec 21 j 02:48	0°♒	
desc. node	-10572 Jan 20 j 11:30	16°♑23'33			-10567 Feb 22 j 04:50	0°♐	
	-10572 Feb 08 j 20:06	0°♎			-10567 Apr 10 j 18:22	0°♑	
	-10572 Mar 26 j 04:54	0°♏			-10567 May 23 j 10:02	0°♒	
	-10572 May 30 j 14:53	0°♐			-10567 Jul 02 j 09:51	0°♒	
retrograde	-10572 Jun 20 j 23:14	2°♐50'09			-10567 Aug 10 j 01:56	0°♓	
	-10572 Jul 11 j 03:01	30°♒♏		desc. node	-10567 Sep 10 j 20:44	24°♓49'46	
min. Earth dist.	-10572 Jul 26 j 03:10	24°♏46'05	0.61304 AU		-10567 Sep 17 j 12:21	0°♓	
opposition	-10572 Jul 30 j 17:47	22°♏56'00	-5°07'30	evening set	-10567 Sep 27 j 03:19	7°♓27'14	
greatest brilliancy	-10572 Jul 29 j 23:27	23°♏14'14	-1.6m		-10567 Oct 26 j 15:31	0°♑	
direct	-10572 Sep 06 j 08:42	14°♏08'18					
	-10572 Nov 04 j 08:13	0°♐		conjunction	-10567 Nov 27 j 03:40	23°♑24'04	-0°51'43
	-10571 Jan 01 j 09:46	0°♑		minimum elong	-10567 Nov 27 j 00:49	23°♑18'51	0°51'34
asc. node	-10571 Jan 12 j 03:05	6°♑09'17			-10567 Dec 06 j 05:42	0°♎	
	-10571 Feb 20 j 19:38	0°♒		max. Earth dist.	-10566 Jan 06 j 12:05	22°♎11'21	2.50360 AU
	-10571 Apr 08 j 15:42	0°♐			-10566 Jan 17 j 18:52	0°♏	
	-10571 May 22 j 15:37	0°♑		morning rise	-10566 Jan 24 j 08:13	4°♏29'35	
evening set	-10571 May 29 j 11:52	4°♑49'38			-10566 Mar 03 j 12:10	0°♐	
max. Earth dist.	-10571 Jun 14 j 17:49	16°♑27'47	2.45856 AU		-10566 Apr 19 j 10:56	0°♑	
	-10571 Jul 03 j 05:59	0°♒			-10566 Jun 08 j 02:31	0°♒	

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Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10566 Aug 02 j 17:35	0° H				-10561 Nov 19 j 03:59	0° M	
asc. node	-10566 Sep 04 j 13:12	13° H 36'34				-10560 Jan 04 j 21:53	0° A	
retrograde	-10566 Oct 09 j 23:55	20° H 10'41		evening set		-10560 Feb 20 j 03:17	29° A 25'07	
opposition	-10566 Nov 15 j 19:57	12° H 01'41	3°04'37			-10560 Feb 21 j 01:13	0° Z	
greatest brilliancy	-10566 Nov 16 j 10:51	11° H 47'35	-1.7m	max. Earth dist.		-10560 Mar 30 j 05:36	24° Z 22'33	2.65851 AU
min. Earth dist.	-10566 Nov 22 j 05:20	9° H 36'52	0.57953 AU			-10560 Apr 07 j 23:36	0° \approx	
direct	-10566 Dec 26 j 01:37	2° H 22'16						
	-10565 Mar 13 j 21:11	0° Y		conjunction		-10560 Apr 08 j 00:59	0° \approx 02'14	-0°10'32
	-10565 Apr 29 j 17:46	0° B		minimum elong		-10560 Apr 08 j 01:25	0° \approx 02'56	0°11'03
	-10565 Jun 10 j 07:44	0° II		behind sun begin		-10560 Apr 07 j 11:09	29° Z 39'59	
	-10565 Jul 19 j 21:08	0° G		behind sun end		-10560 Apr 08 j 15:41	0° \approx 25'54	
desc. node	-10565 Jul 29 j 22:12	7° G 42'28		asc. node		-10560 Apr 25 j 19:15	11° \approx 31'13	
	-10565 Aug 27 j 23:46	0° Ω		morning rise		-10560 May 24 j 16:41	0° H 26'11	
	-10565 Oct 06 j 17:17	0° M				-10560 May 24 j 00:49	0° H	
	-10565 Nov 16 j 20:12	0° $\underline{\text{A}}$				-10560 Jul 07 j 18:52	0° Y	
evening set	-10565 Nov 25 j 03:15	5° $\underline{\text{A}}$ 53'56				-10560 Aug 20 j 04:39	0° B	
	-10565 Dec 29 j 18:53	0° M				-10560 Oct 01 j 12:39	0° II	
						-10560 Nov 12 j 08:31	0° G	
conjunction	-10564 Jan 18 j 05:15	13° M 09'09	-1°13'54			-10560 Dec 24 j 19:12	0° Ω	
minimum elong	-10564 Jan 18 j 05:29	13° M 09'32	1°14'15			-10559 Feb 08 j 21:43	0° M	
max. Earth dist.	-10564 Feb 09 j 10:55	27° M 55'34	2.60557 AU	desc. node		-10559 Mar 21 j 10:08	20° M 06'41	
	-10564 Feb 12 j 14:38	0° A		retrograde		-10559 Apr 21 j 14:57	26° M 17'35	
morning rise	-10564 Mar 09 j 10:35	16° A 48'33		min. Earth dist.		-10559 May 19 j 18:45	20° M 59'55	0.45833 AU
	-10564 Mar 30 j 00:12	0° Z		opposition		-10559 May 27 j 19:19	18° M 15'57	-4°07'51
	-10564 May 16 j 14:08	0° \approx		greatest brilliancy		-10559 May 26 j 13:29	18° M 41'33	-2.4m
	-10564 Jul 04 j 08:09	0° H		direct		-10559 Jun 29 j 12:06	11° M 42'23	
asc. node	-10564 Jul 22 j 09:26	10° H 49'13				-10559 Aug 30 j 16:48	0° $\underline{\text{A}}$	
	-10564 Aug 24 j 16:06	0° Y				-10559 Oct 25 j 01:28	0° M	
	-10564 Oct 27 j 06:03	0° B				-10559 Dec 14 j 07:28	0° A	
retrograde	-10564 Dec 01 j 14:54	6° B 37'12				-10558 Feb 01 j 01:02	0° Z	
opposition	-10563 Jan 03 j 21:40	0° B 11'44	6°24'13	asc. node		-10558 Mar 13 j 15:30	25° Z 34'31	
	-10563 Jan 04 j 11:59	30° K Y				-10558 Mar 20 j 13:34	0° \approx	
greatest brilliancy	-10563 Jan 05 j 14:54	29° Y 37'52	-2.3m	evening set		-10558 Mar 30 j 12:08	6° \approx 23'43	
min. Earth dist.	-10563 Jan 11 j 23:08	27° Y 33'34	0.46271 AU	max. Earth dist.		-10558 Apr 25 j 02:30	23° \approx 06'00	2.60554 AU
direct	-10563 Feb 09 j 13:21	22° Y 22'50				-10558 May 05 j 12:20	0° H	
	-10563 Mar 16 j 20:57	0° B						
	-10563 May 10 j 19:44	0° II		conjunction		-10558 May 18 j 00:39	8° H 23'09	0°37'51
desc. node	-10563 Jun 16 j 02:00	24° II 45'45		minimum elong		-10558 May 17 j 23:14	8° H 20'45	0°37'34
	-10563 Jun 23 j 10:39	0° G				-10558 Jun 18 j 14:01	0° Y	
	-10563 Aug 03 j 20:59	0° Ω		morning rise		-10558 Jul 05 j 15:21	11° Y 58'19	
	-10563 Sep 14 j 06:43	0° M				-10558 Jul 30 j 19:00	0° B	
	-10563 Oct 26 j 16:31	0° $\underline{\text{A}}$				-10558 Sep 09 j 11:15	0° II	
	-10563 Dec 09 j 13:59	0° M				-10558 Oct 19 j 04:33	0° G	
evening set	-10562 Jan 10 j 08:28	21° M 05'10				-10558 Nov 27 j 17:45	0° Ω	
	-10562 Jan 23 j 23:37	0° A				-10557 Jan 07 j 04:13	0° M	
				desc. node		-10557 Feb 06 j 07:59	21° M 18'40	
conjunction	-10562 Feb 28 j 23:12	23° A 15'25	-0°53'00			-10557 Feb 19 j 05:42	0° $\underline{\text{A}}$	
minimum elong	-10562 Mar 01 j 00:46	23° A 17'56	0°53'34			-10557 Apr 10 j 17:55	0° M	
max. Earth dist.	-10562 Mar 06 j 16:16	26° A 55'21	2.65877 AU	retrograde		-10557 Jun 06 j 19:30	17° M 03'08	
	-10562 Mar 11 j 11:29	0° Z		min. Earth dist.		-10557 Jul 10 j 02:21	9° M 41'18	0.57722 AU
morning rise	-10562 Apr 17 j 13:25	23° Z 42'21		greatest brilliancy		-10557 Jul 15 j 00:37	7° M 45'52	-1.7m
	-10562 Apr 27 j 09:48	0° \approx		opposition		-10557 Jul 16 j 02:54	7° M 20'10	-5°29'52
asc. node	-10562 Jun 09 j 02:21	27° \approx 22'21				-10557 Aug 09 j 10:24	30° K $\underline{\text{A}}$	
	-10562 Jun 13 j 04:20	0° H		direct		-10557 Aug 21 j 13:15	29° $\underline{\text{A}}$ 01'13	
	-10562 Jul 29 j 14:15	0° Y				-10557 Sep 03 j 06:42	0° M	
	-10562 Sep 14 j 00:31	0° B				-10557 Nov 18 j 22:57	0° A	
	-10562 Oct 31 j 17:23	0° II				-10556 Jan 11 j 06:12	0° Z	
	-10562 Dec 24 j 21:08	0° G		asc. node		-10556 Jan 29 j 16:56	11° Z 02'22	
retrograde	-10561 Feb 14 j 21:48	14° G 11'18				-10556 Feb 29 j 10:13	0° \approx	
opposition	-10561 Mar 17 j 18:29	8° G 59'30	3°39'54			-10556 Apr 15 j 20:41	0° H	
greatest brilliancy	-10561 Mar 17 j 22:32	8° G 56'47	-2.9m	evening set		-10556 May 10 j 23:47	16° H 57'24	
min. Earth dist.	-10561 Mar 17 j 15:52	9° G 01'16	0.38241 AU	max. Earth dist.		-10556 May 27 j 11:11	28° H 21'59	2.50587 AU
direct	-10561 Apr 17 j 07:54	3° G 52'05				-10556 May 29 j 19:08	0° Y	
desc. node	-10561 May 04 j 06:20	5° G 41'53						
	-10561 Jun 30 j 10:03	0° Ω		conjunction		-10556 Jul 02 j 00:23	23° Y 47'10	1°11'14
	-10561 Aug 18 j 15:56	0° M		minimum elong		-10556 Jul 01 j 23:23	23° Y 45'20	1°11'24
	-10561 Oct 03 j 23:30	0° $\underline{\text{A}}$				-10556 Jul 10 j 11:44	0° B	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10556 Aug 19 j 10:15	0°♊		opposition	-10551 Oct 31 j 01:10	26°♊42'55	1°40'28
morning rise	-10556 Aug 26 j 04:17	5°♊10'07		greatest brilliancy	-10551 Oct 31 j 07:31	26°♊36'45	-1.6m
	-10556 Sep 27 j 07:26	0°♊		min. Earth dist.	-10551 Nov 05 j 03:12	24°♊44'42	0.61429 AU
	-10556 Nov 04 j 23:06	0°♊		direct	-10551 Dec 10 j 18:40	16°♊48'54	
	-10556 Dec 14 j 06:42	0°♊			-10550 Jan 30 j 18:19	0°♊	
desc. node	-10556 Dec 24 j 01:43	7°♊18'45			-10550 Mar 26 j 01:03	0°♊	
	-10555 Jan 24 j 06:00	0°♊			-10550 May 09 j 09:52	0°♊	
	-10555 Mar 09 j 04:13	0°♊			-10550 Jun 19 j 02:45	0°♊	
	-10555 Apr 28 j 00:08	0°♊			-10550 Jul 28 j 04:35	0°♊	
retrograde	-10555 Jul 13 j 05:28	25°♊42'41		desc. node	-10550 Aug 15 j 14:06	14°♊15'39	
min. Earth dist.	-10555 Aug 19 j 21:35	16°♊44'32	0.65045 AU		-10550 Sep 04 j 22:37	0°♊	
opposition	-10555 Aug 22 j 05:09	15°♊48'36	-4°03'42		-10550 Oct 14 j 08:42	0°♊	
greatest brilliancy	-10555 Aug 21 j 22:16	15°♊55'32	-1.4m	evening set	-10550 Nov 03 j 18:22	15°♊08'35	
direct	-10555 Sep 30 j 07:54	6°♊27'27			-10550 Nov 24 j 04:56	0°♊	
	-10555 Dec 14 j 19:57	0°♊					
asc. node	-10555 Dec 16 j 21:35	1°♊01'51		conjunction	-10550 Dec 30 j 10:47	25°♊32'15	-1°11'50
	-10554 Feb 07 j 06:04	0°♊		minimum elong	-10550 Dec 30 j 09:42	25°♊30'22	1°12'01
	-10554 Mar 27 j 06:53	0°♊			-10549 Jan 05 j 22:22	0°♊	
	-10554 May 10 j 15:43	0°♊		max. Earth dist.	-10549 Jan 28 j 20:15	15°♊32'08	2.57090 AU
	-10554 Jun 21 j 06:51	0°♊			-10549 Feb 19 j 15:20	0°♊	
evening set	-10554 Jul 01 j 01:39	7°♊17'12		morning rise	-10549 Feb 21 j 23:01	1°♊31'23	
	-10554 Jul 30 j 22:44	0°♊			-10549 Apr 07 j 03:20	0°♊	
max. Earth dist.	-10554 Aug 04 j 06:08	3°♊19'26	2.39187 AU		-10549 May 25 j 06:09	0°♊	
					-10549 Jul 14 j 13:59	0°♊	
conjunction	-10554 Aug 29 j 05:58	22°♊45'54	0°51'09	asc. node	-10549 Aug 09 j 03:26	14°♊16'21	
minimum elong	-10554 Aug 29 j 09:09	22°♊52'08	0°51'40		-10549 Sep 09 j 10:17	0°♊	
	-10554 Sep 07 j 11:42	0°♊		retrograde	-10549 Nov 09 j 06:35	16°♊49'33	
	-10554 Oct 15 j 19:20	0°♊		opposition	-10549 Dec 14 j 04:36	9°♊37'42	5°16'40
morning rise	-10554 Nov 01 j 17:46	13°♊08'10		greatest brilliancy	-10549 Dec 15 j 13:12	9°♊08'54	-2.0m
desc. node	-10554 Nov 10 j 19:53	20°♊07'30		min. Earth dist.	-10549 Dec 22 j 04:09	6°♊49'07	0.51162 AU
	-10554 Nov 23 j 18:50	0°♊		direct	-10548 Jan 21 j 18:38	0°♊49'28	
	-10553 Jan 03 j 05:56	0°♊			-10548 Apr 08 j 18:12	0°♊	
	-10553 Feb 14 j 22:36	0°♊			-10548 May 23 j 23:06	0°♊	
	-10553 Apr 01 j 17:01	0°♊		desc. node	-10548 Jul 02 j 18:18	29°♊00'32	
	-10553 May 22 j 14:42	0°♊			-10548 Jul 04 j 02:16	0°♊	
	-10553 Aug 12 j 05:55	0°♊			-10548 Aug 13 j 05:05	0°♊	
retrograde	-10553 Aug 17 j 10:14	0°♊10'08			-10548 Sep 22 j 17:17	0°♊	
	-10553 Aug 22 j 12:11	30°♊			-10548 Nov 03 j 11:04	0°♊	
opposition	-10553 Sep 25 j 19:56	20°♊41'58	-1°32'29		-10548 Dec 16 j 21:04	0°♊	
greatest brilliancy	-10553 Sep 25 j 22:19	20°♊39'35	-1.4m	evening set	-10548 Dec 24 j 02:20	4°♊52'31	
min. Earth dist.	-10553 Sep 27 j 06:26	20°♊07'26	0.66293 AU		-10547 Jan 30 j 23:24	0°♊	
asc. node	-10553 Nov 04 j 02:43	10°♊34'02					
direct	-10553 Nov 05 j 10:31	10°♊48'23		conjunction	-10547 Feb 13 j 02:16	8°♊33'09	-1°04'38
	-10552 Jan 10 j 04:14	0°♊		minimum elong	-10547 Feb 13 j 03:41	8°♊35'27	1°05'09
	-10552 Mar 04 j 04:12	0°♊		max. Earth dist.	-10547 Feb 24 j 21:28	16°♊11'45	2.64426 AU
	-10552 Apr 19 j 05:15	0°♊			-10547 Mar 18 j 08:45	0°♊	
	-10552 May 31 j 09:06	0°♊		morning rise	-10547 Apr 02 j 18:06	9°♊50'08	
	-10552 Jul 10 j 04:15	0°♊			-10547 May 04 j 10:45	0°♊	
	-10552 Aug 17 j 17:39	0°♊			-10547 Jun 20 j 18:24	0°♊	
evening set	-10552 Sep 01 j 07:24	11°♊25'25		asc. node	-10547 Jun 25 j 20:56	3°♊13'46	
	-10552 Sep 25 j 01:39	0°♊			-10547 Aug 07 j 10:05	0°♊	
desc. node	-10552 Sep 27 j 15:27	2°♊00'11			-10547 Sep 25 j 13:31	0°♊	
					-10547 Nov 20 j 05:58	0°♊	
conjunction	-10552 Nov 03 j 03:27	0°♊02'33	-0°26'56	retrograde	-10546 Jan 14 j 11:45	15°♊00'41	
minimum elong	-10552 Nov 03 j 01:17	29°♊58'27	0°26'33	opposition	-10546 Feb 14 j 13:36	9°♊43'04	6°11'30
	-10552 Nov 03 j 02:06	0°♊		greatest brilliancy	-10546 Feb 15 j 17:41	9°♊23'22	-2.7m
	-10552 Dec 13 j 13:24	0°♊		min. Earth dist.	-10546 Feb 19 j 07:55	8°♊23'14	0.39893 AU
max. Earth dist.	-10552 Dec 18 j 01:11	3°♊14'41	2.45442 AU	direct	-10546 Mar 18 j 23:07	3°♊51'30	
morning rise	-10551 Jan 03 j 16:52	15°♊07'42		desc. node	-10546 May 20 j 23:52	24°♊38'45	
	-10551 Jan 25 j 00:52	0°♊			-10546 May 30 j 10:43	0°♊	
	-10551 Mar 10 j 20:08	0°♊			-10546 Jul 16 j 17:58	0°♊	
	-10551 Apr 27 j 07:00	0°♊			-10546 Aug 29 j 23:47	0°♊	
	-10551 Jun 17 j 16:43	0°♊			-10546 Oct 13 j 02:40	0°♊	
	-10551 Aug 22 j 15:50	0°♊			-10546 Nov 27 j 02:30	0°♊	
asc. node	-10551 Sep 21 j 05:39	5°♊18'40			-10545 Jan 12 j 04:06	0°♊	
retrograde	-10551 Sep 23 j 06:14	5°♊20'13		evening set	-10545 Feb 04 j 17:14	15°♊07'40	
	-10551 Oct 22 j 05:25	30°♊			-10545 Feb 27 j 23:26	0°♊	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

max. Earth dist.	-10545 Mar 21 j 19:35	13° Z 57'15	2.66499 AU			-10540 Feb 02 j 23:49	0° Z	
						-10540 Mar 19 j 02:33	0° M	
conjunction	-10545 Mar 25 j 00:17	15° Z 59'54	-0°28'29			-10540 May 13 j 09:05	0° J	
minimum elong	-10545 Mar 25 j 01:21	16° Z 01'37	0°29'04	retrograde		-10540 Jun 29 j 06:09	11° J 40'58	
	-10545 Apr 15 j 20:21	0° \approx		min. Earth dist.		-10540 Aug 04 j 08:45	3° J 16'22	0.62884 AU
morning rise	-10545 May 10 j 17:35	16° \approx 04'08		opposition		-10540 Aug 08 j 04:04	1° J 44'59	-4°47'33
asc. node	-10545 May 13 j 12:54	17° \approx 53'22		greatest brilliancy		-10540 Aug 07 j 14:07	1° J 58'56	-1.5m
	-10545 Jun 01 j 02:21	0° H				-10540 Aug 12 j 14:27	30° R M	
	-10545 Jul 16 j 08:13	0° Y		direct		-10540 Sep 15 j 09:17	22° M 43'59	
	-10545 Aug 29 j 13:54	0° B				-10540 Oct 22 j 20:55	0° J	
	-10545 Oct 12 j 04:12	0° II				-10540 Dec 26 j 02:08	0° Z	
	-10545 Nov 24 j 22:33	0° S		asc. node		-10539 Jan 02 j 11:28	4° Z 05'19	
	-10544 Jan 10 j 03:50	0° Q				-10539 Feb 15 j 14:56	0° \approx	
	-10544 Mar 19 j 10:19	0° M				-10539 Apr 03 j 20:11	0° H	
retrograde	-10544 Mar 29 j 18:23	0° M 43'29				-10539 May 17 j 23:22	0° Y	
desc. node	-10544 Apr 07 j 02:55	0° M 14'08		evening set		-10539 Jun 09 j 18:47	16° Y 14'40	
	-10544 Apr 08 j 22:44	30° R Q		max. Earth dist.		-10539 Jun 28 j 06:19	29° Y 45'41	2.43201 AU
min. Earth dist.	-10544 Apr 25 j 22:17	26° Q 02'04	0.41406 AU			-10539 Jun 28 j 14:04	0° B	
opposition	-10544 May 02 j 16:49	23° Q 58'07	-1°51'35					
greatest brilliancy	-10544 May 02 j 04:04	24° Q 07'54	-2.7m	conjunction		-10539 Aug 04 j 20:23	28° B 06'05	1°08'07
direct	-10544 Jun 02 j 20:50	18° Q 15'06		minimum elong		-10539 Aug 04 j 22:12	28° B 09'35	1°08'35
	-10544 Jul 20 j 01:38	0° M				-10539 Aug 07 j 07:44	0° II	
	-10544 Sep 15 j 05:26	0° Z				-10539 Sep 14 j 23:00	0° S	
	-10544 Nov 03 j 23:14	0° M		morning rise		-10539 Oct 05 j 06:42	15° S 53'36	
	-10544 Dec 22 j 08:42	0° J				-10539 Oct 23 j 08:43	0° Q	
	-10543 Feb 08 j 07:11	0° Z		desc. node		-10539 Nov 27 j 15:03	27° Q 07'38	
evening set	-10543 Mar 15 j 02:26	22° Z 02'54				-10539 Dec 01 j 10:04	0° M	
	-10543 Mar 27 j 12:23	0° \approx				-10538 Jan 10 j 23:36	0° Z	
asc. node	-10543 Mar 30 j 07:53	1° \approx 48'36				-10538 Feb 22 j 22:43	0° M	
max. Earth dist.	-10543 Apr 14 j 15:04	11° \approx 42'40	2.63235 AU			-10538 Apr 10 j 13:58	0° J	
						-10538 Jun 04 j 04:34	0° Z	
conjunction	-10543 May 02 j 02:28	23° \approx 08'59	0°19'28	retrograde		-10538 Aug 03 j 17:02	17° Z 06'54	
minimum elong	-10543 May 02 j 01:43	23° \approx 07'43	0°19'04	opposition		-10538 Sep 12 j 11:25	7° Z 25'33	-2°36'33
	-10543 May 12 j 10:56	0° H		greatest brilliancy		-10538 Sep 12 j 12:00	7° Z 24'58	-1.4m
morning rise	-10543 Jun 18 j 12:41	25° H 02'03		min. Earth dist.		-10538 Sep 12 j 10:44	7° Z 26'15	0.66551 AU
	-10543 Jun 25 j 17:41	0° Y				-10538 Oct 03 j 20:49	30° R J	
	-10543 Aug 07 j 07:36	0° B		direct		-10538 Oct 22 j 15:44	27° J 41'28	
	-10543 Sep 17 j 11:44	0° II				-10538 Nov 11 j 18:36	0° Z	
	-10543 Oct 27 j 18:46	0° S		asc. node		-10538 Nov 20 j 16:29	2° Z 15'31	
	-10543 Dec 07 j 00:16	0° Q				-10537 Jan 22 j 10:48	0° \approx	
	-10542 Jan 17 j 11:24	0° M				-10537 Mar 14 j 01:02	0° H	
desc. node	-10542 Feb 23 j 02:29	24° M 30'21				-10537 Apr 28 j 05:12	0° Y	
	-10542 Mar 04 j 00:39	0° Z				-10537 Jun 09 j 02:08	0° B	
retrograde	-10542 May 21 j 09:12	29° Z 31'44				-10537 Jul 18 j 18:52	0° II	
min. Earth dist.	-10542 Jun 21 j 15:30	22° Z 57'06	0.53412 AU	evening set		-10537 Aug 07 j 11:45	15° II 17'00	
opposition	-10542 Jun 28 j 21:31	20° Z 12'49	-5°29'27			-10537 Aug 26 j 06:58	0° S	
greatest brilliancy	-10542 Jun 27 j 12:54	20° Z 43'41	-2.0m			-10537 Oct 03 j 13:34	0° Q	
direct	-10542 Aug 02 j 23:04	12° Z 29'05						
	-10542 Oct 03 j 16:17	0° M		conjunction		-10537 Oct 09 j 08:13	4° Q 29'53	0°04'42
	-10542 Nov 29 j 13:41	0° J		minimum elong		-10537 Oct 09 j 08:41	4° Q 30'47	0°05'12
	-10541 Jan 19 j 09:58	0° Z		behind sun begin		-10537 Oct 08 j 06:33	3° Q 39'59	
asc. node	-10541 Feb 15 j 07:32	16° Z 31'40		behind sun end		-10537 Oct 10 j 10:50	5° Q 21'34	
	-10541 Mar 08 j 18:12	0° \approx		desc. node		-10537 Oct 15 j 10:12	9° Q 13'10	
	-10541 Apr 23 j 22:22	0° H				-10537 Nov 11 j 12:22	0° M	
evening set	-10541 Apr 24 j 18:52	0° H 34'08		max. Earth dist.		-10537 Nov 19 j 03:19	5° M 45'39	2.40693 AU
max. Earth dist.	-10541 May 14 j 01:04	13° H 32'27	2.54962 AU	morning rise		-10537 Dec 12 j 16:56	23° M 16'42	
	-10541 Jun 06 j 21:14	0° Y				-10537 Dec 21 j 22:02	0° Z	
						-10536 Feb 02 j 09:21	0° M	
conjunction	-10541 Jun 14 j 00:27	5° Y 00'55	1°02'03			-10536 Mar 18 j 09:28	0° J	
minimum elong	-10541 Jun 13 j 22:44	4° Y 57'52	1°02'02			-10536 May 05 j 15:42	0° Z	
	-10541 Jul 18 j 17:45	0° B				-10536 Jun 29 j 04:52	0° \approx	
morning rise	-10541 Aug 04 j 22:22	12° B 42'29		retrograde		-10536 Sep 07 j 21:52	21° \approx 28'00	
	-10541 Aug 27 j 22:05	0° II		asc. node		-10536 Oct 07 j 20:13	15° \approx 44'49	
	-10541 Oct 06 j 01:32	0° S		opposition		-10536 Oct 16 j 11:20	12° \approx 27'36	0°21'17
	-10541 Nov 13 j 23:19	0° Q		greatest brilliancy		-10536 Oct 16 j 12:19	12° \approx 26'38	-1.5m
	-10541 Dec 23 j 13:38	0° M		min. Earth dist.		-10536 Oct 20 j 03:37	11° \approx 00'38	0.64058 AU
desc. node	-10540 Jan 10 j 22:21	13° M 31'24		direct		-10536 Nov 26 j 08:47	2° \approx 28'46	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10535 Feb 14 j 20:39	0° H				-10530 Apr 22 j 17:51	0° \approx	
	-10535 Apr 05 j 00:38	0° Y		morning rise		-10530 Apr 26 j 00:42	2° \approx 06'23	
	-10535 May 18 j 04:26	0° B		asc. node		-10530 May 30 j 07:26	24° \approx 10'42	
	-10535 Jun 27 j 09:46	0° II				-10530 Jun 08 j 07:05	0° H	
	-10535 Aug 05 j 04:49	0° E				-10530 Jul 24 j 05:20	0° Y	
desc. node	-10535 Sep 01 j 08:47	21° E 11'01				-10530 Sep 07 j 16:28	0° B	
	-10535 Sep 12 j 17:10	0° Ω				-10530 Oct 23 j 09:53	0° II	
evening set	-10535 Oct 11 j 04:56	21° Ω 53'47				-10530 Dec 10 j 10:48	0° E	
	-10535 Oct 21 j 21:47	0° M				-10529 Feb 15 j 20:57	0° Ω	
	-10535 Dec 01 j 12:47	0° $\underline{\text{E}}$		retrograde		-10529 Mar 03 j 16:27	1° Ω 37'33	
						-10529 Mar 19 j 16:34	30° R E	
conjunction	-10535 Dec 09 j 19:13	5° $\underline{\text{E}}$ 56'38	-1°01'38	min. Earth dist.		-10529 Apr 01 j 09:28	26° E 53'56	0.38621 AU
minimum elong	-10535 Dec 09 j 16:46	5° $\underline{\text{E}}$ 52'15	1°01'37	opposition		-10529 Apr 04 j 10:05	26° E 03'49	1°36'27
	-10534 Jan 13 j 02:04	0° M		greatest brilliancy		-10529 Apr 04 j 07:50	26° E 05'23	-2.9m
max. Earth dist.	-10534 Jan 15 j 13:22	1° M 41'51	2.52894 AU	desc. node		-10529 Apr 24 j 19:41	21° E 34'00	
morning rise	-10534 Feb 04 j 05:20	15° M 02'55		direct		-10529 May 04 j 16:13	20° E 55'47	
	-10534 Feb 26 j 17:44	0° Z				-10529 Jun 13 j 21:31	0° Ω	
	-10534 Apr 14 j 10:51	0° Z				-10529 Aug 10 j 06:38	0° M	
	-10534 Jun 02 j 09:12	0° \approx				-10529 Sep 27 j 16:16	0° $\underline{\text{E}}$	
	-10534 Jul 25 j 08:28	0° H				-10529 Nov 13 j 18:51	0° M	
asc. node	-10534 Aug 25 j 19:57	15° H 17'23				-10529 Dec 30 j 23:55	0° Z	
retrograde	-10534 Oct 20 j 07:18	29° H 38'25				-10528 Feb 16 j 09:03	0° Z	
opposition	-10534 Nov 25 j 13:10	21° H 47'51	3°53'36	evening set		-10528 Feb 28 j 21:05	7° Z 56'14	
greatest brilliancy	-10534 Nov 26 j 10:09	21° H 28'23	-1.8m			-10528 Apr 03 j 09:28	0° \approx	
min. Earth dist.	-10534 Dec 02 j 14:55	19° H 10'50	0.55705 AU	max. Earth dist.		-10528 Apr 04 j 19:39	0° \approx 55'01	2.65136 AU
direct	-10533 Jan 04 j 08:37	12° H 22'00						
	-10533 Mar 04 j 01:44	0° Y		conjunction		-10528 Apr 16 j 17:21	8° \approx 36'27	0°00'24
	-10533 Apr 22 j 23:41	0° B		minimum elong		-10528 Apr 16 j 17:23	8° \approx 36'30	0°00'06
	-10533 Jun 04 j 10:46	0° II		behind sun begin		-10528 Apr 15 j 22:16	8° \approx 05'33	
	-10533 Jul 14 j 10:23	0° E		behind sun end		-10528 Apr 17 j 12:29	9° \approx 07'27	
desc. node	-10533 Jul 20 j 10:23	4° E 34'03		asc. node		-10528 Apr 16 j 01:12	8° \approx 10'18	
	-10533 Aug 22 j 19:38	0° Ω				-10528 May 19 j 09:36	0° H	
	-10533 Oct 01 j 18:17	0° M		morning rise		-10528 Jun 02 j 12:44	9° H 23'58	
	-10533 Nov 12 j 00:58	0° $\underline{\text{E}}$				-10528 Jul 02 j 23:20	0° Y	
evening set	-10533 Dec 06 j 10:38	17° $\underline{\text{E}}$ 09'44				-10528 Aug 15 j 01:08	0° B	
	-10533 Dec 25 j 02:20	0° M				-10528 Sep 25 j 21:35	0° II	
						-10528 Nov 06 j 01:12	0° E	
conjunction	-10532 Jan 28 j 07:30	22° M 58'40	-1°12'02			-10528 Dec 17 j 10:22	0° Ω	
minimum elong	-10532 Jan 28 j 08:19	23° M 00'01	1°12'27			-10527 Jan 30 j 00:12	0° M	
	-10532 Feb 07 j 23:06	0° Z		desc. node		-10527 Mar 11 j 20:37	24° M 04'28	
max. Earth dist.	-10532 Feb 15 j 18:26	5° Z 06'39	2.62138 AU			-10527 Mar 24 j 12:16	0° $\underline{\text{E}}$	
morning rise	-10532 Mar 18 j 12:09	25° Z 38'30		retrograde		-10527 May 03 j 02:12	9° $\underline{\text{E}}$ 28'56	
	-10532 Mar 25 j 07:31	0° Z		min. Earth dist.		-10527 Jun 01 j 07:22	3° $\underline{\text{E}}$ 44'21	0.48576 AU
	-10532 May 11 j 15:44	0° \approx		greatest brilliancy		-10527 Jun 07 j 21:27	1° $\underline{\text{E}}$ 23'27	-2.2m
	-10532 Jun 28 j 18:36	0° H		opposition		-10527 Jun 09 j 07:10	0° $\underline{\text{E}}$ 53'14	-4°52'49
asc. node	-10532 Jul 12 j 14:43	8° H 30'06				-10527 Jun 11 j 19:26	30° R M	
	-10532 Aug 17 j 09:09	0° Y		direct		-10527 Jul 12 j 20:00	23° M 52'39	
	-10532 Oct 11 j 06:58	0° B				-10527 Aug 15 j 00:45	0° $\underline{\text{E}}$	
retrograde	-10532 Dec 16 j 08:50	19° B 37'44				-10527 Oct 17 j 21:07	0° M	
opposition	-10531 Jan 17 j 18:02	13° B 38'52	6°43'22			-10527 Dec 08 j 18:09	0° Z	
greatest brilliancy	-10531 Jan 19 j 11:34	13° B 06'23	-2.5m			-10526 Jan 27 j 02:42	0° Z	
min. Earth dist.	-10531 Jan 25 j 05:08	11° B 19'41	0.43693 AU	asc. node		-10526 Mar 03 j 23:16	22° Z 24'58	
direct	-10531 Feb 21 j 23:46	6° B 30'37				-10526 Mar 15 j 21:34	0° \approx	
	-10531 Apr 30 j 03:44	0° II		evening set		-10526 Apr 08 j 11:57	15° \approx 13'24	
desc. node	-10531 Jun 06 j 14:38	23° II 41'24				-10526 Apr 30 j 22:25	0° H	
	-10531 Jun 15 j 21:20	0° E		max. Earth dist.		-10526 May 01 j 14:16	0° H 26'23	2.58766 AU
	-10531 Jul 28 j 12:52	0° Ω						
	-10531 Sep 08 j 15:33	0° M		conjunction		-10526 May 27 j 11:36	17° H 55'02	0°47'36
	-10531 Oct 21 j 12:17	0° $\underline{\text{E}}$		minimum elong		-10526 May 27 j 09:55	17° H 52'10	0°47'24
	-10531 Dec 04 j 17:02	0° M				-10526 Jun 13 j 23:28	0° Y	
evening set	-10530 Jan 19 j 19:16	0° Z 19'55		morning rise		-10526 Jul 16 j 01:09	22° Y 44'35	
	-10530 Jan 19 j 07:00	0° Z				-10526 Jul 26 j 01:29	0° B	
	-10530 Mar 06 j 20:45	0° Z				-10526 Sep 04 j 13:11	0° II	
						-10526 Oct 14 j 00:48	0° E	
conjunction	-10530 Mar 09 j 20:19	1° Z 54'35	-0°44'43			-10526 Nov 22 j 07:01	0° Ω	
minimum elong	-10530 Mar 09 j 21:48	1° Z 56'57	0°45'18			-10525 Jan 01 j 07:50	0° M	
max. Earth dist.	-10530 Mar 12 j 06:04	3° Z 27'01	2.66320 AU	desc. node		-10525 Jan 27 j 17:15	19° M 01'14	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10525 Feb 12 j 13:21	0°♌				-10520 May 26 j 09:11	0°♏	
	-10525 Apr 01 j 02:01	0°♍				-10520 Jul 05 j 07:36	0°♐	
retrograde	-10525 Jun 15 j 15:28	26°♍41'11				-10520 Aug 12 j 22:36	0°♑	
min. Earth dist.	-10525 Jul 19 j 23:59	18°♍55'24	0.59818 AU	evening set		-10520 Sep 15 j 23:17	26°♑37'13	
greatest brilliancy	-10525 Jul 24 j 08:26	17°♍12'19	-1.6m	desc. node		-10520 Sep 18 j 02:15	28°♑16'29	
opposition	-10525 Jul 25 j 06:17	16°♍50'44	-5°19'17			-10520 Sep 20 j 07:27	0°♒	
direct	-10525 Aug 31 j 09:37	8°♍14'58				-10520 Oct 29 j 08:36	0°♓	
	-10525 Nov 10 j 20:37	0°♐						
	-10524 Jan 05 j 13:45	0°♑		conjunction		-10520 Nov 16 j 23:55	13°♐58'22	-0°42'06
asc. node	-10524 Jan 20 j 01:15	8°♑28'36		minimum elong		-10520 Nov 16 j 21:05	13°♐53'07	0°41'50
	-10524 Feb 24 j 10:48	0°♒				-10520 Dec 08 j 20:18	0°♑	
	-10524 Apr 11 j 03:41	0°♓		max. Earth dist.		-10520 Dec 30 j 00:51	15°♑09'43	2.48190 AU
evening set	-10524 May 21 j 08:07	27°♓18'48		morning rise		-10519 Jan 15 j 17:15	26°♑50'04	
	-10524 May 25 j 04:18	0°♒				-10519 Jan 20 j 07:15	0°♒	
max. Earth dist.	-10524 Jun 06 j 04:04	8°♒28'25	2.48012 AU			-10519 Mar 05 j 23:51	0°♓	
	-10524 Jul 05 j 20:41	0°♓				-10519 Apr 22 j 01:50	0°♑	
						-10519 Jun 11 j 07:01	0°♒	
conjunction	-10524 Jul 13 j 14:25	5°♓43'52	1°13'02			-10519 Aug 08 j 14:50	0°♓	
minimum elong	-10524 Jul 13 j 14:15	5°♓43'34	1°13'19	asc. node		-10519 Sep 11 j 12:26	11°♓35'13	
	-10524 Aug 14 j 17:47	0°♑		retrograde		-10519 Oct 02 j 14:37	14°♓07'01	
morning rise	-10524 Sep 08 j 21:39	19°♑24'07		opposition		-10519 Nov 08 j 22:07	5°♓44'40	2°28'20
	-10524 Sep 22 j 12:49	0°♑		greatest brilliancy		-10519 Nov 09 j 08:57	5°♓34'17	-1.7m
	-10524 Oct 31 j 01:45	0°♒		min. Earth dist.		-10519 Nov 14 j 18:12	3°♓30'47	0.59622 AU
	-10524 Dec 09 j 06:01	0°♓				-10519 Nov 24 j 18:03	30°♓	
desc. node	-10524 Dec 14 j 12:38	3°♓57'55		direct		-10519 Dec 19 j 10:57	25°♓57'17	
	-10523 Jan 18 j 23:55	0°♑				-10518 Jan 14 j 16:30	0°♓	
	-10523 Mar 03 j 10:00	0°♒				-10518 Mar 18 j 20:49	0°♒	
	-10523 Apr 20 j 14:11	0°♓				-10518 May 03 j 12:47	0°♑	
	-10523 Jun 25 j 02:38	0°♑				-10518 Jun 13 j 17:24	0°♑	
retrograde	-10523 Jul 21 j 02:58	3°♑55'07				-10518 Jul 23 j 01:30	0°♑	
	-10523 Aug 14 j 06:20	30°♓		desc. node		-10518 Aug 06 j 02:49	10°♑50'42	
min. Earth dist.	-10523 Aug 28 j 14:15	24°♓40'29	0.65848 AU			-10518 Aug 30 j 23:32	0°♒	
opposition	-10523 Aug 30 j 02:10	24°♓04'19	-3°33'51			-10518 Oct 09 j 12:42	0°♓	
greatest brilliancy	-10523 Aug 29 j 22:32	24°♓07'58	-1.4m	evening set		-10518 Nov 16 j 03:36	27°♓36'50	
direct	-10523 Oct 08 j 15:27	14°♓33'43				-10518 Nov 19 j 11:17	0°♑	
	-10523 Dec 05 j 20:54	0°♑				-10517 Jan 01 j 06:11	0°♒	
asc. node	-10523 Dec 07 j 05:54	0°♑36'38						
	-10522 Feb 01 j 09:50	0°♒		conjunction		-10517 Jan 10 j 08:39	6°♒12'34	-1°13'51
	-10522 Mar 22 j 04:57	0°♓		minimum elong		-10517 Jan 10 j 08:22	6°♒12'05	1°14'09
	-10522 May 05 j 20:23	0°♒		max. Earth dist.		-10517 Feb 04 j 20:34	23°♒19'04	2.59093 AU
	-10522 Jun 16 j 13:42	0°♓				-10517 Feb 14 j 23:23	0°♓	
evening set	-10522 Jul 14 j 00:44	20°♓38'02		morning rise		-10517 Mar 03 j 13:01	10°♓49'31	
	-10522 Jul 26 j 06:07	0°♑				-10517 Apr 02 j 08:54	0°♑	
	-10522 Sep 02 j 18:49	0°♑				-10517 May 20 j 03:04	0°♒	
						-10517 Jul 08 j 10:39	0°♓	
conjunction	-10522 Sep 12 j 19:43	7°♑52'35	0°36'22	asc. node		-10517 Jul 30 j 09:25	12°♓49'51	
minimum elong	-10522 Sep 12 j 22:39	7°♑58'20	0°36'55			-10517 Aug 30 j 12:29	0°♒	
max. Earth dist.	-10522 Sep 12 j 02:58	7°♑19'42	2.38200 AU	retrograde		-10517 Nov 22 j 01:51	28°♒07'30	
	-10522 Oct 11 j 01:47	0°♒		opposition		-10517 Dec 26 j 02:20	21°♒20'36	5°58'10
desc. node	-10522 Nov 01 j 06:25	16°♒25'45		greatest brilliancy		-10517 Dec 27 j 16:42	20°♒47'56	-2.2m
morning rise	-10522 Nov 17 j 00:31	28°♒29'02		min. Earth dist.		-10516 Jan 03 j 05:59	18°♒34'33	0.48464 AU
	-10522 Nov 19 j 00:27	0°♓		direct		-10516 Feb 01 j 17:13	13°♒02'17	
	-10522 Dec 29 j 10:01	0°♑				-10516 Mar 28 j 12:00	0°♓	
	-10521 Feb 09 j 23:02	0°♒				-10516 May 16 j 10:41	0°♑	
	-10521 Mar 27 j 07:53	0°♓		desc. node		-10516 Jun 23 j 06:49	26°♒44'09	
	-10521 May 15 j 21:56	0°♑				-10516 Jun 27 j 18:28	0°♑	
	-10521 Jul 16 j 18:36	0°♒				-10516 Aug 07 j 12:30	0°♒	
retrograde	-10521 Aug 25 j 10:59	8°♒07'50				-10516 Sep 17 j 10:56	0°♓	
	-10521 Sep 30 j 14:45	30°♓				-10516 Oct 29 j 11:58	0°♑	
opposition	-10521 Oct 03 j 14:54	28°♓48'27	-0°52'20			-10516 Dec 12 j 02:48	0°♒	
greatest brilliancy	-10521 Oct 03 j 16:56	28°♓46'24	-1.4m	evening set		-10515 Jan 03 j 02:18	14°♒42'18	
min. Earth dist.	-10521 Oct 05 j 20:40	27°♓54'54	0.65761 AU			-10515 Jan 26 j 08:01	0°♓	
asc. node	-10521 Oct 25 j 10:32	21°♓13'08						
direct	-10521 Nov 13 j 09:52	18°♓51'25		conjunction		-10515 Feb 22 j 06:34	17°♓28'48	-0°58'20
	-10521 Dec 30 j 20:09	0°♒		minimum elong		-10515 Feb 22 j 08:07	17°♓31'19	0°58'52
	-10520 Feb 26 j 23:47	0°♓		max. Earth dist.		-10515 Mar 02 j 15:36	22°♓52'29	2.65328 AU
	-10520 Apr 13 j 21:53	0°♒				-10515 Mar 13 j 18:04	0°♑	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

morning rise	-10515 Apr 11 j 07:06	18° Z 14'35		opposition	-10510 Jul 08 j 23:32	0° M 37'29	-5°33'23
	-10515 Apr 29 j 17:33	0° \approx		greatest brilliancy	-10510 Jul 07 j 18:05	1° M 05'53	-1.8m
	-10515 Jun 15 j 17:34	0° H			-10510 Jul 10 j 14:41	30° R $\underline{\text{L}}$	
asc. node	-10515 Jun 16 j 02:33	0° H 14'22		direct	-10510 Aug 13 j 20:13	22° $\underline{\text{L}}$ 33'24	
	-10515 Aug 01 j 15:18	0° Y			-10510 Sep 20 j 08:47	0° M	
	-10515 Sep 18 j 01:10	0° B			-10510 Nov 22 j 22:44	0° J	
	-10515 Nov 07 j 02:08	0° II			-10509 Jan 14 j 02:21	0° Z	
	-10514 Jan 16 j 10:09	0° E		asc. node	-10509 Feb 05 j 15:03	13° Z 38'47	
retrograde	-10514 Feb 01 j 06:47	1° E 31'29			-10509 Mar 03 j 22:05	0° \approx	
	-10514 Feb 16 j 21:57	30° R II			-10509 Apr 19 j 06:52	0° H	
opposition	-10514 Mar 03 j 22:16	26° II 24'03	5°00'07	evening set	-10509 May 04 j 11:33	10° J 11'00	
greatest brilliancy	-10514 Mar 04 j 12:42	26° II 14'19	-2.8m	max. Earth dist.	-10509 May 21 j 21:48	22° H 05'38	2.52613 AU
min. Earth dist.	-10514 Mar 06 j 04:40	25° II 47'24	0.38619 AU		-10509 Jun 02 j 06:41	0° Y	
direct	-10514 Apr 04 j 02:49	21° II 03'47					
desc. node	-10514 May 11 j 10:59	29° II 16'42		conjunction	-10509 Jun 24 j 14:38	15° Y 50'50	1°08'06
	-10514 May 13 j 05:42	0° E		minimum elong	-10509 Jun 24 j 13:13	15° Y 48'18	1°08'11
	-10514 Jul 07 j 18:49	0° Ω			-10509 Jul 14 j 01:59	0° B	
	-10514 Aug 23 j 05:22	0° M		morning rise	-10509 Aug 17 j 04:35	25° B 28'20	
	-10514 Oct 07 j 09:40	0° $\underline{\text{L}}$			-10509 Aug 23 j 03:39	0° II	
	-10514 Nov 21 j 23:25	0° M			-10509 Oct 01 j 03:52	0° E	
	-10513 Jan 07 j 08:58	0° J			-10509 Nov 08 j 21:51	0° Ω	
evening set	-10513 Feb 13 j 14:47	23° J 47'54			-10509 Dec 18 j 07:25	0° M	
	-10513 Feb 23 j 08:19	0° Z		desc. node	-10508 Jan 01 j 08:09	10° M 25'36	
max. Earth dist.	-10513 Mar 27 j 08:38	20° Z 26'31	2.66251 AU		-10508 Jan 28 j 09:38	0° $\underline{\text{L}}$	
					-10508 Mar 12 j 15:47	0° M	
conjunction	-10513 Apr 02 j 15:20	24° Z 28'03	-0°18'15		-10508 May 02 j 23:04	0° J	
minimum elong	-10513 Apr 02 j 16:03	24° Z 29'12	0°18'48	retrograde	-10508 Jul 07 j 08:43	20° J 15'18	
	-10513 Apr 11 j 06:01	0° \approx		min. Earth dist.	-10508 Aug 13 j 09:04	11° J 31'24	0.64192 AU
asc. node	-10513 May 03 j 19:16	14° \approx 34'27		opposition	-10508 Aug 16 j 08:24	10° J 19'46	-4°23'23
morning rise	-10513 May 19 j 06:25	24° \approx 39'24		greatest brilliancy	-10508 Aug 15 j 22:38	10° J 29'35	-1.5m
	-10513 May 27 j 09:50	0° H		direct	-10508 Sep 24 j 02:16	1° J 06'59	
	-10513 Jul 11 j 09:32	0° Y			-10508 Dec 19 j 02:43	0° Z	
	-10513 Aug 24 j 04:09	0° B		asc. node	-10508 Dec 23 j 19:15	2° Z 27'30	
	-10513 Oct 06 j 00:34	0° II			-10507 Feb 10 j 05:02	0° \approx	
	-10513 Nov 17 j 13:39	0° E			-10507 Mar 29 j 22:28	0° H	
	-10513 Dec 31 j 04:51	0° Ω			-10507 May 13 j 06:14	0° Y	
	-10512 Feb 18 j 19:51	0° M		evening set	-10507 Jun 21 j 14:19	28° Y 16'32	
desc. node	-10512 Mar 28 j 14:54	14° M 37'03			-10507 Jun 23 j 22:22	0° B	
retrograde	-10512 Apr 12 j 04:24	16° M 04'07		max. Earth dist.	-10507 Jul 16 j 05:57	16° B 42'29	2.40800 AU
min. Earth dist.	-10512 May 09 j 17:13	11° M 05'24	0.43711 AU		-10507 Aug 02 j 15:46	0° II	
greatest brilliancy	-10512 May 16 j 10:00	8° M 54'39	-2.5m				
opposition	-10512 May 17 j 10:03	8° M 34'54	-3°18'59	conjunction	-10507 Aug 18 j 08:33	12° II 08'04	1°00'01
direct	-10512 Jun 18 j 09:49	2° M 24'20		minimum elong	-10507 Aug 18 j 11:21	12° II 13'31	1°00'33
	-10512 Sep 06 j 09:52	0° $\underline{\text{L}}$			-10507 Sep 10 j 06:03	0° E	
	-10512 Oct 28 j 18:20	0° M			-10507 Oct 18 j 14:14	0° Ω	
	-10512 Dec 17 j 02:44	0° J		morning rise	-10507 Oct 20 j 17:09	1° Ω 39'07	
	-10511 Feb 03 j 11:36	0° Z		desc. node	-10507 Nov 18 j 01:56	23° Ω 32'24	
asc. node	-10511 Mar 20 j 14:46	28° Z 32'48			-10507 Nov 26 j 13:41	0° M	
	-10511 Mar 22 j 21:11	0° \approx			-10506 Jan 06 j 00:34	0° $\underline{\text{L}}$	
evening set	-10511 Mar 23 j 21:59	0° \approx 39'47			-10506 Feb 17 j 17:57	0° M	
max. Earth dist.	-10511 Apr 20 j 15:59	18° \approx 39'10	2.61853 AU		-10506 Apr 04 j 18:01	0° J	
	-10511 May 07 j 20:40	0° H			-10506 May 26 j 17:40	0° Z	
				retrograde	-10506 Aug 11 j 13:55	25° Z 03'22	
conjunction	-10511 May 11 j 03:21	2° H 11'01	0°30'13	opposition	-10506 Sep 20 j 04:23	15° Z 28'56	-2°00'00
minimum elong	-10511 May 11 j 02:11	2° H 09'04	0°29'53	greatest brilliancy	-10506 Sep 20 j 06:17	15° Z 27'02	-1.4m
	-10511 Jun 21 j 01:29	0° Y		min. Earth dist.	-10506 Sep 20 j 23:30	15° Z 09'47	0.66525 AU
morning rise	-10511 Jun 28 j 03:09	4° Y 55'01		direct	-10506 Oct 30 j 15:18	5° Z 39'00	
	-10511 Aug 02 j 11:10	0° B		asc. node	-10506 Nov 11 j 00:25	6° Z 25'32	
	-10511 Sep 12 j 09:04	0° II			-10505 Jan 15 j 00:05	0° \approx	
	-10511 Oct 22 j 08:27	0° E			-10505 Mar 08 j 10:09	0° H	
	-10511 Dec 01 j 03:49	0° Ω			-10505 Apr 23 j 03:11	0° Y	
	-10510 Jan 10 j 22:35	0° M			-10505 Jun 04 j 05:11	0° B	
desc. node	-10510 Feb 13 j 13:57	23° M 20'42			-10505 Jul 14 j 00:04	0° II	
	-10510 Feb 23 j 17:46	0° $\underline{\text{L}}$		evening set	-10505 Aug 21 j 23:38	0° E 20'18	
	-10510 Apr 18 j 22:16	0° M			-10505 Aug 21 j 13:16	0° E	
retrograde	-10510 May 30 j 23:16	10° M 11'22			-10505 Sep 28 j 20:22	0° Ω	
min. Earth dist.	-10510 Jul 02 j 08:32	3° M 10'33	0.55865 AU	desc. node	-10505 Oct 05 j 21:11	5° Ω 28'31	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

conjunction	-10505 Oct 24 j 02:03	19°Ω31'59	-0°13'47			-10500 Sep 30 j 19:57	0°♄	
minimum elong	-10505 Oct 24 j 00:51	19°Ω29'41	0°13'20			-10500 Dec 06 j 08:09	0°♂	
behind sun begin	-10505 Oct 23 j 09:22	18°Ω59'58		retrograde		-10499 Jan 01 j 06:28	3°♂49'59	
behind sun end	-10505 Oct 24 j 16:21	19°Ω59'23				-10499 Jan 26 j 20:04	30°♂	
	-10505 Nov 06 j 19:15	0°♏		opposition		-10499 Feb 01 j 21:35	28°♂16'02	6°37'56
max. Earth dist.	-10505 Dec 07 j 23:11	23°♏15'53	2.43224 AU	greatest brilliancy		-10499 Feb 03 j 09:56	27°♂49'16	-2.6m
	-10505 Dec 17 j 04:40	0°♎		min. Earth dist.		-10499 Feb 08 j 04:26	26°♂25'45	0.41409 AU
morning rise	-10505 Dec 26 j 01:05	6°♎23'35		direct		-10499 Mar 07 j 13:03	21°♂51'20	
	-10504 Jan 28 j 14:23	0°♌				-10499 Apr 13 j 05:27	0°♂	
	-10504 Mar 13 j 09:59	0°♊		desc. node		-10499 May 28 j 04:10	23°♂49'28	
	-10504 Apr 30 j 02:21	0°♈				-10499 Jun 06 j 23:23	0°♄	
	-10504 Jun 21 j 11:32	0°♐				-10499 Jul 21 j 15:27	0°♎	
retrograde	-10504 Sep 16 j 13:30	29°♐45'23				-10499 Sep 02 j 17:50	0°♏	
asc. node	-10504 Sep 28 j 04:05	28°♐52'55				-10499 Oct 16 j 04:54	0°♎	
opposition	-10504 Oct 24 j 17:46	20°♐57'11	1°06'24			-10499 Nov 29 j 18:24	0°♌	
greatest brilliancy	-10504 Oct 24 j 21:25	20°♐53'37	-1.5m			-10498 Jan 14 j 13:47	0°♊	
min. Earth dist.	-10504 Oct 29 j 05:20	19°♐12'12	0.62717 AU	evening set		-10498 Jan 29 j 01:00	9°♊20'28	
direct	-10504 Dec 04 j 14:31	10°♐59'57				-10498 Mar 02 j 06:02	0°♈	
	-10503 Feb 06 j 05:41	0°♏						
	-10503 Mar 29 j 21:49	0°♑		conjunction		-10498 Mar 18 j 14:48	10°♈27'52	-0°35'33
	-10503 May 12 j 18:04	0°♄		minimum elong		-10498 Mar 18 j 16:04	10°♈29'53	0°36'08
	-10503 Jun 22 j 06:10	0°♂		max. Earth dist.		-10498 Mar 17 j 20:26	9°♈58'31	2.66529 AU
	-10503 Jul 31 j 05:06	0°♄				-10498 Apr 18 j 02:56	0°♐	
desc. node	-10503 Aug 22 j 18:59	17°♄33'30		morning rise		-10498 May 04 j 11:39	10°♐31'37	
	-10503 Sep 07 j 20:07	0°♎		asc. node		-10498 May 20 j 12:38	20°♐54'09	
	-10503 Oct 17 j 02:55	0°♏				-10498 Jun 03 j 12:23	0°♏	
evening set	-10503 Oct 24 j 19:55	5°♏46'35				-10498 Jul 19 j 01:21	0°♑	
	-10503 Nov 26 j 19:45	0°♎				-10498 Sep 01 j 19:13	0°♄	
						-10498 Oct 16 j 04:43	0°♂	
conjunction	-10503 Dec 21 j 19:25	17°♎46'18	-1°08'31			-10498 Nov 30 j 08:34	0°♄	
minimum elong	-10503 Dec 21 j 17:42	17°♎43'17	1°08'38			-10497 Jan 19 j 05:49	0°♎	
	-10502 Jan 08 j 09:56	0°♌		retrograde		-10497 Mar 19 j 13:18	18°♎46'08	
max. Earth dist.	-10502 Jan 23 j 12:07	10°♌17'44	2.55300 AU	desc. node		-10497 Apr 15 j 07:41	14°♎21'29	
morning rise	-10502 Feb 14 j 13:07	25°♌03'09		min. Earth dist.		-10497 Apr 15 j 23:29	14°♎10'15	0.39871 AU
	-10502 Feb 22 j 01:03	0°♊		opposition		-10497 Apr 21 j 09:31	12°♎36'08	-0°27'56
	-10502 Apr 09 j 13:50	0°♈		greatest brilliancy		-10497 Apr 21 j 06:48	12°♎38'06	-2.8m
	-10502 May 27 j 23:10	0°♐		direct		-10497 May 21 j 23:55	7°♎12'39	
	-10502 Jul 18 j 04:38	0°♏				-10497 Jul 30 j 18:12	0°♏	
asc. node	-10502 Aug 16 j 02:49	15°♏25'23				-10497 Sep 20 j 18:49	0°♎	
	-10502 Sep 17 j 12:48	0°♑				-10497 Nov 08 j 04:09	0°♌	
retrograde	-10502 Oct 31 j 07:50	9°♑35'03				-10497 Dec 25 j 23:37	0°♊	
opposition	-10502 Dec 05 j 20:46	2°♑04'56	4°41'32			-10496 Feb 11 j 15:41	0°♈	
greatest brilliancy	-10502 Dec 07 j 00:22	1°♑39'58	-1.9m	evening set		-10496 Mar 08 j 15:08	16°♈27'58	
	-10502 Dec 11 j 14:42	30°♏				-10496 Mar 29 j 18:57	0°♐	
min. Earth dist.	-10502 Dec 13 j 12:16	29°♏19'19	0.53268 AU	asc. node		-10496 Apr 06 j 07:15	4°♐50'23	
direct	-10501 Jan 14 j 02:23	22°♏57'15		max. Earth dist.		-10496 Apr 10 j 14:40	7°♐37'29	2.64192 AU
	-10501 Feb 17 j 15:18	0°♑						
	-10501 Apr 15 j 10:03	0°♄		conjunction		-10496 Apr 25 j 12:11	17°♐18'43	0°11'28
	-10501 May 29 j 04:52	0°♂		minimum elong		-10496 Apr 25 j 11:44	17°♐18'00	0°11'00
	-10501 Jul 08 j 18:21	0°♄		behind sun begin		-10496 Apr 24 j 21:15	16°♐54'20	
desc. node	-10501 Jul 10 j 22:21	1°♄37'49		behind sun end		-10496 Apr 26 j 02:13	17°♐41'40	
	-10501 Aug 17 j 12:03	0°♎				-10496 May 14 j 18:58	0°♏	
	-10501 Sep 26 j 16:46	0°♏		morning rise		-10496 Jun 11 j 14:00	18°♏37'46	
	-10501 Nov 07 j 04:16	0°♎				-10496 Jun 28 j 05:32	0°♑	
evening set	-10501 Dec 17 j 07:18	27°♎54'32				-10496 Aug 10 j 01:23	0°♄	
	-10501 Dec 20 j 08:58	0°♌				-10496 Sep 20 j 12:45	0°♂	
	-10500 Feb 03 j 07:47	0°♊				-10496 Oct 31 j 04:20	0°♄	
						-10496 Dec 10 j 19:50	0°♎	
conjunction	-10500 Feb 07 j 01:42	2°♊27'18	-1°08'19			-10495 Jan 21 j 23:05	0°♏	
minimum elong	-10500 Feb 07 j 02:56	2°♊29'19	1°08'48	desc. node		-10495 Mar 02 j 07:47	25°♏19'26	
max. Earth dist.	-10500 Feb 21 j 20:20	12°♊04'53	2.63512 AU			-10495 Mar 10 j 11:22	0°♎	
	-10500 Mar 20 j 15:52	0°♈		retrograde		-10495 May 13 j 18:58	21°♎39'31	
morning rise	-10500 Mar 27 j 08:28	4°♈16'46		min. Earth dist.		-10495 Jun 13 j 02:44	15°♎27'48	0.51285 AU
	-10500 May 06 j 19:58	0°♐		greatest brilliancy		-10495 Jun 19 j 09:20	13°♎08'57	-2.1m
	-10500 Jun 23 j 11:12	0°♏		opposition		-10495 Jun 20 j 19:31	12°♎37'18	-5°19'37
asc. node	-10500 Jul 02 j 20:42	5°♏52'50		direct		-10495 Jul 25 j 05:10	5°♎11'57	
	-10500 Aug 10 j 20:16	0°♑				-10495 Oct 09 j 13:27	0°♌	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10495 Dec 02 j 21:12	0°♊				-10490 Oct 06 j 07:51	0°♊	
	-10494 Jan 22 j 00:54	0°♋		desc. node		-10490 Oct 22 j 15:59	12°♊41'48	
asc. node	-10494 Feb 22 j 06:07	19°♋19'48		max. Earth dist.		-10490 Oct 28 j 00:40	16°♊50'05	2.39016 AU
	-10494 Mar 11 j 03:35	0°♌				-10490 Nov 14 j 05:40	0°♍	
evening set	-10494 Apr 17 j 17:57	24°♌20'08		morning rise		-10490 Dec 01 j 21:01	13°♍16'36	
	-10494 Apr 26 j 07:18	0°♍				-10490 Dec 24 j 14:07	0°♎	
max. Earth dist.	-10494 May 08 j 14:23	8°♍13'57	2.56746 AU			-10489 Feb 05 j 00:34	0°♎	
						-10489 Mar 22 j 02:24	0°♏	
conjunction	-10494 Jun 06 j 08:18	27°♍54'52	0°56'23			-10489 May 09 j 18:06	0°♐	
minimum elong	-10494 Jun 06 j 06:31	27°♍51'46	0°56'18			-10489 Jul 05 j 07:32	0°♑	
	-10494 Jun 09 j 08:08	0°♒		retrograde		-10489 Sep 02 j 15:52	16°♑09'51	
	-10494 Jul 21 j 08:09	0°♓		opposition		-10489 Oct 11 j 12:50	7°♑00'31	-0°10'21
morning rise	-10494 Jul 27 j 02:09	4°♓12'39		greatest brilliancy		-10489 Oct 11 j 13:28	6°♑59'54	-1.5m
	-10494 Aug 30 j 16:22	0°♐		min. Earth dist.		-10489 Oct 14 j 14:08	5°♑47'58	0.64949 AU
	-10494 Oct 08 j 23:43	0°♑		asc. node		-10489 Oct 15 j 18:52	5°♑19'41	
	-10494 Nov 17 j 00:52	0°♒				-10489 Oct 31 j 03:50	30°♒♋	
	-10494 Dec 26 j 18:28	0°♓		direct		-10489 Nov 21 j 10:20	27°♓01'42	
desc. node	-10493 Jan 18 j 04:34	16°♓23'23				-10489 Dec 14 j 04:20	0°♓	
	-10493 Feb 06 j 10:23	0°♐				-10488 Feb 20 j 05:23	0°♏	
	-10493 Mar 24 j 05:38	0°♑				-10488 Apr 08 j 08:59	0°♒	
	-10493 May 23 j 13:37	0°♓				-10488 May 21 j 06:33	0°♓	
retrograde	-10493 Jun 24 j 03:38	5°♓50'44				-10488 Jun 30 j 09:22	0°♐	
	-10493 Jul 23 j 13:09	30°♒♎				-10488 Aug 08 j 02:47	0°♑	
min. Earth dist.	-10493 Jul 29 j 12:08	27°♎42'43	0.61617 AU	desc. node		-10488 Sep 08 j 14:07	24°♑35'08	
opposition	-10493 Aug 02 j 23:04	25°♎56'18	-5°02'49			-10488 Sep 15 j 13:09	0°♒	
greatest brilliancy	-10493 Aug 02 j 05:44	26°♎13'33	-1.6m	evening set		-10488 Sep 30 j 09:11	11°♒28'56	
direct	-10493 Sep 09 j 17:31	17°♎05'48				-10488 Oct 24 j 15:11	0°♓	
	-10493 Oct 31 j 20:04	0°♏						
	-10493 Dec 30 j 12:29	0°♐		conjunction		-10488 Nov 30 j 05:02	27°♓08'40	-0°54'23
asc. node	-10492 Jan 10 j 09:16	6°♓10'21		minimum elong		-10488 Nov 30 j 02:14	27°♓03'34	0°54'16
	-10492 Feb 19 j 07:51	0°♑				-10488 Dec 04 j 03:27	0°♐	
	-10492 Apr 06 j 08:50	0°♏		max. Earth dist.		-10487 Jan 09 j 01:28	25°♐28'49	2.50835 AU
	-10492 May 20 j 12:02	0°♒				-10487 Jan 15 j 14:12	0°♎	
evening set	-10492 Jun 01 j 04:57	8°♒15'43		morning rise		-10487 Jan 27 j 02:19	7°♎52'48	
max. Earth dist.	-10492 Jun 17 j 16:14	20°♒06'16	2.45327 AU			-10487 Mar 01 j 04:47	0°♏	
	-10492 Jul 01 j 04:35	0°♓				-10487 Apr 16 j 23:58	0°♐	
						-10487 Jun 05 j 08:40	0°♑	
conjunction	-10492 Jul 25 j 22:50	18°♓31'10	1°11'38			-10487 Jul 29 j 23:27	0°♏	
minimum elong	-10492 Jul 25 j 23:46	18°♓32'55	1°12'01	asc. node		-10487 Sep 01 j 19:27	14°♏50'10	
	-10492 Aug 10 j 00:23	0°♐		retrograde		-10487 Oct 12 j 10:58	23°♏13'25	
	-10492 Sep 17 j 17:37	0°♑		opposition		-10487 Nov 18 j 05:14	15°♏07'55	3°16'53
morning rise	-10492 Sep 23 j 13:30	4°♑33'00		greatest brilliancy		-10487 Nov 18 j 21:33	14°♏52'34	-1.7m
	-10492 Oct 26 j 04:35	0°♒		min. Earth dist.		-10487 Nov 24 j 18:44	12°♏39'53	0.57560 AU
desc. node	-10492 Dec 04 j 21:38	0°♓28'48		direct		-10487 Dec 28 j 10:18	5°♏30'38	
	-10492 Dec 04 j 06:23	0°♓				-10486 Mar 10 j 12:15	0°♒	
	-10491 Jan 13 j 20:32	0°♐				-10486 Apr 27 j 05:26	0°♓	
	-10491 Feb 25 j 22:00	0°♎				-10486 Jun 08 j 02:10	0°♐	
	-10491 Apr 13 j 23:59	0°♏				-10486 Jul 17 j 18:30	0°♑	
	-10491 Jun 10 j 04:38	0°♐		desc. node		-10486 Jul 27 j 15:16	7°♑33'30	
retrograde	-10491 Jul 28 j 22:36	11°♓57'41				-10486 Aug 25 j 22:08	0°♒	
opposition	-10491 Sep 06 j 19:57	2°♓11'43	-3°01'25			-10486 Oct 04 j 15:25	0°♓	
min. Earth dist.	-10491 Sep 06 j 03:54	2°♓27'53	0.66359 AU			-10486 Nov 14 j 17:14	0°♐	
greatest brilliancy	-10491 Sep 06 j 18:58	2°♓12'43	-1.4m	evening set		-10486 Nov 27 j 22:10	9°♐23'01	
	-10491 Sep 12 j 08:22	30°♒♏				-10486 Dec 27 j 14:15	0°♎	
direct	-10491 Oct 16 j 18:23	22°♏33'01						
	-10491 Nov 23 j 20:56	0°♐		conjunction		-10485 Jan 20 j 19:06	16°♎22'26	-1°13'32
asc. node	-10491 Nov 27 j 14:42	1°♓20'21		minimum elong		-10485 Jan 20 j 19:31	16°♎23'06	1°13'55
	-10490 Jan 26 j 03:43	0°♑				-10485 Feb 10 j 08:09	0°♏	
	-10490 Mar 16 j 23:31	0°♏		max. Earth dist.		-10485 Feb 11 j 10:15	0°♏42'54	2.60861 AU
	-10490 Apr 30 j 23:15	0°♒		morning rise		-10485 Mar 12 j 19:40	19°♏50'10	
	-10490 Jun 11 j 19:45	0°♓				-10485 Mar 28 j 15:52	0°♐	
	-10490 Jul 21 j 12:54	0°♐				-10485 May 15 j 03:31	0°♑	
evening set	-10490 Jul 27 j 15:02	4°♐41'54				-10485 Jul 02 j 17:02	0°♏	
	-10490 Aug 29 j 01:26	0°♑		asc. node		-10485 Jul 20 j 14:44	10°♏48'22	
						-10485 Aug 22 j 12:09	0°♒	
conjunction	-10490 Sep 27 j 18:59	23°♑19'42	0°18'55			-10485 Oct 21 j 15:03	0°♓	
minimum elong	-10490 Sep 27 j 20:45	23°♑23'10	0°19'26	retrograde		-10485 Dec 05 j 20:44	10°♓15'30	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

opposition	-10484 Jan 07 j 23:28	3° ♄ 54'46	6°29'26			-10480 Dec 11 j 17:02	0° ♄	
greatest brilliancy	-10484 Jan 09 j 17:11	3° ♄ 20'42	-2.3m			-10479 Jan 29 j 14:31	0° ♄	
min. Earth dist.	-10484 Jan 15 j 22:33	1° ♄ 19'37	0.45785 AU	asc. node		-10479 Mar 10 j 22:10	25° ♄ 20'00	
	-10484 Jan 20 j 07:27	30° ♄				-10479 Mar 18 j 05:43	0° ♄	
direct	-10484 Feb 13 j 08:38	26° ♄ 12'41		evening set		-10479 Apr 01 j 19:01	9° ♄ 21'34	
	-10484 Mar 08 j 14:44	0° ♄		max. Earth dist.		-10479 Apr 26 j 21:40	25° ♄ 46'17	2.60241 AU
	-10484 May 07 j 14:45	0° ♄				-10479 May 03 j 06:49	0° ♄	
desc. node	-10484 Jun 13 j 19:18	25° ♄ 01'10						
	-10484 Jun 20 j 20:43	0° ♄		conjunction		-10479 May 20 j 09:02	11° ♄ 27'29	0°40'28
	-10484 Aug 01 j 12:22	0° ♄		minimum elong		-10479 May 20 j 07:32	11° ♄ 24'56	0°40'12
	-10484 Sep 12 j 00:05	0° ♄				-10479 Jun 16 j 10:24	0° ♄	
	-10484 Oct 24 j 10:18	0° ♄		morning rise		-10479 Jul 08 j 03:27	15° ♄ 15'15	
	-10484 Dec 07 j 07:20	0° ♄				-10479 Jul 28 j 16:35	0° ♄	
evening set	-10483 Jan 12 j 18:45	24° ♄ 11'09				-10479 Sep 07 j 09:07	0° ♄	
	-10483 Jan 21 j 16:20	0° ♄				-10479 Oct 17 j 01:45	0° ♄	
						-10479 Nov 25 j 13:03	0° ♄	
conjunction	-10483 Mar 03 j 06:50	26° ♄ 14'14	-0°50'48			-10478 Jan 04 j 19:39	0° ♄	
minimum elong	-10483 Mar 03 j 08:23	26° ♄ 16'45	0°51'22	desc. node		-10478 Feb 03 j 23:06	21° ♄ 27'04	
max. Earth dist.	-10483 Mar 08 j 06:44	29° ♄ 26'31	2.65974 AU			-10478 Feb 16 j 12:39	0° ♄	
	-10483 Mar 09 j 03:38	0° ♄				-10478 Apr 06 j 18:23	0° ♄	
morning rise	-10483 Apr 19 j 19:07	26° ♄ 37'55		retrograde		-10478 Jun 09 j 03:09	20° ♄ 15'25	
	-10483 Apr 25 j 01:31	0° ♄		min. Earth dist.		-10478 Jul 12 j 15:03	12° ♄ 48'59	0.58156 AU
asc. node	-10483 Jun 06 j 07:37	27° ♄ 06'34		greatest brilliancy		-10478 Jul 17 j 11:03	10° ♄ 55'39	-1.7m
	-10483 Jun 10 j 19:18	0° ♄		opposition		-10478 Jul 18 j 12:21	10° ♄ 30'53	-5°28'07
	-10483 Jul 27 j 03:09	0° ♄		direct		-10478 Aug 24 j 03:05	2° ♄ 08'16	
	-10483 Sep 11 j 08:23	0° ♄				-10478 Nov 15 j 13:35	0° ♄	
	-10483 Oct 28 j 12:40	0° ♄				-10477 Jan 08 j 13:35	0° ♄	
	-10483 Dec 19 j 13:53	0° ♄		asc. node		-10477 Jan 26 j 23:16	10° ♄ 56'32	
retrograde	-10482 Feb 18 j 15:17	18° ♄ 44'18				-10477 Feb 26 j 23:56	0° ♄	
opposition	-10482 Mar 21 j 16:24	13° ♄ 29'34	3°13'09			-10477 Apr 14 j 14:22	0° ♄	
min. Earth dist.	-10482 Mar 20 j 23:41	13° ♄ 40'51	0.38243 AU	evening set		-10477 May 14 j 11:42	20° ♄ 10'04	
greatest brilliancy	-10482 Mar 21 j 18:28	13° ♄ 28'11	-2.9m			-10477 May 28 j 15:49	0° ♄	
direct	-10482 Apr 21 j 03:08	8° ♄ 23'11		max. Earth dist.		-10477 May 30 j 16:55	1° ♄ 26'00	2.50131 AU
desc. node	-10482 May 02 j 00:20	9° ♄ 09'32						
	-10482 Jun 26 j 04:25	0° ♄		conjunction		-10477 Jul 05 j 16:50	27° ♄ 15'09	1°11'55
	-10482 Aug 15 j 17:19	0° ♄		minimum elong		-10477 Jul 05 j 16:01	27° ♄ 13'40	1°12'08
	-10482 Oct 01 j 09:38	0° ♄				-10477 Jul 09 j 10:41	0° ♄	
	-10482 Nov 16 j 17:19	0° ♄				-10477 Aug 18 j 10:30	0° ♄	
	-10481 Jan 02 j 12:32	0° ♄		morning rise		-10477 Aug 30 j 05:39	9° ♄ 02'17	
	-10481 Feb 18 j 16:45	0° ♄				-10477 Sep 26 j 07:59	0° ♄	
evening set	-10481 Feb 22 j 09:51	2° ♄ 21'38				-10477 Nov 03 j 22:51	0° ♄	
max. Earth dist.	-10481 Apr 01 j 21:46	26° ♄ 56'17	2.65737 AU	desc. node		-10477 Dec 13 j 04:23	0° ♄	
	-10481 Apr 06 j 16:05	0° ♄				-10477 Dec 22 j 18:56	7° ♄ 11'46	
						-10476 Jan 23 j 00:01	0° ♄	
conjunction	-10481 Apr 11 j 06:59	2° ♄ 58'35	-0°07'35			-10476 Mar 06 j 15:22	0° ♄	
minimum elong	-10481 Apr 11 j 07:17	2° ♄ 59'04	0°08'06			-10476 Apr 24 j 16:59	0° ♄	
behind sun begin	-10481 Apr 10 j 14:11	2° ♄ 31'31		retrograde		-10476 Jul 15 j 08:20	28° ♄ 37'27	
behind sun end	-10481 Apr 12 j 00:24	3° ♄ 26'38		min. Earth dist.		-10476 Aug 22 j 04:56	19° ♄ 35'41	0.65231 AU
asc. node	-10481 Apr 24 j 00:58	11° ♄ 13'07		opposition		-10476 Aug 24 j 08:23	18° ♄ 43'56	-3°55'41
	-10481 May 22 j 18:15	0° ♄		greatest brilliancy		-10476 Aug 24 j 02:17	18° ♄ 50'04	-1.4m
morning rise	-10481 May 27 j 23:12	3° ♄ 26'24		direct		-10476 Oct 02 j 13:34	9° ♄ 20'33	
	-10481 Jul 06 j 12:47	0° ♄				-10476 Dec 11 j 03:17	0° ♄	
	-10481 Aug 18 j 22:14	0° ♄		asc. node		-10476 Dec 14 j 03:37	1° ♄ 27'28	
	-10481 Sep 30 j 04:41	0° ♄				-10475 Feb 04 j 13:14	0° ♄	
	-10481 Nov 10 j 21:19	0° ♄				-10475 Mar 24 j 22:06	0° ♄	
	-10481 Dec 23 j 00:58	0° ♄				-10475 May 08 j 11:25	0° ♄	
	-10480 Feb 06 j 06:30	0° ♄				-10475 Jun 19 j 05:28	0° ♄	
desc. node	-10480 Mar 19 j 02:04	22° ♄ 00'19		evening set		-10475 Jul 04 j 00:39	11° ♄ 01'50	
	-10480 Apr 19 j 10:05	0° ♄				-10475 Jul 28 j 23:06	0° ♄	
retrograde	-10480 Apr 24 j 09:30	0° ♄ 10'41		max. Earth dist.		-10475 Aug 10 j 19:09	9° ♄ 55'02	2.38899 AU
	-10480 Apr 29 j 08:03	30° ♄						
min. Earth dist.	-10480 May 22 j 18:55	24° ♄ 48'11	0.46351 AU	conjunction		-10475 Sep 01 j 12:05	26° ♄ 50'38	0°47'59
opposition	-10480 May 30 j 20:06	22° ♄ 01'56	-4°21'03	minimum elong		-10475 Sep 01 j 15:17	26° ♄ 56'55	0°48'32
greatest brilliancy	-10480 May 29 j 12:50	22° ♄ 28'59	-2.4m			-10475 Sep 05 j 12:47	0° ♄	
direct	-10480 Jul 02 j 15:28	15° ♄ 23'17				-10475 Oct 13 j 20:10	0° ♄	
	-10480 Aug 26 j 01:45	0° ♄		morning rise		-10475 Nov 05 j 05:18	17° ♄ 20'59	
	-10480 Oct 22 j 01:56	0° ♄		desc. node		-10475 Nov 08 j 12:37	19° ♄ 53'24	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10475 Nov 21 j 18:23	0°♎	direct	-10469 Jan 24 j 11:01	4°♑24'48	
	-10474 Jan 01 j 03:12	0°♏		-10469 Apr 06 j 05:59	0°♐	
	-10474 Feb 12 j 16:16	0°♐		-10469 May 22 j 08:18	0°♑	
	-10474 Mar 30 j 04:41	0°♑	desc. node	-10469 Jul 01 j 11:13	29°♑02'02	
	-10474 May 19 j 11:46	0°♒		-10469 Jul 02 j 18:32	0°♒	
	-10474 Jul 27 j 14:54	0°♓		-10469 Aug 12 j 00:16	0°♓	
retrograde	-10474 Aug 19 j 12:22	2°♓59'59		-10469 Sep 21 j 13:19	0°♑	
	-10474 Sep 09 j 20:31	30°♑30		-10469 Nov 02 j 06:44	0°♏	
opposition	-10474 Sep 27 j 21:54	23°♑33'30 -1°21'20		-10469 Dec 15 j 15:39	0°♐	
greatest brilliancy	-10474 Sep 28 j 00:12	23°♑31'11 -1.4m	evening set	-10469 Dec 27 j 15:03	8°♐04'48	
min. Earth dist.	-10474 Sep 29 j 12:32	22°♑54'54 0.66226 AU		-10468 Jan 29 j 16:47	0°♑	
asc. node	-10474 Nov 01 j 08:30	13°♑53'54				
direct	-10474 Nov 07 j 14:17	13°♑38'54	conjunction	-10468 Feb 16 j 10:59	11°♑34'28 -1°03'01	
	-10473 Jan 06 j 05:04	0°♓	minimum elong	-10468 Feb 16 j 12:28	11°♑36'52 1°03'32	
	-10473 Mar 02 j 12:03	0°♒	max. Earth dist.	-10468 Feb 27 j 17:09	18°♑51'19 2.64613 AU	
	-10473 Apr 17 j 22:13	0°♑		-10468 Mar 16 j 01:09	0°♒	
	-10473 May 30 j 06:36	0°♐	morning rise	-10468 Apr 04 j 23:55	12°♑45'06	
	-10473 Jul 09 j 04:07	0°♑		-10468 May 02 j 02:16	0°♓	
	-10473 Aug 16 j 18:27	0°♒		-10468 Jun 18 j 08:17	0°♒	
evening set	-10473 Sep 05 j 15:50	15°♒35'29	asc. node	-10468 Jun 23 j 02:13	3°♒00'34	
	-10473 Sep 24 j 02:15	0°♓		-10468 Aug 04 j 19:41	0°♑	
desc. node	-10473 Sep 26 j 07:44	1°♓44'06		-10468 Sep 22 j 11:30	0°♐	
	-10473 Nov 02 j 01:34	0°♑		-10468 Nov 15 j 04:48	0°♑	
			retrograde	-10467 Jan 18 j 13:23	19°♑23'47	
conjunction	-10473 Nov 07 j 09:50	4°♑02'32 -0°30'46	opposition	-10467 Feb 18 j 10:24	14°♑09'34 5°57'56	
minimum elong	-10473 Nov 07 j 07:26	3°♑58'00 0°30'25	greatest brilliancy	-10467 Feb 19 j 12:06	13°♑51'45 -2.8m	
	-10473 Dec 12 j 11:02	0°♏	min. Earth dist.	-10467 Feb 22 j 19:17	12°♑57'02 0.39569 AU	
max. Earth dist.	-10473 Dec 22 j 08:17	7°♏08'08 2.45960 AU	direct	-10467 Mar 22 j 14:14	8°♑25'22	
morning rise	-10472 Jan 07 j 15:43	18°♏43'39	desc. node	-10467 May 18 j 15:15	25°♑58'06	
	-10472 Jan 23 j 20:03	0°♐		-10467 May 26 j 03:12	0°♒	
	-10472 Mar 08 j 12:09	0°♑		-10467 Jul 13 j 18:19	0°♓	
	-10472 Apr 24 j 18:01	0°♒		-10467 Aug 27 j 09:47	0°♑	
	-10472 Jun 14 j 15:56	0°♓		-10467 Oct 10 j 16:35	0°♏	
	-10472 Aug 16 j 04:02	0°♒		-10467 Nov 24 j 17:54	0°♐	
asc. node	-10472 Sep 18 j 10:56	7°♒59'33		-10466 Jan 09 j 20:01	0°♑	
retrograde	-10472 Sep 25 j 13:46	8°♒18'10	evening set	-10466 Feb 07 j 01:17	18°♑06'52	
	-10472 Nov 01 j 14:39	30°♒33		-10466 Feb 25 j 15:38	0°♑	
opposition	-10472 Nov 02 j 07:35	29°♒43'40 1°53'06	max. Earth dist.	-10466 Mar 23 j 09:18	16°♑26'29 2.66483 AU	
greatest brilliancy	-10472 Nov 02 j 14:57	29°♒36'33 -1.6m				
min. Earth dist.	-10472 Nov 07 j 13:44	27°♒41'52 0.61124 AU	conjunction	-10466 Mar 27 j 06:24	18°♑55'25 -0°25'44	
direct	-10472 Dec 13 j 01:32	19°♒50'32	minimum elong	-10466 Mar 27 j 07:23	18°♑56'59 0°26'17	
	-10471 Jan 25 j 20:56	0°♒		-10466 Apr 13 j 13:01	0°♓	
	-10471 Mar 23 j 06:31	0°♑	asc. node	-10466 May 10 j 18:54	17°♒35'32	
	-10471 May 07 j 02:29	0°♐	morning rise	-10466 May 12 j 22:40	18°♒59'35	
	-10471 Jun 17 j 00:03	0°♑		-10466 May 29 j 19:32	0°♒	
	-10471 Jul 26 j 03:54	0°♒		-10466 Jul 14 j 01:25	0°♑	
desc. node	-10471 Aug 13 j 07:27	14°♒03'28		-10466 Aug 27 j 05:57	0°♐	
	-10471 Sep 02 j 22:18	0°♓		-10466 Oct 09 j 17:04	0°♑	
	-10471 Oct 12 j 07:34	0°♑		-10466 Nov 22 j 04:19	0°♒	
evening set	-10471 Nov 06 j 17:53	18°♑51'16		-10465 Jan 06 j 14:07	0°♓	
	-10471 Nov 22 j 02:15	0°♏		-10465 Mar 05 j 22:16	0°♑	
			retrograde	-10465 Apr 03 j 00:38	5°♑03'07	
conjunction	-10470 Jan 02 j 04:12	28°♏55'26 -1°12'30	desc. node	-10465 Apr 05 j 19:16	4°♑59'50	
minimum elong	-10470 Jan 02 j 03:18	28°♏53'54 1°12'45	min. Earth dist.	-10465 Apr 30 j 05:48	0°♑18'50 0.41781 AU	
	-10470 Jan 03 j 17:44	0°♐		-10465 May 01 j 06:38	30°♑00	
max. Earth dist.	-10470 Jan 30 j 21:38	18°♐24'52 2.57481 AU	opposition	-10465 May 07 j 05:02	28°♑09'24 -2°14'57	
	-10470 Feb 17 j 08:38	0°♑	greatest brilliancy	-10465 May 06 j 13:23	28°♑21'36 -2.7m	
morning rise	-10470 Feb 24 j 10:36	4°♑38'54	direct	-10465 Jun 07 j 13:05	22°♑21'31	
	-10470 Apr 04 j 18:21	0°♒		-10465 Jul 14 j 12:05	0°♑	
	-10470 May 22 j 17:39	0°♓		-10465 Sep 12 j 22:59	0°♏	
	-10470 Jul 11 j 17:10	0°♒		-10465 Nov 02 j 06:06	0°♐	
asc. node	-10470 Aug 06 j 08:44	14°♒31'52		-10465 Dec 20 j 20:25	0°♑	
	-10470 Sep 05 j 04:00	0°♑		-10464 Feb 06 j 21:27	0°♑	
retrograde	-10470 Nov 12 j 07:45	20°♑15'05	evening set	-10464 Mar 17 j 09:25	25°♑00'21	
opposition	-10470 Dec 17 j 00:42	13°♑07'59 5°26'54		-10464 Mar 25 j 04:37	0°♓	
greatest brilliancy	-10470 Dec 18 j 10:44	12°♑38'05 -2.1m	asc. node	-10464 Mar 27 j 14:02	1°♒32'11	
min. Earth dist.	-10470 Dec 25 j 00:52	10°♑19'39 0.50653 AU	max. Earth dist.	-10464 Apr 16 j 11:37	14°♒24'33 2.63005 AU	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

conjunction	-10464 May 04 j 09:34	26° \approx 09'22	0°22'22		-10459 Apr 07 j 21:28	0° \nearrow	
minimum elong	-10464 May 04 j 08:42	26° \approx 07'56	0°21'59		-10459 May 31 j 07:59	0° \searrow	
	-10464 May 10 j 04:57	0° \nearrow		retrograde	-10459 Aug 05 j 19:03	19° \searrow 56'56	
morning rise	-10464 Jun 20 j 21:33	28° \nearrow 10'18		opposition	-10459 Sep 14 j 13:10	10° \searrow 17'02	-2°26'30
	-10464 Jun 23 j 13:11	0° Υ		greatest brilliancy	-10459 Sep 14 j 14:06	10° \searrow 16'05	-1.4m
	-10464 Aug 05 j 04:01	0° \searrow		min. Earth dist.	-10459 Sep 14 j 17:02	10° \searrow 13'08	0.66568 AU
	-10464 Sep 15 j 08:17	0° Π		direct	-10459 Oct 24 j 19:03	0° \searrow 31'28	
	-10464 Oct 25 j 14:28	0° \ominus		asc. node	-10459 Nov 17 j 22:37	3° \searrow 46'54	
	-10464 Dec 04 j 17:32	0° Ω			-10458 Jan 19 j 06:04	0° \approx	
	-10463 Jan 14 j 22:55	0° \P			-10458 Mar 11 j 12:08	0° \nearrow	
desc. node	-10463 Feb 20 j 19:36	24° \P 57'58			-10458 Apr 25 j 22:55	0° Υ	
	-10463 Feb 28 j 19:39	0° $\underline{\Omega}$			-10458 Jun 06 j 23:43	0° \searrow	
	-10463 May 02 j 16:46	0° \P			-10458 Jul 16 j 18:45	0° Π	
retrograde	-10463 May 23 j 20:30	2° \P 55'33		evening set	-10458 Aug 10 j 18:34	19° Π 23'11	
	-10463 Jun 13 j 03:29	30° \P $\underline{\Omega}$			-10458 Aug 24 j 07:55	0° \ominus	
min. Earth dist.	-10463 Jun 24 j 07:10	26° $\underline{\Omega}$ 16'41	0.53875 AU		-10458 Oct 01 j 14:27	0° Ω	
greatest brilliancy	-10463 Jun 30 j 03:13	24° $\underline{\Omega}$ 04'16	-1.9m				
opposition	-10463 Jul 01 j 11:21	23° $\underline{\Omega}$ 33'46	-5°32'01	conjunction	-10458 Oct 12 j 17:01	8° Ω 38'34	0°00'21
direct	-10463 Aug 05 j 17:25	15° $\underline{\Omega}$ 46'04		minimum elong	-10458 Oct 12 j 17:07	8° Ω 38'46	0°00'50
	-10463 Sep 29 j 03:50	0° \P		behind sun begin	-10458 Oct 11 j 14:02	7° Ω 46'14	
	-10463 Nov 26 j 14:40	0° \nearrow		behind sun end	-10458 Oct 13 j 20:11	9° Ω 31'16	
	-10462 Jan 16 j 20:03	0° \searrow		desc. node	-10458 Oct 13 j 03:22	8° Ω 58'37	
asc. node	-10462 Feb 12 j 13:21	16° \searrow 20'43			-10458 Nov 09 j 12:07	0° \P	
	-10462 Mar 06 j 08:52	0° \approx		max. Earth dist.	-10458 Nov 23 j 10:45	10° \P 31'20	2.41129 AU
	-10462 Apr 21 j 16:21	0° \nearrow		morning rise	-10458 Dec 15 j 20:35	27° \P 06'32	
evening set	-10462 Apr 27 j 04:54	3° \nearrow 40'37			-10458 Dec 19 j 19:45	0° $\underline{\Omega}$	
max. Earth dist.	-10462 May 15 j 23:28	16° \nearrow 21'18	2.54542 AU		-10457 Jan 31 j 04:14	0° \P	
	-10462 Jun 04 j 17:45	0° Υ			-10457 Mar 17 j 00:25	0° \nearrow	
					-10457 May 03 j 23:41	0° \searrow	
conjunction	-10462 Jun 16 j 13:28	8° Υ 18'54	1°03'45		-10457 Jun 26 j 15:07	0° \approx	
minimum elong	-10462 Jun 16 j 11:47	8° Υ 15'56	1°03'45	retrograde	-10457 Sep 11 j 02:21	24° \approx 19'52	
	-10462 Jul 16 j 16:03	0° \searrow		asc. node	-10457 Oct 06 j 02:47	20° \approx 17'01	
morning rise	-10462 Aug 07 j 17:55	16° \searrow 20'18		opposition	-10457 Oct 19 j 14:56	15° \approx 21'45	0°33'24
	-10462 Aug 25 j 21:18	0° Π		greatest brilliancy	-10457 Oct 19 j 16:31	15° \approx 20'12	-1.5m
	-10462 Oct 04 j 00:45	0° \ominus		min. Earth dist.	-10457 Oct 23 j 11:43	13° \approx 50'35	0.63829 AU
	-10462 Nov 11 j 21:36	0° Ω		direct	-10457 Nov 29 j 13:11	5° \approx 22'47	
	-10462 Dec 21 j 09:43	0° \P			-10456 Feb 12 j 12:25	0° \nearrow	
desc. node	-10461 Jan 08 j 14:36	13° \P 27'17			-10456 Apr 02 j 12:07	0° Υ	
	-10461 Jan 31 j 15:34	0° $\underline{\Omega}$			-10456 May 15 j 22:52	0° \searrow	
	-10461 Mar 17 j 08:30	0° \P			-10456 Jun 25 j 07:31	0° Π	
	-10461 May 09 j 20:31	0° \nearrow			-10456 Aug 03 j 04:03	0° \ominus	
retrograde	-10461 Jul 02 j 10:11	14° \nearrow 39'15		desc. node	-10456 Aug 30 j 00:28	20° \ominus 55'41	
min. Earth dist.	-10461 Aug 07 j 17:27	6° \nearrow 10'30	0.63149 AU		-10456 Sep 10 j 16:42	0° Ω	
opposition	-10461 Aug 11 j 08:22	4° \nearrow 43'31	-4°41'31	evening set	-10456 Oct 14 j 10:55	25° Ω 54'42	
greatest brilliancy	-10461 Aug 10 j 19:27	4° \nearrow 56'27	-1.5m		-10456 Oct 19 j 20:39	0° \P	
	-10461 Aug 23 j 23:42	30° \P \P			-10456 Nov 29 j 10:14	0° $\underline{\Omega}$	
direct	-10461 Sep 18 j 16:05	25° \P 39'59					
	-10461 Oct 16 j 19:11	0° \nearrow		conjunction	-10456 Dec 12 j 17:53	9° $\underline{\Omega}$ 33'48	-1°03'35
	-10461 Dec 23 j 23:19	0° \searrow		minimum elong	-10456 Dec 12 j 15:36	9° $\underline{\Omega}$ 29'44	1°03'35
asc. node	-10461 Dec 31 j 17:03	4° \searrow 13'09			-10455 Jan 10 j 21:36	0° \P	
	-10460 Feb 14 j 01:05	0° \approx		max. Earth dist.	-10455 Jan 17 j 15:24	4° \P 37'52	2.53378 AU
	-10460 Apr 01 j 12:25	0° \nearrow		morning rise	-10455 Feb 06 j 20:00	18° \P 18'00	
	-10460 May 15 j 19:35	0° Υ			-10455 Feb 24 j 10:58	0° \nearrow	
evening set	-10460 Jun 12 j 13:01	19° Υ 45'06			-10455 Apr 12 j 01:08	0° \searrow	
	-10460 Jun 26 j 13:04	0° \searrow			-10455 May 30 j 18:17	0° \approx	
max. Earth dist.	-10460 Jul 02 j 00:04	4° \searrow 02'27	2.42747 AU		-10455 Jul 22 j 02:25	0° \nearrow	
	-10460 Aug 05 j 08:19	0° Π		asc. node	-10455 Aug 23 j 02:18	16° \nearrow 01'46	
					-10455 Sep 30 j 20:28	0° Υ	
conjunction	-10460 Aug 07 j 21:25	1° Π 57'21	1°06'34	retrograde	-10455 Oct 22 j 21:59	2° Υ 44'52	
minimum elong	-10460 Aug 07 j 23:29	2° Π 01'19	1°07'02		-10455 Nov 12 j 15:16	30° \P \nearrow	
	-10460 Sep 13 j 00:02	0° \ominus		opposition	-10455 Nov 28 j 00:23	24° \nearrow 58'04	4°05'20
morning rise	-10460 Oct 08 j 17:01	20° \ominus 06'49		greatest brilliancy	-10455 Nov 28 j 22:58	24° \nearrow 37'14	-1.8m
	-10460 Oct 21 j 09:07	0° Ω		min. Earth dist.	-10455 Dec 05 j 05:24	22° \nearrow 18'36	0.55276 AU
desc. node	-10460 Nov 25 j 08:08	26° Ω 56'31		direct	-10454 Jan 06 j 18:26	15° \nearrow 34'44	
	-10460 Nov 29 j 08:47	0° \P			-10454 Feb 27 j 20:06	0° Υ	
	-10459 Jan 08 j 19:35	0° $\underline{\Omega}$			-10454 Apr 20 j 07:07	0° \searrow	
	-10459 Feb 20 j 14:24	0° \P			-10454 Jun 02 j 03:16	0° Π	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10454 Jul 12 j 06:20	0°☾		behind sun begin	-10449 Apr 19 j 04:25	11°≈02'17	
desc. node	-10454 Jul 18 j 02:49	4°☾26'47		behind sun end	-10449 Apr 20 j 19:14	12°≈05'13	
	-10454 Aug 20 j 16:46	0°♈			-10449 May 18 j 03:41	0°♈	
	-10454 Sep 29 j 15:17	0°♍		morning rise	-10449 Jun 05 j 19:50	12°♈25'38	
	-10454 Nov 09 j 21:02	0°♊			-10449 Jul 01 j 18:34	0°♍	
evening set	-10454 Dec 09 j 04:59	20°♊36'11			-10449 Aug 13 j 20:47	0°♋	
	-10454 Dec 22 j 21:06	0°♌			-10449 Sep 24 j 16:36	0°♌	
					-10449 Nov 04 j 18:06	0°☾	
conjunction	-10453 Jan 30 j 20:11	26°♌08'49	-1°11'09		-10449 Dec 15 j 22:33	0°♈	
minimum elong	-10453 Jan 30 j 21:07	26°♌10'23	1°11'37		-10448 Jan 28 j 00:30	0°♍	
	-10453 Feb 05 j 16:31	0°♌		desc. node	-10448 Mar 09 j 13:09	25°♍11'46	
max. Earth dist.	-10453 Feb 17 j 16:39	7°♌51'33	2.62434 AU		-10448 Mar 19 j 01:07	0°♊	
morning rise	-10453 Mar 21 j 19:52	28°♌37'09		retrograde	-10448 May 05 j 17:54	13°♊10'20	
	-10453 Mar 23 j 23:37	0°♋		min. Earth dist.	-10448 Jun 04 j 03:26	7°♊21'45	0.49082 AU
	-10453 May 10 j 06:14	0°≈		greatest brilliancy	-10448 Jun 10 j 17:28	5°♊00'12	-2.2m
	-10453 Jun 27 j 05:56	0°♈		opposition	-10448 Jun 12 j 03:47	4°♊29'18	-5°01'32
asc. node	-10453 Jul 10 j 20:51	8°♈24'31			-10448 Jun 26 j 04:52	30°♌♍	
	-10453 Aug 15 j 12:09	0°♍		direct	-10448 Jul 15 j 20:49	27°♍24'01	
	-10453 Oct 08 j 02:47	0°♋			-10448 Aug 05 j 18:34	0°♊	
retrograde	-10453 Dec 20 j 17:53	23°♋28'14			-10448 Oct 14 j 14:03	0°♌	
opposition	-10452 Jan 22 j 01:20	17°♋33'52	6°43'33		-10448 Dec 06 j 01:19	0°♌	
greatest brilliancy	-10452 Jan 23 j 18:14	17°♋02'14	-2.5m		-10447 Jan 24 j 15:05	0°♋	
min. Earth dist.	-10452 Jan 29 j 09:02	15°♋19'05	0.43258 AU	asc. node	-10447 Mar 01 j 04:50	22°♋10'25	
direct	-10452 Feb 25 j 23:16	10°♋33'36			-10447 Mar 13 j 13:04	0°≈	
	-10452 Apr 26 j 00:01	0°♌		evening set	-10447 Apr 10 j 21:08	18°≈16'28	
desc. node	-10452 Jun 04 j 08:40	24°♌10'13			-10447 Apr 28 j 16:24	0°♈	
	-10452 Jun 13 j 01:22	0°☾		max. Earth dist.	-10447 May 03 j 14:24	3°♈16'27	2.58400 AU
	-10452 Jul 26 j 01:42	0°♈					
	-10452 Sep 06 j 07:42	0°♍		conjunction	-10447 May 29 j 22:54	21°♈06'46	0°50'01
	-10452 Oct 19 j 05:23	0°♊		minimum elong	-10447 May 29 j 21:11	21°♈03'49	0°49'50
	-10452 Dec 02 j 10:01	0°♌			-10447 Jun 11 j 19:34	0°♍	
	-10451 Jan 16 j 23:34	0°♌		morning rise	-10447 Jul 18 j 16:38	26°♍10'31	
evening set	-10451 Jan 22 j 05:12	3°♌23'49			-10447 Jul 23 j 23:10	0°♋	
	-10451 Mar 04 j 13:07	0°♋			-10447 Sep 02 j 11:45	0°♌	
					-10447 Oct 11 j 23:20	0°☾	
conjunction	-10451 Mar 12 j 03:35	4°♋52'02	-0°42'15		-10447 Nov 20 j 04:25	0°♈	
minimum elong	-10451 Mar 12 j 05:01	4°♋54'20	0°42'50		-10447 Dec 30 j 02:23	0°♍	
max. Earth dist.	-10451 Mar 13 j 21:30	5°♋59'06	2.66390 AU	desc. node	-10446 Jan 25 j 10:46	19°♍05'18	
	-10451 Apr 20 j 10:19	0°≈			-10446 Feb 10 j 01:38	0°♊	
morning rise	-10451 Apr 28 j 05:55	5°≈00'47			-10446 Mar 28 j 20:27	0°♌	
asc. node	-10451 May 27 j 13:00	23°≈53'07		retrograde	-10446 Jun 17 j 21:45	29°♌45'48	
	-10451 Jun 05 j 23:27	0°♈		min. Earth dist.	-10446 Jul 22 j 10:52	21°♌55'25	0.60165 AU
	-10451 Jul 21 j 20:36	0°♍		opposition	-10446 Jul 27 j 13:00	19°♌54'41	-5°15'48
	-10451 Sep 05 j 04:29	0°♋		greatest brilliancy	-10446 Jul 26 j 16:10	20°♌15'18	-1.6m
	-10451 Oct 20 j 14:20	0°♌		direct	-10446 Sep 02 j 19:31	11°♌15'50	
	-10451 Dec 06 j 18:54	0°☾			-10446 Nov 06 j 22:50	0°♌	
	-10450 Feb 03 j 09:49	0°♈			-10445 Jan 02 j 18:23	0°♋	
retrograde	-10450 Mar 07 j 10:25	6°♈11'47		asc. node	-10445 Jan 17 j 07:02	8°♋25'58	
min. Earth dist.	-10450 Apr 04 j 18:02	1°♈31'12	0.38798 AU		-10445 Feb 21 j 23:23	0°≈	
opposition	-10450 Apr 08 j 07:08	0°♈32'16	1°07'10		-10445 Apr 09 j 20:38	0°♈	
greatest brilliancy	-10450 Apr 08 j 05:03	0°♈33'43	-2.9m	evening set	-10445 May 24 j 23:25	0°♍40'26	
	-10450 Apr 10 j 05:55	30°♌☾			-10445 May 24 j 00:18	0°♍	
desc. node	-10450 Apr 22 j 12:40	27°☾00'34		max. Earth dist.	-10445 Jun 09 j 20:08	11°♍53'56	2.47490 AU
direct	-10450 May 08 j 13:14	25°☾22'18			-10445 Jul 04 j 18:49	0°♋	
	-10450 Jun 05 j 11:18	0°♈					
	-10450 Aug 06 j 21:07	0°♍		conjunction	-10445 Jul 17 j 12:13	9°♋25'58	1°12'59
	-10450 Sep 24 j 22:56	0°♊		minimum elong	-10445 Jul 17 j 12:18	9°♋26'08	1°13'19
	-10450 Nov 11 j 06:52	0°♌			-10445 Aug 13 j 17:12	0°♌	
	-10450 Dec 28 j 14:04	0°♌		morning rise	-10445 Sep 13 j 05:59	23°♌33'38	
	-10449 Feb 14 j 00:27	0°♋			-10445 Sep 21 j 12:37	0°☾	
evening set	-10449 Mar 03 j 04:10	10°♋53'05			-10445 Oct 30 j 01:03	0°♈	
	-10449 Apr 02 j 02:09	0°≈			-10445 Dec 08 j 03:49	0°♍	
max. Earth dist.	-10449 Apr 07 j 14:46	3°≈33'23	2.64993 AU	desc. node	-10445 Dec 13 j 04:25	3°♍47'11	
asc. node	-10449 Apr 14 j 06:52	7°≈51'53			-10444 Jan 17 j 18:51	0°♊	
					-10444 Feb 29 j 23:41	0°♌	
conjunction	-10449 Apr 19 j 23:57	11°≈33'56	0°03'26		-10444 Apr 17 j 15:19	0°♌	
minimum elong	-10449 Apr 19 j 23:50	11°≈33'44	0°02'58		-10444 Jun 18 j 01:59	0°♋	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

retrograde	-10444 Jul 23 j 05:02	6° Z 45'52			-10439 Jul 20 j 23:25	0° Z	
	-10444 Aug 24 j 10:21	30° R 7		desc. node	-10439 Aug 03 j 20:02	10° Z 40'43	
min. Earth dist.	-10444 Aug 30 j 20:32	27° Z 27'46	0.65972 AU		-10439 Aug 28 j 22:17	0° Z	
opposition	-10444 Sep 01 j 04:00	26° Z 56'06	-3°25'07		-10439 Oct 07 j 11:03	0° R	
greatest brilliancy	-10444 Sep 01 j 01:02	26° Z 59'06	-1.4m		-10439 Nov 17 j 08:20	0° Z	
direct	-10444 Oct 10 j 19:05	17° Z 23'37		evening set	-10439 Nov 19 j 00:27	1° Z 12'01	
	-10444 Dec 01 j 09:43	0° Z			-10439 Dec 30 j 01:25	0° R	
asc. node	-10444 Dec 04 j 12:31	1° Z 18'47					
	-10443 Jan 29 j 14:03	0° \approx		conjunction	-10438 Jan 13 j 00:05	9° R 30'29	-1°13'55
	-10443 Mar 19 j 19:08	0° R		minimum elong	-10438 Jan 12 j 23:58	9° R 30'18	1°14'14
	-10443 May 03 j 15:40	0° Y		max. Earth dist.	-10438 Feb 06 j 18:45	26° R 05'43	2.59434 AU
	-10443 Jun 14 j 12:05	0° R			-10438 Feb 12 j 16:36	0° Z	
evening set	-10443 Jul 17 j 03:10	24° R 32'07		morning rise	-10438 Mar 05 j 23:24	13° Z 54'24	
	-10443 Jul 24 j 06:11	0° II			-10438 Mar 31 j 00:05	0° Z	
	-10443 Aug 31 j 19:23	0° Z			-10438 May 17 j 15:32	0° \approx	
					-10438 Jul 05 j 17:24	0° R	
conjunction	-10443 Sep 16 j 06:06	12° Z 07'24	0°32'26	asc. node	-10438 Jul 27 j 14:12	12° R 54'11	
minimum elong	-10443 Sep 16 j 08:51	12° Z 12'47	0°32'59		-10438 Aug 27 j 01:05	0° Y	
max. Earth dist.	-10443 Sep 23 j 12:57	17° Z 50'21	2.38180 AU		-10438 Nov 08 j 08:22	0° R	
	-10443 Oct 09 j 01:50	0° Z		retrograde	-10438 Nov 25 j 05:04	1° R 38'56	
desc. node	-10443 Oct 29 j 21:37	16° Z 09'58			-10438 Dec 11 j 06:04	30° R Y	
	-10443 Nov 16 j 23:07	0° R		opposition	-10438 Dec 29 j 01:06	24° Y 56'38	6°05'53
morning rise	-10443 Nov 20 j 13:27	2° R 43'43		greatest brilliancy	-10438 Dec 30 j 16:22	24° Y 23'20	-2.2m
	-10443 Dec 27 j 06:31	0° Z		min. Earth dist.	-10437 Jan 06 j 03:50	22° Y 12'20	0.47965 AU
	-10442 Feb 07 j 16:28	0° R		direct	-10437 Feb 04 j 09:58	16° Y 44'22	
	-10442 Mar 24 j 20:30	0° Z			-10437 Mar 24 j 18:28	0° R	
	-10442 May 13 j 00:07	0° Z			-10437 May 14 j 13:31	0° II	
	-10442 Jul 11 j 11:36	0° \approx		desc. node	-10437 Jun 21 j 23:30	26° II 51'51	
retrograde	-10442 Aug 27 j 14:02	10° \approx 57'57			-10437 Jun 26 j 07:34	0° Z	
opposition	-10442 Oct 05 j 17:16	1° \approx 40'37	-0°40'50		-10437 Aug 06 j 05:31	0° Z	
greatest brilliancy	-10442 Oct 05 j 19:00	1° \approx 38'54	-1.4m		-10437 Sep 16 j 05:22	0° R	
min. Earth dist.	-10442 Oct 08 j 03:31	0° \approx 42'43	0.65643 AU		-10437 Oct 28 j 06:27	0° Z	
	-10442 Oct 09 j 22:42	30° R 3			-10437 Dec 10 j 20:39	0° R	
asc. node	-10442 Oct 22 j 16:59	25° Z 25'39		evening set	-10436 Jan 06 j 14:02	17° R 51'42	
direct	-10442 Nov 15 j 13:15	21° Z 42'57			-10436 Jan 25 j 00:58	0° Z	
	-10442 Dec 25 j 13:19	0° \approx					
	-10441 Feb 24 j 03:17	0° R		conjunction	-10436 Feb 25 j 15:11	20° Z 29'37	-0°56'20
	-10441 Apr 12 j 13:08	0° Y		minimum elong	-10436 Feb 25 j 16:46	20° Z 32'10	0°56'54
	-10441 May 25 j 05:51	0° R		max. Earth dist.	-10436 Mar 04 j 10:12	25° Z 30'22	2.65463 AU
	-10441 Jul 04 j 07:08	0° II			-10436 Mar 11 j 10:15	0° Z	
	-10441 Aug 11 j 23:19	0° Z		morning rise	-10436 Apr 13 j 13:24	21° Z 10'55	
desc. node	-10441 Sep 16 j 19:17	28° Z 01'40			-10436 Apr 27 j 09:05	0° \approx	
	-10441 Sep 19 j 08:02	0° Z		asc. node	-10436 Jun 13 j 07:20	29° \approx 58'59	
evening set	-10441 Sep 20 j 06:52	0° Z 44'25			-10436 Jun 13 j 07:59	0° R	
	-10441 Oct 28 j 07:59	0° R			-10436 Jul 30 j 02:57	0° Y	
					-10436 Sep 15 j 05:51	0° R	
conjunction	-10441 Nov 21 j 04:14	17° R 51'41	-0°45'18		-10436 Nov 03 j 10:54	0° II	
minimum elong	-10441 Nov 21 j 01:19	17° R 46'18	0°45'06		-10435 Jan 03 j 16:50	0° Z	
	-10441 Dec 07 j 17:39	0° Z		retrograde	-10435 Feb 05 j 02:00	5° Z 59'53	
max. Earth dist.	-10440 Jan 02 j 17:18	18° Z 35'08	2.48678 AU	opposition	-10435 Mar 07 j 19:42	0° Z 52'13	4°38'20
morning rise	-10440 Jan 19 j 14:00	0° R 20'35		greatest brilliancy	-10435 Mar 08 j 07:21	0° Z 44'21	-2.9m
	-10440 Jan 19 j 02:04	0° R		min. Earth dist.	-10435 Mar 09 j 12:42	0° Z 24'34	0.38478 AU
	-10440 Mar 03 j 15:41	0° Z			-10435 Mar 11 j 01:19	30° R II	
	-10440 Apr 19 j 13:38	0° Z		direct	-10435 Apr 07 j 20:30	25° II 35'36	
	-10440 Jun 08 j 10:23	0° \approx			-10435 May 04 j 12:39	0° Z	
	-10440 Aug 04 j 06:21	0° R		desc. node	-10435 May 09 j 04:19	1° Z 32'20	
asc. node	-10440 Sep 08 j 18:11	13° R 19'17			-10435 Jul 04 j 08:03	0° Z	
retrograde	-10440 Oct 05 j 00:48	17° R 07'47			-10435 Aug 20 j 11:43	0° R	
opposition	-10440 Nov 11 j 06:07	8° R 48'42	2°40'50		-10435 Oct 04 j 21:56	0° Z	
greatest brilliancy	-10440 Nov 11 j 18:14	8° R 37'09	-1.7m		-10435 Nov 19 j 13:55	0° R	
min. Earth dist.	-10440 Nov 17 j 06:19	6° R 31'19	0.59260 AU		-10434 Jan 05 j 00:21	0° Z	
	-10440 Dec 09 j 20:03	30° R \approx		evening set	-10434 Feb 15 j 22:22	26° Z 45'48	
direct	-10440 Dec 21 j 18:22	29° \approx 02'43			-10434 Feb 21 j 00:19	0° Z	
	-10439 Jan 03 j 00:59	0° R		max. Earth dist.	-10434 Mar 28 j 22:00	22° Z 55'17	2.66170 AU
	-10439 Mar 15 j 18:56	0° Y					
	-10439 May 01 j 02:21	0° R		conjunction	-10434 Apr 04 j 21:56	27° Z 24'33	-0°15'20
	-10439 Jun 11 j 12:47	0° II		minimum elong	-10434 Apr 04 j 22:33	27° Z 25'33	0°15'52

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Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10434 Apr 08 j 22:43	0°≈		min. Earth dist.	-10429 Aug 16 j 17:19	14°♊24'02	0.64424 AU
asc. node	-10434 May 01 j 00:25	14°≈15'09		opposition	-10429 Aug 19 j 12:15	13°♊16'46	-4°16'09
morning rise	-10434 May 21 j 12:50	27°≈38'12		greatest brilliancy	-10429 Aug 19 j 03:21	13°♊25'42	-1.4m
	-10434 May 25 j 03:10	0°♋		direct	-10429 Sep 27 j 08:08	4°♊01'32	
	-10434 Jul 09 j 03:03	0°♌			-10429 Dec 16 j 17:06	0°♍	
	-10434 Aug 21 j 20:53	0°♍		asc. node	-10429 Dec 22 j 01:27	2°♍44'32	
	-10434 Oct 03 j 15:10	0°♎			-10428 Feb 08 j 13:43	0°≈	
	-10434 Nov 14 j 23:49	0°♏			-10428 Mar 27 j 14:11	0°♋	
	-10434 Dec 28 j 04:56	0°♐			-10428 May 11 j 02:11	0°♌	
	-10433 Feb 14 j 05:23	0°♑			-10428 Jun 21 j 21:07	0°♍	
desc. node	-10433 Mar 27 j 07:06	17°♑28'47		evening set	-10428 Jun 24 j 11:01	1°♍54'21	
retrograde	-10433 Apr 16 j 02:39	20°♑07'54		max. Earth dist.	-10428 Jul 20 j 11:34	21°♍26'30	2.40407 AU
min. Earth dist.	-10433 May 13 j 20:15	15°♑05'06	0.44198 AU		-10428 Jul 31 j 16:17	0°♎	
opposition	-10433 May 21 j 15:34	12°♑30'40	-3°36'25				
greatest brilliancy	-10433 May 20 j 13:18	12°♑52'26	-2.5m	conjunction	-10428 Aug 21 j 12:27	16°♎07'04	0°57'32
direct	-10433 Jun 22 j 17:45	6°♑14'53		minimum elong	-10428 Aug 21 j 15:23	16°♎12'47	0°58'04
	-10433 Sep 03 j 14:45	0°♒			-10428 Sep 08 j 07:14	0°♏	
	-10433 Oct 26 j 22:37	0°♓			-10428 Oct 16 j 15:04	0°♐	
	-10433 Dec 15 j 13:47	0°♑		morning rise	-10428 Oct 24 j 04:42	5°♐53'28	
	-10432 Feb 02 j 01:49	0°♒		desc. node	-10428 Nov 15 j 18:57	23°♐19'24	
asc. node	-10432 Mar 17 j 20:58	28°♒16'29			-10428 Nov 24 j 13:07	0°♑	
	-10432 Mar 20 j 13:42	0°≈			-10427 Jan 03 j 21:28	0°♒	
evening set	-10432 Mar 26 j 04:29	3°≈36'04			-10427 Feb 15 j 10:55	0°♓	
max. Earth dist.	-10432 Apr 22 j 12:31	21°≈20'47	2.61574 AU		-10427 Apr 02 j 04:09	0°♑	
	-10432 May 05 j 15:14	0°♋			-10427 May 23 j 09:26	0°♒	
				retrograde	-10427 Aug 13 j 16:13	27°♒53'11	
conjunction	-10432 May 13 j 10:58	5°♋12'36	0°32'59	opposition	-10427 Sep 22 j 06:06	18°♒20'21	-1°49'21
minimum elong	-10432 May 13 j 09:43	5°♋10'30	0°32'40	greatest brilliancy	-10427 Sep 22 j 08:07	18°♒18'19	-1.4m
	-10432 Jun 18 j 21:46	0°♌		min. Earth dist.	-10427 Sep 23 j 05:32	17°♒56'52	0.66501 AU
morning rise	-10432 Jun 30 j 13:45	8°♌07'24		direct	-10427 Nov 01 j 18:23	8°♒29'06	
	-10432 Jul 31 j 08:26	0°♍		asc. node	-10427 Nov 08 j 06:51	8°♒44'51	
	-10432 Sep 10 j 06:25	0°♎			-10426 Jan 11 j 10:35	0°≈	
	-10432 Oct 20 j 04:53	0°♏			-10426 Mar 05 j 19:40	0°♋	
	-10432 Nov 28 j 22:03	0°♐			-10426 Apr 20 j 20:39	0°♌	
	-10431 Jan 08 j 12:22	0°♑			-10426 Jun 02 j 02:43	0°♍	
desc. node	-10431 Feb 11 j 04:49	23°♑34'48			-10426 Jul 11 j 23:50	0°♎	
	-10431 Feb 20 j 20:49	0°♒			-10426 Aug 19 j 13:55	0°♏	
	-10431 Apr 13 j 22:05	0°♓		evening set	-10426 Aug 25 j 07:07	4°♏28'59	
retrograde	-10431 Jun 02 j 09:34	13°♓28'58		desc. node	-10426 Sep 26 j 20:48	0°♐	
min. Earth dist.	-10431 Jul 04 j 23:49	6°♓22'47	0.56343 AU		-10426 Oct 03 j 13:35	5°♐13'06	
greatest brilliancy	-10431 Jul 10 j 06:40	4°♓20'24	-1.8m				
opposition	-10431 Jul 11 j 11:14	3°♓52'45	-5°33'12	conjunction	-10426 Oct 27 j 09:44	23°♐37'06	-0°17'56
	-10431 Jul 22 j 04:05	30°♑♒		minimum elong	-10426 Oct 27 j 08:11	23°♐34'09	0°17'30
direct	-10431 Aug 16 j 12:16	25°♒44'35			-10426 Nov 04 j 18:38	0°♑	
	-10431 Sep 13 j 00:16	0°♓		max. Earth dist.	-10426 Dec 11 j 19:47	27°♑37'08	2.43730 AU
	-10431 Nov 19 j 18:54	0°♑			-10426 Dec 15 j 02:10	0°♒	
	-10430 Jan 11 j 11:20	0°♒		morning rise	-10426 Dec 29 j 02:23	10°♒06'36	
asc. node	-10430 Feb 02 j 21:26	13°♒30'25			-10425 Jan 26 j 09:20	0°♓	
	-10430 Mar 01 j 12:32	0°≈			-10425 Mar 12 j 01:26	0°♑	
	-10430 Apr 17 j 00:57	0°♋			-10425 Apr 28 j 12:04	0°♒	
evening set	-10430 May 06 j 22:03	13°♋19'15			-10425 Jun 19 j 06:27	0°≈	
max. Earth dist.	-10430 May 24 j 02:11	25°♋05'26	2.52177 AU		-10425 Aug 29 j 02:20	0°♋	
	-10430 May 31 j 03:37	0°♌		retrograde	-10425 Sep 19 j 20:01	2°♋40'53	
				asc. node	-10425 Sep 26 j 09:41	2°♋24'25	
conjunction	-10430 Jun 27 j 05:07	19°♌12'47	1°09'15		-10425 Oct 10 j 04:17	30°♑≈	
minimum elong	-10430 Jun 27 j 03:49	19°♌10'27	1°09'23	opposition	-10425 Oct 27 j 22:51	23°≈55'18	1°18'47
	-10430 Jul 12 j 01:02	0°♍		greatest brilliancy	-10425 Oct 28 j 03:20	23°≈50'56	-1.6m
morning rise	-10430 Aug 20 j 03:13	29°♍13'04		min. Earth dist.	-10425 Nov 01 j 14:24	22°≈06'36	0.62456 AU
	-10430 Aug 21 j 03:55	0°♎		direct	-10425 Dec 07 j 19:47	13°≈58'22	
	-10430 Sep 29 j 04:17	0°♏			-10424 Feb 03 j 05:30	0°♋	
	-10430 Nov 06 j 21:17	0°♐			-10424 Mar 27 j 06:18	0°♌	
	-10430 Dec 16 j 04:38	0°♑			-10424 May 10 j 11:44	0°♍	
desc. node	-10430 Dec 30 j 01:00	10°♑19'42			-10424 Jun 20 j 03:56	0°♎	
	-10429 Jan 26 j 02:46	0°♒			-10424 Jul 29 j 04:35	0°♏	
	-10429 Mar 11 j 01:03	0°♓		desc. node	-10424 Aug 20 j 12:34	17°♏21'30	
	-10429 Apr 30 j 08:07	0°♑			-10424 Sep 05 j 19:49	0°♐	
retrograde	-10429 Jul 10 j 12:46	23°♑11'59			-10424 Oct 15 j 01:43	0°♑	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

evening set	-10424 Oct 27 j 21:26	9° \mathbb{M} 35'58			-10419 Jul 16 j 18:01	0° Υ	
	-10424 Nov 24 j 16:55	0° $\underline{\mathbf{a}}$			-10419 Aug 30 j 10:02	0° \mathcal{B}	
					-10419 Oct 13 j 14:57	0° \mathbb{I}	
conjunction	-10424 Dec 24 j 14:43	21° $\underline{\mathbf{a}}$ 15'19	-1°09'43		-10419 Nov 27 j 08:05	0° \mathfrak{D}	
minimum elong	-10424 Dec 24 j 13:13	21° $\underline{\mathbf{a}}$ 12'42	1°09'52		-10418 Jan 14 j 16:35	0° Ω	
	-10423 Jan 06 j 05:05	0° \mathbb{M}		retrograde	-10418 Mar 23 j 01:08	23° Ω 15'39	
max. Earth dist.	-10423 Jan 25 j 12:31	13° \mathbb{M} 10'18	2.55727 AU	desc. node	-10418 Apr 12 j 23:54	20° Ω 23'01	
morning rise	-10423 Feb 17 j 02:11	28° \mathbb{M} 14'41		min. Earth dist.	-10418 Apr 19 j 09:11	18° Ω 38'41	0.40162 AU
	-10423 Feb 19 j 18:01	0° \mathcal{A}		opposition	-10418 Apr 25 j 02:45	16° Ω 57'39	-0°55'04
	-10423 Apr 07 j 04:17	0° \mathfrak{Z}		greatest brilliancy	-10418 Apr 24 j 21:06	17° Ω 01'50	-2.8m
	-10423 May 25 j 09:27	0° \approx		direct	-10418 May 25 j 20:59	11° Ω 30'06	
	-10423 Jul 15 j 04:20	0° \mathcal{H}			-10418 Jul 26 j 06:48	0° \mathbb{M}	
asc. node	-10423 Aug 13 j 08:11	15° \mathcal{H} 51'30			-10418 Sep 17 j 18:49	0° $\underline{\mathbf{a}}$	
	-10423 Sep 12 j 03:52	0° Υ			-10418 Nov 05 j 13:26	0° \mathbb{M}	
retrograde	-10423 Nov 03 j 04:46	12° Υ 53'06			-10418 Dec 23 j 12:38	0° \mathcal{A}	
opposition	-10423 Dec 08 j 12:55	5° Υ 27'19	4°52'44		-10417 Feb 09 j 06:45	0° \mathfrak{Z}	
greatest brilliancy	-10423 Dec 09 j 18:03	5° Υ 01'04	-2.0m	evening set	-10417 Mar 11 j 21:46	19° \mathfrak{Z} 23'57	
min. Earth dist.	-10423 Dec 16 j 05:36	2° Υ 41'10	0.52788 AU		-10417 Mar 28 j 11:40	0° \approx	
	-10423 Dec 24 j 10:07	30° \mathcal{R} \mathcal{H}		asc. node	-10417 Apr 04 j 13:34	4° \approx 33'11	
direct	-10422 Jan 16 j 14:56	26° \mathcal{H} 23'35		max. Earth dist.	-10417 Apr 13 j 09:00	10° \approx 14'41	2.64003 AU
	-10422 Feb 09 j 15:34	0° Υ					
	-10422 Apr 12 j 07:57	0° \mathcal{B}		conjunction	-10417 Apr 28 j 18:36	20° \approx 16'29	0°14'23
	-10422 May 26 j 17:29	0° \mathbb{I}		minimum elong	-10417 Apr 28 j 18:03	20° \approx 15'34	0°13'58
	-10422 Jul 06 j 12:29	0° \mathfrak{D}		behind sun begin	-10417 Apr 28 j 08:27	19° \approx 59'52	
desc. node	-10422 Jul 08 j 15:52	1° \mathfrak{D} 36'19		behind sun end	-10417 Apr 29 j 03:38	20° \approx 31'16	
	-10422 Aug 15 j 08:23	0° Ω			-10417 May 13 j 13:16	0° \mathcal{H}	
	-10422 Sep 24 j 13:34	0° \mathbb{M}		morning rise	-10417 Jun 14 j 21:34	21° \mathcal{H} 41'41	
	-10422 Nov 05 j 00:23	0° $\underline{\mathbf{a}}$			-10417 Jun 27 j 01:10	0° Υ	
	-10422 Dec 18 j 03:47	0° \mathbb{M}			-10417 Aug 08 j 21:47	0° \mathcal{B}	
evening set	-10422 Dec 19 j 21:34	1° \mathbb{M} 11'04			-10417 Sep 19 j 09:05	0° \mathbb{I}	
	-10421 Feb 01 j 01:12	0° \mathcal{A}			-10417 Oct 29 j 23:27	0° \mathfrak{D}	
					-10417 Dec 09 j 11:52	0° Ω	
conjunction	-10421 Feb 09 j 11:21	5° \mathcal{A} 31'07	-1°06'59		-10416 Jan 20 j 07:42	0° \mathbb{M}	
minimum elong	-10421 Feb 09 j 12:40	5° \mathcal{A} 33'15	1°07'30	desc. node	-10416 Feb 29 j 01:19	26° \mathbb{M} 00'01	
max. Earth dist.	-10421 Feb 23 j 17:06	14° \mathcal{A} 46'47	2.63734 AU		-10416 Mar 06 j 19:13	0° $\underline{\mathbf{a}}$	
	-10421 Mar 19 j 08:04	0° \mathfrak{Z}		retrograde	-10416 May 16 j 08:52	25° $\underline{\mathbf{a}}$ 09'24	
morning rise	-10421 Mar 30 j 14:32	7° \mathfrak{Z} 12'32		min. Earth dist.	-10416 Jun 15 j 20:29	18° $\underline{\mathbf{a}}$ 53'11	0.51764 AU
	-10421 May 05 j 10:57	0° \approx		greatest brilliancy	-10416 Jun 22 j 01:49	16° $\underline{\mathbf{a}}$ 35'04	-2.0m
	-10421 Jun 21 j 23:56	0° \mathcal{H}		opposition	-10416 Jun 23 j 11:48	16° $\underline{\mathbf{a}}$ 03'29	-5°24'32
asc. node	-10421 Jul 01 j 02:24	5° \mathcal{H} 42'57		direct	-10416 Jul 28 j 02:23	8° $\underline{\mathbf{a}}$ 33'45	
	-10421 Aug 09 j 03:18	0° Υ			-10416 Oct 05 j 17:33	0° \mathbb{M}	
	-10421 Sep 28 j 10:03	0° \mathcal{B}			-10416 Nov 30 j 01:23	0° \mathcal{A}	
	-10421 Nov 28 j 07:40	0° \mathbb{I}			-10415 Jan 19 j 12:26	0° \mathfrak{Z}	
retrograde	-10420 Jan 06 j 03:20	8° \mathbb{I} 00'45		asc. node	-10415 Feb 19 j 11:55	19° \mathfrak{Z} 06'33	
opposition	-10420 Feb 06 j 13:31	2° \mathbb{I} 31'34	6°31'11		-10415 Mar 08 j 19:08	0° \approx	
greatest brilliancy	-10420 Feb 08 j 00:24	2° \mathbb{I} 06'18	-2.6m	evening set	-10415 Apr 20 j 03:17	27° \approx 23'31	
min. Earth dist.	-10420 Feb 12 j 14:24	0° \mathbb{I} 47'08	0.40996 AU		-10415 Apr 24 j 01:49	0° \mathcal{H}	
	-10420 Feb 15 j 10:16	30° \mathcal{R} \mathcal{B}		max. Earth dist.	-10415 May 10 j 14:09	11° \mathcal{H} 03'17	2.56352 AU
direct	-10420 Mar 10 j 22:12	26° \mathcal{B} 15'33			-10415 Jun 07 j 05:00	0° Υ	
	-10420 Apr 04 j 02:52	0° \mathbb{I}					
desc. node	-10420 May 25 j 19:52	24° \mathbb{I} 41'08		conjunction	-10415 Jun 08 j 20:07	1° Υ 08'11	0°58'24
	-10420 Jun 03 j 12:05	0° \mathfrak{D}		minimum elong	-10415 Jun 08 j 18:21	1° Υ 05'07	0°58'20
	-10420 Jul 18 j 21:47	0° Ω			-10415 Jul 19 j 06:37	0° \mathcal{B}	
	-10420 Aug 31 j 06:40	0° \mathbb{M}		morning rise	-10415 Jul 29 j 19:08	7° \mathcal{B} 42'53	
	-10420 Oct 13 j 20:22	0° $\underline{\mathbf{a}}$			-10415 Aug 28 j 15:37	0° \mathbb{I}	
	-10420 Nov 27 j 10:41	0° \mathbb{M}			-10415 Oct 06 j 22:56	0° \mathfrak{D}	
	-10419 Jan 12 j 06:09	0° \mathcal{A}			-10415 Nov 14 j 23:04	0° Ω	
evening set	-10419 Jan 31 j 08:54	12° \mathcal{A} 19'53			-10415 Dec 24 j 14:20	0° \mathbb{M}	
	-10419 Feb 27 j 22:26	0° \mathfrak{Z}		desc. node	-10414 Jan 15 j 21:10	16° \mathbb{M} 21'28	
max. Earth dist.	-10419 Mar 19 j 10:18	12° \mathfrak{Z} 27'48	2.66548 AU		-10414 Feb 04 j 01:23	0° $\underline{\mathbf{a}}$	
					-10414 Mar 21 j 08:38	0° \mathbb{M}	
conjunction	-10419 Mar 20 j 20:29	13° \mathfrak{Z} 22'26	-0°32'55		-10414 May 17 j 12:20	0° \mathcal{A}	
minimum elong	-10419 Mar 20 j 21:41	13° \mathfrak{Z} 24'22	0°33'30	retrograde	-10414 Jun 26 j 09:09	8° \mathcal{A} 51'04	
	-10419 Apr 15 j 19:37	0° \approx		min. Earth dist.	-10414 Jul 31 j 22:02	0° \mathcal{A} 38'30	0.61914 AU
morning rise	-10419 May 06 j 15:55	13° \approx 24'59			-10414 Aug 02 j 12:45	30° \mathcal{R} \mathbb{M}	
asc. node	-10419 May 17 j 19:11	20° \approx 37'20		greatest brilliancy	-10414 Aug 04 j 12:03	29° \mathbb{M} 12'45	-1.5m
	-10419 Jun 01 j 05:22	0° \mathcal{H}		opposition	-10414 Aug 05 j 04:21	28° \mathbb{M} 56'29	-4°57'46

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

direct	-10414 Sep 12 j 00:48	20° \mathbb{M} 03'17			-10409 Sep 14 j 12:55	0° Ω	
	-10414 Oct 26 j 19:14	0° \mathcal{A}		evening set	-10409 Oct 04 j 17:12	15° Ω 36'00	
	-10414 Dec 27 j 13:27	0° \mathcal{Z}			-10409 Oct 23 j 14:15	0° \mathbb{M}	
asc. node	-10413 Jan 07 j 14:55	6° \mathcal{Z} 12'37			-10409 Dec 03 j 01:00	0° \mathcal{L}	
	-10413 Feb 16 j 19:24	0° \approx					
	-10413 Apr 05 j 01:47	0° \mathcal{H}		conjunction	-10409 Dec 04 j 06:05	0° \mathcal{L} 52'42	-0°56'53
	-10413 May 19 j 08:41	0° \mathcal{Y}		minimum elong	-10409 Dec 04 j 03:21	0° \mathcal{L} 47'45	0°56'48
evening set	-10413 Jun 04 j 21:03	11° \mathcal{Y} 39'41		max. Earth dist.	-10408 Jan 12 j 04:27	28° \mathcal{L} 28'02	2.51331 AU
max. Earth dist.	-10413 Jun 21 j 19:30	23° \mathcal{Y} 52'57	2.44853 AU		-10408 Jan 14 j 09:36	0° \mathbb{M}	
	-10413 Jun 30 j 03:48	0° \mathcal{B}		morning rise	-10408 Jan 30 j 18:46	11° \mathbb{M} 12'53	
					-10408 Feb 27 j 21:36	0° \mathcal{A}	
conjunction	-10413 Jul 29 j 21:13	22° \mathcal{B} 14'55	1°10'45		-10408 Apr 14 j 13:22	0° \mathcal{Z}	
minimum elong	-10413 Jul 29 j 22:25	22° \mathcal{B} 17'11	1°11'11		-10408 Jun 02 j 15:42	0° \approx	
	-10413 Aug 09 j 01:06	0° \mathbb{I}			-10408 Jul 26 j 09:52	0° \mathcal{H}	
	-10413 Sep 16 j 18:43	0° \mathcal{G}		asc. node	-10408 Aug 30 j 01:10	15° \mathcal{H} 54'36	
morning rise	-10413 Sep 27 j 21:58	8° \mathcal{G} 41'56		retrograde	-10408 Oct 15 j 00:09	26° \mathcal{H} 17'06	
	-10413 Oct 25 j 05:00	0° Ω		opposition	-10408 Nov 20 j 14:45	18° \mathcal{H} 15'07	3°29'03
desc. node	-10413 Dec 03 j 14:29	0° \mathbb{M} 17'41		greatest brilliancy	-10408 Nov 21 j 08:32	17° \mathcal{H} 58'25	-1.8m
	-10413 Dec 03 j 05:08	0° \mathbb{M}		min. Earth dist.	-10408 Nov 27 j 07:29	15° \mathcal{H} 44'21	0.57150 AU
	-10412 Jan 12 j 16:28	0° \mathcal{L}		direct	-10408 Dec 30 j 18:16	8° \mathcal{H} 39'39	
	-10412 Feb 24 j 13:15	0° \mathbb{M}			-10407 Mar 06 j 22:21	0° \mathcal{Y}	
	-10412 Apr 11 j 05:41	0° \mathcal{A}			-10407 Apr 24 j 15:35	0° \mathcal{B}	
	-10412 Jun 05 j 17:52	0° \mathcal{Z}			-10407 Jun 05 j 19:32	0° \mathbb{I}	
retrograde	-10412 Jul 31 j 01:39	14° \mathcal{Z} 48'16			-10407 Jul 15 j 14:46	0° \mathcal{G}	
opposition	-10412 Sep 08 j 22:02	5° \mathcal{Z} 03'34	-2°51'53	desc. node	-10407 Jul 25 j 07:07	7° \mathcal{G} 24'21	
min. Earth dist.	-10412 Sep 08 j 10:27	5° \mathcal{Z} 15'13	0.66416 AU		-10407 Aug 23 j 19:18	0° Ω	
greatest brilliancy	-10412 Sep 08 j 21:32	5° \mathcal{Z} 04'04	-1.4m		-10407 Oct 02 j 12:19	0° \mathbb{M}	
	-10412 Sep 22 j 06:00	30° \mathcal{R} \mathcal{A}			-10407 Nov 12 j 13:08	0° \mathcal{L}	
direct	-10412 Oct 18 j 21:26	25° \mathcal{A} 23'16		evening set	-10407 Nov 30 j 18:26	12° \mathcal{L} 55'52	
	-10412 Nov 17 j 02:29	0° \mathcal{Z}			-10407 Dec 25 j 08:44	0° \mathbb{M}	
asc. node	-10412 Nov 24 j 20:28	2° \mathcal{Z} 26'38					
	-10411 Jan 23 j 02:55	0° \approx		conjunction	-10406 Jan 23 j 09:08	19° \mathbb{M} 36'58	-1°13'02
	-10411 Mar 14 j 11:44	0° \mathcal{H}		minimum elong	-10406 Jan 23 j 09:41	19° \mathbb{M} 37'53	1°13'26
	-10411 Apr 28 j 17:31	0° \mathcal{Y}			-10406 Feb 08 j 01:08	0° \mathcal{A}	
	-10411 Jun 09 j 17:42	0° \mathcal{B}		max. Earth dist.	-10406 Feb 13 j 06:23	3° \mathcal{A} 25'50	2.61200 AU
	-10411 Jul 19 j 13:06	0° \mathbb{I}		morning rise	-10406 Mar 15 j 04:20	22° \mathcal{A} 51'41	
evening set	-10411 Jul 30 j 19:58	8° \mathbb{I} 42'41			-10406 Mar 26 j 07:20	0° \mathcal{Z}	
	-10411 Aug 27 j 02:39	0° \mathcal{G}			-10406 May 12 j 16:57	0° \approx	
					-10406 Jun 30 j 02:23	0° \mathcal{H}	
conjunction	-10411 Oct 01 j 04:01	27° \mathcal{G} 29'43	0°14'40	asc. node	-10406 Jul 17 j 20:31	10° \mathcal{H} 47'06	
minimum elong	-10411 Oct 01 j 05:25	27° \mathcal{G} 32'28	0°15'12		-10406 Aug 19 j 10:09	0° \mathcal{Y}	
behind sun begin	-10411 Sep 30 j 19:30	27° \mathcal{G} 13'04			-10406 Oct 16 j 02:24	0° \mathcal{B}	
behind sun end	-10411 Oct 01 j 15:21	27° \mathcal{G} 51'52		retrograde	-10406 Dec 09 j 02:24	13° \mathcal{B} 57'46	
	-10411 Oct 04 j 08:56	0° Ω		opposition	-10405 Jan 11 j 02:53	7° \mathcal{B} 41'33	6°33'28
desc. node	-10411 Oct 20 j 08:54	12° Ω 26'43		greatest brilliancy	-10405 Jan 12 j 20:40	7° \mathcal{B} 07'44	-2.4m
max. Earth dist.	-10411 Nov 03 j 14:14	23° Ω 24'10	2.39350 AU	min. Earth dist.	-10405 Jan 19 j 00:20	5° \mathcal{B} 09'26	0.45317 AU
	-10411 Nov 12 j 05:35	0° \mathbb{M}		direct	-10405 Feb 16 j 04:46	0° \mathcal{B} 06'53	
morning rise	-10411 Dec 05 j 03:35	17° \mathbb{M} 14'10			-10405 May 05 j 05:18	0° \mathbb{I}	
	-10411 Dec 22 j 11:56	0° \mathcal{L}		desc. node	-10405 Jun 12 j 12:31	25° \mathbb{I} 19'01	
	-10410 Feb 02 j 19:21	0° \mathbb{M}			-10405 Jun 19 j 05:22	0° \mathcal{G}	
	-10410 Mar 19 j 16:51	0° \mathcal{A}			-10405 Jul 31 j 03:02	0° Ω	
	-10410 May 07 j 00:21	0° \mathcal{Z}			-10405 Sep 10 j 16:56	0° \mathbb{M}	
	-10410 Jul 01 j 07:48	0° \approx			-10405 Oct 23 j 03:35	0° \mathcal{L}	
retrograde	-10410 Sep 04 j 20:27	19° \approx 01'03			-10405 Dec 06 j 00:09	0° \mathbb{M}	
opposition	-10410 Oct 13 j 15:57	9° \approx 54'00	0°01'32	evening set	-10404 Jan 16 j 06:03	27° \mathbb{M} 19'17	
asc. node	-10410 Oct 13 j 00:54	10° \approx 08'51			-10404 Jan 20 j 08:32	0° \mathcal{A}	
greatest brilliancy	-10410 Oct 13 j 16:04	9° \approx 53'52	-1.5m				
min. Earth dist.	-10410 Oct 16 j 21:34	8° \approx 37'15	0.64752 AU	conjunction	-10404 Mar 05 j 15:01	29° \mathcal{A} 14'26	-0°48'30
	-10410 Nov 19 j 21:31	30° \mathcal{R} \mathcal{Z}		minimum elong	-10404 Mar 05 j 16:34	29° \mathcal{A} 16'54	0°49'05
direct	-10410 Nov 23 j 13:50	29° \mathcal{Z} 54'45			-10404 Mar 06 j 19:28	0° \mathcal{Z}	
	-10410 Nov 27 j 07:04	0° \approx		max. Earth dist.	-10404 Mar 10 j 01:50	2° \mathcal{Z} 05'32	2.66086 AU
	-10409 Feb 17 j 02:29	0° \mathcal{H}		morning rise	-10404 Apr 22 j 00:49	29° \mathcal{Z} 33'45	
	-10409 Apr 06 j 21:37	0° \mathcal{Y}			-10404 Apr 22 j 17:13	0° \approx	
	-10409 May 20 j 01:22	0° \mathcal{B}		asc. node	-10404 Jun 03 j 12:59	26° \approx 50'27	
	-10409 Jun 29 j 07:21	0° \mathbb{I}			-10404 Jun 08 j 10:35	0° \mathcal{H}	
	-10409 Aug 07 j 02:15	0° \mathcal{G}			-10404 Jul 24 j 16:44	0° \mathcal{Y}	
desc. node	-10409 Sep 07 j 05:52	24° \mathcal{G} 19'27			-10404 Sep 08 j 17:26	0° \mathcal{B}	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10404 Oct 25 j 10:35	0°♄		-10398 Jan 05 j 20:08	0°♄
	-10404 Dec 14 j 21:19	0°♄			
retrograde	-10403 Feb 22 j 11:29	23°♄20'35			
min. Earth dist.	-10403 Mar 24 j 08:19	18°♄23'28	0.38281 AU		
opposition	-10403 Mar 25 j 15:22	18°♄02'32	2°45'07		
greatest brilliancy	-10403 Mar 25 j 15:50	18°♄02'13	-2.9m		
direct	-10403 Apr 24 j 22:15	12°♄56'52			
desc. node	-10403 Apr 29 j 17:02	13°♄05'47			
	-10403 Jun 21 j 10:10	0°♄			
	-10403 Aug 12 j 16:00	0°♄			
	-10403 Sep 28 j 18:43	0°♄			
	-10403 Nov 14 j 06:10	0°♄			
	-10403 Dec 31 j 02:54	0°♄			
	-10402 Feb 16 j 08:04	0°♄			
evening set	-10402 Feb 24 j 17:41	5°♄20'14			
max. Earth dist.	-10402 Apr 03 j 13:33	29°♄29'36	2.65628 AU		
	-10402 Apr 04 j 08:28	0°♄			
conjunction	-10402 Apr 13 j 13:50	5°♄56'25	-0°04'35		
minimum elong	-10402 Apr 13 j 14:02	5°♄56'45	0°05'06		
behind sun begin	-10402 Apr 12 j 19:15	5°♄26'28			
behind sun end	-10402 Apr 14 j 08:49	6°♄27'02			
asc. node	-10402 Apr 21 j 06:06	10°♄54'10			
	-10402 May 20 j 11:50	0°♄			
morning rise	-10402 May 30 j 05:44	6°♄26'38			
	-10402 Jul 04 j 07:14	0°♄			
	-10402 Aug 16 j 16:45	0°♄			
	-10402 Sep 27 j 22:02	0°♄			
	-10402 Nov 08 j 11:46	0°♄			
	-10402 Dec 20 j 08:59	0°♄			
desc. node	-10401 Feb 02 j 20:39	0°♄			
	-10401 Mar 17 j 18:17	23°♄41'41			
	-10401 Apr 03 j 09:44	0°♄			
retrograde	-10401 Apr 28 j 05:17	4°♄03'27			
	-10401 May 22 j 12:13	30°♄8'♄			
min. Earth dist.	-10401 May 26 j 18:11	28°♄37'10	0.46858 AU		
opposition	-10401 Jun 03 j 21:13	25°♄48'15	-4°33'26		
greatest brilliancy	-10401 Jun 02 j 12:39	26°♄16'34	-2.3m		
direct	-10401 Jul 06 j 20:57	19°♄04'34			
	-10401 Aug 21 j 19:00	0°♄			
	-10401 Oct 20 j 00:04	0°♄			
	-10401 Dec 10 j 01:37	0°♄			
	-10400 Jan 28 j 03:21	0°♄			
asc. node	-10400 Mar 08 j 03:25	25°♄04'17			
	-10400 Mar 15 j 21:15	0°♄			
evening set	-10400 Apr 04 j 03:28	12°♄22'48			
max. Earth dist.	-10400 Apr 28 j 22:51	28°♄37'27	2.59920 AU		
	-10400 May 01 j 00:41	0°♄			
conjunction	-10400 May 22 j 19:03	14°♄35'38	0°43'04		
minimum elong	-10400 May 22 j 17:29	14°♄32'59	0°42'51		
	-10400 Jun 14 j 06:20	0°♄			
morning rise	-10400 Jul 10 j 16:42	18°♄35'11			
	-10400 Jul 26 j 14:05	0°♄			
	-10400 Sep 05 j 07:23	0°♄			
	-10400 Oct 14 j 23:51	0°♄			
	-10400 Nov 23 j 09:43	0°♄			
desc. node	-10399 Jan 02 j 12:58	0°♄			
	-10399 Feb 01 j 16:34	21°♄35'33			
	-10399 Feb 13 j 22:20	0°♄			
	-10399 Apr 03 j 02:57	0°♄			
retrograde	-10399 Jun 11 j 11:35	23°♄25'24			
min. Earth dist.	-10399 Jul 15 j 04:15	15°♄53'37	0.58549 AU		
opposition	-10399 Jul 20 j 21:09	13°♄39'23	-5°25'51		
greatest brilliancy	-10399 Jul 19 j 20:49	14°♄03'18	-1.7m		
direct	-10399 Aug 26 j 14:35	5°♄13'19			
	-10399 Nov 12 j 00:51	0°♄			