

Planetary Phenomena of Venus from -4900 through -4398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 1

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

superior conj	-4900 Jun 11 j 17:49	11°♄13'52	0°34'43	min. Earth dist.	-4898 Nov 09 j 06:23	12°♌54'02	0.26668 AU
minimum elong	-4900 Jun 11 j 11:25	10°♄53'59	0°34'36	asc. node	-4898 Nov 12 j 06:25	11°♌02'51	
	-4900 Jun 26 j 19:43	0°♄		morning rise	-4898 Nov 16 j 02:26	8°♌50'35	
evening rise	-4900 Jul 18 j 02:26	26°♄35'28		direct	-4898 Nov 30 j 05:44	4°♌49'21	
	-4900 Jul 20 j 19:48	0°♄		greatest brilliancy	-4898 Dec 09 j 14:58	6°♌30'38	-4.9m
	-4900 Aug 13 j 18:49	0°♄			-4897 Jan 12 j 02:08	0°♌	
	-4900 Sep 06 j 18:58	0°♄		morning max el	-4897 Jan 18 j 20:32	6°♌27'58	46°16'31
desc. node	-4900 Sep 16 j 10:04	11°♄59'48			-4897 Feb 10 j 14:24	0°♄	
	-4900 Sep 30 j 22:08	0°♄		desc. node	-4897 Mar 04 j 07:36	23°♄59'52	
	-4900 Oct 25 j 06:19	0°♌			-4897 Mar 09 j 14:52	0°♄	
	-4900 Nov 18 j 23:11	0°♄			-4897 Apr 04 j 15:04	0°♄	
	-4900 Dec 14 j 09:19	0°♄			-4897 Apr 30 j 00:24	0°♄	
asc. node	-4899 Jan 07 j 03:08	26°♄28'56			-4897 May 24 j 22:19	0°♄	
	-4899 Jan 10 j 10:47	0°♄			-4897 Jun 18 j 10:30	0°♄	
evening max el	-4899 Jan 21 j 18:35	11°♄30'44	45°32'22	asc. node	-4897 Jun 25 j 00:55	8°♄09'19	
	-4899 Feb 11 j 22:28	0°♄			-4897 Jul 12 j 14:30	0°♄	
greatest brilliancy	-4899 Feb 28 j 16:53	9°♄38'16	-4.7m	morning set	-4897 Jul 14 j 19:58	2°♄47'01	
retrograde	-4899 Mar 11 j 12:00	11°♄44'26			-4897 Aug 05 j 12:33	0°♄	
evening set	-4899 Mar 27 j 22:59	6°♄32'45		max. Earth dist.	-4897 Aug 20 j 09:36	18°♄45'09	1.71034 AU
inferior conj	-4899 Apr 01 j 22:41	3°♄29'37	5°37'06				
minimum elong	-4899 Apr 02 j 07:35	3°♄15'37	5°35'11	superior conj	-4897 Aug 21 j 23:19	20°♄44'06	1°23'39
min. Earth dist.	-4899 Apr 02 j 15:41	3°♄02'53	0.29310 AU	minimum elong	-4897 Aug 22 j 00:40	20°♄48'23	1°23'55
morning rise	-4899 Apr 07 j 15:59	0°♄00'32			-4897 Aug 29 j 07:32	0°♄	
	-4899 Apr 07 j 16:22	30°♄			-4897 Sep 22 j 02:23	0°♄	
direct	-4899 Apr 23 j 19:24	25°♄02'29		evening rise	-4897 Oct 01 j 20:10	12°♄15'28	
desc. node	-4899 Apr 29 j 03:49	25°♄34'42		desc. node	-4897 Oct 14 j 22:37	28°♄42'39	
greatest brilliancy	-4899 May 04 j 12:01	27°♄05'32	-4.7m		-4897 Oct 15 j 23:18	0°♄	
	-4899 May 10 j 22:37	0°♄			-4897 Nov 08 j 23:33	0°♌	
morning max el	-4899 Jun 12 j 01:09	25°♄19'31	46°03'15		-4897 Dec 03 j 04:05	0°♄	
	-4899 Jun 16 j 19:28	0°♄			-4897 Dec 27 j 14:52	0°♄	
	-4899 Jul 14 j 20:35	0°♄			-4896 Jan 21 j 12:13	0°♄	
	-4899 Aug 09 j 15:59	0°♄		asc. node	-4896 Feb 04 j 14:51	16°♄38'15	
asc. node	-4899 Aug 19 j 22:51	12°♄21'51			-4896 Feb 16 j 04:20	0°♄	
	-4899 Sep 03 j 09:15	0°♄			-4896 Mar 14 j 08:10	0°♄	
	-4899 Sep 27 j 12:56	0°♄		evening max el	-4896 Apr 02 j 17:12	19°♄31'16	45°07'37
	-4899 Oct 21 j 11:14	0°♄			-4896 Apr 14 j 09:01	0°♄	
	-4899 Nov 14 j 09:29	0°♄		greatest brilliancy	-4896 May 10 j 16:15	16°♄43'35	-4.7m
	-4899 Dec 08 j 10:25	0°♌		retrograde	-4896 May 20 j 23:24	18°♄36'38	
desc. node	-4899 Dec 09 j 21:40	1°♌49'40		desc. node	-4896 May 26 j 15:10	17°♄59'37	
morning set	-4899 Dec 15 j 11:18	8°♌44'55		evening set	-4896 Jun 04 j 21:16	14°♄26'28	
	-4898 Jan 01 j 14:31	0°♄		inferior conj	-4896 Jun 11 j 05:19	10°♄45'54	-3°35'01
				minimum elong	-4896 Jun 10 j 21:50	10°♄57'19	3°32'48
superior conj	-4898 Jan 24 j 23:46	28°♄53'53	-1°19'42	min. Earth dist.	-4896 Jun 11 j 16:40	10°♄28'36	0.28079 AU
minimum elong	-4898 Jan 24 j 18:12	28°♄36'44	1°19'53	morning rise	-4896 Jun 16 j 21:36	7°♄24'23	
	-4898 Jan 25 j 21:12	0°♄		direct	-4896 Jul 02 j 15:51	2°♄41'54	
max. Earth dist.	-4898 Jan 27 j 10:45	1°♄55'49	1.73063 AU	greatest brilliancy	-4896 Jul 13 j 20:19	4°♄57'10	-4.8m
	-4898 Feb 19 j 05:54	0°♄			-4896 Aug 17 j 00:10	0°♄	
evening rise	-4898 Mar 03 j 19:26	15°♄26'02		morning max el	-4896 Aug 21 j 19:26	4°♄43'47	46°38'48
greatest brilliancy	-4898 Mar 08 j 08:24	21°♄00'11	-3.9m		-4896 Sep 14 j 08:07	0°♄	
	-4898 Mar 15 j 16:38	0°♄		asc. node	-4896 Sep 16 j 10:20	2°♄22'23	
asc. node	-4898 Apr 01 j 13:21	20°♄37'25			-4896 Oct 10 j 00:28	0°♄	
	-4898 Apr 09 j 05:48	0°♄			-4896 Nov 03 j 17:58	0°♄	
	-4898 May 03 j 22:04	0°♄			-4896 Nov 28 j 04:03	0°♄	
	-4898 May 28 j 18:31	0°♄			-4896 Dec 22 j 13:32	0°♌	
	-4898 Jun 22 j 21:33	0°♄		desc. node	-4895 Jan 06 j 10:06	18°♌14'00	
	-4898 Jul 18 j 12:39	0°♄			-4895 Jan 16 j 00:31	0°♄	
desc. node	-4898 Jul 22 j 11:52	4°♄33'42			-4895 Feb 09 j 12:37	0°♄	
	-4898 Aug 14 j 05:22	0°♄		morning set	-4895 Feb 26 j 10:35	20°♄42'18	
evening max el	-4898 Aug 30 j 09:31	16°♄59'21	47°34'57		-4895 Mar 06 j 00:48	0°♄	
	-4898 Sep 13 j 00:19	0°♄			-4895 Mar 30 j 12:12	0°♄	
greatest brilliancy	-4898 Oct 10 j 08:29	18°♄31'55	-4.9m	max. Earth dist.	-4895 Apr 02 j 07:09	3°♄25'21	1.73742 AU
retrograde	-4898 Oct 20 j 07:27	20°♄25'46					
evening set	-4898 Nov 03 j 21:05	16°♄06'54		superior conj	-4895 Apr 03 j 21:42	5°♄23'34	-0°54'02
inferior conj	-4898 Nov 09 j 22:01	12°♄29'43	-0°35'50	minimum elong	-4895 Apr 04 j 05:57	5°♄48'55	0°53'51
minimum elong	-4898 Nov 09 j 23:20	12°♄27'40	0°35'27		-4895 Apr 23 j 22:26	0°♄	

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asc. node	-4895 Apr 29 j 02:01	6° Υ 20'03		morning rise	-4893 Aug 27 j 16:32	21° Θ 41'21	
evening rise	-4895 May 09 j 15:16	19° Υ 19'16		direct	-4893 Sep 14 j 05:27	15° Θ 49'13	
	-4895 May 18 j 07:19	0° \mathcal{B}		greatest brilliancy	-4893 Sep 24 j 22:22	17° Θ 59'52	-4.9m
	-4895 Jun 11 j 15:07	0° Π			-4893 Oct 14 j 03:11	0° Ω	
	-4895 Jul 05 j 22:52	0° Θ		asc. node	-4893 Oct 14 j 21:31	0° Ω 37'28	
	-4895 Jul 30 j 08:28	0° Ω		morning max el	-4893 Nov 04 j 01:35	19° Ω 30'41	46°49'13
desc. node	-4895 Aug 18 j 23:48	23° Ω 59'06			-4893 Nov 14 j 00:40	0° \mathfrak{M}	
	-4895 Aug 23 j 22:38	0° \mathfrak{M}			-4893 Dec 10 j 17:41	0° $\underline{\Omega}$	
	-4895 Sep 17 j 21:31	0° $\underline{\Omega}$			-4892 Jan 05 j 08:46	0° \mathfrak{M}	
	-4895 Oct 13 j 14:05	0° \mathfrak{M}			-4892 Jan 30 j 14:47	0° \mathcal{X}	
evening max el	-4895 Nov 09 j 13:34	29° \mathfrak{M} 24'21	47°03'02	desc. node	-4892 Feb 03 j 21:58	5° \mathcal{X} 07'55	
	-4895 Nov 10 j 03:33	0° \mathcal{X}			-4892 Feb 24 j 16:15	0° \mathcal{B}	
asc. node	-4895 Dec 09 j 17:54	25° \mathcal{X} 38'19			-4892 Mar 20 j 13:47	0° \approx	
	-4895 Dec 17 j 14:55	0° \mathcal{B}			-4892 Apr 14 j 07:02	0° \mathcal{H}	
greatest brilliancy	-4895 Dec 19 j 11:48	0° \mathcal{B} 47'38	-4.8m	morning set	-4892 May 04 j 15:11	24° \mathcal{H} 51'57	
retrograde	-4895 Dec 30 j 09:15	3° \mathcal{B} 03'30			-4892 May 08 j 19:34	0° Υ	
	-4894 Jan 11 j 13:50	30° \mathcal{R} \mathcal{X}		asc. node	-4892 May 26 j 14:40	21° Υ 55'48	
evening set	-4894 Jan 16 j 08:46	27° \mathcal{X} 21'35			-4892 Jun 02 j 03:15	0° \mathcal{B}	
min. Earth dist.	-4894 Jan 19 j 21:20	25° \mathcal{X} 08'46	0.28710 AU	max. Earth dist.	-4892 Jun 05 j 06:03	3° \mathcal{B} 51'41	1.72761 AU
inferior conj	-4894 Jan 20 j 15:14	24° \mathcal{X} 40'02	7°45'23				
minimum elong	-4894 Jan 20 j 09:04	24° \mathcal{X} 49'56	7°44'28	superior conj	-4892 Jun 09 j 12:16	9° \mathcal{B} 08'40	0°31'52
morning rise	-4894 Jan 24 j 09:43	22° \mathcal{X} 17'11		minimum elong	-4892 Jun 09 j 06:19	8° \mathcal{B} 50'12	0°31'45
direct	-4894 Feb 10 j 19:55	16° \mathcal{X} 24'51			-4892 Jun 26 j 06:34	0° Π	
greatest brilliancy	-4894 Feb 19 j 18:56	17° \mathcal{X} 53'02	-4.7m	evening rise	-4892 Jul 15 j 18:47	24° Π 21'58	
	-4894 Mar 12 j 23:17	0° \mathcal{B}			-4892 Jul 20 j 06:51	0° Θ	
morning max el	-4894 Mar 31 j 13:18	16° \mathcal{B} 07'56	45°50'44		-4892 Aug 13 j 06:06	0° Ω	
desc. node	-4894 Mar 31 j 18:53	16° \mathcal{B} 21'11			-4892 Sep 06 j 06:31	0° \mathfrak{M}	
	-4894 Apr 14 j 12:33	0° \approx		desc. node	-4892 Sep 15 j 12:10	11° \mathfrak{M} 29'59	
	-4894 May 12 j 06:59	0° \mathcal{H}			-4892 Sep 30 j 10:01	0° $\underline{\Omega}$	
	-4894 Jun 07 j 09:24	0° Υ			-4892 Oct 24 j 18:39	0° \mathfrak{M}	
	-4894 Jul 02 j 12:59	0° \mathcal{B}			-4892 Nov 18 j 12:17	0° \mathcal{X}	
asc. node	-4894 Jul 22 j 13:07	24° \mathcal{B} 27'08			-4892 Dec 13 j 23:57	0° \mathcal{B}	
	-4894 Jul 27 j 00:54	0° Π		asc. node	-4891 Jan 06 j 05:12	25° \mathcal{B} 47'03	
	-4894 Aug 20 j 02:08	0° Θ			-4891 Jan 10 j 05:23	0° \approx	
greatest brilliancy	-4894 Aug 22 j 19:34	3° Θ 25'27	-3.9m	evening max el	-4891 Jan 19 j 11:13	9° \approx 21'01	45°34'49
	-4894 Sep 12 j 21:28	0° Ω			-4891 Feb 12 j 14:24	0° \mathcal{H}	
morning set	-4894 Sep 26 j 11:14	17° Ω 09'05		greatest brilliancy	-4891 Feb 26 j 09:50	7° \mathcal{H} 32'04	-4.7m
	-4894 Oct 06 j 15:18	0° \mathfrak{M}		retrograde	-4891 Mar 09 j 05:05	9° \mathcal{H} 38'12	
	-4894 Oct 30 j 10:46	0° $\underline{\Omega}$		evening set	-4891 Mar 25 j 18:29	4° \mathcal{H} 22'53	
				inferior conj	-4891 Mar 30 j 15:44	1° \mathcal{H} 22'45	5°50'27
superior conj	-4894 Nov 07 j 06:21	9° $\underline{\Omega}$ 48'55	0°09'46	minimum elong	-4891 Mar 31 j 00:39	1° \mathcal{H} 08'42	5°48'35
minimum elong	-4894 Nov 07 j 09:02	9° $\underline{\Omega}$ 57'19	0°09'37	min. Earth dist.	-4891 Mar 31 j 07:53	0° \mathcal{H} 57'19	0.29328 AU
behind sun begin	-4894 Nov 06 j 10:44	8° $\underline{\Omega}$ 47'20			-4891 Apr 01 j 20:27	30° \mathcal{R} \approx	
behind sun end	-4894 Nov 08 j 07:21	11° $\underline{\Omega}$ 07'18		morning rise	-4891 Apr 05 j 06:41	27° \approx 56'41	
desc. node	-4894 Nov 11 j 11:16	15° $\underline{\Omega}$ 05'14		direct	-4891 Apr 21 j 12:53	22° \approx 55'35	
max. Earth dist.	-4894 Nov 12 j 09:08	16° $\underline{\Omega}$ 13'42	1.71347 AU	desc. node	-4891 Apr 28 j 06:00	23° \approx 45'47	
	-4894 Nov 23 j 09:21	0° \mathfrak{M}		greatest brilliancy	-4891 May 02 j 02:58	24° \approx 56'29	-4.7m
	-4894 Dec 17 j 11:22	0° \mathcal{X}			-4891 May 12 j 08:27	0° \mathcal{H}	
evening rise	-4894 Dec 19 j 09:19	2° \mathcal{X} 22'36		morning max el	-4891 Jun 09 j 17:25	23° \mathcal{H} 09'57	46°02'09
	-4893 Jan 10 j 16:58	0° \mathcal{B}			-4891 Jun 16 j 15:30	0° Υ	
	-4893 Feb 04 j 03:09	0° \approx			-4891 Jul 14 j 11:38	0° \mathcal{B}	
	-4893 Feb 28 j 19:53	0° \mathcal{H}			-4891 Aug 09 j 05:13	0° Π	
asc. node	-4893 Mar 04 j 03:06	3° \mathcal{H} 58'40		asc. node	-4891 Aug 19 j 00:57	11° Π 49'24	
	-4893 Mar 25 j 22:08	0° Υ			-4891 Sep 02 j 21:38	0° Θ	
	-4893 Apr 20 j 14:20	0° \mathcal{B}			-4891 Sep 27 j 00:54	0° Ω	
	-4893 May 17 j 05:49	0° Π			-4891 Oct 20 j 22:54	0° \mathfrak{M}	
evening max el	-4893 Jun 15 j 04:48	0° Θ 08'14	46°14'24		-4891 Nov 13 j 20:56	0° $\underline{\Omega}$	
	-4893 Jun 15 j 01:24	0° Θ			-4891 Dec 07 j 21:41	0° \mathfrak{M}	
desc. node	-4893 Jun 24 j 02:30	8° Θ 27'07		desc. node	-4891 Dec 08 j 23:50	1° \mathfrak{M} 21'20	
greatest brilliancy	-4893 Jul 25 j 19:21	29° Θ 36'58	-4.9m	morning set	-4891 Dec 12 j 21:57	6° \mathfrak{M} 13'59	
	-4893 Jul 27 j 01:36	0° Ω			-4890 Jan 01 j 01:39	0° \mathcal{X}	
retrograde	-4893 Aug 03 j 22:31	1° Ω 09'27					
	-4893 Aug 11 j 12:53	30° \mathcal{R} Θ		superior conj	-4890 Jan 22 j 13:58	26° \mathcal{X} 35'35	-1°18'39
evening set	-4893 Aug 21 j 21:08	25° Θ 09'19		minimum elong	-4890 Jan 22 j 07:41	26° \mathcal{X} 16'11	1°18'49
inferior conj	-4893 Aug 24 j 16:09	23° Θ 29'20	-8°55'47		-4890 Jan 25 j 08:14	0° \mathcal{B}	
minimum elong	-4893 Aug 24 j 18:53	23° Θ 25'13	8°55'26	max. Earth dist.	-4890 Jan 25 j 06:42	29° \mathcal{X} 55'17	1.73014 AU
min. Earth dist.	-4893 Aug 24 j 23:20	23° Θ 18'30	0.26860 AU		-4890 Feb 18 j 16:53	0° \approx	

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

evening rise	-4890 Mar 01 j 12:35	13° \approx 17'39		asc. node	-4888 Sep 15 j 12:36	1° \approx 42'03	
greatest brilliancy	-4890 Mar 07 j 02:59	20° \approx 09'52	-3.9m		-4888 Oct 09 j 14:41	0° Ω	
	-4890 Mar 15 j 03:39	0° \mathbb{H}			-4888 Nov 03 j 07:02	0° \mathbb{M}	
asc. node	-4890 Mar 31 j 15:34	20° \mathbb{H} 10'10			-4888 Nov 27 j 16:28	0° $\underline{\Omega}$	
	-4890 Apr 08 j 17:01	0° \mathbb{Y}			-4888 Dec 22 j 01:31	0° \mathbb{M}	
	-4890 May 03 j 09:41	0° \mathcal{B}		desc. node	-4887 Jan 05 j 12:05	17° \mathbb{M} 44'04	
	-4890 May 28 j 06:48	0° \mathbb{I}			-4887 Jan 15 j 12:09	0° \mathcal{A}	
	-4890 Jun 22 j 10:53	0° \mathcal{E}			-4887 Feb 08 j 23:58	0° \mathcal{Z}	
	-4890 Jul 18 j 03:49	0° Ω		morning set	-4887 Feb 24 j 03:03	18° \mathcal{Z} 31'27	
desc. node	-4890 Jul 21 j 13:52	3° Ω 54'55			-4887 Mar 05 j 11:55	0° \approx	
	-4890 Aug 14 j 00:23	0° \mathbb{M}			-4887 Mar 29 j 23:14	0° \mathbb{H}	
evening max el	-4890 Aug 27 j 23:54	14° \mathbb{M} 35'42	47°33'31	max. Earth dist.	-4887 Mar 31 j 04:13	1° \mathbb{H} 28'55	1.73747 AU
	-4890 Sep 13 j 08:41	0° $\underline{\Omega}$					
greatest brilliancy	-4890 Oct 07 j 23:36	16° $\underline{\Omega}$ 04'59	-4.9m	superior conj	-4887 Apr 01 j 16:19	3° \mathbb{H} 19'38	-0°56'19
retrograde	-4890 Oct 17 j 20:20	17° $\underline{\Omega}$ 56'30		minimum elong	-4887 Apr 02 j 00:41	3° \mathbb{H} 45'18	0°56'09
evening set	-4890 Nov 01 j 11:20	13° $\underline{\Omega}$ 37'09			-4887 Apr 23 j 09:29	0° \mathbb{Y}	
inferior conj	-4890 Nov 07 j 10:58	10° $\underline{\Omega}$ 01'54	-0°59'36	asc. node	-4887 Apr 28 j 04:11	5° \mathbb{Y} 52'41	
minimum elong	-4890 Nov 07 j 13:10	9° $\underline{\Omega}$ 58'30	0°58'55	evening rise	-4887 May 07 j 10:44	17° \mathbb{Y} 17'16	
min. Earth dist.	-4890 Nov 06 j 20:47	10° $\underline{\Omega}$ 23'59	0.26625 AU		-4887 May 17 j 18:30	0° \mathcal{B}	
asc. node	-4890 Nov 11 j 08:42	7° $\underline{\Omega}$ 39'19			-4887 Jun 11 j 02:34	0° \mathbb{I}	
morning rise	-4890 Nov 13 j 15:45	6° $\underline{\Omega}$ 22'10			-4887 Jul 05 j 10:41	0° \mathcal{E}	
direct	-4890 Nov 27 j 18:13	2° $\underline{\Omega}$ 22'29			-4887 Jul 29 j 20:48	0° Ω	
greatest brilliancy	-4890 Dec 07 j 05:09	4° $\underline{\Omega}$ 04'57	-4.9m	desc. node	-4887 Aug 18 j 01:58	23° Ω 26'33	
	-4889 Jan 12 j 04:16	0° \mathbb{M}			-4887 Aug 23 j 11:41	0° \mathbb{M}	
morning max el	-4889 Jan 16 j 09:16	4° \mathbb{M} 04'03	46°17'48		-4887 Sep 17 j 11:44	0° $\underline{\Omega}$	
	-4889 Feb 10 j 07:38	0° \mathcal{A}			-4887 Oct 13 j 06:30	0° \mathbb{M}	
desc. node	-4889 Mar 03 j 09:47	23° \mathcal{A} 24'45		evening max el	-4887 Nov 07 j 04:50	27° \mathbb{M} 04'58	47°05'44
	-4889 Mar 09 j 05:03	0° \mathcal{Z}			-4887 Nov 10 j 02:00	0° \mathcal{A}	
	-4889 Apr 04 j 03:46	0° \approx		asc. node	-4887 Dec 08 j 19:57	24° \mathcal{A} 15'55	
	-4889 Apr 29 j 12:18	0° \mathbb{H}		greatest brilliancy	-4887 Dec 17 j 04:06	28° \mathcal{A} 32'15	-4.8m
	-4889 May 24 j 09:45	0° \mathbb{Y}			-4887 Dec 21 j 16:05	0° \mathcal{Z}	
	-4889 Jun 17 j 21:41	0° \mathcal{B}		retrograde	-4887 Dec 28 j 02:05	0° \mathcal{Z} 49'03	
asc. node	-4889 Jun 24 j 03:01	7° \mathcal{B} 41'22			-4886 Jan 03 j 07:49	30° \mathbb{R} \mathcal{A}	
	-4889 Jul 12 j 01:36	0° \mathbb{I}		evening set	-4886 Jan 13 j 22:24	25° \mathcal{A} 10'52	
morning set	-4889 Jul 12 j 12:04	0° \mathbb{I} 32'44		min. Earth dist.	-4886 Jan 17 j 12:26	22° \mathcal{A} 56'12	0.28649 AU
	-4889 Aug 04 j 23:39	0° \mathcal{E}		inferior conj	-4886 Jan 18 j 07:27	22° \mathcal{A} 25'45	7°38'19
max. Earth dist.	-4889 Aug 17 j 16:26	16° \mathcal{E} 00'15	1.71076 AU	minimum elong	-4886 Jan 18 j 00:46	22° \mathcal{A} 36'27	7°37'19
				morning rise	-4886 Jan 22 j 03:29	20° \mathcal{A} 00'48	
superior conj	-4889 Aug 19 j 12:49	18° \mathcal{E} 20'13	1°23'48	direct	-4886 Feb 08 j 11:09	14° \mathcal{A} 11'22	
minimum elong	-4889 Aug 19 j 13:17	18° \mathcal{E} 21'39	1°24'03	greatest brilliancy	-4886 Feb 17 j 09:43	15° \mathcal{A} 39'36	-4.7m
	-4889 Aug 28 j 18:42	0° Ω			-4886 Mar 13 j 10:11	0° \mathcal{Z}	
	-4889 Sep 21 j 13:41	0° \mathbb{M}		morning max el	-4886 Mar 29 j 05:32	13° \mathcal{Z} 57'49	45°51'06
evening rise	-4889 Sep 29 j 05:11	9° \mathbb{M} 37'16		desc. node	-4886 Mar 30 j 21:05	15° \mathcal{Z} 32'19	
desc. node	-4889 Oct 14 j 00:49	28° \mathbb{M} 13'41			-4886 Apr 14 j 07:03	0° \approx	
	-4889 Oct 15 j 10:45	0° $\underline{\Omega}$			-4886 May 11 j 21:36	0° \mathbb{H}	
	-4889 Nov 08 j 11:09	0° \mathbb{M}			-4886 Jun 06 j 22:23	0° \mathbb{Y}	
	-4889 Dec 02 j 15:52	0° \mathcal{A}			-4886 Jul 02 j 01:09	0° \mathcal{B}	
	-4889 Dec 27 j 02:58	0° \mathcal{Z}		asc. node	-4886 Jul 21 j 15:10	23° \mathcal{B} 57'06	
	-4888 Jan 21 j 01:00	0° \approx			-4886 Jul 26 j 12:38	0° \mathbb{I}	
asc. node	-4888 Feb 03 j 16:59	16° \approx 05'15			-4886 Aug 19 j 13:39	0° \mathcal{E}	
	-4888 Feb 15 j 18:33	0° \mathbb{H}		greatest brilliancy	-4886 Aug 24 j 07:07	5° \mathcal{E} 56'31	-3.9m
	-4888 Mar 14 j 01:55	0° \mathbb{Y}			-4886 Sep 12 j 08:53	0° Ω	
evening max el	-4888 Mar 31 j 07:19	17° \mathbb{Y} 15'58	45°06'54	morning set	-4886 Sep 23 j 22:23	14° Ω 36'42	
	-4888 Apr 14 j 16:26	0° \mathcal{B}			-4886 Oct 06 j 02:41	0° \mathbb{M}	
greatest brilliancy	-4888 May 08 j 06:05	14° \mathcal{B} 28'42	-4.7m		-4886 Oct 29 j 22:06	0° $\underline{\Omega}$	
retrograde	-4888 May 18 j 13:46	16° \mathcal{B} 22'42					
desc. node	-4888 May 25 j 17:20	15° \mathcal{B} 23'17		superior conj	-4886 Nov 04 j 15:16	7° $\underline{\Omega}$ 10'45	0°13'44
evening set	-4888 Jun 02 j 10:50	12° \mathcal{B} 13'10		minimum elong	-4886 Nov 04 j 19:01	7° $\underline{\Omega}$ 22'31	0°13'31
inferior conj	-4888 Jun 08 j 20:08	8° \mathcal{B} 31'11	-3°15'26	behind sun begin	-4886 Nov 04 j 03:27	6° $\underline{\Omega}$ 33'41	
minimum elong	-4888 Jun 08 j 13:13	8° \mathcal{B} 41'41	3°13'22	behind sun end	-4886 Nov 05 j 10:35	8° $\underline{\Omega}$ 11'21	
min. Earth dist.	-4888 Jun 09 j 08:16	8° \mathcal{B} 12'42	0.28125 AU	max. Earth dist.	-4886 Nov 09 j 17:46	13° $\underline{\Omega}$ 34'57	1.71299 AU
morning rise	-4888 Jun 14 j 14:45	5° \mathcal{B} 06'25		desc. node	-4886 Nov 10 j 13:23	14° $\underline{\Omega}$ 36'24	
direct	-4888 Jun 30 j 06:49	0° \mathcal{B} 25'59			-4886 Nov 22 j 20:39	0° \mathbb{M}	
greatest brilliancy	-4888 Jul 11 j 12:48	2° \mathcal{B} 42'34	-4.8m	evening rise	-4886 Dec 16 j 20:53	29° \mathbb{M} 54'29	
	-4888 Aug 17 j 00:10	0° \mathbb{I}			-4886 Dec 16 j 22:39	0° \mathcal{A}	
morning max el	-4888 Aug 19 j 09:47	2° \mathbb{I} 23'00	46°37'52		-4885 Jan 10 j 04:20	0° \mathcal{Z}	
	-4888 Sep 14 j 00:46	0° \mathcal{E}			-4885 Feb 03 j 14:41	0° \approx	

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

	-4885 Feb 28 j 07:48	0°♂				-4883 Sep 02 j 10:06	0°♂	
asc. node	-4885 Mar 03 j 05:16	3°♂29'09				-4883 Sep 26 j 12:53	0°♂	
	-4885 Mar 25 j 10:46	0°♂				-4883 Oct 20 j 10:36	0°♂	
	-4885 Apr 20 j 04:21	0°♂				-4883 Nov 13 j 08:27	0°♂	
	-4885 May 16 j 22:40	0°♂				-4883 Dec 07 j 09:02	0°♂	
evening max el	-4885 Jun 12 j 18:48	27°♂47'37	46°11'10		desc. node	-4883 Dec 08 j 01:48	0°♂52'10	
	-4885 Jun 15 j 02:05	0°♂			morning set	-4883 Dec 10 j 08:36	3°♂42'41	
desc. node	-4885 Jun 23 j 04:31	7°♂25'35				-4883 Dec 31 j 12:50	0°♂	
greatest brilliancy	-4885 Jul 23 j 05:42	27°♂07'44	-4.8m					
retrograde	-4885 Aug 01 j 10:49	28°♂41'12			superior conj	-4882 Jan 20 j 04:13	24°♂17'16	-1°17'28
evening set	-4885 Aug 19 j 09:19	22°♂40'59			minimum elong	-4882 Jan 19 j 21:16	23°♂55'48	1°17'36
inferior conj	-4885 Aug 22 j 04:17	21°♂00'56	-8°57'46		max. Earth dist.	-4882 Jan 23 j 02:17	27°♂53'30	1.72960 AU
minimum elong	-4885 Aug 22 j 06:04	20°♂58'15	8°57'28			-4882 Jan 24 j 19:17	0°♂	
min. Earth dist.	-4885 Aug 22 j 11:00	20°♂50'48	0.26896 AU			-4882 Feb 18 j 03:52	0°♂	
morning rise	-4885 Aug 25 j 02:45	19°♂15'45			evening rise	-4882 Feb 27 j 05:45	11°♂09'12	
direct	-4885 Sep 11 j 18:57	13°♂20'32			greatest brilliancy	-4882 Mar 05 j 13:11	18°♂53'48	-3.9m
greatest brilliancy	-4885 Sep 22 j 10:55	15°♂30'27	-4.9m			-4882 Mar 14 j 14:42	0°♂	
asc. node	-4885 Oct 13 j 23:41	29°♂25'53			asc. node	-4882 Mar 30 j 17:43	19°♂42'33	
	-4885 Oct 14 j 15:46	0°♂				-4882 Apr 08 j 04:18	0°♂	
morning max el	-4885 Nov 01 j 15:18	17°♂03'53	46°49'45			-4882 May 02 j 21:25	0°♂	
	-4885 Nov 13 j 20:23	0°♂				-4882 May 27 j 19:15	0°♂	
	-4885 Dec 10 j 09:13	0°♂				-4882 Jun 22 j 00:27	0°♂	
	-4884 Jan 04 j 22:24	0°♂				-4882 Jul 17 j 19:18	0°♂	
	-4884 Jan 30 j 03:22	0°♂			desc. node	-4882 Jul 20 j 16:04	3°♂16'05	
desc. node	-4884 Feb 03 j 00:11	4°♂37'18				-4882 Aug 13 j 19:59	0°♂	
	-4884 Feb 24 j 04:10	0°♂			evening max el	-4882 Aug 25 j 13:02	12°♂08'51	47°32'10
	-4884 Mar 20 j 01:18	0°♂				-4882 Sep 13 j 19:53	0°♂	
	-4884 Apr 13 j 18:16	0°♂			greatest brilliancy	-4882 Oct 05 j 14:49	13°♂38'06	-4.9m
morning set	-4884 May 02 j 10:13	22°♂49'11			retrograde	-4882 Oct 15 j 08:49	15°♂27'20	
	-4884 May 08 j 06:38	0°♂			evening set	-4882 Oct 30 j 01:40	11°♂06'54	
asc. node	-4884 May 25 j 16:40	21°♂27'54			inferior conj	-4882 Nov 04 j 23:53	7°♂34'06	-1°23'15
	-4884 Jun 01 j 14:17	0°♂			minimum elong	-4882 Nov 05 j 02:57	7°♂29'21	1°22'17
max. Earth dist.	-4884 Jun 02 j 23:40	1°♂43'22	1.72816 AU		min. Earth dist.	-4882 Nov 04 j 11:18	7°♂53'40	0.26587 AU
					asc. node	-4882 Nov 10 j 10:47	4°♂18'33	
superior conj	-4884 Jun 07 j 06:26	7°♂01'50	0°28'57		morning rise	-4882 Nov 11 j 04:49	3°♂54'03	
minimum elong	-4884 Jun 07 j 00:59	6°♂44'54	0°28'51			-4882 Nov 23 j 07:24	30°♂	
	-4884 Jun 25 j 17:41	0°♂			direct	-4882 Nov 25 j 06:14	29°♂55'19	
evening rise	-4884 Jul 13 j 11:01	22°♂07'29				-4882 Nov 27 j 05:30	0°♂	
	-4884 Jul 19 j 18:08	0°♂			greatest brilliancy	-4882 Dec 04 j 19:43	1°♂39'41	-4.9m
	-4884 Aug 12 j 17:38	0°♂				-4881 Jan 12 j 05:01	0°♂	
	-4884 Sep 05 j 18:19	0°♂			morning max el	-4881 Jan 13 j 22:00	1°♂40'04	46°19'13
desc. node	-4884 Sep 14 j 14:20	10°♂59'39				-4881 Feb 10 j 00:25	0°♂	
	-4884 Sep 29 j 22:08	0°♂			desc. node	-4881 Mar 02 j 11:56	22°♂50'06	
	-4884 Oct 24 j 07:14	0°♂				-4881 Mar 08 j 18:59	0°♂	
	-4884 Nov 18 j 01:38	0°♂				-4881 Apr 03 j 16:17	0°♂	
	-4884 Dec 13 j 14:53	0°♂				-4881 Apr 29 j 00:02	0°♂	
asc. node	-4883 Jan 05 j 07:21	25°♂04'39				-4881 May 23 j 21:03	0°♂	
	-4883 Jan 10 j 00:35	0°♂				-4881 Jun 17 j 08:48	0°♂	
evening max el	-4883 Jan 17 j 02:52	7°♂08'27	45°37'12		asc. node	-4881 Jun 23 j 05:06	7°♂13'32	
	-4883 Feb 13 j 12:15	0°♂			morning set	-4881 Jul 10 j 03:58	28°♂17'56	
greatest brilliancy	-4883 Feb 24 j 03:08	5°♂25'42	-4.7m			-4881 Jul 11 j 12:39	0°♂	
retrograde	-4883 Mar 06 j 21:41	7°♂31'20				-4881 Aug 04 j 10:44	0°♂	
evening set	-4883 Mar 23 j 13:55	2°♂12'23			max. Earth dist.	-4881 Aug 15 j 01:03	13°♂21'03	1.71118 AU
	-4883 Mar 27 j 04:28	30°♂						
inferior conj	-4883 Mar 28 j 08:46	29°♂15'18	6°03'15		superior conj	-4881 Aug 17 j 02:05	15°♂55'37	1°23'47
minimum elong	-4883 Mar 28 j 17:38	29°♂01'17	6°01'26		minimum elong	-4881 Aug 17 j 01:38	15°♂54'12	1°24'02
min. Earth dist.	-4883 Mar 29 j 00:17	28°♂50'46	0.29350 AU			-4881 Aug 28 j 05:50	0°♂	
morning rise	-4883 Apr 02 j 21:14	25°♂52'14				-4881 Sep 21 j 00:54	0°♂	
direct	-4883 Apr 19 j 05:56	20°♂47'59			evening rise	-4881 Sep 26 j 14:05	6°♂58'57	
desc. node	-4883 Apr 27 j 08:10	21°♂59'53			desc. node	-4881 Oct 13 j 02:51	27°♂44'30	
greatest brilliancy	-4883 Apr 29 j 18:23	22°♂47'05	-4.7m			-4881 Oct 14 j 22:05	0°♂	
	-4883 May 13 j 09:04	0°♂				-4881 Nov 07 j 22:37	0°♂	
morning max el	-4883 Jun 07 j 08:50	20°♂57'28	46°01'04			-4881 Dec 02 j 03:31	0°♂	
	-4883 Jun 16 j 11:16	0°♂				-4881 Dec 26 j 14:57	0°♂	
	-4883 Jul 14 j 02:45	0°♂				-4880 Jan 20 j 13:39	0°♂	
	-4883 Aug 08 j 18:32	0°♂			asc. node	-4880 Feb 02 j 19:14	15°♂33'03	
asc. node	-4883 Aug 18 j 03:14	11°♂17'10				-4880 Feb 15 j 08:42	0°♂	

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

	-4880 Mar 13 j 19:47	0°♄				-4878 Sep 11 j 20:01	0°♌	
evening max el	-4880 Mar 28 j 21:57	15°♄02'48	45°06'21	morning set		-4878 Sep 21 j 09:28	12°♌04'58	
	-4880 Apr 15 j 02:06	0°♌				-4878 Oct 05 j 13:48	0°♍	
greatest brilliancy	-4880 May 05 j 19:22	12°♌14'17	-4.7m			-4878 Oct 29 j 09:13	0°♎	
retrograde	-4880 May 16 j 04:44	14°♌09'45						
desc. node	-4880 May 24 j 19:20	12°♌43'11		superior conj		-4878 Nov 01 j 23:42	4°♎31'40	0°17'41
evening set	-4880 May 31 j 00:40	10°♌00'34		minimum elong		-4878 Nov 02 j 04:30	4°♎46'45	0°17'28
inferior conj	-4880 Jun 06 j 10:56	6°♌17'12	-2°55'35	max. Earth dist.		-4878 Nov 07 j 02:44	10°♎57'45	1.71252 AU
minimum elong	-4880 Jun 06 j 04:40	6°♌26'45	2°53'42	desc. node		-4878 Nov 09 j 15:25	14°♎07'59	
min. Earth dist.	-4880 Jun 06 j 23:30	5°♌58'06	0.28176 AU			-4878 Nov 22 j 07:43	0°♏	
morning rise	-4880 Jun 12 j 07:50	2°♌49'30		evening rise		-4878 Dec 14 j 07:47	27°♏25'02	
	-4880 Jun 18 j 08:09	30°♋♄				-4878 Dec 16 j 09:42	0°♐	
direct	-4880 Jun 27 j 22:18	28°♄10'49				-4877 Jan 09 j 15:24	0°♑	
	-4880 Jul 07 j 22:12	0°♌				-4877 Feb 03 j 01:54	0°♒	
greatest brilliancy	-4880 Jul 09 j 04:50	0°♌28'11	-4.8m			-4877 Feb 27 j 19:23	0°♓	
	-4880 Aug 16 j 23:02	0°♐		asc. node		-4877 Mar 02 j 07:23	3°♓00'30	
morning max el	-4880 Aug 17 j 01:09	0°♐05'18	46°36'45			-4877 Mar 24 j 23:05	0°♄	
	-4880 Sep 13 j 17:04	0°♑				-4877 Apr 19 j 18:05	0°♌	
asc. node	-4880 Sep 14 j 14:42	1°♑01'52				-4877 May 16 j 15:22	0°♐	
	-4880 Oct 09 j 04:40	0°♌		evening max el		-4877 Jun 10 j 08:51	25°♐28'42	46°07'56
	-4880 Nov 02 j 19:53	0°♍				-4877 Jun 15 j 03:22	0°♑	
	-4880 Nov 27 j 04:39	0°♎		desc. node		-4877 Jun 22 j 06:46	6°♑24'41	
	-4880 Dec 21 j 13:13	0°♏		greatest brilliancy		-4877 Jul 20 j 16:44	24°♑41'22	-4.8m
desc. node	-4879 Jan 04 j 14:16	17°♏15'36		retrograde		-4877 Jul 29 j 22:52	26°♑15'09	
	-4879 Jan 14 j 23:29	0°♐		evening set		-4877 Aug 16 j 21:10	20°♑16'00	
	-4879 Feb 08 j 11:00	0°♑		inferior conj		-4877 Aug 19 j 16:42	18°♑34'56	-8°58'35
morning set	-4879 Feb 21 j 19:29	16°♑21'18		minimum elong		-4877 Aug 19 j 17:31	18°♑33'42	8°58'20
	-4879 Mar 04 j 22:46	0°♒		min. Earth dist.		-4877 Aug 19 j 23:07	18°♑25'14	0.26934 AU
max. Earth dist.	-4879 Mar 29 j 02:40	29°♒37'33	1.73749 AU	morning rise		-4877 Aug 22 j 13:47	16°♑51'36	
	-4879 Mar 29 j 09:59	0°♓		direct		-4877 Sep 09 j 08:21	10°♑54'12	
				greatest brilliancy		-4877 Sep 19 j 23:56	13°♑03'19	-4.9m
superior conj	-4879 Mar 30 j 11:05	1°♓16'58	-0°58'30	asc. node		-4877 Oct 13 j 01:49	28°♑17'29	
minimum elong	-4879 Mar 30 j 19:31	1°♓42'52	0°58'22			-4877 Oct 15 j 00:36	0°♌	
	-4879 Apr 22 j 20:14	0°♄		morning max el		-4877 Oct 30 j 04:10	14°♌35'46	46°49'59
asc. node	-4879 Apr 27 j 06:14	5°♄25'52				-4877 Nov 13 j 15:14	0°♍	
evening rise	-4879 May 05 j 06:27	15°♄17'01				-4877 Dec 10 j 00:19	0°♎	
	-4879 May 17 j 05:23	0°♌				-4876 Jan 04 j 11:45	0°♏	
	-4879 Jun 10 j 13:43	0°♐				-4876 Jan 29 j 15:39	0°♐	
	-4879 Jul 04 j 22:15	0°♑		desc. node		-4876 Feb 02 j 02:21	4°♐07'24	
	-4879 Jul 29 j 08:57	0°♌				-4876 Feb 23 j 15:47	0°♑	
desc. node	-4879 Aug 17 j 04:07	22°♌54'22				-4876 Mar 19 j 12:27	0°♒	
	-4879 Aug 23 j 00:39	0°♍				-4876 Apr 13 j 05:08	0°♓	
	-4879 Sep 17 j 01:55	0°♎		morning set		-4876 Apr 30 j 05:21	20°♓47'46	
	-4879 Oct 12 j 23:02	0°♏				-4876 May 07 j 17:21	0°♄	
evening max el	-4879 Nov 04 j 21:01	24°♏48'27	47°08'36	asc. node		-4876 May 24 j 18:50	21°♄01'29	
	-4879 Nov 10 j 01:09	0°♐		max. Earth dist.		-4876 May 31 j 17:12	29°♄35'55	1.72871 AU
asc. node	-4879 Dec 07 j 22:05	22°♐51'47				-4876 Jun 01 j 00:59	0°♌	
greatest brilliancy	-4879 Dec 14 j 20:09	26°♐17'17	-4.8m					
retrograde	-4879 Dec 25 j 19:13	28°♐35'08		superior conj		-4876 Jun 05 j 00:57	4°♌57'15	0°26'01
evening set	-4878 Jan 11 j 11:59	23°♐00'57		minimum elong		-4876 Jun 04 j 20:00	4°♌41'54	0°25'56
min. Earth dist.	-4878 Jan 15 j 03:10	20°♐44'44	0.28580 AU			-4876 Jun 25 j 04:28	0°♐	
inferior conj	-4878 Jan 15 j 23:36	20°♐12'03	7°30'42	evening rise		-4876 Jul 11 j 03:49	19°♐55'55	
minimum elong	-4878 Jan 15 j 16:27	20°♐23'31	7°29'33			-4876 Jul 19 j 05:05	0°♑	
morning rise	-4878 Jan 19 j 21:21	17°♐44'54				-4876 Aug 12 j 04:48	0°♌	
direct	-4878 Feb 06 j 02:51	11°♐58'49				-4876 Sep 05 j 05:46	0°♍	
greatest brilliancy	-4878 Feb 14 j 23:51	13°♐26'24	-4.7m	desc. node		-4876 Sep 13 j 16:23	10°♍30'04	
	-4878 Mar 13 j 17:43	0°♑				-4876 Sep 29 j 09:56	0°♎	
morning max el	-4878 Mar 26 j 22:06	11°♑49'38	45°51'28			-4876 Oct 23 j 19:33	0°♏	
desc. node	-4878 Mar 29 j 23:10	14°♑45'08				-4876 Nov 17 j 14:49	0°♐	
	-4878 Apr 14 j 00:41	0°♒				-4876 Dec 13 j 05:47	0°♑	
	-4878 May 11 j 11:40	0°♓		asc. node		-4875 Jan 04 j 09:37	24°♑22'35	
	-4878 Jun 06 j 10:54	0°♄				-4875 Jan 09 j 20:09	0°♒	
	-4878 Jul 01 j 12:53	0°♌		evening max el		-4875 Jan 14 j 17:45	4°♒54'15	45°39'45
asc. node	-4878 Jul 20 j 17:27	23°♌29'02				-4875 Feb 14 j 18:15	0°♓	
	-4878 Jul 25 j 23:58	0°♐		greatest brilliancy		-4875 Feb 21 j 20:44	3°♓20'09	-4.7m
	-4878 Aug 19 j 00:48	0°♑		retrograde		-4875 Mar 04 j 14:12	5°♓25'20	
greatest brilliancy	-4878 Aug 25 j 07:09	7°♑52'33	-3.9m	evening set		-4875 Mar 21 j 09:23	0°♓02'36	

Planetary Phenomena of Venus from -4900 through -4398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 6

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

	-4875 Mar 21 j 11:09	30° \approx		superior conj	-4873 Aug 14 j 15:37	13° \approx 32'14	1°23'37
inferior conj	-4875 Mar 26 j 01:53	27° \approx 08'47	6°15'26	minimum elong	-4873 Aug 14 j 14:18	13° \approx 28'05	1°23'53
minimum elong	-4875 Mar 26 j 10:39	26° \approx 54'53	6°13'43		-4873 Aug 27 j 16:55	0° Ω	
min. Earth dist.	-4875 Mar 26 j 16:57	26° \approx 44'54	0.29366 AU		-4873 Sep 20 j 12:06	0° \mathbb{M}	
morning rise	-4875 Mar 31 j 11:47	23° \approx 48'55		evening rise	-4873 Sep 23 j 23:22	4° \mathbb{M} 21'59	
direct	-4875 Apr 16 j 22:31	18° \approx 41'14		desc. node	-4873 Oct 12 j 04:56	27° \mathbb{M} 15'38	
desc. node	-4875 Apr 26 j 10:14	20° \approx 18'33			-4873 Oct 14 j 09:24	0° $\underline{\Omega}$	
greatest brilliancy	-4875 Apr 27 j 10:16	20° \approx 39'13	-4.7m		-4873 Nov 07 j 10:02	0° \mathbb{M}	
	-4875 May 14 j 02:45	0° \mathbb{X}			-4873 Dec 01 j 15:06	0° \mathbb{X}	
morning max el	-4875 Jun 04 j 23:55	18° \mathbb{X} 45'11	46°00'05		-4873 Dec 26 j 02:53	0° \mathbb{Z}	
	-4875 Jun 16 j 06:06	0° \mathbb{Y}			-4872 Jan 20 j 02:20	0° \approx	
	-4875 Jul 13 j 17:21	0° \mathbb{B}		asc. node	-4872 Feb 01 j 21:17	15° \approx 00'15	
	-4875 Aug 08 j 07:28	0° \mathbb{II}			-4872 Feb 14 j 23:00	0° \mathbb{X}	
asc. node	-4875 Aug 17 j 05:16	10° \mathbb{II} 45'14			-4872 Mar 13 j 14:09	0° \mathbb{Y}	
	-4875 Sep 01 j 22:13	0° \mathbb{G}		evening max el	-4872 Mar 26 j 13:35	12° \mathbb{Y} 51'58	45°05'52
	-4875 Sep 26 j 00:33	0° Ω			-4872 Apr 15 j 15:14	0° \mathbb{B}	
	-4875 Oct 19 j 22:00	0° \mathbb{M}		greatest brilliancy	-4872 May 03 j 08:48	10° \mathbb{B} 00'09	-4.7m
	-4875 Nov 12 j 19:40	0° $\underline{\Omega}$		retrograde	-4872 May 13 j 20:02	11° \mathbb{B} 56'50	
	-4875 Dec 06 j 20:07	0° \mathbb{M}		desc. node	-4872 May 23 j 21:36	9° \mathbb{B} 58'26	
desc. node	-4875 Dec 07 j 04:00	0° \mathbb{M} 24'30		evening set	-4872 May 28 j 14:52	7° \mathbb{B} 48'03	
morning set	-4875 Dec 07 j 19:11	1° \mathbb{M} 11'46		inferior conj	-4872 Jun 04 j 01:51	4° \mathbb{B} 03'23	-2°35'39
	-4875 Dec 30 j 23:49	0° \mathbb{X}		minimum elong	-4872 Jun 03 j 20:14	4° \mathbb{B} 11'56	2°33'55
				min. Earth dist.	-4872 Jun 04 j 14:36	3° \mathbb{B} 43'58	0.28224 AU
superior conj	-4874 Jan 17 j 18:07	21° \mathbb{X} 58'25	-1°16'09	morning rise	-4872 Jun 10 j 00:51	0° \mathbb{B} 32'54	
minimum elong	-4874 Jan 17 j 10:32	21° \mathbb{X} 34'57	1°16'14		-4872 Jun 11 j 01:24	30° \mathbb{R} \mathbb{Y}	
max. Earth dist.	-4874 Jan 20 j 19:21	25° \mathbb{X} 44'29	1.72908 AU	direct	-4872 Jun 25 j 14:13	25° \mathbb{Y} 56'05	
	-4874 Jan 24 j 06:10	0° \mathbb{Z}		greatest brilliancy	-4872 Jul 06 j 20:12	28° \mathbb{Y} 13'18	-4.8m
	-4874 Feb 17 j 14:42	0° \approx			-4872 Jul 10 j 20:39	0° \mathbb{B}	
evening rise	-4874 Feb 24 j 22:26	8° \approx 59'46		morning max el	-4872 Aug 14 j 16:54	27° \mathbb{B} 48'50	46°35'30
greatest brilliancy	-4874 Mar 03 j 16:21	17° \approx 16'37	-3.9m		-4872 Aug 16 j 21:00	0° \mathbb{II}	
	-4874 Mar 14 j 01:35	0° \mathbb{X}			-4872 Sep 13 j 09:06	0° \mathbb{G}	
asc. node	-4874 Mar 29 j 19:45	19° \mathbb{X} 15'06		asc. node	-4872 Sep 13 j 16:50	0° \mathbb{G} 22'12	
	-4874 Apr 07 j 15:25	0° \mathbb{Y}			-4872 Oct 08 j 18:34	0° Ω	
	-4874 May 02 j 08:59	0° \mathbb{B}			-4872 Nov 02 j 08:44	0° \mathbb{M}	
	-4874 May 27 j 07:33	0° \mathbb{II}			-4872 Nov 26 j 16:52	0° $\underline{\Omega}$	
	-4874 Jun 21 j 13:55	0° \mathbb{G}			-4872 Dec 21 j 00:58	0° \mathbb{M}	
	-4874 Jul 17 j 10:49	0° Ω		desc. node	-4871 Jan 03 j 16:25	16° \mathbb{M} 46'49	
desc. node	-4874 Jul 19 j 18:14	2° Ω 37'24			-4871 Jan 14 j 10:51	0° \mathbb{X}	
	-4874 Aug 13 j 15:56	0° \mathbb{M}			-4871 Feb 07 j 22:06	0° \mathbb{Z}	
evening max el	-4874 Aug 23 j 01:39	9° \mathbb{M} 41'24	47°30'46	morning set	-4871 Feb 19 j 11:58	14° \mathbb{Z} 11'03	
	-4874 Sep 14 j 10:21	0° $\underline{\Omega}$			-4871 Mar 04 j 09:42	0° \approx	
greatest brilliancy	-4874 Oct 03 j 05:55	11° $\underline{\Omega}$ 11'48	-4.9m	max. Earth dist.	-4871 Mar 27 j 02:14	27° \approx 49'14	1.73753 AU
retrograde	-4874 Oct 12 j 21:32	12° $\underline{\Omega}$ 59'17					
evening set	-4874 Oct 27 j 16:13	8° $\underline{\Omega}$ 37'07		superior conj	-4871 Mar 28 j 05:48	29° \approx 13'50	-1°00'38
min. Earth dist.	-4874 Nov 02 j 01:47	5° $\underline{\Omega}$ 24'23	0.26553 AU	minimum elong	-4871 Mar 28 j 14:16	29° \approx 39'49	1°00'30
inferior conj	-4874 Nov 02 j 12:52	5° $\underline{\Omega}$ 07'12	-1°46'39		-4871 Mar 28 j 20:51	0° \mathbb{X}	
minimum elong	-4874 Nov 02 j 16:46	5° $\underline{\Omega}$ 01'09	1°45'27		-4871 Apr 22 j 07:09	0° \mathbb{Y}	
morning rise	-4874 Nov 08 j 17:47	1° $\underline{\Omega}$ 27'21		asc. node	-4871 Apr 26 j 08:24	4° \mathbb{Y} 58'56	
asc. node	-4874 Nov 09 j 12:55	1° $\underline{\Omega}$ 02'17		evening rise	-4871 May 03 j 02:04	13° \mathbb{Y} 16'02	
	-4874 Nov 11 j 16:49	30° \mathbb{R} \mathbb{M}			-4871 May 16 j 16:27	0° \mathbb{B}	
direct	-4874 Nov 22 j 18:17	27° \mathbb{M} 28'50			-4871 Jun 10 j 01:02	0° \mathbb{II}	
greatest brilliancy	-4874 Dec 02 j 10:19	29° \mathbb{M} 15'23	-4.9m		-4871 Jul 04 j 10:00	0° \mathbb{G}	
	-4874 Dec 04 j 09:02	0° $\underline{\Omega}$			-4871 Jul 28 j 21:16	0° Ω	
morning max el	-4873 Jan 11 j 11:24	29° $\underline{\Omega}$ 18'10	46°20'34	desc. node	-4871 Aug 16 j 06:08	22° Ω 21'21	
	-4873 Jan 12 j 04:23	0° \mathbb{M}			-4871 Aug 22 j 13:48	0° \mathbb{M}	
	-4873 Feb 09 j 16:45	0° \mathbb{X}			-4871 Sep 16 j 16:23	0° $\underline{\Omega}$	
desc. node	-4873 Mar 01 j 13:59	22° \mathbb{X} 15'42			-4871 Oct 12 j 16:01	0° \mathbb{M}	
	-4873 Mar 08 j 08:42	0° \mathbb{Z}		evening max el	-4871 Nov 02 j 13:49	22° \mathbb{M} 32'48	47°11'15
	-4873 Apr 03 j 04:40	0° \approx			-4871 Nov 10 j 01:34	0° \mathbb{X}	
	-4873 Apr 28 j 11:40	0° \mathbb{X}		asc. node	-4871 Dec 07 j 00:24	21° \mathbb{X} 24'27	
	-4873 May 23 j 08:16	0° \mathbb{Y}		greatest brilliancy	-4871 Dec 12 j 12:36	24° \mathbb{X} 02'00	-4.9m
	-4873 Jun 16 j 19:48	0° \mathbb{B}		retrograde	-4871 Dec 23 j 12:23	26° \mathbb{X} 20'09	
asc. node	-4873 Jun 22 j 07:19	6° \mathbb{B} 46'27		evening set	-4870 Jan 09 j 01:30	20° \mathbb{X} 50'25	
morning set	-4873 Jul 07 j 20:05	26° \mathbb{B} 04'22		min. Earth dist.	-4870 Jan 12 j 17:55	18° \mathbb{X} 32'20	0.28507 AU
	-4873 Jul 10 j 23:36	0° \mathbb{II}		inferior conj	-4870 Jan 13 j 15:42	17° \mathbb{X} 57'30	7°22'20
	-4873 Aug 03 j 21:42	0° \mathbb{G}		minimum elong	-4870 Jan 13 j 08:07	18° \mathbb{X} 09'37	7°21'03
max. Earth dist.	-4873 Aug 12 j 12:01	10° \mathbb{G} 49'36	1.71164 AU	morning rise	-4870 Jan 17 j 15:16	15° \mathbb{X} 27'48	

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

direct	-4870 Feb 03 j 18:38	9° ♁ 45'41				-4868 Sep 04 j 17:38	0° ♁	
greatest brilliancy	-4870 Feb 12 j 13:36	11° ♁ 12'01	-4.8m		desc. node	-4868 Sep 12 j 18:29	9° ♁ 59'18	
	-4870 Mar 13 j 23:16	0° ♁				-4868 Sep 28 j 22:10	0° ♁	
morning max el	-4870 Mar 24 j 14:09	9° ♁ 39'42	45°51'49			-4868 Oct 23 j 08:19	0° ♁	
desc. node	-4870 Mar 29 j 01:19	13° ♁ 58'25				-4868 Nov 17 j 04:27	0° ♁	
	-4870 Apr 13 j 18:08	0° ♁				-4868 Dec 12 j 21:15	0° ♁	
	-4870 May 11 j 01:48	0° ♁			asc. node	-4867 Jan 03 j 11:41	23° ♁ 38'20	
	-4870 Jun 05 j 23:37	0° ♁				-4867 Jan 09 j 16:45	0° ♁	
	-4870 Jul 01 j 00:52	0° ♁			evening max el	-4867 Jan 12 j 08:03	2° ♁ 37'25	45°42'23
asc. node	-4870 Jul 19 j 19:30	22° ♁ 59'25				-4867 Feb 16 j 15:48	0° ♁	
	-4870 Jul 25 j 11:34	0° ♁			greatest brilliancy	-4867 Feb 19 j 14:00	1° ♁ 12'55	-4.7m
	-4870 Aug 18 j 12:13	0° ♁			retrograde	-4867 Mar 02 j 06:55	3° ♁ 18'20	
greatest brilliancy	-4870 Aug 25 j 23:38	9° ♁ 24'09	-3.9m			-4867 Mar 15 j 06:20	30° ♁	
	-4870 Sep 11 j 07:21	0° ♁			evening set	-4867 Mar 19 j 04:47	27° ♁ 51'31	
morning set	-4870 Sep 18 j 20:37	9° ♁ 32'45			inferior conj	-4867 Mar 23 j 19:00	25° ♁ 01'05	6°27'10
	-4870 Oct 05 j 01:08	0° ♁			minimum elong	-4867 Mar 24 j 03:37	24° ♁ 47'25	6°25'32
	-4870 Oct 28 j 20:32	0° ♁			min. Earth dist.	-4867 Mar 24 j 09:39	24° ♁ 37'52	0.29381 AU
					morning rise	-4867 Mar 29 j 02:16	21° ♁ 44'45	
superior conj	-4870 Oct 30 j 08:11	1° ♁ 51'59	0°21'36		direct	-4867 Apr 14 j 14:49	16° ♁ 33'12	
minimum elong	-4870 Oct 30 j 13:59	2° ♁ 10'13	0°21'21		greatest brilliancy	-4867 Apr 25 j 02:25	18° ♁ 30'40	-4.7m
max. Earth dist.	-4870 Nov 04 j 12:26	8° ♁ 22'04	1.71207 AU		desc. node	-4867 Apr 25 j 12:27	18° ♁ 39'48	
desc. node	-4870 Nov 08 j 17:34	13° ♁ 39'14				-4867 May 14 j 16:29	0° ♁	
	-4870 Nov 21 j 19:03	0° ♁			morning max el	-4867 Jun 02 j 15:34	16° ♁ 33'24	45°59'18
evening rise	-4870 Dec 11 j 18:29	24° ♁ 53'55				-4867 Jun 16 j 00:49	0° ♁	
	-4870 Dec 15 j 21:01	0° ♁				-4867 Jul 13 j 08:07	0° ♁	
	-4869 Jan 09 j 02:47	0° ♁				-4867 Aug 07 j 20:40	0° ♁	
	-4869 Feb 02 j 13:26	0° ♁			asc. node	-4867 Aug 16 j 07:24	10° ♁ 12'42	
	-4869 Feb 27 j 07:17	0° ♁				-4867 Sep 01 j 10:40	0° ♁	
asc. node	-4869 Mar 01 j 09:30	2° ♁ 30'54				-4867 Sep 25 j 12:36	0° ♁	
	-4869 Mar 24 j 11:45	0° ♁				-4867 Oct 19 j 09:47	0° ♁	
	-4869 Apr 19 j 08:16	0° ♁				-4867 Nov 12 j 07:16	0° ♁	
	-4869 May 16 j 08:47	0° ♁			morning set	-4867 Dec 05 j 05:19	28° ♁ 38'10	
evening max el	-4869 Jun 07 j 22:04	23° ♁ 06'37	46°04'32		desc. node	-4867 Dec 06 j 06:07	29° ♁ 55'25	
	-4869 Jun 15 j 06:38	0° ♁				-4867 Dec 06 j 07:35	0° ♁	
desc. node	-4869 Jun 21 j 08:54	5° ♁ 20'42				-4867 Dec 30 j 11:08	0° ♁	
greatest brilliancy	-4869 Jul 18 j 04:19	22° ♁ 14'14	-4.8m					
retrograde	-4869 Jul 27 j 10:19	23° ♁ 47'42			superior conj	-4866 Jan 15 j 07:42	19° ♁ 37'26	-1°14'40
evening set	-4869 Aug 14 j 08:23	17° ♁ 50'32			minimum elong	-4866 Jan 14 j 23:28	19° ♁ 12'02	1°14'44
inferior conj	-4869 Aug 17 j 05:02	16° ♁ 07'42	-8°58'26		max. Earth dist.	-4866 Jan 18 j 10:44	23° ♁ 29'10	1.72854 AU
minimum elong	-4869 Aug 17 j 04:51	16° ♁ 08'00	8°58'11			-4866 Jan 23 j 17:22	0° ♁	
min. Earth dist.	-4869 Aug 17 j 11:34	15° ♁ 57'49	0.26972 AU			-4866 Feb 17 j 01:52	0° ♁	
morning rise	-4869 Aug 20 j 01:14	14° ♁ 25'29			evening rise	-4866 Feb 22 j 15:01	6° ♁ 49'00	
direct	-4869 Sep 06 j 21:06	8° ♁ 26'26			greatest brilliancy	-4866 Mar 01 j 18:54	15° ♁ 36'25	-3.9m
greatest brilliancy	-4869 Sep 17 j 13:25	10° ♁ 35'30	-4.9m			-4866 Mar 13 j 12:50	0° ♁	
asc. node	-4869 Oct 12 j 04:02	27° ♁ 10'01			asc. node	-4866 Mar 28 j 21:57	18° ♁ 47'07	
	-4869 Oct 15 j 07:28	0° ♁				-4866 Apr 07 j 02:55	0° ♁	
morning max el	-4869 Oct 27 j 16:07	12° ♁ 04'12	46°50'18			-4866 May 01 j 20:56	0° ♁	
	-4869 Nov 13 j 09:58	0° ♁				-4866 May 26 j 20:12	0° ♁	
	-4869 Dec 09 j 15:32	0° ♁				-4866 Jun 21 j 03:46	0° ♁	
	-4868 Jan 04 j 01:17	0° ♁				-4866 Jul 17 j 02:49	0° ♁	
	-4868 Jan 29 j 04:13	0° ♁			desc. node	-4866 Jul 18 j 20:16	1° ♁ 57'12	
desc. node	-4868 Feb 01 j 04:19	3° ♁ 35'57				-4866 Aug 13 j 12:52	0° ♁	
	-4868 Feb 23 j 03:42	0° ♁			evening max el	-4866 Aug 20 j 14:29	7° ♁ 13'46	47°29'07
	-4868 Mar 18 j 23:55	0° ♁				-4866 Sep 15 j 06:21	0° ♁	
	-4868 Apr 12 j 16:18	0° ♁			greatest brilliancy	-4866 Sep 30 j 20:14	8° ♁ 42'58	-4.9m
morning set	-4868 Apr 28 j 00:36	18° ♁ 45'48			retrograde	-4866 Oct 10 j 10:24	10° ♁ 29'26	
	-4868 May 07 j 04:23	0° ♁			evening set	-4866 Oct 25 j 06:41	6° ♁ 04'56	
asc. node	-4868 May 23 j 21:02	20° ♁ 34'14			min. Earth dist.	-4866 Oct 30 j 15:48	2° ♁ 53'15	0.26525 AU
max. Earth dist.	-4868 May 29 j 12:22	27° ♁ 32'36	1.72928 AU		inferior conj	-4866 Oct 31 j 01:34	2° ♁ 38'09	-2°10'15
	-4868 May 31 j 12:00	0° ♁			minimum elong	-4866 Oct 31 j 06:19	2° ♁ 30'50	2°08'46
						-4866 Nov 04 j 10:28	30° ♁	
superior conj	-4868 Jun 02 j 19:40	2° ♁ 52'19	0°23'05		morning rise	-4866 Nov 06 j 06:19	28° ♁ 59'04	
minimum elong	-4868 Jun 02 j 15:14	2° ♁ 38'36	0°22'59		asc. node	-4866 Nov 08 j 15:13	27° ♁ 47'46	
	-4868 Jun 24 j 15:37	0° ♁			direct	-4866 Nov 20 j 06:30	25° ♁ 00'07	
evening rise	-4868 Jul 08 j 20:49	17° ♁ 43'57			greatest brilliancy	-4866 Nov 30 j 00:26	26° ♁ 48'40	-4.9m
	-4868 Jul 18 j 16:26	0° ♁				-4866 Dec 07 j 00:12	0° ♁	
	-4868 Aug 11 j 16:24	0° ♁			morning max el	-4865 Jan 09 j 01:38	26° ♁ 56'52	46°21'58

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

	-4865 Jan 12 j 03:17	0°♍		desc. node	-4863 Aug 15 j 08:19	21°♎48'50	
	-4865 Feb 09 j 09:09	0°♊			-4863 Aug 22 j 02:59	0°♐	
desc. node	-4865 Feb 28 j 16:11	21°♊41'03			-4863 Sep 16 j 06:52	0°♑	
	-4865 Mar 07 j 22:35	0°♋			-4863 Oct 12 j 09:09	0°♒	
	-4865 Apr 02 j 17:16	0°♌		evening max el	-4863 Oct 31 j 06:23	20°♒16'54	47°13'42
	-4865 Apr 27 j 23:32	0°♍			-4863 Nov 10 j 03:00	0°♊	
	-4865 May 22 j 19:44	0°♎		asc. node	-4863 Dec 06 j 02:26	19°♊54'01	
	-4865 Jun 16 j 07:03	0°♏		greatest brilliancy	-4863 Dec 10 j 05:36	21°♊47'30	-4.9m
asc. node	-4865 Jun 21 j 09:23	6°♏18'07		retrograde	-4863 Dec 21 j 05:11	24°♊05'01	
morning set	-4865 Jul 05 j 12:40	23°♏51'43		evening set	-4862 Jan 06 j 15:00	18°♊40'07	
	-4865 Jul 10 j 10:45	0°♐		min. Earth dist.	-4862 Jan 10 j 09:03	16°♊19'29	0.28434 AU
	-4865 Aug 03 j 08:51	0°♑		inferior conj	-4862 Jan 11 j 07:48	15°♊43'02	7°13'11
max. Earth dist.	-4865 Aug 09 j 23:20	8°♑18'47	1.71206 AU	minimum elong	-4862 Jan 10 j 23:52	15°♊55'46	7°11'47
				morning rise	-4862 Jan 15 j 09:18	13°♊10'23	
superior conj	-4865 Aug 12 j 05:41	11°♑10'00	1°23'18	direct	-4862 Feb 01 j 10:20	7°♊32'41	
minimum elong	-4865 Aug 12 j 03:33	11°♑03'15	1°23'33	greatest brilliancy	-4862 Feb 10 j 03:50	8°♊57'56	-4.8m
	-4865 Aug 27 j 04:09	0°♒			-4862 Mar 14 j 02:57	0°♋	
	-4865 Sep 19 j 23:27	0°♌		morning max el	-4862 Mar 22 j 05:26	7°♋27'54	45°52'09
evening rise	-4865 Sep 21 j 09:01	1°♌45'35		desc. node	-4862 Mar 28 j 03:31	13°♋12'36	
desc. node	-4865 Oct 11 j 07:07	26°♌46'29			-4862 Apr 13 j 11:11	0°♌	
	-4865 Oct 13 j 20:54	0°♍			-4862 May 10 j 15:44	0°♍	
	-4865 Nov 06 j 21:42	0°♎			-4862 Jun 05 j 12:09	0°♎	
	-4865 Dec 01 j 02:58	0°♏			-4862 Jun 30 j 12:41	0°♏	
	-4865 Dec 25 j 15:07	0°♐		asc. node	-4862 Jul 18 j 21:36	22°♏30'18	
	-4864 Jan 19 j 15:21	0°♑			-4862 Jul 24 j 23:01	0°♐	
asc. node	-4864 Jan 31 j 23:26	14°♑26'54			-4862 Aug 17 j 23:30	0°♑	
	-4864 Feb 14 j 13:42	0°♒		greatest brilliancy	-4862 Aug 26 j 09:57	10°♑36'47	-3.9m
	-4864 Mar 13 j 09:15	0°♋			-4862 Sep 10 j 18:34	0°♒	
evening max el	-4864 Mar 24 j 05:49	10°♋42'03	45°05'29	morning set	-4862 Sep 16 j 08:02	7°♒01'47	
	-4864 Apr 16 j 09:08	0°♌			-4862 Oct 04 j 12:18	0°♋	
greatest brilliancy	-4864 Apr 30 j 22:37	7°♌46'08	-4.7m				
retrograde	-4864 May 11 j 11:05	9°♌43'23		superior conj	-4862 Oct 27 j 17:09	29°♌14'23	0°25'28
desc. node	-4864 May 22 j 23:45	7°♌08'56		minimum elong	-4862 Oct 27 j 23:53	29°♌35'33	0°25'09
evening set	-4864 May 26 j 05:19	5°♌35'07			-4862 Oct 28 j 07:40	0°♍	
inferior conj	-4864 Jun 01 j 16:46	1°♌49'14	-2°15'31	max. Earth dist.	-4862 Nov 01 j 20:43	5°♍42'31	1.71158 AU
minimum elong	-4864 Jun 01 j 11:50	1°♌56'45	2°13'59	desc. node	-4862 Nov 07 j 19:41	13°♍10'59	
min. Earth dist.	-4864 Jun 02 j 05:45	1°♌29'26	0.28269 AU		-4862 Nov 21 j 06:08	0°♎	
	-4864 Jun 04 j 16:59	30°♎♐		evening rise	-4862 Dec 09 j 05:23	22°♎24'00	
morning rise	-4864 Jun 07 j 17:41	28°♎15'58			-4862 Dec 15 j 08:07	0°♏	
direct	-4864 Jun 23 j 06:19	23°♎41'09			-4861 Jan 08 j 13:56	0°♐	
greatest brilliancy	-4864 Jul 04 j 11:06	25°♎57'27	-4.8m		-4861 Feb 02 j 00:47	0°♑	
	-4864 Jul 12 j 15:21	0°♏			-4861 Feb 26 j 19:01	0°♒	
morning max el	-4864 Aug 12 j 08:22	25°♏31'38	46°34'24	asc. node	-4861 Feb 28 j 11:42	2°♒02'08	
	-4864 Aug 16 j 18:16	0°♐			-4861 Mar 24 j 00:18	0°♋	
asc. node	-4864 Sep 12 j 19:05	29°♐43'07			-4861 Apr 18 j 22:24	0°♌	
	-4864 Sep 13 j 00:56	0°♑			-4861 May 16 j 02:21	0°♍	
	-4864 Oct 08 j 08:22	0°♒		evening max el	-4861 Jun 05 j 10:29	20°♍43'29	46°01'17
	-4864 Nov 01 j 21:33	0°♋			-4861 Jun 15 j 11:15	0°♎	
	-4864 Nov 26 j 05:05	0°♌		desc. node	-4861 Jun 20 j 10:56	4°♎15'40	
	-4864 Dec 20 j 12:46	0°♍		greatest brilliancy	-4861 Jul 15 j 16:15	19°♎48'31	-4.8m
desc. node	-4863 Jan 02 j 18:24	16°♍17'16		retrograde	-4861 Jul 24 j 21:40	21°♎21'44	
	-4863 Jan 13 j 22:19	0°♏		evening set	-4861 Aug 11 j 19:10	15°♎27'00	
	-4863 Feb 07 j 09:18	0°♐		inferior conj	-4861 Aug 14 j 17:30	13°♎41'46	-8°57'14
morning set	-4863 Feb 17 j 04:01	11°♐59'08		minimum elong	-4861 Aug 14 j 16:20	13°♎43'32	8°56'58
	-4863 Mar 03 j 20:42	0°♑		min. Earth dist.	-4861 Aug 15 j 00:28	13°♎31'15	0.27012 AU
max. Earth dist.	-4863 Mar 25 j 01:49	26°♑00'48	1.73750 AU	morning rise	-4861 Aug 17 j 13:24	11°♎59'53	
				direct	-4861 Sep 04 j 09:39	5°♎59'34	
superior conj	-4863 Mar 26 j 00:11	27°♑09'28	-1°02'42	greatest brilliancy	-4861 Sep 15 j 03:44	8°♎09'39	-4.9m
minimum elong	-4863 Mar 26 j 08:38	27°♑35'21	1°02'35	asc. node	-4861 Oct 11 j 06:13	26°♎05'00	
	-4863 Mar 28 j 07:46	0°♒			-4861 Oct 15 j 11:58	0°♏	
	-4863 Apr 21 j 18:06	0°♋		morning max el	-4861 Oct 25 j 04:16	9°♏33'48	46°50'48
asc. node	-4863 Apr 25 j 10:34	4°♋31'53			-4861 Nov 13 j 03:57	0°♐	
evening rise	-4863 Apr 30 j 21:30	11°♋14'23			-4861 Dec 09 j 06:13	0°♑	
	-4863 May 16 j 03:33	0°♌			-4860 Jan 03 j 14:22	0°♒	
	-4863 Jun 09 j 12:26	0°♍			-4860 Jan 28 j 16:22	0°♋	
	-4863 Jul 03 j 21:49	0°♎		desc. node	-4860 Jan 31 j 06:34	3°♋06'34	
	-4863 Jul 28 j 09:39	0°♏			-4860 Feb 22 j 15:15	0°♐	

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

	-4860 Mar 18 j 11:03	0°♊			-4858 Sep 16 j 08:42	0°♎	
	-4860 Apr 12 j 03:11	0°♋		greatest brilliancy	-4858 Sep 28 j 09:55	6°♎14'28	-4.9m
morning set	-4860 Apr 25 j 19:49	16°♋44'34		retrograde	-4858 Oct 07 j 23:44	8°♎00'26	
	-4860 May 06 j 15:07	0°♌		evening set	-4858 Oct 22 j 21:17	3°♎33'22	
asc. node	-4860 May 22 j 23:05	20°♌07'24		min. Earth dist.	-4858 Oct 28 j 05:23	0°♎23'18	0.26502 AU
max. Earth dist.	-4860 May 27 j 08:49	25°♌34'10	1.72984 AU	inferior conj	-4858 Oct 28 j 14:10	0°♎09'46	-2°33'39
	-4860 May 30 j 22:45	0°♍		minimum elong	-4858 Oct 28 j 19:43	0°♎01'13	2°31'54
					-4858 Oct 28 j 20:31	30°♎	
superior conj	-4860 May 31 j 14:20	0°♍48'15	0°20'06	morning rise	-4858 Nov 03 j 18:32	26°♎31'53	
minimum elong	-4860 May 31 j 10:26	0°♍36'13	0°20'02	asc. node	-4858 Nov 07 j 17:18	24°♎39'06	
	-4860 Jun 24 j 02:27	0°♎		direct	-4858 Nov 17 j 19:08	22°♎32'11	
evening rise	-4860 Jul 06 j 13:56	15°♎33'31		greatest brilliancy	-4858 Nov 27 j 13:58	24°♎22'03	-4.9m
	-4860 Jul 18 j 03:28	0°♏			-4858 Dec 08 j 15:19	0°♏	
	-4860 Aug 11 j 03:41	0°♐		morning max el	-4857 Jan 06 j 16:39	24°♏38'23	46°23'21
	-4860 Sep 04 j 05:14	0°♑			-4857 Jan 12 j 00:55	0°♑	
desc. node	-4860 Sep 11 j 20:40	9°♑29'43			-4857 Feb 09 j 00:55	0°♒	
	-4860 Sep 28 j 10:09	0°♒		desc. node	-4857 Feb 27 j 18:19	21°♒07'30	
	-4860 Oct 22 j 20:49	0°♓			-4857 Mar 07 j 11:58	0°♓	
	-4860 Nov 16 j 17:50	0°♑			-4857 Apr 02 j 05:24	0°♊	
	-4860 Dec 12 j 12:30	0°♒			-4857 Apr 27 j 10:59	0°♋	
asc. node	-4859 Jan 02 j 13:52	22°♒55'12			-4857 May 22 j 06:48	0°♌	
	-4859 Jan 09 j 13:29	0°♊			-4857 Jun 15 j 17:56	0°♍	
evening max el	-4859 Jan 09 j 22:40	0°♊22'40	45°45'13	asc. node	-4857 Jun 20 j 11:32	5°♍51'09	
greatest brilliancy	-4859 Feb 17 j 06:42	29°♊06'40	-4.7m	morning set	-4857 Jul 03 j 05:22	21°♍40'27	
	-4859 Feb 19 j 22:28	0°♋			-4857 Jul 09 j 21:36	0°♎	
retrograde	-4859 Feb 28 j 00:15	1°♋13'13			-4857 Aug 02 j 19:45	0°♏	
	-4859 Mar 07 j 19:28	30°♋		max. Earth dist.	-4857 Aug 07 j 07:33	5°♏39'10	1.71253 AU
evening set	-4859 Mar 17 j 00:18	25°♋42'08					
inferior conj	-4859 Mar 21 j 12:17	22°♋55'05	6°38'17	superior conj	-4857 Aug 09 j 19:47	8°♏48'47	1°22'51
minimum elong	-4859 Mar 21 j 20:43	22°♋41'41	6°36'44	minimum elong	-4857 Aug 09 j 16:50	8°♏39'30	1°23'04
min. Earth dist.	-4859 Mar 22 j 02:16	22°♋32'54	0.29397 AU		-4857 Aug 26 j 15:08	0°♐	
morning rise	-4859 Mar 26 j 16:57	19°♋42'31		evening rise	-4857 Sep 18 j 18:31	29°♐09'31	
direct	-4859 Apr 12 j 07:24	14°♋26'47			-4857 Sep 19 j 10:34	0°♑	
greatest brilliancy	-4859 Apr 22 j 18:43	16°♋23'57	-4.7m	desc. node	-4857 Oct 10 j 09:09	26°♑17'41	
desc. node	-4859 Apr 24 j 14:35	17°♋05'53			-4857 Oct 13 j 08:09	0°♒	
	-4859 May 15 j 02:08	0°♋			-4857 Nov 06 j 09:06	0°♓	
morning max el	-4859 May 31 j 08:20	14°♋25'32	45°58'26		-4857 Nov 30 j 14:35	0°♑	
	-4859 Jun 15 j 18:41	0°♌			-4857 Dec 25 j 03:08	0°♒	
	-4859 Jul 12 j 22:22	0°♍			-4856 Jan 19 j 04:10	0°♊	
	-4859 Aug 07 j 09:26	0°♎		asc. node	-4856 Jan 31 j 01:42	13°♊54'27	
asc. node	-4859 Aug 15 j 09:42	9°♎41'50			-4856 Feb 14 j 04:17	0°♋	
	-4859 Aug 31 j 22:42	0°♏			-4856 Mar 13 j 04:29	0°♌	
	-4859 Sep 25 j 00:13	0°♐		evening max el	-4856 Mar 21 j 22:13	8°♌33'37	45°05'15
	-4859 Oct 18 j 21:11	0°♑			-4856 Apr 17 j 08:26	0°♍	
	-4859 Nov 11 j 18:31	0°♒		greatest brilliancy	-4856 Apr 28 j 13:16	5°♍34'45	-4.7m
morning set	-4859 Dec 02 j 15:24	26°♒05'21		retrograde	-4856 May 09 j 01:55	7°♍31'54	
desc. node	-4859 Dec 05 j 08:07	29°♒27'02		desc. node	-4856 May 22 j 01:46	4°♍17'42	
	-4859 Dec 05 j 18:41	0°♓		evening set	-4856 May 23 j 20:17	3°♍24'01	
	-4859 Dec 29 j 22:05	0°♑			-4856 May 29 j 17:04	30°♌	
				inferior conj	-4856 May 30 j 08:00	29°♌37'10	-1°55'24
superior conj	-4858 Jan 12 j 21:15	17°♑17'27	-1°13'03	minimum elong	-4856 May 30 j 03:47	29°♌43'38	1°54'05
minimum elong	-4858 Jan 12 j 12:28	16°♑50'17	1°13'06	min. Earth dist.	-4856 May 30 j 21:22	29°♌16'45	0.28313 AU
max. Earth dist.	-4858 Jan 16 j 01:01	21°♑11'33	1.72796 AU	morning rise	-4856 Jun 05 j 10:37	26°♌01'07	
	-4858 Jan 23 j 04:11	0°♒		direct	-4856 Jun 20 j 22:33	21°♌28'23	
	-4858 Feb 16 j 12:37	0°♊		greatest brilliancy	-4856 Jul 02 j 02:16	23°♌43'30	-4.8m
evening rise	-4858 Feb 20 j 07:47	4°♊40'02			-4856 Jul 13 j 20:00	0°♍	
greatest brilliancy	-4858 Feb 27 j 18:06	13°♊47'16	-3.9m	morning max el	-4856 Aug 09 j 23:13	23°♍13'50	46°33'00
	-4858 Mar 12 j 23:40	0°♋			-4856 Aug 16 j 14:32	0°♎	
asc. node	-4858 Mar 28 j 00:08	18°♋20'17		asc. node	-4856 Sep 11 j 21:12	29°♎04'36	
	-4858 Apr 06 j 14:00	0°♌			-4856 Sep 12 j 16:20	0°♏	
	-4858 May 01 j 08:30	0°♍			-4856 Oct 07 j 21:55	0°♐	
	-4858 May 26 j 08:33	0°♎			-4856 Nov 01 j 10:09	0°♑	
	-4858 Jun 20 j 17:23	0°♏			-4856 Nov 25 j 17:06	0°♒	
	-4858 Jul 16 j 18:43	0°♐			-4856 Dec 20 j 00:21	0°♓	
desc. node	-4858 Jul 17 j 22:29	1°♐18'09		desc. node	-4855 Jan 01 j 20:37	15°♓48'58	
	-4858 Aug 13 j 10:06	0°♑			-4855 Jan 13 j 09:35	0°♑	
evening max el	-4858 Aug 18 j 04:18	4°♑49'47	47°27'28		-4855 Feb 06 j 20:20	0°♒	

Planetary Phenomena of Venus from -4900 through -4398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 10

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

morning set	-4855 Feb 14 j 19:53	9° ☿ 47'07		minimum elong	-4853 Aug 12 j 04:02	11° ☿ 19'46	8°54'35
	-4855 Mar 03 j 07:34	0° \approx		min. Earth dist.	-4853 Aug 12 j 13:19	11° ☿ 05'45	0.27053 AU
max. Earth dist.	-4855 Mar 23 j 00:09	24° \approx 09'01	1.73741 AU	morning rise	-4853 Aug 15 j 02:23	9° ☿ 34'18	
				direct	-4853 Sep 01 j 22:26	3° ☿ 33'21	
superior conj	-4855 Mar 23 j 18:36	25° \approx 05'37	-1°04'40	greatest brilliancy	-4853 Sep 12 j 18:14	5° ☿ 44'46	-4.9m
minimum elong	-4855 Mar 24 j 02:58	25° \approx 31'17	1°04'35	asc. node	-4853 Oct 10 j 08:20	25° ☿ 01'36	
	-4855 Mar 27 j 18:33	0° ✕			-4853 Oct 15 j 14:47	0° Ω	
	-4855 Apr 21 j 04:53	0° Υ		morning max el	-4853 Oct 22 j 17:10	7° Ω 05'17	46°51'01
asc. node	-4855 Apr 24 j 12:37	4° Υ 04'59			-4853 Nov 12 j 21:38	0° ☿	
evening rise	-4855 Apr 28 j 17:02	9° Υ 13'34			-4853 Dec 08 j 20:57	0° $\underline{\Omega}$	
	-4855 May 15 j 14:28	0° ☿			-4852 Jan 03 j 03:39	0° ☿	
	-4855 Jun 08 j 23:38	0° ☿			-4852 Jan 28 j 04:45	0° ☿	
	-4855 Jul 03 j 09:28	0° ☿		desc. node	-4852 Jan 30 j 08:41	2° ☿ 35'59	
	-4855 Jul 27 j 21:57	0° Ω			-4852 Feb 22 j 03:01	0° ☿	
desc. node	-4855 Aug 14 j 10:28	21° Ω 16'22			-4852 Mar 17 j 22:24	0° \approx	
	-4855 Aug 21 j 16:11	0° ☿			-4852 Apr 11 j 14:16	0° ✕	
	-4855 Sep 15 j 21:30	0° $\underline{\Omega}$		morning set	-4852 Apr 23 j 14:41	14° ✕ 41'36	
	-4855 Oct 12 j 02:43	0° ☿			-4852 May 06 j 02:05	0° Υ	
evening max el	-4855 Oct 28 j 22:08	17° ☿ 58'22	47°16'02	asc. node	-4852 May 22 j 01:13	19° Υ 40'06	
	-4855 Nov 10 j 06:02	0° ☿		max. Earth dist.	-4852 May 25 j 06:11	23° Υ 37'52	1.73036 AU
asc. node	-4855 Dec 05 j 04:37	18° ☿ 19'56					
greatest brilliancy	-4855 Dec 07 j 22:55	19° ☿ 32'29	-4.9m	superior conj	-4852 May 29 j 08:51	28° Υ 43'02	0°17'04
retrograde	-4855 Dec 18 j 21:11	21° ☿ 48'43		minimum elong	-4852 May 29 j 05:32	28° Υ 32'44	0°17'02
evening set	-4854 Jan 04 j 04:11	16° ☿ 28'50			-4852 May 30 j 09:43	0° ☿	
min. Earth dist.	-4854 Jan 08 j 00:18	14° ☿ 05'04	0.28359 AU		-4852 Jun 23 j 13:32	0° ☿	
inferior conj	-4854 Jan 08 j 23:39	13° ☿ 27'39	7°03'15	evening rise	-4852 Jul 04 j 07:14	13° ☿ 23'01	
minimum elong	-4854 Jan 08 j 15:22	13° ☿ 40'56	7°01'43		-4852 Jul 17 j 14:43	0° ☿	
morning rise	-4854 Jan 13 j 03:09	10° ☿ 51'49			-4852 Aug 10 j 15:08	0° Ω	
direct	-4854 Jan 30 j 01:21	5° ☿ 18'42			-4852 Sep 03 j 16:58	0° ☿	
greatest brilliancy	-4854 Feb 07 j 18:23	6° ☿ 43'23	-4.8m	desc. node	-4852 Sep 10 j 22:42	8° ☿ 59'14	
	-4854 Mar 14 j 05:10	0° ☿			-4852 Sep 27 j 22:18	0° $\underline{\Omega}$	
morning max el	-4854 Mar 19 j 19:49	5° ☿ 13'37	45°52'38		-4852 Oct 22 j 09:34	0° ☿	
desc. node	-4854 Mar 27 j 05:37	12° ☿ 27'09			-4852 Nov 16 j 07:34	0° ☿	
	-4854 Apr 13 j 03:56	0° \approx			-4852 Dec 12 j 04:19	0° ☿	
	-4854 May 10 j 05:32	0° ✕		asc. node	-4851 Jan 01 j 16:08	22° ☿ 10'27	
	-4854 Jun 05 j 00:35	0° Υ		evening max el	-4851 Jan 07 j 14:01	28° ☿ 08'28	45°48'03
	-4854 Jun 30 j 00:25	0° ☿			-4851 Jan 09 j 11:30	0° \approx	
asc. node	-4854 Jul 17 j 23:52	22° ☿ 02'01		greatest brilliancy	-4851 Feb 14 j 22:42	26° \approx 57'53	-4.7m
	-4854 Jul 24 j 10:22	0° ☿		retrograde	-4851 Feb 25 j 17:43	29° \approx 06'00	
	-4854 Aug 17 j 10:43	0° ☿		evening set	-4851 Mar 14 j 19:32	23° \approx 30'43	
greatest brilliancy	-4854 Aug 26 j 12:25	11° ☿ 24'57	-3.9m	inferior conj	-4851 Mar 19 j 05:17	20° \approx 46'57	6°48'49
	-4854 Sep 10 j 05:46	0° Ω		minimum elong	-4851 Mar 19 j 13:30	20° \approx 33'55	6°47'23
morning set	-4854 Sep 13 j 19:32	4° Ω 31'04		min. Earth dist.	-4851 Mar 19 j 18:16	20° \approx 26'23	0.29411 AU
	-4854 Oct 03 j 23:30	0° ☿		morning rise	-4851 Mar 24 j 07:19	17° \approx 38'22	
				direct	-4851 Apr 10 j 00:08	12° \approx 18'23	
superior conj	-4854 Oct 25 j 01:50	26° ☿ 35'37	0°29'16	greatest brilliancy	-4851 Apr 20 j 10:16	14° \approx 14'51	-4.7m
minimum elong	-4854 Oct 25 j 09:27	26° ☿ 59'33	0°28'57	desc. node	-4851 Apr 23 j 16:40	15° \approx 33'27	
	-4854 Oct 27 j 18:52	0° $\underline{\Omega}$			-4851 May 15 j 09:46	0° ✕	
max. Earth dist.	-4854 Oct 30 j 00:27	2° $\underline{\Omega}$ 48'17	1.71116 AU	morning max el	-4851 May 29 j 01:30	12° ☿ 17'37	45°57'34
desc. node	-4854 Nov 06 j 21:43	12° $\underline{\Omega}$ 42'09			-4851 Jun 15 j 12:35	0° Υ	
	-4854 Nov 20 j 17:21	0° ☿			-4851 Jul 12 j 12:50	0° ☿	
evening rise	-4854 Dec 06 j 15:31	19° ☿ 51'19			-4851 Aug 06 j 22:27	0° ☿	
	-4854 Dec 14 j 19:21	0° ☿		asc. node	-4851 Aug 14 j 11:42	9° ☿ 09'14	
	-4853 Jan 08 j 01:14	0° ☿			-4851 Aug 31 j 10:58	0° ☿	
	-4853 Feb 01 j 12:16	0° \approx			-4851 Sep 24 j 12:04	0° Ω	
	-4853 Feb 26 j 06:56	0° ✕			-4851 Oct 18 j 08:47	0° ☿	
asc. node	-4853 Feb 27 j 13:48	1° ☿ 32'37			-4851 Nov 11 j 05:58	0° $\underline{\Omega}$	
	-4853 Mar 23 j 13:03	0° Υ		morning set	-4851 Nov 30 j 01:45	23° $\underline{\Omega}$ 32'33	
	-4853 Apr 18 j 12:50	0° ☿		desc. node	-4851 Dec 04 j 10:18	28° $\underline{\Omega}$ 58'35	
	-4853 May 15 j 20:27	0° ☿			-4851 Dec 05 j 06:00	0° ☿	
evening max el	-4853 Jun 02 j 22:48	18° ☿ 20'10	45°58'18		-4851 Dec 29 j 09:18	0° ☿	
	-4853 Jun 15 j 17:55	0° ☿					
desc. node	-4853 Jun 19 j 13:14	3° ☿ 09'26		superior conj	-4850 Jan 10 j 10:30	14° ☿ 55'30	-1°11'17
greatest brilliancy	-4853 Jul 13 j 03:52	17° ☿ 22'59	-4.8m	minimum elong	-4850 Jan 10 j 01:13	14° ☿ 26'45	1°11'18
retrograde	-4853 Jul 22 j 09:31	18° ☿ 56'45		max. Earth dist.	-4850 Jan 13 j 15:51	18° ☿ 54'37	1.72748 AU
evening set	-4853 Aug 09 j 05:33	13° ☿ 04'52			-4850 Jan 22 j 15:19	0° ☿	
inferior conj	-4853 Aug 12 j 06:10	11° ☿ 16'33	-8°54'54		-4850 Feb 15 j 23:45	0° \approx	

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

evening rise	-4850 Feb 18 j 00:07	2°≈28'36				-4848 Jul 14 j 17:31	0°♄	
greatest brilliancy	-4850 Feb 26 j 01:05	12°≈20'52	-3.9m	morning max el		-4848 Aug 07 j 12:58	20°♄52'20	46°31'40
	-4850 Mar 12 j 10:54	0°♄				-4848 Aug 16 j 10:34	0°♄	
asc. node	-4850 Mar 27 j 02:09	17°♄51'50		asc. node		-4848 Sep 10 j 23:20	28°♄25'30	
	-4850 Apr 06 j 01:30	0°♄				-4848 Sep 12 j 07:52	0°♄	
	-4850 Apr 30 j 20:29	0°♄				-4848 Oct 07 j 11:39	0°♄	
	-4850 May 25 j 21:22	0°♄				-4848 Oct 31 j 22:58	0°♄	
	-4850 Jun 20 j 07:32	0°♄				-4848 Nov 25 j 05:20	0°♄	
	-4850 Jul 16 j 11:19	0°♄				-4848 Dec 19 j 12:09	0°♄	
desc. node	-4850 Jul 17 j 00:38	0°♄37'19		desc. node		-4848 Dec 31 j 22:43	15°♄19'42	
	-4850 Aug 13 j 08:34	0°♄				-4847 Jan 12 j 21:01	0°♄	
evening max el	-4850 Aug 15 j 19:05	2°♄27'19	47°25'45			-4847 Feb 06 j 07:30	0°♄	
	-4850 Sep 17 j 22:26	0°♄		morning set		-4847 Feb 12 j 11:58	7°♄35'12	
greatest brilliancy	-4850 Sep 25 j 23:24	3°♄45'05	-4.9m			-4847 Mar 02 j 18:35	0°≈	
retrograde	-4850 Oct 05 j 13:13	5°♄30'30		max. Earth dist.		-4847 Mar 20 j 21:50	22°≈14'41	1.73735 AU
evening set	-4850 Oct 20 j 12:06	1°♄01'01						
	-4850 Oct 22 j 06:48	30°♄		superior conj		-4847 Mar 21 j 13:12	23°≈01'49	-1°06'33
inferior conj	-4850 Oct 26 j 02:45	27°♄40'39	-2°56'40	minimum elong		-4847 Mar 21 j 21:27	23°≈27'07	1°06'29
minimum elong	-4850 Oct 26 j 09:05	27°♄30'56	2°54'43			-4847 Mar 27 j 05:31	0°♄	
min. Earth dist.	-4850 Oct 25 j 18:47	27°♄52'54	0.26475 AU			-4847 Apr 20 j 15:53	0°♄	
morning rise	-4850 Nov 01 j 06:29	24°♄04'11		asc. node		-4847 Apr 23 j 14:48	3°♄37'46	
asc. node	-4850 Nov 06 j 19:27	21°♄35'04		evening rise		-4847 Apr 26 j 12:34	7°♄12'06	
direct	-4850 Nov 15 j 08:09	20°♄03'48				-4847 May 15 j 01:39	0°♄	
greatest brilliancy	-4850 Nov 25 j 03:03	21°♄54'17	-4.9m			-4847 Jun 08 j 11:08	0°♄	
	-4850 Dec 09 j 18:56	0°♄				-4847 Jul 02 j 21:26	0°♄	
morning max el	-4849 Jan 04 j 07:20	22°♄18'25	46°24'34			-4847 Jul 27 j 10:33	0°♄	
	-4849 Jan 11 j 22:01	0°♄		desc. node		-4847 Aug 13 j 12:29	20°♄42'40	
	-4849 Feb 08 j 16:43	0°♄				-4847 Aug 21 j 05:43	0°♄	
desc. node	-4849 Feb 26 j 20:22	20°♄32'56				-4847 Sep 15 j 12:32	0°♄	
	-4849 Mar 07 j 01:34	0°♄				-4847 Oct 11 j 20:54	0°♄	
	-4849 Apr 01 j 17:53	0°≈		evening max el		-4847 Oct 26 j 13:00	15°♄36'50	47°18'19
	-4849 Apr 26 j 22:48	0°♄				-4847 Nov 10 j 11:02	0°♄	
	-4849 May 21 j 18:14	0°♄		asc. node		-4847 Dec 04 j 06:54	16°♄41'58	
	-4849 Jun 15 j 05:11	0°♄		greatest brilliancy		-4847 Dec 05 j 16:32	17°♄17'02	-4.9m
asc. node	-4849 Jun 19 j 13:44	5°♄23'11		retrograde		-4847 Dec 16 j 13:00	19°♄31'58	
morning set	-4849 Jun 30 j 21:52	19°♄27'39		evening set		-4846 Jan 01 j 17:23	14°♄16'58	
	-4849 Jul 09 j 08:46	0°♄		min. Earth dist.		-4846 Jan 05 j 15:55	11°♄49'47	0.28279 AU
	-4849 Aug 02 j 06:58	0°♄		inferior conj		-4846 Jan 06 j 15:32	11°♄11'55	6°52'41
max. Earth dist.	-4849 Aug 04 j 14:05	2°♄53'19	1.71302 AU	minimum elong		-4846 Jan 06 j 06:57	11°♄25'40	6°51'01
				morning rise		-4846 Jan 10 j 21:07	8°♄32'51	
superior conj	-4849 Aug 07 j 09:54	6°♄26'42	1°22'13	direct		-4846 Jan 27 j 15:52	3°♄04'16	
minimum elong	-4849 Aug 07 j 06:10	6°♄14'59	1°22'27	greatest brilliancy		-4846 Feb 05 j 09:31	4°♄29'09	-4.8m
	-4849 Aug 26 j 02:28	0°♄				-4846 Mar 14 j 06:04	0°♄	
evening rise	-4849 Sep 16 j 04:08	26°♄32'39		morning max el		-4846 Mar 17 j 10:01	2°♄58'43	45°53'16
	-4849 Sep 18 j 22:02	0°♄		desc. node		-4846 Mar 26 j 07:44	11°♄42'21	
desc. node	-4849 Oct 09 j 11:14	25°♄48'01				-4846 Apr 12 j 20:23	0°≈	
	-4849 Oct 12 j 19:44	0°♄				-4846 May 09 j 19:16	0°♄	
	-4849 Nov 05 j 20:47	0°♄				-4846 Jun 04 j 13:04	0°♄	
	-4849 Nov 30 j 02:27	0°♄				-4846 Jun 29 j 12:15	0°♄	
	-4849 Dec 24 j 15:25	0°♄		asc. node		-4846 Jul 17 j 01:54	21°♄32'26	
	-4848 Jan 18 j 17:18	0°≈				-4846 Jul 23 j 21:54	0°♄	
asc. node	-4848 Jan 30 j 03:43	13°≈20'32				-4846 Aug 16 j 22:06	0°♄	
	-4848 Feb 13 j 19:19	0°♄		greatest brilliancy		-4846 Aug 26 j 12:28	12°♄04'58	-3.9m
	-4848 Mar 13 j 00:41	0°♄				-4846 Sep 09 j 17:05	0°♄	
evening max el	-4848 Mar 19 j 13:55	6°♄22'26	45°04'53	morning set		-4846 Sep 11 j 06:59	1°♄59'44	
	-4848 Apr 18 j 17:58	0°♄				-4846 Oct 03 j 10:48	0°♄	
greatest brilliancy	-4848 Apr 26 j 04:25	3°♄22'41	-4.7m					
retrograde	-4848 May 06 j 16:17	5°♄19'15		superior conj		-4846 Oct 22 j 10:28	23°♄56'17	0°33'00
evening set	-4848 May 21 j 11:22	1°♄11'26		minimum elong		-4846 Oct 22 j 18:54	24°♄22'48	0°32'40
desc. node	-4848 May 21 j 04:02	1°♄21'02		max. Earth dist.		-4846 Oct 27 j 02:35	29°♄48'43	1.71076 AU
	-4848 May 23 j 15:09	30°♄				-4846 Oct 27 j 06:10	0°♄	
inferior conj	-4848 May 27 j 23:14	27°♄24'03	-1°35'10	desc. node		-4846 Nov 05 j 23:54	12°♄13'31	
minimum elong	-4848 May 27 j 19:44	27°♄29'24	1°34'03			-4846 Nov 20 j 04:39	0°♄	
min. Earth dist.	-4848 May 28 j 13:19	27°♄02'26	0.28360 AU	evening rise		-4846 Dec 04 j 01:35	17°♄18'03	
morning rise	-4848 Jun 03 j 03:23	23°♄45'18				-4846 Dec 14 j 06:40	0°♄	
direct	-4848 Jun 18 j 14:18	19°♄14'26				-4845 Jan 07 j 12:36	0°♄	
greatest brilliancy	-4848 Jun 29 j 18:00	21°♄29'00	-4.8m			-4845 Jan 31 j 23:47	0°≈	

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

	-4845 Feb 25 j 18:51	0° H				-4843 Aug 30 j 22:59	0° G	
asc. node	-4845 Feb 26 j 15:55	1° H 03'09				-4843 Sep 23 j 23:45	0° Q	
	-4845 Mar 23 j 01:50	0° Y				-4843 Oct 17 j 20:16	0° P	
	-4845 Apr 18 j 03:21	0° B				-4843 Nov 10 j 17:19	0° L	
	-4845 May 15 j 14:58	0° II		morning set		-4843 Nov 27 j 11:39	20° L 58'36	
evening max el	-4845 May 31 j 11:26	15° II 57'52	45°55'10	desc. node		-4843 Dec 03 j 12:25	28° L 30'14	
	-4845 Jun 16 j 03:08	0° G				-4843 Dec 04 j 17:13	0° M	
desc. node	-4845 Jun 18 j 15:19	2° G 00'43				-4843 Dec 28 j 20:21	0° X	
greatest brilliancy	-4845 Jul 10 j 14:40	14° G 56'18	-4.8m					
retrograde	-4845 Jul 19 j 21:48	16° G 31'26		superior conj		-4842 Jan 07 j 23:14	12° X 32'19	-1°09'23
evening set	-4845 Aug 06 j 15:17	10° G 42'51		minimum elong		-4842 Jan 07 j 13:29	12° X 02'08	1°09'21
inferior conj	-4845 Aug 09 j 18:41	8° G 50'44	-8°51'29	max. Earth dist.		-4842 Jan 11 j 08:30	16° X 43'44	1.72693 AU
minimum elong	-4845 Aug 09 j 15:36	8° G 55'22	8°51'06			-4842 Jan 22 j 02:16	0° Z	
min. Earth dist.	-4845 Aug 10 j 01:44	8° G 40'06	0.27098 AU			-4842 Feb 15 j 10:40	0° \approx	
morning rise	-4845 Aug 12 j 15:46	7° G 07'24		evening rise		-4842 Feb 15 j 16:18	0° \approx 17'17	
direct	-4845 Aug 30 j 11:37	1° G 06'29		greatest brilliancy		-4842 Feb 24 j 20:03	11° \approx 31'51	-3.9m
greatest brilliancy	-4845 Sep 10 j 08:23	3° G 19'02	-4.9m			-4842 Mar 11 j 21:55	0° H	
asc. node	-4845 Oct 09 j 10:33	23° G 59'29		asc. node		-4842 Mar 26 j 04:22	17° H 24'41	
	-4845 Oct 15 j 16:20	0° Q				-4842 Apr 05 j 12:47	0° Y	
morning max el	-4845 Oct 20 j 06:55	4° Q 38'41	46°51'18			-4842 Apr 30 j 08:14	0° B	
	-4845 Nov 12 j 15:02	0° P				-4842 May 25 j 09:53	0° II	
	-4845 Dec 08 j 11:32	0° L				-4842 Jun 19 j 21:25	0° G	
	-4844 Jan 02 j 16:48	0° M		desc. node		-4842 Jul 16 j 02:40	29° G 56'54	
	-4844 Jan 27 j 17:02	0° X				-4842 Jul 16 j 03:47	0° Q	
desc. node	-4844 Jan 29 j 10:41	2° X 05'14				-4842 Aug 13 j 07:32	0° P	
	-4844 Feb 21 j 14:42	0° Z		evening max el		-4842 Aug 13 j 09:54	0° P 05'53	47°23'33
	-4844 Mar 17 j 09:39	0° \approx				-4842 Sep 20 j 08:19	0° L	
	-4844 Apr 11 j 01:13	0° H		greatest brilliancy		-4842 Sep 23 j 12:46	1° L 15'55	-4.9m
morning set	-4844 Apr 21 j 10:00	12° H 40'24		retrograde		-4842 Oct 03 j 02:02	3° L 00'15	
	-4844 May 05 j 12:55	0° Y				-4842 Oct 15 j 04:23	30° R P	
asc. node	-4844 May 21 j 03:26	19° Y 13'31		evening set		-4842 Oct 18 j 02:53	28° P 28'24	
max. Earth dist.	-4844 May 23 j 05:07	21° Y 46'58	1.73086 AU	inferior conj		-4842 Oct 23 j 15:07	25° P 11'19	-3°19'37
				minimum elong		-4842 Oct 23 j 22:10	25° P 00'29	3°17'27
superior conj	-4844 May 27 j 03:48	26° Y 39'37	0°14'05	min. Earth dist.		-4842 Oct 23 j 08:08	25° P 22'04	0.26458 AU
minimum elong	-4844 May 27 j 01:02	26° Y 31'05	0°14'03	morning rise		-4842 Oct 29 j 17:54	21° P 36'21	
behind sun begin	-4844 May 26 j 14:39	25° Y 58'57		asc. node		-4842 Nov 05 j 21:43	18° P 36'02	
behind sun end	-4844 May 27 j 11:26	27° Y 03'14		direct		-4842 Nov 12 j 21:04	17° P 35'13	
	-4844 May 29 j 20:34	0° B		greatest brilliancy		-4842 Nov 22 j 16:12	19° P 26'08	-4.9m
	-4844 Jun 23 j 00:30	0° II				-4842 Dec 10 j 15:11	0° L	
evening rise	-4844 Jul 02 j 00:56	11° II 14'12		morning max el		-4841 Jan 01 j 21:02	19° L 55'55	46°25'51
	-4844 Jul 17 j 01:53	0° G				-4841 Jan 11 j 18:20	0° M	
	-4844 Aug 10 j 02:35	0° Q				-4841 Feb 08 j 08:06	0° X	
	-4844 Sep 03 j 04:45	0° P		desc. node		-4841 Feb 25 j 22:35	19° X 59'42	
desc. node	-4844 Sep 10 j 00:50	8° P 28'57				-4841 Mar 06 j 14:50	0° Z	
	-4844 Sep 27 j 10:30	0° L				-4841 Apr 01 j 06:00	0° \approx	
	-4844 Oct 21 j 22:20	0° M				-4841 Apr 26 j 10:16	0° H	
	-4844 Nov 15 j 21:20	0° X				-4841 May 21 j 05:20	0° Y	
	-4844 Dec 11 j 20:16	0° Z				-4841 Jun 14 j 16:05	0° B	
asc. node	-4844 Dec 31 j 18:09	21° Z 24'50		asc. node		-4841 Jun 18 j 15:46	4° B 55'49	
evening max el	-4843 Jan 05 j 06:13	25° Z 56'39	45°51'00	morning set		-4841 Jun 28 j 14:56	17° B 17'48	
	-4843 Jan 09 j 10:13	0° \approx				-4841 Jul 08 j 19:35	0° II	
greatest brilliancy	-4843 Feb 12 j 14:55	24° \approx 50'07	-4.7m			-4841 Aug 01 j 17:49	0° G	
retrograde	-4843 Feb 23 j 11:30	26° \approx 59'36		max. Earth dist.		-4841 Aug 01 j 22:03	0° G 13'19	1.71353 AU
evening set	-4843 Mar 12 j 14:56	21° \approx 20'26						
inferior conj	-4843 Mar 16 j 22:26	18° \approx 39'45	6°58'53	superior conj		-4841 Aug 05 j 00:48	4° G 08'25	1°21'29
minimum elong	-4843 Mar 17 j 06:23	18° \approx 27'10	6°57'34	minimum elong		-4841 Aug 04 j 20:22	3° G 54'30	1°21'42
min. Earth dist.	-4843 Mar 17 j 10:04	18° \approx 21'19	0.29417 AU			-4841 Aug 25 j 13:25	0° Q	
morning rise	-4843 Mar 21 j 21:47	15° \approx 35'14		evening rise		-4841 Sep 13 j 14:25	23° Q 59'10	
direct	-4843 Apr 07 j 17:28	10° \approx 11'14				-4841 Sep 18 j 09:08	0° P	
greatest brilliancy	-4843 Apr 18 j 01:17	12° \approx 06'13	-4.7m	desc. node		-4841 Oct 08 j 13:25	25° P 19'43	
desc. node	-4843 Apr 22 j 18:54	14° \approx 05'13				-4841 Oct 12 j 06:59	0° L	
	-4843 May 15 j 14:46	0° H				-4841 Nov 05 j 08:13	0° M	
morning max el	-4843 May 26 j 18:57	10° H 11'34	45°56'48			-4841 Nov 29 j 14:08	0° X	
	-4843 Jun 15 j 05:43	0° Y				-4841 Dec 24 j 03:33	0° Z	
	-4843 Jul 12 j 02:49	0° B				-4840 Jan 18 j 06:20	0° \approx	
	-4843 Aug 06 j 11:07	0° II		asc. node		-4840 Jan 29 j 05:54	12° \approx 47'23	
asc. node	-4843 Aug 13 j 13:52	8° II 38'00				-4840 Feb 13 j 10:20	0° H	

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

	-4840 Mar 12 j 21:16	0°♈		morning set	-4838 Sep 08 j 18:47	29°♊30'22	
evening max el	-4840 Mar 17 j 04:41	4°♈09'45	45°04'49		-4838 Sep 09 j 04:10	0°♊	
	-4840 Apr 20 j 19:23	0°♉			-4838 Oct 02 j 21:51	0°♊	
greatest brilliancy	-4840 Apr 23 j 19:45	1°♉11'56	-4.7m				
retrograde	-4840 May 04 j 06:44	3°♉08'10		superior conj	-4838 Oct 19 j 19:29	21°♊18'53	0°36'39
	-4840 May 17 j 02:39	30°♉		minimum elong	-4838 Oct 20 j 04:40	21°♊47'45	0°36'18
evening set	-4840 May 19 j 02:42	28°♉59'49		max. Earth dist.	-4838 Oct 24 j 05:42	26°♊53'00	1.71038 AU
desc. node	-4840 May 20 j 06:09	28°♉22'43			-4838 Oct 26 j 17:12	0°♊	
inferior conj	-4840 May 25 j 14:35	25°♉12'22	-1°14'57	desc. node	-4838 Nov 05 j 01:58	11°♊45'26	
minimum elong	-4840 May 25 j 11:49	25°♉16'37	1°14'03		-4838 Nov 19 j 15:41	0°♊	
min. Earth dist.	-4840 May 26 j 05:35	24°♉49'19	0.28404 AU	evening rise	-4838 Dec 01 j 11:54	14°♊46'24	
morning rise	-4840 May 31 j 20:06	21°♉31'12			-4838 Dec 13 j 17:43	0°♊	
direct	-4840 Jun 16 j 05:39	17°♉01'45			-4837 Jan 06 j 23:44	0°♋	
greatest brilliancy	-4840 Jun 27 j 10:20	19°♉16'35	-4.8m		-4837 Jan 31 j 11:08	0°♋	
	-4840 Jul 15 j 08:58	0°♋			-4837 Feb 25 j 06:40	0°♋	
morning max el	-4840 Aug 05 j 02:39	18°♋32'00	46°30'34	asc. node	-4837 Feb 25 j 18:07	0°♋34'16	
	-4840 Aug 16 j 05:34	0°♌			-4837 Mar 22 j 14:36	0°♋	
asc. node	-4840 Sep 10 j 01:33	27°♌48'17			-4837 Apr 17 j 17:59	0°♋	
	-4840 Sep 11 j 22:44	0°♌			-4837 May 15 j 09:52	0°♌	
	-4840 Oct 07 j 00:52	0°♍		evening max el	-4837 May 29 j 00:54	13°♌38'08	45°52'17
	-4840 Oct 31 j 11:20	0°♍			-4837 Jun 16 j 15:15	0°♌	
	-4840 Nov 24 j 17:11	0°♍		desc. node	-4837 Jun 17 j 17:23	0°♌50'25	
	-4840 Dec 18 j 23:38	0°♍		greatest brilliancy	-4837 Jul 08 j 00:57	12°♌29'55	-4.8m
desc. node	-4840 Dec 31 j 00:43	14°♍50'52		retrograde	-4837 Jul 17 j 10:31	14°♌06'49	
	-4839 Jan 12 j 08:13	0°♎		evening set	-4837 Aug 04 j 00:43	8°♌22'02	
	-4839 Feb 05 j 18:29	0°♎		inferior conj	-4837 Aug 07 j 07:12	6°♌25'32	-8°47'13
morning set	-4839 Feb 10 j 03:18	5°♎21'33		minimum elong	-4837 Aug 07 j 03:13	6°♌31'31	8°46'44
	-4839 Mar 02 j 05:24	0°♎		min. Earth dist.	-4837 Aug 07 j 13:47	6°♌15'37	0.27141 AU
max. Earth dist.	-4839 Mar 18 j 17:32	20°♎15'01	1.73724 AU	morning rise	-4837 Aug 10 j 05:35	4°♌40'30	
					-4837 Aug 20 j 00:03	30°♎	
superior conj	-4839 Mar 19 j 07:18	20°♎57'13	-1°08'22	direct	-4837 Aug 28 j 01:22	28°♎40'30	
minimum elong	-4839 Mar 19 j 15:22	21°♎22'00	1°08'19		-4837 Sep 05 j 08:50	0°♎	
	-4839 Mar 26 j 16:14	0°♏		greatest brilliancy	-4837 Sep 07 j 21:53	0°♎53'17	-4.9m
	-4839 Apr 20 j 02:39	0°♏		asc. node	-4837 Oct 08 j 12:43	22°♎59'14	
asc. node	-4839 Apr 22 j 16:56	3°♏11'16			-4837 Oct 15 j 16:27	0°♎	
evening rise	-4839 Apr 24 j 07:48	5°♏10'38		morning max el	-4837 Oct 17 j 21:16	2°♎14'18	46°51'32
	-4839 May 14 j 12:35	0°♏			-4837 Nov 12 j 07:53	0°♎	
	-4839 Jun 07 j 22:23	0°♏			-4837 Dec 08 j 01:46	0°♎	
	-4839 Jul 02 j 09:09	0°♏			-4836 Jan 02 j 05:40	0°♎	
	-4839 Jul 26 j 22:54	0°♏			-4836 Jan 27 j 05:03	0°♎	
desc. node	-4839 Aug 12 j 14:41	20°♏10'24		desc. node	-4836 Jan 28 j 12:54	1°♎35'52	
	-4839 Aug 20 j 18:57	0°♏			-4836 Feb 21 j 02:10	0°♎	
	-4839 Sep 15 j 03:19	0°♏			-4836 Mar 16 j 20:45	0°♎	
	-4839 Oct 11 j 15:01	0°♏			-4836 Apr 10 j 12:06	0°♏	
evening max el	-4839 Oct 24 j 03:16	13°♏15'00	47°20'28	morning set	-4836 Apr 19 j 05:05	10°♏38'41	
	-4839 Nov 10 j 17:32	0°♏			-4836 May 04 j 23:43	0°♏	
asc. node	-4839 Dec 03 j 08:55	15°♏00'59		asc. node	-4836 May 20 j 05:26	18°♏46'21	
greatest brilliancy	-4839 Dec 03 j 09:36	15°♏01'40	-4.9m	max. Earth dist.	-4836 May 21 j 02:35	19°♏51'39	1.73134 AU
retrograde	-4839 Dec 14 j 04:45	17°♏15'58					
evening set	-4839 Dec 30 j 06:28	12°♏05'23		superior conj	-4836 May 24 j 22:27	24°♏35'28	0°11'02
min. Earth dist.	-4838 Jan 03 j 07:29	9°♏34'53	0.28208 AU	minimum elong	-4836 May 24 j 20:17	24°♏28'46	0°11'01
inferior conj	-4838 Jan 04 j 07:21	8°♏56'40	6°41'16	behind sun begin	-4836 May 24 j 04:11	23°♏39'00	
minimum elong	-4838 Jan 03 j 22:32	9°♏10'47	6°39'28	behind sun end	-4836 May 25 j 12:23	25°♏18'32	
morning rise	-4838 Jan 08 j 15:11	6°♏14'20			-4836 May 29 j 07:23	0°♏	
direct	-4838 Jan 25 j 06:13	0°♏50'00			-4836 Jun 22 j 11:26	0°♏	
greatest brilliancy	-4838 Feb 03 j 01:00	2°♏15'39	-4.8m	evening rise	-4836 Jun 29 j 18:26	9°♏04'54	
	-4838 Mar 14 j 05:40	0°♏			-4836 Jul 16 j 13:00	0°♏	
morning max el	-4838 Mar 15 j 00:43	0°♏45'14	45°53'53		-4836 Aug 09 j 13:58	0°♏	
desc. node	-4838 Mar 25 j 09:56	10°♏58'43			-4836 Sep 02 j 16:30	0°♏	
	-4838 Apr 12 j 12:25	0°♏		desc. node	-4836 Sep 09 j 02:59	7°♏59'00	
	-4838 May 09 j 08:42	0°♏			-4836 Sep 26 j 22:41	0°♏	
	-4838 Jun 04 j 01:17	0°♏			-4836 Oct 21 j 11:07	0°♏	
	-4838 Jun 28 j 23:50	0°♏			-4836 Nov 15 j 11:09	0°♏	
asc. node	-4838 Jul 16 j 04:01	21°♏03'54			-4836 Dec 11 j 12:21	0°♏	
	-4838 Jul 23 j 09:10	0°♏		asc. node	-4836 Dec 30 j 20:23	20°♏39'23	
	-4838 Aug 16 j 09:14	0°♏		evening max el	-4835 Jan 02 j 22:42	23°♏45'44	45°53'59
greatest brilliancy	-4838 Aug 26 j 07:10	12°♏28'58	-3.9m		-4835 Jan 09 j 09:47	0°♏	

Planetary Phenomena of Venus from -4900 through -4398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 14

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

greatest brilliancy	-4835 Feb 10 j 07:34	22° \approx 43'09	-4.7m	max. Earth dist.	-4833 Jul 30 j 07:03	27° Π 35'40	1.71411 AU
retrograde	-4835 Feb 21 j 05:06	24° \approx 53'14			-4833 Aug 01 j 04:59	0° Θ	
evening set	-4835 Mar 10 j 10:17	19° \approx 10'34					
inferior conj	-4835 Mar 14 j 15:37	16° \approx 32'41	7°08'22	superior conj	-4833 Aug 02 j 15:34	1° Θ 48'46	1°20'36
minimum elong	-4835 Mar 14 j 23:14	16° \approx 20'35	7°07'08	minimum elong	-4833 Aug 02 j 10:28	1° Θ 32'43	1°20'47
min. Earth dist.	-4835 Mar 15 j 01:48	16° \approx 16'32	0.29424 AU		-4833 Aug 25 j 00:42	0° Ω	
morning rise	-4835 Mar 19 j 12:13	13° \approx 32'05		evening rise	-4833 Sep 11 j 00:33	21° Ω 24'15	
direct	-4835 Apr 05 j 11:03	8° \approx 04'21			-4833 Sep 17 j 20:32	0° Π	
greatest brilliancy	-4835 Apr 15 j 15:58	9° \approx 57'11	-4.7m	desc. node	-4833 Oct 07 j 15:27	24° Π 50'02	
desc. node	-4835 Apr 21 j 21:00	12° \approx 39'37			-4833 Oct 11 j 18:31	0° $\underline{\Omega}$	
	-4835 May 15 j 18:06	0° X			-4833 Nov 04 j 19:55	0° Π	
morning max el	-4835 May 24 j 11:50	8° X 03'54	45°55'52		-4833 Nov 29 j 02:06	0° X	
	-4835 Jun 14 j 22:40	0° Υ			-4833 Dec 23 j 15:59	0° Z	
	-4835 Jul 11 j 16:50	0° B			-4832 Jan 17 j 19:42	0° \approx	
	-4835 Aug 05 j 23:50	0° Π		asc. node	-4832 Jan 28 j 08:08	12° \approx 13'30	
asc. node	-4835 Aug 12 j 16:07	8° Π 06'47			-4832 Feb 13 j 01:48	0° X	
	-4835 Aug 30 j 11:02	0° Θ			-4832 Mar 12 j 18:49	0° Υ	
	-4835 Sep 23 j 11:27	0° Ω		evening max el	-4832 Mar 14 j 19:00	1° Υ 55'29	45°04'55
	-4835 Oct 17 j 07:46	0° Π		greatest brilliancy	-4832 Apr 21 j 10:52	29° Υ 00'43	-4.7m
	-4835 Nov 10 j 04:41	0° $\underline{\Omega}$			-4832 Apr 24 j 16:01	0° B	
morning set	-4835 Nov 24 j 21:34	18° $\underline{\Omega}$ 24'27		retrograde	-4832 May 01 j 21:41	0° B 57'20	
desc. node	-4835 Dec 02 j 14:24	28° $\underline{\Omega}$ 01'20			-4832 May 08 j 22:13	30° R Υ	
	-4835 Dec 04 j 04:27	0° Π		evening set	-4832 May 16 j 18:23	26° Υ 47'52	
	-4835 Dec 28 j 07:28	0° X		desc. node	-4832 May 19 j 08:11	25° Υ 22'04	
				inferior conj	-4832 May 23 j 06:08	23° Υ 00'43	-0°54'47
superior conj	-4834 Jan 05 j 11:53	10° X 08'33	-1°07'20	minimum elong	-4832 May 23 j 04:07	23° Υ 03'49	0°54'06
minimum elong	-4834 Jan 05 j 01:44	9° X 37'09	1°07'16	min. Earth dist.	-4832 May 23 j 21:59	22° Υ 36'23	0.28454 AU
max. Earth dist.	-4834 Jan 09 j 02:37	14° X 37'03	1.72635 AU	morning rise	-4832 May 29 j 12:55	19° Υ 17'31	
	-4834 Jan 21 j 13:16	0° Z		direct	-4832 Jun 13 j 21:03	14° Υ 48'55	
evening rise	-4834 Feb 13 j 08:27	28° Z 05'42		greatest brilliancy	-4832 Jun 25 j 03:05	17° Υ 04'31	-4.8m
	-4834 Feb 14 j 21:39	0° \approx			-4832 Jul 15 j 20:49	0° B	
greatest brilliancy	-4834 Feb 23 j 17:59	10° \approx 51'48	-3.9m	morning max el	-4832 Aug 02 j 17:08	16° B 12'55	46°29'16
	-4834 Mar 11 j 09:00	0° X			-4832 Aug 16 j 00:29	0° Π	
asc. node	-4834 Mar 25 j 06:31	16° X 57'06		asc. node	-4832 Sep 09 j 03:41	27° Π 09'48	
	-4834 Apr 05 j 00:10	0° Υ			-4832 Sep 11 j 13:51	0° Θ	
	-4834 Apr 29 j 20:09	0° B			-4832 Oct 06 j 14:26	0° Ω	
	-4834 May 24 j 22:41	0° Π			-4832 Oct 31 j 00:04	0° Π	
	-4834 Jun 19 j 11:41	0° Θ			-4832 Nov 24 j 05:22	0° $\underline{\Omega}$	
desc. node	-4834 Jul 15 j 04:54	29° Θ 15'47			-4832 Dec 18 j 11:25	0° Π	
	-4834 Jul 15 j 20:50	0° Ω		desc. node	-4832 Dec 30 j 02:57	14° Π 21'56	
evening max el	-4834 Aug 10 j 23:57	27° Ω 41'53	47°21'23		-4831 Jan 11 j 19:42	0° X	
	-4834 Aug 13 j 07:49	0° Π			-4831 Feb 05 j 05:45	0° Z	
greatest brilliancy	-4834 Sep 21 j 02:37	28° Π 46'54	-4.9m	morning set	-4831 Feb 07 j 18:33	3° Z 06'37	
	-4834 Sep 25 j 14:25	0° $\underline{\Omega}$			-4831 Mar 01 j 16:30	0° \approx	
retrograde	-4834 Sep 30 j 14:25	0° $\underline{\Omega}$ 29'30		max. Earth dist.	-4831 Mar 16 j 12:49	18° \approx 13'04	1.73712 AU
	-4834 Oct 05 j 11:32	30° R Π					
evening set	-4834 Oct 15 j 17:51	25° Π 55'15		superior conj	-4831 Mar 17 j 01:34	18° \approx 52'11	-1°10'05
inferior conj	-4834 Oct 21 j 03:31	22° Π 41'42	-3°42'12	minimum elong	-4831 Mar 17 j 09:26	19° \approx 16'19	1°10'03
minimum elong	-4834 Oct 21 j 11:15	22° Π 29'49	3°39'51		-4831 Mar 26 j 03:15	0° X	
min. Earth dist.	-4834 Oct 20 j 21:44	22° Π 50'37	0.26439 AU		-4831 Apr 19 j 13:42	0° Υ	
morning rise	-4834 Oct 27 j 05:02	19° Π 08'20		asc. node	-4831 Apr 21 j 19:00	2° Υ 43'39	
asc. node	-4834 Nov 04 j 23:47	15° Π 42'38		evening rise	-4831 Apr 22 j 03:19	3° Υ 09'11	
direct	-4834 Nov 10 j 09:31	15° Π 06'18			-4831 May 13 j 23:48	0° B	
greatest brilliancy	-4834 Nov 20 j 05:44	16° Π 57'56	-4.9m		-4831 Jun 07 j 09:56	0° Π	
	-4834 Dec 11 j 06:29	0° $\underline{\Omega}$			-4831 Jul 01 j 21:11	0° Θ	
morning max el	-4834 Dec 30 j 09:49	17° $\underline{\Omega}$ 30'27	46°27'05		-4831 Jul 26 j 11:38	0° Ω	
	-4833 Jan 11 j 14:11	0° Π		desc. node	-4831 Aug 11 j 16:49	19° Ω 36'37	
	-4833 Feb 07 j 23:26	0° X			-4831 Aug 20 j 08:42	0° Π	
desc. node	-4833 Feb 25 j 00:41	19° X 25'48			-4831 Sep 14 j 18:46	0° $\underline{\Omega}$	
	-4833 Mar 06 j 04:09	0° Z			-4831 Oct 11 j 10:10	0° Π	
	-4833 Mar 31 j 18:14	0° \approx		evening max el	-4831 Oct 21 j 17:58	10° Π 52'41	47°22'40
	-4833 Apr 25 j 21:53	0° X			-4831 Nov 11 j 03:22	0° X	
	-4833 May 20 j 16:36	0° Υ		greatest brilliancy	-4831 Dec 01 j 02:09	12° X 43'45	-4.9m
	-4833 Jun 14 j 03:11	0° B		asc. node	-4831 Dec 02 j 11:08	13° X 14'39	
asc. node	-4833 Jun 17 j 17:56	4° B 28'10		retrograde	-4831 Dec 11 j 20:48	14° X 58'10	
morning set	-4833 Jun 26 j 07:57	15° B 06'59		evening set	-4831 Dec 27 j 19:25	9° X 51'43	
	-4833 Jul 08 j 06:41	0° Π		min. Earth dist.	-4831 Dec 31 j 22:37	7° X 18'28	0.28131 AU

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

inferior conj	-4830 Jan 01 j 23:00	6°♊39'33	6°29'04	superior conj	-4828 May 22 j 17:19	22°♎31'22	0°08'00
minimum elong	-4830 Jan 01 j 14:01	6°♊53'55	6°27'09	minimum elong	-4828 May 22 j 15:44	22°♎26'28	0°08'00
morning rise	-4830 Jan 06 j 09:11	3°♊54'03		behind sun begin	-4828 May 21 j 20:27	21°♎26'54	
	-4830 Jan 14 j 11:23	30°♎		behind sun end	-4828 May 23 j 11:01	23°♎26'03	
direct	-4830 Jan 22 j 20:34	28°♎33'54			-4828 May 28 j 18:25	0°♎	
greatest brilliancy	-4830 Jan 31 j 15:54	0°♊00'11	-4.8m		-4828 Jun 21 j 22:35	0°♎	
	-4830 Jan 31 j 15:40	0°♊		evening rise	-4828 Jun 27 j 12:18	6°♎56'12	
morning max el	-4830 Mar 12 j 16:10	28°♊32'35	45°54'37		-4828 Jul 16 j 00:19	0°♎	
	-4830 Mar 14 j 04:39	0°♎			-4828 Aug 09 j 01:32	0°♎	
desc. node	-4830 Mar 24 j 12:03	10°♎14'32			-4828 Sep 02 j 04:23	0°♎	
	-4830 Apr 12 j 04:31	0°♎		desc. node	-4828 Sep 08 j 05:02	7°♎28'14	
	-4830 May 08 j 22:19	0°♎			-4828 Sep 26 j 11:01	0°♎	
	-4830 Jun 03 j 13:43	0°♎			-4828 Oct 21 j 00:06	0°♎	
	-4830 Jun 28 j 11:39	0°♎			-4828 Nov 15 j 01:16	0°♎	
asc. node	-4830 Jul 15 j 06:18	20°♎35'10			-4828 Dec 11 j 05:00	0°♎	
	-4830 Jul 22 j 20:41	0°♎		asc. node	-4828 Dec 29 j 22:38	19°♎52'20	
	-4830 Aug 15 j 20:38	0°♎		evening max el	-4828 Dec 31 j 15:00	21°♎33'15	45°56'50
greatest brilliancy	-4830 Aug 25 j 20:33	12°♎35'21	-3.9m		-4827 Jan 09 j 10:55	0°♎	
morning set	-4830 Sep 06 j 06:54	27°♎01'08		greatest brilliancy	-4827 Feb 08 j 00:58	20°♎35'53	-4.7m
	-4830 Sep 08 j 15:31	0°♎		retrograde	-4827 Feb 18 j 22:20	22°♎45'40	
	-4830 Oct 02 j 09:13	0°♎		evening set	-4827 Mar 08 j 05:34	16°♎59'54	
				inferior conj	-4827 Mar 12 j 08:47	14°♎24'44	7°17'14
superior conj	-4830 Oct 17 j 04:18	18°♎39'33	0°40'13	minimum elong	-4827 Mar 12 j 16:02	14°♎13'11	7°16'08
minimum elong	-4830 Oct 17 j 14:07	19°♎10'27	0°39'52	min. Earth dist.	-4827 Mar 12 j 17:43	14°♎10'30	0.29423 AU
max. Earth dist.	-4830 Oct 21 j 10:05	23°♎59'56	1.71009 AU	morning rise	-4827 Mar 17 j 02:35	11°♎27'56	
	-4830 Oct 26 j 04:37	0°♎		direct	-4827 Apr 03 j 04:17	5°♎56'46	
desc. node	-4830 Nov 04 j 04:02	11°♎16'07		greatest brilliancy	-4827 Apr 13 j 06:39	7°♎47'21	-4.7m
	-4830 Nov 19 j 03:07	0°♎		desc. node	-4827 Apr 20 j 23:07	11°♎15'58	
evening rise	-4830 Nov 28 j 21:36	12°♎11'33			-4827 May 15 j 20:09	0°♎	
	-4830 Dec 13 j 05:10	0°♎		morning max el	-4827 May 22 j 03:45	5°♎53'29	45°55'02
	-4829 Jan 06 j 11:15	0°♎			-4827 Jun 14 j 15:26	0°♎	
	-4829 Jan 30 j 22:50	0°♎			-4827 Jul 11 j 06:47	0°♎	
asc. node	-4829 Feb 24 j 20:13	0°♎04'04			-4827 Aug 05 j 12:33	0°♎	
	-4829 Feb 24 j 18:52	0°♎		asc. node	-4827 Aug 11 j 18:09	7°♎34'48	
	-4829 Mar 22 j 03:46	0°♎			-4827 Aug 29 j 23:07	0°♎	
	-4829 Apr 17 j 09:06	0°♎			-4827 Sep 22 j 23:10	0°♎	
	-4829 May 15 j 05:34	0°♎			-4827 Oct 16 j 19:18	0°♎	
evening max el	-4829 May 26 j 15:29	11°♎20'43	45°49'30		-4827 Nov 09 j 16:03	0°♎	
desc. node	-4829 Jun 16 j 19:41	29°♎38'06		morning set	-4827 Nov 22 j 07:48	15°♎51'10	
	-4829 Jun 17 j 07:34	0°♎		desc. node	-4827 Dec 01 j 16:38	27°♎33'14	
greatest brilliancy	-4829 Jul 05 j 11:28	10°♎04'07	-4.8m		-4827 Dec 03 j 15:42	0°♎	
retrograde	-4829 Jul 14 j 23:35	11°♎42'33			-4827 Dec 27 j 18:36	0°♎	
evening set	-4829 Aug 01 j 10:11	6°♎02'19		superior conj	-4826 Jan 03 j 00:28	7°♎44'26	-1°05'08
inferior conj	-4829 Aug 04 j 20:00	4°♎00'50	-8°41'57	minimum elong	-4826 Jan 02 j 14:03	7°♎12'09	1°05'04
minimum elong	-4829 Aug 04 j 15:11	4°♎08'04	8°41'21	max. Earth dist.	-4826 Jan 06 j 21:02	12°♎31'04	1.72581 AU
min. Earth dist.	-4829 Aug 05 j 01:56	3°♎51'53	0.27181 AU		-4826 Jan 21 j 00:20	0°♎	
morning rise	-4829 Aug 07 j 20:04	2°♎13'22		evening rise	-4826 Feb 11 j 00:19	25°♎52'50	
	-4829 Aug 11 j 20:44	30°♎			-4826 Feb 14 j 08:44	0°♎	
direct	-4829 Aug 25 j 15:33	26°♎15'20		greatest brilliancy	-4826 Feb 23 j 00:28	10°♎37'41	-3.9m
greatest brilliancy	-4829 Sep 05 j 10:57	28°♎27'15	-4.9m		-4826 Mar 10 j 20:12	0°♎	
	-4829 Sep 08 j 23:18	0°♎		asc. node	-4826 Mar 24 j 08:34	16°♎28'58	
asc. node	-4829 Oct 07 j 14:52	21°♎59'56			-4826 Apr 04 j 11:38	0°♎	
morning max el	-4829 Oct 15 j 11:32	29°♎49'20	46°51'25		-4826 Apr 29 j 08:08	0°♎	
	-4829 Oct 15 j 15:42	0°♎			-4826 May 24 j 11:33	0°♎	
	-4829 Nov 12 j 00:41	0°♎			-4826 Jun 19 j 02:06	0°♎	
	-4829 Dec 07 j 16:10	0°♎		desc. node	-4826 Jul 14 j 07:02	28°♎34'00	
	-4828 Jan 01 j 18:49	0°♎			-4826 Jul 15 j 14:13	0°♎	
desc. node	-4828 Jan 26 j 17:24	0°♎		evening max el	-4826 Aug 08 j 13:03	25°♎15'39	47°19'04
	-4828 Jan 27 j 15:02	1°♎05'11			-4826 Aug 13 j 09:14	0°♎	
	-4828 Feb 20 j 13:56	0°♎		greatest brilliancy	-4826 Sep 18 j 17:03	26°♎18'52	-4.9m
	-4828 Mar 16 j 08:06	0°♎		retrograde	-4826 Sep 28 j 02:28	27°♎59'18	
	-4828 Apr 09 j 23:13	0°♎		evening set	-4826 Oct 13 j 09:01	23°♎22'18	
morning set	-4828 Apr 17 j 00:10	8°♎36'19		inferior conj	-4826 Oct 18 j 16:01	20°♎12'42	-4°04'12
	-4828 May 04 j 10:44	0°♎		minimum elong	-4826 Oct 19 j 00:22	19°♎59'52	4°01'43
max. Earth dist.	-4828 May 18 j 23:06	17°♎52'48	1.73178 AU	min. Earth dist.	-4826 Oct 18 j 11:43	20°♎19'20	0.26423 AU
asc. node	-4828 May 19 j 07:38	18°♎19'10		morning rise	-4826 Oct 24 j 15:59	16°♎41'13	

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

asc. node	-4826 Nov 04 j 02:00	12° \cap 55'42			-4823 Jun 06 j 21:16	0° \cap	
direct	-4826 Nov 07 j 21:29	12° \cap 37'43			-4823 Jul 01 j 09:00	0° \ominus	
greatest brilliancy	-4826 Nov 17 j 19:47	14° \cap 30'46	-4.9m		-4823 Jul 26 j 00:07	0° Ω	
	-4826 Dec 11 j 17:43	0° $\underline{\Omega}$		desc. node	-4823 Aug 10 j 18:51	19° Ω 03'21	
morning max el	-4826 Dec 27 j 22:06	15° $\underline{\Omega}$ 03'53	46°28'24		-4823 Aug 19 j 22:12	0° \cap	
	-4825 Jan 11 j 09:18	0° \cap			-4823 Sep 14 j 10:04	0° $\underline{\Omega}$	
	-4825 Feb 07 j 14:25	0° \nearrow			-4823 Oct 11 j 05:28	0° \cap	
desc. node	-4825 Feb 24 j 02:46	18° \nearrow 52'19		evening max el	-4823 Oct 19 j 09:24	8° \cap 33'12	47°24'42
	-4825 Mar 05 j 17:18	0° $\overline{\Omega}$			-4823 Nov 11 j 16:03	0° \nearrow	
	-4825 Mar 31 j 06:23	0° \approx		greatest brilliancy	-4823 Nov 28 j 18:10	10° \nearrow 25'39	-4.9m
	-4825 Apr 25 j 09:26	0° \times		asc. node	-4823 Dec 01 j 13:25	11° \nearrow 24'47	
	-4825 May 20 j 03:48	0° Υ		retrograde	-4823 Dec 09 j 13:10	12° \nearrow 40'34	
	-4825 Jun 13 j 14:11	0° \times		evening set	-4823 Dec 25 j 08:13	7° \nearrow 38'10	
asc. node	-4825 Jun 16 j 20:08	4° \times 00'58		min. Earth dist.	-4823 Dec 29 j 13:21	5° \nearrow 02'26	0.28053 AU
morning set	-4825 Jun 24 j 00:59	12° \times 56'44		inferior conj	-4823 Dec 30 j 14:26	4° \nearrow 22'30	6°16'04
	-4825 Jul 07 j 17:38	0° \cap		minimum elong	-4823 Dec 30 j 05:18	4° \nearrow 37'02	6°14'03
max. Earth dist.	-4825 Jul 27 j 19:29	25° \cap 09'21	1.71470 AU	morning rise	-4822 Jan 04 j 03:02	1° \nearrow 33'54	
					-4822 Jan 06 j 22:13	30° \times \cap	
superior conj	-4825 Jul 31 j 06:28	29° \cap 30'04	1°19'34	direct	-4822 Jan 20 j 11:10	26° \cap 18'00	
minimum elong	-4825 Jul 31 j 00:43	29° \cap 12'01	1°19'44	greatest brilliancy	-4822 Jan 29 j 06:08	27° \cap 44'29	-4.8m
	-4825 Jul 31 j 15:59	0° \ominus			-4822 Feb 03 j 22:31	0° \nearrow	
	-4825 Aug 24 j 11:50	0° Ω		morning max el	-4822 Mar 10 j 08:08	26° \nearrow 22'09	45°55'25
evening rise	-4825 Sep 08 j 11:04	18° Ω 51'01			-4822 Mar 14 j 02:20	0° $\overline{\Omega}$	
	-4825 Sep 17 j 07:49	0° \cap		desc. node	-4822 Mar 23 j 14:10	9° $\overline{\Omega}$ 31'58	
desc. node	-4825 Oct 06 j 17:33	24° \cap 21'00			-4822 Apr 11 j 19:56	0° \approx	
	-4825 Oct 11 j 05:56	0° $\underline{\Omega}$			-4822 May 08 j 11:28	0° \times	
	-4825 Nov 04 j 07:28	0° \cap			-4822 Jun 03 j 01:46	0° Υ	
	-4825 Nov 28 j 13:54	0° \nearrow			-4822 Jun 27 j 23:09	0° \times	
	-4825 Dec 23 j 04:15	0° $\overline{\Omega}$		asc. node	-4822 Jul 14 j 08:19	20° \times 06'28	
	-4824 Jan 17 j 08:56	0° \approx			-4822 Jul 22 j 07:55	0° \cap	
asc. node	-4824 Jan 27 j 10:11	11° \approx 39'30			-4822 Aug 15 j 07:44	0° \ominus	
	-4824 Feb 12 j 17:15	0° \times		greatest brilliancy	-4822 Aug 25 j 06:58	12° \ominus 33'21	-3.9m
evening max el	-4824 Mar 12 j 09:35	29° \times 42'24	45°05'03	morning set	-4822 Sep 03 j 18:59	24° \ominus 32'51	
	-4824 Mar 12 j 16:59	0° Υ			-4822 Sep 08 j 02:34	0° Ω	
greatest brilliancy	-4824 Apr 19 j 01:29	26° Υ 49'22	-4.7m		-4822 Oct 01 j 20:15	0° \cap	
retrograde	-4824 Apr 29 j 13:06	28° Υ 47'00					
evening set	-4824 May 14 j 10:13	24° Υ 36'05		superior conj	-4822 Oct 14 j 13:06	16° \cap 01'17	0°43'42
desc. node	-4824 May 18 j 10:29	22° Υ 19'24		minimum elong	-4822 Oct 14 j 23:28	16° \cap 33'54	0°43'21
inferior conj	-4824 May 20 j 21:39	20° Υ 49'25	-0°34'30	max. Earth dist.	-4822 Oct 18 j 17:37	21° \cap 17'48	1.70980 AU
minimum elong	-4824 May 20 j 20:23	20° Υ 51'23	0°34'04		-4822 Oct 25 j 15:40	0° $\underline{\Omega}$	
min. Earth dist.	-4824 May 21 j 14:09	20° Υ 24'07	0.28503 AU	desc. node	-4822 Nov 03 j 06:13	10° $\underline{\Omega}$ 48'16	
morning rise	-4824 May 27 j 05:37	17° Υ 04'38			-4822 Nov 18 j 14:13	0° \cap	
direct	-4824 Jun 11 j 12:43	12° Υ 36'29		evening rise	-4822 Nov 26 j 07:13	9° \cap 37'22	
greatest brilliancy	-4824 Jun 22 j 19:41	14° Υ 52'59	-4.8m		-4822 Dec 12 j 16:18	0° \nearrow	
	-4824 Jul 16 j 05:21	0° \times			-4821 Jan 05 j 22:27	0° $\overline{\Omega}$	
morning max el	-4824 Jul 31 j 08:33	13° \times 57'06	46°28'03		-4821 Jan 30 j 10:14	0° \approx	
	-4824 Aug 15 j 18:38	0° \cap		asc. node	-4821 Feb 23 j 22:22	29° \approx 34'56	
asc. node	-4824 Sep 08 j 05:50	26° \cap 32'38			-4821 Feb 24 j 06:45	0° \times	
	-4824 Sep 11 j 04:30	0° \ominus			-4821 Mar 21 j 16:39	0° Υ	
	-4824 Oct 06 j 03:36	0° Ω			-4821 Apr 17 j 00:01	0° \times	
	-4824 Oct 30 j 12:27	0° \cap			-4821 May 15 j 01:28	0° \cap	
	-4824 Nov 23 j 17:14	0° $\underline{\Omega}$		evening max el	-4821 May 24 j 06:05	9° \cap 04'21	45°46'32
	-4824 Dec 17 j 22:54	0° \cap		desc. node	-4821 Jun 15 j 21:44	28° \cap 23'51	
desc. node	-4824 Dec 29 j 05:01	13° \cap 53'19			-4821 Jun 18 j 04:54	0° \ominus	
	-4823 Jan 11 j 06:54	0° \nearrow		greatest brilliancy	-4821 Jul 02 j 22:24	7° \ominus 39'32	-4.8m
	-4823 Feb 04 j 16:42	0° $\overline{\Omega}$		retrograde	-4821 Jul 12 j 12:08	9° \ominus 18'37	
morning set	-4823 Feb 05 j 09:46	0° $\overline{\Omega}$ 52'26		evening set	-4821 Jul 29 j 19:15	3° \ominus 43'44	
	-4823 Mar 01 j 03:17	0° \approx		inferior conj	-4821 Aug 02 j 08:41	1° \ominus 36'45	-8°35'40
				minimum elong	-4821 Aug 02 j 03:04	1° \ominus 45'14	8°34'58
superior conj	-4823 Mar 14 j 19:49	16° \approx 48'01	-1°11'41	min. Earth dist.	-4821 Aug 02 j 14:18	1° \ominus 28'17	0.27221 AU
minimum elong	-4823 Mar 15 j 03:26	17° \approx 11'25	1°11'42	morning rise	-4821 Aug 05 j 10:46	29° \cap 46'11	
max. Earth dist.	-4823 Mar 14 j 09:28	16° \approx 16'17	1.73703 AU		-4821 Aug 05 j 01:20	30° \times \cap	
	-4823 Mar 25 j 13:59	0° \times		direct	-4821 Aug 23 j 05:26	23° \cap 50'45	
	-4823 Apr 19 j 00:29	0° Υ		greatest brilliancy	-4821 Sep 03 j 00:05	26° \cap 01'42	-4.9m
evening rise	-4823 Apr 19 j 22:48	1° Υ 08'32			-4821 Sep 10 j 23:17	0° \ominus	
asc. node	-4823 Apr 20 j 21:12	2° Υ 17'15		asc. node	-4821 Oct 06 j 17:05	21° \ominus 02'39	
	-4823 May 13 j 10:47	0° \times		morning max el	-4821 Oct 13 j 00:55	27° \ominus 22'48	46°51'21

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

	-4821 Oct 15 j 13:46	0°♌			-4818 Apr 28 j 20:00	0°♋		
	-4821 Nov 11 j 16:54	0°♍			-4818 May 24 j 00:21	0°♊		
	-4821 Dec 07 j 06:07	0°♎			-4818 Jun 18 j 16:28	0°♏		
	-4820 Jan 01 j 07:33	0°♍		desc. node	-4818 Jul 13 j 09:05	27°♏52'07		
	-4820 Jan 26 j 05:21	0°♌			-4818 Jul 15 j 07:44	0°♌		
desc. node	-4820 Jan 26 j 17:02	0°♌35'12		evening max el	-4818 Aug 06 j 01:07	22°♌47'30	47°16'36	
	-4820 Feb 20 j 01:21	0°♎			-4818 Aug 13 j 11:48	0°♍		
	-4820 Mar 15 j 19:09	0°♏		greatest brilliancy	-4818 Sep 16 j 07:13	23°♍50'29	-4.9m	
	-4820 Apr 09 j 10:01	0°♏		retrograde	-4818 Sep 25 j 14:09	25°♍29'01		
morning set	-4820 Apr 14 j 19:20	6°♏35'15		evening set	-4818 Oct 11 j 00:03	20°♍48'36		
	-4820 May 03 j 21:26	0°♍		inferior conj	-4818 Oct 16 j 04:19	17°♍43'20	-4°25'48	
max. Earth dist.	-4820 May 16 j 18:50	15°♍52'41	1.73221 AU	minimum elong	-4818 Oct 16 j 13:13	17°♍29'40	4°23'13	
asc. node	-4820 May 18 j 09:49	17°♍52'57		min. Earth dist.	-4818 Oct 16 j 01:34	17°♍47'33	0.26417 AU	
				morning rise	-4818 Oct 22 j 02:31	14°♍14'11		
superior conj	-4820 May 20 j 12:20	20°♍28'51	0°04'58	asc. node	-4818 Nov 03 j 04:13	10°♍14'19		
minimum elong	-4820 May 20 j 11:21	20°♍25'49	0°05'00	direct	-4818 Nov 05 j 09:07	10°♍08'20		
behind sun begin	-4820 May 19 j 14:14	19°♍20'38		greatest brilliancy	-4818 Nov 15 j 10:01	12°♍03'26	-4.9m	
behind sun end	-4820 May 21 j 08:28	21°♍31'01			-4818 Dec 12 j 02:09	0°♎		
	-4820 May 28 j 05:08	0°♋		morning max el	-4818 Dec 25 j 10:52	12°♎38'06	46°29'46	
	-4820 Jun 21 j 09:24	0°♊			-4817 Jan 11 j 03:59	0°♍		
evening rise	-4820 Jun 25 j 06:19	4°♊49'01			-4817 Feb 07 j 05:15	0°♌		
	-4820 Jul 15 j 11:22	0°♏		desc. node	-4817 Feb 23 j 04:57	18°♌19'24		
	-4820 Aug 08 j 12:53	0°♌			-4817 Mar 05 j 06:20	0°♎		
	-4820 Sep 01 j 16:07	0°♍			-4817 Mar 30 j 18:25	0°♏		
desc. node	-4820 Sep 07 j 07:10	6°♍58'17			-4817 Apr 24 j 20:54	0°♏		
	-4820 Sep 25 j 23:12	0°♎			-4817 May 19 j 14:56	0°♍		
	-4820 Oct 20 j 12:56	0°♍			-4817 Jun 13 j 01:09	0°♋		
	-4820 Nov 14 j 15:15	0°♌		asc. node	-4817 Jun 15 j 22:09	3°♋33'17		
	-4820 Dec 10 j 21:39	0°♎		morning set	-4817 Jun 21 j 18:15	10°♋47'23		
asc. node	-4820 Dec 29 j 00:39	19°♎04'43			-4817 Jul 07 j 04:33	0°♊		
evening max el	-4820 Dec 29 j 06:20	19°♎18'52	45°59'45	max. Earth dist.	-4817 Jul 25 j 09:34	22°♊48'22	1.71525 AU	
	-4819 Jan 09 j 13:05	0°♏						
greatest brilliancy	-4819 Feb 05 j 18:45	18°♏29'34	-4.7m	superior conj	-4817 Jul 28 j 21:43	27°♊12'40	1°18'25	
retrograde	-4819 Feb 16 j 15:07	20°♏38'42		minimum elong	-4817 Jul 28 j 15:24	26°♊52'49	1°18'34	
evening set	-4819 Mar 06 j 00:40	14°♏49'58			-4817 Jul 31 j 02:58	0°♏		
inferior conj	-4819 Mar 10 j 01:55	12°♏17'28	7°25'32		-4817 Aug 23 j 22:55	0°♌		
minimum elong	-4819 Mar 10 j 08:45	12°♏06'35	7°24'33	evening rise	-4817 Sep 05 j 22:07	16°♌19'41		
min. Earth dist.	-4819 Mar 10 j 09:54	12°♏04'43	0.29419 AU		-4817 Sep 16 j 19:03	0°♍		
morning rise	-4819 Mar 14 j 16:53	9°♏24'25		desc. node	-4817 Oct 05 j 19:44	23°♍52'20		
direct	-4819 Mar 31 j 20:55	3°♏49'43			-4817 Oct 10 j 17:19	0°♎		
greatest brilliancy	-4819 Apr 10 j 21:45	5°♏38'34	-4.7m		-4817 Nov 03 j 19:04	0°♍		
desc. node	-4819 Apr 20 j 01:20	9°♏55'40			-4817 Nov 28 j 01:47	0°♌		
	-4819 May 15 j 20:36	0°♏			-4817 Dec 22 j 16:39	0°♎		
morning max el	-4819 May 19 j 19:05	3°♏42'26	45°54'24		-4816 Jan 16 j 22:22	0°♏		
	-4819 Jun 14 j 07:35	0°♍		asc. node	-4816 Jan 26 j 12:22	11°♏05'23		
	-4819 Jul 10 j 20:21	0°♋			-4816 Feb 12 j 09:03	0°♏		
	-4819 Aug 05 j 00:56	0°♊		evening max el	-4816 Mar 10 j 00:54	27°♏30'58	45°05'28	
asc. node	-4819 Aug 10 j 20:19	7°♊04'05			-4816 Mar 12 j 16:12	0°♍		
	-4819 Aug 29 j 10:56	0°♏		greatest brilliancy	-4816 Apr 16 j 15:40	24°♍37'34	-4.7m	
	-4819 Sep 22 j 10:42	0°♌		retrograde	-4816 Apr 27 j 04:55	26°♍36'32		
	-4819 Oct 16 j 06:40	0°♍		evening set	-4816 May 12 j 02:16	22°♍24'03		
	-4819 Nov 09 j 03:18	0°♎		desc. node	-4816 May 17 j 12:33	19°♍15'32		
morning set	-4819 Nov 19 j 17:29	13°♎16'25		inferior conj	-4816 May 18 j 13:10	18°♍37'51	-0°14'20	
desc. node	-4819 Nov 30 j 18:42	27°♎04'59		minimum elong	-4816 May 18 j 12:38	18°♍38'40	0°14'07	
	-4819 Dec 03 j 02:49	0°♍		transit middle	-4816 May 18 j 12:38	18°♍38'40	0°14'07	
	-4819 Dec 27 j 05:35	0°♌		transit begin	-4816 May 18 j 10:37	18°♍41'46		
				transit end	-4816 May 18 j 14:39	18°♍35'34		
superior conj	-4819 Dec 31 j 12:33	5°♌19'11	-1°02'49	min. Earth dist.	-4816 May 19 j 05:57	18°♍12'05	0.28552 AU	
minimum elong	-4819 Dec 31 j 01:54	4°♌46'12	1°02'42	morning rise	-4816 May 24 j 22:09	14°♍51'48		
max. Earth dist.	-4818 Jan 04 j 13:46	10°♌20'21	1.72520 AU	direct	-4816 Jun 09 j 04:53	10°♍23'52		
	-4818 Jan 20 j 11:15	0°♎		greatest brilliancy	-4816 Jun 20 j 11:42	12°♍40'37	-4.8m	
evening rise	-4818 Feb 08 j 15:50	23°♎39'19			-4816 Jul 16 j 11:40	0°♋		
	-4818 Feb 13 j 19:39	0°♏		morning max el	-4816 Jul 29 j 00:55	11°♋43'35	46°26'53	
greatest brilliancy	-4818 Feb 22 j 12:58	10°♏42'29	-3.9m		-4816 Aug 15 j 12:29	0°♊		
	-4818 Mar 10 j 07:15	0°♏		asc. node	-4816 Sep 07 j 08:02	25°♊55'37		
asc. node	-4818 Mar 23 j 10:47	16°♏01'44			-4816 Sep 10 j 19:04	0°♏		
	-4818 Apr 03 j 22:58	0°♍			-4816 Oct 05 j 16:44	0°♌		

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

	-4816 Oct 30 j 00:49	0°♎			-4813 May 14 j 22:22	0°♊	
	-4816 Nov 23 j 05:07	0°♏		evening max el	-4813 May 21 j 20:18	6°♊46'22	45°43'41
	-4816 Dec 17 j 10:28	0°♌		desc. node	-4813 Jun 14 j 23:49	27°♊06'41	
desc. node	-4816 Dec 28 j 07:02	13°♌24'14			-4813 Jun 19 j 10:31	0°♋	
	-4815 Jan 10 j 18:13	0°♈		greatest brilliancy	-4813 Jun 30 j 10:04	5°♋15'22	-4.8m
morning set	-4815 Feb 03 j 00:36	28°♈36'24		retrograde	-4813 Jul 10 j 00:08	6°♋54'30	
	-4815 Feb 04 j 03:49	0°♉		evening set	-4813 Jul 27 j 04:16	1°♋25'19	
	-4815 Feb 28 j 14:15	0°♊			-4813 Jul 29 j 14:08	30°♋♊	
				inferior conj	-4813 Jul 30 j 21:33	29°♊12'36	-8°28'33
superior conj	-4815 Mar 12 j 13:40	14°♊42'04	-1°13'13	minimum elong	-4813 Jul 30 j 15:09	29°♊22'17	8°27'41
minimum elong	-4815 Mar 12 j 21:00	15°♊04'35	1°13'15	min. Earth dist.	-4813 Jul 31 j 03:13	29°♊04'03	0.27263 AU
max. Earth dist.	-4815 Mar 12 j 07:04	14°♊21'47	1.73690 AU	morning rise	-4813 Aug 03 j 01:53	27°♊18'28	
	-4815 Mar 25 j 00:51	0°♋		direct	-4813 Aug 20 j 19:06	21°♊25'55	
evening rise	-4815 Apr 17 j 18:03	29°♋06'42		greatest brilliancy	-4813 Aug 31 j 13:59	23°♊36'30	-4.9m
	-4815 Apr 18 j 11:25	0°♌			-4813 Sep 12 j 07:58	0°♋	
asc. node	-4815 Apr 19 j 23:19	1°♌50'08		asc. node	-4813 Oct 05 j 19:15	20°♋05'32	
	-4815 May 12 j 21:57	0°♍		morning max el	-4813 Oct 10 j 13:31	24°♋53'20	46°51'14
	-4815 Jun 06 j 08:48	0°♊			-4813 Oct 15 j 11:23	0°♌	
	-4815 Jun 30 j 21:03	0°♋			-4813 Nov 11 j 09:11	0°♎	
	-4815 Jul 25 j 12:52	0°♌			-4813 Dec 06 j 20:14	0°♏	
desc. node	-4815 Aug 09 j 21:03	18°♌29'49			-4813 Dec 31 j 20:28	0°♌	
	-4815 Aug 19 j 12:01	0°♎		desc. node	-4812 Jan 25 j 19:17	0°♈05'22	
	-4815 Sep 14 j 01:44	0°♏			-4812 Jan 25 j 17:30	0°♈	
	-4815 Oct 11 j 01:26	0°♌			-4812 Feb 19 j 12:57	0°♉	
evening max el	-4815 Oct 17 j 01:50	6°♌16'01	47°26'41		-4812 Mar 15 j 06:24	0°♊	
	-4815 Nov 12 j 09:08	0°♈			-4812 Apr 08 j 21:05	0°♋	
greatest brilliancy	-4815 Nov 26 j 10:03	8°♈07'10	-4.9m	morning set	-4812 Apr 12 j 14:30	4°♋33'18	
asc. node	-4815 Nov 30 j 15:24	9°♈30'15			-4812 May 03 j 08:25	0°♌	
retrograde	-4815 Dec 07 j 05:47	10°♈22'27		max. Earth dist.	-4812 May 14 j 13:46	13°♌49'14	1.73266 AU
evening set	-4815 Dec 22 j 21:12	5°♈24'09		asc. node	-4812 May 17 j 11:49	17°♌25'16	
min. Earth dist.	-4815 Dec 27 j 04:02	2°♈46'04	0.27976 AU				
inferior conj	-4815 Dec 28 j 05:53	2°♈04'57	6°02'29	superior conj	-4812 May 18 j 07:23	18°♌25'36	0°01'56
minimum elong	-4815 Dec 27 j 20:42	2°♈19'33	6°00'22	minimum elong	-4812 May 18 j 06:59	18°♌24'24	0°01'58
	-4815 Dec 31 j 13:39	30°♋♌		behind sun begin	-4812 May 17 j 09:06	17°♌16'51	
morning rise	-4814 Jan 01 j 20:57	29°♌13'09		behind sun end	-4812 May 19 j 04:53	19°♌31'58	
direct	-4814 Jan 18 j 02:14	24°♌01'48			-4812 May 27 j 16:08	0°♍	
greatest brilliancy	-4814 Jan 26 j 20:07	25°♌27'53	-4.8m		-4812 Jun 20 j 20:32	0°♊	
	-4814 Feb 05 j 20:06	0°♈		evening rise	-4812 Jun 23 j 00:23	2°♊41'11	
morning max el	-4814 Mar 08 j 00:16	24°♈11'22	45°56'04		-4812 Jul 14 j 22:43	0°♋	
	-4814 Mar 13 j 23:31	0°♉			-4812 Aug 08 j 00:32	0°♌	
desc. node	-4814 Mar 22 j 16:22	8°♉49'23			-4812 Sep 01 j 04:10	0°♎	
	-4814 Apr 11 j 11:26	0°♊		desc. node	-4812 Sep 06 j 09:19	6°♎27'20	
	-4814 May 08 j 00:46	0°♋			-4812 Sep 25 j 11:45	0°♏	
	-4814 Jun 02 j 14:01	0°♌			-4812 Oct 20 j 02:10	0°♌	
	-4814 Jun 27 j 10:51	0°♍			-4812 Nov 14 j 05:43	0°♈	
asc. node	-4814 Jul 13 j 10:27	19°♍37'33			-4812 Dec 10 j 14:57	0°♉	
	-4814 Jul 21 j 19:21	0°♊		evening max el	-4812 Dec 26 j 21:02	17°♉02'03	46°02'53
	-4814 Aug 14 j 19:04	0°♋		asc. node	-4812 Dec 28 j 02:54	18°♉16'12	
greatest brilliancy	-4814 Aug 24 j 12:04	12°♋13'45	-3.9m		-4811 Jan 09 j 17:07	0°♊	
morning set	-4814 Sep 01 j 07:12	22°♋04'10		greatest brilliancy	-4811 Feb 03 j 12:35	16°♊22'52	-4.8m
	-4814 Sep 07 j 13:52	0°♌		retrograde	-4811 Feb 14 j 08:00	18°♊31'49	
	-4814 Oct 01 j 07:33	0°♎		evening set	-4811 Mar 03 j 19:51	12°♊40'04	
				inferior conj	-4811 Mar 07 j 19:18	10°♊10'15	7°33'13
superior conj	-4814 Oct 11 j 22:15	13°♎23'12	0°47'04	minimum elong	-4811 Mar 08 j 01:39	10°♊00'04	7°32'20
minimum elong	-4814 Oct 12 j 09:03	13°♎57'13	0°46'43	min. Earth dist.	-4811 Mar 08 j 02:30	9°♊58'43	0.29413 AU
max. Earth dist.	-4814 Oct 16 j 00:52	18°♎33'51	1.70947 AU	morning rise	-4811 Mar 12 j 07:30	7°♊20'58	
	-4814 Oct 25 j 02:58	0°♏		direct	-4811 Mar 29 j 13:24	1°♊42'35	
desc. node	-4814 Nov 02 j 08:16	10°♏19'17		greatest brilliancy	-4811 Apr 08 j 13:36	3°♊30'26	-4.7m
	-4814 Nov 18 j 01:31	0°♌		desc. node	-4811 Apr 19 j 03:26	8°♊37'18	
evening rise	-4814 Nov 23 j 16:56	7°♌02'45			-4811 May 15 j 20:12	0°♋	
	-4814 Dec 12 j 03:37	0°♈		morning max el	-4811 May 17 j 10:35	1°♋31'09	45°53'42
	-4813 Jan 05 j 09:50	0°♉			-4811 Jun 13 j 23:46	0°♌	
	-4813 Jan 29 j 21:53	0°♊			-4811 Jul 10 j 10:05	0°♍	
asc. node	-4813 Feb 23 j 00:32	29°♊05'05			-4811 Aug 04 j 13:34	0°♊	
	-4813 Feb 23 j 18:56	0°♋		asc. node	-4811 Aug 09 j 22:33	6°♊32'48	
	-4813 Mar 21 j 05:54	0°♌			-4811 Aug 28 j 23:00	0°♋	
	-4813 Apr 16 j 15:27	0°♍			-4811 Sep 21 j 22:28	0°♌	

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

	-4811 Oct 15 j 18:17	0°♎	evening set	-4808 May 09 j 18:45	20°♑12'42	
	-4811 Nov 08 j 14:48	0°♏	inferior conj	-4808 May 16 j 04:54	16°♑26'59	0°05'39
morning set	-4811 Nov 17 j 03:03	10°♏40'13	minimum elong	-4808 May 16 j 05:06	16°♑26'39	0°05'39
desc. node	-4811 Nov 29 j 20:42	26°♏35'40	transit middle	-4808 May 16 j 05:06	16°♑26'39	0°05'39
	-4811 Dec 02 j 14:12	0°♐	transit begin	-4808 May 16 j 01:16	16°♑32'33	
	-4811 Dec 26 j 16:52	0°♑	transit end	-4808 May 16 j 08:56	16°♑20'46	
			desc. node	-4808 May 16 j 14:37	16°♑12'03	
superior conj	-4811 Dec 29 j 00:30	2°♑52'33 -1°00'21	min. Earth dist.	-4808 May 16 j 21:43	16°♑01'08	0.28598 AU
minimum elong	-4811 Dec 28 j 13:42	2°♑19'03 1°00'12	morning rise	-4808 May 22 j 14:43	12°♑39'47	
max. Earth dist.	-4810 Jan 02 j 03:29	7°♑59'19 1.72456 AU	direct	-4808 Jun 06 j 21:33	8°♑12'15	
	-4810 Jan 19 j 22:26	0°♒	greatest brilliancy	-4808 Jun 18 j 03:12	10°♑28'16	-4.8m
evening rise	-4810 Feb 06 j 07:19	21°♒24'57		-4808 Jul 16 j 15:53	0°♓	
	-4810 Feb 13 j 06:49	0°♓	morning max el	-4808 Jul 26 j 17:20	9°♓30'33	46°25'27
greatest brilliancy	-4810 Feb 22 j 05:17	10°♓58'16 -3.9m		-4808 Aug 15 j 05:58	0°♐	
	-4810 Mar 09 j 18:31	0°♐	asc. node	-4808 Sep 06 j 10:08	25°♐18'25	
asc. node	-4810 Mar 22 j 12:55	15°♐33'35		-4808 Sep 10 j 09:33	0°♑	
	-4810 Apr 03 j 10:32	0°♑		-4808 Oct 05 j 05:55	0°♒	
	-4810 Apr 28 j 08:08	0°♓		-4808 Oct 29 j 13:16	0°♎	
	-4810 May 23 j 13:27	0°♐		-4808 Nov 22 j 17:06	0°♏	
	-4810 Jun 18 j 07:17	0°♑		-4808 Dec 16 j 22:07	0°♐	
desc. node	-4810 Jul 12 j 11:19	27°♑09'19	desc. node	-4808 Dec 27 j 09:16	12°♐55'37	
	-4810 Jul 15 j 01:59	0°♒		-4807 Jan 10 j 05:35	0°♑	
evening max el	-4810 Aug 03 j 13:13	20°♒18'45 47°14'07	morning set	-4807 Jan 31 j 15:02	26°♑18'59	
	-4810 Aug 13 j 16:21	0°♎		-4807 Feb 03 j 14:58	0°♒	
greatest brilliancy	-4810 Sep 13 j 20:55	21°♎20'44 -4.9m		-4807 Feb 28 j 01:14	0°♓	
retrograde	-4810 Sep 23 j 02:09	22°♎58'07				
evening set	-4810 Oct 08 j 15:08	18°♎13'42	superior conj	-4807 Mar 10 j 07:19	12°♓35'14 -1°14'40	
inferior conj	-4810 Oct 13 j 16:33	15°♎13'03 -4°46'55	minimum elong	-4807 Mar 10 j 14:18	12°♓56'41 1°14'43	
minimum elong	-4810 Oct 14 j 01:57	14°♎58'39 4°44'15	max. Earth dist.	-4807 Mar 10 j 05:36	12°♓29'58 1.73674 AU	
min. Earth dist.	-4810 Oct 13 j 15:09	15°♎15'11 0.26416 AU		-4807 Mar 24 j 11:47	0°♐	
morning rise	-4810 Oct 19 j 12:49	11°♎46'49	evening rise	-4807 Apr 15 j 13:17	27°♐04'44	
asc. node	-4810 Nov 02 j 06:18	7°♎38'21		-4807 Apr 17 j 22:24	0°♑	
direct	-4810 Nov 02 j 20:57	7°♎37'53	asc. node	-4807 Apr 19 j 01:22	1°♑22'43	
greatest brilliancy	-4810 Nov 13 j 00:03	9°♎35'07 -4.9m		-4807 May 12 j 09:07	0°♓	
	-4810 Dec 12 j 08:31	0°♏		-4807 Jun 05 j 20:17	0°♐	
morning max el	-4810 Dec 23 j 00:39	10°♏13'56 46°31'07		-4807 Jun 30 j 09:02	0°♑	
	-4809 Jan 10 j 22:27	0°♐		-4807 Jul 25 j 01:36	0°♒	
	-4809 Feb 06 j 20:07	0°♑	desc. node	-4807 Aug 08 j 23:10	17°♒56'00	
desc. node	-4809 Feb 22 j 07:03	17°♑45'44		-4807 Aug 19 j 01:54	0°♎	
	-4809 Mar 04 j 19:29	0°♒		-4807 Sep 13 j 17:40	0°♏	
	-4809 Mar 30 j 06:36	0°♓		-4807 Oct 10 j 22:10	0°♐	
	-4809 Apr 24 j 08:28	0°♐	evening max el	-4807 Oct 14 j 18:37	3°♐59'15 47°28'21	
	-4809 May 19 j 02:09	0°♑		-4807 Nov 13 j 08:40	0°♑	
	-4809 Jun 12 j 12:13	0°♓	greatest brilliancy	-4807 Nov 24 j 02:07	5°♑47'52 -4.9m	
asc. node	-4809 Jun 15 j 00:20	3°♓05'50	asc. node	-4807 Nov 29 j 17:39	7°♑30'20	
morning set	-4809 Jun 19 j 11:52	8°♓38'48	retrograde	-4807 Dec 04 j 21:56	8°♑02'41	
	-4809 Jul 06 j 15:37	0°♐	evening set	-4807 Dec 20 j 09:59	3°♑08'50	
max. Earth dist.	-4809 Jul 22 j 23:36	20°♐26'48 1.71585 AU	min. Earth dist.	-4807 Dec 24 j 18:37	0°♑28'05 0.27895 AU	
			inferior conj	-4807 Dec 25 j 21:00	29°♐46'07 5°48'01	
superior conj	-4809 Jul 26 j 13:08	24°♐55'19 1°17'09	minimum elong	-4807 Dec 25 j 11:51	0°♑00'41 5°45'49	
minimum elong	-4809 Jul 26 j 06:19	24°♐33'53 1°17'16		-4807 Dec 25 j 12:17	30°♐♐	
	-4809 Jul 30 j 14:07	0°♑	morning rise	-4807 Dec 30 j 14:32	26°♐50'56	
	-4809 Aug 23 j 10:13	0°♒	direct	-4806 Jan 15 j 17:02	21°♐44'33	
evening rise	-4809 Sep 03 j 09:12	13°♒47'52	greatest brilliancy	-4806 Jan 24 j 09:52	23°♐10'02 -4.8m	
	-4809 Sep 16 j 06:28	0°♎		-4806 Feb 07 j 03:20	0°♑	
desc. node	-4809 Oct 04 j 21:44	23°♎22'28	morning max el	-4806 Mar 05 j 15:29	21°♑58'16 45°56'44	
	-4809 Oct 10 j 04:53	0°♏		-4806 Mar 13 j 20:00	0°♒	
	-4809 Nov 03 j 06:50	0°♐	desc. node	-4806 Mar 21 j 18:27	8°♒07'07	
	-4809 Nov 27 j 13:52	0°♑		-4806 Apr 11 j 02:38	0°♓	
	-4809 Dec 22 j 05:16	0°♒		-4806 May 07 j 13:54	0°♐	
	-4808 Jan 16 j 12:03	0°♓		-4806 Jun 02 j 02:07	0°♑	
asc. node	-4808 Jan 25 j 14:35	10°♓30'36		-4806 Jun 26 j 22:25	0°♓	
	-4808 Feb 12 j 01:15	0°♐	asc. node	-4806 Jul 12 j 12:40	19°♓09'26	
evening max el	-4808 Mar 07 j 17:10	25°♐21'34 45°06'02		-4806 Jul 21 j 06:37	0°♐	
	-4808 Mar 12 j 16:36	0°♑		-4806 Aug 14 j 06:12	0°♑	
greatest brilliancy	-4808 Apr 14 j 06:13	22°♑26'36 -4.7m	greatest brilliancy	-4806 Aug 23 j 12:57	11°♑41'29 -3.9m	
retrograde	-4808 Apr 24 j 20:59	24°♑26'32	morning set	-4806 Aug 29 j 19:51	19°♑37'31	

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

	-4806 Sep 07 j 00:58	0°♌		retrograde	-4803 Feb 12 j 00:56	16°♊24'48	
	-4806 Sep 30 j 18:42	0°♍		evening set	-4803 Mar 01 j 14:39	10°♊29'57	
				inferior conj	-4803 Mar 05 j 12:27	8°♊02'43	7°40'13
superior conj	-4806 Oct 09 j 07:35	10°♍46'11	0°50'18	minimum elong	-4803 Mar 05 j 18:20	7°♊53'19	7°39'27
minimum elong	-4806 Oct 09 j 18:42	11°♍21'14	0°49'58	min. Earth dist.	-4803 Mar 05 j 18:51	7°♊52'29	0.29408 AU
max. Earth dist.	-4806 Oct 13 j 06:16	15°♍44'29	1.70923 AU	morning rise	-4803 Mar 09 j 22:01	5°♊17'20	
	-4806 Oct 24 j 14:10	0°♎			-4803 Mar 22 j 15:16	30°♋30'	
desc. node	-4806 Nov 01 j 10:20	9°♎50'42		direct	-4803 Mar 27 j 05:34	29°♋35'03	
	-4806 Nov 17 j 12:45	0°♏			-4803 Mar 31 j 22:47	0°♋	
evening rise	-4806 Nov 21 j 02:03	4°♏26'23		greatest brilliancy	-4803 Apr 06 j 05:33	1°♋22'32	-4.7m
	-4806 Dec 11 j 14:52	0°♐		desc. node	-4803 Apr 18 j 05:32	7°♋21'26	
	-4805 Jan 04 j 21:11	0°♑		morning max el	-4803 May 15 j 02:26	29°♋21'16	45°53'09
	-4805 Jan 29 j 09:28	0°♒			-4803 May 15 j 18:37	0°♌	
asc. node	-4805 Feb 22 j 02:37	28°♒35'06			-4803 Jun 13 j 15:27	0°♍	
	-4805 Feb 23 j 07:05	0°♋			-4803 Jul 09 j 23:28	0°♌	
	-4805 Mar 20 j 19:10	0°♍			-4803 Aug 04 j 01:52	0°♎	
	-4805 Apr 16 j 07:00	0°♌		asc. node	-4803 Aug 09 j 00:34	6°♎01'47	
	-4805 May 14 j 19:49	0°♏			-4803 Aug 28 j 10:44	0°♏	
evening max el	-4805 May 19 j 09:49	4°♏27'13	45°40'56		-4803 Sep 21 j 09:55	0°♐	
desc. node	-4805 Jun 14 j 02:06	25°♏48'09			-4803 Oct 15 j 05:32	0°♑	
	-4805 Jun 21 j 04:25	0°♑			-4803 Nov 08 j 01:54	0°♒	
greatest brilliancy	-4805 Jun 27 j 22:12	2°♑52'44	-4.8m	morning set	-4803 Nov 14 j 13:04	8°♒06'35	
retrograde	-4805 Jul 07 j 12:02	4°♑31'55		desc. node	-4803 Nov 28 j 22:57	26°♒08'23	
	-4805 Jul 23 j 00:23	30°♋30'			-4803 Dec 02 j 01:11	0°♓	
evening set	-4805 Jul 24 j 13:19	29°♋08'27			-4803 Dec 26 j 03:45	0°♐	
inferior conj	-4805 Jul 28 j 10:36	26°♋50'01	-8°20'34				
minimum elong	-4805 Jul 28 j 03:29	27°♋00'47	8°19'33	superior conj	-4803 Dec 26 j 12:31	0°♐27'13	-0°57'46
min. Earth dist.	-4805 Jul 28 j 16:35	26°♋40'58	0.27300 AU	minimum elong	-4803 Dec 26 j 01:39	29°♋53'29	0°57'36
morning rise	-4805 Jul 31 j 17:26	24°♋52'01		max. Earth dist.	-4803 Dec 30 j 15:58	5°♐35'33	1.72399 AU
direct	-4805 Aug 18 j 08:23	19°♋02'34			-4802 Jan 19 j 09:17	0°♑	
greatest brilliancy	-4805 Aug 29 j 04:31	21°♋13'37	-4.9m	evening rise	-4802 Feb 03 j 22:40	19°♑11'03	
	-4805 Sep 13 j 06:52	0°♒			-4802 Feb 12 j 17:42	0°♒	
asc. node	-4805 Oct 04 j 21:22	19°♒10'41		greatest brilliancy	-4802 Feb 22 j 06:49	11°♒43'05	-3.9m
morning max el	-4805 Oct 08 j 01:36	22°♒23'41	46°51'05		-4802 Mar 09 j 05:32	0°♋	
	-4805 Oct 15 j 07:52	0°♌		asc. node	-4802 Mar 21 j 14:58	15°♋05'55	
	-4805 Nov 11 j 00:54	0°♍			-4802 Apr 02 j 21:52	0°♍	
	-4805 Dec 06 j 09:59	0°♎			-4802 Apr 27 j 20:03	0°♌	
	-4805 Dec 31 j 09:08	0°♏			-4802 May 23 j 02:25	0°♍	
desc. node	-4804 Jan 24 j 21:21	29°♏35'31			-4802 Jun 17 j 22:03	0°♏	
	-4804 Jan 25 j 05:27	0°♐		desc. node	-4802 Jul 11 j 13:24	26°♏26'19	
	-4804 Feb 19 j 00:24	0°♑			-4802 Jul 14 j 20:24	0°♐	
	-4804 Mar 14 j 17:29	0°♒		evening max el	-4802 Aug 01 j 02:06	17°♐52'55	47°11'38
	-4804 Apr 08 j 07:57	0°♋			-4802 Aug 13 j 22:31	0°♑	
morning set	-4804 Apr 10 j 09:14	2°♋30'40		greatest brilliancy	-4802 Sep 11 j 10:02	18°♑51'13	-4.9m
	-4804 May 02 j 19:12	0°♍		retrograde	-4802 Sep 20 j 14:39	20°♑28'07	
max. Earth dist.	-4804 May 12 j 09:30	11°♍48'56	1.73311 AU	evening set	-4802 Oct 06 j 06:19	15°♑39'26	
				inferior conj	-4802 Oct 11 j 04:43	12°♑43'32	-5°07'32
superior conj	-4804 May 16 j 02:17	16°♍22'37	-0°01'10	minimum elong	-4802 Oct 11 j 14:34	12°♑28'30	5°04'48
minimum elong	-4804 May 16 j 02:28	16°♍23'13	0°01'06	min. Earth dist.	-4802 Oct 11 j 04:20	12°♑44'06	0.26413 AU
behind sun begin	-4804 May 15 j 04:32	15°♍15'33		morning rise	-4802 Oct 16 j 22:49	9°♑20'48	
behind sun end	-4804 May 17 j 00:24	17°♍30'53		direct	-4802 Oct 31 j 09:17	5°♑08'24	
asc. node	-4804 May 16 j 14:01	16°♍58'51		asc. node	-4802 Nov 01 j 08:30	5°♑09'33	
	-4804 May 27 j 02:57	0°♌		greatest brilliancy	-4802 Nov 10 j 13:29	7°♑07'12	-4.9m
	-4804 Jun 20 j 07:28	0°♍			-4802 Dec 12 j 12:22	0°♎	
evening rise	-4804 Jun 20 j 18:35	0°♍34'32		morning max el	-4802 Dec 20 j 15:05	7°♎52'43	46°32'30
	-4804 Jul 14 j 09:51	0°♏			-4801 Jan 10 j 16:00	0°♏	
	-4804 Aug 07 j 11:57	0°♐			-4801 Feb 06 j 10:23	0°♐	
	-4804 Aug 31 j 15:55	0°♑		desc. node	-4801 Feb 21 j 09:08	17°♐13'24	
desc. node	-4804 Sep 05 j 11:22	5°♑57'07			-4801 Mar 04 j 08:11	0°♑	
	-4804 Sep 24 j 23:57	0°♒			-4801 Mar 29 j 18:25	0°♒	
	-4804 Oct 19 j 15:05	0°♓			-4801 Apr 23 j 19:46	0°♋	
	-4804 Nov 13 j 19:57	0°♐			-4801 May 18 j 13:08	0°♍	
	-4804 Dec 10 j 08:19	0°♑			-4801 Jun 11 j 23:03	0°♌	
evening max el	-4804 Dec 24 j 11:28	14°♑45'02	46°05'52	asc. node	-4801 Jun 14 j 02:31	2°♌39'06	
asc. node	-4804 Dec 27 j 05:07	17°♑27'21		morning set	-4801 Jun 17 j 05:21	6°♌30'42	
	-4803 Jan 09 j 22:54	0°♒			-4801 Jul 06 j 02:26	0°♍	
greatest brilliancy	-4803 Feb 01 j 05:44	14°♒15'15	-4.8m	max. Earth dist.	-4801 Jul 20 j 12:31	18°♍02'42	1.71642 AU

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

superior conj	-4801 Jul 24 j 04:30	22° Π 38'40	1°15'45	direct	-4798 Jan 13 j 07:38	19° \mathbb{M} 27'39	
minimum elong	-4801 Jul 23 j 21:12	22° Π 15'47	1°15'50	greatest brilliancy	-4798 Jan 22 j 00:13	20° \mathbb{M} 52'57	-4.8m
	-4801 Jul 30 j 01:02	0° \mathfrak{S}			-4798 Feb 08 j 01:39	0° \mathfrak{A}	
	-4801 Aug 22 j 21:15	0° Ω		morning max el	-4798 Mar 03 j 05:55	19° \mathfrak{A} 43'31	45°57'35
evening rise	-4801 Aug 31 j 20:23	11° Ω 17'05			-4798 Mar 13 j 15:39	0° \mathfrak{Z}	
	-4801 Sep 15 j 17:39	0° \mathbb{M}		desc. node	-4798 Mar 20 j 20:36	7° \mathfrak{Z} 26'04	
desc. node	-4801 Oct 03 j 23:52	22° \mathbb{M} 53'44			-4798 Apr 10 j 17:28	0° \approx	
	-4801 Oct 09 j 16:14	0° $\underline{\mathfrak{A}}$			-4798 May 07 j 02:49	0° \mathfrak{H}	
	-4801 Nov 02 j 18:22	0° \mathbb{M}			-4798 Jun 01 j 14:06	0° \mathfrak{Y}	
	-4801 Nov 27 j 01:40	0° \mathfrak{A}			-4798 Jun 26 j 09:55	0° \mathfrak{B}	
	-4801 Dec 21 j 17:35	0° \mathfrak{Z}		asc. node	-4798 Jul 11 j 14:43	18° \mathfrak{B} 40'44	
	-4800 Jan 16 j 01:28	0° \approx			-4798 Jul 20 j 17:54	0° Π	
asc. node	-4800 Jan 24 j 16:38	9° \approx 56'16			-4798 Aug 13 j 17:22	0° \mathfrak{S}	
	-4800 Feb 11 j 17:20	0° \mathfrak{H}		greatest brilliancy	-4798 Aug 22 j 14:40	11° \mathfrak{S} 11'38	-3.9m
evening max el	-4800 Mar 05 j 09:45	23° \mathfrak{H} 13'48	45°06'27	morning set	-4798 Aug 27 j 08:23	17° \mathfrak{S} 10'20	
	-4800 Mar 12 j 17:51	0° \mathfrak{Y}			-4798 Sep 06 j 12:07	0° Ω	
greatest brilliancy	-4800 Apr 11 j 21:18	20° \mathfrak{Y} 16'59	-4.7m		-4798 Sep 30 j 05:53	0° \mathbb{M}	
retrograde	-4800 Apr 22 j 12:40	22° \mathfrak{Y} 17'05					
evening set	-4800 May 07 j 11:27	18° \mathfrak{Y} 01'54		superior conj	-4798 Oct 06 j 16:54	8° \mathbb{M} 09'02	0°53'26
inferior conj	-4800 May 13 j 20:39	14° \mathfrak{Y} 16'45	0°25'41	minimum elong	-4798 Oct 07 j 04:14	8° \mathbb{M} 44'46	0°53'07
minimum elong	-4800 May 13 j 21:36	14° \mathfrak{Y} 15'17	0°25'26	max. Earth dist.	-4798 Oct 10 j 08:23	12° \mathbb{M} 44'45	1.70897 AU
min. Earth dist.	-4800 May 14 j 13:36	13° \mathfrak{Y} 50'40	0.28645 AU		-4798 Oct 24 j 01:23	0° $\underline{\mathfrak{A}}$	
desc. node	-4800 May 15 j 16:54	13° \mathfrak{Y} 08'48		desc. node	-4798 Oct 31 j 12:32	9° $\underline{\mathfrak{A}}$ 22'25	
morning rise	-4800 May 20 j 07:06	10° \mathfrak{Y} 28'24			-4798 Nov 16 j 24:00	0° \mathbb{M}	
direct	-4800 Jun 04 j 14:25	6° \mathfrak{Y} 01'19		evening rise	-4798 Nov 18 j 11:02	1° \mathbb{M} 49'24	
greatest brilliancy	-4800 Jun 15 j 18:31	8° \mathfrak{Y} 16'07	-4.8m		-4798 Dec 11 j 02:09	0° \mathfrak{A}	
	-4800 Jul 16 j 18:21	0° \mathfrak{B}			-4797 Jan 04 j 08:34	0° \mathfrak{Z}	
morning max el	-4800 Jul 24 j 08:56	7° \mathfrak{B} 16'05	46°24'02		-4797 Jan 28 j 21:07	0° \approx	
	-4800 Aug 14 j 22:56	0° Π		asc. node	-4797 Feb 21 j 04:48	28° \approx 05'19	
asc. node	-4800 Sep 05 j 12:19	24° Π 42'16			-4797 Feb 22 j 19:17	0° \mathfrak{H}	
	-4800 Sep 09 j 23:43	0° \mathfrak{S}			-4797 Mar 20 j 08:29	0° \mathfrak{Y}	
	-4800 Oct 04 j 18:49	0° Ω			-4797 Apr 15 j 22:43	0° \mathfrak{B}	
	-4800 Oct 29 j 01:28	0° \mathbb{M}			-4797 May 14 j 18:01	0° Π	
	-4800 Nov 22 j 04:52	0° $\underline{\mathfrak{A}}$		evening max el	-4797 May 16 j 22:35	2° Π 06'35	45°38'12
	-4800 Dec 16 j 09:33	0° \mathbb{M}		desc. node	-4797 Jun 13 j 04:09	24° Π 26'43	
desc. node	-4800 Dec 26 j 11:19	12° \mathbb{M} 27'06			-4797 Jun 24 j 00:18	0° \mathfrak{S}	
	-4799 Jan 09 j 16:44	0° \mathfrak{A}		greatest brilliancy	-4797 Jun 25 j 10:09	0° \mathfrak{S} 30'00	-4.8m
morning set	-4799 Jan 29 j 05:45	24° \mathfrak{A} 03'07		retrograde	-4797 Jul 05 j 00:12	2° \mathfrak{S} 09'43	
	-4799 Feb 03 j 01:52	0° \mathfrak{Z}			-4797 Jul 15 j 13:44	30° $\mathfrak{R}\Pi$	
	-4799 Feb 27 j 11:59	0° \approx		evening set	-4797 Jul 21 j 22:15	26° Π 51'39	
				inferior conj	-4797 Jul 25 j 23:43	24° Π 27'26	-8°11'30
superior conj	-4799 Mar 08 j 01:13	10° \approx 29'57	-1°15'59	minimum elong	-4797 Jul 25 j 15:56	24° Π 39'11	8°10'20
minimum elong	-4799 Mar 08 j 07:50	10° \approx 50'13	1°16'04	min. Earth dist.	-4797 Jul 26 j 06:05	24° Π 17'48	0.27347 AU
max. Earth dist.	-4799 Mar 08 j 05:23	10° \approx 42'43	1.73656 AU	morning rise	-4797 Jul 29 j 09:23	22° Π 25'19	
	-4799 Mar 23 j 22:30	0° \mathfrak{H}		direct	-4797 Aug 15 j 21:39	16° Π 38'50	
evening rise	-4799 Apr 13 j 08:42	25° \mathfrak{H} 03'56		greatest brilliancy	-4797 Aug 26 j 19:45	18° Π 51'12	-4.9m
	-4799 Apr 17 j 09:12	0° \mathfrak{Y}			-4797 Sep 14 j 00:10	0° \mathfrak{S}	
asc. node	-4799 Apr 18 j 03:36	0° \mathfrak{Y} 56'26		asc. node	-4797 Oct 03 j 23:37	18° \mathfrak{S} 16'29	
	-4799 May 11 j 20:10	0° \mathfrak{B}		morning max el	-4797 Oct 05 j 14:11	19° \mathfrak{S} 54'37	46°50'57
	-4799 Jun 05 j 07:43	0° Π			-4797 Oct 15 j 04:00	0° Ω	
	-4799 Jun 29 j 21:00	0° \mathfrak{S}			-4797 Nov 10 j 16:37	0° \mathbb{M}	
	-4799 Jul 24 j 14:20	0° Ω			-4797 Dec 05 j 23:48	0° $\underline{\mathfrak{A}}$	
desc. node	-4799 Aug 08 j 01:12	17° Ω 22'04			-4797 Dec 30 j 21:53	0° \mathbb{M}	
	-4799 Aug 18 j 15:50	0° \mathbb{M}		desc. node	-4796 Jan 23 j 23:23	29° \mathbb{M} 05'16	
	-4799 Sep 13 j 09:45	0° $\underline{\mathfrak{A}}$			-4796 Jan 24 j 17:29	0° \mathfrak{A}	
	-4799 Oct 10 j 19:28	0° \mathbb{M}			-4796 Feb 18 j 11:56	0° \mathfrak{Z}	
evening max el	-4799 Oct 12 j 10:47	1° \mathbb{M} 41'03	47°29'54		-4796 Mar 14 j 04:42	0° \approx	
	-4799 Nov 14 j 17:13	0° \mathfrak{A}			-4796 Apr 07 j 18:57	0° \mathfrak{H}	
greatest brilliancy	-4799 Nov 21 j 18:51	3° \mathfrak{A} 29'33	-4.9m	morning set	-4796 Apr 08 j 04:17	0° \mathfrak{H} 28'34	
asc. node	-4799 Nov 28 j 19:54	5° \mathfrak{A} 26'03			-4796 May 02 j 06:06	0° \mathfrak{Y}	
retrograde	-4799 Dec 02 j 13:38	5° \mathfrak{A} 43'00		max. Earth dist.	-4796 May 10 j 07:27	9° \mathfrak{Y} 55'09	1.73351 AU
evening set	-4799 Dec 17 j 22:56	0° \mathfrak{A} 53'41					
	-4799 Dec 19 j 11:07	30° $\mathfrak{R}\mathbb{M}$		superior conj	-4796 May 13 j 21:34	14° \mathfrak{Y} 20'35	-0°04'12
min. Earth dist.	-4799 Dec 22 j 09:40	28° \mathbb{M} 09'51	0.27810 AU	minimum elong	-4796 May 13 j 22:23	14° \mathfrak{Y} 23'05	0°04'06
inferior conj	-4799 Dec 23 j 12:11	27° \mathbb{M} 27'38	5°32'54	behind sun begin	-4796 May 13 j 00:58	13° \mathfrak{Y} 17'03	
minimum elong	-4799 Dec 23 j 03:05	27° \mathbb{M} 42'07	5°30'39	behind sun end	-4796 May 14 j 19:48	15° \mathfrak{Y} 29'07	
morning rise	-4799 Dec 28 j 08:07	24° \mathbb{M} 28'55		asc. node	-4796 May 15 j 16:12	16° \mathfrak{Y} 32'02	

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

	-4796 May 26 j 13:51	0°♄		greatest brilliancy	-4794 Nov 08 j 02:32	4°♎37'35	-4.9m
evening rise	-4796 Jun 18 j 13:18	28°♄29'18			-4794 Dec 12 j 15:15	0°♎	
	-4796 Jun 19 j 18:30	0°♎		morning max el	-4794 Dec 18 j 05:46	5°♎30'28	46°33'38
	-4796 Jul 13 j 21:08	0°♎			-4793 Jan 10 j 09:45	0°♎	
	-4796 Aug 06 j 23:35	0°♎			-4793 Feb 06 j 01:02	0°♎	
	-4796 Aug 31 j 03:59	0°♎		desc. node	-4793 Feb 20 j 11:21	16°♎40'14	
desc. node	-4796 Sep 04 j 13:31	5°♎26'15			-4793 Mar 03 j 21:16	0°♎	
	-4796 Sep 24 j 12:32	0°♎			-4793 Mar 29 j 06:36	0°♎	
	-4796 Oct 19 j 04:25	0°♎			-4793 Apr 23 j 07:24	0°♎	
	-4796 Nov 13 j 10:41	0°♎			-4793 May 18 j 00:27	0°♎	
	-4796 Dec 10 j 02:24	0°♎			-4793 Jun 11 j 10:13	0°♎	
evening max el	-4796 Dec 22 j 02:12	12°♎27'52	46°09'06	asc. node	-4793 Jun 13 j 04:32	2°♎10'50	
asc. node	-4796 Dec 26 j 07:10	16°♎36'27		morning set	-4793 Jun 14 j 23:11	4°♎22'47	
	-4795 Jan 10 j 07:27	0°♎			-4793 Jul 05 j 13:34	0°♎	
greatest brilliancy	-4795 Jan 29 j 22:20	12°♎06'16	-4.8m	max. Earth dist.	-4793 Jul 18 j 00:05	15°♎33'35	1.71696 AU
retrograde	-4795 Feb 09 j 18:26	14°♎17'09					
evening set	-4795 Feb 27 j 09:21	8°♎19'13		superior conj	-4793 Jul 21 j 20:28	20°♎23'11	1°14'14
inferior conj	-4795 Mar 03 j 05:38	5°♎54'23	7°46'37	minimum elong	-4793 Jul 21 j 12:46	19°♎59'04	1°14'19
minimum elong	-4795 Mar 03 j 10:59	5°♎45'50	7°45'57		-4793 Jul 29 j 12:13	0°♎	
min. Earth dist.	-4795 Mar 03 j 10:52	5°♎46'02	0.29398 AU		-4793 Aug 22 j 08:32	0°♎	
morning rise	-4795 Mar 07 j 12:39	3°♎12'57		evening rise	-4793 Aug 29 j 08:15	8°♎47'43	
	-4795 Mar 13 j 13:47	30°♎3			-4793 Sep 15 j 05:05	0°♎	
direct	-4795 Mar 24 j 21:56	27°♎26'45		desc. node	-4793 Oct 03 j 02:03	22°♎24'18	
greatest brilliancy	-4795 Apr 03 j 21:13	29°♎13'47	-4.7m		-4793 Oct 09 j 03:51	0°♎	
	-4795 Apr 05 j 22:54	0°♎			-4793 Nov 02 j 06:15	0°♎	
desc. node	-4795 Apr 17 j 07:48	6°♎07'27			-4793 Nov 26 j 13:55	0°♎	
morning max el	-4795 May 12 j 19:15	27°♎13'15	45°52'46		-4793 Dec 21 j 06:24	0°♎	
	-4795 May 15 j 16:24	0°♎			-4792 Jan 15 j 15:30	0°♎	
	-4795 Jun 13 j 07:04	0°♎		asc. node	-4792 Jan 23 j 18:52	9°♎20'44	
	-4795 Jul 09 j 12:53	0°♎			-4792 Feb 11 j 10:16	0°♎	
	-4795 Aug 03 j 14:17	0°♎		evening max el	-4792 Mar 03 j 01:49	21°♎03'20	45°07'05
asc. node	-4795 Aug 08 j 02:47	5°♎30'56			-4792 Mar 12 j 21:11	0°♎	
	-4795 Aug 27 j 22:40	0°♎		greatest brilliancy	-4792 Apr 09 j 13:05	18°♎07'01	-4.7m
	-4795 Sep 20 j 21:38	0°♎		retrograde	-4792 Apr 20 j 03:59	20°♎06'36	
	-4795 Oct 14 j 17:08	0°♎		evening set	-4792 May 05 j 04:19	15°♎49'59	
	-4795 Nov 07 j 13:24	0°♎		inferior conj	-4792 May 11 j 12:27	12°♎05'39	0°45'29
morning set	-4795 Nov 11 j 22:37	5°♎30'04		minimum elong	-4792 May 11 j 14:07	12°♎03'05	0°45'02
desc. node	-4795 Nov 28 j 01:00	25°♎39'13		min. Earth dist.	-4792 May 12 j 05:43	11°♎39'00	0.28687 AU
	-4795 Dec 01 j 12:33	0°♎		desc. node	-4792 May 14 j 18:58	10°♎05'36	
				morning rise	-4792 May 17 j 23:17	8°♎16'13	
superior conj	-4795 Dec 23 j 23:50	27°♎58'21	-0°55'01	direct	-4792 Jun 02 j 06:56	3°♎49'35	
minimum elong	-4795 Dec 23 j 12:59	27°♎24'39	0°54'50	greatest brilliancy	-4792 Jun 13 j 09:56	6°♎03'07	-4.8m
	-4795 Dec 25 j 15:02	0°♎			-4792 Jul 16 j 19:49	0°♎	
max. Earth dist.	-4795 Dec 28 j 03:39	3°♎08'03	1.72340 AU	morning max el	-4792 Jul 21 j 23:45	4°♎58'54	46°22'45
	-4794 Jan 18 j 20:30	0°♎			-4792 Aug 14 j 15:53	0°♎	
evening rise	-4794 Feb 01 j 13:40	16°♎55'01		asc. node	-4792 Sep 04 j 14:31	24°♎05'44	
	-4794 Feb 12 j 04:55	0°♎			-4792 Sep 09 j 13:58	0°♎	
greatest brilliancy	-4794 Feb 23 j 11:17	13°♎49'20	-3.9m		-4792 Oct 04 j 07:49	0°♎	
	-4794 Mar 08 j 16:54	0°♎			-4792 Oct 28 j 13:48	0°♎	
asc. node	-4794 Mar 20 j 17:12	14°♎37'47			-4792 Nov 21 j 16:48	0°♎	
	-4794 Apr 02 j 09:32	0°♎			-4792 Dec 15 j 21:12	0°♎	
	-4794 Apr 27 j 08:20	0°♎		desc. node	-4792 Dec 25 j 13:21	11°♎57'45	
	-4794 May 22 j 15:43	0°♎			-4791 Jan 09 j 04:10	0°♎	
	-4794 Jun 17 j 13:11	0°♎		morning set	-4791 Jan 26 j 19:58	21°♎44'35	
desc. node	-4794 Jul 10 j 15:31	25°♎42'25			-4791 Feb 02 j 13:07	0°♎	
	-4794 Jul 14 j 15:27	0°♎			-4791 Feb 26 j 23:05	0°♎	
evening max el	-4794 Jul 29 j 15:52	15°♎29'04	47°09'02				
	-4794 Aug 14 j 07:11	0°♎		superior conj	-4791 Mar 05 j 18:36	8°♎21'54	-1°17'13
greatest brilliancy	-4794 Sep 08 j 22:20	16°♎20'30	-4.9m	minimum elong	-4791 Mar 06 j 00:46	8°♎40'51	1°17'19
retrograde	-4794 Sep 18 j 03:22	17°♎57'25		max. Earth dist.	-4791 Mar 06 j 03:06	8°♎48'01	1.73633 AU
evening set	-4794 Oct 03 j 21:37	13°♎04'25			-4791 Mar 23 j 09:33	0°♎	
inferior conj	-4794 Oct 08 j 16:53	10°♎13'06	-5°27'21	evening rise	-4791 Apr 11 j 03:34	23°♎00'29	
minimum elong	-4794 Oct 09 j 03:05	9°♎57'33	5°24'37		-4791 Apr 16 j 20:20	0°♎	
min. Earth dist.	-4794 Oct 08 j 17:07	10°♎12'44	0.26421 AU	asc. node	-4791 Apr 17 j 05:42	0°♎28'43	
morning rise	-4794 Oct 14 j 08:36	6°♎54'06			-4791 May 11 j 07:31	0°♎	
direct	-4794 Oct 28 j 22:15	2°♎38'05			-4791 Jun 04 j 19:26	0°♎	
asc. node	-4794 Oct 31 j 10:45	2°♎45'52			-4791 Jun 29 j 09:16	0°♎	

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

	-4791 Jul 24 j 03:23	0°♌		desc. node	-4788 Jan 23 j 01:37	28°♌35'59	
desc. node	-4791 Aug 07 j 03:25	16°♌47'46			-4788 Jan 24 j 05:23	0°♌	
	-4791 Aug 18 j 06:06	0°♍			-4788 Feb 17 j 23:21	0°♌	
	-4791 Sep 13 j 02:16	0°♎			-4788 Mar 13 j 15:48	0°♍	
evening max el	-4791 Oct 10 j 01:54	29°♎19'48	47°31'21	morning set	-4788 Apr 05 j 23:08	28°♍25'59	
	-4791 Oct 10 j 17:40	0°♏			-4788 Apr 07 j 05:53	0°♍	
	-4791 Nov 16 j 18:12	0°♐			-4788 May 01 j 16:58	0°♎	
greatest brilliancy	-4791 Nov 19 j 11:49	1°♐11'04	-4.9m	max. Earth dist.	-4788 May 08 j 06:06	8°♎03'34	1.73394 AU
asc. node	-4791 Nov 27 j 21:53	3°♐16'29					
retrograde	-4791 Nov 30 j 04:46	3°♐22'52		superior conj	-4788 May 11 j 16:36	12°♎17'46	-0°07'12
	-4791 Dec 12 j 23:29	30°♑♌		minimum elong	-4788 May 11 j 17:59	12°♎22'03	0°07'07
evening set	-4791 Dec 15 j 11:58	28°♌37'46		behind sun begin	-4788 May 10 j 22:07	11°♎20'47	
min. Earth dist.	-4791 Dec 20 j 01:01	25°♌50'40	0.27733 AU	behind sun end	-4788 May 12 j 13:52	13°♎23'20	
inferior conj	-4791 Dec 21 j 03:21	25°♌08'43	5°17'13	asc. node	-4788 May 14 j 18:13	16°♎04'44	
minimum elong	-4791 Dec 20 j 18:23	25°♌23'00	5°14'54		-4788 May 26 j 00:45	0°♏	
morning rise	-4791 Dec 26 j 01:40	22°♌06'27		evening rise	-4788 Jun 16 j 07:44	26°♏23'19	
direct	-4790 Jan 10 j 21:52	17°♌10'08			-4788 Jun 19 j 05:32	0°♐	
greatest brilliancy	-4790 Jan 19 j 15:11	18°♌35'49	-4.8m		-4788 Jul 13 j 08:24	0°♑	
	-4790 Feb 08 j 18:32	0°♐			-4788 Aug 06 j 11:10	0°♌	
morning max el	-4790 Feb 28 j 19:38	17°♐26'04	45°58'19		-4788 Aug 30 j 15:58	0°♍	
	-4790 Mar 13 j 11:04	0°♑		desc. node	-4788 Sep 03 j 15:39	4°♍55'33	
desc. node	-4790 Mar 19 j 22:47	6°♑44'46			-4788 Sep 24 j 01:02	0°♎	
	-4790 Apr 10 j 08:26	0°♒			-4788 Oct 18 j 17:42	0°♏	
	-4790 May 06 j 15:55	0°♑			-4788 Nov 13 j 01:26	0°♐	
	-4790 Jun 01 j 02:16	0°♒			-4788 Dec 09 j 20:43	0°♑	
	-4790 Jun 25 j 21:35	0°♓		evening max el	-4788 Dec 19 j 17:51	10°♑13'32	46°12'27
asc. node	-4790 Jul 10 j 16:53	18°♓12'01		asc. node	-4788 Dec 25 j 09:26	15°♑45'49	
	-4790 Jul 20 j 05:18	0°♐			-4787 Jan 10 j 18:40	0°♒	
	-4790 Aug 13 j 04:39	0°♑		greatest brilliancy	-4787 Jan 27 j 14:38	9°♒57'38	-4.8m
greatest brilliancy	-4790 Aug 21 j 13:07	10°♑31'09	-3.9m	retrograde	-4787 Feb 07 j 12:19	12°♒10'09	
morning set	-4790 Aug 24 j 20:55	14°♑42'50		evening set	-4787 Feb 25 j 03:54	6°♒09'29	
	-4790 Sep 05 j 23:23	0°♌		inferior conj	-4787 Feb 28 j 22:49	3°♒46'43	7°52'22
	-4790 Sep 29 j 17:10	0°♍		minimum elong	-4787 Mar 01 j 03:38	3°♒39'03	7°51'47
				min. Earth dist.	-4787 Mar 01 j 02:28	3°♒40'53	0.29387 AU
superior conj	-4790 Oct 04 j 02:28	5°♍32'14	0°56'26	morning rise	-4787 Mar 05 j 03:26	1°♒09'06	
minimum elong	-4790 Oct 04 j 13:56	6°♍08'25	0°56'08		-4787 Mar 07 j 02:40	30°♑♑	
max. Earth dist.	-4790 Oct 07 j 07:37	9°♍35'29	1.70874 AU	direct	-4787 Mar 22 j 14:49	25°♑19'17	
	-4790 Oct 23 j 12:41	0°♎		greatest brilliancy	-4787 Apr 01 j 12:15	27°♑05'14	-4.7m
desc. node	-4790 Oct 30 j 14:33	8°♎53'19			-4787 Apr 08 j 05:46	0°♒	
evening rise	-4790 Nov 15 j 20:09	29°♎12'44		desc. node	-4787 Apr 16 j 09:51	4°♒56'03	
	-4790 Nov 16 j 11:17	0°♏		morning max el	-4787 May 10 j 12:30	25°♒07'01	45°52'11
	-4790 Dec 10 j 13:28	0°♐			-4787 May 15 j 13:12	0°♑	
	-4789 Jan 03 j 19:59	0°♑			-4787 Jun 12 j 22:19	0°♒	
	-4789 Jan 28 j 08:50	0°♒			-4787 Jul 09 j 02:07	0°♓	
asc. node	-4789 Feb 20 j 06:58	27°♒35'09			-4787 Aug 03 j 02:33	0°♐	
	-4789 Feb 22 j 07:37	0°♑		asc. node	-4787 Aug 07 j 04:59	5°♐00'31	
	-4789 Mar 19 j 22:03	0°♒			-4787 Aug 27 j 10:27	0°♑	
	-4789 Apr 15 j 14:53	0°♓			-4787 Sep 20 j 09:08	0°♌	
evening max el	-4789 May 14 j 11:25	29°♓45'49	45°35'41		-4787 Oct 14 j 04:28	0°♍	
	-4789 May 14 j 17:22	0°♐			-4787 Nov 07 j 00:37	0°♎	
desc. node	-4789 Jun 12 j 06:15	23°♐02'18		morning set	-4787 Nov 09 j 08:12	2°♎54'24	
greatest brilliancy	-4789 Jun 22 j 21:31	28°♐06'24	-4.8m	desc. node	-4787 Nov 27 j 03:01	25°♎10'45	
retrograde	-4789 Jul 02 j 12:50	29°♐47'26			-4787 Nov 30 j 23:40	0°♏	
evening set	-4789 Jul 19 j 07:03	24°♐34'32					
inferior conj	-4789 Jul 23 j 12:46	22°♐04'36	-8°01'37	superior conj	-4787 Dec 21 j 11:00	25°♌29'38	-0°52'10
minimum elong	-4789 Jul 23 j 04:22	22°♐17'15	8°00'17	minimum elong	-4787 Dec 21 j 00:14	24°♌56'13	0°51'57
min. Earth dist.	-4789 Jul 23 j 19:14	21°♐54'49	0.27391 AU		-4787 Dec 25 j 02:04	0°♐	
morning rise	-4789 Jul 27 j 01:24	19°♐58'18		max. Earth dist.	-4787 Dec 25 j 16:54	0°♐46'04	1.72281 AU
direct	-4789 Aug 13 j 11:06	14°♐14'52			-4786 Jan 18 j 07:28	0°♑	
greatest brilliancy	-4789 Aug 24 j 10:37	16°♐28'31	-4.9m	evening rise	-4786 Jan 30 j 04:41	14°♑39'48	
	-4789 Sep 14 j 13:10	0°♑			-4786 Feb 11 j 15:52	0°♒	
morning max el	-4789 Oct 03 j 03:38	17°♑27'53	46°50'48		-4786 Mar 08 j 03:57	0°♑	
asc. node	-4789 Oct 03 j 01:46	17°♑23'07		asc. node	-4786 Mar 19 j 19:19	14°♑10'08	
	-4789 Oct 14 j 23:32	0°♌			-4786 Apr 01 j 20:56	0°♒	
	-4789 Nov 10 j 08:05	0°♍			-4786 Apr 26 j 20:23	0°♓	
	-4789 Dec 05 j 13:27	0°♎			-4786 May 22 j 04:54	0°♐	
	-4789 Dec 30 j 10:28	0°♏			-4786 Jun 17 j 04:22	0°♑	

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

desc. node	-4786 Jul 09 j 17:44	24°☾58'36			-4783 Feb 01 j 23:59	0°☾	
	-4786 Jul 14 j 10:54	0°♌			-4783 Feb 26 j 09:49	0°♍	
evening max el	-4786 Jul 27 j 06:02	13°♌06'37	47°06'15				
	-4786 Aug 14 j 18:38	0°♍		superior conj	-4783 Mar 03 j 12:01	6°♍15'08	-1°18'21
greatest brilliancy	-4786 Sep 06 j 10:31	13°♍50'02	-4.9m	minimum elong	-4783 Mar 03 j 17:42	6°♍32'36	1°18'28
retrograde	-4786 Sep 15 j 15:52	15°♍26'37		max. Earth dist.	-4783 Mar 03 j 23:28	6°♍50'16	1.73608 AU
evening set	-4786 Oct 01 j 12:54	10°♍29'36			-4783 Mar 22 j 20:15	0°♎	
inferior conj	-4786 Oct 06 j 04:52	7°♍42'51	-5°46'40	evening rise	-4783 Apr 08 j 22:36	20°♎58'39	
minimum elong	-4786 Oct 06 j 15:20	7°♍26'54	5°43'57	asc. node	-4783 Apr 16 j 07:45	0°♏01'56	
min. Earth dist.	-4786 Oct 06 j 05:37	7°♍41'42	0.26425 AU		-4783 Apr 16 j 07:07	0°♏	
morning rise	-4786 Oct 11 j 17:53	4°♍27'49			-4783 May 10 j 18:30	0°♐	
direct	-4786 Oct 26 j 11:06	0°♍08'16			-4783 Jun 04 j 06:47	0°♑	
asc. node	-4786 Oct 30 j 12:48	0°♍28'21			-4783 Jun 28 j 21:10	0°☾	
greatest brilliancy	-4786 Nov 05 j 15:06	2°♍07'49	-4.9m		-4783 Jul 23 j 16:08	0°♌	
	-4786 Dec 12 j 16:21	0°♍		desc. node	-4783 Aug 06 j 05:30	16°♌13'59	
morning max el	-4786 Dec 15 j 19:35	3°♍06'50	46°34'45		-4783 Aug 17 j 20:12	0°♍	
	-4785 Jan 10 j 02:46	0°♍			-4783 Sep 12 j 18:50	0°♍	
	-4785 Feb 05 j 15:09	0°♎		evening max el	-4783 Oct 07 j 16:06	26°♍56'22	47°32'33
desc. node	-4785 Feb 19 j 13:25	16°♎07'53			-4783 Oct 10 j 16:38	0°♍	
	-4785 Mar 03 j 09:54	0°☾		greatest brilliancy	-4783 Nov 17 j 04:44	28°♍51'57	-4.9m
	-4785 Mar 28 j 18:21	0°♍			-4783 Nov 20 j 13:51	0°♎	
	-4785 Apr 22 j 18:37	0°♎		asc. node	-4783 Nov 27 j 00:10	1°♎01'21	
	-4785 May 17 j 11:21	0°♏		retrograde	-4783 Nov 27 j 19:35	1°♎02'10	
	-4785 Jun 10 j 21:01	0°♐			-4783 Dec 04 j 20:08	30°♎	
asc. node	-4785 Jun 12 j 06:46	1°♐44'21		evening set	-4783 Dec 13 j 00:47	26°♎20'53	
morning set	-4785 Jun 12 j 17:07	2°♐16'22		min. Earth dist.	-4783 Dec 17 j 16:18	23°♎30'32	0.27652 AU
	-4785 Jul 05 j 00:24	0°♑		inferior conj	-4783 Dec 18 j 18:14	22°♎49'17	5°00'42
max. Earth dist.	-4785 Jul 15 j 10:55	13°♑03'12	1.71762 AU	minimum elong	-4783 Dec 18 j 09:28	23°♎03'15	4°58'22
				morning rise	-4783 Dec 23 j 18:57	19°♎43'34	
superior conj	-4785 Jul 19 j 12:25	18°♑08'39	1°12'37	direct	-4782 Jan 08 j 11:19	14°♎51'57	
minimum elong	-4785 Jul 19 j 04:24	17°♑43'31	1°12'40	greatest brilliancy	-4782 Jan 17 j 06:14	16°♎18'39	-4.8m
	-4785 Jul 28 j 23:09	0°☾			-4782 Feb 09 j 06:57	0°♎	
	-4785 Aug 21 j 19:36	0°♌		morning max el	-4782 Feb 26 j 09:16	15°♎08'58	45°59'17
evening rise	-4785 Aug 26 j 19:55	6°♌18'28			-4782 Mar 13 j 05:38	0°☾	
	-4785 Sep 14 j 16:18	0°♍		desc. node	-4782 Mar 19 j 00:52	6°☾04'38	
desc. node	-4785 Oct 02 j 04:03	21°♍55'00			-4782 Apr 09 j 22:52	0°♍	
	-4785 Oct 08 j 15:15	0°♍			-4782 May 06 j 04:37	0°♎	
	-4785 Nov 01 j 17:51	0°♍			-4782 May 31 j 14:04	0°♏	
	-4785 Nov 26 j 01:50	0°♎			-4782 Jun 25 j 08:54	0°♐	
	-4785 Dec 20 j 18:55	0°☾		asc. node	-4782 Jul 09 j 19:05	17°♐44'25	
	-4784 Jan 15 j 05:15	0°♍			-4782 Jul 19 j 16:22	0°♑	
asc. node	-4784 Jan 22 j 21:02	8°♍45'59			-4782 Aug 12 j 15:37	0°☾	
	-4784 Feb 11 j 03:04	0°♎		greatest brilliancy	-4782 Aug 20 j 11:56	9°☾52'51	-3.9m
evening max el	-4784 Feb 29 j 17:15	18°♎52'34	45°07'50	morning set	-4782 Aug 22 j 10:03	12°☾18'13	
	-4784 Mar 13 j 01:37	0°♏			-4782 Sep 05 j 10:22	0°♌	
greatest brilliancy	-4784 Apr 07 j 05:31	15°♏59'26	-4.7m		-4782 Sep 29 j 04:12	0°♍	
retrograde	-4784 Apr 17 j 19:19	17°♏58'17					
evening set	-4784 May 02 j 21:31	13°♏39'52		superior conj	-4782 Oct 01 j 12:15	2°♏56'51	0°59'17
inferior conj	-4784 May 09 j 04:32	9°♏56'47	1°04'57	minimum elong	-4782 Oct 01 j 23:45	3°♏33'10	0°59'01
minimum elong	-4784 May 09 j 06:53	9°♏53'07	1°04'18	max. Earth dist.	-4782 Oct 04 j 08:44	6°♏32'53	1.70865 AU
min. Earth dist.	-4784 May 09 j 22:20	9°♏29'12	0.28729 AU		-4782 Oct 22 j 23:47	0°♍	
desc. node	-4784 May 13 j 21:02	7°♏06'11		desc. node	-4782 Oct 29 j 16:39	8°♍25'03	
morning rise	-4784 May 15 j 15:34	6°♏06'24		evening rise	-4782 Nov 13 j 04:57	26°♍35'27	
direct	-4784 May 30 j 23:02	1°♏39'58			-4782 Nov 15 j 22:26	0°♍	
greatest brilliancy	-4784 Jun 11 j 01:58	3°♏52'44	-4.8m		-4782 Dec 10 j 00:40	0°♎	
	-4784 Jul 16 j 19:30	0°♐			-4781 Jan 03 j 07:18	0°☾	
morning max el	-4784 Jul 19 j 14:01	2°♐41'44	46°21'20		-4781 Jan 27 j 20:26	0°♍	
	-4784 Aug 14 j 08:07	0°♑		asc. node	-4781 Feb 19 j 09:03	27°♍05'12	
asc. node	-4784 Sep 03 j 16:37	23°♑30'10			-4781 Feb 21 j 19:50	0°♎	
	-4784 Sep 09 j 03:48	0°☾			-4781 Mar 19 j 11:31	0°♏	
	-4784 Oct 03 j 20:32	0°♌			-4781 Apr 15 j 07:04	0°♐	
	-4784 Oct 28 j 01:53	0°♍		evening max el	-4781 May 12 j 01:18	27°♐28'39	45°33'21
	-4784 Nov 21 j 04:29	0°♍			-4781 May 14 j 17:25	0°♑	
	-4784 Dec 15 j 08:34	0°♍		desc. node	-4781 Jun 11 j 08:33	21°♑36'29	
desc. node	-4784 Dec 24 j 15:36	11°♑29'59		greatest brilliancy	-4781 Jun 20 j 08:41	25°♑44'04	-4.8m
	-4783 Jan 08 j 15:16	0°♎		retrograde	-4781 Jun 30 j 02:16	27°♑26'53	
morning set	-4783 Jan 24 j 09:55	19°♎26'18		evening set	-4781 Jul 16 j 16:10	22°♑19'03	

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

inferior conj	-4781 Jul 21 j 02:02	19°II43'22	-7°51'01	superior conj	-4779 Dec 18 j 22:11	23°III00'47	-0°49'11
minimum elong	-4781 Jul 20 j 17:08	19°II56'47	7°49'30	minimum elong	-4779 Dec 18 j 11:38	22°III27'59	0°48'58
min. Earth dist.	-4781 Jul 21 j 08:18	19°II33'56	0.27434 AU	max. Earth dist.	-4779 Dec 23 j 08:38	28°III31'30	1.72224 AU
morning rise	-4781 Jul 24 j 17:49	17°II32'45			-4779 Dec 24 j 13:08	0°X	
direct	-4781 Aug 11 j 01:16	11°II52'42			-4778 Jan 17 j 18:30	0°Z	
greatest brilliancy	-4781 Aug 22 j 00:59	14°II06'51	-4.9m	evening rise	-4778 Jan 27 j 19:33	12°Z23'43	
	-4781 Sep 14 j 22:22	0°G			-4778 Feb 11 j 02:56	0°X	
morning max el	-4781 Sep 30 j 18:07	15°G05'01	46°50'31		-4778 Mar 07 j 15:11	0°X	
asc. node	-4781 Oct 02 j 03:53	16°G31'40		asc. node	-4778 Mar 18 j 21:22	13°X41'50	
	-4781 Oct 14 j 18:15	0°Q			-4778 Apr 01 j 08:31	0°Y	
	-4781 Nov 09 j 23:08	0°M			-4778 Apr 26 j 08:38	0°B	
	-4781 Dec 05 j 02:52	0°L			-4778 May 21 j 18:18	0°II	
	-4781 Dec 29 j 22:57	0°M			-4778 Jun 16 j 19:52	0°G	
desc. node	-4780 Jan 22 j 03:40	28°III06'16		desc. node	-4778 Jul 08 j 19:49	24°G13'34	
	-4780 Jan 23 j 17:13	0°X			-4778 Jul 14 j 07:03	0°Q	
	-4780 Feb 17 j 10:43	0°Z		evening max el	-4778 Jul 24 j 19:53	10°Q43'08	47°03'18
	-4780 Mar 13 j 02:51	0°X			-4778 Aug 15 j 10:02	0°M	
morning set	-4780 Apr 03 j 17:48	26°X23'05		greatest brilliancy	-4778 Sep 03 j 23:11	11°M19'52	-4.9m
	-4780 Apr 06 j 16:43	0°X		retrograde	-4778 Sep 13 j 03:55	12°M55'19	
	-4780 May 01 j 03:43	0°Y		evening set	-4778 Sep 29 j 04:17	7°M54'26	
max. Earth dist.	-4780 May 06 j 05:46	6°Y15'30	1.73431 AU	inferior conj	-4778 Oct 03 j 16:51	5°M12'19	-6°05'20
				minimum elong	-4778 Oct 04 j 03:31	4°M56'04	6°02'39
superior conj	-4780 May 09 j 11:35	10°Y15'10	-0°10'14	min. Earth dist.	-4778 Oct 03 j 18:24	5°M09'58	0.26431 AU
minimum elong	-4780 May 09 j 13:34	10°Y21'16	0°10'06	morning rise	-4778 Oct 09 j 02:51	2°M01'20	
behind sun begin	-4780 May 08 j 20:25	9°Y28'27			-4778 Oct 13 j 05:43	30°RQ	
behind sun end	-4780 May 10 j 06:42	11°Y14'05		direct	-4778 Oct 23 j 23:35	27°Q38'06	
asc. node	-4780 May 13 j 20:25	15°Y38'19		asc. node	-4778 Oct 29 j 15:02	28°Q16'09	
	-4780 May 25 j 11:33	0°B		greatest brilliancy	-4778 Nov 03 j 03:56	29°Q37'46	-4.9m
evening rise	-4780 Jun 14 j 02:24	24°B18'21			-4778 Nov 04 j 02:44	0°M	
	-4780 Jun 18 j 16:29	0°II			-4778 Dec 12 j 16:27	0°L	
	-4780 Jul 12 j 19:36	0°G		morning max el	-4778 Dec 13 j 08:27	0°L40'10	46°35'58
	-4780 Aug 05 j 22:41	0°Q			-4777 Jan 09 j 19:36	0°M	
	-4780 Aug 30 j 03:52	0°M			-4777 Feb 05 j 05:16	0°X	
desc. node	-4780 Sep 02 j 17:42	4°M24'54		desc. node	-4777 Feb 18 j 15:29	15°X35'15	
	-4780 Sep 23 j 13:27	0°L			-4777 Mar 02 j 22:39	0°Z	
	-4780 Oct 18 j 06:58	0°M			-4777 Mar 28 j 06:17	0°X	
	-4780 Nov 12 j 16:17	0°X			-4777 Apr 22 j 06:03	0°X	
	-4780 Dec 09 j 15:31	0°Z			-4777 May 16 j 22:31	0°Y	
evening max el	-4780 Dec 17 j 10:21	8°Z01'04	46°15'35	morning set	-4777 Jun 10 j 11:01	0°B09'11	
asc. node	-4780 Dec 24 j 11:36	14°Z53'53			-4777 Jun 10 j 08:03	0°B	
	-4779 Jan 11 j 10:00	0°X		asc. node	-4777 Jun 11 j 08:53	1°B16'48	
greatest brilliancy	-4779 Jan 25 j 07:07	7°X48'36	-4.8m		-4777 Jul 04 j 11:26	0°II	
retrograde	-4779 Feb 05 j 06:08	10°X02'10		max. Earth dist.	-4777 Jul 12 j 23:20	10°II37'19	1.71825 AU
evening set	-4779 Feb 22 j 22:13	3°X59'18					
inferior conj	-4779 Feb 26 j 15:53	1°X38'12	7°57'34	superior conj	-4777 Jul 17 j 04:33	15°II54'09	1°10'54
minimum elong	-4779 Feb 26 j 20:08	1°X31'26	7°57'03	minimum elong	-4777 Jul 16 j 20:14	15°II28'07	1°10'55
min. Earth dist.	-4779 Feb 26 j 17:48	1°X35'09	0.29370 AU		-4777 Jul 28 j 10:15	0°G	
	-4779 Mar 01 j 05:53	30°RZ			-4777 Aug 21 j 06:51	0°Q	
morning rise	-4779 Mar 02 j 18:11	29°Z04'11		evening rise	-4777 Aug 24 j 08:01	3°Q50'03	
direct	-4779 Mar 20 j 07:57	23°Z11'17			-4777 Sep 14 j 03:44	0°M	
greatest brilliancy	-4779 Mar 30 j 02:36	24°Z55'23	-4.7m	desc. node	-4777 Oct 01 j 06:11	21°M25'25	
	-4779 Apr 09 j 17:32	0°X			-4777 Oct 08 j 02:54	0°L	
desc. node	-4779 Apr 15 j 11:59	3°X46'25			-4777 Nov 01 j 05:44	0°M	
morning max el	-4779 May 08 j 05:35	23°X00'15	45°51'40		-4777 Nov 25 j 14:03	0°X	
	-4779 May 15 j 09:23	0°X			-4777 Dec 20 j 07:44	0°Z	
	-4779 Jun 12 j 13:21	0°Y			-4776 Jan 14 j 19:21	0°X	
	-4779 Jul 08 j 15:14	0°B		asc. node	-4776 Jan 21 j 23:06	8°X10'02	
	-4779 Aug 02 j 14:46	0°II			-4776 Feb 10 j 20:29	0°X	
asc. node	-4779 Aug 06 j 06:59	4°II29'32		evening max el	-4776 Feb 27 j 07:55	16°X39'05	45°08'35
	-4779 Aug 26 j 22:12	0°G			-4776 Mar 13 j 08:34	0°Y	
	-4779 Sep 19 j 20:39	0°Q		greatest brilliancy	-4776 Apr 04 j 21:39	13°Y50'30	-4.7m
	-4779 Oct 13 j 15:49	0°M		retrograde	-4776 Apr 15 j 10:36	15°Y49'10	
	-4779 Nov 06 j 11:50	0°L		evening set	-4776 Apr 30 j 14:48	11°Y28'21	
morning set	-4779 Nov 06 j 18:15	0°L20'06		inferior conj	-4776 May 06 j 20:36	7°Y46'55	1°24'23
desc. node	-4779 Nov 26 j 05:15	24°L42'50		minimum elong	-4776 May 06 j 23:39	7°Y42'12	1°23'32
	-4779 Nov 30 j 10:48	0°M		min. Earth dist.	-4776 May 07 j 15:10	7°Y18'09	0.28775 AU
				desc. node	-4776 May 12 j 23:19	4°Y07'25	

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

morning rise	-4776 May 13 j 07:42	3° Υ 55'54	evening rise	-4774 Nov 10 j 13:39	23° Ω 56'54
	-4776 May 23 j 11:31	30° \Re \Re		-4774 Nov 15 j 09:52	0° \mathbb{M}
direct	-4776 May 28 j 14:50	29° \Re 29'06		-4774 Dec 09 j 12:10	0° \Re
	-4776 Jun 02 j 21:12	0° Υ		-4773 Jan 02 j 18:57	0° \Re
greatest brilliancy	-4776 Jun 08 j 18:37	1° Υ 42'00 -4.8m		-4773 Jan 27 j 08:25	0° \approx
	-4776 Jul 16 j 18:38	0° \Re	asc. node	-4773 Feb 18 j 11:12	26° \approx 34'23
morning max el	-4776 Jul 17 j 04:35	0° \Re 24'23 46°20'05		-4773 Feb 21 j 08:26	0° \Re
	-4776 Aug 14 j 00:25	0° \mathbb{I}		-4773 Mar 19 j 01:24	0° Υ
asc. node	-4776 Sep 02 j 18:47	22° \mathbb{I} 54'10		-4773 Apr 14 j 23:51	0° \Re
	-4776 Sep 08 j 17:46	0° \Re	evening max el	-4773 May 09 j 15:56	25° \Re 12'38 45°31'01
	-4776 Oct 03 j 09:25	0° Ω		-4773 May 14 j 19:03	0° \mathbb{I}
	-4776 Oct 27 j 14:12	0° \mathbb{M}	desc. node	-4773 Jun 10 j 10:32	20° \mathbb{I} 06'15
	-4776 Nov 20 j 16:25	0° Ω	greatest brilliancy	-4773 Jun 17 j 19:29	23° \mathbb{I} 20'35 -4.8m
	-4776 Dec 14 j 20:13	0° \mathbb{M}	retrograde	-4773 Jun 27 j 15:41	25° \mathbb{I} 05'06
desc. node	-4776 Dec 23 j 17:36	11° \mathbb{M} 00'28	evening set	-4773 Jul 14 j 01:15	20° \mathbb{I} 02'29
	-4775 Jan 08 j 02:40	0° \Re	inferior conj	-4773 Jul 18 j 15:11	17° \mathbb{I} 20'56 -7°39'30
morning set	-4775 Jan 21 j 23:43	17° \Re 06'24	minimum elong	-4773 Jul 18 j 05:52	17° \mathbb{I} 34'59 7°37'50
	-4775 Feb 01 j 11:10	0° \Re	min. Earth dist.	-4773 Jul 18 j 21:08	17° \mathbb{I} 11'59 0.27479 AU
	-4775 Feb 25 j 20:51	0° \approx	morning rise	-4773 Jul 22 j 10:12	15° \mathbb{I} 05'43
			direct	-4773 Aug 08 j 15:48	9° \mathbb{I} 29'28
superior conj	-4775 Mar 01 j 05:26	4° \approx 07'25 -1°19'21	greatest brilliancy	-4773 Aug 19 j 14:50	11° \mathbb{I} 43'18 -4.9m
minimum elong	-4775 Mar 01 j 10:36	4° \approx 23'15 1°19'30		-4773 Sep 15 j 05:38	0° \Re
max. Earth dist.	-4775 Mar 01 j 18:36	4° \approx 47'51 1.73581 AU	morning max el	-4773 Sep 28 j 08:50	12° \Re 41'36 46°50'09
	-4775 Mar 22 j 07:15	0° \Re	asc. node	-4773 Oct 01 j 06:07	15° \Re 40'11
evening rise	-4775 Apr 06 j 17:38	18° \Re 55'53		-4773 Oct 14 j 12:57	0° Ω
asc. node	-4775 Apr 15 j 09:59	29° \Re 34'41		-4773 Nov 09 j 14:22	0° \mathbb{M}
	-4775 Apr 15 j 18:14	0° Υ		-4773 Dec 04 j 16:29	0° Ω
	-4775 May 10 j 05:52	0° \Re		-4773 Dec 29 j 11:36	0° \mathbb{M}
	-4775 Jun 03 j 18:33	0° \mathbb{I}	desc. node	-4772 Jan 21 j 05:44	27° \mathbb{M} 35'58
	-4775 Jun 28 j 09:31	0° \Re		-4772 Jan 23 j 05:14	0° \Re
	-4775 Jul 23 j 05:21	0° Ω		-4772 Feb 16 j 22:19	0° \Re
desc. node	-4775 Aug 05 j 07:34	15° Ω 38'50		-4772 Mar 12 j 14:08	0° \approx
	-4775 Aug 17 j 10:48	0° \mathbb{M}	morning set	-4772 Apr 01 j 12:29	24° \approx 19'32
	-4775 Sep 12 j 12:03	0° Ω		-4772 Apr 06 j 03:49	0° \Re
evening max el	-4775 Oct 05 j 05:55	24° Ω 31'09 47°33'45		-4772 Apr 30 j 14:43	0° Υ
	-4775 Oct 10 j 16:59	0° \mathbb{M}	max. Earth dist.	-4772 May 04 j 04:45	4° Υ 24'39 1.73462 AU
greatest brilliancy	-4775 Nov 14 j 21:13	26° \mathbb{M} 31'01 -4.9m			
retrograde	-4775 Nov 25 j 10:32	28° \mathbb{M} 40'16	superior conj	-4772 May 07 j 06:42	8° Υ 12'20 -0°13'14
asc. node	-4775 Nov 26 j 02:22	28° \mathbb{M} 39'44	minimum elong	-4772 May 07 j 09:15	8° Υ 20'11 0°13'04
evening set	-4775 Dec 10 j 13:37	24° \mathbb{M} 02'12	behind sun begin	-4772 May 06 j 20:43	7° Υ 41'37
min. Earth dist.	-4775 Dec 15 j 07:27	21° \mathbb{M} 09'00 0.27576 AU	behind sun end	-4772 May 07 j 21:46	8° Υ 58'45
inferior conj	-4775 Dec 16 j 09:01	20° \mathbb{M} 28'26 4°43'23	asc. node	-4772 May 12 j 22:34	15° Υ 11'00
minimum elong	-4775 Dec 16 j 00:30	20° \mathbb{M} 41'58 4°41'04		-4772 May 24 j 22:34	0° \Re
morning rise	-4775 Dec 21 j 12:09	17° \mathbb{M} 19'29	evening rise	-4772 Jun 11 j 21:15	22° \Re 13'24
direct	-4774 Jan 06 j 00:37	12° \mathbb{M} 32'06		-4772 Jun 18 j 03:39	0° \mathbb{I}
greatest brilliancy	-4774 Jan 14 j 21:15	14° \mathbb{M} 00'08 -4.8m		-4772 Jul 12 j 07:02	0° \Re
	-4774 Feb 09 j 16:41	0° \Re		-4772 Aug 05 j 10:28	0° Ω
morning max el	-4774 Feb 23 j 23:45	12° \Re 52'45 46°00'24		-4772 Aug 29 j 16:05	0° \mathbb{M}
	-4774 Mar 13 j 00:07	0° \Re	desc. node	-4772 Sep 01 j 19:51	3° \mathbb{M} 53'39
desc. node	-4774 Mar 18 j 03:00	5° \Re 24'03		-4772 Sep 23 j 02:14	0° Ω
	-4774 Apr 09 j 13:29	0° \approx		-4772 Oct 17 j 20:36	0° \mathbb{M}
	-4774 May 05 j 17:33	0° \Re		-4772 Nov 12 j 07:36	0° \Re
	-4774 May 31 j 02:10	0° Υ		-4772 Dec 09 j 11:06	0° \Re
	-4774 Jun 24 j 20:33	0° \Re	evening max el	-4772 Dec 15 j 02:51	5° \Re 47'46 46°18'50
asc. node	-4774 Jul 08 j 21:05	17° \Re 15'07	asc. node	-4772 Dec 23 j 13:38	14° \Re 00'02
	-4774 Jul 19 j 03:48	0° \mathbb{I}		-4771 Jan 12 j 07:10	0° \approx
	-4774 Aug 12 j 02:58	0° \Re	greatest brilliancy	-4771 Jan 23 j 00:09	5° \approx 39'30 -4.8m
greatest brilliancy	-4774 Aug 19 j 14:03	9° \Re 23'46 -3.9m	retrograde	-4771 Feb 02 j 23:43	7° \approx 53'16
morning set	-4774 Aug 19 j 23:07	9° \Re 52'20	evening set	-4771 Feb 20 j 16:21	1° \approx 48'46
	-4774 Sep 04 j 21:42	0° Ω		-4771 Feb 23 j 13:32	30° \Re \Re
			inferior conj	-4771 Feb 24 j 08:56	29° \Re 28'58 8°02'07
superior conj	-4774 Sep 28 j 21:57	0° \mathbb{M} 20'06 1°02'01	minimum elong	-4771 Feb 24 j 12:35	29° \Re 23'09 8°01'40
minimum elong	-4774 Sep 29 j 09:22	0° \mathbb{M} 56'10 1°01'46	min. Earth dist.	-4771 Feb 24 j 09:13	29° \Re 28'32 0.29348 AU
	-4774 Sep 28 j 15:35	0° \mathbb{M}	morning rise	-4771 Feb 28 j 09:00	26° \Re 58'11
max. Earth dist.	-4774 Oct 01 j 13:07	3° \mathbb{M} 39'25 1.70853 AU	direct	-4771 Mar 18 j 01:00	21° \Re 02'42
	-4774 Oct 22 j 11:12	0° Ω	greatest brilliancy	-4771 Mar 27 j 16:46	22° \Re 44'33 -4.7m
desc. node	-4774 Oct 28 j 18:50	7° Ω 56'02		-4771 Apr 10 j 19:13	0° \approx

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

desc. node	-4771 Apr 14 j 14:14	2°≈38'20		-4769 Oct 31 j 17:28	0°♄	
morning max el	-4771 May 05 j 22:08	20°≈51'41	45°51'13	-4769 Nov 25 j 02:08	0°♂	
	-4771 May 15 j 05:09	0°♂		-4769 Dec 19 j 20:29	0°♂	
	-4771 Jun 12 j 04:21	0°♂		-4768 Jan 14 j 09:31	0°≈	
	-4771 Jul 08 j 04:22	0°♂		-4768 Jan 21 j 01:19	7°≈34'33	
	-4771 Aug 02 j 03:01	0°♂		-4768 Feb 10 j 14:12	0°♂	
asc. node	-4771 Aug 05 j 09:13	3°♂59'07		-4768 Feb 24 j 22:23	14°♂25'29	45°09'37
	-4771 Aug 26 j 10:02	0°♂		-4768 Mar 13 j 17:56	0°♂	
	-4771 Sep 19 j 08:15	0°♂		-4768 Apr 02 j 13:17	11°♂41'34	-4.7m
	-4771 Oct 13 j 03:18	0°♂		-4768 Apr 13 j 02:20	13°♂40'55	
morning set	-4771 Nov 04 j 03:56	27°♂44'03		-4768 Apr 28 j 08:16	9°♂17'15	
	-4771 Nov 05 j 23:14	0°♂		-4768 May 04 j 12:44	5°♂37'42	1°43'33
desc. node	-4771 Nov 25 j 07:17	24°♂13'48		-4768 May 04 j 16:27	5°♂31'58	1°42'30
	-4771 Nov 29 j 22:06	0°♄		-4768 May 05 j 07:53	5°♂08'02	0.28821 AU
				-4768 May 10 j 23:47	1°♂46'32	
superior conj	-4771 Dec 16 j 08:46	20°♄29'33	-0°46'04	-4768 May 12 j 01:21	1°♂12'24	
minimum elong	-4771 Dec 15 j 22:32	19°♄57'43	0°45'51	-4768 May 14 j 13:04	30°♂♂	
max. Earth dist.	-4771 Dec 21 j 00:32	26°♄16'57	1.72163 AU	-4768 May 26 j 06:44	27°♂18'47	
	-4771 Dec 24 j 00:21	0°♂		-4768 Jun 06 j 11:25	29°♂32'17	-4.8m
	-4770 Jan 17 j 05:39	0°♂		-4768 Jun 07 j 15:25	0°♂	
evening rise	-4770 Jan 25 j 09:55	10°♂05'44		-4768 Jul 14 j 20:10	28°♂10'17	46°18'54
	-4770 Feb 10 j 14:06	0°≈		-4768 Jul 16 j 16:38	0°♂	
	-4770 Mar 07 j 02:30	0°♂		-4768 Aug 13 j 16:14	0°♂	
asc. node	-4770 Mar 17 j 23:36	13°♂13'46		-4768 Sep 01 j 20:58	22°♂19'09	
	-4770 Mar 31 j 20:13	0°♂		-4768 Sep 08 j 07:23	0°♂	
	-4770 Apr 25 j 21:02	0°♂		-4768 Oct 02 j 21:59	0°♂	
	-4770 May 21 j 07:53	0°♂		-4768 Oct 27 j 02:11	0°♂	
	-4770 Jun 16 j 11:36	0°♂		-4768 Nov 20 j 04:02	0°♂	
desc. node	-4770 Jul 07 j 21:56	23°♂28'11		-4768 Dec 14 j 07:33	0°♄	
	-4770 Jul 14 j 03:45	0°♂		-4768 Dec 22 j 19:41	10°♄32'06	
evening max el	-4770 Jul 22 j 08:55	8°♂17'53	47°00'17	-4767 Jan 07 j 13:46	0°♂	
	-4770 Aug 16 j 06:16	0°♂		-4767 Jan 19 j 13:16	14°♂46'22	
greatest brilliancy	-4770 Sep 01 j 12:18	8°♂50'43	-4.9m	-4767 Jan 31 j 22:05	0°♂	
retrograde	-4770 Sep 10 j 15:29	10°♂24'34		-4767 Feb 25 j 07:40	0°≈	
evening set	-4770 Sep 26 j 19:46	5°♂19'41				
inferior conj	-4770 Oct 01 j 04:58	2°♂42'24	-6°23'05	superior conj	-4767 Feb 26 j 22:34	1°≈59'29 -1°20'15
minimum elong	-4770 Oct 01 j 15:43	2°♂25'59	6°20'28	minimum elong	-4767 Feb 27 j 03:11	2°≈13'40 1°20'25
min. Earth dist.	-4770 Oct 01 j 07:33	2°♂38'26	0.26442 AU	max. Earth dist.	-4767 Feb 27 j 12:34	2°≈42'28 1.73556 AU
	-4770 Oct 05 j 18:11	30°♂♂		-4767 Mar 21 j 18:02	0°♂	
morning rise	-4770 Oct 06 j 11:42	29°♂35'37		-4767 Apr 04 j 12:25	16°♂53'10	
direct	-4770 Oct 21 j 11:38	25°♂08'14		-4767 Apr 14 j 12:04	29°♂07'46	
asc. node	-4770 Oct 28 j 17:14	26°♂09'39		-4767 Apr 15 j 05:06	0°♂	
greatest brilliancy	-4770 Oct 31 j 17:28	27°♂08'40	-4.9m	-4767 May 09 j 16:58	0°♂	
	-4770 Nov 06 j 20:32	0°♂		-4767 Jun 03 j 06:03	0°♂	
morning max el	-4770 Dec 10 j 20:50	28°♂11'50	46°37'04	-4767 Jun 27 j 21:38	0°♂	
	-4770 Dec 12 j 15:34	0°♂		-4767 Jul 22 j 18:23	0°♂	
	-4769 Jan 09 j 12:12	0°♄		-4767 Aug 04 j 09:46	15°♂04'48	
	-4769 Feb 04 j 19:19	0°♂		-4767 Aug 17 j 01:16	0°♂	
desc. node	-4769 Feb 17 j 17:43	15°♂03'11		-4767 Sep 12 j 05:15	0°♂	
	-4769 Mar 02 j 11:19	0°♂		-4767 Oct 02 j 20:46	22°♂09'48	47°35'00
	-4769 Mar 27 j 18:08	0°≈		-4767 Oct 10 j 18:00	0°♄	
	-4769 Apr 21 j 17:24	0°♂		-4767 Nov 12 j 13:13	24°♄10'52	-4.9m
	-4769 May 16 j 09:36	0°♂		-4767 Nov 23 j 02:01	26°♄19'57	
morning set	-4769 Jun 08 j 05:00	28°♂02'28		-4767 Nov 25 j 04:23	26°♄14'23	
	-4769 Jun 09 j 19:01	0°♂		-4767 Dec 08 j 02:41	21°♄44'37	
asc. node	-4769 Jun 10 j 10:55	0°♂49'10		-4767 Dec 12 j 22:24	18°♄49'16	0.27501 AU
	-4769 Jul 03 j 22:24	0°♂		-4767 Dec 13 j 23:52	18°♄08'59	4°25'40
max. Earth dist.	-4769 Jul 10 j 13:30	8°♂17'08	1.71887 AU	minimum elong	-4767 Dec 13 j 15:39	18°♄21'59 4°23'21
				-4767 Dec 19 j 05:25	14°♄57'06	
superior conj	-4769 Jul 14 j 20:58	13°♂40'55	1°09'04	direct	-4766 Jan 03 j 14:27	10°♄13'40
minimum elong	-4769 Jul 14 j 12:25	13°♂14'07	1°09'03	greatest brilliancy	-4766 Jan 12 j 11:56	11°♄42'44 -4.8m
	-4769 Jul 27 j 21:17	0°♂		-4766 Feb 09 j 23:12	0°♂	
	-4769 Aug 20 j 17:59	0°♂		-4766 Feb 21 j 15:19	10°♂40'16	46°01'20
evening rise	-4769 Aug 21 j 20:42	1°♂23'59		-4766 Mar 12 j 17:45	0°♂	
	-4769 Sep 13 j 15:01	0°♂		-4766 Mar 17 j 05:11	4°♂45'12	
desc. node	-4769 Sep 30 j 08:21	20°♂56'29		-4766 Apr 09 j 03:36	0°≈	
	-4769 Oct 07 j 14:23	0°♂		-4766 May 05 j 06:06	0°♂	

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

	-4766 May 30 j 13:53	0°♈			-4763 Jan 13 j 11:41	0°♊		
	-4766 Jun 24 j 07:50	0°♉		greatest brilliancy	-4763 Jan 20 j 17:54	3°♊32'18	-4.8m	
asc. node	-4766 Jul 07 j 23:18	16°♉47'33		retrograde	-4763 Jan 31 j 16:59	5°♊45'36		
	-4766 Jul 18 j 14:51	0°♊			-4763 Feb 17 j 21:23	30°♊30		
	-4766 Aug 11 j 13:58	0°♋		evening set	-4763 Feb 18 j 10:24	29°♋40'07		
morning set	-4766 Aug 17 j 12:21	7°♋28'10		inferior conj	-4763 Feb 22 j 02:09	27°♋21'18	8°05'57	
	-4766 Sep 04 j 08:43	0°♌		minimum elong	-4763 Feb 22 j 05:09	27°♋16'29	8°05'36	
				min. Earth dist.	-4763 Feb 22 j 01:04	27°♋23'03	0.29320 AU	
superior conj	-4766 Sep 26 j 07:52	27°♌45'01	1°04'36	morning rise	-4763 Feb 26 j 00:06	24°♋53'24		
minimum elong	-4766 Sep 26 j 19:06	28°♌20'28	1°04'23	direct	-4763 Mar 15 j 17:51	18°♋55'45		
	-4766 Sep 28 j 02:38	0°♍		greatest brilliancy	-4763 Mar 25 j 07:25	20°♋35'36	-4.7m	
max. Earth dist.	-4766 Sep 28 j 19:27	0°♍53'04	1.70843 AU		-4763 Apr 11 j 13:23	0°♎		
	-4766 Oct 21 j 22:16	0°♎		desc. node	-4763 Apr 13 j 16:16	1°♎33'01		
desc. node	-4766 Oct 27 j 20:51	7°♎27'36		morning max el	-4763 May 03 j 13:51	18°♎42'18	45°50'43	
evening rise	-4766 Nov 07 j 22:27	21°♎19'41			-4763 May 14 j 23:56	0°♏		
	-4766 Nov 14 j 20:57	0°♏			-4763 Jun 11 j 18:50	0°♐		
	-4766 Dec 08 j 23:17	0°♑			-4763 Jul 07 j 17:10	0°♑		
	-4765 Jan 02 j 06:12	0°♒			-4763 Aug 01 j 15:02	0°♊		
	-4765 Jan 26 j 19:59	0°♓		asc. node	-4763 Aug 04 j 11:24	3°♊29'16		
asc. node	-4765 Feb 17 j 13:24	26°♓04'53			-4763 Aug 25 j 21:37	0°♋		
	-4765 Feb 20 j 20:41	0°♌			-4763 Sep 18 j 19:37	0°♌		
	-4765 Mar 18 j 15:02	0°♍			-4763 Oct 12 j 14:32	0°♍		
	-4765 Apr 14 j 16:33	0°♉		morning set	-4763 Nov 01 j 13:33	25°♍08'23		
evening max el	-4765 May 07 j 07:25	22°♉59'48	45°28'44		-4763 Nov 05 j 10:22	0°♎		
	-4765 May 14 j 21:38	0°♊		desc. node	-4763 Nov 24 j 09:20	23°♎45'31		
desc. node	-4765 Jun 09 j 12:42	18°♊34'26			-4763 Nov 29 j 09:12	0°♋		
greatest brilliancy	-4765 Jun 15 j 06:53	20°♊59'25	-4.8m					
retrograde	-4765 Jun 25 j 05:01	22°♊44'59		superior conj	-4763 Dec 13 j 19:15	17°♋58'29	-0°42'51	
evening set	-4765 Jul 11 j 10:40	17°♊47'50		minimum elong	-4763 Dec 13 j 09:25	17°♋27'54	0°42'36	
inferior conj	-4765 Jul 16 j 04:34	15°♊00'25	-7°27'15	max. Earth dist.	-4763 Dec 18 j 15:06	23°♋58'47	1.72100 AU	
minimum elong	-4765 Jul 15 j 18:53	15°♊15'02	7°25'26		-4763 Dec 23 j 11:22	0°♌		
min. Earth dist.	-4765 Jul 16 j 10:14	14°♊51'52	0.27521 AU		-4762 Jan 16 j 16:37	0°♍		
morning rise	-4765 Jul 20 j 02:50	12°♊40'24		evening rise	-4762 Jan 23 j 00:10	7°♋47'50		
direct	-4765 Aug 06 j 06:34	7°♊08'20			-4762 Feb 10 j 01:04	0°♎		
greatest brilliancy	-4765 Aug 17 j 04:36	9°♊21'15	-4.9m		-4762 Mar 06 j 13:36	0°♏		
	-4765 Sep 15 j 10:15	0°♋		asc. node	-4762 Mar 17 j 01:43	12°♏46'05		
morning max el	-4765 Sep 25 j 23:02	10°♋18'13	46°49'34		-4762 Mar 31 j 07:42	0°♐		
asc. node	-4765 Sep 30 j 08:17	14°♋50'37			-4762 Apr 25 j 09:14	0°♑		
	-4765 Oct 14 j 06:49	0°♌			-4762 May 20 j 21:20	0°♊		
	-4765 Nov 09 j 05:03	0°♍			-4762 Jun 16 j 03:24	0°♋		
	-4765 Dec 04 j 05:38	0°♎		desc. node	-4762 Jul 07 j 00:09	22°♋42'46		
	-4765 Dec 28 j 23:50	0°♏			-4762 Jul 14 j 01:02	0°♌		
desc. node	-4764 Jan 20 j 07:58	27°♏07'22		evening max el	-4762 Jul 19 j 21:06	5°♌50'52	46°57'08	
	-4764 Jan 22 j 16:51	0°♑			-4762 Aug 17 j 09:34	0°♍		
	-4764 Feb 16 j 09:29	0°♒		greatest brilliancy	-4762 Aug 30 j 01:42	6°♍22'00	-4.9m	
	-4764 Mar 12 j 01:01	0°♓		retrograde	-4762 Sep 08 j 02:43	7°♍54'11		
morning set	-4764 Mar 30 j 07:23	22°♓17'51		evening set	-4762 Sep 24 j 11:11	2°♍44'59		
	-4764 Apr 05 j 14:31	0°♌		inferior conj	-4762 Sep 28 j 17:03	0°♎12'46	-6°39'56	
	-4764 Apr 30 j 01:21	0°♍		minimum elong	-4762 Sep 29 j 03:48	29°♌56'22	6°37'28	
max. Earth dist.	-4764 May 02 j 02:20	2°♍30'36	1.73495 AU	min. Earth dist.	-4762 Sep 28 j 20:53	0°♍06'54	0.26457 AU	
					-4762 Sep 29 j 01:25	30°♌00		
superior conj	-4764 May 05 j 01:58	6°♍11'03	-0°16'11	morning rise	-4762 Oct 03 j 20:20	27°♌10'33		
minimum elong	-4764 May 05 j 05:04	6°♍20'35	0°16'02	direct	-4762 Oct 18 j 23:23	22°♌38'18		
asc. node	-4764 May 12 j 00:36	14°♍44'24		asc. node	-4762 Oct 27 j 19:18	24°♌08'27		
	-4764 May 24 j 09:16	0°♉		greatest brilliancy	-4762 Oct 29 j 07:29	24°♌40'24	-4.9m	
evening rise	-4764 Jun 09 j 16:08	20°♉09'35			-4762 Nov 08 j 13:11	0°♍		
	-4764 Jun 17 j 14:31	0°♊		morning max el	-4762 Dec 08 j 09:08	25°♍43'23	46°38'11	
	-4764 Jul 11 j 18:10	0°♋			-4762 Dec 12 j 13:40	0°♎		
	-4764 Aug 04 j 21:57	0°♌			-4761 Jan 09 j 04:25	0°♏		
	-4764 Aug 29 j 03:59	0°♍			-4761 Feb 04 j 09:08	0°♑		
desc. node	-4764 Aug 31 j 21:59	3°♍23'19		desc. node	-4761 Feb 16 j 19:46	14°♑30'54		
	-4764 Sep 22 j 14:45	0°♎			-4761 Mar 01 j 23:51	0°♒		
	-4764 Oct 17 j 10:04	0°♏			-4761 Mar 27 j 05:52	0°♓		
	-4764 Nov 11 j 22:50	0°♑			-4761 Apr 21 j 04:38	0°♌		
	-4764 Dec 09 j 06:56	0°♒			-4761 May 15 j 20:34	0°♍		
evening max el	-4764 Dec 12 j 19:05	3°♒34'26	46°22'04	morning set	-4761 Jun 05 j 23:18	25°♍57'09		
asc. node	-4764 Dec 22 j 15:57	13°♒06'43			-4761 Jun 09 j 05:53	0°♉		

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

asc. node	-4761 Jun 09 j 13:10	0°♄22'31		min. Earth dist.	-4759 Dec 10 j 12:49	16°♌27'00	0.27428 AU
	-4761 Jul 03 j 09:17	0°♄		inferior conj	-4759 Dec 11 j 14:18	15°♌46'48	4°07'05
max. Earth dist.	-4761 Jul 08 j 06:30	6°♄06'05	1.71955 AU	minimum elong	-4759 Dec 11 j 06:27	15°♌59'11	4°04'48
				morning rise	-4759 Dec 16 j 22:15	12°♌32'08	
superior conj	-4761 Jul 12 j 13:35	11°♄28'29	1°07'08	direct	-4758 Jan 01 j 04:22	7°♌52'42	
minimum elong	-4761 Jul 12 j 04:51	11°♄01'10	1°07'07	greatest brilliancy	-4758 Jan 10 j 01:53	9°♌22'19	-4.8m
	-4761 Jul 27 j 08:16	0°♄			-4758 Feb 10 j 04:20	0°♄	
evening rise	-4761 Aug 19 j 09:31	28°♄58'21		morning max el	-4758 Feb 19 j 07:00	8°♄26'45	46°02'20
	-4761 Aug 20 j 05:08	0°♄			-4758 Mar 12 j 11:26	0°♄	
	-4761 Sep 13 j 02:22	0°♄		desc. node	-4758 Mar 16 j 07:16	4°♄05'20	
desc. node	-4761 Sep 29 j 10:21	20°♄26'48			-4758 Apr 08 j 17:56	0°♄	
	-4761 Oct 07 j 01:57	0°♄			-4758 May 04 j 18:55	0°♄	
	-4761 Oct 31 j 05:17	0°♌			-4758 May 30 j 01:54	0°♄	
	-4761 Nov 24 j 14:20	0°♄			-4758 Jun 23 j 19:23	0°♄	
	-4761 Dec 19 j 09:23	0°♄		asc. node	-4758 Jul 07 j 01:28	16°♄19'00	
asc. node	-4760 Jan 13 j 23:55	0°♄			-4758 Jul 18 j 02:10	0°♄	
	-4760 Jan 20 j 03:30	6°♄58'28			-4758 Aug 11 j 01:11	0°♄	
	-4760 Feb 10 j 08:26	0°♄		morning set	-4758 Aug 15 j 02:06	5°♄04'59	
evening max el	-4760 Feb 22 j 13:24	12°♄12'59	45°10'50		-4758 Sep 03 j 19:57	0°♄	
	-4760 Mar 14 j 06:42	0°♄					
greatest brilliancy	-4760 Mar 31 j 04:31	9°♄32'16	-4.7m	superior conj	-4758 Sep 23 j 18:14	25°♄10'37	1°07'00
retrograde	-4760 Apr 10 j 18:42	11°♄32'53		minimum elong	-4758 Sep 24 j 05:10	25°♄45'08	1°06'51
evening set	-4760 Apr 26 j 01:57	7°♄06'13		max. Earth dist.	-4758 Sep 26 j 02:40	28°♄08'44	1.70839 AU
inferior conj	-4760 May 02 j 04:57	3°♄28'36	2°02'23		-4758 Sep 27 j 13:55	0°♄	
minimum elong	-4760 May 02 j 09:17	3°♄21'54	2°01'11		-4758 Oct 21 j 09:38	0°♄	
min. Earth dist.	-4760 May 03 j 00:20	2°♄58'35	0.28864 AU	desc. node	-4758 Oct 26 j 22:58	6°♄58'33	
	-4760 May 07 j 23:46	30°♄		evening rise	-4758 Nov 05 j 07:04	18°♄40'46	
morning rise	-4760 May 08 j 15:49	29°♄37'44			-4758 Nov 14 j 08:22	0°♄	
desc. node	-4760 May 11 j 03:28	28°♄20'47			-4758 Dec 08 j 10:47	0°♄	
direct	-4760 May 23 j 23:05	25°♄08'45			-4757 Jan 01 j 17:53	0°♄	
greatest brilliancy	-4760 Jun 04 j 03:52	27°♄22'36	-4.7m		-4757 Jan 26 j 08:00	0°♄	
	-4760 Jun 09 j 21:46	0°♄		asc. node	-4757 Feb 16 j 15:28	25°♄33'40	
morning max el	-4760 Jul 12 j 12:30	25°♄58'23	46°17'39		-4757 Feb 20 j 09:24	0°♄	
	-4760 Jul 16 j 13:47	0°♄			-4757 Mar 18 j 05:13	0°♄	
	-4760 Aug 13 j 07:50	0°♄			-4757 Apr 14 j 10:05	0°♄	
asc. node	-4760 Aug 31 j 23:04	21°♄43'54		evening max el	-4757 May 04 j 22:30	20°♄44'51	45°26'30
	-4760 Sep 07 j 20:59	0°♄			-4757 May 15 j 02:27	0°♄	
	-4760 Oct 02 j 10:39	0°♄		desc. node	-4757 Jun 08 j 14:58	16°♄58'14	
	-4760 Oct 26 j 14:20	0°♄		greatest brilliancy	-4757 Jun 12 j 19:01	18°♄38'06	-4.8m
	-4760 Nov 19 j 15:50	0°♄		retrograde	-4757 Jun 22 j 17:53	20°♄23'57	
	-4760 Dec 13 j 19:05	0°♄		evening set	-4757 Jul 08 j 20:16	15°♄32'19	
desc. node	-4760 Dec 21 j 21:55	10°♄03'37		inferior conj	-4757 Jul 13 j 17:59	12°♄39'14	-7°14'24
	-4759 Jan 07 j 01:03	0°♄		minimum elong	-4757 Jul 13 j 08:00	12°♄54'21	7°12'26
morning set	-4759 Jan 17 j 02:22	12°♄24'16		min. Earth dist.	-4757 Jul 13 j 23:44	12°♄30'33	0.27558 AU
	-4759 Jan 31 j 09:11	0°♄		morning rise	-4757 Jul 17 j 19:28	10°♄14'19	
				direct	-4757 Aug 03 j 20:59	4°♄46'34	
superior conj	-4759 Feb 24 j 15:25	29°♄50'03	-1°21'03	greatest brilliancy	-4757 Aug 14 j 18:38	6°♄58'44	-4.9m
minimum elong	-4759 Feb 24 j 19:27	0°♄02'26	1°21'14		-4757 Sep 15 j 13:27	0°♄	
	-4759 Feb 24 j 18:39	0°♄		morning max el	-4757 Sep 23 j 12:10	7°♄51'28	46°49'04
max. Earth dist.	-4759 Feb 25 j 07:39	0°♄39'55	1.73531 AU	asc. node	-4757 Sep 29 j 10:23	14°♄01'06	
	-4759 Mar 21 j 05:02	0°♄			-4757 Oct 14 j 00:32	0°♄	
evening rise	-4759 Apr 02 j 07:10	14°♄49'46			-4757 Nov 08 j 19:48	0°♄	
asc. node	-4759 Apr 13 j 14:09	28°♄40'12			-4757 Dec 03 j 18:59	0°♄	
	-4759 Apr 14 j 16:12	0°♄			-4757 Dec 28 j 12:22	0°♄	
	-4759 May 09 j 04:17	0°♄		desc. node	-4756 Jan 19 j 10:00	26°♄36'56	
	-4759 Jun 02 j 17:45	0°♄			-4756 Jan 22 j 04:50	0°♄	
	-4759 Jun 27 j 09:56	0°♄			-4756 Feb 15 j 21:04	0°♄	
	-4759 Jul 22 j 07:38	0°♄			-4756 Mar 11 j 12:18	0°♄	
desc. node	-4759 Aug 03 j 11:52	14°♄29'52		morning set	-4756 Mar 28 j 01:46	20°♄13'20	
	-4759 Aug 16 j 16:04	0°♄			-4756 Apr 05 j 01:37	0°♄	
	-4759 Sep 11 j 23:05	0°♄			-4756 Apr 29 j 12:23	0°♄	
evening max el	-4759 Sep 30 j 12:27	19°♄49'33	47°35'51	max. Earth dist.	-4756 Apr 29 j 22:27	0°♄30'56	1.73525 AU
	-4759 Oct 10 j 20:52	0°♄					
greatest brilliancy	-4759 Nov 10 j 04:32	21°♄47'51	-4.9m	superior conj	-4756 May 02 j 20:54	4°♄07'38	-0°19'09
retrograde	-4759 Nov 20 j 17:29	23°♄56'57		minimum elong	-4756 May 03 j 00:32	4°♄18'50	0°18'59
asc. node	-4759 Nov 24 j 06:41	23°♄40'55		asc. node	-4756 May 11 j 02:49	14°♄17'06	
evening set	-4759 Dec 05 j 15:32	19°♄24'19			-4756 May 23 j 20:21	0°♄	

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

evening rise	-4756 Jun 07 j 10:52	18° U 04'11				-4754 Nov 09 j 17:56	0° U		
	-4756 Jun 17 j 01:48	0° U		morning max el		-4754 Dec 05 j 22:08	23° U 16'01	46°39'34	
	-4756 Jul 11 j 05:42	0° U				-4754 Dec 12 j 11:09	0° U		
	-4756 Aug 04 j 09:48	0° U				-4753 Jan 08 j 20:28	0° U		
	-4756 Aug 28 j 16:15	0° U				-4753 Feb 03 j 22:54	0° U		
desc. node	-4756 Aug 31 j 00:01	2° U 51'40		desc. node		-4753 Feb 15 j 21:52	13° U 58'41		
	-4756 Sep 22 j 03:35	0° U				-4753 Mar 01 j 12:24	0° U		
	-4756 Oct 16 j 23:52	0° U				-4753 Mar 26 j 17:42	0° U		
	-4756 Nov 11 j 14:32	0° U				-4753 Apr 20 j 16:02	0° U		
	-4756 Dec 09 j 03:45	0° U				-4753 May 15 j 07:44	0° U		
evening max el	-4756 Dec 10 j 10:16	1° U 17'19	46°25'05	morning set		-4753 Jun 03 j 17:29	23° U 50'55		
asc. node	-4756 Dec 21 j 18:05	12° U 10'47		asc. node		-4753 Jun 08 j 15:17	29° U 54'50		
	-4755 Jan 15 j 06:50	0° U				-4753 Jun 08 j 16:57	0° U		
greatest brilliancy	-4755 Jan 18 j 11:40	1° U 23'21	-4.8m			-4753 Jul 02 j 20:21	0° U		
retrograde	-4755 Jan 29 j 09:36	3° U 36'05		max. Earth dist.		-4753 Jul 06 j 00:08	3° U 56'36	1.72019 AU	
	-4755 Feb 11 j 18:58	30° U 3							
evening set	-4755 Feb 16 j 04:01	27° U 29'52		superior conj		-4753 Jul 10 j 06:02	9° U 15'05	1°05'06	
inferior conj	-4755 Feb 19 j 19:12	25° U 11'47	8°09'10	minimum elong		-4753 Jul 09 j 21:11	8° U 47'25	1°05'03	
minimum elong	-4755 Feb 19 j 21:33	25° U 08'02	8°08'51			-4753 Jul 26 j 19:25	0° U		
min. Earth dist.	-4755 Feb 19 j 17:04	25° U 15'14	0.29294 AU	evening rise		-4753 Aug 16 j 22:24	26° U 32'30		
morning rise	-4755 Feb 23 j 15:14	22° U 46'30				-4753 Aug 19 j 16:27	0° U		
direct	-4755 Mar 13 j 10:08	16° U 46'48				-4753 Sep 12 j 13:53	0° U		
greatest brilliancy	-4755 Mar 22 j 22:37	18° U 25'26	-4.7m	desc. node		-4753 Sep 28 j 12:30	19° U 57'05		
	-4755 Apr 12 j 03:43	0° U				-4753 Oct 06 j 13:41	0° U		
desc. node	-4755 Apr 12 j 18:25	0° U 28'01				-4753 Oct 30 j 17:16	0° U		
morning max el	-4755 May 01 j 04:53	16° U 29'47	45°50'20			-4753 Nov 24 j 02:40	0° U		
	-4755 May 14 j 18:44	0° U				-4753 Dec 18 j 22:23	0° U		
	-4755 Jun 11 j 09:35	0° U				-4752 Jan 13 j 14:26	0° U		
	-4755 Jul 07 j 06:16	0° U		asc. node		-4752 Jan 19 j 05:34	6° U 21'56		
	-4755 Aug 01 j 03:20	0° U				-4752 Feb 10 j 03:04	0° U		
asc. node	-4755 Aug 03 j 13:25	2° U 57'56		evening max el		-4752 Feb 20 j 05:11	10° U 02'36	45°12'06	
	-4755 Aug 25 j 09:31	0° U				-4752 Mar 14 j 23:42	0° U		
	-4755 Sep 18 j 07:16	0° U		greatest brilliancy		-4752 Mar 28 j 19:30	7° U 23'03	-4.7m	
	-4755 Oct 12 j 02:01	0° U		retrograde		-4752 Apr 08 j 11:23	9° U 25'00		
morning set	-4755 Oct 29 j 23:30	22° U 32'51		evening set		-4752 Apr 23 j 19:53	4° U 55'22		
	-4755 Nov 04 j 21:45	0° U		inferior conj		-4752 Apr 29 j 21:14	1° U 19'36	2°21'02	
desc. node	-4755 Nov 23 j 11:33	23° U 17'04		minimum elong		-4752 Apr 30 j 02:10	1° U 11'57	2°19'40	
	-4755 Nov 28 j 20:29	0° U		min. Earth dist.		-4752 Apr 30 j 16:29	0° U 49'47	0.28910 AU	
						-4752 May 02 j 00:47	30° U 8		
superior conj	-4755 Dec 11 j 05:59	15° U 27'34	-0°39'33	morning rise		-4752 May 06 j 07:47	27° U 29'16		
minimum elong	-4755 Dec 10 j 20:38	14° U 58'26	0°39'19	desc. node		-4752 May 10 j 05:44	25° U 32'47		
max. Earth dist.	-4755 Dec 16 j 04:39	21° U 36'48	1.72037 AU	direct		-4752 May 21 j 16:03	22° U 58'56		
	-4755 Dec 22 j 22:35	0° U		greatest brilliancy		-4752 Jun 01 j 19:57	25° U 12'28	-4.7m	
	-4754 Jan 16 j 03:47	0° U				-4752 Jun 11 j 09:14	0° U		
evening rise	-4754 Jan 20 j 14:27	5° U 29'17		morning max el		-4752 Jul 10 j 05:21	23° U 47'40	46°16'18	
	-4754 Feb 09 j 12:17	0° U				-4752 Jul 16 j 10:21	0° U		
	-4754 Mar 06 j 01:01	0° U				-4752 Aug 12 j 23:17	0° U		
asc. node	-4754 Mar 16 j 03:47	12° U 17'16		asc. node		-4752 Aug 31 j 01:16	21° U 08'55		
	-4754 Mar 30 j 19:32	0° U				-4752 Sep 07 j 10:32	0° U		
	-4754 Apr 24 j 21:49	0° U				-4752 Oct 01 j 23:16	0° U		
	-4754 May 20 j 11:14	0° U				-4752 Oct 26 j 02:26	0° U		
	-4754 Jun 15 j 19:47	0° U				-4752 Nov 19 j 03:36	0° U		
desc. node	-4754 Jul 06 j 02:12	21° U 55'17				-4752 Dec 13 j 06:34	0° U		
	-4754 Jul 13 j 23:29	0° U		desc. node		-4752 Dec 20 j 23:53	9° U 34'24		
evening max el	-4754 Jul 17 j 08:39	3° U 21'36	46°54'02			-4751 Jan 06 j 12:17	0° U		
	-4754 Aug 19 j 00:47	0° U		morning set		-4751 Jan 14 j 15:32	10° U 02'29		
greatest brilliancy	-4754 Aug 27 j 14:39	3° U 51'47	-4.9m			-4751 Jan 30 j 20:12	0° U		
retrograde	-4754 Sep 05 j 14:00	5° U 23'00							
evening set	-4754 Sep 22 j 02:30	0° U 08'57		superior conj		-4751 Feb 22 j 08:25	27° U 41'22	-1°21'43	
	-4754 Sep 22 j 08:44	30° U 8		minimum elong		-4751 Feb 22 j 11:49	27° U 51'48	1°21'55	
inferior conj	-4754 Sep 26 j 05:00	27° U 42'01	-6°56'09	max. Earth dist.		-4751 Feb 23 j 05:01	28° U 44'38	1.73500 AU	
minimum elong	-4754 Sep 26 j 15:40	27° U 25'47	6°53'47			-4751 Feb 24 j 05:32	0° U		
min. Earth dist.	-4754 Sep 26 j 09:58	27° U 34'27	0.26474 AU			-4751 Mar 20 j 15:53	0° U		
morning rise	-4754 Oct 01 j 04:40	24° U 44'58		evening rise		-4751 Mar 31 j 02:09	12° U 47'32		
direct	-4754 Oct 16 j 11:07	20° U 07'04		asc. node		-4751 Apr 12 j 16:22	28° U 13'28		
asc. node	-4754 Oct 26 j 21:35	22° U 11'21				-4751 Apr 14 j 03:09	0° U		
greatest brilliancy	-4754 Oct 26 j 21:24	22° U 11'11	-4.9m			-4751 May 08 j 15:30	0° U		

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

	-4751 Jun 02 j 05:24	0°♐			-4748 Jan 21 j 16:30	0°♈		
	-4751 Jun 26 j 22:16	0°♉			-4748 Feb 15 j 08:20	0°♉		
	-4751 Jul 21 j 20:57	0°♊			-4748 Mar 10 j 23:16	0°♊		
desc. node	-4751 Aug 02 j 13:55	13°♊54'41		morning set	-4748 Mar 25 j 20:16	18°♊10'07		
	-4751 Aug 16 j 07:00	0°♋			-4748 Apr 04 j 12:22	0°♋		
	-4751 Sep 11 j 17:14	0°♌		max. Earth dist.	-4748 Apr 27 j 18:11	28°♋31'15	1.73551 AU	
evening max el	-4751 Sep 28 j 04:36	17°♌30'44	47°36'37		-4748 Apr 28 j 23:03	0°♌		
	-4751 Oct 11 j 01:15	0°♍						
greatest brilliancy	-4751 Nov 07 j 19:47	19°♍24'54	-4.9m	superior conj	-4748 Apr 30 j 16:13	2°♌06'36	-0°22'04	
retrograde	-4751 Nov 18 j 08:55	21°♍33'38		minimum elong	-4748 Apr 30 j 20:23	2°♌19'23	0°21'52	
asc. node	-4751 Nov 23 j 08:50	21°♍01'48		asc. node	-4748 May 10 j 04:55	13°♌50'40		
evening set	-4751 Dec 03 j 04:29	17°♍03'49			-4748 May 23 j 07:04	0°♍		
min. Earth dist.	-4751 Dec 08 j 03:09	14°♍04'34	0.27351 AU	evening rise	-4748 Jun 05 j 06:06	16°♍01'40		
inferior conj	-4751 Dec 09 j 04:35	13°♍24'29	3°47'51		-4748 Jun 16 j 12:41	0°♍		
minimum elong	-4751 Dec 08 j 21:11	13°♍36'09	3°45'39		-4748 Jul 10 j 16:52	0°♎		
morning rise	-4751 Dec 14 j 14:51	10°♍07'02			-4748 Aug 03 j 21:20	0°♏		
direct	-4751 Dec 29 j 18:28	5°♍31'49			-4748 Aug 28 j 04:16	0°♐		
greatest brilliancy	-4750 Jan 07 j 15:36	7°♍01'34	-4.8m	desc. node	-4748 Aug 30 j 02:12	2°♐21'13		
	-4750 Feb 10 j 07:29	0°♑			-4748 Sep 21 j 16:17	0°♑		
morning max el	-4750 Feb 16 j 22:16	6°♑12'36	46°03'26		-4748 Oct 16 j 13:36	0°♒		
	-4750 Mar 12 j 04:30	0°♒			-4748 Nov 11 j 06:16	0°♑		
desc. node	-4750 Mar 15 j 09:24	3°♒26'41		evening max el	-4748 Dec 08 j 00:33	28°♑58'19	46°28'19	
	-4750 Apr 08 j 07:50	0°♓			-4748 Dec 09 j 01:04	0°♒		
	-4750 May 04 j 07:22	0°♈		asc. node	-4748 Dec 20 j 20:08	11°♒14'08		
	-4750 May 29 j 13:35	0°♉		greatest brilliancy	-4747 Jan 16 j 05:17	29°♒14'45	-4.8m	
	-4750 Jun 23 j 06:41	0°♊			-4747 Jan 18 j 08:14	0°♓		
asc. node	-4750 Jul 06 j 03:30	15°♊50'38		retrograde	-4747 Jan 27 j 02:20	1°♓27'25		
	-4750 Jul 17 j 13:17	0°♋			-4747 Feb 04 j 13:04	30°♓		
	-4750 Aug 10 j 12:16	0°♌		evening set	-4747 Feb 13 j 21:23	25°♓20'34		
morning set	-4750 Aug 12 j 15:44	2°♌41'56		inferior conj	-4747 Feb 17 j 12:15	23°♓03'01	8°11'44	
	-4750 Sep 03 j 07:04	0°♍		minimum elong	-4747 Feb 17 j 13:55	23°♓00'20	8°11'27	
				min. Earth dist.	-4747 Feb 17 j 09:08	23°♓08'00	0.29262 AU	
superior conj	-4750 Sep 21 j 04:32	22°♍36'29	1°09'17	morning rise	-4747 Feb 21 j 06:36	20°♓40'11		
minimum elong	-4750 Sep 21 j 15:05	23°♍09'46	1°09'09	direct	-4747 Mar 11 j 02:01	14°♓38'30		
max. Earth dist.	-4750 Sep 23 j 05:49	25°♍12'02	1.70833 AU	greatest brilliancy	-4747 Mar 20 j 14:14	16°♓16'38	-4.7m	
	-4750 Sep 27 j 01:04	0°♎		desc. node	-4747 Apr 11 j 20:39	29°♓25'47		
	-4750 Oct 20 j 20:48	0°♏			-4747 Apr 12 j 13:58	0°♓		
desc. node	-4750 Oct 26 j 01:07	6°♏30'10		morning max el	-4747 Apr 28 j 20:11	14°♓19'00	45°50'12	
evening rise	-4750 Nov 02 j 15:19	16°♏01'12			-4747 May 14 j 12:38	0°♈		
	-4750 Nov 13 j 19:36	0°♐			-4747 Jun 10 j 23:43	0°♉		
	-4750 Dec 07 j 22:06	0°♑			-4747 Jul 06 j 18:51	0°♊		
	-4749 Jan 01 j 05:22	0°♒			-4747 Jul 31 j 15:09	0°♋		
	-4749 Jan 25 j 19:49	0°♓		asc. node	-4747 Aug 02 j 15:38	2°♋28'37		
asc. node	-4749 Feb 15 j 17:38	25°♓03'30			-4747 Aug 24 j 20:58	0°♌		
	-4749 Feb 19 j 21:54	0°♈			-4747 Sep 17 j 18:32	0°♍		
	-4749 Mar 17 j 19:11	0°♉			-4747 Oct 11 j 13:12	0°♎		
	-4749 Apr 14 j 03:32	0°♊		morning set	-4747 Oct 27 j 09:10	19°♎57'10		
evening max el	-4749 May 02 j 12:51	18°♊29'32	45°24'22		-4747 Nov 04 j 08:53	0°♏		
	-4749 May 15 j 08:35	0°♋		desc. node	-4747 Nov 22 j 13:34	22°♏48'40		
desc. node	-4749 Jun 07 j 16:56	15°♋19'47			-4747 Nov 28 j 07:34	0°♌		
greatest brilliancy	-4749 Jun 10 j 07:45	16°♋19'12	-4.8m					
retrograde	-4749 Jun 20 j 06:30	18°♋05'03		superior conj	-4747 Dec 08 j 16:00	12°♌54'58	-0°36'06	
evening set	-4749 Jul 06 j 06:13	13°♋18'29		minimum elong	-4747 Dec 08 j 07:13	12°♌27'36	0°35'53	
inferior conj	-4749 Jul 11 j 07:41	10°♋20'04	-7°00'51	max. Earth dist.	-4747 Dec 13 j 14:22	19°♌03'25	1.71975 AU	
minimum elong	-4749 Jul 10 j 21:29	10°♋35'31	6°58'43		-4747 Dec 22 j 09:35	0°♑		
min. Earth dist.	-4749 Jul 11 j 13:51	10°♋10'44	0.27603 AU		-4746 Jan 15 j 14:44	0°♒		
morning rise	-4749 Jul 15 j 12:24	7°♋50'09		evening rise	-4746 Jan 18 j 04:04	3°♒09'23		
direct	-4749 Aug 01 j 11:13	2°♋26'31			-4746 Feb 08 j 23:15	0°♓		
greatest brilliancy	-4749 Aug 12 j 09:39	4°♋38'44	-4.9m		-4746 Mar 05 j 12:11	0°♈		
	-4749 Sep 15 j 14:57	0°♌		asc. node	-4746 Mar 15 j 06:01	11°♈49'49		
morning max el	-4749 Sep 21 j 00:36	5°♌23'34	46°48'24		-4746 Mar 30 j 07:07	0°♉		
asc. node	-4749 Sep 28 j 12:38	13°♌13'13			-4746 Apr 24 j 10:10	0°♊		
	-4749 Oct 13 j 17:42	0°♍			-4746 May 20 j 00:54	0°♋		
	-4749 Nov 08 j 10:13	0°♎			-4746 Jun 15 j 12:00	0°♌		
	-4749 Dec 03 j 08:02	0°♏		desc. node	-4746 Jul 05 j 04:21	21°♌08'45		
	-4749 Dec 28 j 00:36	0°♐			-4746 Jul 13 j 22:13	0°♍		
desc. node	-4748 Jan 18 j 12:05	26°♐07'36		evening max el	-4746 Jul 14 j 20:44	0°♎55'26	46°51'03	

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

	-4746 Aug 21 j 12:00	0°♍		morning set	-4743 Jan 12 j 04:26	7°♌40'08	
greatest brilliancy	-4746 Aug 25 j 02:50	1°♍22'48	-4.9m		-4743 Jan 30 j 07:08	0°♌	
retrograde	-4746 Sep 03 j 01:59	2°♍54'02					
	-4746 Sep 15 j 03:10	30°♋♌		superior conj	-4743 Feb 20 j 00:51	25°♌30'56	-1°22'16
evening set	-4746 Sep 19 j 17:56	27°♌34'48		minimum elong	-4743 Feb 20 j 03:35	25°♌39'20	1°22'29
inferior conj	-4746 Sep 23 j 17:05	25°♌13'03	-7°11'15	max. Earth dist.	-4743 Feb 21 j 02:27	26°♌49'38	1.73471 AU
minimum elong	-4746 Sep 24 j 03:36	24°♌57'05	7°09'01		-4743 Feb 23 j 16:23	0°♌	
min. Earth dist.	-4746 Sep 23 j 22:41	25°♌04'33	0.26500 AU		-4743 Mar 20 j 02:43	0°♌	
morning rise	-4746 Sep 28 j 13:07	22°♌21'31		evening rise	-4743 Mar 28 j 20:31	10°♌43'25	
direct	-4746 Oct 13 j 23:32	17°♌37'35		asc. node	-4743 Apr 11 j 18:25	27°♌46'17	
greatest brilliancy	-4746 Oct 24 j 11:01	19°♌43'09	-4.9m		-4743 Apr 13 j 14:06	0°♌	
asc. node	-4746 Oct 25 j 23:42	20°♌20'17			-4743 May 08 j 02:42	0°♌	
	-4746 Nov 10 j 14:21	0°♍			-4743 Jun 01 j 17:04	0°♌	
morning max el	-4746 Dec 03 j 12:11	20°♍51'57	46°40'34		-4743 Jun 26 j 10:37	0°♌	
	-4746 Dec 12 j 07:40	0°♌			-4743 Jul 21 j 10:20	0°♌	
	-4745 Jan 08 j 12:07	0°♌		desc. node	-4743 Aug 01 j 16:07	13°♌19'51	
	-4745 Feb 03 j 12:26	0°♌			-4743 Aug 15 j 22:03	0°♌	
desc. node	-4745 Feb 15 j 00:04	13°♌27'13			-4743 Sep 11 j 11:42	0°♌	
	-4745 Mar 01 j 00:43	0°♌		evening max el	-4743 Sep 25 j 20:49	15°♌12'25	47°37'17
	-4745 Mar 26 j 05:17	0°♌			-4743 Oct 11 j 07:20	0°♌	
	-4745 Apr 20 j 03:11	0°♌		greatest brilliancy	-4743 Nov 05 j 11:29	17°♌03'07	-4.9m
	-4745 May 14 j 18:37	0°♌		retrograde	-4743 Nov 16 j 00:02	19°♌10'49	
morning set	-4745 Jun 01 j 11:47	21°♌45'57		asc. node	-4743 Nov 22 j 10:51	18°♌17'55	
asc. node	-4745 Jun 07 j 17:17	29°♌27'39		evening set	-4743 Nov 30 j 17:46	14°♌43'50	
	-4745 Jun 08 j 03:45	0°♌		min. Earth dist.	-4743 Dec 05 j 17:46	11°♌42'37	0.27276 AU
	-4745 Jul 02 j 07:09	0°♌		inferior conj	-4743 Dec 06 j 18:58	11°♌02'53	3°28'13
max. Earth dist.	-4745 Jul 03 j 16:51	1°♌45'10	1.72077 AU	minimum elong	-4743 Dec 06 j 12:04	11°♌13'45	3°26'08
				morning rise	-4743 Dec 12 j 07:25	7°♌42'36	
superior conj	-4745 Jul 07 j 22:50	7°♌03'43	1°02'59	direct	-4743 Dec 27 j 08:42	3°♌11'46	
minimum elong	-4745 Jul 07 j 13:55	6°♌35'51	1°02'54	greatest brilliancy	-4742 Jan 05 j 05:34	4°♌41'31	-4.8m
	-4745 Jul 26 j 06:17	0°♌			-4742 Feb 10 j 09:02	0°♌	
evening rise	-4745 Aug 14 j 11:56	24°♌09'40		morning max el	-4742 Feb 14 j 12:36	3°♌56'18	46°04'18
	-4745 Aug 19 j 03:27	0°♌			-4742 Mar 11 j 21:15	0°♌	
	-4745 Sep 12 j 01:05	0°♌		desc. node	-4742 Mar 14 j 11:35	2°♌48'27	
desc. node	-4745 Sep 27 j 14:39	19°♌28'29			-4742 Apr 07 j 21:42	0°♌	
	-4745 Oct 06 j 01:05	0°♌			-4742 May 03 j 19:52	0°♌	
	-4745 Oct 30 j 04:57	0°♌			-4742 May 29 j 01:21	0°♌	
	-4745 Nov 23 j 14:47	0°♌			-4742 Jun 22 j 18:01	0°♌	
	-4745 Dec 18 j 11:18	0°♌		asc. node	-4742 Jul 05 j 05:42	15°♌22'43	
	-4744 Jan 13 j 05:03	0°♌			-4742 Jul 17 j 00:26	0°♌	
asc. node	-4744 Jan 18 j 07:47	5°♌45'41			-4742 Aug 09 j 23:22	0°♌	
	-4744 Feb 09 j 22:11	0°♌		morning set	-4742 Aug 10 j 05:21	0°♌18'49	
evening max el	-4744 Feb 17 j 21:28	7°♌53'26	45°13'30		-4742 Sep 02 j 18:13	0°♌	
	-4744 Mar 15 j 22:49	0°♌					
greatest brilliancy	-4744 Mar 26 j 10:56	5°♌14'24	-4.7m	superior conj	-4742 Sep 18 j 15:07	20°♌03'04	1°11'24
retrograde	-4744 Apr 06 j 03:54	7°♌16'56		minimum elong	-4742 Sep 19 j 01:10	20°♌34'50	1°11'18
evening set	-4744 Apr 21 j 13:52	2°♌44'32		max. Earth dist.	-4742 Sep 20 j 05:42	22°♌04'52	1.70832 AU
	-4744 Apr 26 j 05:30	30°♋♌			-4742 Sep 26 j 12:16	0°♌	
inferior conj	-4744 Apr 27 j 13:25	29°♌10'36	2°39'29		-4742 Oct 20 j 08:02	0°♌	
minimum elong	-4744 Apr 27 j 18:55	29°♌02'03	2°37'58	desc. node	-4742 Oct 25 j 03:07	6°♌01'10	
min. Earth dist.	-4744 Apr 28 j 08:19	28°♌41'16	0.28951 AU	evening rise	-4742 Oct 30 j 23:40	13°♌21'45	
morning rise	-4744 May 03 j 23:26	25°♌20'55			-4742 Nov 13 j 06:52	0°♌	
desc. node	-4744 May 09 j 07:43	22°♌48'48			-4742 Dec 07 j 09:26	0°♌	
direct	-4744 May 19 j 09:06	20°♌49'23			-4742 Dec 31 j 16:52	0°♌	
greatest brilliancy	-4744 May 30 j 11:09	23°♌01'36	-4.7m		-4741 Jan 25 j 07:41	0°♌	
	-4744 Jun 12 j 10:15	0°♌		asc. node	-4741 Feb 14 j 19:48	24°♌32'59	
morning max el	-4744 Jul 07 j 21:53	21°♌36'48	46°14'59		-4741 Feb 19 j 10:33	0°♌	
	-4744 Jul 16 j 06:06	0°♌			-4741 Mar 17 j 09:28	0°♌	
	-4744 Aug 12 j 14:20	0°♌			-4741 Apr 13 j 21:39	0°♌	
asc. node	-4744 Aug 30 j 03:24	20°♌34'34		evening max el	-4741 Apr 30 j 02:26	16°♌11'41	45°22'16
	-4744 Sep 06 j 23:46	0°♌			-4741 May 15 j 17:36	0°♌	
	-4744 Oct 01 j 11:36	0°♌		desc. node	-4741 Jun 06 j 19:07	13°♌36'50	
	-4744 Oct 25 j 14:17	0°♌		greatest brilliancy	-4741 Jun 07 j 20:34	13°♌59'33	-4.8m
	-4744 Nov 18 j 15:07	0°♌		retrograde	-4741 Jun 17 j 19:09	15°♌45'35	
	-4744 Dec 12 j 17:50	0°♌		evening set	-4741 Jul 03 j 16:09	11°♌03'37	
desc. node	-4744 Dec 20 j 01:59	9°♌06'09		inferior conj	-4741 Jul 08 j 21:19	8°♌00'16	-6°46'28
	-4743 Jan 05 j 23:21	0°♌		minimum elong	-4741 Jul 08 j 10:57	8°♌15'57	6°44'14

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

min. Earth dist.	-4741 Jul 09 j 04:05	7°II50'00	0.27645 AU		-4738 Feb 08 j 10:31	0°≈	
morning rise	-4741 Jul 13 j 05:19	5°II25'25			-4738 Mar 04 j 23:38	0°✕	
direct	-4741 Jul 30 j 00:56	0°II05'40		asc. node	-4738 Mar 14 j 08:05	11°✕21'03	
greatest brilliancy	-4741 Aug 10 j 01:01	2°II18'42	-4.9m		-4738 Mar 29 j 19:01	0°∇	
	-4741 Sep 15 j 15:23	0°☾			-4738 Apr 23 j 22:51	0°♄	
morning max el	-4741 Sep 18 j 12:59	2°☾55'08	46°47'49		-4738 May 19 j 15:02	0°II	
asc. node	-4741 Sep 27 j 14:46	12°☾25'22			-4738 Jun 15 j 04:57	0°☾	
	-4741 Oct 13 j 10:41	0°♁		desc. node	-4738 Jul 04 j 06:33	20°☾20'07	
	-4741 Nov 08 j 00:38	0°♍		evening max el	-4738 Jul 12 j 09:37	28°☾29'54	46°47'51
	-4741 Dec 02 j 21:09	0°♊			-4738 Jul 13 j 22:35	0°♁	
	-4741 Dec 27 j 12:55	0°♌		greatest brilliancy	-4738 Aug 22 j 14:16	28°♁51'12	-4.9m
desc. node	-4740 Jan 17 j 14:18	25°♌38'19			-4738 Aug 27 j 04:23	0°♍	
	-4740 Jan 21 j 04:16	0°♈		retrograde	-4738 Aug 31 j 14:14	0°♍22'50	
	-4740 Feb 14 j 19:42	0°♉			-4738 Sep 04 j 21:57	30°♌♁	
	-4740 Mar 10 j 10:21	0°≈		evening set	-4738 Sep 17 j 09:08	24°♁58'34	
morning set	-4740 Mar 23 j 14:41	16°≈06'08		inferior conj	-4738 Sep 21 j 04:54	22°♁41'53	-7°25'32
	-4740 Apr 03 j 23:18	0°✕		minimum elong	-4738 Sep 21 j 15:11	22°♁26'20	7°23'29
max. Earth dist.	-4740 Apr 25 j 14:40	26°✕33'11	1.73583 AU	min. Earth dist.	-4738 Sep 21 j 10:47	22°♁32'58	0.26524 AU
				morning rise	-4738 Sep 25 j 21:06	19°♁56'10	
superior conj	-4740 Apr 28 j 11:26	0°∇04'34	-0°24'57	direct	-4738 Oct 11 j 12:11	15°♁06'11	
minimum elong	-4740 Apr 28 j 16:06	0°∇18'53	0°24'45	greatest brilliancy	-4738 Oct 21 j 23:44	17°♁12'23	-4.9m
	-4740 Apr 28 j 09:57	0°∇		asc. node	-4738 Oct 25 j 01:48	18°♁31'49	
asc. node	-4740 May 09 j 06:58	13°∇23'15			-4738 Nov 11 j 06:14	0°♍	
	-4740 May 22 j 18:04	0°♄		morning max el	-4738 Dec 01 j 02:25	18°♍27'13	46°41'39
evening rise	-4740 Jun 03 j 01:10	13°♄57'53			-4738 Dec 12 j 03:56	0°♊	
	-4740 Jun 15 j 23:53	0°II			-4737 Jan 08 j 03:51	0°♌	
	-4740 Jul 10 j 04:20	0°☾			-4737 Feb 03 j 02:07	0°♈	
	-4740 Aug 03 j 09:09	0°♁		desc. node	-4737 Feb 14 j 02:07	12°♈54'39	
	-4740 Aug 27 j 16:34	0°♍			-4737 Feb 28 j 13:16	0°♉	
desc. node	-4740 Aug 29 j 04:18	1°♍49'46			-4737 Mar 25 j 17:08	0°≈	
	-4740 Sep 21 j 05:16	0°♊			-4737 Apr 19 j 14:36	0°✕	
	-4740 Oct 16 j 03:41	0°♌			-4737 May 14 j 05:48	0°∇	
	-4740 Nov 10 j 22:29	0°♈		morning set	-4737 May 30 j 06:28	19°∇41'26	
evening max el	-4740 Dec 05 j 14:59	26°♈38'57	46°31'39	asc. node	-4737 Jun 06 j 19:34	29°∇00'25	
	-4740 Dec 08 j 23:27	0°♉			-4737 Jun 07 j 14:49	0°♄	
asc. node	-4740 Dec 19 j 22:26	10°♉16'07		max. Earth dist.	-4737 Jul 01 j 08:45	29°♄30'23	1.72141 AU
greatest brilliancy	-4739 Jan 13 j 22:28	27°♉04'57	-4.8m		-4737 Jul 01 j 18:15	0°II	
retrograde	-4739 Jan 24 j 19:33	29°♉18'19					
evening set	-4739 Feb 11 j 14:30	23°♉11'04		superior conj	-4737 Jul 05 j 15:53	4°II52'16	1°00'46
inferior conj	-4739 Feb 15 j 05:20	20°♉53'41	8°13'28	minimum elong	-4737 Jul 05 j 06:59	4°II24'26	1°00'42
minimum elong	-4739 Feb 15 j 06:20	20°♉52'06	8°13'14		-4737 Jul 25 j 17:31	0°☾	
min. Earth dist.	-4739 Feb 15 j 01:03	21°♉00'35	0.29229 AU	evening rise	-4737 Aug 12 j 01:31	21°☾45'50	
morning rise	-4739 Feb 18 j 22:18	18°♉33'04			-4737 Aug 18 j 14:52	0°♁	
direct	-4739 Mar 08 j 17:55	12°♉29'36			-4737 Sep 11 j 12:42	0°♍	
greatest brilliancy	-4739 Mar 18 j 05:47	14°♉07'24	-4.7m	desc. node	-4737 Sep 26 j 16:38	18°♍58'02	
desc. node	-4739 Apr 10 j 22:41	28°♉24'08			-4737 Oct 05 j 12:56	0°♊	
	-4739 Apr 12 j 21:42	0°≈			-4737 Oct 29 j 17:04	0°♌	
morning max el	-4739 Apr 26 j 12:06	12°≈09'04	45°49'59		-4737 Nov 23 j 03:18	0°♈	
	-4739 May 14 j 06:25	0°✕			-4737 Dec 18 j 00:38	0°♉	
	-4739 Jun 10 j 14:02	0°∇			-4736 Jan 12 j 20:08	0°≈	
	-4739 Jul 06 j 07:44	0°♄		asc. node	-4736 Jan 17 j 09:56	5°≈08'08	
	-4739 Jul 31 j 03:20	0°II			-4736 Feb 09 j 18:09	0°✕	
asc. node	-4739 Aug 01 j 17:49	1°II58'00		evening max el	-4736 Feb 15 j 14:00	5°✕44'05	45°14'57
	-4739 Aug 24 j 08:45	0°☾			-4736 Mar 17 j 07:30	0°∇	
	-4739 Sep 17 j 06:06	0°♁		greatest brilliancy	-4736 Mar 24 j 03:20	3°∇06'36	-4.7m
	-4739 Oct 11 j 00:40	0°♍		retrograde	-4736 Apr 03 j 20:19	5°∇08'51	
morning set	-4739 Oct 24 j 18:52	17°♍20'37		evening set	-4736 Apr 19 j 08:15	0°∇33'49	
	-4739 Nov 03 j 20:17	0°♊			-4736 Apr 20 j 08:16	30°♌✕	
desc. node	-4739 Nov 21 j 15:38	22°♊19'39		inferior conj	-4736 Apr 25 j 05:54	27°✕01'50	2°57'28
	-4739 Nov 27 j 18:54	0°♌		minimum elong	-4736 Apr 25 j 11:56	26°✕52'27	2°55'50
				min. Earth dist.	-4736 Apr 26 j 00:36	26°✕32'44	0.28988 AU
superior conj	-4739 Dec 06 j 01:54	10°♌21'01	-0°32'35	morning rise	-4736 May 01 j 15:09	23°✕12'48	
minimum elong	-4739 Dec 05 j 17:46	9°♌55'41	0°32'22	desc. node	-4736 May 08 j 09:55	20°✕09'04	
max. Earth dist.	-4739 Dec 10 j 23:19	16°♌26'46	1.71915 AU	direct	-4736 May 17 j 02:18	18°✕40'13	
	-4739 Dec 21 j 20:51	0°♈		greatest brilliancy	-4736 May 28 j 02:22	20°✕50'37	-4.7m
	-4738 Jan 15 j 01:57	0°♉			-4736 Jun 13 j 04:49	0°∇	
evening rise	-4738 Jan 15 j 17:43	0°♉48'40		morning max el	-4736 Jul 05 j 13:44	19°∇23'56	46°13'37

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

	-4736 Jul 16 j 01:29	0°♄			-4733 Mar 16 j 23:58	0°♅	
	-4736 Aug 12 j 05:26	0°♅			-4733 Apr 13 j 16:16	0°♄	
asc. node	-4736 Aug 29 j 05:32	19°♅59'34	evening max el		-4733 Apr 27 j 15:51	13°♄53'40	45°20'24
	-4736 Sep 06 j 13:12	0°♄			-4733 May 16 j 05:36	0°♅	
	-4736 Oct 01 j 00:15	0°♄	greatest brilliancy		-4733 Jun 05 j 09:14	11°♅40'15	-4.7m
	-4736 Oct 25 j 02:29	0°♄	desc. node		-4733 Jun 05 j 21:22	11°♅50'26	
	-4736 Nov 18 j 03:00	0°♄	retrograde		-4733 Jun 15 j 08:25	13°♅27'09	
desc. node	-4736 Dec 12 j 05:26	0°♄	evening set		-4733 Jul 01 j 02:27	8°♅49'11	
	-4736 Dec 19 j 04:13	8°♄37'19	inferior conj		-4733 Jul 06 j 11:08	5°♅41'17	-6°31'32
	-4735 Jan 05 j 10:43	0°♄	minimum elong		-4733 Jul 06 j 00:41	5°♅57'06	6°29'12
morning set	-4735 Jan 09 j 17:02	5°♄15'58	min. Earth dist.		-4733 Jul 06 j 18:28	5°♅30'12	0.27688 AU
	-4735 Jan 29 j 18:19	0°♄	morning rise		-4733 Jul 10 j 22:25	3°♅01'46	
					-4733 Jul 16 j 23:40	30°♄	
superior conj	-4735 Feb 17 j 17:12	23°♄19'31	direct		-4733 Jul 27 j 14:48	27°♄45'30	
minimum elong	-4735 Feb 17 j 19:15	23°♄25'50	greatest brilliancy		-4733 Aug 07 j 16:41	29°♄59'50	-4.9m
max. Earth dist.	-4735 Feb 19 j 00:38	24°♄56'10			-4733 Aug 07 j 16:51	0°♅	
	-4735 Feb 23 j 03:28	0°♄			-4733 Sep 15 j 14:36	0°♄	
	-4735 Mar 19 j 13:48	0°♄	morning max el		-4733 Sep 16 j 02:32	0°♄30'16	46°47'21
evening rise	-4735 Mar 26 j 15:01	8°♄38'57	asc. node		-4733 Sep 26 j 16:53	11°♄38'34	
asc. node	-4735 Apr 10 j 20:32	27°♄18'32			-4733 Oct 13 j 03:13	0°♄	
	-4735 Apr 13 j 01:17	0°♅			-4733 Nov 07 j 14:46	0°♄	
	-4735 May 07 j 14:08	0°♄			-4733 Dec 02 j 10:06	0°♄	
	-4735 Jun 01 j 04:56	0°♅			-4733 Dec 27 j 01:10	0°♄	
	-4735 Jun 25 j 23:10	0°♄	desc. node		-4732 Jan 16 j 16:19	25°♄08'27	
desc. node	-4735 Jul 20 j 23:57	0°♄			-4732 Jan 20 j 16:01	0°♄	
	-4735 Jul 31 j 18:13	12°♄44'05			-4732 Feb 14 j 07:04	0°♄	
	-4735 Aug 15 j 13:28	0°♄			-4732 Mar 09 j 21:25	0°♄	
	-4735 Sep 11 j 06:53	0°♄	morning set		-4732 Mar 21 j 08:48	14°♄01'13	
evening max el	-4735 Sep 23 j 12:03	12°♄50'33			-4732 Apr 03 j 10:11	0°♄	
	-4735 Oct 11 j 16:18	0°♄	max. Earth dist.		-4732 Apr 23 j 12:58	24°♄40'53	1.73610 AU
greatest brilliancy	-4735 Nov 03 j 03:36	14°♄40'04					
retrograde	-4735 Nov 13 j 14:27	16°♄45'50	superior conj		-4732 Apr 26 j 06:32	28°♄02'23	-0°27'48
asc. node	-4735 Nov 21 j 13:11	15°♄25'59	minimum elong		-4732 Apr 26 j 11:40	28°♄18'12	0°27'36
evening set	-4735 Nov 28 j 06:57	12°♄21'37			-4732 Apr 27 j 20:47	0°♅	
min. Earth dist.	-4735 Dec 03 j 08:36	9°♄17'59	asc. node		-4732 May 08 j 09:12	12°♅56'43	
inferior conj	-4735 Dec 04 j 09:06	8°♄39'22			-4732 May 22 j 04:59	0°♄	
minimum elong	-4735 Dec 04 j 02:45	8°♄49'22	evening rise		-4732 May 31 j 20:23	11°♄54'58	
morning rise	-4735 Dec 09 j 23:36	5°♄16'12			-4732 Jun 15 j 10:59	0°♅	
direct	-4735 Dec 24 j 22:12	0°♄49'44			-4732 Jul 09 j 15:42	0°♄	
greatest brilliancy	-4734 Jan 02 j 19:55	2°♄20'00			-4732 Aug 02 j 20:53	0°♄	
	-4734 Feb 10 j 09:45	0°♄			-4732 Aug 27 j 04:46	0°♄	
morning max el	-4734 Feb 12 j 01:56	1°♄36'22	desc. node		-4732 Aug 28 j 06:21	1°♄18'33	
	-4734 Mar 11 j 13:55	0°♄			-4732 Sep 20 j 18:08	0°♄	
desc. node	-4734 Mar 13 j 13:40	2°♄09'46			-4732 Oct 15 j 17:39	0°♄	
	-4734 Apr 07 j 11:36	0°♄			-4732 Nov 10 j 14:44	0°♄	
	-4734 May 03 j 08:25	0°♄	evening max el		-4732 Dec 03 j 06:11	24°♄22'04	46°34'50
	-4734 May 28 j 13:10	0°♅			-4732 Dec 08 j 22:31	0°♄	
	-4734 Jun 22 j 05:27	0°♄	asc. node		-4732 Dec 19 j 00:33	9°♄16'48	
asc. node	-4734 Jul 04 j 07:51	14°♄54'20	greatest brilliancy		-4731 Jan 11 j 15:02	24°♄54'28	-4.8m
	-4734 Jul 16 j 11:40	0°♅	retrograde		-4731 Jan 22 j 13:07	27°♄09'09	
morning set	-4734 Aug 07 j 19:37	27°♅57'33	evening set		-4731 Feb 09 j 07:14	21°♄01'46	
	-4734 Aug 09 j 10:33	0°♄	inferior conj		-4731 Feb 12 j 22:19	18°♄44'10	8°14'34
	-4734 Sep 02 j 05:24	0°♄	minimum elong		-4731 Feb 12 j 22:37	18°♄43'41	8°14'20
			min. Earth dist.		-4731 Feb 12 j 16:34	18°♄53'23	0.29197 AU
superior conj	-4734 Sep 16 j 02:17	17°♄31'26	morning rise		-4731 Feb 16 j 14:09	16°♄25'29	
minimum elong	-4734 Sep 16 j 11:48	18°♄01'28	direct		-4731 Mar 06 j 10:02	10°♄20'32	
max. Earth dist.	-4734 Sep 17 j 06:27	19°♄00'22	greatest brilliancy		-4731 Mar 15 j 20:52	11°♄57'45	-4.7m
	-4734 Sep 25 j 23:30	0°♄	desc. node		-4731 Apr 10 j 00:51	27°♄24'22	
	-4734 Oct 19 j 19:21	0°♄			-4731 Apr 13 j 03:07	0°♄	
desc. node	-4734 Oct 24 j 05:17	5°♄32'25	morning max el		-4731 Apr 24 j 04:53	10°♄01'35	45°49'52
evening rise	-4734 Oct 28 j 08:07	10°♄42'16			-4731 May 13 j 23:40	0°♄	
	-4734 Nov 12 j 18:16	0°♄			-4731 Jun 10 j 04:02	0°♅	
	-4734 Dec 06 j 20:57	0°♄			-4731 Jul 05 j 20:20	0°♄	
	-4734 Dec 31 j 04:33	0°♄			-4731 Jul 30 j 15:14	0°♅	
	-4733 Jan 24 j 19:43	0°♄	asc. node		-4731 Jul 31 j 19:51	1°♅27'49	
asc. node	-4733 Feb 13 j 21:53	24°♄01'47			-4731 Aug 23 j 20:17	0°♄	
	-4733 Feb 18 j 23:22	0°♄			-4731 Sep 16 j 17:26	0°♄	

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

	-4731 Oct 10 j 11:53	0°♍		evening set	-4728 Apr 17 j 02:42	28°♋23'58	
morning set	-4731 Oct 22 j 04:59	14°♍46'08		inferior conj	-4728 Apr 22 j 22:24	24°♋54'11	3°15'08
	-4731 Nov 03 j 07:25	0°♌		minimum elong	-4728 Apr 23 j 04:55	24°♋44'01	3°13'24
desc. node	-4731 Nov 20 j 17:52	21°♌51'59		min. Earth dist.	-4728 Apr 23 j 17:10	24°♋24'53	0.29026 AU
	-4731 Nov 27 j 05:57	0°♍		morning rise	-4728 Apr 29 j 06:41	21°♋05'50	
				desc. node	-4728 May 07 j 12:08	17°♋34'26	
superior conj	-4731 Dec 03 j 11:58	7°♍48'21	-0°29'00	direct	-4728 May 14 j 19:03	16°♋32'03	
minimum elong	-4731 Dec 03 j 04:33	7°♍25'14	0°28'47	greatest brilliancy	-4728 May 25 j 18:00	18°♋40'57	-4.7m
max. Earth dist.	-4731 Dec 08 j 09:59	13°♍56'16	1.71857 AU		-4728 Jun 13 j 18:20	0°♍	
	-4731 Dec 21 j 07:50	0°♌		morning max el	-4728 Jul 03 j 04:53	17°♍10'11	46°12'18
evening rise	-4730 Jan 13 j 07:31	28°♌29'13			-4728 Jul 15 j 20:03	0°♌	
	-4730 Jan 14 j 12:54	0°♍			-4728 Aug 11 j 20:02	0°♍	
	-4730 Feb 07 j 21:32	0°♌		asc. node	-4728 Aug 28 j 07:43	19°♍25'52	
	-4730 Mar 04 j 10:53	0°♋			-4728 Sep 06 j 02:12	0°♌	
asc. node	-4730 Mar 13 j 10:12	10°♋53'06			-4728 Sep 30 j 12:28	0°♌	
	-4730 Mar 29 j 06:42	0°♍			-4728 Oct 24 j 14:15	0°♍	
	-4730 Apr 23 j 11:22	0°♌			-4728 Nov 17 j 14:28	0°♌	
	-4730 May 19 j 05:01	0°♍			-4728 Dec 11 j 16:40	0°♍	
desc. node	-4730 Jun 14 j 21:52	0°♌		desc. node	-4728 Dec 18 j 06:11	8°♍08'44	
evening max el	-4730 Jul 03 j 08:36	19°♌31'21			-4727 Jan 04 j 21:44	0°♌	
	-4730 Jul 09 j 23:24	26°♌07'54	46°44'41	morning set	-4727 Jan 07 j 05:30	2°♌52'17	
	-4730 Jul 13 j 23:40	0°♌			-4727 Jan 29 j 05:10	0°♌	
greatest brilliancy	-4730 Aug 20 j 01:32	26°♌21'05	-4.9m				
retrograde	-4730 Aug 29 j 02:36	27°♌53'03		superior conj	-4727 Feb 15 j 09:33	21°♌09'06	-1°23'01
evening set	-4730 Sep 15 j 00:25	22°♌24'05		minimum elong	-4727 Feb 15 j 10:53	21°♌13'11	1°23'15
inferior conj	-4730 Sep 18 j 16:50	20°♌12'11	-7°38'56	max. Earth dist.	-4727 Feb 16 j 21:35	22°♌59'55	1.73397 AU
minimum elong	-4730 Sep 19 j 02:46	19°♌57'09	7°37'04		-4727 Feb 22 j 14:13	0°♌	
min. Earth dist.	-4730 Sep 18 j 22:46	20°♌03'12	0.26549 AU		-4727 Mar 19 j 00:31	0°♋	
morning rise	-4730 Sep 23 j 05:02	17°♌32'18		evening rise	-4727 Mar 24 j 09:29	6°♋35'27	
direct	-4730 Oct 09 j 01:14	12°♌36'25		asc. node	-4727 Apr 09 j 22:46	26°♋52'20	
greatest brilliancy	-4730 Oct 19 j 12:09	14°♌42'23	-4.9m		-4727 Apr 12 j 12:07	0°♍	
asc. node	-4730 Oct 24 j 04:06	16°♌48'54			-4727 May 07 j 01:15	0°♌	
	-4730 Nov 11 j 17:41	0°♍			-4727 May 31 j 16:33	0°♍	
morning max el	-4730 Nov 28 j 16:36	16°♍03'22	46°42'42		-4727 Jun 25 j 11:32	0°♌	
	-4730 Dec 11 j 23:12	0°♌			-4727 Jul 20 j 13:25	0°♌	
	-4729 Jan 07 j 18:57	0°♍		desc. node	-4727 Jul 30 j 20:17	12°♌08'42	
	-4729 Feb 02 j 15:19	0°♌			-4727 Aug 15 j 04:48	0°♍	
desc. node	-4729 Feb 13 j 04:14	12°♌23'28			-4727 Sep 11 j 02:16	0°♌	
	-4729 Feb 28 j 01:23	0°♌		evening max el	-4727 Sep 21 j 02:09	10°♌26'41	47°37'43
	-4729 Mar 25 j 04:36	0°♌			-4727 Oct 12 j 03:48	0°♍	
	-4729 Apr 19 j 01:41	0°♋		greatest brilliancy	-4727 Oct 31 j 20:00	12°♍18'01	-4.9m
	-4729 May 13 j 16:40	0°♍		retrograde	-4727 Nov 11 j 04:25	14°♍21'33	
morning set	-4729 May 28 j 01:04	17°♍37'40		asc. node	-4727 Nov 20 j 15:18	12°♍29'21	
asc. node	-4729 Jun 05 j 21:40	28°♍33'36		evening set	-4727 Nov 25 j 20:12	9°♍59'33	
	-4729 Jun 07 j 01:36	0°♌		min. Earth dist.	-4727 Nov 30 j 23:41	6°♍53'30	0.27132 AU
max. Earth dist.	-4729 Jun 28 j 22:54	27°♌11'14	1.72203 AU	inferior conj	-4727 Dec 01 j 23:09	6°♍16'30	2°47'09
	-4729 Jul 01 j 05:02	0°♍		minimum elong	-4727 Dec 01 j 17:25	6°♍25'32	2°45'20
				morning rise	-4727 Dec 07 j 15:36	2°♍50'33	
superior conj	-4729 Jul 03 j 08:57	2°♍41'59	0°58'29		-4727 Dec 13 j 19:32	30°♌♌	
minimum elong	-4729 Jul 03 j 00:06	2°♍14'22	0°58'24	direct	-4727 Dec 22 j 11:05	28°♌28'02	
	-4729 Jul 25 j 04:24	0°♌			-4727 Dec 31 j 11:18	0°♍	
evening rise	-4729 Aug 09 j 15:15	19°♌23'38		greatest brilliancy	-4727 Dec 31 j 10:46	29°♌59'33	-4.8m
	-4729 Aug 18 j 01:56	0°♌		morning max el	-4726 Feb 09 j 15:04	29°♍16'29	46°06'36
	-4729 Sep 10 j 23:59	0°♍			-4726 Feb 10 j 09:03	0°♌	
desc. node	-4729 Sep 25 j 18:49	18°♍29'13			-4726 Mar 11 j 06:00	0°♌	
	-4729 Oct 05 j 00:27	0°♌		desc. node	-4726 Mar 12 j 15:49	1°♌32'20	
	-4729 Oct 29 j 04:52	0°♍			-4726 Apr 07 j 01:04	0°♌	
	-4729 Nov 22 j 15:33	0°♌			-4726 May 02 j 20:37	0°♋	
	-4729 Dec 17 j 13:41	0°♌			-4726 May 28 j 00:40	0°♍	
	-4728 Jan 12 j 11:02	0°♌			-4726 Jun 21 j 16:36	0°♌	
asc. node	-4728 Jan 16 j 12:02	4°♌31'13		asc. node	-4726 Jul 03 j 09:54	14°♌26'25	
	-4728 Feb 09 j 14:18	0°♋			-4726 Jul 15 j 22:41	0°♍	
evening max el	-4728 Feb 13 j 05:55	3°♋34'14	45°16'23	morning set	-4726 Aug 05 j 09:41	25°♍36'19	
	-4728 Mar 19 j 07:45	0°♍			-4726 Aug 08 j 21:33	0°♌	
greatest brilliancy	-4728 Mar 21 j 20:03	1°♍00'12	-4.7m		-4726 Sep 01 j 16:26	0°♌	
retrograde	-4728 Apr 01 j 12:15	3°♍01'49					
	-4728 Apr 14 j 00:10	30°♋♋		superior conj	-4726 Sep 13 j 13:12	14°♌59'27	1°15'07

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

minimum elong	-4726 Sep 13 j 22:07	15° Ω 27'34	1°15'06	direct	-4723 Mar 04 j 02:25	8° \mathfrak{Z} 10'47	
max. Earth dist.	-4726 Sep 14 j 08:32	16° Ω 00'28	1.70849 AU	greatest brilliancy	-4723 Mar 13 j 11:10	9° \mathfrak{Z} 46'45	-4.7m
	-4726 Sep 25 j 10:35	0° \mathfrak{M}		desc. node	-4723 Apr 09 j 03:05	26° \mathfrak{Z} 5'46	
	-4726 Oct 19 j 06:28	0° \mathfrak{L}			-4723 Apr 13 j 06:50	0° \approx	
desc. node	-4726 Oct 23 j 07:25	5° \mathfrak{L} 04'10		morning max el	-4723 Apr 21 j 22:02	7° \approx 54'49	45°49'45
evening rise	-4726 Oct 25 j 16:16	8° \mathfrak{L} 02'24			-4723 May 13 j 16:39	0° \mathfrak{H}	
	-4726 Nov 12 j 05:28	0° \mathfrak{M}			-4723 Jun 09 j 17:57	0° \mathfrak{Y}	
	-4726 Dec 06 j 08:16	0° \mathfrak{X}			-4723 Jul 05 j 08:55	0° \mathfrak{B}	
	-4726 Dec 30 j 16:03	0° \mathfrak{Z}			-4723 Jul 30 j 03:08	0° \mathfrak{I}	
	-4725 Jan 24 j 07:38	0° \approx		asc. node	-4723 Jul 30 j 22:04	0° \mathfrak{I} 58'10	
asc. node	-4725 Feb 13 j 00:04	23° \approx 31'15			-4723 Aug 23 j 07:50	0° \mathfrak{G}	
	-4725 Feb 18 j 12:06	0° \mathfrak{H}			-4723 Sep 16 j 04:49	0° Ω	
	-4725 Mar 16 j 14:27	0° \mathfrak{Y}			-4723 Oct 09 j 23:12	0° \mathfrak{M}	
	-4725 Apr 13 j 11:07	0° \mathfrak{B}		morning set	-4723 Oct 19 j 14:58	12° \mathfrak{M} 10'47	
evening max el	-4725 Apr 25 j 05:51	11° \mathfrak{B} 37'57	45°18'44		-4723 Nov 02 j 18:43	0° \mathfrak{L}	
	-4725 May 16 j 21:11	0° \mathfrak{I}		desc. node	-4723 Nov 19 j 19:51	21° \mathfrak{L} 22'59	
greatest brilliancy	-4725 Jun 02 j 21:12	9° \mathfrak{I} 21'10	-4.7m		-4723 Nov 26 j 17:12	0° \mathfrak{M}	
desc. node	-4725 Jun 04 j 23:20	10° \mathfrak{I} 00'28					
retrograde	-4725 Jun 12 j 22:08	11° \mathfrak{I} 09'41		superior conj	-4723 Nov 30 j 21:22	5° \mathfrak{M} 12'51	-0°25'17
evening set	-4725 Jun 28 j 12:58	6° \mathfrak{I} 35'15		minimum elong	-4723 Nov 30 j 14:47	4° \mathfrak{M} 52'17	0°25'06
inferior conj	-4725 Jul 04 j 00:59	3° \mathfrak{I} 23'01	-6°16'03	max. Earth dist.	-4723 Dec 05 j 21:13	11° \mathfrak{M} 26'43	1.71800 AU
minimum elong	-4725 Jul 03 j 14:32	3° \mathfrak{I} 38'48	6°13'36		-4723 Dec 20 j 19:00	0° \mathfrak{X}	
min. Earth dist.	-4725 Jul 04 j 08:34	3° \mathfrak{I} 11'33	0.27736 AU	evening rise	-4722 Jan 10 j 20:39	26° \mathfrak{X} 07'05	
morning rise	-4725 Jul 08 j 15:34	0° \mathfrak{I} 38'59			-4722 Jan 14 j 00:02	0° \mathfrak{Z}	
	-4725 Jul 09 j 19:32	30° \mathfrak{R} \mathfrak{B}			-4722 Feb 07 j 08:44	0° \approx	
direct	-4725 Jul 25 j 05:20	25° \mathfrak{B} 26'02			-4722 Mar 03 j 22:19	0° \mathfrak{H}	
greatest brilliancy	-4725 Aug 05 j 08:06	27° \mathfrak{B} 41'24	-4.9m	asc. node	-4722 Mar 12 j 12:25	10° \mathfrak{H} 24'49	
	-4725 Aug 10 j 09:06	0° \mathfrak{I}			-4722 Mar 28 j 18:37	0° \mathfrak{Y}	
morning max el	-4725 Sep 13 j 17:06	28° \mathfrak{I} 08'21	46°46'38		-4722 Apr 23 j 00:08	0° \mathfrak{B}	
	-4725 Sep 15 j 12:50	0° \mathfrak{G}			-4722 May 18 j 19:20	0° \mathfrak{I}	
asc. node	-4725 Sep 25 j 19:09	10° \mathfrak{G} 52'51			-4722 Jun 14 j 15:20	0° \mathfrak{G}	
	-4725 Oct 12 j 19:28	0° Ω		desc. node	-4722 Jul 02 j 10:47	18° \mathfrak{G} 41'38	
	-4725 Nov 07 j 04:47	0° \mathfrak{M}		evening max el	-4722 Jul 07 j 13:25	23° \mathfrak{G} 46'11	46°41'31
	-4725 Dec 01 j 22:57	0° \mathfrak{L}			-4722 Jul 14 j 02:14	0° Ω	
	-4725 Dec 26 j 13:18	0° \mathfrak{M}		greatest brilliancy	-4722 Aug 17 j 13:07	23° Ω 51'27	-4.9m
desc. node	-4724 Jan 15 j 18:26	24° \mathfrak{M} 39'16		retrograde	-4722 Aug 26 j 14:42	25° Ω 23'11	
	-4724 Jan 20 j 03:39	0° \mathfrak{X}		evening set	-4722 Sep 12 j 15:45	19° Ω 49'57	
	-4724 Feb 13 j 18:19	0° \mathfrak{Z}		inferior conj	-4722 Sep 16 j 04:52	17° Ω 42'38	-7°51'21
	-4724 Mar 09 j 08:25	0° \approx		minimum elong	-4722 Sep 16 j 14:22	17° Ω 28'14	7°49'40
morning set	-4724 Mar 19 j 02:48	11° \approx 56'07		min. Earth dist.	-4722 Sep 16 j 10:57	17° Ω 33'24	0.26574 AU
	-4724 Apr 02 j 21:01	0° \mathfrak{H}		morning rise	-4722 Sep 20 j 12:57	15° Ω 08'29	
max. Earth dist.	-4724 Apr 21 j 12:13	22° \mathfrak{H} 51'42	1.73632 AU	direct	-4722 Oct 06 j 14:11	10° Ω 06'53	
				greatest brilliancy	-4722 Oct 17 j 00:45	12° Ω 12'22	-4.9m
superior conj	-4724 Apr 24 j 01:39	26° \mathfrak{H} 00'29	-0°30'38	asc. node	-4722 Oct 23 j 06:13	15° Ω 09'24	
minimum elong	-4724 Apr 24 j 07:16	26° \mathfrak{H} 17'43	0°30'25		-4722 Nov 12 j 02:19	0° \mathfrak{M}	
	-4724 Apr 27 j 07:34	0° \mathfrak{Y}		morning max el	-4722 Nov 26 j 06:01	13° \mathfrak{M} 36'48	46°43'27
asc. node	-4724 May 07 j 11:17	12° \mathfrak{Y} 29'54			-4722 Dec 11 j 18:14	0° \mathfrak{L}	
	-4724 May 21 j 15:50	0° \mathfrak{B}			-4721 Jan 07 j 10:10	0° \mathfrak{M}	
evening rise	-4724 May 29 j 15:46	9° \mathfrak{B} 52'52			-4721 Feb 02 j 04:44	0° \mathfrak{X}	
	-4724 Jun 14 j 22:00	0° \mathfrak{I}		desc. node	-4721 Feb 12 j 06:25	11° \mathfrak{X} 51'42	
	-4724 Jul 09 j 03:01	0° \mathfrak{G}			-4721 Feb 27 j 13:46	0° \mathfrak{Z}	
	-4724 Aug 02 j 08:36	0° Ω			-4721 Mar 24 j 16:20	0° \approx	
	-4724 Aug 26 j 17:02	0° \mathfrak{M}			-4721 Apr 18 j 13:01	0° \mathfrak{H}	
desc. node	-4724 Aug 27 j 08:32	0° \mathfrak{M} 47'34			-4721 May 13 j 03:47	0° \mathfrak{Y}	
	-4724 Sep 20 j 07:09	0° \mathfrak{L}		morning set	-4721 May 25 j 19:35	15° \mathfrak{Y} 32'55	
	-4724 Oct 15 j 07:52	0° \mathfrak{M}		asc. node	-4721 Jun 04 j 23:41	28° \mathfrak{Y} 05'45	
	-4724 Nov 10 j 07:24	0° \mathfrak{X}			-4721 Jun 06 j 12:38	0° \mathfrak{B}	
evening max el	-4724 Nov 30 j 22:14	22° \mathfrak{X} 06'49	46°38'10	max. Earth dist.	-4721 Jun 26 j 12:43	24° \mathfrak{B} 50'21	1.72266 AU
	-4724 Dec 08 j 22:49	0° \mathfrak{Z}			-4721 Jun 30 j 16:05	0° \mathfrak{I}	
asc. node	-4724 Dec 18 j 02:39	8° \mathfrak{Z} 15'34					
greatest brilliancy	-4723 Jan 09 j 07:19	22° \mathfrak{Z} 43'03	-4.8m	superior conj	-4721 Jul 01 j 02:11	0° \mathfrak{I} 31'30	0°56'08
retrograde	-4723 Jan 20 j 06:48	24° \mathfrak{Z} 59'04		minimum elong	-4721 Jun 30 j 17:26	0° \mathfrak{I} 04'12	0°56'01
evening set	-4723 Feb 06 j 23:36	18° \mathfrak{Z} 52'02			-4721 Jul 24 j 15:33	0° \mathfrak{G}	
inferior conj	-4723 Feb 10 j 15:07	16° \mathfrak{Z} 33'45	8°15'03	evening rise	-4721 Aug 07 j 05:23	17° \mathfrak{G} 01'59	
minimum elong	-4723 Feb 10 j 14:44	16° \mathfrak{Z} 34'22	8°14'48		-4721 Aug 17 j 13:15	0° Ω	
min. Earth dist.	-4723 Feb 10 j 07:39	16° \mathfrak{Z} 45'43	0.29158 AU		-4721 Sep 10 j 11:30	0° \mathfrak{M}	
morning rise	-4723 Feb 14 j 06:04	14° \mathfrak{Z} 16'36		desc. node	-4721 Sep 24 j 20:56	17° \mathfrak{M} 59'33	

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

	-4721 Oct 04 j 12:11	0°♌		desc. node	-4718 Mar 11 j 17:58	0°♊54'31	
	-4721 Oct 28 j 16:54	0°♍			-4718 Apr 06 j 14:44	0°♊	
	-4721 Nov 22 j 04:05	0°♎			-4718 May 02 j 09:05	0°♋	
	-4721 Dec 17 j 03:09	0°♏			-4718 May 27 j 12:28	0°♌	
	-4720 Jan 12 j 02:30	0°♐			-4718 Jun 21 j 04:02	0°♍	
asc. node	-4720 Jan 15 j 14:16	3°♐53'15		asc. node	-4718 Jul 02 j 12:07	13°♍58'11	
	-4720 Feb 09 j 11:36	0°♋			-4718 Jul 15 j 09:58	0°♎	
evening max el	-4720 Feb 10 j 21:04	1°♋21'16	45°17'58	morning set	-4718 Aug 02 j 23:54	23°♎14'52	
greatest brilliancy	-4720 Mar 19 j 12:59	28°♋52'53	-4.7m		-4718 Aug 08 j 08:48	0°♏	
	-4720 Mar 23 j 04:03	0°♌			-4718 Sep 01 j 03:44	0°♐	
retrograde	-4720 Mar 30 j 04:03	0°♌54'00					
	-4720 Apr 05 j 22:52	30°♌		superior conj	-4718 Sep 11 j 00:17	12°♏27'05	1°16'44
evening set	-4720 Apr 14 j 21:15	26°♌12'57		minimum elong	-4718 Sep 11 j 08:30	12°♏53'02	1°16'46
inferior conj	-4720 Apr 20 j 14:59	22°♌45'45	3°32'28	max. Earth dist.	-4718 Sep 11 j 13:42	13°♏09'28	1.70865 AU
minimum elong	-4720 Apr 20 j 21:56	22°♌34'52	3°30'38		-4718 Sep 24 j 21:56	0°♑	
min. Earth dist.	-4720 Apr 21 j 10:03	22°♌15'56	0.29063 AU		-4718 Oct 18 j 17:54	0°♌	
morning rise	-4720 Apr 26 j 22:07	18°♌58'18		desc. node	-4718 Oct 22 j 09:25	4°♌34'33	
desc. node	-4720 May 06 j 14:08	15°♌03'30		evening rise	-4718 Oct 23 j 00:33	5°♌22'03	
direct	-4720 May 12 j 11:21	14°♌22'55			-4718 Nov 11 j 16:58	0°♍	
greatest brilliancy	-4720 May 23 j 10:10	16°♌31'05	-4.7m		-4718 Dec 05 j 19:50	0°♎	
	-4720 Jun 14 j 04:50	0°♌			-4718 Dec 30 j 03:47	0°♏	
morning max el	-4720 Jun 30 j 19:46	14°♌54'55	46°11'01		-4717 Jan 23 j 19:45	0°♐	
	-4720 Jul 15 j 14:30	0°♍		asc. node	-4717 Feb 12 j 02:14	22°♐59'58	
	-4720 Aug 11 j 10:48	0°♎			-4717 Feb 18 j 01:06	0°♋	
asc. node	-4720 Aug 27 j 09:51	18°♎51'16			-4717 Mar 16 j 05:21	0°♌	
	-4720 Sep 05 j 15:27	0°♏			-4717 Apr 13 j 06:49	0°♍	
	-4720 Sep 30 j 00:57	0°♐		evening max el	-4717 Apr 22 j 20:56	9°♍24'13	45°17'06
	-4720 Oct 24 j 02:16	0°♑			-4717 May 17 j 18:34	0°♎	
	-4720 Nov 17 j 02:10	0°♌		greatest brilliancy	-4717 May 31 j 08:59	7°♎01'30	-4.7m
	-4720 Dec 11 j 04:07	0°♍		desc. node	-4717 Jun 04 j 01:33	8°♎05'49	
desc. node	-4720 Dec 17 j 08:17	7°♍39'52		retrograde	-4717 Jun 10 j 12:18	8°♎51'50	
	-4719 Jan 04 j 09:01	0°♎		evening set	-4717 Jun 25 j 23:50	4°♎20'53	
morning set	-4719 Jan 04 j 17:56	0°♎27'35		inferior conj	-4717 Jul 01 j 14:56	1°♎04'21	-5°59'53
	-4719 Jan 28 j 16:19	0°♏		minimum elong	-4717 Jul 01 j 04:34	1°♎20'00	5°57'23
				min. Earth dist.	-4717 Jul 01 j 22:28	0°♎52'58	0.27782 AU
superior conj	-4719 Feb 13 j 01:44	18°♏57'13	-1°23'12		-4717 Jul 03 j 09:38	30°♎	
minimum elong	-4719 Feb 13 j 02:19	18°♏59'01	1°23'26	morning rise	-4717 Jul 06 j 08:48	28°♎15'53	
max. Earth dist.	-4719 Feb 14 j 16:18	20°♏55'48	1.73360 AU	direct	-4717 Jul 22 j 20:27	23°♎06'29	
	-4719 Feb 22 j 01:17	0°♐		greatest brilliancy	-4717 Aug 02 j 22:59	25°♎22'04	-4.8m
	-4719 Mar 18 j 11:35	0°♋			-4717 Aug 12 j 01:19	0°♎	
evening rise	-4719 Mar 22 j 03:39	4°♋30'01		morning max el	-4717 Sep 11 j 08:14	25°♎47'35	46°45'45
asc. node	-4719 Apr 09 j 00:48	26°♋24'23			-4717 Sep 15 j 10:27	0°♏	
	-4719 Apr 11 j 23:18	0°♌		asc. node	-4717 Sep 24 j 21:15	10°♏06'47	
	-4719 May 06 j 12:44	0°♍			-4717 Oct 12 j 11:38	0°♐	
	-4719 May 31 j 04:32	0°♎			-4717 Nov 06 j 18:51	0°♑	
	-4719 Jun 25 j 00:18	0°♏			-4717 Dec 01 j 11:57	0°♌	
	-4719 Jul 20 j 03:21	0°♐			-4717 Dec 26 j 01:36	0°♍	
desc. node	-4719 Jul 29 j 22:29	11°♐32'26		desc. node	-4716 Jan 14 j 20:37	24°♍09'44	
	-4719 Aug 14 j 20:43	0°♑			-4716 Jan 19 j 15:26	0°♎	
	-4719 Sep 10 j 22:36	0°♌			-4716 Feb 13 j 05:42	0°♏	
evening max el	-4719 Sep 18 j 15:53	8°♌00'57	47°37'54		-4716 Mar 08 j 19:30	0°♐	
	-4719 Oct 12 j 19:37	0°♍		morning set	-4716 Mar 16 j 20:57	9°♐51'06	
greatest brilliancy	-4719 Oct 29 j 12:21	9°♍54'53	-4.9m		-4716 Apr 02 j 07:57	0°♋	
retrograde	-4719 Nov 08 j 18:26	11°♍56'37		max. Earth dist.	-4716 Apr 19 j 12:29	21°♋05'14	1.73655 AU
asc. node	-4719 Nov 19 j 17:22	9°♍26'59					
evening set	-4719 Nov 23 j 09:36	7°♍36'12		superior conj	-4716 Apr 21 j 20:52	23°♋58'26	-0°33'25
min. Earth dist.	-4719 Nov 28 j 14:51	4°♍28'09	0.27063 AU	minimum elong	-4716 Apr 22 j 02:54	24°♋16'59	0°33'11
inferior conj	-4719 Nov 29 j 13:13	3°♍52'57	2°25'56		-4716 Apr 26 j 18:30	0°♌	
minimum elong	-4719 Nov 29 j 08:09	4°♍00'56	2°24'18	asc. node	-4716 May 06 j 13:21	12°♌02'35	
morning rise	-4719 Dec 05 j 07:32	0°♍24'32			-4716 May 21 j 02:51	0°♍	
	-4719 Dec 06 j 01:36	30°♍		evening rise	-4716 May 27 j 11:11	7°♍50'25	
direct	-4719 Dec 19 j 23:44	26°♍05'25			-4716 Jun 14 j 09:13	0°♎	
greatest brilliancy	-4719 Dec 29 j 01:46	27°♍38'39	-4.8m		-4716 Jul 08 j 14:31	0°♏	
	-4718 Jan 03 j 18:26	0°♍			-4716 Aug 01 j 20:30	0°♐	
morning max el	-4718 Feb 07 j 04:53	26°♍57'25	46°07'50	desc. node	-4716 Aug 26 j 10:37	0°♑15'45	
	-4718 Feb 10 j 07:38	0°♎			-4716 Aug 26 j 05:29	0°♑	
	-4718 Mar 10 j 22:06	0°♏			-4716 Sep 19 j 20:24	0°♌	

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

	-4716 Oct 14 j 22:23	0°♌		asc. node	-4713 Jun 04 j 01:57	27°♊39'16	
	-4716 Nov 10 j 00:32	0°♏			-4713 Jun 05 j 23:28	0°♏	
evening max el	-4716 Nov 28 j 15:08	19°♏53'04	46°41'23	max. Earth dist.	-4713 Jun 24 j 05:30	22°♏39'22	1.72332 AU
	-4716 Dec 09 j 00:33	0°♐					
asc. node	-4716 Dec 17 j 04:56	7°♐12'45		superior conj	-4713 Jun 28 j 19:47	28°♏22'52	0°53'42
greatest brilliancy	-4715 Jan 06 j 23:58	20°♐31'35	-4.8m	minimum elong	-4713 Jun 28 j 11:10	27°♏56'00	0°53'35
retrograde	-4715 Jan 18 j 00:28	22°♐48'17			-4713 Jun 30 j 02:57	0°♐	
evening set	-4715 Feb 04 j 15:45	16°♐42'24			-4713 Jul 24 j 02:34	0°♑	
inferior conj	-4715 Feb 08 j 07:55	14°♐22'57	8°14'46	evening rise	-4713 Aug 04 j 19:56	14°♑42'11	
minimum elong	-4715 Feb 08 j 06:51	14°♐24'39	8°14'31		-4713 Aug 17 j 00:28	0°♒	
min. Earth dist.	-4715 Feb 07 j 22:42	14°♐37'42	0.29111 AU		-4713 Sep 09 j 22:56	0°♒	
morning rise	-4715 Feb 11 j 22:12	12°♐06'53		desc. node	-4713 Sep 23 j 22:56	17°♒29'42	
direct	-4715 Mar 01 j 19:04	6°♐00'58			-4713 Oct 03 j 23:52	0°♓	
greatest brilliancy	-4715 Mar 11 j 01:06	7°♐35'11	-4.7m		-4713 Oct 28 j 04:53	0°♌	
desc. node	-4715 Apr 08 j 05:04	25°♐28'00			-4713 Nov 21 j 16:34	0°♏	
	-4715 Apr 13 j 08:58	0°♐			-4713 Dec 16 j 16:35	0°♐	
morning max el	-4715 Apr 19 j 14:44	5°♐47'06	45°49'39		-4712 Jan 11 j 18:03	0°♐	
	-4715 May 13 j 09:18	0°♑		asc. node	-4712 Jan 14 j 16:23	3°♐14'59	
	-4715 Jun 09 j 07:46	0°♑		evening max el	-4712 Feb 08 j 11:30	29°♐06'51	45°19'41
	-4715 Jul 04 j 21:29	0°♒			-4712 Feb 09 j 09:33	0°♑	
	-4715 Jul 29 j 15:05	0°♒		greatest brilliancy	-4712 Mar 17 j 05:36	26°♑45'37	-4.7m
asc. node	-4715 Jul 30 j 00:13	0°♒28'04		retrograde	-4712 Mar 27 j 20:03	28°♑46'55	
	-4715 Aug 22 j 19:26	0°♑		evening set	-4712 Apr 12 j 15:52	24°♑02'15	
	-4715 Sep 15 j 16:16	0°♒		inferior conj	-4712 Apr 18 j 07:35	20°♑37'55	3°49'27
	-4715 Oct 09 j 10:34	0°♒		minimum elong	-4712 Apr 18 j 14:57	20°♑26'23	3°47'33
morning set	-4715 Oct 17 j 01:00	9°♒35'26		min. Earth dist.	-4712 Apr 19 j 02:59	20°♑07'33	0.29097 AU
	-4715 Nov 02 j 06:01	0°♓		morning rise	-4712 Apr 24 j 13:28	16°♑51'50	
desc. node	-4715 Nov 18 j 21:58	20°♓54'25		desc. node	-4712 May 05 j 16:20	12°♑37'40	
	-4715 Nov 26 j 04:27	0°♌		direct	-4712 May 10 j 03:27	12°♑14'21	
				greatest brilliancy	-4712 May 21 j 02:47	14°♑22'35	-4.7m
superior conj	-4715 Nov 28 j 06:37	2°♌36'44	-0°21'30		-4712 Jun 14 j 12:11	0°♑	
minimum elong	-4715 Nov 28 j 00:55	2°♌18'57	0°21'21	morning max el	-4712 Jun 28 j 11:00	12°♑41'30	46°09'56
max. Earth dist.	-4715 Dec 03 j 10:12	9°♌02'28	1.71744 AU		-4712 Jul 15 j 08:10	0°♒	
	-4715 Dec 20 j 06:12	0°♏			-4712 Aug 11 j 01:05	0°♒	
evening rise	-4714 Jan 08 j 09:36	23°♏44'06		asc. node	-4712 Aug 26 j 11:58	18°♒17'40	
	-4714 Jan 13 j 11:13	0°♐			-4712 Sep 05 j 04:20	0°♑	
	-4714 Feb 06 j 19:58	0°♐			-4712 Sep 29 j 13:09	0°♒	
	-4714 Mar 03 j 09:46	0°♑			-4712 Oct 23 j 14:05	0°♒	
asc. node	-4714 Mar 11 j 14:29	9°♑56'08			-4712 Nov 16 j 13:42	0°♓	
	-4714 Mar 28 j 06:31	0°♑			-4712 Dec 10 j 15:26	0°♌	
	-4714 Apr 22 j 12:54	0°♒		desc. node	-4712 Dec 16 j 10:31	7°♌11'51	
	-4714 May 18 j 09:42	0°♒		morning set	-4711 Jan 02 j 05:43	28°♌01'11	
	-4714 Jun 14 j 09:06	0°♑			-4711 Jan 03 j 20:07	0°♏	
desc. node	-4714 Jul 01 j 12:57	17°♑51'00			-4711 Jan 28 j 03:16	0°♐	
evening max el	-4714 Jul 05 j 02:44	21°♑22'50	46°38'02				
	-4714 Jul 14 j 06:26	0°♒		superior conj	-4711 Feb 10 j 17:28	16°♑44'29	-1°23'14
greatest brilliancy	-4714 Aug 15 j 01:09	21°♒22'06	-4.9m	minimum elong	-4711 Feb 10 j 17:17	16°♑43'58	1°23'30
retrograde	-4714 Aug 24 j 02:04	22°♒52'54		max. Earth dist.	-4711 Feb 12 j 09:38	18°♑48'05	1.73320 AU
evening set	-4714 Sep 10 j 06:50	17°♒15'44			-4711 Feb 21 j 12:09	0°♐	
inferior conj	-4714 Sep 13 j 16:49	15°♒12'53	-8°02'43		-4711 Mar 17 j 22:27	0°♑	
minimum elong	-4714 Sep 14 j 01:49	14°♒59'14	8°01'13	evening rise	-4711 Mar 19 j 21:35	2°♑24'30	
min. Earth dist.	-4714 Sep 13 j 23:26	15°♒02'51	0.26602 AU	asc. node	-4711 Apr 08 j 02:54	25°♑57'17	
morning rise	-4714 Sep 17 j 20:43	12°♒44'24			-4711 Apr 11 j 10:17	0°♑	
direct	-4714 Oct 04 j 02:35	7°♒36'58			-4711 May 06 j 00:00	0°♒	
greatest brilliancy	-4714 Oct 14 j 13:53	9°♒42'39	-4.9m		-4711 May 30 j 16:18	0°♒	
asc. node	-4714 Oct 22 j 08:18	13°♒33'11			-4711 Jun 24 j 12:47	0°♑	
	-4714 Nov 12 j 08:38	0°♒			-4711 Jul 19 j 17:01	0°♒	
morning max el	-4714 Nov 23 j 18:16	11°♒07'03	46°44'17	desc. node	-4711 Jul 29 j 00:34	10°♒56'38	
	-4714 Dec 11 j 12:44	0°♓			-4711 Aug 14 j 12:29	0°♒	
	-4713 Jan 07 j 01:08	0°♌			-4711 Sep 10 j 19:11	0°♓	
	-4713 Feb 01 j 17:58	0°♏		evening max el	-4711 Sep 16 j 05:34	5°♓36'02	47°37'47
desc. node	-4713 Feb 11 j 08:28	11°♏19'52			-4711 Oct 13 j 16:26	0°♌	
	-4713 Feb 27 j 02:00	0°♐		greatest brilliancy	-4711 Oct 27 j 03:52	7°♌30'41	-4.9m
	-4713 Mar 24 j 03:56	0°♐		retrograde	-4711 Nov 06 j 08:24	9°♌31'22	
	-4713 Apr 18 j 00:13	0°♑		asc. node	-4711 Nov 18 j 19:40	6°♌18'54	
	-4713 May 12 j 14:44	0°♑		evening set	-4711 Nov 20 j 22:51	5°♌11'54	
morning set	-4713 May 23 j 14:25	13°♑29'41		min. Earth dist.	-4711 Nov 26 j 05:33	2°♌02'21	0.27003 AU

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

inferior conj	-4711 Nov 27 j 02:58	1° \mathbb{M} 28'47	2°04'08			-4708 Apr 26 j 05:13	0° Υ	
minimum elong	-4711 Nov 26 j 22:35	1° \mathbb{M} 35'39	2°02'41	asc. node		-4708 May 05 j 15:34	11° Υ 36'24	
	-4711 Nov 29 j 12:00	30° \mathbb{R} $\underline{\mathbf{A}}$				-4708 May 20 j 13:40	0° \mathcal{B}	
morning rise	-4711 Dec 02 j 23:05	27° $\underline{\mathbf{A}}$ 58'18		evening rise		-4708 May 25 j 06:21	5° \mathcal{B} 47'52	
direct	-4711 Dec 17 j 12:24	23° $\underline{\mathbf{A}}$ 42'00				-4708 Jun 13 j 20:14	0° \mathbb{I}	
greatest brilliancy	-4711 Dec 26 j 16:25	25° $\underline{\mathbf{A}}$ 17'07	-4.8m			-4708 Jul 08 j 01:50	0° \mathcal{C}	
	-4710 Jan 05 j 16:08	0° \mathbb{M}				-4708 Aug 01 j 08:14	0° \mathcal{Q}	
morning max el	-4710 Feb 04 j 19:23	24° \mathbb{M} 40'16	46°09'05	desc. node		-4708 Aug 25 j 12:41	29° \mathcal{Q} 44'30	
	-4710 Feb 10 j 05:13	0° \mathcal{X}				-4708 Aug 25 j 17:44	0° \mathbb{M}	
desc. node	-4710 Mar 10 j 20:03	0° \mathcal{Z} 17'25				-4708 Sep 19 j 09:24	0° $\underline{\mathbf{A}}$	
	-4710 Mar 10 j 13:44	0° \mathcal{Z}				-4708 Oct 14 j 12:39	0° \mathbb{M}	
	-4710 Apr 06 j 04:03	0° \approx				-4708 Nov 09 j 17:33	0° \mathcal{X}	
	-4710 May 01 j 21:12	0° \mathcal{H}		evening max el		-4708 Nov 26 j 07:44	17° \mathcal{X} 39'38	46°44'26
	-4710 May 26 j 23:57	0° Υ				-4708 Dec 09 j 03:13	0° \mathcal{Z}	
	-4710 Jun 20 j 15:11	0° \mathcal{B}		asc. node		-4708 Dec 16 j 07:01	6° \mathcal{Z} 09'06	
asc. node	-4710 Jul 01 j 14:12	13° \mathcal{B} 30'28		greatest brilliancy		-4707 Jan 04 j 17:03	18° \mathcal{Z} 21'28	-4.8m
	-4710 Jul 14 j 20:57	0° \mathbb{I}		retrograde		-4707 Jan 15 j 17:43	20° \mathcal{Z} 38'07	
morning set	-4710 Jul 31 j 14:38	20° \mathbb{I} 56'09		evening set		-4707 Feb 02 j 07:40	14° \mathcal{Z} 34'02	
	-4710 Aug 07 j 19:44	0° \mathcal{C}		min. Earth dist.		-4707 Feb 05 j 13:59	12° \mathcal{Z} 30'09	0.29066 AU
	-4710 Aug 31 j 14:40	0° \mathcal{Q}		inferior conj		-4707 Feb 06 j 00:45	12° \mathcal{Z} 12'52	8°13'47
				minimum elong		-4707 Feb 05 j 23:00	12° \mathcal{Z} 15'41	8°13'31
superior conj	-4710 Sep 08 j 11:58	9° \mathcal{Q} 57'45	1°18'11	morning rise		-4707 Feb 09 j 14:37	9° \mathcal{Z} 57'18	
minimum elong	-4710 Sep 08 j 19:25	10° \mathcal{Q} 21'19	1°18'15	direct		-4707 Feb 27 j 11:42	3° \mathcal{Z} 51'55	
max. Earth dist.	-4710 Sep 08 j 21:48	10° \mathcal{Q} 28'50	1.70880 AU	greatest brilliancy		-4707 Mar 08 j 15:23	5° \mathcal{Z} 24'19	-4.7m
	-4710 Sep 24 j 08:56	0° \mathbb{M}		desc. node		-4707 Apr 07 j 07:17	24° \mathcal{Z} 32'20	
	-4710 Oct 18 j 04:59	0° $\underline{\mathbf{A}}$				-4707 Apr 13 j 09:37	0° \approx	
evening rise	-4710 Oct 20 j 09:09	2° $\underline{\mathbf{A}}$ 43'42		morning max el		-4707 Apr 17 j 06:42	3° \approx 37'55	45°49'28
desc. node	-4710 Oct 21 j 11:35	4° $\underline{\mathbf{A}}$ 06'35				-4707 May 13 j 01:32	0° \mathcal{H}	
	-4710 Nov 11 j 04:09	0° \mathbb{M}				-4707 Jun 08 j 21:20	0° Υ	
	-4710 Dec 05 j 07:09	0° \mathcal{X}				-4707 Jul 04 j 09:50	0° \mathcal{B}	
	-4710 Dec 29 j 15:18	0° \mathcal{Z}		asc. node		-4707 Jul 29 j 02:15	29° \mathcal{B} 58'18	
	-4709 Jan 23 j 07:42	0° \approx				-4707 Jul 29 j 02:48	0° \mathbb{I}	
asc. node	-4709 Feb 11 j 04:17	22° \approx 28'51				-4707 Aug 22 j 06:51	0° \mathcal{C}	
	-4709 Feb 17 j 13:58	0° \mathcal{H}				-4707 Sep 15 j 03:31	0° \mathcal{Q}	
	-4709 Mar 15 j 20:14	0° Υ				-4707 Oct 08 j 21:44	0° \mathbb{M}	
	-4709 Apr 13 j 02:55	0° \mathcal{B}		morning set		-4707 Oct 14 j 11:15	7° \mathbb{M} 01'14	
evening max el	-4709 Apr 20 j 12:25	7° \mathcal{B} 12'10	45°15'34			-4707 Nov 01 j 17:07	0° $\underline{\mathbf{A}}$	
	-4709 May 18 j 23:28	0° \mathbb{I}		desc. node		-4707 Nov 18 j 00:09	20° $\underline{\mathbf{A}}$ 26'43	
greatest brilliancy	-4709 May 28 j 21:00	4° \mathbb{I} 42'55	-4.7m					
desc. node	-4709 Jun 03 j 03:46	6° \mathbb{I} 07'14		superior conj		-4707 Nov 25 j 16:12	0° \mathbb{M} 02'18	-0°17'42
retrograde	-4709 Jun 08 j 02:22	6° \mathbb{I} 34'27		minimum elong		-4707 Nov 25 j 11:27	29° $\underline{\mathbf{A}}$ 47'27	0°17'34
evening set	-4709 Jun 23 j 10:52	2° \mathbb{I} 07'08				-4707 Nov 25 j 15:27	0° \mathbb{M}	
	-4709 Jun 27 j 03:49	30° \mathbb{R} \mathcal{B}		max. Earth dist.		-4707 Nov 30 j 23:54	6° \mathbb{M} 41'08	1.71682 AU
inferior conj	-4709 Jun 29 j 04:47	28° \mathcal{B} 46'21	-5°43'10			-4707 Dec 19 j 17:08	0° \mathcal{X}	
minimum elong	-4709 Jun 28 j 18:34	29° \mathcal{B} 01'48	5°40'38	evening rise		-4706 Jan 05 j 22:42	21° \mathcal{X} 22'20	
min. Earth dist.	-4709 Jun 29 j 12:16	28° \mathcal{B} 35'03	0.27823 AU			-4706 Jan 12 j 22:09	0° \mathcal{Z}	
morning rise	-4709 Jul 04 j 01:49	25° \mathcal{B} 53'25				-4706 Feb 06 j 07:00	0° \approx	
direct	-4709 Jul 20 j 11:40	20° \mathcal{B} 47'46				-4706 Mar 02 j 21:03	0° \mathcal{H}	
greatest brilliancy	-4709 Jul 31 j 13:15	23° \mathcal{B} 02'44	-4.8m	asc. node		-4706 Mar 10 j 16:36	9° \mathcal{H} 28'00	
	-4709 Aug 13 j 04:57	0° \mathbb{I}				-4706 Mar 27 j 18:19	0° Υ	
morning max el	-4709 Sep 08 j 23:00	23° \mathbb{I} 27'04	46°45'03			-4706 Apr 22 j 01:38	0° \mathcal{B}	
	-4709 Sep 15 j 06:57	0° \mathcal{C}				-4706 May 18 j 00:11	0° \mathbb{I}	
asc. node	-4709 Sep 23 j 23:22	9° \mathcal{C} 22'28				-4706 Jun 14 j 03:14	0° \mathcal{C}	
	-4709 Oct 12 j 03:09	0° \mathcal{Q}		desc. node		-4706 Jun 30 j 15:01	16° \mathcal{C} 59'23	
	-4709 Nov 06 j 08:25	0° \mathbb{M}		evening max el		-4706 Jul 02 j 14:57	18° \mathcal{C} 57'02	46°34'37
	-4709 Dec 01 j 00:30	0° $\underline{\mathbf{A}}$				-4706 Jul 14 j 12:27	0° \mathcal{Q}	
	-4709 Dec 25 j 13:32	0° \mathbb{M}		greatest brilliancy		-4706 Aug 12 j 13:25	18° \mathcal{Q} 53'19	-4.9m
desc. node	-4708 Jan 13 j 22:37	23° \mathbb{M} 40'37		retrograde		-4706 Aug 21 j 12:56	20° \mathcal{Q} 23'06	
	-4708 Jan 19 j 02:55	0° \mathcal{X}		evening set		-4706 Sep 07 j 21:43	14° \mathcal{Q} 42'01	
	-4708 Feb 12 j 16:50	0° \mathcal{Z}		inferior conj		-4706 Sep 11 j 04:46	12° \mathcal{Q} 43'32	-8°13'05
	-4708 Mar 08 j 06:23	0° \approx		minimum elong		-4706 Sep 11 j 13:08	12° \mathcal{Q} 30'48	8°11'48
morning set	-4708 Mar 14 j 14:39	7° \approx 45'21		min. Earth dist.		-4706 Sep 11 j 12:05	12° \mathcal{Q} 32'25	0.26632 AU
	-4708 Apr 01 j 18:42	0° \mathcal{H}		morning rise		-4706 Sep 15 j 04:28	10° \mathcal{Q} 20'52	
max. Earth dist.	-4708 Apr 17 j 11:43	19° \mathcal{H} 16'15	1.73673 AU	direct		-4706 Oct 01 j 14:34	5° \mathcal{Q} 07'05	
				greatest brilliancy		-4706 Oct 12 j 03:35	7° \mathcal{Q} 13'49	-4.9m
superior conj	-4708 Apr 19 j 15:41	21° \mathcal{H} 55'51	-0°36'10	asc. node		-4706 Oct 21 j 10:36	12° \mathcal{Q} 00'52	
minimum elong	-4708 Apr 19 j 22:07	22° \mathcal{H} 15'38	0°35'57			-4706 Nov 12 j 12:52	0° \mathbb{M}	

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

morning max el	-4706 Nov 21 j 06:14	8° \mathbb{M} 36'35	46°45'19			-4703 Jul 19 j 07:03	0° Ω	
	-4706 Dec 11 j 06:41	0° $\underline{\mathbf{A}}$		desc. node		-4703 Jul 28 j 02:39	10° Ω 19'49	
	-4705 Jan 06 j 15:45	0° \mathbb{M}				-4703 Aug 14 j 04:47	0° \mathbb{M}	
	-4705 Feb 01 j 06:56	0° \mathbb{A}				-4703 Sep 10 j 16:47	0° $\underline{\mathbf{A}}$	
desc. node	-4705 Feb 10 j 10:35	10° \mathbb{A} 48'55		evening max el		-4703 Sep 13 j 20:06	3° $\underline{\mathbf{A}}$ 12'39	47°37'43
	-4705 Feb 26 j 14:01	0° \mathbb{Z}				-4703 Oct 14 j 21:21	0° \mathbb{M}	
	-4705 Mar 23 j 15:23	0° \approx		greatest brilliancy		-4703 Oct 24 j 18:48	5° \mathbb{M} 05'03	-4.9m
	-4705 Apr 17 j 11:19	0° \mathbb{X}		retrograde		-4703 Nov 03 j 22:48	7° \mathbb{M} 05'22	
	-4705 May 12 j 01:39	0° \mathbb{Y}		asc. node		-4703 Nov 17 j 21:46	3° \mathbb{M} 06'15	
morning set	-4705 May 21 j 09:10	11° \mathbb{Y} 26'11		evening set		-4703 Nov 18 j 12:18	2° \mathbb{M} 46'30	
asc. node	-4705 Jun 03 j 04:00	27° \mathbb{Y} 12'05				-4703 Nov 23 j 04:32	30° \mathbb{R} $\underline{\mathbf{A}}$	
	-4705 Jun 05 j 10:20	0° \mathbb{B}		min. Earth dist.		-4703 Nov 23 j 19:55	29° $\underline{\mathbf{A}}$ 36'01	0.26942 AU
max. Earth dist.	-4705 Jun 21 j 23:37	20° \mathbb{B} 32'30	1.72397 AU	inferior conj		-4703 Nov 24 j 16:39	29° $\underline{\mathbf{A}}$ 03'38	1°42'00
				minimum elong		-4703 Nov 24 j 13:00	29° $\underline{\mathbf{A}}$ 09'20	1°40'45
superior conj	-4705 Jun 26 j 13:16	26° \mathbb{B} 13'52	0°51'12	morning rise		-4703 Nov 30 j 14:29	25° $\underline{\mathbf{A}}$ 31'28	
minimum elong	-4705 Jun 26 j 04:51	25° \mathbb{B} 47'36	0°51'04	direct		-4703 Dec 15 j 01:38	21° $\underline{\mathbf{A}}$ 17'43	
	-4705 Jun 29 j 13:51	0° \mathbb{I}		greatest brilliancy		-4703 Dec 24 j 06:37	22° $\underline{\mathbf{A}}$ 54'15	-4.8m
	-4705 Jul 23 j 13:35	0° \mathbb{G}				-4702 Jan 06 j 23:33	0° \mathbb{M}	
evening rise	-4705 Aug 02 j 10:32	12° \mathbb{G} 22'40		morning max el		-4702 Feb 02 j 10:38	22° \mathbb{M} 24'14	46°10'23
	-4705 Aug 16 j 11:41	0° Ω				-4702 Feb 10 j 02:17	0° \mathbb{A}	
	-4705 Sep 09 j 10:23	0° \mathbb{M}		desc. node		-4702 Mar 09 j 22:13	29° \mathbb{A} 40'18	
desc. node	-4705 Sep 23 j 01:08	17° \mathbb{M} 00'22				-4702 Mar 10 j 05:20	0° \mathbb{Z}	
	-4705 Oct 03 j 11:35	0° $\underline{\mathbf{A}}$				-4702 Apr 05 j 17:25	0° \approx	
	-4705 Oct 27 j 16:56	0° \mathbb{M}				-4702 May 01 j 09:26	0° \mathbb{X}	
	-4705 Nov 21 j 05:07	0° \mathbb{A}				-4702 May 26 j 11:35	0° \mathbb{Y}	
	-4705 Dec 16 j 06:06	0° \mathbb{Z}				-4702 Jun 20 j 02:30	0° \mathbb{B}	
asc. node	-4704 Jan 11 j 09:45	0° \approx		asc. node		-4702 Jun 30 j 16:17	13° \mathbb{B} 02'08	
	-4704 Jan 13 j 18:31	2° \approx 36'39				-4702 Jul 14 j 08:10	0° \mathbb{I}	
evening max el	-4704 Feb 06 j 02:05	26° \approx 53'12	45°21'37	morning set		-4702 Jul 29 j 05:31	18° \mathbb{I} 37'08	
	-4704 Feb 09 j 08:12	0° \mathbb{X}				-4702 Aug 07 j 06:57	0° \mathbb{G}	
greatest brilliancy	-4704 Mar 14 j 21:40	24° \mathbb{X} 38'29	-4.7m			-4702 Aug 31 j 01:56	0° Ω	
retrograde	-4704 Mar 25 j 12:45	26° \mathbb{X} 40'53						
evening set	-4704 Apr 10 j 10:45	21° \mathbb{X} 52'12		superior conj		-4702 Sep 05 j 23:37	7° Ω 27'17	1°19'28
inferior conj	-4704 Apr 16 j 00:24	18° \mathbb{X} 30'47	4°05'51	minimum elong		-4702 Sep 06 j 06:17	7° Ω 48'19	1°19'34
minimum elong	-4704 Apr 16 j 08:08	18° \mathbb{X} 18'41	4°03'54	max. Earth dist.		-4702 Sep 06 j 04:01	7° Ω 41'12	1.70898 AU
min. Earth dist.	-4704 Apr 16 j 19:48	18° \mathbb{X} 00'27	0.29137 AU			-4702 Sep 23 j 20:16	0° \mathbb{M}	
morning rise	-4704 Apr 22 j 04:57	14° \mathbb{X} 46'29		evening rise		-4702 Oct 17 j 17:23	0° $\underline{\mathbf{A}}$ 03'03	
desc. node	-4704 May 04 j 18:32	10° \mathbb{X} 17'19				-4702 Oct 17 j 16:25	0° $\underline{\mathbf{A}}$	
direct	-4704 May 07 j 20:02	10° \mathbb{X} 06'21		desc. node		-4702 Oct 20 j 13:43	3° $\underline{\mathbf{A}}$ 37'26	
greatest brilliancy	-4704 May 18 j 19:38	12° \mathbb{X} 14'50	-4.7m			-4702 Nov 10 j 15:40	0° \mathbb{M}	
	-4704 Jun 14 j 17:25	0° \mathbb{Y}				-4702 Dec 04 j 18:46	0° \mathbb{A}	
morning max el	-4704 Jun 26 j 03:18	10° \mathbb{Y} 30'36	46°08'45			-4702 Dec 29 j 03:09	0° \mathbb{Z}	
	-4704 Jul 15 j 01:36	0° \mathbb{B}				-4701 Jan 22 j 20:00	0° \approx	
	-4704 Aug 10 j 15:23	0° \mathbb{I}		asc. node		-4701 Feb 10 j 06:30	21° \approx 57'12	
asc. node	-4704 Aug 25 j 14:09	17° \mathbb{I} 43'59				-4701 Feb 17 j 03:14	0° \mathbb{X}	
	-4704 Sep 04 j 17:18	0° \mathbb{G}				-4701 Mar 15 j 11:34	0° \mathbb{Y}	
	-4704 Sep 29 j 01:26	0° Ω				-4701 Apr 12 j 23:51	0° \mathbb{B}	
	-4704 Oct 23 j 01:58	0° \mathbb{M}		evening max el		-4701 Apr 18 j 04:17	5° \mathbb{B} 00'44	45°14'10
	-4704 Nov 16 j 01:19	0° $\underline{\mathbf{A}}$				-4701 May 20 j 17:01	0° \mathbb{I}	
	-4704 Dec 10 j 02:49	0° \mathbb{M}		greatest brilliancy		-4701 May 26 j 09:57	2° \mathbb{I} 25'49	-4.7m
desc. node	-4704 Dec 15 j 12:27	6° \mathbb{M} 42'40		desc. node		-4701 Jun 02 j 05:45	4° \mathbb{I} 04'30	
morning set	-4704 Dec 30 j 17:26	25° \mathbb{M} 34'07		retrograde		-4701 Jun 05 j 16:21	4° \mathbb{I} 17'46	
	-4703 Jan 03 j 07:21	0° \mathbb{A}		evening set		-4701 Jun 20 j 22:35	29° \mathbb{B} 53'58	
	-4703 Jan 27 j 14:20	0° \mathbb{Z}				-4701 Jun 20 j 18:05	30° \mathbb{R} \mathbb{B}	
				inferior conj		-4701 Jun 26 j 19:04	26° \mathbb{B} 29'13	-5°26'13
superior conj	-4703 Feb 08 j 09:19	14° \mathbb{Z} 31'48	-1°23'10	minimum elong		-4701 Jun 26 j 09:04	26° \mathbb{B} 44'22	5°23'39
minimum elong	-4703 Feb 08 j 08:23	14° \mathbb{Z} 28'54	1°23'24	min. Earth dist.		-4701 Jun 27 j 02:37	26° \mathbb{B} 17'45	0.27867 AU
max. Earth dist.	-4703 Feb 10 j 02:48	16° \mathbb{Z} 39'28	1.73277 AU	morning rise		-4701 Jul 01 j 19:07	23° \mathbb{B} 31'44	
	-4703 Feb 20 j 23:05	0° \approx		direct		-4701 Jul 18 j 03:11	18° \mathbb{B} 29'58	
	-4703 Mar 17 j 09:22	0° \mathbb{X}		greatest brilliancy		-4701 Jul 29 j 03:51	20° \mathbb{B} 43'55	-4.8m
evening rise	-4703 Mar 17 j 15:49	0° \mathbb{X} 19'47				-4701 Aug 14 j 01:18	0° \mathbb{I}	
greatest brilliancy	-4703 Mar 17 j 19:31	0° \mathbb{X} 31'08	-3.9m	morning max el		-4701 Sep 06 j 13:05	21° \mathbb{I} 04'03	46°43'57
asc. node	-4703 Apr 07 j 05:09	25° \mathbb{X} 30'25				-4701 Sep 15 j 03:10	0° \mathbb{G}	
	-4703 Apr 10 j 21:21	0° \mathbb{Y}		asc. node		-4701 Sep 23 j 01:38	8° \mathbb{G} 38'01	
	-4703 May 05 j 11:25	0° \mathbb{B}				-4701 Oct 11 j 18:53	0° Ω	
	-4703 May 30 j 04:16	0° \mathbb{I}				-4701 Nov 05 j 22:20	0° \mathbb{M}	
	-4703 Jun 24 j 01:34	0° \mathbb{G}				-4701 Nov 30 j 13:26	0° $\underline{\mathbf{A}}$	

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

	-4701 Dec 25 j 01:48	0°♍		evening max el	-4698 Jun 30 j 02:38	16°♊29'49	46°31'23
desc. node	-4700 Jan 13 j 00:46	23°♍10'54			-4698 Jul 14 j 20:50	0°♌	
	-4700 Jan 18 j 14:42	0°♊		greatest brilliancy	-4698 Aug 10 j 01:48	16°♌25'13	-4.9m
	-4700 Feb 12 j 04:16	0°♊		retrograde	-4698 Aug 19 j 00:20	17°♌54'32	
	-4700 Mar 07 j 17:34	0°♋		evening set	-4698 Sep 05 j 12:40	12°♌09'30	
morning set	-4700 Mar 12 j 08:25	5°♋38'49		inferior conj	-4698 Sep 08 j 17:03	10°♌15'08	-8°22'20
	-4700 Apr 01 j 05:45	0°♋		minimum elong	-4698 Sep 09 j 00:46	10°♌03'26	8°21'13
max. Earth dist.	-4700 Apr 15 j 09:29	17°♋21'55	1.73684 AU	min. Earth dist.	-4698 Sep 09 j 00:58	10°♌03'09	0.26666 AU
				morning rise	-4698 Sep 12 j 12:43	7°♌58'20	
superior conj	-4700 Apr 17 j 10:49	19°♋53'23	-0°38'52	direct	-4698 Sep 29 j 02:46	2°♌37'59	
minimum elong	-4700 Apr 17 j 17:38	20°♋14'18	0°38'38	greatest brilliancy	-4698 Oct 09 j 17:43	4°♌46'11	-4.9m
	-4700 Apr 25 j 16:13	0°♌		asc. node	-4698 Oct 20 j 12:41	10°♌31'48	
asc. node	-4700 May 04 j 17:39	11°♌08'55			-4698 Nov 12 j 15:33	0°♍	
	-4700 May 20 j 00:44	0°♍		morning max el	-4698 Nov 18 j 18:49	6°♍07'18	46°46'03
evening rise	-4700 May 23 j 01:55	3°♍45'48			-4698 Dec 11 j 00:26	0°♎	
	-4700 Jun 13 j 07:29	0°♎			-4697 Jan 06 j 06:29	0°♍	
	-4700 Jul 07 j 13:24	0°♏			-4697 Jan 31 j 20:10	0°♊	
	-4700 Jul 31 j 20:14	0°♌		desc. node	-4697 Feb 09 j 12:46	10°♊17'19	
desc. node	-4700 Aug 24 j 14:53	29°♌12'39			-4697 Feb 26 j 02:20	0°♊	
	-4700 Aug 25 j 06:21	0°♍			-4697 Mar 23 j 03:06	0°♋	
	-4700 Sep 18 j 22:52	0°♎			-4697 Apr 16 j 22:38	0°♋	
	-4700 Oct 14 j 03:32	0°♍			-4697 May 11 j 12:45	0°♌	
	-4700 Nov 09 j 11:30	0°♊		morning set	-4697 May 19 j 03:50	9°♌21'58	
evening max el	-4700 Nov 23 j 23:25	15°♊21'58	46°47'29	asc. node	-4697 Jun 02 j 06:05	26°♌44'25	
	-4700 Dec 09 j 08:19	0°♊			-4697 Jun 04 j 21:21	0°♍	
asc. node	-4700 Dec 15 j 09:08	5°♊02'15		max. Earth dist.	-4697 Jun 19 j 19:19	18°♍30'03	1.72459 AU
greatest brilliancy	-4699 Jan 02 j 10:41	16°♊10'06	-4.8m				
retrograde	-4699 Jan 13 j 10:26	18°♊26'00		superior conj	-4697 Jun 24 j 06:53	24°♍04'47	0°48'38
evening set	-4699 Jan 30 j 23:13	12°♊24'16		minimum elong	-4697 Jun 23 j 22:41	23°♍39'15	0°48'29
min. Earth dist.	-4699 Feb 03 j 05:28	10°♊20'23	0.29013 AU		-4697 Jun 29 j 00:55	0°♎	
inferior conj	-4699 Feb 03 j 17:27	10°♊01'07	8°12'13		-4697 Jul 23 j 00:47	0°♏	
minimum elong	-4699 Feb 03 j 15:01	10°♊05'02	8°11'53	evening rise	-4697 Jul 31 j 01:37	10°♏04'16	
morning rise	-4699 Feb 07 j 07:07	7°♊45'39			-4697 Aug 15 j 23:02	0°♌	
direct	-4699 Feb 25 j 03:46	1°♊41'12			-4697 Sep 08 j 21:55	0°♍	
greatest brilliancy	-4699 Mar 06 j 06:00	3°♊12'17	-4.7m	desc. node	-4697 Sep 22 j 03:14	16°♍30'34	
desc. node	-4699 Apr 06 j 09:30	23°♊36'46			-4697 Oct 02 j 23:21	0°♎	
	-4699 Apr 13 j 09:36	0°♋			-4697 Oct 27 j 05:03	0°♍	
morning max el	-4699 Apr 14 j 21:40	1°♋25'17	45°49'28		-4697 Nov 20 j 17:49	0°♊	
	-4699 May 12 j 17:49	0°♋			-4697 Dec 15 j 19:52	0°♊	
	-4699 Jun 08 j 11:03	0°♌			-4696 Jan 11 j 01:57	0°♋	
	-4699 Jul 03 j 22:22	0°♍		asc. node	-4696 Jan 12 j 20:44	1°♋57'29	
asc. node	-4699 Jul 28 j 04:30	29°♍28'34		evening max el	-4696 Feb 03 j 17:12	24°♋39'56	45°23'34
	-4699 Jul 28 j 14:43	0°♎			-4696 Feb 09 j 08:17	0°♋	
	-4699 Aug 21 j 18:27	0°♏		greatest brilliancy	-4696 Mar 12 j 13:19	22°♋29'43	-4.7m
	-4699 Sep 14 j 14:59	0°♌		retrograde	-4696 Mar 23 j 05:49	24°♋33'27	
	-4699 Oct 08 j 09:10	0°♍		evening set	-4696 Apr 08 j 05:32	19°♋40'47	
morning set	-4699 Oct 11 j 21:30	4°♍26'09		inferior conj	-4696 Apr 13 j 17:00	16°♋22'16	4°22'02
	-4699 Nov 01 j 04:32	0°♎		minimum elong	-4696 Apr 14 j 01:03	16°♋09'41	4°20'03
desc. node	-4699 Nov 17 j 02:08	19°♎57'20		min. Earth dist.	-4696 Apr 14 j 12:02	15°♋52'32	0.29172 AU
				morning rise	-4696 Apr 19 j 20:05	12°♋40'09	
superior conj	-4699 Nov 23 j 01:18	27°♎25'13	-0°13'49	desc. node	-4696 May 03 j 20:32	8°♋00'29	
minimum elong	-4699 Nov 22 j 21:33	27°♎13'29	0°13'43	direct	-4696 May 05 j 12:42	7°♋57'12	
behind sun begin	-4699 Nov 22 j 06:43	26°♎27'05		greatest brilliancy	-4696 May 16 j 11:38	10°♋05'24	-4.7m
behind sun end	-4699 Nov 23 j 12:24	27°♎59'53			-4696 Jun 14 j 21:05	0°♌	
	-4699 Nov 25 j 02:50	0°♍		morning max el	-4696 Jun 23 j 20:08	8°♌20'49	46°07'37
max. Earth dist.	-4699 Nov 28 j 10:22	4°♍08'28	1.71625 AU		-4696 Jul 14 j 18:47	0°♍	
	-4699 Dec 19 j 04:28	0°♊			-4696 Aug 10 j 05:36	0°♎	
evening rise	-4698 Jan 03 j 11:03	18°♊56'52		asc. node	-4696 Aug 24 j 16:19	17°♎10'23	
	-4698 Jan 12 j 09:28	0°♊			-4696 Sep 04 j 06:13	0°♏	
	-4698 Feb 05 j 18:25	0°♋			-4696 Sep 28 j 13:40	0°♌	
	-4698 Mar 02 j 08:42	0°♋			-4696 Oct 22 j 13:46	0°♍	
asc. node	-4698 Mar 09 j 18:49	8°♋59'08			-4696 Nov 15 j 12:50	0°♎	
	-4698 Mar 27 j 06:29	0°♌			-4696 Dec 09 j 14:08	0°♍	
	-4698 Apr 21 j 14:46	0°♍		desc. node	-4696 Dec 14 j 14:37	6°♍14'23	
	-4698 May 17 j 15:05	0°♎		morning set	-4696 Dec 28 j 05:14	23°♍07'21	
	-4698 Jun 13 j 22:01	0°♏			-4695 Jan 02 j 18:30	0°♊	
desc. node	-4698 Jun 29 j 17:12	16°♏06'48			-4695 Jan 27 j 01:22	0°♊	

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

superior conj	-4695 Feb 06 j 00:54	12° ♁ 18'09	-1°22'57	minimum elong	-4693 Jun 23 j 23:31	24° ♁ 27'11	5°06'05
minimum elong	-4695 Feb 05 j 23:10	12° ♁ 12'49	1°23'11	min. Earth dist.	-4693 Jun 24 j 17:19	24° ♁ 00'08	0.27909 AU
max. Earth dist.	-4695 Feb 07 j 20:39	14° ♁ 32'53	1.73241 AU	morning rise	-4693 Jun 29 j 12:13	21° ♁ 10'23	
	-4695 Feb 20 j 10:02	0° \approx		direct	-4693 Jul 15 j 18:00	16° ♁ 12'27	
evening rise	-4695 Mar 15 j 09:41	28° \approx 13'46		greatest brilliancy	-4693 Jul 26 j 18:44	18° ♁ 25'50	-4.8m
greatest brilliancy	-4695 Mar 16 j 10:01	29° \approx 28'23	-3.9m		-4693 Aug 14 j 16:17	0° ♁	
	-4695 Mar 16 j 20:20	0° ♁		morning max el	-4693 Sep 04 j 02:06	18° ♁ 39'09	46°42'58
asc. node	-4695 Apr 06 j 07:10	25° ♁ 02'38			-4693 Sep 14 j 22:31	0° ♁	
	-4695 Apr 10 j 08:29	0° ♁		asc. node	-4693 Sep 22 j 03:45	7° ♁ 54'35	
	-4695 May 04 j 22:52	0° ♁			-4693 Oct 11 j 10:06	0° ♁	
	-4695 May 29 j 16:15	0° ♁			-4693 Nov 05 j 11:49	0° ♁	
	-4695 Jun 23 j 14:23	0° ♁			-4693 Nov 30 j 01:59	0° ♁	
	-4695 Jul 18 j 21:11	0° ♁			-4693 Dec 24 j 13:43	0° ♁	
desc. node	-4695 Jul 27 j 04:51	9° ♁ 43'12		desc. node	-4692 Jan 12 j 02:56	22° ♁ 42'17	
	-4695 Aug 13 j 21:16	0° ♁			-4692 Jan 18 j 02:09	0° ♁	
	-4695 Sep 10 j 15:05	0° ♁			-4692 Feb 11 j 15:20	0° ♁	
evening max el	-4695 Sep 11 j 11:35	0° ♁ 52'02	47°37'33		-4692 Mar 07 j 04:24	0° \approx	
	-4695 Oct 16 j 14:32	0° ♁		morning set	-4692 Mar 10 j 02:13	3° \approx 33'30	
greatest brilliancy	-4695 Oct 22 j 09:24	2° ♁ 39'30	-4.9m		-4692 Mar 31 j 16:26	0° ♁	
retrograde	-4695 Nov 01 j 13:30	4° ♁ 39'34		max. Earth dist.	-4692 Apr 13 j 06:25	15° ♁ 26'04	1.73701 AU
evening set	-4695 Nov 16 j 01:59	0° ♁ 21'20					
asc. node	-4695 Nov 16 j 23:52	29° ♁ 50'37		superior conj	-4692 Apr 15 j 05:59	17° ♁ 52'06	-0°41'31
	-4695 Nov 16 j 17:16	30° ♁		minimum elong	-4692 Apr 15 j 13:08	18° ♁ 14'01	0°41'16
min. Earth dist.	-4695 Nov 21 j 10:00	27° ♁ 10'23	0.26881 AU		-4692 Apr 25 j 02:55	0° ♁	
inferior conj	-4695 Nov 22 j 06:16	26° ♁ 38'47	1°19'28	asc. node	-4692 May 03 j 19:44	10° ♁ 42'22	
minimum elong	-4695 Nov 22 j 03:24	26° ♁ 43'15	1°18'28		-4692 May 19 j 11:33	0° ♁	
morning rise	-4695 Nov 28 j 05:41	23° ♁ 05'11		evening rise	-4692 May 20 j 21:23	1° ♁ 44'20	
direct	-4695 Dec 12 j 15:12	18° ♁ 54'05			-4692 Jun 12 j 18:30	0° ♁	
greatest brilliancy	-4695 Dec 21 j 20:12	20° ♁ 31'11	-4.8m		-4692 Jul 07 j 00:44	0° ♁	
	-4694 Jan 07 j 21:53	0° ♁			-4692 Jul 31 j 08:01	0° ♁	
morning max el	-4694 Jan 31 j 01:45	20° ♁ 08'27	46°11'31	desc. node	-4692 Aug 23 j 16:57	28° ♁ 41'13	
	-4694 Feb 09 j 22:23	0° ♁			-4692 Aug 24 j 18:44	0° ♁	
desc. node	-4694 Mar 09 j 00:22	29° ♁ 04'02			-4692 Sep 18 j 12:06	0° ♁	
	-4694 Mar 09 j 20:31	0° ♁			-4692 Oct 13 j 18:13	0° ♁	
	-4694 Apr 05 j 06:34	0° \approx			-4692 Nov 09 j 05:26	0° ♁	
	-4694 Apr 30 j 21:32	0° ♁		evening max el	-4692 Nov 21 j 14:15	13° ♁ 03'01	46°50'30
	-4694 May 25 j 23:06	0° ♁			-4692 Dec 09 j 15:02	0° ♁	
	-4694 Jun 19 j 13:43	0° ♁		asc. node	-4692 Dec 14 j 11:27	3° ♁ 55'06	
asc. node	-4694 Jun 29 j 18:32	12° ♁ 34'41		greatest brilliancy	-4692 Dec 31 j 04:35	13° ♁ 59'51	-4.8m
	-4694 Jul 13 j 19:14	0° ♁		retrograde	-4691 Jan 11 j 02:58	16° ♁ 14'59	
morning set	-4694 Jul 26 j 20:18	16° ♁ 18'30		evening set	-4691 Jan 28 j 14:31	10° ♁ 15'53	
	-4694 Aug 06 j 17:59	0° ♁		inferior conj	-4691 Feb 01 j 10:11	7° ♁ 50'30	8°09'49
	-4694 Aug 30 j 13:00	0° ♁		minimum elong	-4691 Feb 01 j 07:05	7° ♁ 55'29	8°09'25
				min. Earth dist.	-4691 Jan 31 j 21:16	8° ♁ 11'17	0.28958 AU
superior conj	-4694 Sep 03 j 11:23	4° ♁ 57'55	1°20'36	morning rise	-4691 Feb 04 j 23:56	5° ♁ 34'44	
minimum elong	-4694 Sep 03 j 17:12	5° ♁ 16'18	1°20'44		-4691 Feb 17 j 22:14	30° ♁	
max. Earth dist.	-4694 Sep 03 j 08:20	4° ♁ 48'17	1.70918 AU	direct	-4691 Feb 22 j 19:23	29° ♁ 31'33	
	-4694 Sep 23 j 07:25	0° ♁			-4691 Feb 27 j 19:36	0° ♁	
evening rise	-4694 Oct 15 j 01:37	27° ♁ 22'56		greatest brilliancy	-4691 Mar 03 j 21:06	1° ♁ 01'56	-4.7m
	-4694 Oct 17 j 03:39	0° ♁		desc. node	-4691 Apr 05 j 11:29	22° ♁ 43'13	
desc. node	-4694 Oct 19 j 15:42	3° ♁ 08'24		morning max el	-4691 Apr 12 j 12:14	29° ♁ 12'50	45°49'35
	-4694 Nov 10 j 02:58	0° ♁			-4691 Apr 13 j 08:01	0° \approx	
	-4694 Dec 04 j 06:09	0° ♁			-4691 May 12 j 09:23	0° ♁	
	-4694 Dec 28 j 14:44	0° ♁			-4691 Jun 08 j 00:17	0° ♁	
	-4693 Jan 22 j 08:03	0° \approx			-4691 Jul 03 j 10:31	0° ♁	
asc. node	-4693 Feb 09 j 08:39	21° \approx 26'08		asc. node	-4691 Jul 27 j 06:37	28° ♁ 59'21	
	-4693 Feb 16 j 16:17	0° ♁			-4691 Jul 28 j 02:20	0° ♁	
	-4693 Mar 15 j 02:53	0° ♁			-4691 Aug 21 j 05:48	0° ♁	
	-4693 Apr 12 j 21:22	0° ♁			-4691 Sep 14 j 02:12	0° ♁	
evening max el	-4693 Apr 15 j 19:33	2° ♁ 48'15	45°12'37		-4691 Oct 07 j 20:18	0° ♁	
	-4693 May 23 j 12:43	0° ♁		morning set	-4691 Oct 09 j 07:38	1° ♁ 51'30	
greatest brilliancy	-4693 May 23 j 23:31	0° ♁ 09'35	-4.7m		-4691 Oct 31 j 15:36	0° ♁	
desc. node	-4693 Jun 01 j 07:59	1° ♁ 57'09		desc. node	-4691 Nov 16 j 04:16	19° ♁ 29'27	
retrograde	-4693 Jun 03 j 05:44	2° ♁ 01'14					
	-4693 Jun 13 j 11:17	30° ♁		superior conj	-4691 Nov 20 j 10:18	24° ♁ 48'47	-0°09'52
evening set	-4693 Jun 18 j 10:20	27° ♁ 40'46		minimum elong	-4691 Nov 20 j 07:35	24° ♁ 40'18	0°09'50
inferior conj	-4693 Jun 24 j 09:14	24° ♁ 12'26	-5°08'38	behind sun begin	-4691 Nov 19 j 09:42	23° ♁ 31'50	

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

behind sun end	-4691 Nov 21 j 05:28	25° Ω 48'44			-4688 Jun 14 j 22:47	0° Υ	
	-4691 Nov 24 j 13:51	0° \mathbb{L}		morning max el	-4688 Jun 21 j 13:19	6° Υ 13'04	46°06'30
max. Earth dist.	-4691 Nov 25 j 18:32	1° \mathbb{L} 29'38	1.71566 AU		-4688 Jul 14 j 11:18	0° \mathcal{B}	
	-4691 Dec 18 j 15:27	0° \mathcal{A}			-4688 Aug 09 j 19:24	0° \mathbb{I}	
evening rise	-4691 Dec 31 j 23:20	16° \mathcal{A} 32'14		asc. node	-4688 Aug 23 j 18:24	16° \mathbb{I} 37'28	
	-4690 Jan 11 j 20:28	0° \mathcal{B}			-4688 Sep 03 j 18:51	0° \mathcal{C}	
	-4690 Feb 05 j 05:29	0° \approx			-4688 Sep 28 j 01:43	0° Ω	
	-4690 Mar 01 j 20:00	0° \mathcal{H}			-4688 Oct 22 j 01:28	0° \mathbb{P}	
asc. node	-4690 Mar 08 j 20:53	8° \mathcal{H} 30'53			-4688 Nov 15 j 00:18	0° $\underline{\Omega}$	
	-4690 Mar 26 j 18:18	0° Υ			-4688 Dec 09 j 01:25	0° \mathbb{L}	
	-4690 Apr 21 j 03:33	0° \mathcal{B}		desc. node	-4688 Dec 13 j 16:48	5° \mathbb{L} 46'17	
	-4690 May 17 j 05:47	0° \mathbb{I}		morning set	-4688 Dec 25 j 16:30	20° \mathbb{L} 39'01	
	-4690 Jun 13 j 16:57	0° \mathcal{C}			-4687 Jan 02 j 05:35	0° \mathcal{A}	
evening max el	-4690 Jun 27 j 14:17	14° \mathcal{C} 03'29	46°27'58		-4687 Jan 26 j 12:18	0° \mathcal{B}	
desc. node	-4690 Jun 28 j 19:22	15° \mathcal{C} 13'53					
	-4690 Jul 15 j 07:49	0° Ω		superior conj	-4687 Feb 03 j 16:01	10° \mathcal{B} 03'20	-1°22'36
greatest brilliancy	-4690 Aug 07 j 13:24	13° Ω 56'24	-4.9m	minimum elong	-4687 Feb 03 j 13:30	9° \mathcal{B} 55'34	1°22'50
retrograde	-4690 Aug 16 j 11:58	15° Ω 25'56		max. Earth dist.	-4687 Feb 05 j 16:14	12° \mathcal{B} 31'51	1.73199 AU
evening set	-4690 Sep 03 j 03:05	9° Ω 36'55			-4687 Feb 19 j 20:53	0° \approx	
inferior conj	-4690 Sep 06 j 05:02	7° Ω 46'24	-8°30'34	evening rise	-4687 Mar 13 j 03:26	26° \approx 07'45	
minimum elong	-4690 Sep 06 j 12:02	7° Ω 35'49	8°29'37	greatest brilliancy	-4687 Mar 15 j 01:12	28° \approx 28'03	-3.9m
min. Earth dist.	-4690 Sep 06 j 13:21	7° Ω 33'50	0.26703 AU		-4687 Mar 16 j 07:12	0° \mathcal{H}	
morning rise	-4690 Sep 09 j 20:50	5° Ω 35'27		asc. node	-4687 Apr 05 j 09:19	24° \mathcal{H} 35'33	
direct	-4690 Sep 26 j 15:00	0° Ω 08'27			-4687 Apr 09 j 19:30	0° Υ	
greatest brilliancy	-4690 Oct 07 j 07:23	2° Ω 18'05	-4.9m		-4687 May 04 j 10:14	0° \mathcal{B}	
asc. node	-4690 Oct 19 j 14:50	9° Ω 05'59			-4687 May 29 j 04:09	0° \mathbb{I}	
	-4690 Nov 12 j 16:40	0° \mathbb{P}			-4687 Jun 23 j 03:06	0° \mathcal{C}	
morning max el	-4690 Nov 16 j 08:07	3° \mathbb{P} 40'15	46°46'58		-4687 Jul 18 j 11:15	0° Ω	
	-4690 Dec 10 j 17:33	0° $\underline{\Omega}$		desc. node	-4687 Jul 26 j 06:56	9° Ω 06'35	
	-4689 Jan 05 j 20:44	0° \mathbb{L}			-4687 Aug 13 j 13:53	0° \mathbb{P}	
	-4689 Jan 31 j 08:58	0° \mathcal{A}		evening max el	-4687 Sep 09 j 03:07	28° \mathbb{P} 31'49	47°36'53
desc. node	-4689 Feb 08 j 14:48	9° \mathcal{A} 46'24			-4687 Sep 10 j 14:10	0° $\underline{\Omega}$	
	-4689 Feb 25 j 14:15	0° \mathcal{B}			-4687 Oct 19 j 09:58	0° \mathbb{L}	
	-4689 Mar 22 j 14:27	0° \approx		greatest brilliancy	-4687 Oct 19 j 23:57	0° \mathbb{L} 13'21	-4.9m
	-4689 Apr 16 j 09:38	0° \mathcal{H}		retrograde	-4687 Oct 30 j 03:45	2° \mathbb{L} 12'27	
	-4689 May 10 j 23:31	0° Υ			-4687 Nov 09 j 09:43	30° \mathcal{R} $\underline{\Omega}$	
morning set	-4689 May 16 j 22:55	7° Υ 20'02		evening set	-4687 Nov 13 j 15:36	27° $\underline{\Omega}$ 54'55	
asc. node	-4689 Jun 01 j 08:21	26° Υ 18'23		asc. node	-4687 Nov 16 j 02:10	26° $\underline{\Omega}$ 30'28	
	-4689 Jun 04 j 08:03	0° \mathcal{B}		min. Earth dist.	-4687 Nov 19 j 00:01	24° $\underline{\Omega}$ 43'16	0.26826 AU
max. Earth dist.	-4689 Jun 17 j 16:01	16° \mathcal{B} 31'54	1.72520 AU	inferior conj	-4687 Nov 19 j 19:35	24° $\underline{\Omega}$ 12'45	0°56'28
				minimum elong	-4687 Nov 19 j 17:32	24° $\underline{\Omega}$ 15'57	0°55'45
superior conj	-4689 Jun 22 j 00:48	21° \mathcal{B} 57'42	0°46'01	morning rise	-4687 Nov 25 j 20:24	20° $\underline{\Omega}$ 37'41	
minimum elong	-4689 Jun 21 j 16:52	21° \mathcal{B} 33'01	0°45'52	direct	-4687 Dec 10 j 04:38	16° $\underline{\Omega}$ 29'18	
	-4689 Jun 28 j 11:40	0° \mathbb{I}		greatest brilliancy	-4687 Dec 19 j 09:41	18° $\underline{\Omega}$ 06'44	-4.8m
	-4689 Jul 22 j 11:42	0° \mathcal{C}			-4686 Jan 08 j 14:50	0° \mathbb{L}	
evening rise	-4689 Jul 28 j 16:59	7° \mathcal{C} 47'39		morning max el	-4686 Jan 28 j 16:04	17° \mathbb{L} 49'59	46°12'43
	-4689 Aug 15 j 10:10	0° Ω			-4686 Feb 09 j 18:05	0° \mathcal{A}	
	-4689 Sep 08 j 09:18	0° \mathbb{P}		desc. node	-4686 Mar 08 j 02:26	28° \mathcal{A} 27'35	
desc. node	-4689 Sep 21 j 05:15	16° \mathbb{P} 00'52			-4686 Mar 09 j 11:35	0° \mathcal{B}	
	-4689 Oct 02 j 11:01	0° $\underline{\Omega}$			-4686 Apr 04 j 19:38	0° \approx	
	-4689 Oct 26 j 17:06	0° \mathbb{L}			-4686 Apr 30 j 09:35	0° \mathcal{H}	
	-4689 Nov 20 j 06:26	0° \mathcal{A}			-4686 May 25 j 10:35	0° Υ	
	-4689 Dec 15 j 09:34	0° \mathcal{B}			-4686 Jun 19 j 00:55	0° \mathcal{B}	
	-4688 Jan 10 j 18:09	0° \approx		asc. node	-4686 Jun 28 j 20:35	12° \mathcal{B} 06'44	
asc. node	-4688 Jan 11 j 22:52	1° \approx 18'24			-4686 Jul 13 j 06:17	0° \mathbb{I}	
evening max el	-4688 Feb 01 j 09:12	22° \approx 29'35	45°25'44	morning set	-4686 Jul 24 j 11:35	14° \mathbb{I} 01'28	
	-4688 Feb 09 j 09:11	0° \mathcal{H}			-4686 Aug 06 j 05:00	0° \mathcal{C}	
greatest brilliancy	-4688 Mar 10 j 05:12	20° \mathcal{H} 22'21	-4.7m		-4686 Aug 30 j 00:03	0° Ω	
retrograde	-4688 Mar 20 j 23:07	22° \mathcal{H} 27'07					
evening set	-4688 Apr 06 j 00:35	17° \mathcal{H} 30'38		superior conj	-4686 Aug 31 j 23:54	2° Ω 31'00	1°21'33
inferior conj	-4688 Apr 11 j 09:46	14° \mathcal{H} 14'59	4°37'50	minimum elong	-4686 Sep 01 j 04:50	2° Ω 46'36	1°21'42
minimum elong	-4688 Apr 11 j 18:06	14° \mathcal{H} 01'56	4°35'49	max. Earth dist.	-4686 Aug 31 j 11:25	1° Ω 51'38	1.70941 AU
min. Earth dist.	-4688 Apr 12 j 04:08	13° \mathcal{H} 46'14	0.29202 AU		-4686 Sep 22 j 18:34	0° \mathbb{P}	
morning rise	-4688 Apr 17 j 11:14	10° \mathcal{H} 35'11		evening rise	-4686 Oct 12 j 10:15	24° \mathbb{P} 44'03	
desc. node	-4688 May 02 j 22:45	5° \mathcal{H} 49'34			-4686 Oct 16 j 14:54	0° $\underline{\Omega}$	
direct	-4688 May 03 j 05:55	5° \mathcal{H} 49'28		desc. node	-4686 Oct 18 j 17:54	2° $\underline{\Omega}$ 40'01	
greatest brilliancy	-4688 May 14 j 03:04	7° \mathcal{H} 56'30	-4.7m		-4686 Nov 09 j 14:20	0° \mathbb{L}	

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

	-4686 Dec 03 j 17:40	0°♊			-4683 Jul 02 j 22:54	0°♋	
	-4686 Dec 28 j 02:30	0°♌		asc. node	-4683 Jul 26 j 08:40	28°♋29'14	
	-4685 Jan 21 j 20:20	0°♍			-4683 Jul 27 j 14:10	0°♌	
asc. node	-4685 Feb 08 j 10:43	20°♍54'07			-4683 Aug 20 j 17:21	0°♍	
	-4685 Feb 16 j 05:38	0°♎			-4683 Sep 13 j 13:39	0°♎	
	-4685 Mar 14 j 18:35	0°♏		morning set	-4683 Oct 06 j 18:01	29°♎16'45	
	-4685 Apr 12 j 19:52	0°♐			-4683 Oct 07 j 07:43	0°♏	
evening max el	-4685 Apr 13 j 10:02	0°♐33'39	45°11'21		-4683 Oct 31 j 02:57	0°♐	
greatest brilliancy	-4685 May 21 j 13:34	27°♐54'00	-4.7m	desc. node	-4683 Nov 15 j 06:26	19°♐00'47	
desc. node	-4685 May 31 j 10:09	29°♐45'13					
retrograde	-4685 May 31 j 19:09	29°♐45'22		superior conj	-4683 Nov 17 j 19:28	22°♐11'54	-0°05'56
evening set	-4685 Jun 15 j 22:28	25°♐27'33		minimum elong	-4683 Nov 17 j 17:49	22°♐06'44	0°05'56
inferior conj	-4685 Jun 21 j 23:38	21°♐56'11	-4°50'40	behind sun begin	-4683 Nov 16 j 16:18	20°♐46'49	
minimum elong	-4685 Jun 21 j 14:16	22°♐10'26	4°48'09	behind sun end	-4683 Nov 18 j 19:20	23°♐26'37	
min. Earth dist.	-4685 Jun 22 j 08:35	21°♐42'33	0.27952 AU	max. Earth dist.	-4683 Nov 23 j 00:36	28°♐43'19	1.71508 AU
morning rise	-4685 Jun 27 j 05:27	18°♐49'43			-4683 Nov 24 j 01:08	0°♑	
direct	-4685 Jul 13 j 08:32	13°♐55'10			-4683 Dec 18 j 02:41	0°♊	
greatest brilliancy	-4685 Jul 24 j 10:28	16°♐08'52	-4.8m	evening rise	-4683 Dec 29 j 11:43	14°♊07'08	
	-4685 Aug 15 j 03:33	0°♒			-4682 Jan 11 j 07:43	0°♌	
morning max el	-4685 Sep 01 j 15:07	16°♒14'05	46°42'08		-4682 Feb 04 j 16:51	0°♍	
	-4685 Sep 14 j 17:25	0°♎			-4682 Mar 01 j 07:39	0°♎	
asc. node	-4685 Sep 21 j 05:52	7°♎11'32		asc. node	-4682 Mar 07 j 23:01	8°♎01'46	
	-4685 Oct 11 j 01:11	0°♏			-4682 Mar 26 j 06:30	0°♏	
	-4685 Nov 05 j 01:17	0°♐			-4682 Apr 20 j 16:49	0°♐	
	-4685 Nov 29 j 14:34	0°♑			-4682 May 16 j 21:04	0°♑	
	-4685 Dec 24 j 01:45	0°♒			-4682 Jun 13 j 12:50	0°♒	
desc. node	-4684 Jan 11 j 04:56	22°♒12'37		evening max el	-4682 Jun 25 j 02:53	11°♒38'52	46°24'46
	-4684 Jan 17 j 13:46	0°♊		desc. node	-4682 Jun 27 j 21:24	14°♒18'46	
	-4684 Feb 11 j 02:39	0°♋			-4682 Jul 15 j 22:53	0°♋	
	-4684 Mar 06 j 15:29	0°♌		greatest brilliancy	-4682 Aug 05 j 00:17	11°♋26'24	-4.9m
morning set	-4684 Mar 07 j 19:34	1°♌25'53		retrograde	-4682 Aug 14 j 00:08	12°♋56'51	
	-4684 Mar 31 j 03:24	0°♍		evening set	-4682 Aug 31 j 17:14	7°♋04'10	
max. Earth dist.	-4684 Apr 11 j 02:23	13°♍26'35	1.73712 AU	inferior conj	-4682 Sep 03 j 17:03	5°♋16'59	-8°37'40
				minimum elong	-4682 Sep 03 j 23:16	5°♋07'34	8°36'54
superior conj	-4684 Apr 13 j 00:53	15°♍49'16	-0°44'07	min. Earth dist.	-4682 Sep 04 j 01:17	5°♋04'32	0.26743 AU
minimum elong	-4684 Apr 13 j 08:19	16°♍12'05	0°43'52	morning rise	-4682 Sep 07 j 05:11	3°♋11'37	
	-4684 Apr 24 j 13:51	0°♎			-4682 Sep 13 j 10:18	30°♌08	
asc. node	-4684 May 02 j 21:57	10°♎15'31		direct	-4682 Sep 24 j 03:50	27°♌38'19	
evening rise	-4684 May 18 j 16:43	29°♎41'59		greatest brilliancy	-4682 Oct 04 j 20:30	29°♌48'36	-4.9m
	-4684 May 18 j 22:34	0°♏			-4682 Oct 05 j 08:02	0°♍	
	-4684 Jun 12 j 05:45	0°♐		asc. node	-4682 Oct 18 j 17:07	7°♍42'28	
	-4684 Jul 06 j 12:19	0°♑			-4682 Nov 12 j 16:58	0°♎	
	-4684 Jul 30 j 20:04	0°♒		morning max el	-4682 Nov 13 j 22:28	1°♎14'58	46°47'46
desc. node	-4684 Aug 22 j 19:01	28°♒08'57			-4682 Dec 10 j 10:40	0°♏	
	-4684 Aug 24 j 07:24	0°♑			-4681 Jan 05 j 11:10	0°♐	
	-4684 Sep 18 j 01:38	0°♒			-4681 Jan 30 j 21:59	0°♊	
	-4684 Oct 13 j 09:16	0°♓		desc. node	-4681 Feb 07 j 16:56	9°♊15'00	
	-4684 Nov 08 j 23:59	0°♋			-4681 Feb 25 j 02:26	0°♋	
evening max el	-4684 Nov 19 j 04:33	10°♋42'07	46°53'29		-4681 Mar 22 j 02:05	0°♌	
	-4684 Dec 10 j 00:35	0°♌			-4681 Apr 15 j 20:55	0°♍	
asc. node	-4684 Dec 13 j 13:29	2°♌45'03			-4681 May 10 j 10:37	0°♎	
greatest brilliancy	-4684 Dec 28 j 22:01	11°♌48'05	-4.8m	morning set	-4681 May 14 j 17:51	5°♎16'41	
retrograde	-4683 Jan 08 j 19:34	14°♌03'06		asc. node	-4681 May 31 j 10:22	25°♎50'29	
evening set	-4683 Jan 26 j 05:28	8°♌06'43			-4681 Jun 03 j 19:06	0°♏	
min. Earth dist.	-4683 Jan 29 j 13:02	6°♌01'04	0.28906 AU	max. Earth dist.	-4681 Jun 15 j 10:39	14°♏26'16	1.72577 AU
inferior conj	-4683 Jan 30 j 02:52	5°♌38'48	8°06'37				
minimum elong	-4683 Jan 29 j 23:06	5°♌44'52	8°06'10	superior conj	-4681 Jun 19 j 18:34	19°♏49'09	0°43'19
morning rise	-4683 Feb 02 j 17:00	3°♌22'26		minimum elong	-4681 Jun 19 j 10:57	19°♏25'30	0°43'11
	-4683 Feb 08 j 21:57	30°♌21			-4681 Jun 27 j 22:46	0°♐	
direct	-4683 Feb 20 j 10:42	27°♌20'36			-4681 Jul 21 j 22:56	0°♑	
greatest brilliancy	-4683 Mar 01 j 12:33	28°♌50'51	-4.7m	evening rise	-4681 Jul 26 j 08:19	5°♑30'03	
	-4683 Mar 04 j 16:13	0°♒			-4681 Aug 14 j 21:36	0°♒	
desc. node	-4683 Apr 04 j 13:43	21°♒50'11			-4681 Sep 07 j 20:58	0°♓	
morning max el	-4683 Apr 10 j 03:28	27°♒00'50	45°49'45	desc. node	-4681 Sep 20 j 07:26	15°♓30'47	
	-4683 Apr 13 j 06:02	0°♓			-4681 Oct 01 j 22:59	0°♋	
	-4683 May 12 j 01:07	0°♔			-4681 Oct 26 j 05:28	0°♌	
	-4683 Jun 07 j 13:45	0°♕			-4681 Nov 19 j 19:25	0°♍	

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

	-4681 Dec 14 j 23:40	0°☾				-4678 Jul 12 j 17:28	0°☿	
	-4680 Jan 10 j 10:57	0°♊		morning set		-4678 Jul 22 j 02:47	11°☿43'52	
asc. node	-4680 Jan 11 j 00:59	0°♊38'06				-4678 Aug 05 j 16:10	0°♊	
evening max el	-4680 Jan 30 j 01:46	20°♊19'45	45°27'56	max. Earth dist.		-4678 Aug 28 j 13:17	28°♊50'36	1.70971 AU
	-4680 Feb 09 j 11:48	0°♋				-4678 Aug 29 j 11:17	0°♋	
greatest brilliancy	-4680 Mar 07 j 21:24	18°♋14'43	-4.7m					
retrograde	-4680 Mar 18 j 16:09	20°♋19'56		superior conj		-4678 Aug 29 j 12:17	0°♋03'12	1°22'20
evening set	-4680 Apr 03 j 19:45	15°♋19'50		minimum elong		-4678 Aug 29 j 16:20	0°♋15'58	1°22'31
inferior conj	-4680 Apr 09 j 02:34	12°♋06'57	4°53'05			-4678 Sep 22 j 05:53	0°♌	
minimum elong	-4680 Apr 09 j 11:07	11°♋53'32	4°51'04	evening rise		-4678 Oct 09 j 18:33	22°♌03'34	
min. Earth dist.	-4680 Apr 09 j 20:10	11°♋39'20	0.29232 AU			-4678 Oct 16 j 02:18	0°♌	
morning rise	-4680 Apr 15 j 02:13	8°♋29'29		desc. node		-4678 Oct 17 j 19:59	2°♌10'44	
direct	-4680 Apr 30 j 23:21	3°♋41'09				-4678 Nov 09 j 01:49	0°♌	
desc. node	-4680 May 02 j 00:56	3°♋42'28				-4678 Dec 03 j 05:17	0°♍	
greatest brilliancy	-4680 May 11 j 18:03	5°♋46'15	-4.7m			-4678 Dec 27 j 14:22	0°♍	
	-4680 Jun 14 j 23:39	0°♎				-4677 Jan 21 j 08:45	0°♎	
morning max el	-4680 Jun 19 j 06:08	4°♎03'29	46°05'15	asc. node		-4677 Feb 07 j 12:54	20°♎22'08	
	-4680 Jul 14 j 03:56	0°♏				-4677 Feb 15 j 19:10	0°♏	
	-4680 Aug 09 j 09:27	0°♐				-4677 Mar 14 j 10:37	0°♐	
asc. node	-4680 Aug 22 j 20:36	16°♐04'02		evening max el		-4677 Apr 11 j 00:06	28°♐18'07	45°10'16
	-4680 Sep 03 j 07:44	0°♑				-4677 Apr 12 j 19:22	0°♑	
	-4680 Sep 27 j 13:58	0°♒		greatest brilliancy		-4677 May 19 j 03:17	25°♑38'21	-4.7m
	-4680 Oct 21 j 13:22	0°♒		retrograde		-4677 May 29 j 08:50	27°♑30'12	
	-4680 Nov 14 j 11:57	0°♓		desc. node		-4677 May 30 j 12:09	27°♑28'43	
	-4680 Dec 08 j 12:54	0°♓		evening set		-4677 Jun 13 j 10:51	23°♑14'21	
desc. node	-4680 Dec 12 j 18:44	5°♓16'45		inferior conj		-4677 Jun 19 j 14:08	19°♑40'27	-4°32'23
morning set	-4680 Dec 23 j 03:39	18°♓09'30		minimum elong		-4677 Jun 19 j 05:09	19°♑54'07	4°29'54
	-4679 Jan 01 j 16:55	0°♈		min. Earth dist.		-4677 Jun 19 j 23:56	19°♑25'31	0.27997 AU
	-4679 Jan 25 j 23:28	0°♈		morning rise		-4677 Jun 24 j 22:42	16°♑29'54	
				direct		-4677 Jul 10 j 23:01	11°♑38'14	
superior conj	-4679 Feb 01 j 06:59	7°♈47'10	-1°22'07	greatest brilliancy		-4677 Jul 22 j 02:40	13°♑53'01	-4.8m
minimum elong	-4679 Feb 01 j 03:41	7°♈36'59	1°22'20			-4677 Aug 15 j 11:50	0°♒	
max. Earth dist.	-4679 Feb 03 j 12:22	10°♈31'41	1.73153 AU	morning max el		-4677 Aug 30 j 04:37	13°♒50'25	46°41'08
	-4679 Feb 19 j 07:57	0°♉				-4677 Sep 14 j 11:54	0°♉	
evening rise	-4679 Mar 10 j 21:05	24°♉00'41		asc. node		-4677 Sep 20 j 08:07	6°♉29'15	
greatest brilliancy	-4679 Mar 13 j 13:18	27°♉17'37	-3.9m			-4677 Oct 10 j 16:10	0°♒	
	-4679 Mar 15 j 18:17	0°♊				-4677 Nov 04 j 14:45	0°♒	
asc. node	-4679 Apr 04 j 11:32	24°♊08'03				-4677 Nov 29 j 03:10	0°♓	
	-4679 Apr 09 j 06:45	0°♋				-4677 Dec 23 j 13:45	0°♓	
	-4679 May 03 j 21:50	0°♌		desc. node		-4676 Jan 10 j 07:06	21°♓43'33	
	-4679 May 28 j 16:20	0°♌				-4676 Jan 17 j 01:19	0°♈	
	-4679 Jun 22 j 16:11	0°♍				-4676 Feb 10 j 13:53	0°♈	
	-4679 Jul 18 j 01:47	0°♎		morning set		-4676 Mar 05 j 12:39	29°♈17'39	
desc. node	-4679 Jul 25 j 09:01	8°♎28'44				-4676 Mar 06 j 02:30	0°♉	
	-4679 Aug 13 j 07:09	0°♏				-4676 Mar 30 j 14:18	0°♉	
evening max el	-4679 Sep 06 j 18:17	26°♏09'47	47°36'12	max. Earth dist.		-4676 Apr 08 j 22:42	11°♉28'20	1.73724 AU
	-4679 Sep 10 j 14:38	0°♐						
greatest brilliancy	-4679 Oct 17 j 15:02	27°♐47'04	-4.9m	superior conj		-4676 Apr 10 j 19:46	13°♉46'37	-0°46'39
retrograde	-4679 Oct 27 j 17:29	29°♐44'20		minimum elong		-4676 Apr 11 j 03:29	14°♉10'18	0°46'26
evening set	-4679 Nov 11 j 05:24	25°♐27'30				-4676 Apr 24 j 00:43	0°♋	
asc. node	-4679 Nov 15 j 04:13	23°♐07'51		asc. node		-4676 May 01 j 23:59	9°♋48'14	
min. Earth dist.	-4679 Nov 16 j 14:18	22°♐14'58	0.26770 AU	evening rise		-4676 May 16 j 12:14	27°♋40'27	
inferior conj	-4679 Nov 17 j 08:52	21°♐46'01	0°33'22			-4676 May 18 j 09:31	0°♌	
minimum elong	-4679 Nov 17 j 07:39	21°♐47'55	0°32'54			-4676 Jun 11 j 16:54	0°♌	
morning rise	-4679 Nov 23 j 10:50	18°♐09'29				-4676 Jul 05 j 23:48	0°♍	
direct	-4679 Dec 07 j 17:43	14°♐03'52				-4676 Jul 30 j 08:02	0°♎	
greatest brilliancy	-4679 Dec 16 j 23:31	15°♐41'52	-4.9m	desc. node		-4676 Aug 21 j 21:13	27°♎37'22	
	-4678 Jan 09 j 03:45	0°♏				-4676 Aug 23 j 20:00	0°♏	
morning max el	-4678 Jan 26 j 05:30	15°♏28'38	46°13'53			-4676 Sep 17 j 15:11	0°♐	
	-4678 Feb 09 j 13:23	0°♑				-4676 Oct 13 j 00:28	0°♏	
desc. node	-4678 Mar 07 j 04:36	27°♑51'17				-4676 Nov 08 j 19:01	0°♑	
	-4678 Mar 09 j 02:36	0°♒		evening max el		-4676 Nov 16 j 19:18	8°♑22'16	46°56'33
	-4678 Apr 04 j 08:46	0°♒				-4676 Dec 10 j 13:33	0°♒	
	-4678 Apr 29 j 21:43	0°♋		asc. node		-4676 Dec 12 j 15:37	1°♒33'07	
	-4678 May 24 j 22:10	0°♌		greatest brilliancy		-4676 Dec 26 j 14:55	9°♒35'16	-4.8m
	-4678 Jun 18 j 12:12	0°♍		retrograde		-4675 Jan 06 j 12:28	11°♒50'51	
asc. node	-4678 Jun 27 j 22:41	11°♍38'31		evening set		-4675 Jan 23 j 20:03	5°♒57'20	

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

min. Earth dist.	-4675 Jan 27 j 04:26	3° Z 50'44	0.28849 AU	max. Earth dist.	-4673 Jun 13 j 03:57	12° B 17'34	1.72637 AU
inferior conj	-4675 Jan 27 j 19:24	3° Z 26'43	8°02'45				
minimum elong	-4675 Jan 27 j 14:59	3° Z 33'49	8°02'12	superior conj	-4673 Jun 17 j 12:28	17° B 42'03	0°40'35
morning rise	-4675 Jan 31 j 10:11	1° Z 09'31		minimum elong	-4673 Jun 17 j 05:13	17° B 19'34	0°40'26
	-4675 Feb 02 j 08:51	30° R 7			-4673 Jun 27 j 09:36	0° II	
direct	-4675 Feb 18 j 01:50	25° Z 09'15			-4673 Jul 21 j 09:54	0° G	
greatest brilliancy	-4675 Feb 27 j 03:36	26° Z 39'28	-4.7m	evening rise	-4673 Jul 23 j 23:58	3° G 14'16	
	-4675 Mar 06 j 23:03	0° Z			-4673 Aug 14 j 08:44	0° Q	
desc. node	-4675 Apr 03 j 15:54	20° Z 58'32			-4673 Sep 07 j 08:19	0° M	
morning max el	-4675 Apr 07 j 19:27	24° Z 51'05	45°49'57	desc. node	-4673 Sep 19 j 09:33	15° M 01'33	
	-4675 Apr 13 j 03:05	0° \approx			-4673 Oct 01 j 10:36	0° L	
	-4675 May 11 j 16:25	0° H			-4673 Oct 25 j 17:28	0° M	
	-4675 Jun 07 j 02:55	0° Y			-4673 Nov 19 j 08:02	0° Z	
	-4675 Jul 02 j 11:02	0° B			-4673 Dec 14 j 13:30	0° Z	
asc. node	-4675 Jul 25 j 10:54	28° B 00'19		asc. node	-4672 Jan 10 j 03:12	29° Z 58'41	
	-4675 Jul 27 j 01:45	0° II			-4672 Jan 10 j 03:41	0° \approx	
	-4675 Aug 20 j 04:41	0° G		evening max el	-4672 Jan 27 j 18:16	18° \approx 10'30	45°30'04
	-4675 Sep 13 j 00:52	0° Q			-4672 Feb 09 j 15:38	0° H	
morning set	-4675 Oct 04 j 04:42	26° Q 43'40		greatest brilliancy	-4672 Mar 05 j 14:25	16° H 08'51	-4.7m
	-4675 Oct 06 j 18:52	0° M		retrograde	-4672 Mar 16 j 08:53	18° H 13'43	
	-4675 Oct 30 j 14:05	0° L		evening set	-4672 Apr 01 j 15:02	13° H 10'11	
desc. node	-4675 Nov 14 j 08:25	18° L 32'07		inferior conj	-4672 Apr 06 j 19:29	10° H 00'08	5°07'52
				minimum elong	-4672 Apr 07 j 04:11	9° H 46'26	5°05'52
superior conj	-4675 Nov 15 j 04:20	19° L 34'31	-0°01'57	min. Earth dist.	-4672 Apr 07 j 12:31	9° H 33'20	0.29258 AU
minimum elong	-4675 Nov 15 j 03:46	19° L 32'44	0°01'59	morning rise	-4672 Apr 12 j 17:08	6° H 25'00	
behind sun begin	-4675 Nov 14 j 00:45	18° L 08'06		direct	-4672 Apr 28 j 16:38	1° H 34'10	
behind sun end	-4675 Nov 16 j 06:46	20° L 57'20		desc. node	-4672 May 01 j 02:55	1° H 40'55	
max. Earth dist.	-4675 Nov 20 j 06:27	25° L 56'49	1.71458 AU	greatest brilliancy	-4672 May 09 j 09:12	3° H 37'14	-4.7m
	-4675 Nov 23 j 12:14	0° M			-4672 Jun 14 j 22:57	0° Y	
	-4675 Dec 17 j 13:46	0° Z		morning max el	-4672 Jun 16 j 22:06	1° Y 53'00	46°03'59
evening rise	-4675 Dec 26 j 23:35	11° Z 40'51			-4672 Jul 13 j 19:53	0° B	
	-4674 Jan 10 j 18:48	0° Z			-4672 Aug 08 j 23:01	0° II	
	-4674 Feb 04 j 04:01	0° \approx		asc. node	-4672 Aug 21 j 22:43	15° II 31'35	
	-4674 Feb 28 j 19:05	0° H			-4672 Sep 02 j 20:13	0° G	
asc. node	-4674 Mar 07 j 01:12	7° H 33'28			-4672 Sep 27 j 01:51	0° Q	
	-4674 Mar 25 j 18:31	0° Y			-4672 Oct 21 j 00:53	0° M	
	-4674 Apr 20 j 05:57	0° B			-4672 Nov 13 j 23:15	0° L	
	-4674 May 16 j 12:20	0° II			-4672 Dec 07 j 24:00	0° M	
	-4674 Jun 13 j 09:01	0° G		desc. node	-4672 Dec 11 j 20:55	4° M 49'10	
evening max el	-4674 Jun 22 j 16:39	9° G 18'06	46°21'35	morning set	-4672 Dec 20 j 15:06	15° M 42'06	
desc. node	-4674 Jun 26 j 23:38	13° G 23'49			-4671 Jan 01 j 03:51	0° Z	
	-4674 Jul 16 j 18:17	0° Q			-4671 Jan 25 j 10:16	0° Z	
greatest brilliancy	-4674 Aug 02 j 10:56	8° Q 57'42	-4.9m				
retrograde	-4674 Aug 11 j 12:38	10° Q 29'12		superior conj	-4671 Jan 29 j 22:01	5° Z 32'17	-1°21'30
evening set	-4674 Aug 29 j 07:12	4° Q 33'38		minimum elong	-4671 Jan 29 j 17:56	5° Z 19'42	1°21'41
inferior conj	-4674 Sep 01 j 05:11	2° Q 49'09	-8°43'47	max. Earth dist.	-4671 Feb 01 j 08:50	8° Z 33'36	1.73108 AU
minimum elong	-4674 Sep 01 j 10:34	2° Q 41'01	8°43'09		-4671 Feb 18 j 18:41	0° \approx	
min. Earth dist.	-4674 Sep 01 j 13:04	2° Q 37'16	0.26778 AU	evening rise	-4671 Mar 08 j 14:37	21° \approx 54'14	
morning rise	-4674 Sep 04 j 13:51	0° Q 49'00		greatest brilliancy	-4671 Mar 11 j 22:27	25° \approx 59'04	-3.9m
	-4674 Sep 06 j 00:14	30° R 6			-4671 Mar 15 j 05:03	0° H	
direct	-4674 Sep 21 j 17:13	25° G 10'07		asc. node	-4671 Apr 03 j 13:33	23° H 40'54	
greatest brilliancy	-4674 Oct 02 j 09:07	27° G 20'08	-4.9m		-4671 Apr 08 j 17:43	0° Y	
	-4674 Oct 08 j 01:16	0° Q			-4671 May 03 j 09:09	0° B	
asc. node	-4674 Oct 17 j 19:10	6° Q 22'44			-4671 May 28 j 04:14	0° II	
morning max el	-4674 Nov 11 j 12:53	28° Q 51'09	46°48'22		-4671 Jun 22 j 05:01	0° G	
	-4674 Nov 12 j 15:45	0° M			-4671 Jul 17 j 16:09	0° Q	
	-4674 Dec 10 j 03:07	0° L		desc. node	-4671 Jul 24 j 11:13	7° Q 51'54	
	-4673 Jan 05 j 01:10	0° M			-4671 Aug 13 j 00:26	0° M	
	-4673 Jan 30 j 10:41	0° Z		evening max el	-4671 Sep 04 j 08:42	23° M 46'39	47°35'18
desc. node	-4673 Feb 06 j 19:06	8° Z 44'34			-4671 Sep 10 j 15:56	0° L	
	-4673 Feb 24 j 14:19	0° Z		greatest brilliancy	-4671 Oct 15 j 06:42	25° L 22'16	-4.9m
	-4673 Mar 21 j 13:25	0° \approx		retrograde	-4671 Oct 25 j 06:46	27° L 17'10	
	-4673 Apr 15 j 07:53	0° H		evening set	-4671 Nov 08 j 19:23	23° L 00'43	
	-4673 May 09 j 21:24	0° Y		min. Earth dist.	-4671 Nov 14 j 05:02	19° L 47'10	0.26715 AU
morning set	-4673 May 12 j 12:46	3° Y 14'21		asc. node	-4671 Nov 14 j 06:22	19° L 45'06	
asc. node	-4673 May 30 j 12:27	25° Y 23'43		inferior conj	-4671 Nov 14 j 22:11	19° L 20'25	0°10'03
	-4673 Jun 03 j 05:50	0° B		minimum elong	-4671 Nov 14 j 21:49	19° L 20'59	0°09'51

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

transit middle	-4671 Nov 14 j 21:49	19° Ω 20'59	0°09'51	evening rise	-4668 May 14 j 08:02	25° Υ 40'13	
transit begin	-4671 Nov 14 j 18:33	19° Ω 26'05			-4668 May 17 j 20:23	0° \mathcal{B}	
transit end	-4671 Nov 15 j 01:05	19° Ω 15'53			-4668 Jun 11 j 04:00	0° Π	
morning rise	-4671 Nov 21 j 01:05	15° Ω 42'32			-4668 Jul 05 j 11:17	0° \mathcal{E}	
direct	-4671 Dec 05 j 06:13	11° Ω 39'22			-4668 Jul 29 j 20:00	0° Ω	
greatest brilliancy	-4671 Dec 14 j 13:54	13° Ω 18'35	-4.9m	desc. node	-4668 Aug 20 j 23:17	27° Ω 05'25	
	-4670 Jan 09 j 12:50	0° \mathcal{M}			-4668 Aug 23 j 08:38	0° \mathcal{M}	
morning max el	-4670 Jan 23 j 18:24	13° \mathcal{M} 06'56	46°15'13		-4668 Sep 17 j 04:47	0° $\underline{\Omega}$	
	-4670 Feb 09 j 07:43	0° \mathcal{A}			-4668 Oct 12 j 15:50	0° \mathcal{M}	
desc. node	-4670 Mar 06 j 06:44	27° \mathcal{A} 16'19			-4668 Nov 08 j 14:36	0° \mathcal{A}	
	-4670 Mar 08 j 17:02	0° \mathcal{Z}		evening max el	-4668 Nov 14 j 11:03	6° \mathcal{A} 04'54	46°59'31
	-4670 Apr 03 j 21:28	0° \approx			-4668 Dec 11 j 07:00	0° \mathcal{Z}	
	-4670 Apr 29 j 09:31	0° \mathcal{H}		asc. node	-4668 Dec 11 j 17:55	0° \mathcal{Z} 19'15	
	-4670 May 24 j 09:28	0° Υ		greatest brilliancy	-4668 Dec 24 j 07:18	7° \mathcal{Z} 21'31	-4.8m
	-4670 Jun 17 j 23:13	0° \mathcal{B}		retrograde	-4667 Jan 04 j 05:42	9° \mathcal{Z} 38'12	
asc. node	-4670 Jun 27 j 00:55	11° \mathcal{B} 11'36		evening set	-4667 Jan 21 j 10:23	3° \mathcal{Z} 47'46	
	-4670 Jul 12 j 04:22	0° Π		inferior conj	-4667 Jan 25 j 11:51	1° \mathcal{Z} 14'09	7°58'06
morning set	-4670 Jul 19 j 18:09	9° Π 27'37		minimum elong	-4667 Jan 25 j 06:49	1° \mathcal{Z} 22'12	7°57'27
	-4670 Aug 05 j 03:04	0° \mathcal{E}		min. Earth dist.	-4667 Jan 24 j 19:33	1° \mathcal{Z} 40'16	0.28789 AU
max. Earth dist.	-4670 Aug 25 j 18:10	25° \mathcal{E} 59'57	1.71008 AU		-4667 Jan 27 j 10:20	30° \mathcal{R} \mathcal{A}	
				morning rise	-4667 Jan 29 j 03:33	28° \mathcal{A} 55'50	
superior conj	-4670 Aug 27 j 00:53	27° \mathcal{E} 36'52	1°22'57	direct	-4667 Feb 15 j 17:26	22° \mathcal{A} 57'33	
minimum elong	-4670 Aug 27 j 04:02	27° \mathcal{E} 46'49	1°23'09	greatest brilliancy	-4667 Feb 24 j 18:09	24° \mathcal{A} 27'22	-4.7m
	-4670 Aug 28 j 22:15	0° Ω			-4667 Mar 08 j 10:38	0° \mathcal{Z}	
	-4670 Sep 21 j 16:58	0° \mathcal{M}		desc. node	-4667 Apr 02 j 17:54	20° \mathcal{Z} 07'32	
evening rise	-4670 Oct 07 j 03:04	19° \mathcal{M} 24'29		morning max el	-4667 Apr 05 j 12:08	22° \mathcal{Z} 43'10	45°50'19
	-4670 Oct 15 j 13:30	0° $\underline{\Omega}$			-4667 Apr 12 j 23:24	0° \approx	
desc. node	-4670 Oct 16 j 22:00	1° $\underline{\Omega}$ 41'55			-4667 May 11 j 07:28	0° \mathcal{H}	
	-4670 Nov 08 j 13:06	0° \mathcal{M}			-4667 Jun 06 j 15:59	0° Υ	
	-4670 Dec 02 j 16:41	0° \mathcal{A}			-4667 Jul 01 j 23:09	0° \mathcal{B}	
	-4670 Dec 27 j 02:01	0° \mathcal{Z}		asc. node	-4667 Jul 24 j 13:02	27° \mathcal{B} 30'56	
	-4669 Jan 20 j 20:55	0° \approx			-4667 Jul 26 j 13:24	0° Π	
asc. node	-4669 Feb 06 j 15:04	19° \approx 50'54			-4667 Aug 19 j 16:07	0° \mathcal{E}	
	-4669 Feb 15 j 08:30	0° \mathcal{H}		greatest brilliancy	-4667 Aug 23 j 09:13	4° \mathcal{E} 39'21	-3.9m
	-4669 Mar 14 j 02:36	0° Υ			-4667 Sep 12 j 12:12	0° Ω	
evening max el	-4669 Apr 08 j 14:23	26° Υ 04'02	45°09'13	morning set	-4667 Oct 01 j 15:20	24° Ω 10'05	
	-4669 Apr 12 j 19:37	0° \mathcal{B}			-4667 Oct 06 j 06:09	0° \mathcal{M}	
greatest brilliancy	-4669 May 16 j 16:33	23° \mathcal{B} 23'05	-4.7m		-4667 Oct 30 j 01:19	0° $\underline{\Omega}$	
retrograde	-4669 May 26 j 23:06	25° \mathcal{B} 16'11					
desc. node	-4669 May 29 j 14:24	25° \mathcal{B} 08'08		superior conj	-4667 Nov 12 j 12:54	16° $\underline{\Omega}$ 55'46	0°02'08
evening set	-4669 Jun 10 j 23:36	21° \mathcal{B} 01'48		minimum elong	-4667 Nov 12 j 13:28	16° $\underline{\Omega}$ 57'31	0°02'03
inferior conj	-4669 Jun 17 j 04:45	17° \mathcal{B} 25'35	-4°13'43	behind sun begin	-4667 Nov 11 j 10:26	15° $\underline{\Omega}$ 32'46	
minimum elong	-4669 Jun 16 j 20:12	17° \mathcal{B} 38'34	4°11'18	behind sun end	-4667 Nov 13 j 16:30	18° $\underline{\Omega}$ 22'14	
min. Earth dist.	-4669 Jun 17 j 15:11	17° \mathcal{B} 09'43	0.28046 AU	desc. node	-4667 Nov 13 j 10:36	18° $\underline{\Omega}$ 03'45	
morning rise	-4669 Jun 22 j 16:02	14° \mathcal{B} 11'20		max. Earth dist.	-4667 Nov 17 j 15:04	23° $\underline{\Omega}$ 18'26	1.71408 AU
direct	-4669 Jul 08 j 13:57	9° \mathcal{B} 22'09			-4667 Nov 22 j 23:27	0° \mathcal{M}	
greatest brilliancy	-4669 Jul 19 j 18:59	11° \mathcal{B} 38'12	-4.8m		-4667 Dec 17 j 00:59	0° \mathcal{A}	
	-4669 Aug 15 j 17:33	0° Π		evening rise	-4667 Dec 24 j 11:17	9° \mathcal{A} 13'33	
morning max el	-4669 Aug 27 j 19:10	11° Π 30'08	46°40'08		-4666 Jan 10 j 06:03	0° \mathcal{Z}	
	-4669 Sep 14 j 05:46	0° \mathcal{E}			-4666 Feb 03 j 15:22	0° \approx	
asc. node	-4669 Sep 19 j 10:12	5° \mathcal{E} 47'33			-4666 Feb 28 j 06:42	0° \mathcal{H}	
	-4669 Oct 10 j 06:49	0° Ω		asc. node	-4666 Mar 06 j 03:16	7° \mathcal{H} 04'19	
	-4669 Nov 04 j 03:58	0° \mathcal{M}			-4666 Mar 25 j 06:43	0° Υ	
	-4669 Nov 28 j 15:35	0° $\underline{\Omega}$			-4666 Apr 19 j 19:16	0° \mathcal{B}	
	-4669 Dec 23 j 01:36	0° \mathcal{M}			-4666 May 16 j 03:54	0° Π	
desc. node	-4668 Jan 09 j 09:15	21° \mathcal{M} 14'47			-4666 Jun 13 j 05:59	0° \mathcal{E}	
	-4668 Jan 16 j 12:45	0° \mathcal{A}		evening max el	-4666 Jun 20 j 06:50	6° \mathcal{E} 58'10	46°18'12
	-4668 Feb 10 j 00:59	0° \mathcal{Z}		desc. node	-4666 Jun 26 j 01:46	12° \mathcal{E} 27'10	
morning set	-4668 Mar 03 j 05:57	27° \mathcal{Z} 10'24			-4666 Jul 17 j 20:49	0° Ω	
	-4668 Mar 05 j 13:22	0° \approx		greatest brilliancy	-4666 Jul 30 j 21:36	6° Ω 28'44	-4.9m
	-4668 Mar 30 j 01:02	0° \mathcal{H}		retrograde	-4666 Aug 09 j 00:46	8° Ω 00'49	
max. Earth dist.	-4668 Apr 06 j 21:18	9° \mathcal{H} 37'29	1.73735 AU	evening set	-4666 Aug 26 j 20:49	2° Ω 03'10	
				inferior conj	-4666 Aug 29 j 17:19	0° Ω 20'42	-8°48'53
superior conj	-4668 Apr 08 j 14:56	11° \mathcal{H} 45'14	-0°49'07	minimum elong	-4666 Aug 29 j 21:50	0° Ω 13'52	8°48'22
minimum elong	-4668 Apr 08 j 22:53	12° \mathcal{H} 09'38	0°48'53	min. Earth dist.	-4666 Aug 30 j 00:53	0° Ω 09'16	0.26817 AU
	-4668 Apr 23 j 11:28	0° Υ			-4666 Aug 30 j 07:02	30° \mathcal{R} \mathcal{E}	
asc. node	-4668 May 01 j 02:08	9° Υ 21'42		morning rise	-4666 Sep 01 j 22:48	28° \mathcal{E} 25'09	

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

direct	-4666 Sep 19 j 06:42	22° ♁ 41'23		greatest brilliancy	-4663 Mar 10 j 01:12	24° \approx 19'37	-3.9m
greatest brilliancy	-4666 Sep 29 j 21:46	24° ♁ 50'42	-4.9m		-4663 Mar 14 j 16:15	0° ✕	
	-4666 Oct 09 j 18:13	0° Ω		asc. node	-4663 Apr 02 j 15:42	23° ✕ 12'52	
asc. node	-4666 Oct 16 j 21:21	5° Ω 04'50			-4663 Apr 08 j 05:06	0° Υ	
morning max el	-4666 Nov 09 j 02:31	26° Ω 24'15	46°48'52		-4663 May 02 j 20:54	0° ✕	
	-4666 Nov 12 j 14:00	0° ♁			-4663 May 27 j 16:33	0° ♁	
	-4666 Dec 09 j 19:35	0° $\underline{\text{♁}}$			-4663 Jun 21 j 18:15	0° ♁	
	-4665 Jan 04 j 15:18	0° ♁			-4663 Jul 17 j 06:57	0° Ω	
	-4665 Jan 29 j 23:33	0° ✕		desc. node	-4663 Jul 23 j 13:18	7° Ω 13'41	
desc. node	-4665 Feb 05 j 21:09	8° ✕ 13'08			-4663 Aug 12 j 18:21	0° ♁	
	-4665 Feb 24 j 02:24	0° ♁		evening max el	-4663 Sep 01 j 21:55	21° ♁ 19'50	47°34'13
	-4665 Mar 21 j 00:59	0° \approx			-4663 Sep 10 j 18:56	0° $\underline{\text{♁}}$	
	-4665 Apr 14 j 19:06	0° ✕		greatest brilliancy	-4663 Oct 12 j 22:16	22° $\underline{\text{♁}}$ 56'06	-4.9m
	-4665 May 09 j 08:26	0° Υ		retrograde	-4663 Oct 22 j 19:38	24° $\underline{\text{♁}}$ 48'43	
morning set	-4665 May 10 j 07:59	1° Υ 12'14		evening set	-4663 Nov 06 j 09:25	20° $\underline{\text{♁}}$ 31'55	
asc. node	-4665 May 29 j 14:44	24° Υ 56'49		inferior conj	-4663 Nov 12 j 11:24	16° $\underline{\text{♁}}$ 53'19	-0°13'32
	-4665 Jun 02 j 16:48	0° ✕		minimum elong	-4663 Nov 12 j 11:54	16° $\underline{\text{♁}}$ 52'32	0°13'25
max. Earth dist.	-4665 Jun 10 j 21:13	10° ✕ 08'15	1.72693 AU	transit middle	-4663 Nov 12 j 11:54	16° $\underline{\text{♁}}$ 52'32	0°13'25
				transit begin	-4663 Nov 12 j 09:28	16° $\underline{\text{♁}}$ 56'19	
superior conj	-4665 Jun 15 j 06:47	15° ✕ 35'48	0°37'49	transit end	-4663 Nov 12 j 14:20	16° $\underline{\text{♁}}$ 48'45	
minimum elong	-4665 Jun 14 j 23:56	15° ✕ 14'32	0°37'41	min. Earth dist.	-4663 Nov 11 j 19:51	17° $\underline{\text{♁}}$ 17'33	0.26672 AU
	-4665 Jun 26 j 20:38	0° ♁		asc. node	-4663 Nov 13 j 08:41	16° $\underline{\text{♁}}$ 20'12	
	-4665 Jul 20 j 21:05	0° ♁		morning rise	-4663 Nov 18 j 15:04	13° $\underline{\text{♁}}$ 14'19	
evening rise	-4665 Jul 21 j 16:04	0° ♁ 59'22		direct	-4663 Dec 02 j 18:24	9° $\underline{\text{♁}}$ 12'53	
	-4665 Aug 13 j 20:08	0° Ω		greatest brilliancy	-4663 Dec 12 j 04:49	10° $\underline{\text{♁}}$ 54'10	-4.9m
	-4665 Sep 06 j 19:59	0° ♁			-4662 Jan 09 j 20:06	0° ♁	
desc. node	-4665 Sep 18 j 11:34	14° ♁ 30'58		morning max el	-4662 Jan 21 j 07:27	10° ♁ 43'41	46°16'31
	-4665 Sep 30 j 22:37	0° $\underline{\text{♁}}$			-4662 Feb 09 j 02:10	0° ✕	
	-4665 Oct 25 j 05:55	0° ♁		desc. node	-4662 Mar 05 j 08:50	26° ✕ 40'00	
	-4665 Nov 18 j 21:08	0° ✕			-4662 Mar 08 j 07:48	0° ♁	
	-4665 Dec 14 j 03:53	0° ♁			-4662 Apr 03 j 10:33	0° \approx	
asc. node	-4664 Jan 09 j 05:20	29° ♁ 17'23			-4662 Apr 28 j 21:41	0° ✕	
	-4664 Jan 09 j 21:13	0° \approx			-4662 May 23 j 21:07	0° Υ	
evening max el	-4664 Jan 25 j 09:44	15° \approx 57'17	45°32'18		-4662 Jun 17 j 10:37	0° ✕	
	-4664 Feb 09 j 22:03	0° ✕		asc. node	-4662 Jun 26 j 02:58	10° ✕ 42'52	
greatest brilliancy	-4664 Mar 03 j 07:43	14° ✕ 01'55	-4.7m		-4662 Jul 11 j 15:37	0° ♁	
retrograde	-4664 Mar 14 j 01:08	16° ✕ 06'09		morning set	-4662 Jul 17 j 09:48	7° ♁ 11'19	
evening set	-4664 Mar 30 j 10:17	10° ✕ 59'01			-4662 Aug 04 j 14:17	0° ♁	
inferior conj	-4664 Apr 04 j 12:20	7° ✕ 52'04	5°22'22	max. Earth dist.	-4662 Aug 23 j 02:46	23° ♁ 20'11	1.71040 AU
minimum elong	-4664 Apr 04 j 21:10	7° ✕ 38'08	5°20'23				
min. Earth dist.	-4664 Apr 05 j 05:06	7° ✕ 25'37	0.29280 AU	superior conj	-4662 Aug 24 j 13:57	25° ♁ 11'10	1°23'25
morning rise	-4664 Apr 10 j 07:49	4° ✕ 19'23		minimum elong	-4662 Aug 24 j 16:12	25° ♁ 18'16	1°23'37
	-4664 Apr 20 j 23:53	30° ♁			-4662 Aug 28 j 09:31	0° Ω	
direct	-4664 Apr 26 j 09:22	29° \approx 25'48			-4662 Sep 21 j 04:19	0° ♁	
desc. node	-4664 Apr 30 j 05:12	29° \approx 42'21		evening rise	-4662 Oct 04 j 12:09	16° ♁ 46'26	
	-4664 May 01 j 22:10	0° ✕			-4662 Oct 15 j 00:57	0° $\underline{\text{♁}}$	
greatest brilliancy	-4664 May 07 j 00:48	1° ✕ 27'27	-4.7m	desc. node	-4662 Oct 16 j 00:12	1° $\underline{\text{♁}}$ 12'56	
morning max el	-4664 Jun 14 j 13:16	29° ✕ 39'35	46°03'01		-4662 Nov 08 j 00:40	0° ♁	
	-4664 Jun 14 j 21:43	0° Υ			-4662 Dec 02 j 04:25	0° ✕	
	-4664 Jul 13 j 11:54	0° ✕			-4662 Dec 26 j 14:03	0° ♁	
	-4664 Aug 08 j 12:45	0° ♁			-4661 Jan 20 j 09:34	0° \approx	
asc. node	-4664 Aug 21 j 00:51	14° ♁ 58'29		asc. node	-4661 Feb 05 j 17:09	19° \approx 17'59	
	-4664 Sep 02 j 08:54	0° ♁			-4661 Feb 14 j 22:23	0° ✕	
	-4664 Sep 26 j 14:00	0° Ω			-4661 Mar 13 j 19:20	0° Υ	
	-4664 Oct 20 j 12:45	0° ♁		evening max el	-4661 Apr 06 j 05:04	23° Υ 49'47	45°08'24
	-4664 Nov 13 j 10:55	0° $\underline{\text{♁}}$			-4661 Apr 12 j 21:43	0° ✕	
	-4664 Dec 07 j 11:31	0° ♁		greatest brilliancy	-4661 May 14 j 05:20	21° ✕ 06'14	-4.7m
desc. node	-4664 Dec 10 j 23:05	4° ♁ 20'07		retrograde	-4661 May 24 j 13:45	23° ✕ 00'55	
morning set	-4664 Dec 18 j 01:52	13° ♁ 11'04		desc. node	-4661 May 28 j 16:33	22° ✕ 41'07	
	-4664 Dec 31 j 15:11	0° ✕		evening set	-4661 Jun 08 j 12:28	18° ✕ 47'48	
	-4663 Jan 24 j 21:28	0° ♁		inferior conj	-4661 Jun 14 j 19:13	15° ✕ 09'21	-3°54'36
				minimum elong	-4661 Jun 14 j 11:11	15° ✕ 21'34	3°52'17
superior conj	-4663 Jan 27 j 12:28	3° ♁ 14'19	-1°20'43	min. Earth dist.	-4661 Jun 15 j 06:00	14° ✕ 53'00	0.28092 AU
minimum elong	-4663 Jan 27 j 07:37	2° ♁ 59'20	1°20'54	morning rise	-4661 Jun 20 j 09:10	11° ✕ 51'38	
max. Earth dist.	-4663 Jan 30 j 03:54	6° ♁ 29'56	1.73058 AU	direct	-4661 Jul 06 j 05:17	7° ✕ 04'49	
	-4663 Feb 18 j 05:49	0° \approx		greatest brilliancy	-4661 Jul 17 j 10:40	9° ✕ 21'38	-4.8m
evening rise	-4663 Mar 06 j 07:45	19° \approx 45'16			-4661 Aug 15 j 21:49	0° ♁	

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

morning max el	-4661 Aug 25 j 10:27	9° Π 11'04	46°39'16		-4658 Jan 09 j 17:12	0° Ξ	
	-4661 Sep 13 j 23:31	0° Ξ			-4658 Feb 03 j 02:38	0° \approx	
asc. node	-4661 Sep 18 j 12:22	5° Ξ 05'45			-4658 Feb 27 j 18:17	0° \mathcal{H}	
	-4661 Oct 09 j 21:30	0° Ω		asc. node	-4658 Mar 05 j 05:26	6° \mathcal{H} 35'37	
	-4661 Nov 03 j 17:16	0° \mathcal{M}			-4658 Mar 24 j 18:56	0° \mathcal{Y}	
	-4661 Nov 28 j 04:05	0° $\underline{\Omega}$			-4658 Apr 19 j 08:43	0° \mathcal{B}	
	-4661 Dec 22 j 13:35	0° \mathcal{M}			-4658 May 15 j 19:44	0° Π	
desc. node	-4660 Jan 08 j 11:15	20° \mathcal{M} 45'01			-4658 Jun 13 j 03:45	0° Ξ	
	-4660 Jan 16 j 00:21	0° \mathcal{A}		evening max el	-4658 Jun 17 j 20:30	4° Ξ 37'02	46°14'50
	-4660 Feb 09 j 12:18	0° Ξ		desc. node	-4658 Jun 25 j 03:50	11° Ξ 29'04	
morning set	-4660 Feb 29 j 22:46	25° Ξ 00'49			-4658 Jul 19 j 10:02	0° Ω	
	-4660 Mar 05 j 00:30	0° \approx		greatest brilliancy	-4658 Jul 28 j 08:44	4° Ω 00'34	-4.9m
	-4660 Mar 29 j 12:03	0° \mathcal{H}		retrograde	-4658 Aug 06 j 12:25	5° Ω 32'38	
max. Earth dist.	-4660 Apr 04 j 20:19	7° \mathcal{H} 47'03	1.73744 AU		-4658 Aug 23 j 16:03	30° $\mathcal{R}\Xi$	
				evening set	-4658 Aug 24 j 09:58	29° Ξ 33'50	
superior conj	-4660 Apr 06 j 09:36	9° \mathcal{H} 41'27	-0°51'33	inferior conj	-4658 Aug 27 j 05:28	27° Ξ 52'41	-8°52'53
minimum elong	-4660 Apr 06 j 17:44	10° \mathcal{H} 06'27	0°51'20	minimum elong	-4658 Aug 27 j 09:04	27° Ξ 47'13	8°52'29
	-4660 Apr 22 j 22:28	0° \mathcal{Y}		min. Earth dist.	-4658 Aug 27 j 12:58	27° Ξ 41'20	0.26854 AU
asc. node	-4660 Apr 30 j 04:20	8° \mathcal{Y} 54'32		morning rise	-4658 Aug 30 j 08:07	26° Ξ 01'03	
evening rise	-4660 May 12 j 03:26	23° \mathcal{Y} 38'04		direct	-4658 Sep 16 j 19:41	20° Ξ 13'01	
	-4660 May 17 j 07:29	0° \mathcal{B}		greatest brilliancy	-4658 Sep 27 j 10:45	22° Ξ 21'52	-4.9m
	-4660 Jun 10 j 15:21	0° Π			-4658 Oct 10 j 22:39	0° Ω	
	-4660 Jul 04 j 23:01	0° Ξ		asc. node	-4658 Oct 15 j 23:38	3° Ω 49'42	
	-4660 Jul 29 j 08:14	0° Ω		morning max el	-4658 Nov 06 j 15:09	23° Ω 54'57	46°49'24
desc. node	-4660 Aug 20 j 01:21	26° Ω 32'46			-4658 Nov 12 j 11:22	0° \mathcal{M}	
	-4660 Aug 22 j 21:30	0° \mathcal{M}			-4658 Dec 09 j 11:39	0° $\underline{\Omega}$	
	-4660 Sep 16 j 18:39	0° $\underline{\Omega}$			-4657 Jan 04 j 05:09	0° \mathcal{M}	
	-4660 Oct 12 j 07:29	0° \mathcal{M}			-4657 Jan 29 j 12:10	0° \mathcal{A}	
	-4660 Nov 08 j 10:45	0° \mathcal{A}		desc. node	-4657 Feb 04 j 23:17	7° \mathcal{A} 42'40	
evening max el	-4660 Nov 12 j 03:33	3° \mathcal{A} 49'21	47°02'28		-4657 Feb 23 j 14:13	0° Ξ	
asc. node	-4660 Dec 10 j 19:58	29° \mathcal{A} 02'49			-4657 Mar 20 j 12:17	0° \approx	
	-4660 Dec 12 j 06:38	0° Ξ			-4657 Apr 14 j 06:06	0° \mathcal{H}	
greatest brilliancy	-4660 Dec 21 j 23:25	5° Ξ 07'28	-4.8m	morning set	-4657 May 08 j 03:10	29° \mathcal{H} 10'36	
retrograde	-4659 Jan 01 j 23:05	7° Ξ 25'17			-4657 May 08 j 19:17	0° \mathcal{Y}	
evening set	-4659 Jan 19 j 00:35	1° Ξ 38'20		asc. node	-4657 May 28 j 16:45	24° \mathcal{Y} 29'37	
	-4659 Jan 21 j 15:34	30° $\mathcal{R}\mathcal{A}$			-4657 Jun 02 j 03:39	0° \mathcal{B}	
min. Earth dist.	-4659 Jan 22 j 10:25	29° \mathcal{A} 29'55	0.28730 AU	max. Earth dist.	-4657 Jun 08 j 14:15	7° \mathcal{B} 58'40	1.72754 AU
inferior conj	-4659 Jan 23 j 04:17	29° \mathcal{A} 01'19	7°52'40				
minimum elong	-4659 Jan 22 j 22:41	29° \mathcal{A} 10'17	7°51'55	superior conj	-4657 Jun 13 j 01:05	13° \mathcal{B} 29'55	0°35'00
morning rise	-4659 Jan 26 j 21:10	26° \mathcal{A} 41'29		minimum elong	-4657 Jun 12 j 18:39	13° \mathcal{B} 09'58	0°34'52
direct	-4659 Feb 13 j 09:33	20° \mathcal{A} 45'47			-4657 Jun 26 j 07:32	0° Π	
greatest brilliancy	-4659 Feb 22 j 08:20	22° \mathcal{A} 14'36	-4.7m	evening rise	-4657 Jul 19 j 08:08	28° Π 44'57	
	-4659 Mar 09 j 11:58	0° Ξ			-4657 Jul 20 j 08:08	0° Ξ	
desc. node	-4659 Apr 01 j 20:09	19° Ξ 17'40			-4657 Aug 13 j 07:23	0° Ω	
morning max el	-4659 Apr 03 j 04:56	20° Ξ 35'09	45°50'27		-4657 Sep 06 j 07:31	0° \mathcal{M}	
	-4659 Apr 12 j 19:15	0° \approx		desc. node	-4657 Sep 17 j 13:47	14° \mathcal{M} 01'33	
	-4659 May 10 j 22:30	0° \mathcal{H}			-4657 Sep 30 j 10:29	0° $\underline{\Omega}$	
	-4659 Jun 06 j 05:06	0° \mathcal{Y}			-4657 Oct 24 j 18:13	0° \mathcal{M}	
	-4659 Jul 01 j 11:20	0° \mathcal{B}			-4657 Nov 18 j 10:06	0° \mathcal{A}	
asc. node	-4659 Jul 23 j 15:06	27° \mathcal{B} 01'10			-4657 Dec 13 j 18:09	0° Ξ	
	-4659 Jul 26 j 01:07	0° Π		asc. node	-4656 Jan 08 j 07:29	28° Ξ 36'35	
	-4659 Aug 19 j 03:36	0° Ξ			-4656 Jan 09 j 14:47	0° \approx	
greatest brilliancy	-4659 Aug 25 j 19:27	8° Ξ 21'39	-3.9m	evening max el	-4656 Jan 23 j 00:30	13° \approx 43'14	45°34'45
	-4659 Sep 11 j 23:35	0° Ω			-4656 Feb 10 j 06:16	0° \mathcal{H}	
morning set	-4659 Sep 29 j 02:02	21° Ω 36'33		greatest brilliancy	-4656 Mar 01 j 01:08	11° \mathcal{H} 56'35	-4.7m
	-4659 Oct 05 j 17:28	0° \mathcal{M}		retrograde	-4656 Mar 11 j 17:39	14° \mathcal{H} 00'41	
	-4659 Oct 29 j 12:35	0° $\underline{\Omega}$		evening set	-4656 Mar 28 j 05:47	8° \mathcal{H} 49'38	
				inferior conj	-4656 Apr 02 j 05:30	5° \mathcal{H} 45'57	5°36'06
superior conj	-4659 Nov 09 j 21:38	14° $\underline{\Omega}$ 17'22	0°06'09	minimum elong	-4656 Apr 02 j 14:24	5° \mathcal{H} 31'53	5°34'11
minimum elong	-4659 Nov 09 j 23:19	14° $\underline{\Omega}$ 22'38	0°06'00	min. Earth dist.	-4656 Apr 02 j 22:02	5° \mathcal{H} 19'50	0.29302 AU
behind sun begin	-4659 Nov 08 j 21:45	13° $\underline{\Omega}$ 02'26		morning rise	-4656 Apr 07 j 22:45	2° \mathcal{H} 15'59	
behind sun end	-4659 Nov 11 j 00:53	15° $\underline{\Omega}$ 42'49			-4656 Apr 12 j 08:39	30° $\mathcal{R}\approx$	
desc. node	-4659 Nov 12 j 12:43	17° $\underline{\Omega}$ 35'10		direct	-4656 Apr 24 j 01:59	27° \approx 19'19	
max. Earth dist.	-4659 Nov 15 j 01:54	20° $\underline{\Omega}$ 46'52	1.71354 AU	desc. node	-4656 Apr 29 j 07:19	27° \approx 49'43	
	-4659 Nov 22 j 10:39	0° \mathcal{M}		greatest brilliancy	-4656 May 04 j 17:06	29° \approx 20'11	-4.7m
	-4659 Dec 16 j 12:09	0° \mathcal{A}			-4656 May 06 j 10:16	0° \mathcal{H}	
evening rise	-4659 Dec 21 j 23:06	6° \mathcal{A} 46'44		morning max el	-4656 Jun 12 j 04:33	27° \mathcal{H} 27'31	46°01'54

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

	-4656 Jun 14 j 19:13	0°♄		asc. node	-4653 Feb 04 j 19:21	18°♊46'22	
	-4656 Jul 13 j 03:25	0°♅			-4653 Feb 14 j 12:00	0°♋	
	-4656 Aug 08 j 02:10	0°♆			-4653 Mar 13 j 11:56	0°♌	
asc. node	-4656 Aug 20 j 03:02	14°♆26'21		evening max el	-4653 Apr 03 j 20:54	21°♌39'49	45°07'49
	-4656 Sep 01 j 21:19	0°♇			-4653 Apr 13 j 00:37	0°♍	
	-4656 Sep 26 j 01:53	0°♈		greatest brilliancy	-4653 May 11 j 18:31	18°♍52'09	-4.7m
	-4656 Oct 20 j 00:19	0°♉		retrograde	-4653 May 22 j 04:58	20°♍48'09	
	-4656 Nov 12 j 22:17	0°♊		desc. node	-4653 May 27 j 18:33	20°♍11'48	
	-4656 Dec 06 j 22:42	0°♋		evening set	-4653 Jun 06 j 02:00	16°♍36'21	
desc. node	-4656 Dec 10 j 01:03	3°♋51'28		inferior conj	-4653 Jun 12 j 10:04	12°♍55'44	-3°35'24
morning set	-4656 Dec 15 j 12:29	10°♋40'20		minimum elong	-4653 Jun 12 j 02:34	13°♍07'08	3°33'13
	-4656 Dec 31 j 02:13	0°♌		min. Earth dist.	-4653 Jun 12 j 20:50	12°♍39'22	0.28137 AU
	-4655 Jan 24 j 08:21	0°♍		morning rise	-4653 Jun 18 j 02:29	9°♍34'42	
				direct	-4653 Jul 03 j 21:17	4°♍50'25	
superior conj	-4655 Jan 25 j 02:56	0°♎57'18	-1°19'49	greatest brilliancy	-4653 Jul 15 j 01:50	7°♎06'49	-4.8m
minimum elong	-4655 Jan 24 j 21:20	0°♎40'03	1°19'59		-4653 Aug 15 j 23:48	0°♏	
max. Earth dist.	-4655 Jan 27 j 20:42	4°♎20'12	1.73004 AU	morning max el	-4653 Aug 23 j 02:02	6°♏54'26	46°37'59
	-4655 Feb 17 j 16:38	0°♐			-4653 Sep 13 j 16:30	0°♑	
evening rise	-4655 Mar 04 j 01:00	17°♐37'45		asc. node	-4653 Sep 17 j 14:36	4°♑25'45	
greatest brilliancy	-4655 Mar 07 j 22:15	22°♐23'49	-3.9m		-4653 Oct 09 j 11:46	0°♒	
	-4655 Mar 14 j 03:04	0°♑			-4653 Nov 03 j 06:16	0°♓	
asc. node	-4655 Apr 01 j 17:56	22°♑46'19			-4653 Nov 27 j 16:20	0°♔	
	-4655 Apr 07 j 16:05	0°♒			-4653 Dec 22 j 01:19	0°♕	
	-4655 May 02 j 08:15	0°♓		desc. node	-4652 Jan 07 j 13:27	20°♕16'35	
	-4655 May 27 j 04:33	0°♔			-4652 Jan 15 j 11:41	0°♖	
	-4655 Jun 21 j 07:16	0°♕			-4652 Feb 08 j 23:21	0°♗	
	-4655 Jul 16 j 21:40	0°♖		morning set	-4652 Feb 27 j 15:23	22°♗51'25	
desc. node	-4655 Jul 22 j 15:24	6°♖35'55			-4652 Mar 04 j 11:20	0°♘	
	-4655 Aug 12 j 12:27	0°♗			-4652 Mar 28 j 22:47	0°♙	
evening max el	-4655 Aug 30 j 10:47	18°♗52'48	47°33'03	max. Earth dist.	-4652 Apr 02 j 19:43	5°♙58'44	1.73746 AU
	-4655 Sep 10 j 23:21	0°♘					
greatest brilliancy	-4655 Oct 10 j 13:21	20°♘29'39	-4.9m	superior conj	-4652 Apr 04 j 04:16	7°♙38'34	-0°53'54
retrograde	-4655 Oct 20 j 08:28	22°♘20'41		minimum elong	-4652 Apr 04 j 12:34	8°♙04'04	0°53'43
evening set	-4655 Nov 03 j 23:24	18°♘02'53			-4652 Apr 22 j 09:10	0°♚	
min. Earth dist.	-4655 Nov 09 j 10:19	14°♘48'19	0.26630 AU	asc. node	-4652 Apr 29 j 06:22	8°♚27'47	
inferior conj	-4655 Nov 10 j 00:25	14°♘26'26	-0°37'08	evening rise	-4652 May 09 j 23:02	21°♚37'29	
minimum elong	-4655 Nov 10 j 01:47	14°♘24'18	0°36'45		-4652 May 16 j 18:17	0°♛	
asc. node	-4655 Nov 12 j 10:42	12°♘56'36			-4652 Jun 10 j 02:23	0°♜	
morning rise	-4655 Nov 16 j 04:43	10°♘46'51			-4652 Jul 04 j 10:24	0°♝	
direct	-4655 Nov 30 j 06:30	6°♘46'28			-4652 Jul 28 j 20:08	0°♞	
greatest brilliancy	-4655 Dec 09 j 19:25	8°♘30'00	-4.9m	desc. node	-4652 Aug 19 j 03:33	26°♞01'29	
	-4654 Jan 10 j 00:51	0°♟			-4652 Aug 22 j 10:07	0°♞	
morning max el	-4654 Jan 18 j 21:08	8°♟22'50	46°17'56		-4652 Sep 16 j 08:22	0°♠	
	-4654 Feb 08 j 19:48	0°♠			-4652 Oct 11 j 23:13	0°♡	
desc. node	-4654 Mar 04 j 11:00	26°♠05'18			-4652 Nov 08 j 07:31	0°♢	
	-4654 Mar 07 j 22:01	0°♡		evening max el	-4652 Nov 09 j 20:16	1°♢34'20	47°05'09
	-4654 Apr 02 j 23:09	0°♢		asc. node	-4652 Dec 09 j 22:08	27°♢43'52	
	-4654 Apr 28 j 09:23	0°♣			-4652 Dec 13 j 16:08	0°♣	
	-4654 May 23 j 08:19	0°♄		greatest brilliancy	-4652 Dec 19 j 15:53	2°♣53'14	-4.8m
	-4654 Jun 16 j 21:32	0°♅		retrograde	-4652 Dec 30 j 16:08	5°♣11'14	
asc. node	-4654 Jun 25 j 05:06	10°♅15'49			-4651 Jan 15 j 17:18	30°♤♠	
	-4654 Jul 11 j 02:27	0°♆		evening set	-4651 Jan 16 j 14:22	29°♤28'26	
morning set	-4654 Jul 15 j 01:44	4°♆57'14		min. Earth dist.	-4651 Jan 20 j 01:06	27°♤18'36	0.28662 AU
	-4654 Aug 04 j 01:09	0°♇		inferior conj	-4651 Jan 20 j 20:25	26°♤47'40	7°46'32
max. Earth dist.	-4654 Aug 20 j 12:38	20°♇45'21	1.71082 AU	minimum elong	-4651 Jan 20 j 14:16	26°♤57'32	7°45'40
				morning rise	-4651 Jan 24 j 14:36	24°♤25'56	
superior conj	-4654 Aug 22 j 03:02	22°♇46'27	1°23'42	direct	-4651 Feb 11 j 01:28	18°♤33'29	
minimum elong	-4654 Aug 22 j 04:22	22°♇50'39	1°23'56	greatest brilliancy	-4651 Feb 19 j 22:05	20°♤00'56	-4.7m
	-4654 Aug 27 j 20:29	0°♈			-4651 Mar 10 j 06:35	0°♥	
	-4654 Sep 20 j 15:25	0°♉		desc. node	-4651 Mar 31 j 22:19	18°♥28'50	
evening rise	-4654 Oct 01 j 20:57	14°♉08'15		morning max el	-4651 Mar 31 j 20:45	18°♥25'06	45°50'42
	-4654 Oct 14 j 12:08	0°♊			-4651 Apr 12 j 14:22	0°♦	
desc. node	-4654 Oct 15 j 02:17	0°♊44'20			-4651 May 10 j 13:07	0°♧	
	-4654 Nov 07 j 11:57	0°♋			-4651 Jun 05 j 17:54	0°♨	
	-4654 Dec 01 j 15:52	0°♌			-4651 Jun 30 j 23:14	0°♩	
	-4654 Dec 26 j 01:48	0°♍		asc. node	-4651 Jul 22 j 17:19	26°♩32'41	
	-4653 Jan 19 j 21:56	0°♎			-4651 Jul 25 j 12:32	0°♪	

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

	-4651 Aug 18 j 14:48	0°☿				-4648 Jan 09 j 08:54	0°♊	
greatest brilliancy	-4651 Aug 27 j 05:47	10°☿50'01	-3.9m	evening max el	-4648 Jan 20 j 14:39	11°♊27'02	45°37'06	
	-4651 Sep 11 j 10:41	0°♌			-4648 Feb 10 j 18:00	0°♋		
morning set	-4651 Sep 26 j 13:14	19°♌05'19		greatest brilliancy	-4648 Feb 27 j 17:59	9°♋49'19	-4.7m	
	-4651 Oct 05 j 04:32	0°♍		retrograde	-4648 Mar 09 j 10:18	11°♋53'52		
	-4651 Oct 28 j 23:39	0°♎		evening set	-4648 Mar 26 j 01:02	6°♋38'37		
				inferior conj	-4648 Mar 30 j 22:26	3°♋38'20	5°49'25	
superior conj	-4651 Nov 07 j 06:25	11°♎39'34	0°10'07	minimum elong	-4648 Mar 31 j 07:20	3°♋24'15	5°47'34	
minimum elong	-4651 Nov 07 j 09:11	11°♎48'15	0°09'57	min. Earth dist.	-4648 Mar 31 j 14:41	3°♋12'39	0.29326 AU	
behind sun begin	-4651 Nov 06 j 11:19	10°♎39'38		morning rise	-4648 Apr 05 j 13:21	0°♋11'30		
behind sun end	-4651 Nov 08 j 07:03	12°♎56'51			-4648 Apr 05 j 21:25	30°♋		
desc. node	-4651 Nov 11 j 14:43	17°♎06'40		direct	-4648 Apr 21 j 18:14	25°♋11'13		
max. Earth dist.	-4651 Nov 12 j 12:39	18°♎15'22	1.71309 AU	desc. node	-4648 Apr 28 j 09:20	25°♋59'38		
	-4651 Nov 21 j 21:45	0°♏		greatest brilliancy	-4648 May 02 j 09:27	27°♋11'54	-4.7m	
	-4651 Dec 15 j 23:15	0°♐			-4648 May 08 j 16:02	0°♌		
evening rise	-4651 Dec 19 j 10:18	4°♐18'00		morning max el	-4648 Jun 09 j 20:13	25°♌15'44	46°00'56	
	-4650 Jan 09 j 04:20	0°♑			-4648 Jun 14 j 16:15	0°♍		
	-4650 Feb 02 j 13:53	0°♒			-4648 Jul 12 j 18:53	0°♎		
	-4650 Feb 27 j 05:51	0°♓			-4648 Aug 07 j 15:36	0°♏		
asc. node	-4650 Mar 04 j 07:36	6°♓07'00		asc. node	-4648 Aug 19 j 05:09	13°♏53'42		
	-4650 Mar 24 j 07:10	0°♑			-4648 Sep 01 j 09:47	0°☿		
	-4650 Apr 18 j 22:13	0°♒			-4648 Sep 25 j 13:51	0°♌		
	-4650 May 15 j 11:44	0°♏			-4648 Oct 19 j 11:59	0°♍		
	-4650 Jun 13 j 02:11	0°☿			-4648 Nov 12 j 09:45	0°♎		
evening max el	-4650 Jun 15 j 09:26	2°☿14'34	46°11'36		-4648 Dec 06 j 09:59	0°♏		
desc. node	-4650 Jun 24 j 06:03	10°☿30'30		desc. node	-4648 Dec 09 j 03:13	3°♏23'12		
	-4650 Jul 21 j 18:12	0°♌		morning set	-4648 Dec 12 j 23:19	8°♏09'49		
greatest brilliancy	-4650 Jul 25 j 20:39	1°♌34'21	-4.8m		-4648 Dec 30 j 13:21	0°♐		
retrograde	-4650 Aug 03 j 23:53	3°♌05'59						
	-4650 Aug 16 j 14:28	30°♌		superior conj	-4647 Jan 22 j 17:20	28°♐39'39	-1°18'46	
evening set	-4650 Aug 21 j 22:52	27°☿06'48		minimum elong	-4647 Jan 22 j 11:01	28°♐20'09	1°18'54	
inferior conj	-4650 Aug 24 j 17:53	25°☿26'16	-8°55'46		-4647 Jan 23 j 19:22	0°♑		
minimum elong	-4650 Aug 24 j 20:32	25°☿22'15	8°55'28	max. Earth dist.	-4647 Jan 25 j 12:32	2°♑07'01	1.72956 AU	
min. Earth dist.	-4650 Aug 25 j 01:34	25°☿14'39	0.26889 AU		-4647 Feb 17 j 03:37	0°♒		
morning rise	-4650 Aug 27 j 18:08	23°☿37'58		evening rise	-4647 Mar 01 j 18:01	15°♒28'53		
direct	-4650 Sep 14 j 08:24	17°☿46'04		greatest brilliancy	-4647 Mar 05 j 22:50	20°♒38'10	-3.9m	
greatest brilliancy	-4650 Sep 25 j 00:25	19°☿55'08	-4.9m		-4647 Mar 13 j 14:09	0°♓		
	-4650 Oct 11 j 18:56	0°♌		asc. node	-4647 Mar 31 j 19:54	22°♓18'08		
asc. node	-4650 Oct 15 j 01:39	2°♌37'10			-4647 Apr 07 j 03:23	0°♑		
morning max el	-4650 Nov 04 j 03:00	21°♌24'10	46°49'48		-4647 May 01 j 19:56	0°♒		
	-4650 Nov 12 j 07:47	0°♍			-4647 May 26 j 16:52	0°♏		
	-4650 Dec 09 j 03:22	0°♎			-4647 Jun 20 j 20:39	0°☿		
	-4649 Jan 03 j 18:52	0°♏			-4647 Jul 16 j 12:50	0°♌		
	-4649 Jan 29 j 00:47	0°♐		desc. node	-4647 Jul 21 j 17:35	5°♌57'20		
desc. node	-4649 Feb 04 j 01:26	7°♐12'06			-4647 Aug 12 j 07:17	0°♍		
	-4649 Feb 23 j 02:06	0°♑		evening max el	-4647 Aug 28 j 00:05	16°♍26'18	47°31'52	
	-4649 Mar 19 j 23:40	0°♒			-4647 Sep 11 j 06:03	0°♎		
	-4649 Apr 13 j 17:09	0°♓		greatest brilliancy	-4647 Oct 08 j 03:48	18°♎01'39	-4.9m	
morning set	-4649 May 05 j 22:00	27°♓07'44		retrograde	-4647 Oct 17 j 21:45	19°♎51'54		
	-4649 May 08 j 06:10	0°♑		evening set	-4647 Nov 01 j 13:31	15°♎32'37		
asc. node	-4649 May 27 j 18:51	24°♑02'30		min. Earth dist.	-4647 Nov 07 j 00:23	12°♎18'32	0.26590 AU	
	-4649 Jun 01 j 14:31	0°♒		inferior conj	-4647 Nov 07 j 13:19	11°♎58'30	-1°00'51	
max. Earth dist.	-4649 Jun 06 j 09:05	5°♒54'38	1.72813 AU	minimum elong	-4647 Nov 07 j 15:34	11°♎55'02	1°00'11	
				asc. node	-4647 Nov 11 j 12:52	9°♎33'33		
superior conj	-4649 Jun 10 j 19:14	11°♒23'39	0°32'08	morning rise	-4647 Nov 13 j 18:06	8°♎18'55		
minimum elong	-4649 Jun 10 j 13:16	11°♒05'07	0°32'00	direct	-4647 Nov 27 j 18:55	4°♎19'05		
	-4649 Jun 25 j 18:29	0°♏		greatest brilliancy	-4647 Dec 07 j 09:24	6°♎04'26	-4.9m	
evening rise	-4649 Jul 17 j 00:26	26°♏31'16			-4646 Jan 10 j 04:03	0°♏		
	-4649 Jul 19 j 19:13	0°☿		morning max el	-4646 Jan 16 j 11:36	6°♏03'21	46°19'23	
	-4649 Aug 12 j 18:40	0°♌			-4646 Feb 08 j 13:14	0°♐		
	-4649 Sep 05 j 19:03	0°♍		desc. node	-4646 Mar 03 j 13:06	25°♐30'04		
desc. node	-4649 Sep 16 j 15:50	13°♍31'40			-4646 Mar 07 j 12:17	0°♑		
	-4649 Sep 29 j 22:20	0°♎			-4646 Apr 02 j 11:56	0°♒		
	-4649 Oct 24 j 06:30	0°♏			-4646 Apr 27 j 21:23	0°♓		
	-4649 Nov 17 j 23:06	0°♐			-4646 May 22 j 19:51	0°♑		
	-4649 Dec 13 j 08:36	0°♑			-4646 Jun 16 j 08:49	0°♒		
asc. node	-4648 Jan 07 j 09:40	27°♑55'04		asc. node	-4646 Jun 24 j 07:18	9°♒47'52		

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

	-4646 Jul 10 j 13:37	0° Π		evening set	-4643 Jan 14 j 04:09	27° \mathcal{A} 17'56	
morning set	-4646 Jul 12 j 17:35	2° Π 42'04		min. Earth dist.	-4643 Jan 17 j 16:11	25° \mathcal{A} 06'02	0.28591 AU
	-4646 Aug 03 j 12:19	0° \mathfrak{S}		inferior conj	-4643 Jan 18 j 12:37	24° \mathcal{A} 33'17	7°39'44
max. Earth dist.	-4646 Aug 17 j 22:15	18° \mathfrak{S} 08'55	1.71121 AU	minimum elong	-4643 Jan 18 j 05:57	24° \mathcal{A} 43'57	7°38'44
				morning rise	-4643 Jan 22 j 08:15	22° \mathcal{A} 09'14	
superior conj	-4646 Aug 19 j 16:10	20° \mathfrak{S} 21'04	1°23'51	direct	-4643 Feb 08 j 17:12	16° \mathcal{A} 20'32	
minimum elong	-4646 Aug 19 j 16:36	20° \mathfrak{S} 22'26	1°24'05	greatest brilliancy	-4643 Feb 17 j 12:14	17° \mathcal{A} 46'45	-4.7m
	-4646 Aug 27 j 07:45	0° \mathcal{Q}			-4643 Mar 10 j 20:48	0° \mathfrak{Z}	
	-4646 Sep 20 j 02:47	0° \mathfrak{P}		morning max el	-4643 Mar 29 j 11:44	16° \mathfrak{Z} 12'21	45°51'04
evening rise	-4646 Sep 29 j 05:52	11° \mathfrak{P} 29'28		desc. node	-4643 Mar 31 j 00:19	17° \mathfrak{Z} 39'47	
	-4646 Oct 13 j 23:37	0° \mathfrak{L}			-4643 Apr 12 j 09:12	0° \approx	
desc. node	-4646 Oct 14 j 04:17	0° \mathfrak{L} 14'37			-4643 May 10 j 03:47	0° \mathcal{H}	
	-4646 Nov 06 j 23:33	0° \mathfrak{M}			-4643 Jun 05 j 06:52	0° \mathcal{Y}	
	-4646 Dec 01 j 03:37	0° \mathcal{A}			-4643 Jun 30 j 11:22	0° \mathcal{B}	
	-4646 Dec 25 j 13:51	0° \mathfrak{Z}		asc. node	-4643 Jul 21 j 19:24	26° \mathcal{B} 02'47	
	-4645 Jan 19 j 10:36	0° \approx			-4643 Jul 25 j 00:17	0° Π	
asc. node	-4645 Feb 03 j 21:30	18° \approx 13'44			-4643 Aug 18 j 02:21	0° \mathfrak{S}	
	-4645 Feb 14 j 02:00	0° \mathcal{H}		greatest brilliancy	-4643 Aug 28 j 08:45	12° \mathfrak{S} 54'10	-3.9m
	-4645 Mar 13 j 05:11	0° \mathcal{Y}			-4643 Sep 10 j 22:08	0° \mathcal{Q}	
evening max el	-4645 Apr 01 j 13:03	19° \mathcal{Y} 29'36	45°07'03	morning set	-4643 Sep 24 j 00:09	16° \mathcal{Q} 32'03	
	-4645 Apr 13 j 05:50	0° \mathcal{B}			-4643 Oct 04 j 15:56	0° \mathfrak{P}	
greatest brilliancy	-4645 May 09 j 08:09	16° \mathcal{B} 37'14	-4.7m		-4643 Oct 28 j 11:02	0° \mathfrak{L}	
retrograde	-4645 May 19 j 19:44	18° \mathcal{B} 33'37					
desc. node	-4645 May 26 j 20:50	17° \mathcal{B} 35'29		superior conj	-4643 Nov 04 j 15:02	9° \mathfrak{L} 00'19	0°14'06
evening set	-4645 Jun 03 j 15:38	14° \mathcal{B} 23'14		minimum elong	-4643 Nov 04 j 18:52	9° \mathfrak{L} 12'22	0°13'54
inferior conj	-4645 Jun 10 j 00:46	10° \mathcal{B} 40'34	-3°15'51	behind sun begin	-4643 Nov 04 j 04:17	8° \mathfrak{L} 26'37	
minimum elong	-4645 Jun 09 j 17:52	10° \mathcal{B} 51'06	3°13'48	behind sun end	-4643 Nov 05 j 09:27	9° \mathfrak{L} 58'08	
min. Earth dist.	-4645 Jun 10 j 11:44	10° \mathcal{B} 23'53	0.28182 AU	max. Earth dist.	-4643 Nov 09 j 21:08	15° \mathfrak{L} 35'54	1.71257 AU
morning rise	-4645 Jun 15 j 19:31	7° \mathcal{B} 16'07		desc. node	-4643 Nov 10 j 16:55	16° \mathfrak{L} 37'55	
direct	-4645 Jul 01 j 13:12	2° \mathcal{B} 34'32			-4643 Nov 21 j 09:06	0° \mathfrak{M}	
greatest brilliancy	-4645 Jul 12 j 16:33	4° \mathcal{B} 49'51	-4.8m		-4643 Dec 15 j 10:35	0° \mathcal{A}	
	-4645 Aug 16 j 01:03	0° Π		evening rise	-4643 Dec 16 j 21:17	1° \mathcal{A} 47'50	
morning max el	-4645 Aug 20 j 17:00	4° Π 35'06	46°36'47		-4642 Jan 08 j 15:42	0° \mathfrak{Z}	
	-4645 Sep 13 j 09:35	0° \mathfrak{S}			-4642 Feb 02 j 01:22	0° \approx	
asc. node	-4645 Sep 16 j 16:40	3° \mathfrak{S} 44'30			-4642 Feb 26 j 17:39	0° \mathcal{H}	
	-4645 Oct 09 j 02:13	0° \mathcal{Q}		asc. node	-4642 Mar 03 j 09:39	5° \mathcal{H} 37'22	
	-4645 Nov 02 j 19:29	0° \mathfrak{P}			-4642 Mar 23 j 19:39	0° \mathcal{Y}	
	-4645 Nov 27 j 04:50	0° \mathfrak{L}			-4642 Apr 18 j 11:59	0° \mathcal{B}	
	-4645 Dec 21 j 13:18	0° \mathfrak{M}			-4642 May 15 j 04:11	0° Π	
desc. node	-4644 Jan 06 j 15:33	19° \mathfrak{M} 46'58		evening max el	-4642 Jun 12 j 21:25	29° Π 49'26	46°08'12
	-4644 Jan 14 j 23:18	0° \mathcal{A}			-4642 Jun 13 j 01:48	0° \mathfrak{S}	
	-4644 Feb 08 j 10:40	0° \mathfrak{Z}		desc. node	-4642 Jun 23 j 08:10	9° \mathfrak{S} 29'35	
morning set	-4644 Feb 25 j 08:08	20° \mathfrak{Z} 41'38		greatest brilliancy	-4642 Jul 23 j 08:27	29° \mathfrak{S} 07'02	-4.8m
	-4644 Mar 03 j 22:26	0° \approx			-4642 Jul 26 j 15:00	0° \mathcal{Q}	
	-4644 Mar 28 j 09:46	0° \mathcal{H}		retrograde	-4642 Aug 01 j 11:05	0° \mathcal{Q} 38'26	
max. Earth dist.	-4644 Mar 31 j 19:32	4° \mathcal{H} 10'50	1.73748 AU		-4642 Aug 07 j 03:47	30° \mathcal{R} \mathfrak{S}	
				evening set	-4642 Aug 19 j 11:01	24° \mathfrak{S} 39'19	
superior conj	-4644 Apr 01 j 23:04	5° \mathcal{H} 35'17	-0°56'11	inferior conj	-4642 Aug 22 j 06:10	22° \mathfrak{S} 58'42	-8°57'36
minimum elong	-4644 Apr 02 j 07:29	6° \mathcal{H} 01'07	0°56'00	minimum elong	-4642 Aug 22 j 07:50	22° \mathfrak{S} 56'10	8°57'21
	-4644 Apr 21 j 20:09	0° \mathcal{Y}		min. Earth dist.	-4642 Aug 22 j 14:14	22° \mathfrak{S} 46'29	0.26933 AU
asc. node	-4644 Apr 28 j 08:30	8° \mathcal{Y} 00'27		morning rise	-4642 Aug 25 j 04:33	21° \mathfrak{S} 13'06	
evening rise	-4644 May 07 j 18:40	19° \mathcal{Y} 36'03		direct	-4642 Sep 11 j 20:44	15° \mathfrak{S} 17'33	
	-4644 May 16 j 05:25	0° \mathcal{B}		greatest brilliancy	-4642 Sep 22 j 14:35	17° \mathfrak{S} 27'44	-4.9m
	-4644 Jun 09 j 13:49	0° Π			-4642 Oct 12 j 10:41	0° \mathcal{Q}	
	-4644 Jul 03 j 22:14	0° \mathfrak{S}		asc. node	-4642 Oct 14 j 03:52	1° \mathcal{Q} 25'44	
	-4644 Jul 28 j 08:29	0° \mathcal{Q}		morning max el	-4642 Nov 01 j 15:06	18° \mathcal{Q} 52'44	46°50'22
desc. node	-4644 Aug 18 j 05:36	25° \mathcal{Q} 28'22			-4642 Nov 12 j 04:00	0° \mathfrak{P}	
	-4644 Aug 21 j 23:11	0° \mathfrak{P}			-4642 Dec 08 j 19:09	0° \mathfrak{L}	
	-4644 Sep 15 j 22:33	0° \mathfrak{L}			-4641 Jan 03 j 08:42	0° \mathfrak{M}	
	-4644 Oct 11 j 15:32	0° \mathfrak{M}			-4641 Jan 28 j 13:28	0° \mathcal{A}	
evening max el	-4644 Nov 07 j 12:31	29° \mathfrak{M} 17'03	47°07'48	desc. node	-4641 Feb 03 j 03:29	6° \mathcal{A} 40'51	
	-4644 Nov 08 j 05:22	0° \mathcal{A}			-4641 Feb 22 j 14:04	0° \mathfrak{Z}	
asc. node	-4644 Dec 09 j 00:23	26° \mathcal{A} 21'43			-4641 Mar 19 j 11:08	0° \approx	
	-4644 Dec 15 j 19:59	0° \mathfrak{Z}			-4641 Apr 13 j 04:19	0° \mathcal{H}	
greatest brilliancy	-4644 Dec 17 j 09:03	0° \mathfrak{Z} 38'53	-4.8m	morning set	-4641 May 03 j 17:12	25° \mathcal{H} 05'41	
retrograde	-4644 Dec 28 j 08:49	2° \mathfrak{Z} 56'11			-4641 May 07 j 17:10	0° \mathcal{Y}	
	-4643 Jan 09 j 06:13	30° \mathcal{R} \mathcal{A}		asc. node	-4641 May 26 j 21:06	23° \mathcal{Y} 35'40	

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

	-4641 Jun 01 j 01:28	0°♄		inferior conj	-4639 Nov 05 j 02:09	9°♁30'39	-1°24'38
max. Earth dist.	-4641 Jun 04 j 06:13	3°♄57'32	1.72870 AU	minimum elong	-4639 Nov 05 j 05:16	9°♁25'50	1°23'40
				asc. node	-4639 Nov 10 j 15:09	6°♁13'11	
superior conj	-4641 Jun 08 j 13:51	9°♄18'36	0°29'15	morning rise	-4639 Nov 11 j 07:15	5°♁51'22	
minimum elong	-4641 Jun 08 j 08:21	9°♄01'32	0°29'08	direct	-4639 Nov 25 j 07:51	1°♁51'52	
	-4641 Jun 25 j 05:30	0°♂		greatest brilliancy	-4639 Dec 04 j 23:00	3°♁38'21	-4.9m
evening rise	-4641 Jul 14 j 17:18	24°♂19'12			-4638 Jan 10 j 05:48	0°♂	
	-4641 Jul 19 j 06:24	0°♄		morning max el	-4638 Jan 14 j 02:35	3°♂45'00	46°20'41
	-4641 Aug 12 j 06:06	0°♂			-4638 Feb 08 j 06:18	0°♄	
	-4641 Sep 05 j 06:47	0°♂		desc. node	-4638 Mar 02 j 15:13	24°♄55'12	
desc. node	-4641 Sep 15 j 17:53	13°♂01'11			-4638 Mar 07 j 02:21	0°♄	
	-4641 Sep 29 j 10:25	0°♁			-4638 Apr 02 j 00:31	0°♁	
	-4641 Oct 23 j 19:02	0°♂			-4638 Apr 27 j 09:09	0°♄	
	-4641 Nov 17 j 12:23	0°♄			-4638 May 22 j 07:09	0°♄	
	-4641 Dec 12 j 23:22	0°♄			-4638 Jun 15 j 19:52	0°♄	
asc. node	-4640 Jan 06 j 11:47	27°♄12'29		asc. node	-4638 Jun 23 j 09:21	9°♄20'06	
	-4640 Jan 09 j 03:36	0°♁		morning set	-4638 Jul 10 j 09:53	0°♂29'02	
evening max el	-4640 Jan 18 j 05:19	9°♁11'51	45°39'48		-4638 Jul 10 j 00:34	0°♂	
	-4640 Feb 11 j 09:45	0°♄			-4638 Aug 02 j 23:17	0°♄	
greatest brilliancy	-4640 Feb 25 j 10:26	7°♄41'50	-4.7m	max. Earth dist.	-4638 Aug 15 j 05:55	15°♄27'13	1.71158 AU
retrograde	-4640 Mar 07 j 03:37	9°♄47'34					
evening set	-4640 Mar 23 j 20:29	4°♄27'55		superior conj	-4638 Aug 17 j 05:58	17°♄58'36	1°23'50
inferior conj	-4640 Mar 28 j 15:32	1°♄31'05	6°02'18	minimum elong	-4638 Aug 17 j 05:31	17°♄57'14	1°24'04
minimum elong	-4640 Mar 29 j 00:25	1°♄17'04	6°00'30		-4638 Aug 26 j 18:46	0°♂	
min. Earth dist.	-4640 Mar 29 j 07:12	1°♄06'20	0.29346 AU		-4638 Sep 19 j 13:53	0°♂	
	-4640 Mar 31 j 01:28	30°♄		evening rise	-4638 Sep 26 j 15:20	8°♂53'15	
morning rise	-4640 Apr 03 j 04:05	28°♄07'43		desc. node	-4638 Oct 13 j 06:31	29°♂46'30	
direct	-4640 Apr 19 j 10:50	23°♄03'31			-4638 Oct 13 j 10:50	0°♁	
desc. node	-4640 Apr 27 j 11:38	24°♄13'58			-4638 Nov 06 j 10:53	0°♂	
greatest brilliancy	-4640 Apr 30 j 01:40	25°♄03'57	-4.7m		-4638 Nov 30 j 15:09	0°♄	
	-4640 May 10 j 02:56	0°♄			-4638 Dec 25 j 01:45	0°♄	
morning max el	-4640 Jun 07 j 13:02	23°♄07'08	46°00'07		-4637 Jan 18 j 23:09	0°♁	
	-4640 Jun 14 j 12:30	0°♄		asc. node	-4637 Feb 02 j 23:34	17°♄41'11	
	-4640 Jul 12 j 10:04	0°♄			-4637 Feb 13 j 15:58	0°♄	
	-4640 Aug 07 j 04:52	0°♂			-4637 Mar 12 j 22:35	0°♄	
asc. node	-4640 Aug 18 j 07:16	13°♂21'22		evening max el	-4637 Mar 30 j 05:06	17°♄19'49	45°06'32
	-4640 Aug 31 j 22:09	0°♄			-4637 Apr 13 j 12:46	0°♄	
	-4640 Sep 25 j 01:45	0°♂		greatest brilliancy	-4637 May 06 j 22:38	14°♄24'33	-4.7m
	-4640 Oct 18 j 23:39	0°♂		retrograde	-4637 May 17 j 10:09	16°♄20'38	
	-4640 Nov 11 j 21:15	0°♁		desc. node	-4637 May 25 j 22:56	14°♄55'54	
	-4640 Dec 05 j 21:20	0°♂		evening set	-4637 Jun 01 j 05:42	12°♄11'29	
desc. node	-4640 Dec 08 j 05:23	2°♂54'37		inferior conj	-4637 Jun 07 j 15:44	8°♄27'08	-2°56'13
morning set	-4640 Dec 10 j 09:37	5°♂37'16		minimum elong	-4637 Jun 07 j 09:27	8°♄36'44	2°54'19
	-4640 Dec 30 j 00:31	0°♄		min. Earth dist.	-4637 Jun 08 j 03:11	8°♄09'38	0.28226 AU
				morning rise	-4637 Jun 13 j 12:36	4°♄59'15	
superior conj	-4639 Jan 20 j 07:12	26°♄20'07	-1°17'34	direct	-4637 Jun 29 j 05:01	0°♄20'22	
minimum elong	-4639 Jan 20 j 00:10	25°♄58'24	1°17'41	greatest brilliancy	-4637 Jul 10 j 07:41	2°♄34'42	-4.8m
max. Earth dist.	-4639 Jan 23 j 03:44	29°♄51'42	1.72903 AU		-4637 Aug 16 j 00:43	0°♂	
	-4639 Jan 23 j 06:25	0°♄		morning max el	-4637 Aug 18 j 07:19	2°♂15'18	46°35'34
	-4639 Feb 16 j 14:36	0°♁			-4637 Sep 13 j 02:00	0°♄	
evening rise	-4639 Feb 27 j 10:51	13°♁19'33		asc. node	-4637 Sep 15 j 18:51	3°♄04'58	
greatest brilliancy	-4639 Mar 04 j 04:17	19°♁07'30	-3.9m		-4637 Oct 08 j 16:11	0°♂	
	-4639 Mar 13 j 01:11	0°♄			-4637 Nov 02 j 08:15	0°♂	
asc. node	-4639 Mar 30 j 22:07	21°♄50'50			-4637 Nov 26 j 16:54	0°♁	
	-4639 Apr 06 j 14:37	0°♄			-4637 Dec 21 j 00:54	0°♂	
	-4639 May 01 j 07:33	0°♄		desc. node	-4636 Jan 05 j 17:34	19°♂18'12	
	-4639 May 26 j 05:09	0°♂			-4636 Jan 14 j 10:34	0°♄	
	-4639 Jun 20 j 09:58	0°♄			-4636 Feb 07 j 21:42	0°♄	
	-4639 Jul 16 j 04:01	0°♂		morning set	-4636 Feb 23 j 00:36	18°♄31'43	
desc. node	-4639 Jul 20 j 19:41	5°♂18'43			-4636 Mar 03 j 09:16	0°♁	
	-4639 Aug 12 j 02:20	0°♂			-4636 Mar 27 j 20:29	0°♄	
evening max el	-4639 Aug 25 j 14:15	14°♂02'53	47°30'29	max. Earth dist.	-4636 Mar 29 j 17:22	2°♄17'41	1.73745 AU
	-4639 Sep 11 j 14:51	0°♁					
greatest brilliancy	-4639 Oct 05 j 17:39	15°♁33'32	-4.9m	superior conj	-4636 Mar 30 j 17:37	3°♄32'05	-0°58'25
retrograde	-4639 Oct 15 j 11:28	17°♁23'22		minimum elong	-4636 Mar 31 j 02:06	3°♄58'05	0°58'14
evening set	-4639 Oct 30 j 03:49	13°♁02'24			-4636 Apr 21 j 06:51	0°♄	
min. Earth dist.	-4639 Nov 04 j 14:08	9°♁49'13	0.26559 AU	asc. node	-4636 Apr 27 j 10:42	7°♄34'14	

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

evening rise	-4636 May 05 j 14:05	17° Υ 34'56		morning max el	-4634 Oct 30 j 04:21	16° Ω 25'25	46°50'47
	-4636 May 15 j 16:15	0° \mathcal{B}			-4634 Nov 11 j 23:15	0° \mathcal{M}	
	-4636 Jun 09 j 00:55	0° Π			-4634 Dec 08 j 10:24	0° $\underline{\mathcal{A}}$	
	-4636 Jul 03 j 09:45	0° \mathcal{E}			-4633 Jan 02 j 22:05	0° \mathcal{M}	
	-4636 Jul 27 j 20:32	0° Ω			-4633 Jan 28 j 01:47	0° \mathcal{A}	
desc. node	-4636 Aug 17 j 07:41	24° Ω 56'19		desc. node	-4633 Feb 02 j 05:38	6° \mathcal{A} 10'54	
	-4636 Aug 21 j 11:59	0° \mathcal{M}			-4633 Feb 22 j 01:40	0° \mathcal{B}	
	-4636 Sep 15 j 12:31	0° $\underline{\mathcal{A}}$			-4633 Mar 18 j 22:16	0° \approx	
	-4636 Oct 11 j 07:42	0° \mathcal{M}			-4633 Apr 12 j 15:11	0° \mathcal{H}	
evening max el	-4636 Nov 05 j 03:57	26° \mathcal{M} 58'46	47°10'22	morning set	-4633 May 01 j 12:22	23° \mathcal{H} 04'19	
	-4636 Nov 08 j 03:31	0° \mathcal{A}			-4633 May 07 j 03:55	0° Υ	
asc. node	-4636 Dec 08 j 02:26	24° \mathcal{A} 57'51		asc. node	-4633 May 25 j 23:07	23° Υ 08'45	
greatest brilliancy	-4636 Dec 15 j 02:40	28° \mathcal{A} 26'13	-4.9m		-4633 May 31 j 12:12	0° \mathcal{B}	
	-4636 Dec 20 j 01:33	0° \mathcal{B}		max. Earth dist.	-4633 Jun 02 j 03:37	2° \mathcal{B} 01'56	1.72926 AU
retrograde	-4636 Dec 26 j 01:06	0° \mathcal{B} 42'22					
	-4636 Dec 31 j 20:38	30° \mathcal{R} \mathcal{A}		superior conj	-4633 Jun 06 j 08:22	7° \mathcal{B} 13'51	0°26'19
evening set	-4635 Jan 11 j 17:52	25° \mathcal{A} 08'50		minimum elong	-4633 Jun 06 j 03:21	6° \mathcal{B} 58'20	0°26'13
min. Earth dist.	-4635 Jan 15 j 07:43	22° \mathcal{A} 54'10	0.28521 AU		-4633 Jun 24 j 16:19	0° Π	
inferior conj	-4635 Jan 16 j 04:52	22° \mathcal{A} 20'12	7°32'08	evening rise	-4633 Jul 12 j 10:09	22° Π 07'46	
minimum elong	-4635 Jan 15 j 21:45	22° \mathcal{A} 31'39	7°31'00		-4633 Jul 18 j 17:22	0° \mathcal{E}	
morning rise	-4635 Jan 20 j 02:07	19° \mathcal{A} 53'34			-4633 Aug 11 j 17:17	0° Ω	
direct	-4635 Feb 06 j 08:30	14° \mathcal{A} 08'45			-4633 Sep 04 j 18:16	0° \mathcal{M}	
greatest brilliancy	-4635 Feb 15 j 03:05	15° \mathcal{A} 34'19	-4.8m	desc. node	-4633 Sep 14 j 20:06	12° \mathcal{M} 31'58	
	-4635 Mar 11 j 06:56	0° \mathcal{B}			-4633 Sep 28 j 22:17	0° $\underline{\mathcal{A}}$	
morning max el	-4635 Mar 27 j 02:16	13° \mathcal{B} 59'15	45°51'24		-4633 Oct 23 j 07:24	0° \mathcal{M}	
desc. node	-4635 Mar 30 j 02:36	16° \mathcal{B} 53'07			-4633 Nov 17 j 01:31	0° \mathcal{A}	
	-4635 Apr 12 j 03:13	0° \approx			-4633 Dec 12 j 14:07	0° \mathcal{B}	
	-4635 May 09 j 17:59	0° \mathcal{H}		asc. node	-4632 Jan 05 j 13:58	26° \mathcal{B} 30'06	
	-4635 Jun 04 j 19:27	0° Υ			-4632 Jan 08 j 22:34	0° \approx	
	-4635 Jun 29 j 23:09	0° \mathcal{B}		evening max el	-4632 Jan 15 j 20:57	6° \approx 59'36	45°42'34
asc. node	-4635 Jul 20 j 21:31	25° \mathcal{B} 34'08			-4632 Feb 12 j 06:41	0° \mathcal{H}	
	-4635 Jul 24 j 11:39	0° Π		greatest brilliancy	-4632 Feb 23 j 02:28	5° \mathcal{H} 34'29	-4.7m
	-4635 Aug 17 j 13:31	0° \mathcal{E}		retrograde	-4632 Mar 04 j 21:14	7° \mathcal{H} 41'43	
greatest brilliancy	-4635 Aug 28 j 20:01	14° \mathcal{E} 10'12	-3.9m	evening set	-4632 Mar 21 j 15:54	2° \mathcal{H} 17'48	
	-4635 Sep 10 j 09:14	0° Ω			-4632 Mar 25 j 09:56	30° \mathcal{R} \approx	
morning set	-4635 Sep 21 j 11:10	14° Ω 00'10		inferior conj	-4632 Mar 26 j 08:35	29° \approx 24'18	6°14'36
	-4635 Oct 04 j 03:00	0° \mathcal{M}		minimum elong	-4632 Mar 26 j 17:24	29° \approx 10'22	6°12'53
	-4635 Oct 27 j 22:05	0° $\underline{\mathcal{A}}$		min. Earth dist.	-4632 Mar 26 j 23:17	29° \approx 01'04	0.29364 AU
				morning rise	-4632 Mar 31 j 18:42	26° \approx 04'33	
superior conj	-4635 Nov 01 j 23:45	6° $\underline{\mathcal{A}}$ 22'23	0°18'03	direct	-4632 Apr 17 j 03:50	20° \approx 56'26	
minimum elong	-4635 Nov 02 j 04:38	6° $\underline{\mathcal{A}}$ 37'42	0°17'48	desc. node	-4632 Apr 26 j 13:43	22° \approx 32'22	
max. Earth dist.	-4635 Nov 07 j 01:40	12° $\underline{\mathcal{A}}$ 44'59	1.71206 AU	greatest brilliancy	-4632 Apr 27 j 17:09	22° \approx 55'54	-4.7m
desc. node	-4635 Nov 09 j 19:00	16° $\underline{\mathcal{A}}$ 09'52			-4632 May 11 j 03:24	0° \mathcal{H}	
	-4635 Nov 20 j 20:08	0° \mathcal{M}		morning max el	-4632 Jun 05 j 06:30	21° \mathcal{H} 00'45	45°59'09
evening rise	-4635 Dec 14 j 08:15	29° \mathcal{M} 18'32			-4632 Jun 14 j 08:00	0° Υ	
	-4635 Dec 14 j 21:35	0° \mathcal{A}			-4632 Jul 12 j 00:56	0° \mathcal{B}	
	-4634 Jan 08 j 02:42	0° \mathcal{B}			-4632 Aug 06 j 17:58	0° Π	
	-4634 Feb 01 j 12:30	0° \approx		asc. node	-4632 Aug 17 j 09:28	12° Π 49'37	
	-4634 Feb 26 j 05:09	0° \mathcal{H}			-4632 Aug 31 j 10:23	0° \mathcal{E}	
asc. node	-4634 Mar 02 j 11:52	5° \mathcal{H} 09'09			-4632 Sep 24 j 13:32	0° Ω	
	-4634 Mar 23 j 07:53	0° Υ			-4632 Oct 18 j 11:11	0° \mathcal{M}	
	-4634 Apr 18 j 01:36	0° \mathcal{B}			-4632 Nov 11 j 08:35	0° $\underline{\mathcal{A}}$	
	-4634 May 14 j 20:38	0° Π			-4632 Dec 05 j 08:31	0° \mathcal{M}	
evening max el	-4634 Jun 10 j 09:30	27° Π 25'41	46°05'04	desc. node	-4632 Dec 07 j 07:20	2° \mathcal{M} 25'54	
	-4634 Jun 13 j 02:08	0° \mathcal{E}		morning set	-4632 Dec 07 j 19:48	3° \mathcal{M} 04'43	
desc. node	-4634 Jun 22 j 10:15	8° \mathcal{E} 28'07			-4632 Dec 29 j 11:35	0° \mathcal{A}	
greatest brilliancy	-4634 Jul 20 j 19:59	26° \mathcal{E} 40'59	-4.8m				
retrograde	-4634 Jul 29 j 22:55	28° \mathcal{E} 12'53		superior conj	-4631 Jan 17 j 20:49	24° \mathcal{A} 00'01	-1°16'13
evening set	-4634 Aug 16 j 22:48	22° \mathcal{E} 14'15		minimum elong	-4631 Jan 17 j 13:07	23° \mathcal{A} 36'14	1°16'18
inferior conj	-4634 Aug 19 j 18:39	20° \mathcal{E} 32'51	-8°58'21	max. Earth dist.	-4631 Jan 20 j 19:26	27° \mathcal{A} 38'09	1.72853 AU
minimum elong	-4634 Aug 19 j 19:21	20° \mathcal{E} 31'48	8°58'07		-4631 Jan 22 j 17:22	0° \mathcal{B}	
min. Earth dist.	-4634 Aug 20 j 02:54	20° \mathcal{E} 20'22	0.26976 AU		-4631 Feb 16 j 01:31	0° \approx	
morning rise	-4634 Aug 22 j 15:45	18° \mathcal{E} 49'15		evening rise	-4631 Feb 25 j 03:37	11° \approx 10'12	
direct	-4634 Sep 09 j 09:20	12° \mathcal{E} 50'40		greatest brilliancy	-4631 Mar 02 j 18:26	18° \approx 03'51	-3.9m
greatest brilliancy	-4634 Sep 20 j 04:51	15° \mathcal{E} 02'12	-4.9m		-4631 Mar 12 j 12:08	0° \mathcal{H}	
	-4634 Oct 12 j 21:57	0° Ω		asc. node	-4631 Mar 30 j 00:19	21° \mathcal{H} 23'50	
asc. node	-4634 Oct 13 j 06:09	0° Ω 17'42			-4631 Apr 06 j 01:46	0° Υ	

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

	-4631 Apr 30 j 19:06	0°♄					-4629 Oct 08 j 06:17	0°♌			
	-4631 May 25 j 17:24	0°♊					-4629 Nov 01 j 21:15	0°♐			
	-4631 Jun 19 j 23:24	0°♎					-4629 Nov 26 j 05:14	0°♑			
	-4631 Jul 15 j 19:26	0°♍					-4629 Dec 20 j 12:48	0°♒			
desc. node	-4631 Jul 19 j 21:47	4°♌39'38				desc. node	-4628 Jan 04 j 19:46	18°♒49'06			
	-4631 Aug 11 j 22:00	0°♐					-4628 Jan 13 j 22:07	0°♑			
evening max el	-4631 Aug 23 j 05:18	11°♐41'28	47°28'59				-4628 Feb 07 j 08:58	0°♒			
	-4631 Sep 12 j 02:48	0°♑				morning set	-4628 Feb 20 j 16:44	16°♒20'01			
greatest brilliancy	-4631 Oct 03 j 07:20	13°♑04'52	-4.9m				-4628 Mar 02 j 20:20	0°♑			
retrograde	-4631 Oct 13 j 01:02	14°♑53'59					-4628 Mar 27 j 07:27	0°♐			
evening set	-4631 Oct 27 j 18:12	10°♑31'28				max. Earth dist.	-4628 Mar 27 j 13:48	0°♐19'28	1.73741 AU		
min. Earth dist.	-4631 Nov 02 j 03:37	7°♑19'24	0.26525 AU								
inferior conj	-4631 Nov 02 j 14:49	7°♑02'09	-1°48'22			superior conj	-4628 Mar 28 j 12:07	1°♐27'56	-1°00'33		
minimum elong	-4631 Nov 02 j 18:48	6°♑56'01	1°47'07			minimum elong	-4628 Mar 28 j 20:37	1°♐54'00	1°00'24		
morning rise	-4631 Nov 08 j 19:58	3°♑23'20					-4628 Apr 20 j 17:51	0°♐			
asc. node	-4631 Nov 09 j 17:11	2°♑55'45				asc. node	-4628 Apr 26 j 12:44	7°♐06'38			
	-4631 Nov 17 j 12:45	30°♐				evening rise	-4628 May 03 j 09:33	15°♐33'10			
direct	-4631 Nov 22 j 20:53	29°♐24'15					-4628 May 15 j 03:24	0°♐			
	-4631 Nov 28 j 08:17	0°♑					-4628 Jun 08 j 12:19	0°♊			
greatest brilliancy	-4631 Dec 02 j 12:05	1°♑11'12	-4.9m				-4628 Jul 02 j 21:31	0°♎			
	-4630 Jan 10 j 06:17	0°♒					-4628 Jul 27 j 08:50	0°♍			
morning max el	-4630 Jan 11 j 17:06	1°♒25'17	46°21'53			desc. node	-4628 Aug 16 j 09:55	24°♍23'51			
	-4630 Feb 07 j 23:02	0°♑					-4628 Aug 21 j 01:05	0°♐			
desc. node	-4630 Mar 01 j 17:23	24°♑20'40					-4628 Sep 15 j 02:54	0°♑			
	-4630 Mar 06 j 16:18	0°♒					-4628 Oct 11 j 00:32	0°♒			
	-4630 Apr 01 j 13:06	0°♑				evening max el	-4628 Nov 02 j 18:37	24°♒37'02	47°12'46		
	-4630 Apr 26 j 20:55	0°♐					-4628 Nov 08 j 03:11	0°♑			
	-4630 May 21 j 18:28	0°♐				asc. node	-4628 Dec 07 j 04:38	23°♑29'32			
	-4630 Jun 15 j 06:56	0°♄				greatest brilliancy	-4628 Dec 12 j 20:15	26°♑11'22	-4.9m		
asc. node	-4630 Jun 22 j 11:30	8°♄52'35				retrograde	-4628 Dec 23 j 17:02	28°♑26'24			
morning set	-4630 Jul 08 j 02:18	28°♄16'20				evening set	-4627 Jan 09 j 07:12	22°♑57'36			
	-4630 Jul 09 j 11:34	0°♊				min. Earth dist.	-4627 Jan 12 j 23:18	20°♑39'44	0.28449 AU		
	-4630 Aug 02 j 10:20	0°♎				inferior conj	-4627 Jan 13 j 20:54	20°♑05'03	7°23'41		
max. Earth dist.	-4630 Aug 12 j 11:07	12°♎37'31	1.71204 AU			minimum elong	-4627 Jan 13 j 13:20	20°♑17'14	7°22'26		
						morning rise	-4627 Jan 17 j 19:55	17°♑35'37			
superior conj	-4630 Aug 14 j 19:49	15°♎36'05	1°23'40			direct	-4627 Feb 03 j 23:06	11°♑54'43			
minimum elong	-4630 Aug 14 j 18:31	15°♎31'58	1°23'54			greatest brilliancy	-4627 Feb 12 j 18:14	13°♑20'26	-4.8m		
	-4630 Aug 26 j 05:56	0°♍					-4627 Mar 11 j 14:57	0°♒			
	-4630 Sep 19 j 01:10	0°♐				morning max el	-4627 Mar 24 j 16:36	11°♒44'22	45°51'53		
evening rise	-4630 Sep 24 j 00:31	6°♐15'34				desc. node	-4627 Mar 29 j 04:43	16°♒05'38			
desc. node	-4630 Oct 12 j 08:34	29°♐17'12					-4627 Apr 11 j 21:14	0°♑			
	-4630 Oct 12 j 22:13	0°♑					-4627 May 09 j 08:24	0°♐			
	-4630 Nov 05 j 22:25	0°♒					-4627 Jun 04 j 08:18	0°♐			
	-4630 Nov 30 j 02:53	0°♑					-4627 Jun 29 j 11:14	0°♄			
	-4630 Dec 24 j 13:50	0°♒				asc. node	-4627 Jul 19 j 23:44	25°♄04'50			
	-4629 Jan 18 j 11:56	0°♑					-4627 Jul 23 j 23:19	0°♊			
asc. node	-4629 Feb 02 j 01:49	17°♑08'28					-4627 Aug 17 j 00:58	0°♎			
	-4629 Feb 13 j 06:15	0°♐				greatest brilliancy	-4627 Aug 29 j 01:06	15°♎05'56	-3.9m		
	-4629 Mar 12 j 16:35	0°♐					-4627 Sep 09 j 20:34	0°♍			
evening max el	-4629 Mar 27 j 20:35	15°♐08'11	45°06'04			morning set	-4627 Sep 18 j 22:38	11°♍28'49			
	-4629 Apr 13 j 22:34	0°♄					-4627 Oct 03 j 14:20	0°♐			
greatest brilliancy	-4629 May 04 j 13:35	12°♄12'09	-4.7m				-4627 Oct 27 j 09:25	0°♑			
retrograde	-4629 May 15 j 00:18	14°♄07'46									
desc. node	-4629 May 25 j 00:59	12°♄11'32				superior conj	-4627 Oct 30 j 08:36	3°♑43'44	0°21'56		
evening set	-4629 May 29 j 20:03	9°♄59'24				minimum elong	-4627 Oct 30 j 14:28	4°♑02'11	0°21'40		
inferior conj	-4629 Jun 05 j 06:49	6°♄13'52	-2°36'21			max. Earth dist.	-4627 Nov 04 j 04:26	9°♑47'29	1.71166 AU		
minimum elong	-4629 Jun 05 j 01:12	6°♄22'29	2°34'39			desc. node	-4627 Nov 08 j 21:02	15°♑40'40			
min. Earth dist.	-4629 Jun 05 j 19:04	5°♄55'07	0.28268 AU				-4627 Nov 20 j 07:29	0°♒			
morning rise	-4629 Jun 11 j 05:39	2°♄42'42				evening rise	-4627 Dec 11 j 18:53	26°♒47'02			
	-4629 Jun 17 j 00:01	30°♐					-4627 Dec 14 j 08:57	0°♑			
direct	-4629 Jun 26 j 20:26	28°♐06'15					-4626 Jan 07 j 14:06	0°♒			
	-4629 Jul 07 j 01:34	0°♄					-4626 Feb 01 j 00:03	0°♑			
greatest brilliancy	-4629 Jul 07 j 23:25	0°♄20'14	-4.8m				-4626 Feb 25 j 17:05	0°♐			
	-4629 Aug 15 j 23:33	0°♊				asc. node	-4626 Mar 01 j 14:01	4°♐39'33			
morning max el	-4629 Aug 15 j 20:52	29°♄53'18	46°34'18				-4626 Mar 22 j 20:34	0°♐			
	-4629 Sep 12 j 18:20	0°♎					-4626 Apr 17 j 15:44	0°♄			
asc. node	-4629 Sep 14 j 21:05	2°♎25'24					-4626 May 14 j 13:48	0°♊			




























































































































Planetary Phenomena of Venus from -4900 through -4398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 56

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

evening max el	-4626 Jun 07 j 22:18	25° Π 02'48	46°02'02	morning set	-4624 Dec 05 j 06:23	0° \mathbb{M} 32'48	
	-4626 Jun 13 j 04:10	0° \mathfrak{D}		desc. node	-4624 Dec 06 j 09:33	1° \mathbb{M} 57'30	
desc. node	-4626 Jun 21 j 12:29	7° \mathfrak{D} 24'16			-4624 Dec 28 j 22:46	0° \mathfrak{A}	
greatest brilliancy	-4626 Jul 18 j 06:56	24° \mathfrak{D} 13'30	-4.8m				
retrograde	-4626 Jul 27 j 11:18	25° \mathfrak{D} 46'37		superior conj	-4623 Jan 15 j 10:33	21° \mathfrak{A} 39'43	-1°14'45
evening set	-4626 Aug 14 j 10:01	19° \mathfrak{D} 49'11		minimum elong	-4623 Jan 15 j 02:15	21° \mathfrak{A} 14'03	1°14'48
inferior conj	-4626 Aug 17 j 07:06	18° \mathfrak{D} 06'11	-8°57'58	max. Earth dist.	-4623 Jan 18 j 13:43	25° \mathfrak{A} 32'03	1.72803 AU
minimum elong	-4626 Aug 17 j 06:50	18° \mathfrak{D} 06'36	8°57'46		-4623 Jan 22 j 04:28	0° \mathfrak{Z}	
min. Earth dist.	-4626 Aug 17 j 15:14	17° \mathfrak{D} 53'56	0.27017 AU		-4623 Feb 15 j 12:35	0° \approx	
morning rise	-4626 Aug 20 j 03:31	16° \mathfrak{D} 23'49		evening rise	-4623 Feb 22 j 20:25	9° \approx 00'26	
direct	-4626 Sep 06 j 22:32	10° \mathfrak{D} 23'06		greatest brilliancy	-4623 Mar 01 j 14:23	17° \approx 17'27	-3.9m
greatest brilliancy	-4626 Sep 17 j 18:39	12° \mathfrak{D} 35'33	-4.9m		-4623 Mar 11 j 23:17	0° \mathfrak{H}	
asc. node	-4626 Oct 12 j 08:09	29° \mathfrak{D} 10'09		asc. node	-4623 Mar 29 j 02:19	20° \mathfrak{H} 55'35	
	-4626 Oct 13 j 06:34	0° Ω			-4623 Apr 05 j 13:07	0° \mathfrak{Y}	
morning max el	-4626 Oct 27 j 18:23	13° Ω 59'32	46°51'12		-4623 Apr 30 j 06:53	0° \mathfrak{B}	
	-4626 Nov 11 j 18:14	0° \mathfrak{M}			-4623 May 25 j 05:54	0° Π	
	-4626 Dec 08 j 01:42	0° $\underline{\mathfrak{A}}$			-4623 Jun 19 j 13:06	0° \mathfrak{D}	
	-4625 Jan 02 j 11:42	0° \mathbb{M}			-4623 Jul 15 j 11:15	0° Ω	
	-4625 Jan 27 j 14:23	0° \mathfrak{A}		desc. node	-4623 Jul 18 j 23:58	3° Ω 59'53	
desc. node	-4625 Feb 01 j 07:47	5° \mathfrak{A} 39'59			-4623 Aug 11 j 18:28	0° \mathfrak{M}	
	-4625 Feb 21 j 13:37	0° \mathfrak{Z}		evening max el	-4623 Aug 20 j 20:18	9° \mathfrak{M} 19'25	47°27'11
	-4625 Mar 18 j 09:46	0° \approx			-4623 Sep 12 j 18:57	0° $\underline{\mathfrak{A}}$	
	-4625 Apr 12 j 02:24	0° \mathfrak{H}		greatest brilliancy	-4623 Sep 30 j 21:21	10° $\underline{\mathfrak{A}}$ 35'59	-4.9m
morning set	-4625 Apr 29 j 07:23	21° \mathfrak{H} 01'32		retrograde	-4623 Oct 10 j 14:09	12° $\underline{\mathfrak{A}}$ 23'39	
	-4625 May 06 j 14:59	0° \mathfrak{Y}		evening set	-4623 Oct 25 j 08:43	7° $\underline{\mathfrak{A}}$ 59'41	
asc. node	-4625 May 25 j 01:15	22° \mathfrak{Y} 41'19		min. Earth dist.	-4623 Oct 30 j 17:20	4° $\underline{\mathfrak{A}}$ 48'29	0.26493 AU
	-4625 May 30 j 23:15	0° \mathfrak{B}		inferior conj	-4623 Oct 31 j 03:24	4° $\underline{\mathfrak{A}}$ 32'57	-2°11'58
max. Earth dist.	-4625 May 31 j 01:22	0° \mathfrak{B} 06'32	1.72979 AU	minimum elong	-4623 Oct 31 j 08:12	4° $\underline{\mathfrak{A}}$ 25'32	2°10'28
				morning rise	-4623 Nov 06 j 08:17	0° $\underline{\mathfrak{A}}$ 54'40	
superior conj	-4625 Jun 04 j 02:46	5° \mathfrak{B} 07'59	0°23'21		-4623 Nov 08 j 03:30	30° \mathfrak{R} \mathfrak{M}	
minimum elong	-4625 Jun 03 j 22:17	4° \mathfrak{B} 54'06	0°23'16	asc. node	-4623 Nov 08 j 19:25	29° \mathfrak{M} 41'19	
	-4625 Jun 24 j 03:26	0° Π		direct	-4623 Nov 20 j 09:42	26° \mathfrak{M} 56'00	
evening rise	-4625 Jul 10 j 03:07	19° Π 55'50		greatest brilliancy	-4623 Nov 30 j 01:23	28° \mathfrak{M} 43'29	-4.9m
	-4625 Jul 18 j 04:40	0° \mathfrak{D}			-4623 Dec 03 j 05:10	0° $\underline{\mathfrak{A}}$	
	-4625 Aug 11 j 04:50	0° Ω		morning max el	-4622 Jan 09 j 06:45	29° $\underline{\mathfrak{A}}$ 03'02	46°23'16
	-4625 Sep 04 j 06:06	0° \mathfrak{M}			-4622 Jan 10 j 05:46	0° \mathbb{M}	
desc. node	-4625 Sep 13 j 22:09	12° \mathfrak{M} 01'16			-4622 Feb 07 j 15:30	0° \mathfrak{A}	
	-4625 Sep 28 j 10:27	0° $\underline{\mathfrak{A}}$		desc. node	-4622 Feb 28 j 19:30	23° \mathfrak{A} 46'08	
	-4625 Oct 22 j 20:01	0° \mathbb{M}			-4622 Mar 06 j 06:09	0° \mathfrak{Z}	
	-4625 Nov 16 j 14:58	0° \mathfrak{A}			-4622 Apr 01 j 01:38	0° \approx	
	-4625 Dec 12 j 05:16	0° \mathfrak{Z}			-4622 Apr 26 j 08:44	0° \mathfrak{H}	
asc. node	-4624 Jan 04 j 16:10	25° \mathfrak{Z} 46'24			-4622 May 21 j 05:50	0° \mathfrak{Y}	
	-4624 Jan 08 j 18:24	0° \approx			-4622 Jun 14 j 18:05	0° \mathfrak{B}	
evening max el	-4624 Jan 13 j 13:25	4° \approx 48'26	45°45'13	asc. node	-4622 Jun 21 j 13:43	8° \mathfrak{B} 25'06	
	-4624 Feb 13 j 12:30	0° \mathfrak{H}		morning set	-4622 Jul 05 j 18:45	26° \mathfrak{B} 03'34	
greatest brilliancy	-4624 Feb 20 j 18:43	3° \mathfrak{H} 26'21	-4.7m		-4622 Jul 08 j 22:38	0° Π	
retrograde	-4624 Mar 02 j 14:49	5° \mathfrak{H} 34'38			-4622 Aug 01 j 21:25	0° \mathfrak{D}	
evening set	-4624 Mar 19 j 11:20	0° \mathfrak{H} 06'45		max. Earth dist.	-4622 Aug 09 j 17:06	9° \mathfrak{D} 50'20	1.71254 AU
	-4624 Mar 19 j 15:54	30° \mathfrak{R} \approx					
inferior conj	-4624 Mar 24 j 01:38	27° \approx 16'24	6°26'21	superior conj	-4622 Aug 12 j 09:50	13° \mathfrak{D} 14'06	1°23'21
minimum elong	-4624 Mar 24 j 10:20	27° \approx 02'40	6°24'44	minimum elong	-4622 Aug 12 j 07:42	13° \mathfrak{D} 07'21	1°23'35
min. Earth dist.	-4624 Mar 24 j 15:11	26° \approx 55'00	0.29379 AU		-4622 Aug 25 j 17:07	0° Ω	
morning rise	-4624 Mar 29 j 09:14	24° \approx 00'21			-4622 Sep 18 j 12:29	0° \mathfrak{M}	
direct	-4624 Apr 14 j 21:12	18° \approx 48'29		evening rise	-4622 Sep 21 j 09:56	3° \mathfrak{M} 38'31	
greatest brilliancy	-4624 Apr 25 j 08:10	20° \approx 46'19	-4.7m	desc. node	-4622 Oct 11 j 10:36	28° \mathfrak{M} 47'46	
desc. node	-4624 Apr 25 j 15:45	20° \approx 53'12			-4622 Oct 12 j 09:40	0° $\underline{\mathfrak{A}}$	
	-4624 May 11 j 21:56	0° \mathfrak{H}			-4622 Nov 05 j 10:00	0° \mathbb{M}	
morning max el	-4624 Jun 02 j 23:49	18° \mathfrak{H} 53'18	45°58'10		-4622 Nov 29 j 14:40	0° \mathfrak{A}	
	-4624 Jun 14 j 03:15	0° \mathfrak{Y}			-4622 Dec 24 j 01:56	0° \mathfrak{Z}	
	-4624 Jul 11 j 15:53	0° \mathfrak{B}			-4621 Jan 18 j 00:43	0° \approx	
	-4624 Aug 06 j 07:12	0° Π		asc. node	-4621 Feb 01 j 03:56	16° \approx 35'29	
asc. node	-4624 Aug 16 j 11:37	12° Π 17'06			-4621 Feb 12 j 20:33	0° \mathfrak{H}	
	-4624 Aug 30 j 22:49	0° \mathfrak{D}			-4621 Mar 12 j 10:51	0° \mathfrak{Y}	
	-4624 Sep 24 j 01:32	0° Ω		evening max el	-4621 Mar 25 j 11:16	12° \mathfrak{Y} 55'01	45°05'38
	-4624 Oct 17 j 22:55	0° \mathfrak{M}			-4621 Apr 14 j 11:30	0° \mathfrak{B}	
	-4624 Nov 10 j 20:07	0° $\underline{\mathfrak{A}}$		greatest brilliancy	-4621 May 02 j 04:33	10° \mathfrak{B} 00'13	-4.7m
	-4624 Dec 04 j 19:51	0° \mathbb{M}		retrograde	-4621 May 12 j 14:39	11° \mathfrak{B} 55'47	

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

desc. node	-4621 May 24 j 03:15	9°  23'08	superior conj	-4619 Oct 27 j 17:10	1°  04'51	0°25'48
evening set	-4621 May 27 j 10:41	7°  47'34	minimum elong	-4619 Oct 27 j 24:00	1°  26'18	0°25'30
inferior conj	-4621 Jun 02 j 22:05	4°  01'18	max. Earth dist.	-4619 Nov 01 j 08:08	6°  53'34	1.71126 AU
minimum elong	-4621 Jun 02 j 17:08	4°  08'53	desc. node	-4619 Nov 07 j 23:14	15°  12'44	
min. Earth dist.	-4621 Jun 03 j 11:17	3°  41'04		-4619 Nov 19 j 18:36	0° 	
morning rise	-4621 Jun 08 j 22:45	0°  27'08	evening rise	-4619 Dec 09 j 05:16	24°  15'30	
	-4621 Jun 09 j 18:54	30°  		-4619 Dec 13 j 20:04	0° 	
direct	-4621 Jun 24 j 11:39	25°  52'36		-4618 Jan 07 j 01:16	0° 	
greatest brilliancy	-4621 Jul 05 j 16:00	28°  07'12	-4.8m	-4618 Jan 31 j 11:23	0° 	
	-4621 Jul 09 j 21:49	0° 		-4618 Feb 25 j 04:47	0° 	
morning max el	-4621 Aug 13 j 10:37	27°  32'05	46°33'05	asc. node	-4618 Feb 28 j 16:04	4°  10'19
	-4621 Aug 15 j 21:27	0° 		-4618 Mar 22 j 09:01	0° 	
	-4621 Sep 12 j 10:20	0° 		-4618 Apr 17 j 05:39	0° 	
asc. node	-4621 Sep 13 j 23:09	1°  54'55		-4618 May 14 j 06:53	0° 	
	-4621 Oct 07 j 20:09	0° 		evening max el	-4618 Jun 05 j 11:59	22°  43'33
	-4621 Nov 01 j 10:04	0° 			-4618 Jun 13 j 07:08	0° 
	-4621 Nov 25 j 17:25	0° 		desc. node	-4618 Jun 20 j 14:35	6° 
	-4621 Dec 20 j 00:33	0° 		greatest brilliancy	-4618 Jul 15 j 17:07	21°  54'45
desc. node	-4620 Jan 03 j 21:52	18°  12'04	-4.8m	retrograde	-4618 Jul 24 j 23:56	23°  21'38
	-4620 Jan 13 j 09:32	0° 		evening set	-4618 Aug 11 j 20:44	17°  52'07
	-4620 Feb 06 j 20:06	0° 		inferior conj	-4618 Aug 14 j 19:35	15°  40'37
morning set	-4620 Feb 18 j 08:51	14°  38'35	-8°56'36	minimum elong	-4618 Aug 14 j 18:20	15°  42'29
	-4620 Mar 02 j 07:15	0° 	8°56'22	min. Earth dist.	-4618 Aug 15 j 03:08	15°  29'14
max. Earth dist.	-4620 Mar 25 j 10:10	28°  21'39	1.73735 AU	morning rise	-4618 Aug 17 j 15:50	13°  58'39
				direct	-4618 Sep 04 j 12:22	7° 
superior conj	-4620 Mar 26 j 06:47	29°  24'54	-1°02'37	greatest brilliancy	-4618 Sep 15 j 07:58	10°  59'16
minimum elong	-4620 Mar 26 j 15:16	29°  50'55	1°02'29	asc. node	-4618 Oct 11 j 10:23	28°  05'26
	-4620 Mar 26 j 18:14	0° 			-4618 Oct 13 j 12:33	0° 
	-4620 Apr 20 j 04:39	0° 		morning max el	-4618 Oct 25 j 08:52	11°  35'29
asc. node	-4620 Apr 25 j 14:54	6°  40'04	46°51'24		-4618 Nov 11 j 12:34	0° 
evening rise	-4620 May 01 j 05:13	13°  32'40			-4618 Dec 07 j 16:37	0° 
	-4620 May 14 j 14:21	0° 			-4617 Jan 02 j 00:57	0° 
	-4620 Jun 07 j 23:34	0° 			-4617 Jan 27 j 02:39	0° 
	-4620 Jul 02 j 09:11	0° 		desc. node	-4617 Jan 31 j 09:50	5°  29'40
	-4620 Jul 26 j 21:04	0° 			-4617 Feb 21 j 01:14	0° 
desc. node	-4620 Aug 15 j 11:55	23°  35'57			-4617 Mar 17 j 20:58	0° 
	-4620 Aug 20 j 14:09	0° 			-4617 Apr 11 j 13:19	0° 
	-4620 Sep 14 j 17:17	0° 		morning set	-4617 Apr 27 j 02:31	19°  10'03
	-4620 Oct 10 j 17:31	0° 			-4617 May 06 j 01:45	0° 
evening max el	-4620 Oct 31 j 08:57	22°  14'57	47°15'09	asc. node	-4617 May 24 j 03:29	22°  15'07
	-4620 Nov 08 j 03:44	0° 		max. Earth dist.	-4617 May 28 j 22:12	28°  09'25
asc. node	-4620 Dec 06 j 06:52	21°  25'58'28	1.73025 AU		-4617 May 30 j 09:58	0° 
greatest brilliancy	-4620 Dec 10 j 13:14	23°  25'55'50	-4.9m			
retrograde	-4620 Dec 21 j 09:01	26°  21'03'35		superior conj	-4617 Jun 01 j 21:27	3°  04'01
evening set	-4619 Jan 06 j 20:18	20°  24'46'12	0°20'22	minimum elong	-4617 Jun 01 j 17:31	2°  51'50
min. Earth dist.	-4619 Jan 10 j 14:41	18°  25'18	0°20'18		-4617 Jun 23 j 14:13	0° 
inferior conj	-4619 Jan 11 j 12:47	17°  24'49'53	7°14'32	evening rise	-4617 Jul 07 j 20:28	17°  46'14
minimum elong	-4619 Jan 11 j 04:48	18°  24'02'42	17°46'14		-4617 Jul 17 j 15:37	0° 
morning rise	-4619 Jan 15 j 13:45	15°  24'17'39	0°02'22		-4617 Aug 10 j 16:02	0° 
direct	-4619 Feb 01 j 13:26	9°  24'40'30	0°02'18		-4617 Sep 03 j 17:38	0° 
greatest brilliancy	-4619 Feb 10 j 09:24	11°  24'06'46	-4.8m	desc. node	-4617 Sep 13 j 00:13	11°  29'31'29
	-4619 Mar 11 j 20:25	0° 			-4617 Sep 27 j 22:22	0° 
morning max el	-4619 Mar 22 j 07:39	9°  31'51	45°52'37		-4617 Oct 22 j 08:28	0° 
desc. node	-4619 Mar 28 j 06:44	15°  31'19'21			-4617 Nov 16 j 04:17	0° 
	-4619 Apr 11 j 14:32	0° 			-4617 Dec 11 j 20:24	0° 
	-4619 May 08 j 22:20	0° 		asc. node	-4616 Jan 03 j 18:16	25°  30'23'30
	-4619 Jun 03 j 20:46	0° 			-4616 Jan 08 j 14:36	0° 
	-4619 Jun 28 j 22:58	0° 		evening max el	-4616 Jan 11 j 05:51	2°  37'42
asc. node	-4619 Jul 19 j 01:49	24°  36'02	45°47'59		-4616 Feb 15 j 08:01	0° 
	-4619 Jul 23 j 10:42	0° 		greatest brilliancy	-4616 Feb 18 j 11:22	1°  19'16
	-4619 Aug 16 j 12:11	0° 	-4.7m	retrograde	-4616 Feb 29 j 08:00	3°  27'50
greatest brilliancy	-4619 Aug 29 j 01:59	15°  49'09	-3.9m		-4616 Mar 13 j 13:08	30° 
	-4619 Sep 09 j 07:43	0°		evening set	-4616 Mar 17 j 06:42	27°
morning set	-4619 Sep 16 j 10:01	8° 35'57'56	27°56'16	inferior conj	-4616 Mar 21 j 18:36	25° 08'59
	-4619 Oct 03 j 01:27	0°	6°37'42	minimum elong	-4616 Mar 22 j 03:06	24°
	-4619 Oct 26 j 20:33	0°	6°36'11	min. Earth dist.	-4616 Mar 22 j 06:59	24°
			0.29389 AU	morning rise	-4616 Mar 26 j 23:30	21°

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

direct	-4616 Apr 12 j 14:36	16° \approx 41'09		evening rise	-4614 Sep 18 j 19:53	1° \cap 03'58	
greatest brilliancy	-4616 Apr 22 j 22:50	18° \approx 36'53	-4.7m	desc. node	-4614 Oct 10 j 12:50	28° \cap 19'45	
desc. node	-4616 Apr 24 j 18:03	19° \approx 18'06			-4614 Oct 11 j 20:50	0° $\underline{\cap}$	
	-4616 May 12 j 11:28	0° X			-4614 Nov 04 j 21:20	0° \cap	
morning max el	-4616 May 31 j 16:21	16° X 44'52	45°57'19		-4614 Nov 29 j 02:14	0° X	
	-4616 Jun 13 j 21:41	0° Y			-4614 Dec 23 j 13:54	0° Z	
	-4616 Jul 11 j 06:17	0° B			-4613 Jan 17 j 13:27	0° \approx	
	-4616 Aug 05 j 19:59	0° \cap		asc. node	-4613 Jan 31 j 06:00	16° \approx 02'22	
asc. node	-4616 Aug 15 j 13:42	11° \cap 45'41			-4613 Feb 12 j 10:58	0° X	
	-4616 Aug 30 j 10:48	0° C			-4613 Mar 12 j 05:36	0° Y	
	-4616 Sep 23 j 13:08	0° Ω		evening max el	-4613 Mar 23 j 01:22	10° Y 40'34	45°05'26
	-4616 Oct 17 j 10:18	0° \cap			-4613 Apr 15 j 04:53	0° B	
	-4616 Nov 10 j 07:22	0° $\underline{\cap}$		greatest brilliancy	-4613 Apr 29 j 18:58	7° B 47'41	-4.7m
morning set	-4616 Dec 02 j 16:28	27° $\underline{\cap}$ 59'55		retrograde	-4613 May 10 j 05:14	9° B 43'55	
	-4616 Dec 04 j 06:58	0° \cap		desc. node	-4613 May 23 j 05:19	6° B 30'34	
desc. node	-4616 Dec 05 j 11:39	1° \cap 29'25		evening set	-4613 May 25 j 01:23	5° B 35'15	
	-4616 Dec 28 j 09:45	0° X		inferior conj	-4613 May 31 j 13:13	1° B 48'34	-1°56'21
				minimum elong	-4613 May 31 j 08:57	1° B 55'05	1°55'00
superior conj	-4615 Jan 12 j 23:32	19° X 17'37	-1°13'06	min. Earth dist.	-4613 Jun 01 j 03:15	1° B 27'04	0.28363 AU
minimum elong	-4615 Jan 12 j 14:40	18° X 50'10	1°13'07		-4613 Jun 03 j 12:33	30° R Y	
max. Earth dist.	-4615 Jan 16 j 08:14	23° X 27'11	1.72749 AU	morning rise	-4613 Jun 06 j 15:38	28° Y 11'50	
	-4615 Jan 21 j 15:21	0° Z		direct	-4613 Jun 22 j 02:48	23° Y 38'39	
	-4615 Feb 14 j 23:26	0° \approx		greatest brilliancy	-4613 Jul 03 j 08:40	25° Y 54'23	-4.8m
evening rise	-4615 Feb 20 j 12:35	6° \approx 49'19			-4613 Jul 11 j 15:24	0° B	
greatest brilliancy	-4615 Feb 28 j 09:47	16° \approx 30'04	-3.9m	morning max el	-4613 Aug 11 j 01:01	25° B 12'44	46°31'59
	-4615 Mar 11 j 10:12	0° X			-4613 Aug 15 j 18:32	0° \cap	
asc. node	-4615 Mar 28 j 04:30	20° X 28'34			-4613 Sep 12 j 02:02	0° C	
	-4615 Apr 05 j 00:16	0° Y		asc. node	-4613 Sep 13 j 01:19	1° C 07'17	
	-4615 Apr 29 j 18:29	0° B			-4613 Oct 07 j 09:47	0° Ω	
	-4615 May 24 j 18:15	0° \cap			-4613 Oct 31 j 22:40	0° \cap	
	-4615 Jun 19 j 02:39	0° C			-4613 Nov 25 j 05:24	0° $\underline{\cap}$	
	-4615 Jul 15 j 02:58	0° Ω			-4613 Dec 19 j 12:08	0° \cap	
desc. node	-4615 Jul 18 j 02:03	3° Ω 20'25		desc. node	-4612 Jan 02 j 23:53	17° \cap 51'18	
	-4615 Aug 11 j 15:07	0° \cap			-4612 Jan 12 j 20:48	0° X	
evening max el	-4615 Aug 18 j 10:25	6° \cap 56'21	47°25'20		-4612 Feb 06 j 07:08	0° Z	
	-4615 Sep 13 j 15:41	0° $\underline{\cap}$		morning set	-4612 Feb 16 j 00:40	11° Z 56'21	
greatest brilliancy	-4615 Sep 28 j 11:43	8° $\underline{\cap}$ 08'50	-4.9m		-4612 Mar 01 j 18:07	0° \approx	
retrograde	-4615 Oct 08 j 02:40	9° $\underline{\cap}$ 54'29		max. Earth dist.	-4612 Mar 23 j 06:00	26° \approx 22'11	1.73732 AU
evening set	-4615 Oct 22 j 23:25	5° $\underline{\cap}$ 28'50					
inferior conj	-4615 Oct 28 j 16:02	2° $\underline{\cap}$ 05'00	-2°35'19	superior conj	-4612 Mar 24 j 01:08	27° \approx 20'50	-1°04'36
minimum elong	-4615 Oct 28 j 21:39	1° $\underline{\cap}$ 56'21	2°33'35	minimum elong	-4612 Mar 24 j 09:33	27° \approx 46'39	1°04'29
min. Earth dist.	-4615 Oct 28 j 07:21	2° $\underline{\cap}$ 18'26	0.26468 AU		-4612 Mar 26 j 05:01	0° X	
	-4615 Nov 01 j 02:24	30° R \cap			-4612 Apr 19 j 15:28	0° Y	
morning rise	-4615 Nov 03 j 20:23	28° \cap 27'18		asc. node	-4612 Apr 24 j 17:04	6° Y 13'25	
asc. node	-4615 Nov 07 j 21:37	26° \cap 32'44		evening rise	-4612 Apr 29 j 00:32	11° Y 31'12	
direct	-4615 Nov 17 j 22:11	24° \cap 28'46			-4612 May 14 j 01:20	0° B	
greatest brilliancy	-4615 Nov 27 j 15:21	26° \cap 17'16	-4.9m		-4612 Jun 07 j 10:51	0° \cap	
	-4615 Dec 05 j 12:31	0° $\underline{\cap}$			-4612 Jul 01 j 20:55	0° C	
morning max el	-4614 Jan 06 j 19:30	26° $\underline{\cap}$ 38'44	46°24'27		-4612 Jul 26 j 09:24	0° Ω	
	-4614 Jan 10 j 04:07	0° \cap		desc. node	-4612 Aug 14 j 14:02	23° Ω 18'02	
	-4614 Feb 07 j 07:34	0° X			-4612 Aug 20 j 03:21	0° \cap	
desc. node	-4614 Feb 27 j 21:35	23° X 12'03			-4612 Sep 14 j 07:51	0° $\underline{\cap}$	
	-4614 Mar 05 j 19:46	0° Z			-4612 Oct 10 j 10:47	0° \cap	
	-4614 Mar 31 j 13:58	0° \approx		evening max el	-4612 Oct 28 j 24:00	19° \cap 54'55	47°17'43
	-4614 Apr 25 j 20:19	0° X			-4612 Nov 08 j 05:23	0° X	
	-4614 May 20 j 17:00	0° Y		asc. node	-4612 Dec 05 j 08:54	20° X 24'36	
	-4614 Jun 14 j 05:02	0° B		greatest brilliancy	-4612 Dec 08 j 05:42	21° X 40'11	-4.9m
asc. node	-4614 Jun 20 j 15:42	7° B 57'24		retrograde	-4612 Dec 19 j 01:33	23° X 55'31	
morning set	-4614 Jul 03 j 11:10	23° B 51'18		evening set	-4611 Jan 04 j 09:33	18° X 35'17	
	-4614 Jul 08 j 09:32	0° \cap		min. Earth dist.	-4611 Jan 08 j 05:53	16° X 11'54	0.28304 AU
	-4614 Aug 01 j 08:21	0° C		inferior conj	-4611 Jan 09 j 04:48	15° X 35'16	7°04'40
max. Earth dist.	-4614 Aug 07 j 01:28	7° C 11'10	1.71302 AU	minimum elong	-4611 Jan 08 j 20:29	15° X 48'35	7°03'07
				morning rise	-4611 Jan 13 j 07:53	13° X 00'10	
superior conj	-4614 Aug 10 j 00:10	10° C 53'39	1°22'53	direct	-4611 Jan 30 j 04:17	7° X 26'49	
minimum elong	-4614 Aug 09 j 21:14	10° C 44'25	1°23'06	greatest brilliancy	-4611 Feb 08 j 00:20	8° X 53'27	-4.8m
	-4614 Aug 25 j 04:07	0° Ω			-4611 Mar 11 j 23:57	0° Z	
	-4614 Sep 17 j 23:33	0° \cap		morning max el	-4611 Mar 19 j 23:40	7° Z 21'41	45°53'07

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

desc. node	-4611 Mar 27 j 09:01	14° Z 34'24			-4609 Nov 15 j 17:59	0° Z	
	-4611 Apr 11 j 07:32	0° Z			-4609 Dec 11 j 12:02	0° Z	
	-4611 May 08 j 12:15	0° H		asc. node	-4608 Jan 02 j 20:26	24° Z 17'28	
	-4611 Jun 03 j 09:19	0° Y			-4608 Jan 08 j 11:45	0° Z	
	-4611 Jun 28 j 10:49	0° B		evening max el	-4608 Jan 08 j 21:58	0° Z 25'19	45°50'52
asc. node	-4611 Jul 18 j 03:56	24° B 07'01		greatest brilliancy	-4608 Feb 16 j 04:58	29° Z 13'05	-4.7m
	-4611 Jul 22 j 22:11	0° II			-4608 Feb 18 j 11:54	0° H	
	-4611 Aug 15 j 23:29	0° E		retrograde	-4608 Feb 27 j 01:10	1° H 21'16	
greatest brilliancy	-4611 Aug 28 j 17:16	16° E 01'47	-3.9m		-4608 Mar 06 j 06:17	30° R Z	
	-4611 Sep 08 j 18:58	0° O		evening set	-4608 Mar 15 j 02:19	25° Z 46'16	
morning set	-4611 Sep 13 j 21:29	6° O 26'56		inferior conj	-4608 Mar 19 j 11:54	23° Z 01'59	6°48'25
	-4611 Oct 02 j 12:42	0° M		minimum elong	-4608 Mar 19 j 20:10	22° Z 48'51	6°46'59
				min. Earth dist.	-4608 Mar 19 j 23:15	22° Z 43'58	0.29393 AU
superior conj	-4611 Oct 25 j 01:48	28° M 25'37	0°29'37	morning rise	-4608 Mar 24 j 14:02	19° Z 53'13	
minimum elong	-4611 Oct 25 j 09:30	28° M 49'53	0°29'17	direct	-4608 Apr 10 j 07:54	14° Z 34'22	
	-4611 Oct 26 j 07:48	0° O		greatest brilliancy	-4608 Apr 20 j 13:53	16° Z 27'58	-4.7m
max. Earth dist.	-4611 Oct 29 j 13:55	4° O 05'36	1.71086 AU	desc. node	-4608 Apr 23 j 20:06	17° Z 46'04	
desc. node	-4611 Nov 07 j 01:18	14° O 44'01			-4608 May 12 j 21:37	0° H	
	-4611 Nov 19 j 05:50	0° M		morning max el	-4608 May 29 j 08:10	14° H 34'17	45°56'20
evening rise	-4611 Dec 06 j 15:45	21° M 43'57			-4608 Jun 13 j 15:51	0° Y	
	-4611 Dec 13 j 07:16	0° Z			-4608 Jul 10 j 20:49	0° B	
	-4610 Jan 06 j 12:29	0° Z			-4608 Aug 05 j 09:02	0° II	
	-4610 Jan 30 j 22:46	0° Z		asc. node	-4608 Aug 14 j 15:54	11° II 13'43	
	-4610 Feb 24 j 16:35	0° H			-4608 Aug 29 j 23:08	0° E	
asc. node	-4610 Feb 27 j 18:17	3° H 41'21			-4608 Sep 23 j 01:05	0° O	
	-4610 Mar 21 j 21:39	0° Y			-4608 Oct 16 j 22:01	0° M	
	-4610 Apr 16 j 19:52	0° B			-4608 Nov 09 j 18:54	0° O	
	-4610 May 14 j 00:35	0° II		morning set	-4608 Nov 30 j 02:24	25° O 25'34	
evening max el	-4610 Jun 03 j 02:20	20° II 25'19	45°55'58		-4608 Dec 03 j 18:22	0° M	
	-4610 Jun 13 j 12:09	0° E		desc. node	-4608 Dec 04 j 13:39	1° M 00'07	
desc. node	-4610 Jun 19 j 16:40	5° E 12'38			-4608 Dec 27 j 21:02	0° Z	
greatest brilliancy	-4610 Jul 13 j 03:24	19° E 19'42	-4.8m				
retrograde	-4610 Jul 22 j 12:34	20° E 55'54		superior conj	-4607 Jan 10 j 12:27	16° Z 54'19	-1°11'19
evening set	-4610 Aug 09 j 07:01	15° E 03'22		minimum elong	-4607 Jan 10 j 03:04	16° Z 25'17	1°11'19
inferior conj	-4610 Aug 12 j 08:03	13° E 14'31	-8°54'17	max. Earth dist.	-4607 Jan 14 j 02:17	21° Z 19'52	1.72691 AU
minimum elong	-4610 Aug 12 j 05:53	13° E 17'47	8°53'59		-4607 Jan 21 j 02:33	0° Z	
min. Earth dist.	-4610 Aug 12 j 14:59	13° E 04'03	0.27106 AU		-4607 Feb 14 j 10:35	0° Z	
morning rise	-4610 Aug 15 j 04:39	11° E 32'03		evening rise	-4607 Feb 18 j 04:48	4° Z 37'22	
direct	-4610 Sep 02 j 02:17	5° E 30'15		greatest brilliancy	-4607 Feb 27 j 10:01	15° Z 56'34	-3.9m
greatest brilliancy	-4610 Sep 12 j 20:49	7° E 41'51	-4.9m		-4607 Mar 10 j 21:24	0° H	
asc. node	-4610 Oct 10 j 12:38	27° E 01'39		asc. node	-4607 Mar 27 j 06:42	20° H 00'45	
	-4610 Oct 13 j 16:53	0° O			-4607 Apr 04 j 11:40	0° Y	
morning max el	-4610 Oct 22 j 22:52	9° O 09'32	46°51'29		-4607 Apr 29 j 06:20	0° B	
	-4610 Nov 11 j 06:43	0° M			-4607 May 24 j 06:54	0° II	
	-4610 Dec 07 j 07:34	0° O			-4607 Jun 18 j 16:37	0° E	
	-4609 Jan 01 j 14:19	0° M			-4607 Jul 14 j 19:19	0° O	
	-4609 Jan 26 j 15:03	0° Z		desc. node	-4607 Jul 17 j 04:11	2° O 39'33	
desc. node	-4609 Jan 30 j 11:58	4° Z 39'15			-4607 Aug 11 j 13:02	0° M	
	-4609 Feb 20 j 12:58	0° Z		evening max el	-4607 Aug 15 j 23:28	4° M 29'13	47°23'09
	-4609 Mar 17 j 08:16	0° Z			-4607 Sep 14 j 21:02	0° O	
	-4609 Apr 11 j 00:22	0° H		greatest brilliancy	-4607 Sep 26 j 02:20	5° O 40'07	-4.9m
morning set	-4609 Apr 24 j 21:52	16° H 58'50		retrograde	-4607 Oct 05 j 14:38	7° O 23'29	
	-4609 May 05 j 12:41	0° Y		evening set	-4607 Oct 20 j 14:06	2° O 55'44	
asc. node	-4609 May 23 j 05:29	21° Y 47'37			-4607 Oct 25 j 12:31	30° R M	
max. Earth dist.	-4609 May 26 j 17:38	26° Y 07'22	1.73076 AU	inferior conj	-4607 Oct 26 j 04:31	29° M 35'18	-2°58'32
	-4609 May 29 j 20:55	0° B		minimum elong	-4607 Oct 26 j 10:54	29° M 25'28	2°56'34
				min. Earth dist.	-4607 Oct 25 j 21:28	29° M 46'12	0.26446 AU
superior conj	-4609 May 30 j 16:16	0° B 59'49	0°17'23	morning rise	-4607 Nov 01 j 08:05	25° M 58'30	
minimum elong	-4609 May 30 j 12:53	0° B 49'22	0°17'19	asc. node	-4607 Nov 06 j 23:40	23° M 27'34	
	-4609 Jun 23 j 01:16	0° II		direct	-4607 Nov 15 j 10:01	21° M 59'30	
evening rise	-4609 Jul 05 j 13:49	15° II 35'50		greatest brilliancy	-4607 Nov 25 j 05:35	23° M 49'45	-4.9m
	-4609 Jul 17 j 02:52	0° E			-4607 Dec 07 j 01:20	0° O	
	-4609 Aug 10 j 03:33	0° O		morning max el	-4606 Jan 04 j 07:49	24° O 11'57	46°25'48
	-4609 Sep 03 j 05:28	0° M			-4606 Jan 10 j 02:02	0° M	
desc. node	-4609 Sep 12 j 02:26	11° M 01'14			-4606 Feb 06 j 23:43	0° Z	
	-4609 Sep 27 j 10:36	0° O		desc. node	-4606 Feb 26 j 23:47	22° Z 37'42	
	-4609 Oct 21 j 21:15	0° M			-4606 Mar 05 j 09:34	0° Z	

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

	-4606 Mar 31 j 02:31	0°♊		evening max el	-4604 Oct 26 j 15:53	17°♌36'09	47°19'51
	-4606 Apr 25 j 08:08	0°♋			-4604 Nov 08 j 08:57	0°♌	
	-4606 May 20 j 04:23	0°♍		asc. node	-4604 Dec 04 j 11:08	18°♌45'54	
	-4606 Jun 13 j 16:12	0°♎		greatest brilliancy	-4604 Dec 05 j 21:34	19°♌21'57	-4.9m
asc. node	-4606 Jun 19 j 17:54	7°♎29'46		retrograde	-4604 Dec 16 j 18:07	21°♌38'03	
morning set	-4606 Jul 01 j 04:11	21°♎40'18		evening set	-4603 Jan 01 j 22:22	16°♌22'09	
	-4606 Jul 07 j 20:39	0°♏		min. Earth dist.	-4603 Jan 05 j 20:30	13°♌56'22	0.28230 AU
	-4606 Jul 31 j 19:32	0°♐		inferior conj	-4603 Jan 06 j 20:24	13°♌18'16	6°53'47
max. Earth dist.	-4606 Aug 04 j 13:29	4°♐42'47	1.71360 AU	minimum elong	-4603 Jan 06 j 11:47	13°♌32'01	6°52'08
				morning rise	-4603 Jan 11 j 01:44	10°♌40'14	
superior conj	-4606 Aug 07 j 14:50	8°♐33'32	1°22'17	direct	-4603 Jan 27 j 19:17	5°♌11'00	
minimum elong	-4606 Aug 07 j 11:09	8°♐21'55	1°22'29	greatest brilliancy	-4603 Feb 05 j 14:28	6°♌37'31	-4.8m
	-4606 Aug 24 j 15:24	0°♑			-4603 Mar 12 j 02:20	0°♑	
evening rise	-4606 Sep 16 j 05:57	28°♑28'41		morning max el	-4603 Mar 17 j 15:43	5°♑10'51	45°53'45
	-4606 Sep 17 j 10:59	0°♒		desc. node	-4603 Mar 26 j 11:07	13°♑48'59	
desc. node	-4606 Oct 09 j 14:51	27°♒49'49			-4603 Apr 11 j 00:24	0°♒	
	-4606 Oct 11 j 08:25	0°♓			-4603 May 08 j 02:10	0°♓	
	-4606 Nov 04 j 09:05	0°♓			-4603 Jun 02 j 21:53	0°♓	
	-4606 Nov 28 j 14:12	0°♐			-4603 Jun 27 j 22:41	0°♐	
	-4606 Dec 23 j 02:15	0°♑		asc. node	-4603 Jul 17 j 06:08	23°♐38'14	
	-4605 Jan 17 j 02:35	0°♒			-4603 Jul 22 j 09:40	0°♑	
asc. node	-4605 Jan 30 j 08:15	15°♒28'38			-4603 Aug 15 j 10:46	0°♑	
	-4605 Feb 12 j 01:51	0°♓		greatest brilliancy	-4603 Aug 28 j 05:47	16°♑05'46	-3.9m
	-4605 Mar 12 j 01:09	0°♓			-4603 Sep 08 j 06:10	0°♑	
evening max el	-4605 Mar 20 j 16:11	8°♓27'17	45°05'30	morning set	-4603 Sep 11 j 09:39	3°♑58'22	
	-4605 Apr 16 j 04:34	0°♐			-4603 Oct 01 j 23:54	0°♒	
greatest brilliancy	-4605 Apr 27 j 09:18	5°♐35'11	-4.7m				
retrograde	-4605 May 07 j 20:47	7°♐32'41		superior conj	-4603 Oct 22 j 10:47	25°♒47'33	0°33'20
desc. node	-4605 May 22 j 07:25	3°♐35'22		minimum elong	-4603 Oct 22 j 19:17	26°♒14'17	0°32'59
evening set	-4605 May 22 j 16:38	3°♐23'20			-4603 Oct 25 j 19:02	0°♓	
	-4605 May 28 j 13:13	30°♑♐		max. Earth dist.	-4603 Oct 26 j 22:35	1°♓26'40	1.71055 AU
inferior conj	-4605 May 29 j 04:40	29°♑36'23	-1°36'13	desc. node	-4603 Nov 06 j 03:20	14°♓15'12	
minimum elong	-4605 May 29 j 01:08	29°♑41'48	1°35'06		-4603 Nov 18 j 17:05	0°♓	
min. Earth dist.	-4605 May 29 j 19:11	29°♑14'11	0.28409 AU	evening rise	-4603 Dec 04 j 01:56	19°♓11'08	
morning rise	-4605 Jun 04 j 08:45	25°♑57'32			-4603 Dec 12 j 18:32	0°♐	
direct	-4605 Jun 19 j 18:35	21°♑25'26			-4602 Jan 05 j 23:50	0°♑	
greatest brilliancy	-4605 Jul 01 j 01:05	23°♑41'56	-4.8m		-4602 Jan 30 j 10:18	0°♒	
	-4605 Jul 12 j 20:02	0°♐			-4602 Feb 24 j 04:32	0°♓	
morning max el	-4605 Aug 08 j 16:32	22°♐56'19	46°30'45	asc. node	-4602 Feb 26 j 20:25	3°♓11'42	
	-4605 Aug 15 j 15:00	0°♑			-4602 Mar 21 j 10:26	0°♓	
	-4605 Sep 11 j 17:38	0°♑			-4602 Apr 16 j 10:18	0°♐	
asc. node	-4605 Sep 12 j 03:34	0°♑28'47			-4602 May 13 j 18:42	0°♑	
	-4605 Oct 06 j 23:33	0°♑		evening max el	-4602 May 31 j 16:43	18°♑07'20	45°52'59
	-4605 Oct 31 j 11:30	0°♒			-4602 Jun 13 j 19:10	0°♑	
	-4605 Nov 24 j 17:42	0°♓		desc. node	-4602 Jun 18 j 18:54	4°♑04'13	
	-4605 Dec 19 j 00:01	0°♓		greatest brilliancy	-4602 Jul 10 j 14:32	16°♑54'16	-4.8m
desc. node	-4604 Jan 02 j 02:06	17°♓22'10		retrograde	-4602 Jul 20 j 01:01	18°♑30'56	
	-4604 Jan 12 j 08:22	0°♐		evening set	-4602 Aug 06 j 17:06	12°♑42'25	
	-4604 Feb 05 j 18:24	0°♑		inferior conj	-4602 Aug 09 j 20:43	10°♑49'33	-8°50'58
morning set	-4604 Feb 13 j 16:04	9°♑41'58		minimum elong	-4602 Aug 09 j 17:38	10°♑54'12	8°50'37
	-4604 Mar 01 j 05:12	0°♒		min. Earth dist.	-4602 Aug 10 j 03:19	10°♑39'35	0.27143 AU
max. Earth dist.	-4604 Mar 21 j 03:07	24°♒25'56	1.73725 AU	morning rise	-4602 Aug 12 j 18:05	9°♑05'47	
				direct	-4602 Aug 30 j 16:00	3°♑04'56	
superior conj	-4604 Mar 21 j 19:21	25°♒15'45	-1°06'30	greatest brilliancy	-4602 Sep 10 j 09:53	5°♑15'35	-4.9m
minimum elong	-4604 Mar 22 j 03:40	25°♒41'13	1°06'25	asc. node	-4602 Oct 09 j 14:39	25°♑59'43	
	-4604 Mar 25 j 16:01	0°♓			-4602 Oct 13 j 19:17	0°♑	
	-4604 Apr 19 j 02:30	0°♓		morning max el	-4602 Oct 20 j 11:54	6°♑41'54	46°51'35
asc. node	-4604 Apr 23 j 19:06	5°♓45'44			-4602 Nov 11 j 00:12	0°♒	
evening rise	-4604 Apr 26 j 20:03	9°♓29'46			-4602 Dec 06 j 22:08	0°♓	
	-4604 May 13 j 12:31	0°♐			-4601 Jan 01 j 03:26	0°♓	
	-4604 Jun 06 j 22:17	0°♑			-4601 Jan 26 j 03:18	0°♐	
	-4604 Jul 01 j 08:44	0°♑		desc. node	-4601 Jan 29 j 14:07	4°♐09'08	
	-4604 Jul 25 j 21:49	0°♑			-4601 Feb 20 j 00:38	0°♑	
desc. node	-4604 Aug 13 j 16:15	22°♑45'14			-4601 Mar 16 j 19:32	0°♒	
	-4604 Aug 19 j 16:40	0°♒			-4601 Apr 10 j 11:23	0°♓	
	-4604 Sep 13 j 22:40	0°♓		morning set	-4601 Apr 22 j 16:50	14°♓56'40	
	-4604 Oct 10 j 04:38	0°♓			-4601 May 04 j 23:33	0°♓	

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

asc. node	-4601 May 22 j 07:39	21° Υ 20'52				-4599 Oct 18 j 21:23	30° \mathbb{R} \mathbb{M}	
max. Earth dist.	-4601 May 24 j 12:22	24° Υ 03'34	1.73125 AU	inferior conj		-4599 Oct 23 j 16:59	27° \mathbb{M} 06'34	-3°21'24
				minimum elong		-4599 Oct 24 j 00:05	26° \mathbb{M} 55'37	3°19'14
superior conj	-4601 May 28 j 10:54	28° Υ 55'32	0°14'21	min. Earth dist.		-4599 Oct 23 j 11:33	27° \mathbb{M} 14'55	0.26429 AU
minimum elong	-4601 May 28 j 08:06	28° Υ 46'52	0°14'20	morning rise		-4599 Oct 29 j 19:32	23° \mathbb{M} 31'10	
behind sun begin	-4601 May 27 j 22:32	28° Υ 17'18		asc. node		-4599 Nov 06 j 01:56	20° \mathbb{M} 28'53	
behind sun end	-4601 May 28 j 17:40	29° Υ 16'26		direct		-4599 Nov 12 j 21:42	19° \mathbb{M} 30'54	
	-4601 May 29 j 07:45	0° \mathbb{X}		greatest brilliancy		-4599 Nov 22 j 19:56	21° \mathbb{M} 23'23	-4.9m
	-4601 Jun 22 j 12:13	0° \mathbb{I}				-4599 Dec 08 j 02:54	0° \mathbb{L}	
evening rise	-4601 Jul 03 j 07:15	13° \mathbb{I} 26'11		morning max el		-4598 Jan 01 j 20:49	21° \mathbb{L} 47'48	46°27'18
	-4601 Jul 16 j 13:59	0° \mathbb{G}				-4598 Jan 09 j 22:44	0° \mathbb{M}	
	-4601 Aug 09 j 14:56	0° \mathbb{Q}				-4598 Feb 06 j 15:10	0° \mathbb{X}	
	-4601 Sep 02 j 17:09	0° \mathbb{M}		desc. node		-4598 Feb 26 j 01:51	22° \mathbb{X} 04'23	
desc. node	-4601 Sep 11 j 04:27	10° \mathbb{M} 30'56				-4598 Mar 04 j 22:50	0° \mathbb{Z}	
	-4601 Sep 26 j 22:38	0° \mathbb{L}				-4598 Mar 30 j 14:38	0° \approx	
	-4601 Oct 21 j 09:49	0° \mathbb{M}				-4598 Apr 24 j 19:36	0° \mathbb{H}	
	-4601 Nov 15 j 07:30	0° \mathbb{X}				-4598 May 19 j 15:29	0° Υ	
	-4601 Dec 11 j 03:37	0° \mathbb{Z}				-4598 Jun 13 j 03:07	0° \mathbb{X}	
asc. node	-4600 Jan 01 j 22:39	23° \mathbb{Z} 32'32		asc. node		-4598 Jun 18 j 20:06	7° \mathbb{X} 02'57	
evening max el	-4600 Jan 06 j 13:01	28° \mathbb{Z} 10'38	45°53'32	morning set		-4598 Jun 28 j 21:02	19° \mathbb{X} 29'40	
	-4600 Jan 08 j 09:27	0° \approx				-4598 Jul 07 j 07:30	0° \mathbb{I}	
greatest brilliancy	-4600 Feb 13 j 22:43	27° \approx 06'52	-4.7m			-4598 Jul 31 j 06:25	0° \mathbb{G}	
retrograde	-4600 Feb 24 j 17:48	29° \approx 14'25		max. Earth dist.		-4598 Aug 02 j 02:47	2° \mathbb{G} 19'26	1.71412 AU
evening set	-4600 Mar 12 j 21:41	23° \approx 35'58						
inferior conj	-4600 Mar 17 j 05:02	20° \approx 54'45	6°58'32	superior conj		-4598 Aug 05 j 05:22	6° \mathbb{G} 13'56	1°21'32
minimum elong	-4600 Mar 17 j 13:01	20° \approx 42'02	6°57'13	minimum elong		-4598 Aug 05 j 00:56	6° \mathbb{G} 00'01	1°21'43
min. Earth dist.	-4600 Mar 17 j 15:41	20° \approx 37'47	0.29399 AU			-4598 Aug 24 j 02:22	0° \mathbb{Q}	
morning rise	-4600 Mar 22 j 04:21	17° \approx 49'37		evening rise		-4598 Sep 13 j 16:06	25° \mathbb{Q} 54'47	
direct	-4600 Apr 08 j 00:31	12° \approx 27'10				-4598 Sep 16 j 22:05	0° \mathbb{M}	
greatest brilliancy	-4600 Apr 18 j 05:24	14° \approx 19'21	-4.7m	desc. node		-4598 Oct 08 j 16:55	27° \mathbb{M} 21'05	
desc. node	-4600 Apr 22 j 22:11	16° \approx 16'52				-4598 Oct 10 j 19:40	0° \mathbb{L}	
	-4600 May 13 j 05:02	0° \mathbb{H}				-4598 Nov 03 j 20:31	0° \mathbb{M}	
morning max el	-4600 May 26 j 23:15	12° \mathbb{H} 22'08	45°55'33			-4598 Nov 28 j 01:51	0° \mathbb{X}	
	-4600 Jun 13 j 09:29	0° Υ				-4598 Dec 22 j 14:17	0° \mathbb{Z}	
	-4600 Jul 10 j 11:00	0° \mathbb{X}				-4597 Jan 16 j 15:24	0° \approx	
	-4600 Aug 04 j 21:46	0° \mathbb{I}		asc. node		-4597 Jan 29 j 10:23	14° \approx 55'37	
asc. node	-4600 Aug 13 j 18:02	10° \mathbb{I} 42'22				-4597 Feb 11 j 16:29	0° \mathbb{H}	
	-4600 Aug 29 j 11:10	0° \mathbb{G}				-4597 Mar 11 j 20:50	0° Υ	
	-4600 Sep 22 j 12:44	0° \mathbb{Q}		evening max el		-4597 Mar 18 j 07:37	6° Υ 16'45	45°05'33
	-4600 Oct 16 j 09:26	0° \mathbb{M}				-4597 Apr 17 j 12:56	0° \mathbb{X}	
	-4600 Nov 09 j 06:08	0° \mathbb{L}		greatest brilliancy		-4597 Apr 24 j 23:13	3° \mathbb{X} 23'15	-4.7m
morning set	-4600 Nov 27 j 12:36	22° \mathbb{L} 52'50		retrograde		-4597 May 05 j 12:29	5° \mathbb{X} 22'01	
	-4600 Dec 03 j 05:26	0° \mathbb{M}		evening set		-4597 May 20 j 08:00	1° \mathbb{X} 11'55	
desc. node	-4600 Dec 03 j 15:52	0° \mathbb{M} 32'30		desc. node		-4597 May 21 j 09:40	0° \mathbb{X} 37'15	
	-4600 Dec 27 j 07:59	0° \mathbb{X}				-4597 May 22 j 12:08	30° \mathbb{R} Υ	
superior conj	-4599 Jan 08 j 01:31	14° \mathbb{X} 32'31	-1°09'25	inferior conj		-4597 May 26 j 19:59	27° Υ 24'41	-1°15'57
minimum elong	-4599 Jan 07 j 15:43	14° \mathbb{X} 02'10	1°09'23	minimum elong		-4597 May 26 j 17:11	27° Υ 28'59	1°15'03
max. Earth dist.	-4599 Jan 11 j 19:44	19° \mathbb{X} 11'43	1.72634 AU	min. Earth dist.		-4597 May 27 j 10:44	27° Υ 02'06	0.28459 AU
	-4599 Jan 20 j 13:25	0° \mathbb{Z}		morning rise		-4597 Jun 02 j 01:35	23° Υ 43'53	
	-4599 Feb 13 j 21:26	0° \approx		direct		-4597 Jun 17 j 10:44	19° Υ 12'43	
evening rise	-4599 Feb 15 j 20:59	2° \approx 26'12		greatest brilliancy		-4597 Jun 28 j 16:52	21° Υ 29'16	-4.8m
greatest brilliancy	-4599 Feb 26 j 07:26	15° \approx 15'17	-3.9m			-4597 Jul 13 j 16:42	0° \mathbb{X}	
	-4599 Mar 10 j 08:20	0° \mathbb{H}		morning max el		-4597 Aug 06 j 08:42	20° \mathbb{X} 42'18	46°29'31
asc. node	-4599 Mar 26 j 08:43	19° \mathbb{H} 33'06				-4597 Aug 15 j 10:38	0° \mathbb{I}	
	-4599 Apr 03 j 22:52	0° Υ		asc. node		-4597 Sep 11 j 05:37	29° \mathbb{I} 50'48	
	-4599 Apr 28 j 18:01	0° \mathbb{X}				-4597 Sep 11 j 08:47	0° \mathbb{G}	
	-4599 May 23 j 19:24	0° \mathbb{I}				-4597 Oct 06 j 12:54	0° \mathbb{Q}	
	-4599 Jun 18 j 06:28	0° \mathbb{G}				-4597 Oct 30 j 23:57	0° \mathbb{M}	
	-4599 Jul 14 j 11:38	0° \mathbb{Q}				-4597 Nov 24 j 05:36	0° \mathbb{L}	
desc. node	-4599 Jul 16 j 06:22	1° \mathbb{Q} 59'16		desc. node		-4596 Jan 01 j 04:11	16° \mathbb{M} 53'42	
	-4599 Aug 11 j 11:24	0° \mathbb{M}				-4596 Jan 11 j 19:34	0° \mathbb{X}	
evening max el	-4599 Aug 13 j 11:31	2° \mathbb{M} 00'43	47°21'02			-4596 Feb 05 j 05:21	0° \mathbb{Z}	
	-4599 Sep 16 j 14:10	0° \mathbb{L}		morning set		-4596 Feb 11 j 07:30	7° \mathbb{Z} 28'35	
greatest brilliancy	-4599 Sep 23 j 16:49	3° \mathbb{L} 12'11	-4.9m			-4596 Feb 29 j 15:57	0° \approx	
retrograde	-4599 Oct 03 j 02:38	4° \mathbb{L} 53'44		max. Earth dist.		-4596 Mar 19 j 02:02	22° \approx 36'13	1.73715 AU
evening set	-4599 Oct 18 j 04:53	0° \mathbb{L} 23'09						

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

superior conj	-4596 Mar 19 j 13:40	23° \approx 11'52	-1°08'19	greatest brilliancy	-4594 Sep 07 j 23:45	2° \approx 50'27	-4.9m
minimum elong	-4596 Mar 19 j 21:49	23° \approx 36'55	1°08'15	asc. node	-4594 Oct 08 j 16:56	24° \approx 59'37	
	-4596 Mar 25 j 02:41	0° \approx			-4594 Oct 13 j 20:27	0° \approx	
	-4596 Apr 18 j 13:13	0° \approx		morning max el	-4594 Oct 18 j 00:18	4° \approx 12'13	46°51'33
asc. node	-4596 Apr 22 j 21:19	5° \approx 19'38			-4594 Nov 10 j 17:28	0° \approx	
evening rise	-4596 Apr 24 j 15:40	7° \approx 29'40			-4594 Dec 06 j 12:38	0° \approx	
	-4596 May 12 j 23:24	0° \approx			-4594 Dec 31 j 16:31	0° \approx	
	-4596 Jun 06 j 09:29	0° \approx			-4593 Jan 25 j 15:29	0° \approx	
	-4596 Jun 30 j 20:24	0° \approx		desc. node	-4593 Jan 28 j 16:11	3° \approx 38'56	
	-4596 Jul 25 j 10:08	0° \approx			-4593 Feb 19 j 12:15	0° \approx	
desc. node	-4596 Aug 12 j 18:16	22° \approx 12'06			-4593 Mar 16 j 06:45	0° \approx	
	-4596 Aug 19 j 05:56	0° \approx			-4593 Apr 09 j 22:21	0° \approx	
	-4596 Sep 13 j 13:28	0° \approx		morning set	-4593 Apr 20 j 12:01	12° \approx 55'11	
	-4596 Oct 09 j 22:36	0° \approx			-4593 May 04 j 10:24	0° \approx	
evening max el	-4596 Oct 24 j 08:23	15° \approx 19'44	47°22'04	asc. node	-4593 May 21 j 09:52	20° \approx 54'23	
	-4596 Nov 08 j 13:54	0° \approx		max. Earth dist.	-4593 May 22 j 07:35	22° \approx 01'23	1.73170 AU
greatest brilliancy	-4596 Dec 03 j 13:31	17° \approx 04'38	-4.9m				
asc. node	-4596 Dec 03 j 13:21	17° \approx 04'28		superior conj	-4593 May 26 j 05:57	26° \approx 52'43	0°11'21
retrograde	-4596 Dec 14 j 10:48	19° \approx 21'06		minimum elong	-4593 May 26 j 03:43	26° \approx 45'50	0°11'20
evening set	-4596 Dec 30 j 11:16	14° \approx 09'43		behind sun begin	-4593 May 25 j 12:06	25° \approx 57'33	
min. Earth dist.	-4595 Jan 03 j 11:01	11° \approx 41'36	0.28152 AU	behind sun end	-4593 May 26 j 19:21	27° \approx 34'08	
inferior conj	-4595 Jan 04 j 11:59	11° \approx 01'50	6°42'20		-4593 May 28 j 18:34	0° \approx	
minimum elong	-4595 Jan 04 j 03:07	11° \approx 15'58	6°40'33		-4593 Jun 21 j 23:07	0° \approx	
morning rise	-4595 Jan 08 j 19:37	8° \approx 20'43		evening rise	-4593 Jul 01 j 01:13	11° \approx 18'27	
direct	-4595 Jan 25 j 10:33	2° \approx 55'59			-4593 Jul 16 j 01:05	0° \approx	
greatest brilliancy	-4595 Feb 03 j 04:12	4° \approx 21'44	-4.8m		-4593 Aug 09 j 02:20	0° \approx	
	-4595 Mar 12 j 03:01	0° \approx			-4593 Sep 02 j 04:54	0° \approx	
morning max el	-4595 Mar 15 j 07:43	3° \approx 00'39	45°54'25	desc. node	-4593 Sep 10 j 06:34	10° \approx 00'36	
desc. node	-4595 Mar 25 j 13:10	13° \approx 04'57			-4593 Sep 26 j 10:49	0° \approx	
	-4595 Apr 10 j 16:40	0° \approx			-4593 Oct 20 j 22:37	0° \approx	
	-4595 May 07 j 15:40	0° \approx			-4593 Nov 14 j 21:21	0° \approx	
	-4595 Jun 02 j 10:08	0° \approx			-4593 Dec 10 j 19:40	0° \approx	
	-4595 Jun 27 j 10:18	0° \approx		asc. node	-4592 Jan 01 j 00:46	22° \approx 46'10	
asc. node	-4595 Jul 16 j 08:14	23° \approx 09'46		evening max el	-4592 Jan 04 j 03:24	25° \approx 53'36	45°56'30
	-4595 Jul 21 j 20:58	0° \approx			-4592 Jan 08 j 08:15	0° \approx	
	-4595 Aug 14 j 21:56	0° \approx		greatest brilliancy	-4592 Feb 11 j 16:17	25° \approx 00'01	-4.7m
greatest brilliancy	-4595 Aug 27 j 18:00	16° \approx 09'06	-3.9m	retrograde	-4592 Feb 22 j 10:33	27° \approx 07'31	
	-4595 Sep 07 j 17:18	0° \approx		evening set	-4592 Mar 10 j 17:00	21° \approx 25'25	
morning set	-4595 Sep 08 j 21:29	1° \approx 29'00		inferior conj	-4592 Mar 14 j 22:13	18° \approx 47'21	7°08'05
	-4595 Oct 01 j 11:03	0° \approx		minimum elong	-4592 Mar 15 j 05:52	18° \approx 35'09	7°06'53
				min. Earth dist.	-4592 Mar 15 j 08:15	18° \approx 31'22	0.29400 AU
superior conj	-4595 Oct 19 j 19:28	23° \approx 08'43	0°37'00	morning rise	-4592 Mar 19 j 18:44	15° \approx 46'05	
minimum elong	-4595 Oct 20 j 04:40	23° \approx 37'41	0°36'38	direct	-4592 Apr 05 j 16:50	10° \approx 19'40	
max. Earth dist.	-4595 Oct 24 j 06:17	28° \approx 44'50	1.71017 AU	greatest brilliancy	-4592 Apr 15 j 21:21	12° \approx 11'08	-4.7m
	-4595 Oct 25 j 06:11	0° \approx		desc. node	-4592 Apr 22 j 00:30	14° \approx 50'42	
desc. node	-4595 Nov 05 j 05:34	13° \approx 47'16			-4592 May 13 j 10:22	0° \approx	
	-4595 Nov 18 j 04:13	0° \approx		morning max el	-4592 May 24 j 14:47	10° \approx 10'53	45°54'55
evening rise	-4595 Dec 01 j 11:43	16° \approx 37'23			-4592 Jun 13 j 02:47	0° \approx	
	-4595 Dec 12 j 05:40	0° \approx			-4592 Jul 10 j 01:06	0° \approx	
	-4594 Jan 05 j 11:02	0° \approx			-4592 Aug 04 j 10:30	0° \approx	
	-4594 Jan 29 j 21:42	0° \approx		asc. node	-4592 Aug 12 j 20:08	10° \approx 10'54	
	-4594 Feb 23 j 16:22	0° \approx			-4592 Aug 28 j 23:14	0° \approx	
asc. node	-4594 Feb 25 j 22:29	2° \approx 42'16			-4592 Sep 22 j 00:28	0° \approx	
	-4594 Mar 20 j 23:07	0° \approx			-4592 Oct 15 j 20:59	0° \approx	
	-4594 Apr 16 j 00:41	0° \approx			-4592 Nov 08 j 17:33	0° \approx	
	-4594 May 13 j 13:00	0° \approx		morning set	-4592 Nov 24 j 22:22	20° \approx 17'49	
evening max el	-4594 May 29 j 06:30	15° \approx 48'39	45°49'58	desc. node	-4592 Dec 02 j 17:57	0° \approx 03'44	
	-4594 Jun 14 j 04:24	0° \approx			-4592 Dec 02 j 16:45	0° \approx	
desc. node	-4594 Jun 17 j 21:00	2° \approx 54'20			-4592 Dec 26 j 19:12	0° \approx	
greatest brilliancy	-4594 Jul 08 j 02:11	14° \approx 30'12	-4.8m				
retrograde	-4594 Jul 17 j 12:52	16° \approx 06'51		superior conj	-4591 Jan 05 j 13:57	12° \approx 07'50	-1°07'21
evening set	-4594 Aug 04 j 02:49	10° \approx 22'56		minimum elong	-4591 Jan 05 j 03:46	11° \approx 36'18	1°07'16
inferior conj	-4594 Aug 07 j 09:30	8° \approx 25'25	-8°46'36	max. Earth dist.	-4591 Jan 09 j 09:43	16° \approx 51'59	1.72573 AU
minimum elong	-4594 Aug 07 j 05:31	8° \approx 31'27	8°46'10		-4591 Jan 20 j 00:32	0° \approx	
min. Earth dist.	-4594 Aug 07 j 16:06	8° \approx 15'26	0.27187 AU		-4591 Feb 13 j 08:31	0° \approx	
morning rise	-4594 Aug 10 j 08:06	6° \approx 39'36		evening rise	-4591 Feb 13 j 12:39	0° \approx 12'42	
direct	-4594 Aug 28 j 05:24	0° \approx 40'05		greatest brilliancy	-4591 Feb 24 j 16:58	13° \approx 56'50	-3.9m

	-4591 Mar 09 j 19:30	0°𐌷			-4589 Aug 15 j 06:01	0°𐌹	
asc. node	-4591 Mar 25 j 10:56	19°𐌷05'24		asc. node	-4589 Sep 10 j 07:49	29°𐌹12'47	
	-4591 Apr 03 j 10:17	0°𐌿			-4589 Sep 11 j 00:01	0°𐌾	
	-4591 Apr 28 j 05:57	0°𐌸			-4589 Oct 06 j 02:26	0°𐌹	
	-4591 May 23 j 08:10	0°𐌹			-4589 Oct 30 j 12:36	0°𐌽	
	-4591 Jun 17 j 20:37	0°𐌾			-4589 Nov 23 j 17:44	0°𐌽	
	-4591 Jul 14 j 04:24	0°𐌹			-4589 Dec 17 j 23:18	0°𐌾	
desc. node	-4591 Jul 15 j 08:27	1°𐌹17'53		desc. node	-4589 Dec 31 j 06:13	16°𐌾24'18	
evening max el	-4591 Aug 10 j 23:53	29°𐌹32'54	47°18'56		-4588 Jan 11 j 07:02	0°𐌸	
	-4591 Aug 11 j 10:47	0°𐌽			-4588 Feb 04 j 16:36	0°𐌾	
	-4591 Sep 19 j 08:20	0°𐌽		morning set	-4588 Feb 08 j 22:47	5°𐌾13'43	
greatest brilliancy	-4591 Sep 21 j 06:44	0°𐌽43'27	-4.9m		-4588 Feb 29 j 03:02	0°𐌾	
retrograde	-4591 Sep 30 j 15:04	2°𐌽23'58					
	-4591 Oct 11 j 11:10	30°𐌹𐌽		superior conj	-4588 Mar 17 j 07:40	21°𐌾𐌾05'55	-1°10'03
evening set	-4591 Oct 15 j 19:48	27°𐌽49'58		minimum elong	-4588 Mar 17 j 15:37	21°𐌾𐌾30'21	1°10'00
inferior conj	-4591 Oct 21 j 05:28	24°𐌽37'23	-3°43'45	max. Earth dist.	-4588 Mar 17 j 00:56	20°𐌾𐌾45'18	1.73704 AU
minimum elong	-4591 Oct 21 j 13:15	24°𐌽25'27	3°41'25		-4588 Mar 24 j 13:43	0°𐌷	
min. Earth dist.	-4591 Oct 21 j 01:22	24°𐌽43'41	0.26421 AU		-4588 Apr 18 j 00:17	0°𐌿	
morning rise	-4591 Oct 27 j 06:50	21°𐌽03'59		asc. node	-4588 Apr 21 j 23:27	4°𐌿𐌹52'09	
asc. node	-4591 Nov 05 j 04:07	17°𐌽36'02		evening rise	-4588 Apr 22 j 10:56	5°𐌿𐌹27'23	
direct	-4591 Nov 10 j 09:51	17°𐌽01'42			-4588 May 12 j 10:38	0°𐌸	
greatest brilliancy	-4591 Nov 20 j 10:04	18°𐌽56'14	-4.9m		-4588 Jun 05 j 21:01	0°𐌹	
	-4591 Dec 08 j 22:05	0°𐌽			-4588 Jun 30 j 08:24	0°𐌾	
morning max el	-4591 Dec 30 j 10:53	19°𐌽25'11	46°28'36		-4588 Jul 24 j 22:49	0°𐌹	
	-4590 Jan 09 j 19:11	0°𐌾		desc. node	-4588 Aug 11 j 20:23	21°𐌹𐌾38'16	
	-4590 Feb 06 j 06:49	0°𐌸			-4588 Aug 18 j 19:36	0°𐌽	
desc. node	-4590 Feb 25 j 03:59	21°𐌸𐌸30'17			-4588 Sep 13 j 04:46	0°𐌽	
	-4590 Mar 04 j 12:23	0°𐌾			-4588 Oct 09 j 17:20	0°𐌾	
	-4590 Mar 30 j 03:03	0°𐌾		evening max el	-4588 Oct 22 j 01:02	13°𐌾𐌾02'41	47°24'06
	-4590 Apr 24 j 07:20	0°𐌷			-4588 Nov 08 j 21:22	0°𐌸	
	-4590 May 19 j 02:49	0°𐌿		greatest brilliancy	-4588 Dec 01 j 06:00	14°𐌸𐌸47'00	-4.9m
	-4590 Jun 12 j 14:16	0°𐌸		asc. node	-4588 Dec 02 j 15:24	15°𐌸𐌸18'16	
asc. node	-4590 Jun 17 j 22:06	6°𐌸34'42		retrograde	-4588 Dec 12 j 03:17	17°𐌸𐌸02'56	
morning set	-4590 Jun 26 j 14:04	17°𐌸19'00		evening set	-4588 Dec 28 j 00:14	11°𐌸𐌸56'24	
	-4590 Jul 06 j 18:38	0°𐌹		min. Earth dist.	-4587 Jan 01 j 01:48	9°𐌸𐌸25'30	0.28072 AU
max. Earth dist.	-4590 Jul 30 j 15:22	29°𐌹𐌹53'04	1.71463 AU	inferior conj	-4587 Jan 02 j 03:31	8°𐌸𐌸44'32	6°30'13
	-4590 Jul 30 j 17:34	0°𐌾		minimum elong	-4587 Jan 01 j 18:29	8°𐌸𐌸58'55	6°28'18
				morning rise	-4587 Jan 06 j 13:29	6°𐌸𐌸00'04	
superior conj	-4590 Aug 02 j 20:16	3°𐌾𐌾54'44	1°20'39	direct	-4587 Jan 23 j 01:42	0°𐌸𐌸40'16	
minimum elong	-4590 Aug 02 j 15:11	3°𐌾𐌾38'45	1°20'49	greatest brilliancy	-4587 Jan 31 j 18:04	2°𐌸𐌸05'08	-4.8m
	-4590 Aug 23 j 13:36	0°𐌹			-4587 Mar 12 j 02:54	0°𐌾	
evening rise	-4590 Sep 11 j 02:49	23°𐌹𐌾21'50		morning max el	-4587 Mar 12 j 22:56	0°𐌾𐌾47'40	45°54'58
	-4590 Sep 16 j 09:25	0°𐌽		desc. node	-4587 Mar 24 j 15:27	12°𐌾𐌾21'20	
desc. node	-4590 Oct 07 j 19:08	26°𐌽𐌽52'04			-4587 Apr 10 j 08:59	0°𐌾	
	-4590 Oct 10 j 07:10	0°𐌽			-4587 May 07 j 05:25	0°𐌷	
	-4590 Nov 03 j 08:11	0°𐌾			-4587 Jun 01 j 22:40	0°𐌿	
	-4590 Nov 27 j 13:47	0°𐌸			-4587 Jun 26 j 22:11	0°𐌸	
	-4590 Dec 22 j 02:39	0°𐌾		asc. node	-4587 Jul 15 j 10:21	22°𐌸40'34	
	-4589 Jan 16 j 04:41	0°𐌾			-4587 Jul 21 j 08:29	0°𐌹	
asc. node	-4589 Jan 28 j 12:28	14°𐌾𐌾21'05			-4587 Aug 14 j 09:18	0°𐌾	
	-4589 Feb 11 j 07:45	0°𐌷		greatest brilliancy	-4587 Aug 26 j 23:13	15°𐌾𐌾49'48	-3.9m
	-4589 Mar 11 j 17:40	0°𐌿		morning set	-4587 Sep 06 j 09:25	28°𐌾𐌾59'19	
evening max el	-4589 Mar 15 j 23:58	4°𐌿𐌹07'16	45°05'48		-4587 Sep 07 j 04:38	0°𐌹	
	-4589 Apr 19 j 14:25	0°𐌸			-4587 Sep 30 j 22:24	0°𐌽	
greatest brilliancy	-4589 Apr 22 j 13:35	1°𐌸11'05	-4.7m				
retrograde	-4589 May 03 j 04:11	3°𐌸10'35		superior conj	-4587 Oct 17 j 04:23	20°𐌽𐌽29'56	0°40'33
	-4589 May 16 j 00:04	30°𐌹𐌹		minimum elong	-4587 Oct 17 j 14:13	21°𐌽𐌽00'53	0°40'12
evening set	-4589 May 17 j 23:43	28°𐌹59'53		max. Earth dist.	-4587 Oct 21 j 11:19	25°𐌽𐌽53'55	1.70983 AU
desc. node	-4589 May 20 j 11:44	27°𐌹36'23			-4587 Oct 24 j 17:33	0°𐌽	
inferior conj	-4589 May 24 j 11:27	25°𐌹12'26	-0°55'49	desc. node	-4587 Nov 04 j 07:34	13°𐌽𐌽17'56	
minimum elong	-4589 May 24 j 09:23	25°𐌹15'36	0°55'07		-4587 Nov 17 j 15:35	0°𐌾	
min. Earth dist.	-4589 May 25 j 02:18	24°𐌹49'40	0.28503 AU	evening rise	-4587 Nov 28 j 21:26	14°𐌾𐌾02'33	
morning rise	-4589 May 30 j 18:22	21°𐌹29'45			-4587 Dec 11 j 17:02	0°𐌸	
direct	-4589 Jun 15 j 03:15	16°𐌹59'43			-4586 Jan 04 j 22:27	0°𐌾	
greatest brilliancy	-4589 Jun 26 j 08:08	19°𐌹15'24	-4.8m		-4586 Jan 29 j 09:19	0°𐌾	
	-4589 Jul 14 j 08:28	0°𐌸			-4586 Feb 23 j 04:26	0°𐌷	
morning max el	-4589 Aug 04 j 00:47	18°𐌸27'31	46°28'09	asc. node	-4586 Feb 25 j 00:42	2°𐌷12'36	

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

	-4586 Mar 20 j 12:06	0°♄				-4584 Aug 28 j 11:20	0°♄		
	-4586 Apr 15 j 15:31	0°♄				-4584 Sep 21 j 12:13	0°♄		
	-4586 May 13 j 08:08	0°♄				-4584 Oct 15 j 08:30	0°♄		
evening max el	-4586 May 26 j 19:32	13°♄27'22	45°47'02			-4584 Nov 08 j 04:55	0°♄		
	-4586 Jun 14 j 17:15	0°♄			morning set	-4584 Nov 22 j 08:01	17°♄42'34		
desc. node	-4586 Jun 16 j 23:06	1°♄41'36			desc. node	-4584 Dec 01 j 19:57	29°♄34'55		
greatest brilliancy	-4586 Jul 05 j 14:15	12°♄05'54	-4.8m			-4584 Dec 02 j 04:00	0°♄		
retrograde	-4586 Jul 15 j 00:34	13°♄42'28				-4584 Dec 26 j 06:21	0°♄		
evening set	-4586 Aug 01 j 12:13	8°♄03'27							
inferior conj	-4586 Aug 04 j 22:21	6°♄01'01	-8°41'19		superior conj	-4583 Jan 03 j 02:11	9°♄42'38	-1°05'09	
minimum elong	-4586 Aug 04 j 17:29	6°♄08'23	8°40'45		minimum elong	-4583 Jan 02 j 15:40	9°♄10'03	1°05'02	
min. Earth dist.	-4586 Aug 05 j 05:16	5°♄50'33	0.27228 AU		max. Earth dist.	-4583 Jan 06 j 21:56	14°♄26'51	1.72516 AU	
morning rise	-4586 Aug 07 j 22:34	4°♄12'41				-4583 Jan 19 j 11:36	0°♄		
	-4586 Aug 16 j 10:06	30°♄			evening rise	-4583 Feb 11 j 04:15	27°♄59'09		
direct	-4586 Aug 25 j 18:23	28°♄14'47				-4583 Feb 12 j 19:33	0°♄		
	-4586 Sep 04 j 10:12	0°♄			greatest brilliancy	-4583 Feb 23 j 01:35	12°♄35'44	-3.9m	
greatest brilliancy	-4586 Sep 05 j 14:15	0°♄25'51	-4.9m			-4583 Mar 09 j 06:36	0°♄		
asc. node	-4586 Oct 07 j 19:07	24°♄00'20			asc. node	-4583 Mar 24 j 13:04	18°♄37'40		
	-4586 Oct 13 j 20:35	0°♄				-4583 Apr 02 j 21:38	0°♄		
morning max el	-4586 Oct 15 j 12:24	1°♄41'27	46°51'30			-4583 Apr 27 j 17:48	0°♄		
	-4586 Nov 10 j 10:31	0°♄				-4583 May 22 j 20:54	0°♄		
	-4586 Dec 06 j 03:07	0°♄				-4583 Jun 17 j 10:50	0°♄		
	-4586 Dec 31 j 05:38	0°♄				-4583 Jul 13 j 21:27	0°♄		
	-4585 Jan 25 j 03:46	0°♄			desc. node	-4583 Jul 14 j 10:35	0°♄36'16		
desc. node	-4585 Jan 27 j 18:19	3°♄08'33			evening max el	-4583 Aug 08 j 13:09	27°♄07'24	47°16'35	
	-4585 Feb 18 j 23:57	0°♄				-4583 Aug 11 j 11:18	0°♄		
	-4585 Mar 15 j 18:04	0°♄			greatest brilliancy	-4583 Sep 18 j 19:52	28°♄13'16	-4.9m	
	-4585 Apr 09 j 09:25	0°♄			retrograde	-4583 Sep 28 j 03:47	29°♄53'19		
morning set	-4585 Apr 18 j 07:06	10°♄53'05			evening set	-4583 Oct 13 j 10:37	25°♄15'42		
	-4585 May 03 j 21:20	0°♄			inferior conj	-4583 Oct 18 j 17:38	22°♄07'17	-4°05'57	
max. Earth dist.	-4585 May 20 j 03:52	20°♄02'05	1.73221 AU		minimum elong	-4583 Oct 19 j 02:03	21°♄54'24	4°03'28	
asc. node	-4585 May 20 j 11:51	20°♄26'46			min. Earth dist.	-4583 Oct 18 j 14:34	22°♄11'58	0.26413 AU	
					morning rise	-4583 Oct 24 j 17:36	18°♄36'23		
superior conj	-4585 May 24 j 00:53	24°♄49'10	0°08'20		asc. node	-4583 Nov 04 j 06:09	14°♄48'39		
minimum elong	-4585 May 23 j 23:15	24°♄44'06	0°08'19		direct	-4583 Nov 07 j 22:10	14°♄31'47		
behind sun begin	-4585 May 23 j 04:15	23°♄45'26			greatest brilliancy	-4583 Nov 17 j 23:23	16°♄27'44	-4.9m	
behind sun end	-4585 May 24 j 18:15	25°♄42'47				-4583 Dec 09 j 12:25	0°♄		
	-4585 May 28 j 05:31	0°♄			morning max el	-4583 Dec 28 j 01:29	17°♄04'08	46°29'56	
	-4585 Jun 21 j 10:11	0°♄				-4582 Jan 09 j 14:52	0°♄		
evening rise	-4585 Jun 28 j 19:05	9°♄10'02				-4582 Feb 05 j 22:04	0°♄		
	-4585 Jul 15 j 12:22	0°♄			desc. node	-4582 Feb 24 j 06:10	20°♄57'08		
	-4585 Aug 08 j 13:52	0°♄				-4582 Mar 04 j 01:39	0°♄		
	-4585 Sep 01 j 16:46	0°♄				-4582 Mar 29 j 15:13	0°♄		
desc. node	-4585 Sep 09 j 08:45	9°♄30'13				-4582 Apr 23 j 18:50	0°♄		
	-4585 Sep 25 j 23:07	0°♄				-4582 May 18 j 13:57	0°♄		
	-4585 Oct 20 j 11:32	0°♄				-4582 Jun 12 j 01:13	0°♄		
	-4585 Nov 14 j 11:22	0°♄			asc. node	-4582 Jun 17 j 00:18	6°♄07'47		
	-4585 Dec 10 j 12:02	0°♄			morning set	-4582 Jun 24 j 07:27	15°♄10'09		
asc. node	-4585 Dec 31 j 02:56	21°♄59'05				-4582 Jul 06 j 05:31	0°♄		
evening max el	-4584 Jan 01 j 17:50	23°♄36'26	45°59'34		max. Earth dist.	-4582 Jul 28 j 02:48	27°♄23'52	1.71520 AU	
	-4584 Jan 08 j 08:08	0°♄				-4582 Jul 30 j 04:31	0°♄		
greatest brilliancy	-4584 Feb 09 j 09:19	22°♄52'18	-4.7m						
retrograde	-4584 Feb 20 j 03:42	25°♄00'35			superior conj	-4582 Jul 31 j 11:24	1°♄37'00	1°19'38	
evening set	-4584 Mar 08 j 12:11	19°♄14'45			minimum elong	-4582 Jul 31 j 05:43	1°♄19'07	1°19'47	
inferior conj	-4584 Mar 12 j 15:24	16°♄39'48	7°17'03			-4582 Aug 23 j 00:40	0°♄		
minimum elong	-4584 Mar 12 j 22:41	16°♄28'12	7°15'57		evening rise	-4582 Sep 08 j 13:30	20°♄49'13		
min. Earth dist.	-4584 Mar 13 j 00:38	16°♄25'06	0.29400 AU			-4582 Sep 15 j 20:39	0°♄		
morning rise	-4584 Mar 17 j 09:08	13°♄42'36			desc. node	-4582 Oct 06 j 21:09	26°♄22'44		
direct	-4584 Apr 03 j 09:03	8°♄12'02				-4582 Oct 09 j 18:33	0°♄		
greatest brilliancy	-4584 Apr 13 j 13:15	10°♄03'04	-4.7m			-4582 Nov 02 j 19:45	0°♄		
desc. node	-4584 Apr 21 j 02:30	13°♄27'03				-4582 Nov 27 j 01:34	0°♄		
	-4584 May 13 j 13:49	0°♄				-4582 Dec 21 j 14:52	0°♄		
morning max el	-4584 May 22 j 07:02	8°♄01'33	45°54'16			-4581 Jan 15 j 17:49	0°♄		
	-4584 Jun 12 j 19:44	0°♄			asc. node	-4581 Jan 27 j 14:41	13°♄47'29		
	-4584 Jul 09 j 15:06	0°♄				-4581 Feb 10 j 22:59	0°♄		
	-4584 Aug 03 j 23:13	0°♄				-4581 Mar 11 j 14:56	0°♄		
asc. node	-4584 Aug 11 j 22:20	9°♄39'38			evening max el	-4581 Mar 13 j 16:34	1°♄59'04	45°06'05	

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

greatest brilliancy	-4581 Apr 20 j 04:39	29° Υ 00'41	-4.7m	morning set	-4579 Sep 03 j 21:49	26° Θ 32'12	
	-4581 Apr 23 j 08:59	0° \mathcal{B}			-4579 Sep 06 j 15:37	0° Ω	
retrograde	-4581 Apr 30 j 19:32	1° \mathcal{B} 00'09			-4579 Sep 30 j 09:24	0° \mathcal{M}	
	-4581 May 07 j 23:40	30° $\mathcal{R}\Upsilon$					
evening set	-4581 May 15 j 15:43	26° Υ 48'54		superior conj	-4579 Oct 14 j 13:47	17° \mathcal{M} 53'45	0°44'00
desc. node	-4581 May 19 j 13:49	24° Υ 34'39		minimum elong	-4579 Oct 15 j 00:08	18° \mathcal{M} 26'22	0°43'37
inferior conj	-4581 May 22 j 03:00	23° Υ 01'23	-0°35'38	max. Earth dist.	-4579 Oct 18 j 14:24	22° \mathcal{M} 57'56	1.70953 AU
minimum elong	-4581 May 22 j 01:41	23° Υ 03'25	0°35'10		-4579 Oct 24 j 04:33	0° $\underline{\mathcal{A}}$	
min. Earth dist.	-4581 May 22 j 18:05	22° Υ 38'12	0.28545 AU	desc. node	-4579 Nov 03 j 09:39	12° $\underline{\mathcal{A}}$ 49'53	
morning rise	-4581 May 28 j 11:00	19° Υ 16'50			-4579 Nov 17 j 02:36	0° \mathcal{M}	
direct	-4581 Jun 12 j 19:47	14° Υ 48'04		evening rise	-4579 Nov 26 j 07:05	11° \mathcal{M} 28'30	
greatest brilliancy	-4581 Jun 23 j 23:14	17° Υ 02'26	-4.8m		-4579 Dec 11 j 04:05	0° \mathcal{A}	
	-4581 Jul 14 j 19:46	0° \mathcal{B}			-4578 Jan 04 j 09:36	0° \mathcal{B}	
morning max el	-4581 Aug 01 j 16:02	16° \mathcal{B} 11'53	46°26'47		-4578 Jan 28 j 20:41	0° \approx	
	-4581 Aug 15 j 00:30	0° \mathcal{I}			-4578 Feb 22 j 16:16	0° \mathcal{H}	
asc. node	-4581 Sep 09 j 10:00	28° \mathcal{I} 35'59		asc. node	-4578 Feb 24 j 02:48	1° \mathcal{H} 43'20	
	-4581 Sep 10 j 14:43	0° Θ			-4578 Mar 20 j 00:52	0° Υ	
	-4581 Oct 05 j 15:36	0° Ω			-4578 Apr 15 j 06:13	0° \mathcal{B}	
	-4581 Oct 30 j 00:59	0° \mathcal{M}			-4578 May 13 j 03:28	0° \mathcal{I}	
	-4581 Nov 23 j 05:38	0° $\underline{\mathcal{A}}$		evening max el	-4578 May 24 j 08:07	11° \mathcal{I} 06'06	45°44'12
	-4581 Dec 17 j 10:50	0° \mathcal{M}			-4578 Jun 15 j 09:46	0° Θ	
desc. node	-4581 Dec 30 j 08:25	15° \mathcal{M} 56'08		desc. node	-4578 Jun 16 j 01:19	0° Θ 27'56	
	-4580 Jan 10 j 18:16	0° \mathcal{A}		greatest brilliancy	-4578 Jul 03 j 02:01	9° Θ 42'26	-4.8m
	-4580 Feb 04 j 03:33	0° \mathcal{B}		retrograde	-4578 Jul 12 j 12:35	11° Θ 19'36	
morning set	-4580 Feb 06 j 13:39	2° \mathcal{B} 58'25		evening set	-4578 Jul 29 j 21:24	5° Θ 45'23	
	-4580 Feb 28 j 13:50	0° \approx		inferior conj	-4578 Aug 02 j 11:15	3° Θ 37'50	-8°35'03
				minimum elong	-4578 Aug 02 j 05:33	3° Θ 46'26	8°34'21
superior conj	-4580 Mar 15 j 01:27	19° \approx 00'12	-1°11'42	min. Earth dist.	-4578 Aug 02 j 18:29	3° Θ 26'53	0.27271 AU
minimum elong	-4580 Mar 15 j 09:08	19° \approx 23'50	1°11'40	morning rise	-4578 Aug 05 j 13:29	1° Θ 46'33	
max. Earth dist.	-4580 Mar 14 j 23:52	18° \approx 55'22	1.73689 AU		-4578 Aug 08 j 17:13	30° $\mathcal{R}\mathcal{I}$	
	-4580 Mar 24 j 00:27	0° \mathcal{H}		direct	-4578 Aug 23 j 07:25	25° \mathcal{I} 50'29	
	-4580 Apr 17 j 11:04	0° Υ		greatest brilliancy	-4578 Sep 03 j 05:09	28° \mathcal{I} 02'56	-4.9m
evening rise	-4580 Apr 20 j 06:07	3° Υ 25'47			-4578 Sep 07 j 13:03	0° Θ	
asc. node	-4580 Apr 21 j 01:28	4° Υ 25'08		asc. node	-4578 Oct 06 j 21:08	23° Θ 02'59	
	-4580 May 11 j 21:36	0° \mathcal{B}		morning max el	-4578 Oct 13 j 01:09	29° Θ 13'27	46°51'40
	-4580 Jun 05 j 08:16	0° \mathcal{I}			-4578 Oct 13 j 19:17	0° Ω	
	-4580 Jun 29 j 20:06	0° Θ			-4578 Nov 10 j 02:53	0° \mathcal{M}	
	-4580 Jul 24 j 11:11	0° Ω			-4578 Dec 05 j 17:04	0° $\underline{\mathcal{A}}$	
desc. node	-4580 Aug 10 j 22:36	21° Ω 05'41			-4578 Dec 30 j 18:21	0° \mathcal{M}	
	-4580 Aug 18 j 08:59	0° \mathcal{M}			-4577 Jan 24 j 15:42	0° \mathcal{A}	
	-4580 Sep 12 j 19:52	0° $\underline{\mathcal{A}}$		desc. node	-4577 Jan 26 j 20:27	2° \mathcal{A} 39'11	
	-4580 Oct 09 j 12:11	0° \mathcal{M}			-4577 Feb 18 j 11:23	0° \mathcal{B}	
evening max el	-4580 Oct 19 j 17:00	10° \mathcal{M} 44'31	47°25'47		-4577 Mar 15 j 05:08	0° \approx	
	-4580 Nov 09 j 07:12	0° \mathcal{A}			-4577 Apr 08 j 20:14	0° \mathcal{H}	
greatest brilliancy	-4580 Nov 28 j 22:55	12° \mathcal{A} 29'54	-4.9m	morning set	-4577 Apr 16 j 02:02	8° \mathcal{H} 51'12	
asc. node	-4580 Dec 01 j 17:37	13° \mathcal{A} 28'20			-4577 May 03 j 08:02	0° Υ	
retrograde	-4580 Dec 09 j 19:00	14° \mathcal{A} 44'25		max. Earth dist.	-4577 May 18 j 01:57	18° Υ 09'13	1.73267 AU
evening set	-4580 Dec 25 j 13:01	9° \mathcal{A} 42'53		asc. node	-4577 May 19 j 14:03	20° Υ 00'32	
min. Earth dist.	-4580 Dec 29 j 16:54	7° \mathcal{A} 08'37	0.27991 AU				
inferior conj	-4580 Dec 30 j 18:51	6° \mathcal{A} 27'11	6°17'10	superior conj	-4577 May 21 j 19:46	22° Υ 46'17	0°05'17
minimum elong	-4580 Dec 30 j 09:43	6° \mathcal{A} 41'45	6°15'10	minimum elong	-4577 May 21 j 18:43	22° Υ 43'02	0°05'19
morning rise	-4579 Jan 04 j 07:12	3° \mathcal{A} 39'07		behind sun begin	-4577 May 20 j 21:45	21° Υ 38'19	
	-4579 Jan 11 j 19:59	30° $\mathcal{R}\mathcal{M}$		behind sun end	-4577 May 22 j 15:41	23° Υ 47'47	
direct	-4579 Jan 20 j 16:20	28° \mathcal{M} 24'29			-4577 May 27 j 16:13	0° \mathcal{B}	
greatest brilliancy	-4579 Jan 29 j 08:27	29° \mathcal{M} 49'03	-4.8m		-4577 Jun 20 j 21:01	0° \mathcal{I}	
	-4579 Jan 29 j 22:04	0° \mathcal{A}		evening rise	-4577 Jun 26 j 13:08	7° \mathcal{I} 03'05	
morning max el	-4579 Mar 10 j 13:07	28° \mathcal{A} 32'43	45°55'38		-4577 Jul 14 j 23:26	0° Θ	
	-4579 Mar 12 j 01:29	0° \mathcal{B}			-4577 Aug 08 j 01:13	0° Ω	
desc. node	-4579 Mar 23 j 17:31	11° \mathcal{B} 38'33			-4577 Sep 01 j 04:27	0° \mathcal{M}	
	-4579 Apr 10 j 00:42	0° \approx		desc. node	-4577 Sep 08 j 10:46	8° \mathcal{M} 59'53	
	-4579 May 06 j 18:43	0° \mathcal{H}			-4577 Sep 25 j 11:13	0° $\underline{\mathcal{A}}$	
	-4579 Jun 01 j 10:48	0° Υ			-4577 Oct 20 j 00:16	0° \mathcal{M}	
	-4579 Jun 26 j 09:42	0° \mathcal{B}			-4577 Nov 14 j 01:12	0° \mathcal{A}	
asc. node	-4579 Jul 14 j 12:32	22° \mathcal{B} 12'34			-4577 Dec 10 j 04:20	0° \mathcal{B}	
	-4579 Jul 20 j 19:41	0° \mathcal{I}		asc. node	-4577 Dec 30 j 05:07	21° \mathcal{B} 12'21	
	-4579 Aug 13 j 20:20	0° Θ		evening max el	-4577 Dec 30 j 08:59	21° \mathcal{B} 21'58	46°02'38
greatest brilliancy	-4579 Aug 26 j 07:00	15° Θ 39'35	-3.9m		-4576 Jan 08 j 08:46	0° \approx	

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

greatest brilliancy	-4576 Feb 07 j 01:47	20° \approx 44'43	-4.8m	superior conj	-4574 Jul 29 j 02:46	29° Π 19'57	1°18'30
retrograde	-4576 Feb 17 j 21:21	22° \approx 54'29		minimum elong	-4574 Jul 28 j 20:30	29° Π 00'17	1°18'37
evening set	-4576 Mar 06 j 07:23	17° \approx 04'52			-4574 Jul 29 j 15:31	0° Θ	
inferior conj	-4576 Mar 10 j 08:40	14° \approx 32'55	7°25'22		-4574 Aug 22 j 11:47	0° Ω	
minimum elong	-4576 Mar 10 j 15:34	14° \approx 21'57	7°24'22	evening rise	-4574 Sep 06 j 00:25	18° Ω 17'11	
min. Earth dist.	-4576 Mar 10 j 16:49	14° \approx 19'58	0.29401 AU		-4574 Sep 15 j 07:55	0° Π	
morning rise	-4576 Mar 14 j 23:43	11° \approx 39'52		desc. node	-4574 Oct 05 j 23:13	25° Π 53'25	
direct	-4576 Apr 01 j 01:43	6° \approx 05'04			-4574 Oct 09 j 06:01	0° $\underline{\Omega}$	
greatest brilliancy	-4576 Apr 11 j 05:02	7° \approx 55'33	-4.7m		-4574 Nov 02 j 07:25	0° Π	
desc. node	-4576 Apr 20 j 04:37	12° \approx 06'49			-4574 Nov 26 j 13:30	0° \times	
	-4576 May 13 j 15:32	0° \times			-4574 Dec 21 j 03:16	0° Θ	
morning max el	-4576 May 20 j 00:11	5° \times 55'02	45°53'38		-4573 Jan 15 j 07:09	0° \approx	
	-4576 Jun 12 j 12:11	0° Υ		asc. node	-4573 Jan 26 j 16:49	13° \approx 13'13	
	-4576 Jul 09 j 04:47	0° \times			-4573 Feb 10 j 14:29	0° \times	
	-4576 Aug 03 j 11:42	0° Π		evening max el	-4573 Mar 11 j 08:35	29° \times 49'24	45°06'26
asc. node	-4576 Aug 11 j 00:28	9° Π 08'48			-4573 Mar 11 j 13:02	0° Υ	
	-4576 Aug 27 j 23:13	0° Θ		greatest brilliancy	-4573 Apr 17 j 20:22	26° Υ 51'18	-4.7m
	-4576 Sep 20 j 23:47	0° Ω		retrograde	-4573 Apr 28 j 10:39	28° Υ 50'14	
	-4576 Oct 14 j 19:52	0° Π		evening set	-4573 May 13 j 08:06	24° Υ 38'07	
	-4576 Nov 07 j 16:08	0° $\underline{\Omega}$		desc. node	-4573 May 18 j 16:04	21° Υ 32'00	
morning set	-4576 Nov 19 j 17:56	15° $\underline{\Omega}$ 08'23		inferior conj	-4573 May 19 j 18:48	20° Υ 50'52	-0°15'33
desc. node	-4576 Nov 30 j 22:11	29° $\underline{\Omega}$ 07'10		minimum elong	-4573 May 19 j 18:14	20° Υ 51'45	0°15'20
	-4576 Dec 01 j 15:06	0° Π		transit middle	-4573 May 19 j 18:14	20° Υ 51'45	0°15'20
	-4576 Dec 25 j 17:20	0° \times		transit begin	-4573 May 19 j 16:54	20° Υ 53'49	
				transit end	-4573 May 19 j 19:34	20° Υ 49'42	
superior conj	-4576 Dec 31 j 14:29	7° \times 18'04	-1°02'48	min. Earth dist.	-4573 May 20 j 10:23	20° Υ 26'51	0.28589 AU
minimum elong	-4576 Dec 31 j 03:44	6° \times 44'44	1°02'41	morning rise	-4573 May 26 j 03:42	17° Υ 04'30	
max. Earth dist.	-4575 Jan 04 j 11:26	12° \times 06'13	1.72457 AU	direct	-4573 Jun 10 j 12:11	12° Υ 36'48	
	-4575 Jan 18 j 22:29	0° Θ		greatest brilliancy	-4573 Jun 21 j 15:02	14° Υ 50'12	-4.8m
evening rise	-4575 Feb 08 j 20:03	25° Θ 46'43			-4573 Jul 15 j 04:19	0° \times	
	-4575 Feb 12 j 06:25	0° \approx		morning max el	-4573 Jul 30 j 06:35	13° \times 54'02	46°25'22
greatest brilliancy	-4575 Feb 20 j 23:24	10° \approx 41'53	-3.9m		-4573 Aug 14 j 18:46	0° Π	
	-4575 Mar 08 j 17:35	0° \times		asc. node	-4573 Sep 08 j 12:04	27° Π 58'32	
asc. node	-4575 Mar 23 j 15:06	18° \times 09'54			-4573 Sep 10 j 05:28	0° Θ	
	-4575 Apr 02 j 08:55	0° Υ			-4573 Oct 05 j 04:53	0° Ω	
	-4575 Apr 27 j 05:38	0° \times			-4573 Oct 29 j 13:30	0° Π	
	-4575 May 22 j 09:37	0° Π			-4573 Nov 22 j 17:41	0° $\underline{\Omega}$	
	-4575 Jun 17 j 01:06	0° Θ			-4573 Dec 16 j 22:33	0° Π	
desc. node	-4575 Jul 13 j 12:46	29° Θ 54'35		desc. node	-4573 Dec 29 j 10:28	15° Π 26'50	
	-4575 Jul 13 j 14:44	0° Ω			-4572 Jan 10 j 05:41	0° \times	
evening max el	-4575 Aug 06 j 03:12	24° Ω 44'16	47°14'09		-4572 Feb 03 j 14:44	0° Θ	
	-4575 Aug 11 j 12:55	0° Π		morning set	-4572 Feb 04 j 04:26	0° Θ 42'03	
greatest brilliancy	-4575 Sep 16 j 08:32	25° Π 42'53	-4.9m		-4572 Feb 28 j 00:51	0° \approx	
retrograde	-4575 Sep 25 j 16:36	27° Π 22'36					
evening set	-4575 Oct 11 j 01:35	22° Π 41'22		superior conj	-4572 Mar 12 j 19:22	16° \approx 54'18	-1°13'14
inferior conj	-4575 Oct 16 j 05:44	19° Π 37'03	-4°27'42	minimum elong	-4572 Mar 13 j 02:46	17° \approx 17'00	1°13'14
minimum elong	-4575 Oct 16 j 14:44	19° Π 23'19	4°25'05	max. Earth dist.	-4572 Mar 12 j 21:51	17° \approx 01'56	1.73667 AU
min. Earth dist.	-4575 Oct 16 j 03:30	19° Π 40'28	0.26408 AU		-4572 Mar 23 j 11:23	0° \times	
morning rise	-4575 Oct 22 j 04:02	16° Π 08'54			-4572 Apr 16 j 22:03	0° Υ	
asc. node	-4575 Nov 03 j 08:27	12° Π 07'24		evening rise	-4572 Apr 18 j 01:31	1° Υ 24'18	
direct	-4575 Nov 05 j 10:57	12° Π 01'52		asc. node	-4572 Apr 20 j 03:42	3° Υ 58'16	
greatest brilliancy	-4575 Nov 15 j 12:19	13° Π 58'31	-4.9m		-4572 May 11 j 08:45	0° \times	
	-4575 Dec 09 j 23:10	0° $\underline{\Omega}$			-4572 Jun 04 j 19:46	0° Π	
morning max el	-4575 Dec 25 j 16:07	14° $\underline{\Omega}$ 43'03	46°31'19		-4572 Jun 29 j 08:06	0° Θ	
	-4574 Jan 09 j 09:59	0° Π			-4572 Jul 23 j 23:55	0° Ω	
	-4574 Feb 05 j 13:03	0° \times		desc. node	-4572 Aug 10 j 00:36	20° Ω 31'27	
desc. node	-4574 Feb 23 j 08:13	20° \times 23'58			-4572 Aug 17 j 22:48	0° Π	
	-4574 Mar 03 j 14:44	0° Θ			-4572 Sep 12 j 11:31	0° $\underline{\Omega}$	
	-4574 Mar 29 j 03:15	0° \approx			-4572 Oct 09 j 07:54	0° Π	
	-4574 Apr 23 j 06:17	0° \times		evening max el	-4572 Oct 17 j 07:56	8° Π 22'37	47°27'26
	-4574 May 18 j 01:05	0° Υ			-4572 Nov 09 j 20:55	0° \times	
	-4574 Jun 11 j 12:12	0° \times		greatest brilliancy	-4572 Nov 26 j 16:02	10° \times 11'48	-4.9m
asc. node	-4574 Jun 16 j 02:28	5° \times 40'36		asc. node	-4572 Nov 30 j 19:49	11° \times 33'01	
morning set	-4574 Jun 22 j 00:57	13° \times 01'40		retrograde	-4572 Dec 07 j 10:12	12° \times 24'42	
	-4574 Jul 05 j 16:29	0° Π		evening set	-4572 Dec 23 j 01:48	7° \times 27'54	
max. Earth dist.	-4574 Jul 25 j 12:43	24° Π 49'55	1.71576 AU	min. Earth dist.	-4572 Dec 27 j 08:15	4° \times 49'59	0.27912 AU
				inferior conj	-4572 Dec 28 j 10:09	4° \times 08'38	6°03'26

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

minimum elong	-4572 Dec 28 j 00:57	4°♊23'19	6°01'20	minimum elong	-4569 May 19 j 14:18	20°♊41'13	0°02'17
morning rise	-4571 Jan 02 j 00:52	1°♊16'58		behind sun begin	-4569 May 18 j 16:25	19°♊33'43	
	-4571 Jan 04 j 07:46	30°♋♌		behind sun end	-4569 May 20 j 12:10	21°♊48'44	
direct	-4571 Jan 18 j 06:28	26°♌07'15			-4569 May 27 j 03:16	0°♋	
greatest brilliancy	-4571 Jan 26 j 23:28	27°♌32'14	-4.8m		-4569 Jun 20 j 08:10	0°♌	
	-4571 Feb 02 j 01:55	0°♍		evening rise	-4569 Jun 24 j 07:31	4°♌56'16	
morning max el	-4571 Mar 08 j 03:01	26°♍15'50	45°56'29		-4569 Jul 14 j 10:47	0°♍	
	-4571 Mar 11 j 23:38	0°♎			-4569 Aug 07 j 12:51	0°♎	
desc. node	-4571 Mar 22 j 19:36	10°♎55'25			-4569 Aug 31 j 16:26	0°♏	
	-4571 Apr 09 j 16:32	0°♐		desc. node	-4569 Sep 07 j 12:54	8°♏28'57	
	-4571 May 06 j 08:12	0°♑			-4569 Sep 24 j 23:41	0°♐	
	-4571 May 31 j 23:09	0°♒			-4569 Oct 19 j 13:27	0°♑	
	-4571 Jun 25 j 21:27	0°♓			-4569 Nov 13 j 15:37	0°♒	
asc. node	-4571 Jul 13 j 14:37	21°♓43'29			-4569 Dec 09 j 21:28	0°♓	
	-4571 Jul 20 j 07:08	0°♊		evening max el	-4569 Dec 28 j 00:50	19°♓07'38	46°05'49
	-4571 Aug 13 j 07:42	0°♋		asc. node	-4569 Dec 29 j 07:14	20°♓23'09	
greatest brilliancy	-4571 Aug 25 j 15:39	15°♋31'05	-3.9m		-4568 Jan 08 j 11:26	0°♌	
morning set	-4571 Sep 01 j 10:12	24°♋03'51		greatest brilliancy	-4568 Feb 04 j 17:50	18°♌34'55	-4.8m
	-4571 Sep 06 j 02:59	0°♌		retrograde	-4568 Feb 15 j 15:01	20°♌46'15	
	-4571 Sep 29 j 20:47	0°♍		evening set	-4568 Mar 04 j 02:16	14°♌53'11	
				inferior conj	-4568 Mar 08 j 01:41	12°♌23'56	7°33'05
superior conj	-4571 Oct 11 j 22:57	15°♍15'31	0°47'21	minimum elong	-4568 Mar 08 j 08:08	12°♌13'40	7°32'13
minimum elong	-4571 Oct 12 j 09:43	15°♍49'29	0°46'59	min. Earth dist.	-4568 Mar 08 j 08:21	12°♌13'21	0.29397 AU
max. Earth dist.	-4571 Oct 15 j 14:45	19°♍52'09	1.70927 AU	morning rise	-4568 Mar 12 j 14:03	9°♌35'03	
	-4571 Oct 23 j 15:57	0°♎		direct	-4568 Mar 29 j 18:41	3°♌56'12	
desc. node	-4571 Nov 02 j 11:51	12°♎21'00		greatest brilliancy	-4568 Apr 08 j 19:56	5°♌45'29	-4.7m
	-4571 Nov 16 j 14:00	0°♏		desc. node	-4568 Apr 19 j 06:55	10°♌47'51	
evening rise	-4571 Nov 23 j 16:16	8°♏51'47			-4568 May 13 j 16:30	0°♍	
	-4571 Dec 10 j 15:32	0°♐		morning max el	-4568 May 17 j 17:32	3°♍47'52	45°53'03
	-4570 Jan 03 j 21:09	0°♑			-4568 Jun 12 j 04:44	0°♒	
	-4570 Jan 28 j 08:29	0°♒			-4568 Jul 08 j 18:40	0°♓	
	-4570 Feb 22 j 04:33	0°♓			-4568 Aug 03 j 00:24	0°♊	
asc. node	-4570 Feb 23 j 04:54	1°♓12'46		asc. node	-4568 Aug 10 j 02:34	8°♊37'14	
	-4570 Mar 19 j 14:07	0°♔			-4568 Aug 27 j 11:18	0°♋	
	-4570 Apr 14 j 21:28	0°♕			-4568 Sep 20 j 11:32	0°♌	
	-4570 May 12 j 23:41	0°♍			-4568 Oct 14 j 07:26	0°♍	
evening max el	-4570 May 21 j 21:04	8°♍45'15	45°41'37		-4568 Nov 07 j 03:36	0°♎	
desc. node	-4570 Jun 15 j 03:24	29°♍11'15		morning set	-4568 Nov 17 j 03:43	12°♎32'56	
	-4570 Jun 16 j 08:14	0°♏		desc. node	-4568 Nov 30 j 00:14	28°♎38'01	
greatest brilliancy	-4570 Jun 30 j 13:07	7°♏18'05	-4.8m		-4568 Dec 01 j 02:29	0°♏	
retrograde	-4570 Jul 10 j 01:17	8°♏56'48			-4568 Dec 25 j 04:38	0°♐	
evening set	-4570 Jul 27 j 06:31	3°♏27'21					
inferior conj	-4570 Jul 31 j 00:17	1°♏14'23	-8°27'47	superior conj	-4568 Dec 29 j 02:06	4°♐50'13	-1°00'19
minimum elong	-4570 Jul 30 j 17:50	1°♏24'07	8°26'56	minimum elong	-4568 Dec 28 j 15:13	4°♐16'25	1°00'09
min. Earth dist.	-4570 Jul 31 j 07:26	1°♏03'36	0.27318 AU	max. Earth dist.	-4567 Jan 02 j 01:32	9°♐46'14	1.72402 AU
	-4570 Aug 02 j 01:45	30°♑♒			-4567 Jan 18 j 09:43	0°♓	
morning rise	-4570 Aug 03 j 04:56	29°♒19'47		evening rise	-4567 Feb 06 j 11:13	23°♓31'13	
direct	-4570 Aug 20 j 21:02	23°♒25'55			-4567 Feb 11 j 17:37	0°♓	
greatest brilliancy	-4570 Aug 31 j 19:52	25°♒39'30	-4.9m	greatest brilliancy	-4567 Feb 18 j 23:19	8°♓53'31	-3.9m
	-4570 Sep 09 j 09:34	0°♓			-4567 Mar 08 j 04:53	0°♔	
asc. node	-4570 Oct 05 j 23:27	22°♓06'33		asc. node	-4567 Mar 22 j 17:20	17°♔41'49	
morning max el	-4570 Oct 10 j 15:00	26°♓47'11	46°51'32		-4567 Apr 01 j 20:32	0°♕	
	-4570 Oct 13 j 17:33	0°♔			-4567 Apr 26 j 17:49	0°♖	
	-4570 Nov 09 j 19:26	0°♕			-4567 May 21 j 22:44	0°♗	
	-4570 Dec 05 j 07:22	0°♖			-4567 Jun 16 j 15:48	0°♘	
	-4570 Dec 30 j 07:26	0°♗		desc. node	-4567 Jul 12 j 14:51	29°♘11'35	
	-4569 Jan 24 j 04:01	0°♘			-4567 Jul 13 j 08:36	0°♙	
desc. node	-4569 Jan 25 j 22:31	2°♘08'23		evening max el	-4567 Aug 03 j 17:46	22°♙22'11	47°11'44
	-4569 Feb 17 j 23:10	0°♚			-4567 Aug 11 j 16:04	0°♚	
	-4569 Mar 14 j 16:34	0°♛		greatest brilliancy	-4567 Sep 13 j 21:20	23°♚13'06	-4.9m
	-4569 Apr 08 j 07:25	0°♜		retrograde	-4567 Sep 23 j 05:19	24°♚52'09	
morning set	-4569 Apr 13 j 20:52	6°♜47'53		evening set	-4567 Oct 08 j 16:52	20°♚07'31	
	-4569 May 02 j 19:05	0°♕		inferior conj	-4567 Oct 13 j 18:02	17°♚07'18	-4°48'40
max. Earth dist.	-4569 May 16 j 00:39	16°♕17'06	1.73307 AU	minimum elong	-4567 Oct 14 j 03:31	16°♚52'50	4°46'00
asc. node	-4569 May 18 j 16:14	19°♕33'08		min. Earth dist.	-4567 Oct 13 j 16:32	17°♚09'36	0.26405 AU
				morning rise	-4567 Oct 19 j 14:22	13°♚42'03	
superior conj	-4569 May 19 j 14:46	20°♕42'39	0°02'14	asc. node	-4567 Nov 02 j 10:36	9°♚33'03	

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

direct	-4567 Nov 03 j 00:03	9° \cap 32'40		asc. node	-4564 Apr 19 j 05:49	3° Υ 31'17	
greatest brilliancy	-4567 Nov 13 j 01:17	11° \cap 29'31	-4.9m		-4564 May 10 j 19:50	0° B	
	-4567 Dec 10 j 07:08	0° $\underline{\text{A}}$			-4564 Jun 04 j 07:10	0° II	
morning max el	-4567 Dec 23 j 05:58	12° $\underline{\text{A}}$ 19'33	46°32'21		-4564 Jun 28 j 20:02	0° B	
	-4566 Jan 09 j 04:45	0° III			-4564 Jul 23 j 12:36	0° Ω	
	-4566 Feb 05 j 04:03	0° A		desc. node	-4564 Aug 09 j 02:44	19° Ω 57'50	
desc. node	-4566 Feb 22 j 10:21	19° A 50'33			-4564 Aug 17 j 12:36	0° \cap	
	-4566 Mar 03 j 03:58	0° B			-4564 Sep 12 j 03:13	0° $\underline{\text{A}}$	
	-4566 Mar 28 j 15:29	0° \approx			-4564 Oct 09 j 03:59	0° III	
	-4566 Apr 22 j 17:55	0° H		evening max el	-4564 Oct 14 j 22:13	5° III 59'37	47°29'09
	-4566 May 17 j 12:22	0° Υ			-4564 Nov 10 j 14:43	0° A	
	-4566 Jun 10 j 23:20	0° B		greatest brilliancy	-4564 Nov 24 j 09:08	7° A 54'22	-4.9m
asc. node	-4566 Jun 15 j 04:30	5° B 12'30		asc. node	-4564 Nov 29 j 21:53	9° A 34'10	
morning set	-4566 Jun 19 j 18:18	10° B 52'20		retrograde	-4564 Dec 05 j 01:32	10° A 06'07	
	-4566 Jul 05 j 03:34	0° II		evening set	-4564 Dec 20 j 14:42	5° A 13'35	
max. Earth dist.	-4566 Jul 22 j 22:00	22° II 13'39	1.71634 AU	min. Earth dist.	-4564 Dec 24 j 23:43	2° A 32'19	0.27831 AU
				inferior conj	-4564 Dec 26 j 01:31	1° A 51'12	5°49'09
superior conj	-4566 Jul 26 j 18:15	27° II 03'00	1°17'13	minimum elong	-4564 Dec 25 j 16:19	2° A 05'53	5°46'56
minimum elong	-4566 Jul 26 j 11:28	26° II 41'43	1°17'20		-4564 Dec 29 j 00:07	30° R III	
	-4566 Jul 29 j 02:39	0° B		morning rise	-4564 Dec 30 j 18:38	28° III 56'03	
	-4566 Aug 21 j 23:00	0° Ω		direct	-4563 Jan 15 j 20:19	23° III 51'00	
evening rise	-4566 Sep 03 j 11:40	15° Ω 46'03		greatest brilliancy	-4563 Jan 24 j 14:45	25° III 16'56	-4.8m
	-4566 Sep 14 j 19:16	0° \cap			-4563 Feb 03 j 21:35	0° A	
desc. node	-4566 Oct 05 j 01:27	25° \cap 24'32		morning max el	-4563 Mar 05 j 17:12	24° A 00'37	45°57'18
	-4566 Oct 08 j 17:30	0° $\underline{\text{A}}$			-4563 Mar 11 j 20:32	0° B	
	-4566 Nov 01 j 19:04	0° III		desc. node	-4563 Mar 21 j 21:53	10° B 14'24	
	-4566 Nov 26 j 01:25	0° A			-4563 Apr 09 j 07:49	0° \approx	
	-4566 Dec 20 j 15:41	0° B			-4563 May 05 j 21:20	0° H	
	-4565 Jan 14 j 20:37	0° \approx			-4563 May 31 j 11:15	0° Υ	
asc. node	-4565 Jan 25 j 18:55	12° \approx 38'28			-4563 Jun 25 j 08:59	0° B	
	-4565 Feb 10 j 06:21	0° H		asc. node	-4563 Jul 12 j 16:47	21° B 15'19	
evening max el	-4565 Mar 08 j 23:43	27° H 37'04	45°06'49		-4563 Jul 19 j 18:22	0° II	
	-4565 Mar 11 j 12:17	0° Υ			-4563 Aug 12 j 18:48	0° B	
greatest brilliancy	-4565 Apr 15 j 12:19	24° Υ 41'34	-4.7m	greatest brilliancy	-4563 Aug 24 j 21:00	15° B 13'02	-3.9m
retrograde	-4565 Apr 26 j 01:32	26° Υ 39'57		morning set	-4563 Aug 29 j 22:33	21° B 36'20	
evening set	-4565 May 11 j 00:31	22° Υ 26'32			-4563 Sep 05 j 14:04	0° Ω	
inferior conj	-4565 May 17 j 10:33	18° Υ 40'01	0°04'24		-4563 Sep 29 j 07:53	0° \cap	
minimum elong	-4565 May 17 j 10:42	18° Υ 39'46	0°04'25				
transit middle	-4565 May 17 j 10:42	18° Υ 39'46	0°04'25	superior conj	-4563 Oct 09 j 08:05	12° \cap 37'57	0°50'36
transit begin	-4565 May 17 j 06:47	18° Υ 45'50		minimum elong	-4563 Oct 09 j 19:13	13° \cap 13'02	0°50'15
transit end	-4565 May 17 j 14:38	18° Υ 33'41		max. Earth dist.	-4563 Oct 12 j 15:46	16° \cap 49'07	1.70907 AU
desc. node	-4565 May 17 j 18:07	18° Υ 28'19			-4563 Oct 23 j 03:04	0° $\underline{\text{A}}$	
min. Earth dist.	-4565 May 18 j 02:52	18° Υ 14'48	0.28633 AU	desc. node	-4563 Nov 01 j 13:52	11° $\underline{\text{A}}$ 52'21	
morning rise	-4565 May 23 j 20:09	14° Υ 52'02			-4563 Nov 16 j 01:08	0° III	
direct	-4565 Jun 08 j 03:58	10° Υ 25'06		evening rise	-4563 Nov 21 j 01:28	6° III 15'52	
greatest brilliancy	-4565 Jun 19 j 07:16	12° Υ 38'16	-4.8m		-4563 Dec 10 j 02:41	0° A	
	-4565 Jul 15 j 10:33	0° B			-4562 Jan 03 j 08:22	0° B	
morning max el	-4565 Jul 27 j 20:29	11° B 34'32	46°24'02		-4562 Jan 27 j 19:54	0° \approx	
	-4565 Aug 14 j 12:37	0° II			-4562 Feb 21 j 16:27	0° H	
asc. node	-4565 Sep 07 j 14:19	27° II 21'57		asc. node	-4562 Feb 22 j 07:09	0° H 43'52	
	-4565 Sep 09 j 20:03	0° B			-4562 Mar 19 j 03:02	0° Υ	
	-4565 Oct 04 j 18:01	0° Ω			-4562 Apr 14 j 12:33	0° B	
	-4565 Oct 29 j 01:53	0° \cap			-4562 May 12 j 20:14	0° II	
	-4565 Nov 22 j 05:34	0° $\underline{\text{A}}$		evening max el	-4562 May 19 j 10:53	6° II 27'30	45°38'59
	-4565 Dec 16 j 10:03	0° III		desc. node	-4562 Jun 14 j 05:31	27° II 52'57	
desc. node	-4565 Dec 28 j 12:33	14° III 58'10			-4562 Jun 17 j 14:35	0° B	
	-4564 Jan 09 j 16:54	0° A		greatest brilliancy	-4562 Jun 27 j 23:50	4° B 54'15	-4.8m
morning set	-4564 Feb 01 j 19:11	28° A 26'04		retrograde	-4562 Jul 07 j 14:27	6° B 34'50	
	-4564 Feb 03 j 01:45	0° B		evening set	-4562 Jul 24 j 15:27	1° B 10'25	
	-4564 Feb 27 j 11:44	0° \approx			-4562 Jul 26 j 15:44	30° R II	
				inferior conj	-4562 Jul 28 j 13:17	28° II 51'44	-8°19'37
superior conj	-4564 Mar 10 j 13:11	14° \approx 48'23	-1°14'41	minimum elong	-4562 Jul 28 j 06:07	29° II 02'32	8°18'37
minimum elong	-4564 Mar 10 j 20:14	15° \approx 10'03	1°14'42	min. Earth dist.	-4562 Jul 28 j 20:01	28° II 41'35	0.27364 AU
max. Earth dist.	-4564 Mar 10 j 17:51	15° \approx 02'43	1.73650 AU	morning rise	-4562 Jul 31 j 20:34	26° II 53'30	
	-4564 Mar 22 j 22:14	0° H		direct	-4562 Aug 18 j 11:09	21° II 02'23	
evening rise	-4564 Apr 15 j 20:36	29° H 22'08		greatest brilliancy	-4562 Aug 29 j 09:54	23° II 16'19	-4.9m
	-4564 Apr 16 j 08:57	0° Υ			-4562 Sep 10 j 15:35	0° B	

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

asc. node	-4562 Oct 05 j 01:38	21°♄11'56		asc. node	-4559 Mar 21 j 19:28	17°♈14'32	
morning max el	-4562 Oct 08 j 05:24	24°♄23'32	46°51'19		-4559 Apr 01 j 07:47	0°♈	
	-4562 Oct 13 j 14:39	0°♌			-4559 Apr 26 j 05:37	0°♈	
	-4562 Nov 09 j 11:20	0°♍			-4559 May 21 j 11:29	0°♊	
	-4562 Dec 04 j 21:10	0°♎			-4559 Jun 16 j 06:15	0°♋	
	-4562 Dec 29 j 20:04	0°♏		desc. node	-4559 Jul 11 j 17:00	28°♋29'14	
	-4561 Jan 23 j 15:54	0°♐			-4559 Jul 13 j 02:32	0°♌	
desc. node	-4561 Jan 25 j 00:40	1°♐39'06		evening max el	-4559 Aug 01 j 07:39	19°♌59'03	47°08'51
	-4561 Feb 17 j 10:31	0°♑			-4559 Aug 11 j 20:40	0°♍	
	-4561 Mar 14 j 03:32	0°♒		greatest brilliancy	-4559 Sep 11 j 10:22	20°♍43'38	-4.9m
	-4561 Apr 07 j 18:09	0°♓		retrograde	-4559 Sep 20 j 17:17	22°♍21'15	
morning set	-4561 Apr 11 j 16:02	4°♓46'56		evening set	-4559 Oct 06 j 08:01	17°♎33'16	
	-4561 May 02 j 05:43	0°♈		inferior conj	-4559 Oct 11 j 06:04	14°♎37'18	-5°09'17
max. Earth dist.	-4561 May 13 j 23:54	14°♈28'00	1.73350 AU	minimum elong	-4559 Oct 11 j 15:58	14°♎22'11	5°06'34
				min. Earth dist.	-4559 Oct 11 j 05:36	14°♎38'01	0.26405 AU
superior conj	-4561 May 17 j 09:54	18°♈40'44	-0°00'50	morning rise	-4559 Oct 17 j 00:05	11°♎15'04	
minimum elong	-4561 May 17 j 10:04	18°♈41'15	0°00'46	direct	-4559 Oct 31 j 12:25	7°♎03'05	
behind sun begin	-4561 May 16 j 12:06	17°♈33'30		asc. node	-4559 Nov 01 j 12:40	7°♎04'20	
behind sun end	-4561 May 18 j 08:02	19°♈49'00		greatest brilliancy	-4559 Nov 10 j 14:26	9°♎00'23	-4.9m
asc. node	-4561 May 17 j 18:18	19°♈06'42			-4559 Dec 10 j 12:45	0°♎	
	-4561 May 26 j 13:57	0°♉		morning max el	-4559 Dec 20 j 18:36	9°♎53'05	46°33'34
	-4561 Jun 19 j 19:00	0°♊			-4558 Jan 08 j 22:52	0°♏	
evening rise	-4561 Jun 22 j 01:59	2°♊50'45			-4558 Feb 04 j 18:38	0°♐	
	-4561 Jul 13 j 21:51	0°♋		desc. node	-4558 Feb 21 j 12:32	19°♐18'09	
	-4561 Aug 07 j 00:11	0°♌			-4558 Mar 02 j 16:51	0°♑	
	-4561 Aug 31 j 04:08	0°♍			-4558 Mar 28 j 03:24	0°♒	
desc. node	-4561 Sep 06 j 15:05	7°♍59'09			-4558 Apr 22 j 05:15	0°♓	
	-4561 Sep 24 j 11:53	0°♎			-4558 May 16 j 23:22	0°♈	
	-4561 Oct 19 j 02:23	0°♏			-4558 Jun 10 j 10:09	0°♉	
	-4561 Nov 13 j 05:49	0°♐		asc. node	-4558 Jun 14 j 06:43	4°♉45'57	
	-4561 Dec 09 j 14:32	0°♑		morning set	-4558 Jun 17 j 12:08	8°♉45'31	
evening max el	-4561 Dec 25 j 17:25	16°♑56'06	46°09'00		-4558 Jul 04 j 14:21	0°♊	
asc. node	-4561 Dec 28 j 09:26	19°♑34'28		max. Earth dist.	-4558 Jul 20 j 10:25	19°♊48'14	1.71698 AU
	-4560 Jan 08 j 15:10	0°♒					
greatest brilliancy	-4560 Feb 02 j 10:32	16°♒27'17	-4.8m	superior conj	-4558 Jul 24 j 10:13	24°♊48'32	1°15'51
retrograde	-4560 Feb 13 j 08:53	18°♒39'28		minimum elong	-4558 Jul 24 j 02:59	24°♊25'52	1°15'56
evening set	-4560 Mar 01 j 21:13	12°♒43'30			-4558 Jul 28 j 13:29	0°♋	
inferior conj	-4560 Mar 05 j 18:52	10°♒16'39	7°40'16		-4558 Aug 21 j 10:00	0°♌	
minimum elong	-4560 Mar 06 j 00:50	10°♒07'08	7°39'31	evening rise	-4558 Aug 31 j 23:18	13°♌16'45	
min. Earth dist.	-4560 Mar 05 j 23:51	10°♒08'43	0.29384 AU		-4558 Sep 14 j 06:27	0°♍	
morning rise	-4560 Mar 10 j 04:34	7°♒31'46		desc. node	-4558 Oct 04 j 03:26	24°♍55'13	
direct	-4560 Mar 27 j 12:01	1°♒49'24			-4558 Oct 08 j 04:53	0°♎	
greatest brilliancy	-4560 Apr 06 j 10:21	3°♒36'38	-4.7m		-4558 Nov 01 j 06:39	0°♏	
desc. node	-4560 Apr 18 j 08:54	9°♒32'31			-4558 Nov 25 j 13:17	0°♐	
	-4560 May 13 j 15:40	0°♓			-4558 Dec 20 j 04:05	0°♑	
morning max el	-4560 May 15 j 10:34	1°♓41'38	45°52'25		-4557 Jan 14 j 10:05	0°♒	
	-4560 Jun 11 j 20:29	0°♈		asc. node	-4557 Jan 24 j 21:09	12°♒04'16	
	-4560 Jul 08 j 08:01	0°♉			-4557 Feb 09 j 22:20	0°♓	
	-4560 Aug 02 j 12:42	0°♊		evening max el	-4557 Mar 06 j 14:13	25°♓23'42	45°07'28
asc. node	-4560 Aug 09 j 04:48	8°♊07'07			-4557 Mar 11 j 12:22	0°♈	
	-4560 Aug 26 j 23:04	0°♋		greatest brilliancy	-4557 Apr 13 j 04:13	22°♈32'39	-4.7m
	-4560 Sep 19 j 23:00	0°♌		retrograde	-4557 Apr 23 j 16:51	24°♈31'03	
	-4560 Oct 13 j 18:43	0°♍		evening set	-4557 May 08 j 17:15	20°♈15'47	
	-4560 Nov 06 j 14:46	0°♎		inferior conj	-4557 May 15 j 02:30	16°♈30'24	0°24'13
morning set	-4560 Nov 14 j 13:24	9°♎58'02		minimum elong	-4557 May 15 j 03:23	16°♈29'01	0°24'01
desc. node	-4560 Nov 29 j 02:17	28°♎09'50		min. Earth dist.	-4557 May 15 j 19:36	16°♈03'58	0.28675 AU
	-4560 Nov 30 j 13:33	0°♏		desc. node	-4557 May 16 j 20:15	15°♈25'59	
	-4560 Dec 24 j 15:36	0°♐		morning rise	-4557 May 21 j 12:42	12°♈41'12	
				direct	-4557 Jun 05 j 19:36	8°♈14'30	
superior conj	-4560 Dec 26 j 13:32	2°♐22'38	-0°57'41	greatest brilliancy	-4557 Jun 16 j 23:58	10°♈28'06	-4.8m
minimum elong	-4560 Dec 26 j 02:34	1°♐48'36	0°57'30		-4557 Jul 15 j 14:26	0°♉	
max. Earth dist.	-4560 Dec 30 j 17:42	7°♐33'33	1.72344 AU	morning max el	-4557 Jul 25 j 11:03	9°♉17'42	46°22'50
	-4559 Jan 17 j 20:36	0°♑			-4557 Aug 14 j 05:47	0°♊	
evening rise	-4559 Feb 04 j 02:22	21°♑16'35		asc. node	-4557 Sep 06 j 16:28	26°♊46'01	
	-4559 Feb 11 j 04:29	0°♒			-4557 Sep 09 j 10:13	0°♋	
greatest brilliancy	-4559 Feb 18 j 06:57	8°♒43'31	-3.9m		-4557 Oct 04 j 06:56	0°♌	
	-4559 Mar 07 j 15:52	0°♓			-4557 Oct 28 j 14:08	0°♍	

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

	-4557 Nov 21 j 17:25	0°♌	evening max el	-4554 May 17 j 01:29	4°♐11'05	45°36'32
	-4557 Dec 15 j 21:36	0°♍	desc. node	-4554 Jun 13 j 07:44	26°♐31'32	
desc. node	-4557 Dec 27 j 14:44	14°♍29'39		-4554 Jun 19 j 11:13	0°♑	
	-4556 Jan 09 j 04:10	0°♒	greatest brilliancy	-4554 Jun 25 j 10:33	2°♑30'04	-4.8m
morning set	-4556 Jan 30 j 09:16	26°♒07'42	retrograde	-4554 Jul 05 j 03:45	4°♑12'15	
	-4556 Feb 02 j 12:48	0°♓		-4554 Jul 19 j 23:50	30°♒♐	
	-4556 Feb 26 j 22:38	0°♈	evening set	-4554 Jul 22 j 00:25	28°♐53'12	
			inferior conj	-4554 Jul 26 j 02:17	26°♐28'35	-8°10'42
superior conj	-4556 Mar 08 j 06:38	12°♈41'21	minimum elong	-4554 Jul 25 j 18:29	26°♐40'20	8°09'33
minimum elong	-4556 Mar 08 j 13:17	13°♈01'47	min. Earth dist.	-4554 Jul 26 j 08:30	26°♐19'12	0.27405 AU
max. Earth dist.	-4556 Mar 08 j 12:41	12°♈59'53	morning rise	-4554 Jul 29 j 12:21	24°♐26'21	
	-4556 Mar 22 j 09:05	0°♉	direct	-4554 Aug 16 j 01:32	18°♐38'36	
evening rise	-4556 Apr 13 j 15:36	27°♉19'43	greatest brilliancy	-4554 Aug 26 j 23:18	20°♐51'52	-4.9m
	-4556 Apr 15 j 19:52	0°♊		-4554 Sep 11 j 13:37	0°♑	
asc. node	-4556 Apr 18 j 07:51	3°♊03'58	asc. node	-4554 Oct 04 j 03:38	20°♑17'29	
	-4556 May 10 j 06:55	0°♋	morning max el	-4554 Oct 05 j 19:50	21°♑59'42	46°51'10
	-4556 Jun 03 j 18:36	0°♌		-4554 Oct 13 j 11:12	0°♒	
	-4556 Jun 28 j 07:58	0°♍		-4554 Nov 09 j 03:07	0°♎	
	-4556 Jul 23 j 01:17	0°♎		-4554 Dec 04 j 10:58	0°♏	
desc. node	-4556 Aug 08 j 04:57	19°♎24'35		-4554 Dec 29 j 08:49	0°♍	
	-4556 Aug 17 j 02:25	0°♏		-4553 Jan 23 j 04:00	0°♒	
	-4556 Sep 11 j 19:05	0°♏	desc. node	-4553 Jan 24 j 02:47	1°♒08'58	
	-4556 Oct 09 j 00:43	0°♍		-4553 Feb 16 j 22:10	0°♓	
evening max el	-4556 Oct 12 j 12:20	3°♍36'02		-4553 Mar 13 j 14:51	0°♈	
	-4556 Nov 11 j 15:22	0°♒		-4553 Apr 07 j 05:14	0°♉	
greatest brilliancy	-4556 Nov 22 j 01:24	5°♒34'29	morning set	-4553 Apr 09 j 10:44	2°♉43'30	
asc. node	-4556 Nov 29 j 00:07	7°♒29'07		-4553 May 01 j 16:42	0°♊	
retrograde	-4556 Dec 02 j 16:43	7°♒45'47	max. Earth dist.	-4553 May 11 j 21:56	12°♊34'12	1.73386 AU
evening set	-4556 Dec 18 j 03:15	2°♒57'00				
min. Earth dist.	-4556 Dec 22 j 14:43	0°♒12'40	superior conj	-4553 May 15 j 04:41	16°♊36'49	-0°03'55
	-4556 Dec 22 j 22:42	30°♒♍	minimum elong	-4553 May 15 j 05:25	16°♊39'06	0°03'49
inferior conj	-4556 Dec 23 j 16:29	29°♒31'44	behind sun begin	-4553 May 14 j 07:55	15°♊32'47	
minimum elong	-4556 Dec 23 j 07:20	29°♒46'16	behind sun end	-4553 May 16 j 02:56	17°♊45'25	
morning rise	-4556 Dec 28 j 12:07	26°♒33'14	asc. node	-4553 May 16 j 20:26	18°♊39'22	
direct	-4555 Jan 13 j 09:57	21°♒32'30		-4553 May 26 j 00:57	0°♋	
greatest brilliancy	-4555 Jan 22 j 05:38	22°♒59'33		-4553 Jun 19 j 06:09	0°♌	
	-4555 Feb 05 j 04:14	0°♒	evening rise	-4553 Jun 19 j 20:12	0°♌43'39	
morning max el	-4555 Mar 03 j 07:55	21°♒45'38		-4553 Jul 13 j 09:13	0°♍	
	-4555 Mar 11 j 17:07	0°♓		-4553 Aug 06 j 11:52	0°♎	
desc. node	-4555 Mar 20 j 23:54	9°♓32'22		-4553 Aug 30 j 16:11	0°♏	
	-4555 Apr 08 j 23:07	0°♈	desc. node	-4553 Sep 05 j 17:05	7°♏27'45	
	-4555 May 05 j 10:33	0°♉		-4553 Sep 24 j 00:25	0°♏	
	-4555 May 30 j 23:25	0°♊		-4553 Oct 18 j 15:37	0°♍	
	-4555 Jun 24 j 20:35	0°♋		-4553 Nov 12 j 20:22	0°♒	
asc. node	-4555 Jul 11 j 18:55	20°♋46'44		-4553 Dec 09 j 08:09	0°♓	
	-4555 Jul 19 j 05:41	0°♌	evening max el	-4553 Dec 23 j 09:45	14°♓43'05	46°12'01
	-4555 Aug 12 j 05:59	0°♍	asc. node	-4553 Dec 27 j 11:36	18°♓44'13	
greatest brilliancy	-4555 Aug 24 j 03:30	14°♍58'20		-4552 Jan 08 j 21:11	0°♈	
morning set	-4555 Aug 27 j 11:33	19°♍10'44	greatest brilliancy	-4552 Jan 31 j 03:40	14°♈19'00	-4.8m
	-4555 Sep 05 j 01:14	0°♎	retrograde	-4552 Feb 11 j 02:15	16°♈31'09	
	-4555 Sep 28 j 19:03	0°♏	evening set	-4552 Feb 28 j 15:57	10°♈32'43	
			inferior conj	-4552 Mar 03 j 11:57	8°♈07'58	7°46'51
superior conj	-4555 Oct 06 j 17:50	10°♏02'05	minimum elong	-4552 Mar 03 j 17:25	7°♈59'15	7°46'11
minimum elong	-4555 Oct 07 j 05:11	10°♏37'55	min. Earth dist.	-4552 Mar 03 j 15:27	8°♈02'23	0.29373 AU
max. Earth dist.	-4555 Oct 09 j 21:20	14°♏00'09	morning rise	-4552 Mar 07 j 19:01	5°♈26'47	
	-4555 Oct 22 j 14:15	0°♏		-4552 Mar 21 j 05:47	30°♒♓	
desc. node	-4555 Oct 31 j 15:58	11°♏23'43	direct	-4552 Mar 25 j 05:12	29°♓41'14	
	-4555 Nov 15 j 12:22	0°♍		-4552 Mar 29 j 06:33	0°♈	
evening rise	-4555 Nov 18 j 10:53	3°♍40'17	greatest brilliancy	-4552 Apr 04 j 00:47	1°♈26'15	-4.7m
	-4555 Dec 09 j 14:00	0°♒	desc. node	-4552 Apr 17 j 11:03	8°♈18'09	
	-4554 Jan 02 j 19:49	0°♓	morning max el	-4552 May 13 j 02:44	29°♈31'56	45°51'46
	-4554 Jan 27 j 07:37	0°♈		-4552 May 13 j 14:29	0°♉	
asc. node	-4554 Feb 21 j 09:12	0°♉13'27		-4552 Jun 11 j 12:28	0°♊	
	-4554 Feb 21 j 04:42	0°♊		-4552 Jul 07 j 21:41	0°♋	
	-4554 Mar 18 j 16:22	0°♊		-4552 Aug 02 j 01:17	0°♌	
	-4554 Apr 14 j 04:11	0°♋	asc. node	-4552 Aug 08 j 06:53	7°♌35'36	
	-4554 May 12 j 17:51	0°♌		-4552 Aug 26 j 11:06	0°♍	

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

	-4552 Sep 19 j 10:44	0°♌	retrograde	-4549 Apr 21 j 08:35	22°♑21'55	
	-4552 Oct 13 j 06:18	0°♍	evening set	-4549 May 06 j 10:09	18°♑04'19	
	-4552 Nov 06 j 02:14	0°♎	inferior conj	-4549 May 12 j 18:29	14°♑20'15	0°43'58
morning set	-4552 Nov 11 j 23:14	7°♎22'36	minimum elong	-4549 May 12 j 20:06	14°♑17'46	0°43'32
desc. node	-4552 Nov 28 j 04:29	27°♎41'13	min. Earth dist.	-4549 May 13 j 12:09	13°♑52'57	0.28723 AU
	-4552 Nov 30 j 00:54	0°♏	desc. node	-4549 May 15 j 22:28	12°♑23'46	
			morning rise	-4549 May 19 j 05:11	10°♑30'16	
superior conj	-4552 Dec 24 j 01:03	29°♏54'30 -0°54'57	direct	-4549 Jun 03 j 11:30	6°♑03'12	
minimum elong	-4552 Dec 23 j 14:08	29°♏20'34 0°54'44	greatest brilliancy	-4549 Jun 14 j 16:48	8°♑17'32	-4.8m
	-4552 Dec 24 j 02:49	0°♐		-4549 Jul 15 j 17:08	0°♒	
max. Earth dist.	-4552 Dec 28 j 11:20	5°♐24'31 1.72282 AU	morning max el	-4549 Jul 23 j 02:41	7°♒02'42	46°21'32
	-4551 Jan 17 j 07:44	0°♑		-4549 Aug 13 j 22:59	0°♒	
evening rise	-4551 Feb 01 j 17:31	19°♑01'07	asc. node	-4549 Sep 05 j 18:32	26°♒09'05	
	-4551 Feb 10 j 15:38	0°♒		-4549 Sep 09 j 00:36	0°♓	
greatest brilliancy	-4551 Feb 17 j 22:22	8°♒56'30 -3.9m		-4549 Oct 03 j 20:03	0°♌	
	-4551 Mar 07 j 03:10	0°♓		-4549 Oct 28 j 02:35	0°♍	
asc. node	-4551 Mar 20 j 21:29	16°♓45'51		-4549 Nov 21 j 05:25	0°♎	
	-4551 Mar 31 j 19:26	0°♑		-4549 Dec 15 j 09:16	0°♏	
	-4551 Apr 25 j 17:52	0°♒	desc. node	-4549 Dec 26 j 16:47	14°♏00'17	
	-4551 May 21 j 00:45	0°♒		-4548 Jan 08 j 15:34	0°♐	
	-4551 Jun 15 j 21:19	0°♓	morning set	-4548 Jan 27 j 23:16	23°♐48'34	
desc. node	-4551 Jul 10 j 19:09	27°♓45'07		-4548 Feb 01 j 23:59	0°♑	
	-4551 Jul 12 j 21:19	0°♌		-4548 Feb 26 j 09:40	0°♒	
evening max el	-4551 Jul 29 j 20:18	17°♌31'51 47°06'01				
	-4551 Aug 12 j 03:44	0°♍	superior conj	-4548 Mar 06 j 00:12	10°♒34'14 -1°17'16	
greatest brilliancy	-4551 Sep 08 j 23:51	18°♍13'41 -4.9m	minimum elong	-4548 Mar 06 j 06:26	10°♒53'21 1°17'20	
retrograde	-4551 Sep 18 j 04:46	19°♍49'25	max. Earth dist.	-4548 Mar 06 j 07:46	10°♒57'28 1.73604 AU	
evening set	-4551 Oct 03 j 23:14	14°♍57'47		-4548 Mar 21 j 20:03	0°♓	
inferior conj	-4551 Oct 08 j 18:06	12°♍06'23 -5°29'19	evening rise	-4548 Apr 11 j 10:48	25°♓17'45	
minimum elong	-4551 Oct 09 j 04:20	11°♍50'44 5°26'35		-4548 Apr 15 j 06:52	0°♑	
min. Earth dist.	-4551 Oct 08 j 18:57	12°♍05'05 0.26408 AU	asc. node	-4548 Apr 17 j 10:05	2°♑37'02	
morning rise	-4551 Oct 14 j 09:31	8°♍47'24		-4548 May 09 j 18:07	0°♒	
direct	-4551 Oct 29 j 00:11	4°♍32'16		-4548 Jun 03 j 06:10	0°♒	
asc. node	-4551 Oct 31 j 14:57	4°♍40'32		-4548 Jun 27 j 20:07	0°♓	
greatest brilliancy	-4551 Nov 08 j 04:05	6°♍30'44 -4.9m		-4548 Jul 22 j 14:15	0°♌	
	-4551 Dec 10 j 16:52	0°♎	desc. node	-4548 Aug 07 j 06:55	18°♌49'42	
morning max el	-4551 Dec 18 j 06:42	7°♎24'07 46°34'55		-4548 Aug 16 j 16:37	0°♍	
	-4550 Jan 08 j 16:51	0°♏		-4548 Sep 11 j 11:27	0°♎	
	-4550 Feb 04 j 09:18	0°♐		-4548 Oct 08 j 22:25	0°♏	
desc. node	-4550 Feb 20 j 14:34	18°♐44'45	evening max el	-4548 Oct 10 j 03:16	1°♏14'02 47°31'59	
	-4550 Mar 02 j 05:53	0°♑		-4548 Nov 13 j 02:14	0°♐	
	-4550 Mar 27 j 15:31	0°♒	greatest brilliancy	-4548 Nov 19 j 17:09	3°♐13'27 -4.9m	
	-4550 Apr 21 j 16:50	0°♓	asc. node	-4548 Nov 28 j 02:16	5°♐18'38	
	-4550 May 16 j 10:40	0°♑	retrograde	-4548 Nov 30 j 08:24	5°♐24'56	
	-4550 Jun 09 j 21:19	0°♒	evening set	-4548 Dec 15 j 15:54	0°♐39'38	
asc. node	-4550 Jun 13 j 08:51	4°♒18'04		-4548 Dec 16 j 19:02	30°♑♏	
morning set	-4550 Jun 15 j 05:46	6°♒36'59	min. Earth dist.	-4548 Dec 20 j 05:22	27°♏52'50 0.27679 AU	
	-4550 Jul 04 j 01:29	0°♒	inferior conj	-4548 Dec 21 j 07:22	27°♏11'38 5°17'50	
max. Earth dist.	-4550 Jul 18 j 00:14	17°♒26'10 1.71761 AU	minimum elong	-4548 Dec 20 j 22:21	27°♏25'56 5°15'32	
			morning rise	-4548 Dec 26 j 05:32	24°♏10'00	
superior conj	-4550 Jul 22 j 01:59	22°♒32'26 1°14'21	direct	-4547 Jan 10 j 23:56	19°♏13'31	
minimum elong	-4550 Jul 21 j 18:20	22°♒08'29 1°14'23	greatest brilliancy	-4547 Jan 19 j 19:56	20°♏41'15 -4.8m	
	-4550 Jul 28 j 00:41	0°♓		-4547 Feb 06 j 02:29	0°♐	
	-4550 Aug 20 j 21:19	0°♌	morning max el	-4547 Feb 28 j 23:34	19°♐32'51 45°59'18	
evening rise	-4550 Aug 29 j 10:56	10°♌46'40		-4547 Mar 11 j 13:03	0°♑	
	-4550 Sep 13 j 17:56	0°♍	desc. node	-4547 Mar 20 j 02:02	8°♑51'09	
desc. node	-4550 Oct 03 j 05:32	24°♍25'27		-4547 Apr 08 j 14:11	0°♒	
	-4550 Oct 07 j 16:33	0°♎		-4547 May 04 j 23:38	0°♓	
	-4550 Oct 31 j 18:32	0°♏		-4547 May 30 j 11:29	0°♑	
	-4550 Nov 25 j 01:27	0°♐		-4547 Jun 24 j 08:07	0°♒	
	-4550 Dec 19 j 16:47	0°♑	asc. node	-4547 Jul 10 j 21:01	20°♒18'06	
	-4549 Jan 13 j 23:54	0°♒		-4547 Jul 18 j 16:58	0°♒	
asc. node	-4549 Jan 23 j 23:15	11°♒28'50		-4547 Aug 11 j 17:13	0°♓	
	-4549 Feb 09 j 14:47	0°♓	greatest brilliancy	-4547 Aug 23 j 09:29	14°♓41'53 -3.9m	
evening max el	-4549 Mar 04 j 04:39	23°♓09'48 45°08'15	morning set	-4547 Aug 25 j 00:28	16°♓44'44	
	-4549 Mar 11 j 13:54	0°♑		-4547 Sep 04 j 12:28	0°♌	
greatest brilliancy	-4549 Apr 10 j 19:29	20°♑22'39 -4.7m		-4547 Sep 28 j 06:19	0°♍	

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

superior conj	-4547 Oct 04 j 03:14	7° \mathbb{M} 24'43	0°56'42	minimum elong	-4544 Mar 01 j 10:00	5° \approx 52'05	7°52'11
minimum elong	-4547 Oct 04 j 14:42	8° \mathbb{M} 00'54	0°56'22	min. Earth dist.	-4544 Mar 01 j 07:23	5° \approx 56'16	0.29353 AU
max. Earth dist.	-4547 Oct 07 j 03:26	11° \mathbb{M} 12'27	1.70876 AU	morning rise	-4544 Mar 05 j 09:35	3° \approx 22'17	
	-4547 Oct 22 j 01:32	0° $\underline{\mathbf{A}}$			-4544 Mar 11 j 19:13	30° \mathbb{R} $\overline{\mathbf{Z}}$	
desc. node	-4547 Oct 30 j 18:09	10° $\underline{\mathbf{A}}$ 55'09		direct	-4544 Mar 22 j 21:54	27° $\overline{\mathbf{Z}}$ 33'47	
	-4547 Nov 14 j 23:40	0° \mathbb{M}		greatest brilliancy	-4544 Apr 01 j 15:34	29° $\overline{\mathbf{Z}}$ 16'53	-4.7m
evening rise	-4547 Nov 15 j 19:41	1° \mathbb{M} 02'33			-4544 Apr 03 j 14:32	0° \approx	
	-4547 Dec 09 j 01:20	0° \mathbb{X}		desc. node	-4544 Apr 16 j 13:20	7° \approx 06'54	
	-4546 Jan 02 j 07:15	0° $\overline{\mathbf{Z}}$		morning max el	-4544 May 10 j 18:15	27° \approx 21'31	45°51'15
	-4546 Jan 26 j 19:17	0° \approx			-4544 May 13 j 12:03	0° \mathbb{H}	
asc. node	-4546 Feb 20 j 11:17	29° \approx 43'15			-4544 Jun 11 j 03:52	0° \mathbb{Y}	
	-4546 Feb 20 j 16:55	0° \mathbb{H}			-4544 Jul 07 j 10:55	0° \mathbb{B}	
	-4546 Mar 18 j 05:42	0° \mathbb{Y}			-4544 Aug 01 j 13:29	0° \mathbb{I}	
	-4546 Apr 13 j 19:54	0° \mathbb{B}		asc. node	-4544 Aug 07 j 08:59	7° \mathbb{I} 05'15	
	-4546 May 12 j 16:02	0° \mathbb{I}			-4544 Aug 25 j 22:46	0° \mathbb{E}	
evening max el	-4546 May 14 j 16:42	1° \mathbb{I} 56'56	45°34'09		-4544 Sep 18 j 22:07	0° Ω	
desc. node	-4546 Jun 12 j 09:49	25° \mathbb{I} 08'12			-4544 Oct 12 j 17:32	0° \mathbb{M}	
	-4546 Jun 22 j 12:33	0° \mathbb{E}			-4544 Nov 05 j 13:24	0° $\underline{\mathbf{A}}$	
greatest brilliancy	-4546 Jun 22 j 21:53	0° \mathbb{E} 07'59	-4.8m	morning set	-4544 Nov 09 j 09:02	4° $\underline{\mathbf{A}}$ 47'45	
retrograde	-4546 Jul 02 j 16:57	1° \mathbb{E} 51'04		desc. node	-4544 Nov 27 j 06:31	27° $\underline{\mathbf{A}}$ 12'54	
	-4546 Jul 12 j 10:04	30° \mathbb{R} \mathbb{I}			-4544 Nov 29 j 12:00	0° \mathbb{M}	
evening set	-4546 Jul 19 j 09:40	26° \mathbb{I} 37'44					
inferior conj	-4546 Jul 23 j 15:34	24° \mathbb{I} 07'03	-8°00'54	superior conj	-4544 Dec 21 j 12:05	27° \mathbb{M} 25'25	-0°52'04
minimum elong	-4546 Jul 23 j 07:13	24° \mathbb{I} 19'40	7°59'35	minimum elong	-4544 Dec 21 j 01:18	26° \mathbb{M} 51'55	0°51'50
min. Earth dist.	-4546 Jul 23 j 21:25	23° \mathbb{I} 58'12	0.27448 AU		-4544 Dec 23 j 13:50	0° \mathbb{X}	
morning rise	-4546 Jul 27 j 04:34	22° \mathbb{I} 00'21		max. Earth dist.	-4544 Dec 26 j 02:11	3° \mathbb{X} 07'25	1.72222 AU
direct	-4546 Aug 13 j 16:05	16° \mathbb{I} 16'29			-4543 Jan 16 j 18:41	0° $\overline{\mathbf{Z}}$	
greatest brilliancy	-4546 Aug 24 j 12:52	18° \mathbb{I} 28'37	-4.9m	evening rise	-4543 Jan 30 j 08:01	16° $\overline{\mathbf{Z}}$ 44'10	
	-4546 Sep 12 j 05:44	0° \mathbb{E}			-4543 Feb 10 j 02:34	0° \approx	
asc. node	-4546 Oct 03 j 05:57	19° \mathbb{E} 25'06		greatest brilliancy	-4543 Feb 18 j 04:43	9° \approx 56'01	-3.9m
morning max el	-4546 Oct 03 j 09:48	19° \mathbb{E} 34'55	46°50'38		-4543 Mar 06 j 14:13	0° \mathbb{H}	
	-4546 Oct 13 j 07:05	0° Ω		asc. node	-4543 Mar 19 j 23:44	16° \mathbb{H} 18'41	
	-4546 Nov 08 j 18:42	0° \mathbb{M}			-4543 Mar 31 j 06:49	0° \mathbb{Y}	
	-4546 Dec 04 j 00:42	0° $\underline{\mathbf{A}}$			-4543 Apr 25 j 05:51	0° \mathbb{B}	
	-4546 Dec 28 j 21:30	0° \mathbb{M}			-4543 May 20 j 13:47	0° \mathbb{I}	
	-4545 Jan 22 j 15:59	0° \mathbb{X}			-4543 Jun 15 j 12:12	0° \mathbb{E}	
desc. node	-4545 Jan 23 j 04:51	0° \mathbb{X} 39'01		desc. node	-4543 Jul 09 j 21:14	27° \mathbb{E} 01'27	
	-4545 Feb 16 j 09:38	0° $\overline{\mathbf{Z}}$			-4543 Jul 12 j 16:09	0° Ω	
	-4545 Mar 13 j 01:57	0° \approx		evening max el	-4543 Jul 27 j 08:26	15° Ω 04'49	47°03'14
	-4545 Apr 06 j 16:06	0° \mathbb{H}			-4543 Aug 12 j 12:36	0° \mathbb{M}	
morning set	-4545 Apr 07 j 05:33	0° \mathbb{H} 41'06		greatest brilliancy	-4543 Sep 06 j 13:39	15° \mathbb{M} 45'56	-4.9m
	-4545 May 01 j 03:29	0° \mathbb{Y}		retrograde	-4543 Sep 15 j 16:18	17° \mathbb{M} 19'58	
max. Earth dist.	-4545 May 09 j 18:37	10° \mathbb{Y} 36'53	1.73419 AU	evening set	-4543 Oct 01 j 14:41	12° \mathbb{M} 24'13	
				inferior conj	-4543 Oct 06 j 06:23	9° \mathbb{M} 37'43	-5°48'20
superior conj	-4545 May 12 j 23:49	14° \mathbb{Y} 34'38	-0°06'56	minimum elong	-4543 Oct 06 j 16:52	9° \mathbb{M} 21'41	5°45'38
minimum elong	-4545 May 13 j 01:09	14° \mathbb{Y} 38'45	0°06'49	min. Earth dist.	-4543 Oct 06 j 08:37	9° \mathbb{M} 34'18	0.26416 AU
behind sun begin	-4545 May 12 j 05:05	13° \mathbb{Y} 36'54		morning rise	-4543 Oct 11 j 19:01	6° \mathbb{M} 22'23	
behind sun end	-4545 May 13 j 21:14	15° \mathbb{Y} 40'37		direct	-4543 Oct 26 j 11:59	2° \mathbb{M} 03'22	
asc. node	-4545 May 15 j 22:35	18° \mathbb{Y} 12'43		asc. node	-4543 Oct 30 j 17:04	2° \mathbb{M} 24'32	
	-4545 May 25 j 11:45	0° \mathbb{B}		greatest brilliancy	-4543 Nov 05 j 18:15	4° \mathbb{M} 03'37	-4.9m
evening rise	-4545 Jun 17 j 14:56	28° \mathbb{B} 38'53			-4543 Dec 10 j 18:51	0° $\underline{\mathbf{A}}$	
	-4545 Jun 18 j 17:04	0° \mathbb{I}		morning max el	-4543 Dec 15 j 19:19	4° $\underline{\mathbf{A}}$ 57'27	46°36'05
	-4545 Jul 12 j 20:21	0° \mathbb{E}			-4542 Jan 08 j 10:06	0° \mathbb{M}	
	-4545 Aug 05 j 23:17	0° Ω			-4542 Feb 03 j 23:31	0° \mathbb{X}	
	-4545 Aug 30 j 04:01	0° \mathbb{M}		desc. node	-4542 Feb 19 j 16:43	18° \mathbb{X} 12'34	
desc. node	-4545 Sep 04 j 19:14	6° \mathbb{M} 57'32			-4542 Mar 01 j 18:35	0° $\overline{\mathbf{Z}}$	
	-4545 Sep 23 j 12:48	0° $\underline{\mathbf{A}}$			-4542 Mar 27 j 03:19	0° \approx	
	-4545 Oct 18 j 04:49	0° \mathbb{M}			-4542 Apr 21 j 04:06	0° \mathbb{H}	
	-4545 Nov 12 j 10:59	0° \mathbb{X}			-4542 May 15 j 21:37	0° \mathbb{Y}	
	-4545 Dec 09 j 02:06	0° $\overline{\mathbf{Z}}$			-4542 Jun 09 j 08:07	0° \mathbb{B}	
evening max el	-4545 Dec 21 j 01:31	12° $\overline{\mathbf{Z}}$ 28'38	46°15'10	asc. node	-4542 Jun 12 j 10:52	3° \mathbb{B} 50'54	
asc. node	-4545 Dec 26 j 13:43	17° $\overline{\mathbf{Z}}$ 53'04		morning set	-4542 Jun 12 j 23:32	4° \mathbb{B} 30'04	
	-4544 Jan 09 j 05:27	0° \approx			-4542 Jul 03 j 12:15	0° \mathbb{I}	
greatest brilliancy	-4544 Jan 28 j 21:27	12° \approx 11'41	-4.8m	max. Earth dist.	-4542 Jul 15 j 15:55	15° \mathbb{I} 11'05	1.71824 AU
retrograde	-4544 Feb 08 j 19:16	14° \approx 23'13					
evening set	-4544 Feb 26 j 10:34	8° \approx 22'46		superior conj	-4542 Jul 19 j 18:03	20° \mathbb{I} 18'24	1°12'43
inferior conj	-4544 Mar 01 j 05:06	5° \approx 59'56	7°52'46	minimum elong	-4542 Jul 19 j 10:02	19° \mathbb{I} 53'19	1°12'45

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

	-4542 Jul 27 j 11:32	0°☿				-4539 Feb 06 j 18:35	0°♊		
	-4542 Aug 20 j 08:18	0°♋		morning max el		-4539 Feb 26 j 15:23	17°♊21'14	46°00'11	
evening rise	-4542 Aug 26 j 23:11	8°♋19'39				-4539 Mar 11 j 08:07	0°♋		
	-4542 Sep 13 j 05:04	0°♌		desc. node		-4539 Mar 19 j 04:16	8°♋11'24		
desc. node	-4542 Oct 02 j 07:45	23°♌57'10				-4539 Apr 08 j 04:51	0°♌		
	-4542 Oct 07 j 03:51	0°♍				-4539 May 04 j 12:28	0°♌		
	-4542 Oct 31 j 06:01	0°♎				-4539 May 29 j 23:23	0°♍		
	-4542 Nov 24 j 13:15	0°♏				-4539 Jun 23 j 19:31	0°♎		
	-4542 Dec 19 j 05:10	0°♐		asc. node		-4539 Jul 09 j 23:10	19°♎50'06		
	-4541 Jan 13 j 13:30	0°♑				-4539 Jul 18 j 04:07	0°♑		
asc. node	-4541 Jan 23 j 01:21	10°♑54'03				-4539 Aug 11 j 04:16	0°♑		
	-4541 Feb 09 j 07:15	0°♒		greatest brilliancy		-4539 Aug 22 j 11:18	14°♑12'52	-3.9m	
evening max el	-4541 Mar 01 j 19:57	20°♒58'42	45°09'10	morning set		-4539 Aug 22 j 13:32	14°♑19'54		
	-4541 Mar 11 j 16:35	0°♓				-4539 Sep 03 j 23:30	0°♒		
greatest brilliancy	-4541 Apr 08 j 10:23	18°♓13'04	-4.7m			-4539 Sep 27 j 17:23	0°♓		
retrograde	-4541 Apr 19 j 00:50	20°♓13'38							
evening set	-4541 May 04 j 03:15	15°♓53'38		superior conj		-4539 Oct 01 j 12:54	4°♓48'47	0°59'33	
inferior conj	-4541 May 10 j 10:29	12°♓10'54	1°03'31	minimum elong		-4539 Oct 02 j 00:21	5°♓24'56	0°59'16	
minimum elong	-4541 May 10 j 12:48	12°♓07'20	1°02'53	max. Earth dist.		-4539 Oct 04 j 09:54	8°♓26'27	1.70863 AU	
min. Earth dist.	-4541 May 11 j 04:24	11°♓43'15	0.28769 AU			-4539 Oct 21 j 12:40	0°♓		
desc. node	-4541 May 15 j 00:30	9°♓24'08		desc. node		-4539 Oct 29 j 20:09	10°♓26'25		
morning rise	-4541 May 16 j 21:32	8°♓20'33		evening rise		-4539 Nov 13 j 04:27	28°♓24'57		
direct	-4541 Jun 01 j 03:51	3°♓52'56				-4539 Nov 14 j 10:51	0°♓		
greatest brilliancy	-4541 Jun 12 j 09:07	6°♓07'33	-4.8m			-4539 Dec 08 j 12:34	0°♏		
	-4541 Jul 15 j 18:00	0°♐				-4538 Jan 01 j 18:35	0°♐		
morning max el	-4541 Jul 20 j 19:07	4°♐51'01	46°20'12			-4538 Jan 26 j 06:52	0°♑		
	-4541 Aug 13 j 15:29	0°♑		asc. node		-4538 Feb 19 j 13:34	29°♑13'54		
asc. node	-4541 Sep 04 j 20:46	25°♑33'57				-4538 Feb 20 j 05:03	0°♒		
	-4541 Sep 08 j 14:30	0°♒				-4538 Mar 17 j 19:02	0°♓		
	-4541 Oct 03 j 08:46	0°♋				-4538 Apr 13 j 11:49	0°♏		
	-4541 Oct 27 j 14:39	0°♌		evening max el		-4538 May 12 j 07:31	29°♏41'48	45°31'38	
	-4541 Nov 20 j 17:03	0°♍				-4538 May 12 j 15:10	0°♑		
	-4541 Dec 14 j 20:34	0°♎		desc. node		-4538 Jun 11 j 11:56	23°♑41'48		
desc. node	-4541 Dec 25 j 18:51	13°♎32'02		greatest brilliancy		-4538 Jun 20 j 09:55	27°♑46'34	-4.8m	
	-4540 Jan 08 j 02:37	0°♏		retrograde		-4538 Jun 30 j 05:27	29°♑29'47		
morning set	-4540 Jan 25 j 13:14	21°♏30'09		evening set		-4538 Jul 16 j 18:52	24°♑22'23		
	-4540 Feb 01 j 10:51	0°♐		inferior conj		-4538 Jul 21 j 04:51	21°♑45'41	-7°50'15	
	-4540 Feb 25 j 20:26	0°♑		minimum elong		-4538 Jul 20 j 19:59	21°♑59'06	7°48'46	
				min. Earth dist.		-4538 Jul 21 j 10:46	21°♑36'43	0.27488 AU	
superior conj	-4540 Mar 03 j 17:34	8°♑27'16	-1°18'24	morning rise		-4538 Jul 24 j 20:52	19°♑34'19		
minimum elong	-4540 Mar 03 j 23:20	8°♑44'57	1°18'30	direct		-4538 Aug 11 j 06:14	13°♑54'29		
max. Earth dist.	-4540 Mar 04 j 03:48	8°♑58'39	1.73584 AU	greatest brilliancy		-4538 Aug 22 j 02:56	16°♑06'02	-4.9m	
	-4540 Mar 21 j 06:46	0°♒				-4538 Sep 12 j 17:46	0°♒		
evening rise	-4540 Apr 09 j 05:47	23°♒15'49		morning max el		-4538 Sep 30 j 22:38	17°♒07'27	46°50'09	
	-4540 Apr 14 j 17:39	0°♓		asc. node		-4538 Oct 02 j 08:05	18°♒33'20		
asc. node	-4540 Apr 16 j 12:11	2°♓10'23				-4538 Oct 13 j 02:20	0°♋		
	-4540 May 09 j 05:06	0°♏				-4538 Nov 08 j 09:59	0°♌		
	-4540 Jun 02 j 17:31	0°♑				-4538 Dec 03 j 14:15	0°♍		
	-4540 Jun 27 j 08:03	0°♒				-4538 Dec 28 j 10:05	0°♎		
	-4540 Jul 22 j 03:00	0°♋		desc. node		-4537 Jan 22 j 07:00	0°♏09'23		
desc. node	-4540 Aug 06 j 09:06	18°♋16'07				-4537 Jan 22 j 03:55	0°♏		
	-4540 Aug 16 j 06:38	0°♌				-4537 Feb 15 j 21:05	0°♐		
	-4540 Sep 11 j 03:47	0°♍				-4537 Mar 12 j 13:03	0°♑		
evening max el	-4540 Oct 07 j 19:20	28°♍55'45	47°33'18	morning set		-4537 Apr 05 j 00:27	28°♍38'53		
	-4540 Oct 08 j 20:35	0°♎				-4537 Apr 06 j 02:59	0°♒		
	-4540 Nov 15 j 06:41	0°♏				-4537 Apr 30 j 14:18	0°♓		
greatest brilliancy	-4540 Nov 17 j 08:44	0°♏52'58	-4.9m	max. Earth dist.		-4537 May 07 j 14:35	8°♓37'23	1.73455 AU	
asc. node	-4540 Nov 27 j 04:22	3°♏03'43							
retrograde	-4540 Nov 28 j 00:26	3°♏04'36		superior conj		-4537 May 10 j 19:03	12°♓32'43	-0°09'56	
	-4540 Dec 10 j 03:31	30°♏		minimum elong		-4537 May 10 j 20:58	12°♓38'37	0°09'48	
evening set	-4540 Dec 13 j 04:41	28°♏22'47		behind sun begin		-4537 May 10 j 03:29	11°♓44'49		
min. Earth dist.	-4540 Dec 17 j 19:51	25°♏33'45	0.27599 AU	behind sun end		-4537 May 11 j 14:26	13°♓32'25		
inferior conj	-4540 Dec 18 j 22:12	24°♏52'06	5°01'15	asc. node		-4537 May 15 j 00:38	17°♓45'39		
minimum elong	-4540 Dec 18 j 13:22	25°♏06'04	4°58'55			-4537 May 24 j 22:37	0°♏		
morning rise	-4540 Dec 23 j 22:53	21°♏47'24		evening rise		-4537 Jun 15 j 09:40	26°♏33'57		
direct	-4539 Jan 08 j 14:18	16°♏55'19				-4537 Jun 18 j 04:06	0°♑		
greatest brilliancy	-4539 Jan 17 j 09:48	18°♏23'08	-4.8m			-4537 Jul 12 j 07:36	0°♒		

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

	-4537 Aug 05 j 10:51	0°♊		morning max el	-4535 Dec 13 j 08:40	2°♊31'12	46°37'23
	-4537 Aug 29 j 15:59	0°♋			-4534 Jan 08 j 03:21	0°♌	
desc. node	-4537 Sep 03 j 21:25	6°♋27'00			-4534 Feb 03 j 13:54	0°♍	
	-4537 Sep 23 j 01:19	0°♌		desc. node	-4534 Feb 18 j 18:54	17°♍39'46	
	-4537 Oct 17 j 18:10	0°♍			-4534 Mar 01 j 07:30	0°♎	
	-4537 Nov 12 j 01:50	0°♏			-4534 Mar 26 j 15:24	0°♐	
	-4537 Dec 08 j 20:35	0°♑			-4534 Apr 20 j 15:41	0°♒	
evening max el	-4537 Dec 18 j 16:24	10°♑11'24	46°18'16		-4534 May 15 j 08:53	0°♓	
asc. node	-4537 Dec 25 j 15:54	17°♑00'47			-4534 Jun 08 j 19:13	0°♈	
	-4536 Jan 09 j 16:56	0°♉		morning set	-4534 Jun 10 j 17:39	2°♈23'23	
greatest brilliancy	-4536 Jan 26 j 15:23	10°♉03'49	-4.8m	asc. node	-4534 Jun 11 j 13:07	3°♈23'33	
retrograde	-4536 Feb 06 j 12:00	12°♉14'47			-4534 Jul 02 j 23:20	0°♊	
evening set	-4536 Feb 24 j 04:56	6°♉12'28		max. Earth dist.	-4534 Jul 13 j 08:47	12°♊58'55	1.71885 AU
inferior conj	-4536 Feb 27 j 22:13	3°♉51'25	7°58'01				
minimum elong	-4536 Feb 28 j 02:31	3°♉44'31	7°57'32	superior conj	-4534 Jul 17 j 10:24	18°♊04'27	1°11'00
min. Earth dist.	-4536 Feb 27 j 23:35	3°♉49'13	0.29332 AU	minimum elong	-4534 Jul 17 j 02:07	17°♊38'30	1°11'01
morning rise	-4536 Mar 03 j 00:14	1°♉17'10			-4534 Jul 26 j 22:41	0°♋	
	-4536 Mar 05 j 05:02	30°♋3			-4534 Aug 19 j 19:36	0°♌	
direct	-4536 Mar 20 j 14:06	25°♋25'40		evening rise	-4534 Aug 24 j 11:44	5°♌52'30	
greatest brilliancy	-4536 Mar 30 j 06:53	27°♋07'37	-4.7m		-4534 Sep 12 j 16:34	0°♍	
	-4536 Apr 05 j 23:26	0°♎		desc. node	-4534 Oct 01 j 09:44	23°♍26'56	
desc. node	-4536 Apr 15 j 15:18	5°♎56'40			-4534 Oct 06 j 15:33	0°♌	
morning max el	-4536 May 08 j 09:24	25°♎09'48	45°50'53		-4534 Oct 30 j 17:56	0°♍	
	-4536 May 13 j 09:02	0°♏			-4534 Nov 24 j 01:31	0°♎	
	-4536 Jun 10 j 19:13	0°♐			-4534 Dec 18 j 18:03	0°♑	
	-4536 Jul 07 j 00:13	0°♒			-4533 Jan 13 j 03:38	0°♒	
	-4536 Aug 01 j 01:52	0°♓		asc. node	-4533 Jan 22 j 03:36	10°♓18'14	
asc. node	-4536 Aug 06 j 11:13	6°♓34'40			-4533 Feb 09 j 00:28	0°♈	
	-4536 Aug 25 j 10:39	0°♈		evening max el	-4533 Feb 27 j 11:57	18°♈48'12	45°10'12
	-4536 Sep 18 j 09:45	0°♉			-4533 Mar 11 j 21:29	0°♉	
	-4536 Oct 12 j 05:01	0°♋		greatest brilliancy	-4533 Apr 06 j 01:15	16°♉02'31	-4.7m
	-4536 Nov 05 j 00:47	0°♌		retrograde	-4533 Apr 16 j 17:15	18°♉04'11	
morning set	-4536 Nov 06 j 18:36	2°♌11'24		evening set	-4533 May 01 j 20:34	13°♉41'54	
desc. node	-4536 Nov 26 j 08:36	26°♌44'05		inferior conj	-4533 May 08 j 02:29	10°♉00'29	1°22'56
	-4536 Nov 28 j 23:17	0°♍		minimum elong	-4533 May 08 j 05:29	9°♉55'51	1°22'07
				min. Earth dist.	-4533 May 08 j 20:22	9°♉32'51	0.28811 AU
superior conj	-4536 Dec 18 j 22:55	24°♍55'03	-0°49'03	desc. node	-4533 May 14 j 02:40	6°♉25'07	
minimum elong	-4536 Dec 18 j 12:21	24°♍22'14	0°48'49	morning rise	-4533 May 14 j 13:43	6°♉09'56	
	-4536 Dec 23 j 01:02	0°♎		direct	-4533 May 29 j 20:36	1°♉41'45	
max. Earth dist.	-4536 Dec 23 j 15:07	0°♏43'47	1.72160 AU	greatest brilliancy	-4533 Jun 10 j 00:47	3°♉55'49	-4.8m
	-4535 Jan 16 j 05:50	0°♑			-4533 Jul 15 j 18:07	0°♊	
evening rise	-4535 Jan 27 j 22:25	14°♑26'09		morning max el	-4533 Jul 18 j 11:52	2°♊39'22	46°18'58
	-4535 Feb 09 j 13:45	0°♒			-4533 Aug 13 j 08:00	0°♋	
greatest brilliancy	-4535 Feb 22 j 07:55	15°♒39'09	-3.9m	asc. node	-4533 Sep 03 j 22:55	24°♋57'53	
	-4535 Mar 06 j 01:33	0°♓			-4533 Sep 08 j 04:34	0°♌	
asc. node	-4535 Mar 19 j 01:50	15°♓50'17			-4533 Oct 02 j 21:45	0°♍	
	-4535 Mar 30 j 18:28	0°♔			-4533 Oct 27 j 03:02	0°♎	
	-4535 Apr 24 j 18:07	0°♕			-4533 Nov 20 j 05:03	0°♏	
	-4535 May 20 j 03:07	0°♖			-4533 Dec 14 j 08:16	0°♐	
	-4535 Jun 15 j 03:32	0°♗		desc. node	-4533 Dec 24 j 21:03	13°♐02'58	
desc. node	-4535 Jul 08 j 23:24	26°♗16'28			-4532 Jan 07 j 14:05	0°♑	
	-4535 Jul 12 j 11:52	0°♘		morning set	-4532 Jan 23 j 02:43	19°♑08'59	
evening max el	-4535 Jul 24 j 20:11	12°♘35'56	47°00'13		-4532 Jan 31 j 22:07	0°♒	
	-4535 Aug 13 j 01:10	0°♙			-4532 Feb 25 j 07:33	0°♓	
greatest brilliancy	-4535 Sep 04 j 02:48	13°♙15'44	-4.9m				
retrograde	-4535 Sep 13 j 03:49	14°♙48'44		superior conj	-4532 Mar 01 j 10:35	6°♚18'01	-1°19'26
evening set	-4535 Sep 29 j 05:55	9°♙48'18		minimum elong	-4532 Mar 01 j 15:50	6°♚34'08	1°19'33
inferior conj	-4535 Oct 03 j 18:22	7°♙06'55	-6°06'48	max. Earth dist.	-4532 Mar 02 j 01:31	7°♚03'54	1.73559 AU
minimum elong	-4535 Oct 04 j 05:01	6°♙50'40	6°04'10		-4532 Mar 20 j 17:50	0°♈	
min. Earth dist.	-4535 Oct 03 j 21:51	7°♙01'36	0.26430 AU	evening rise	-4532 Apr 07 j 00:39	21°♈12'25	
morning rise	-4535 Oct 09 j 04:01	3°♙55'53			-4532 Apr 14 j 04:47	0°♉	
	-4535 Oct 19 j 06:16	30°♙6		asc. node	-4532 Apr 15 j 14:14	1°♉42'27	
direct	-4535 Oct 23 j 23:43	29°♙32'08			-4532 May 08 j 16:29	0°♊	
	-4535 Oct 28 j 19:47	0°♚			-4532 Jun 02 j 05:17	0°♋	
asc. node	-4535 Oct 29 j 19:10	0°♚12'05			-4532 Jun 26 j 20:22	0°♌	
greatest brilliancy	-4535 Nov 03 j 08:09	1°♚34'27	-4.9m		-4532 Jul 21 j 16:08	0°♍	
	-4535 Dec 10 j 20:03	0°♛		desc. node	-4532 Aug 05 j 11:18	17°♛41'33	

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

	-4532 Aug 15 j 21:04	0°♎			-4529 Mar 12 j 00:15	0°♏		
	-4532 Sep 10 j 20:41	0°♏		morning set	-4529 Apr 02 j 19:07	26°♏35'33		
evening max el	-4532 Oct 05 j 11:55	26°♏37'53	47°34'18		-4529 Apr 05 j 13:59	0°♏		
	-4532 Oct 08 j 20:00	0°♎			-4529 Apr 30 j 01:13	0°♏		
greatest brilliancy	-4532 Nov 15 j 00:20	28°♎31'05	-4.9m	max. Earth dist.	-4529 May 05 j 10:26	6°♏37'17	1.73489 AU	
	-4532 Nov 19 j 17:49	0°♏						
retrograde	-4532 Nov 25 j 16:11	0°♏42'17		superior conj	-4529 May 08 j 14:09	10°♏30'11	-0°12'55	
asc. node	-4532 Nov 26 j 06:37	0°♏41'50		minimum elong	-4529 May 08 j 16:38	10°♏37'51	0°12'47	
	-4532 Dec 01 j 10:20	30°♎		behind sun begin	-4529 May 08 j 03:32	9°♏57'31		
evening set	-4532 Dec 10 j 17:30	26°♎04'06		behind sun end	-4529 May 09 j 05:44	11°♏18'11		
min. Earth dist.	-4532 Dec 15 j 10:21	23°♎12'40	0.27522 AU	asc. node	-4529 May 14 j 02:50	17°♏18'48		
inferior conj	-4532 Dec 16 j 12:52	22°♎30'45	4°43'56		-4529 May 24 j 09:34	0°♏		
minimum elong	-4532 Dec 16 j 04:18	22°♎44'18	4°41'35	evening rise	-4529 Jun 13 j 04:24	24°♏28'57		
morning rise	-4532 Dec 21 j 16:02	19°♎22'52			-4529 Jun 17 j 15:11	0°♏		
direct	-4531 Jan 06 j 04:45	14°♎35'28			-4529 Jul 11 j 18:56	0°♏		
greatest brilliancy	-4531 Jan 14 j 23:36	16°♎03'06	-4.8m		-4529 Aug 04 j 22:32	0°♏		
	-4531 Feb 07 j 07:16	0°♏			-4529 Aug 29 j 04:05	0°♎		
morning max el	-4531 Feb 24 j 06:39	15°♏06'53	46°01'06	desc. node	-4529 Sep 02 j 23:24	5°♎55'34		
	-4531 Mar 11 j 03:08	0°♏			-4529 Sep 22 j 13:59	0°♏		
desc. node	-4531 Mar 18 j 06:18	7°♏30'22			-4529 Oct 17 j 07:39	0°♎		
	-4531 Apr 07 j 19:42	0°♏			-4529 Nov 11 j 16:50	0°♏		
	-4531 May 04 j 01:31	0°♏			-4529 Dec 08 j 15:26	0°♏		
	-4531 May 29 j 11:31	0°♏		evening max el	-4529 Dec 16 j 06:48	7°♏53'03	46°21'26	
	-4531 Jun 23 j 07:10	0°♏		asc. node	-4529 Dec 24 j 18:06	16°♏07'46		
asc. node	-4531 Jul 09 j 01:20	19°♏21'16			-4528 Jan 10 j 08:08	0°♏		
	-4531 Jul 17 j 15:32	0°♏		greatest brilliancy	-4528 Jan 24 j 08:52	7°♏55'39	-4.8m	
	-4531 Aug 10 j 15:35	0°♏		retrograde	-4528 Feb 04 j 04:55	10°♏06'55		
morning set	-4531 Aug 20 j 02:56	11°♏55'21		evening set	-4528 Feb 21 j 23:10	4°♏02'43		
	-4531 Sep 03 j 10:47	0°♏		inferior conj	-4528 Feb 25 j 15:27	1°♏43'17	8°02'38	
	-4531 Sep 27 j 04:40	0°♎		minimum elong	-4528 Feb 25 j 19:08	1°♏37'22	8°02'13	
				min. Earth dist.	-4528 Feb 25 j 15:55	1°♏42'32	0.29312 AU	
superior conj	-4531 Sep 28 j 23:10	2°♎14'04	1°02'14		-4528 Feb 28 j 08:22	30°♏		
minimum elong	-4531 Sep 29 j 10:31	2°♎49'55	1°01'59	morning rise	-4528 Feb 29 j 15:13	29°♏12'21		
max. Earth dist.	-4531 Oct 01 j 14:41	5°♎34'28	1.70849 AU	direct	-4528 Mar 18 j 06:13	23°♏17'46		
	-4531 Oct 20 j 23:59	0°♏		greatest brilliancy	-4528 Mar 27 j 22:50	24°♏59'19	-4.7m	
desc. node	-4531 Oct 28 j 22:17	9°♏57'33			-4528 Apr 07 j 11:50	0°♏		
evening rise	-4531 Nov 10 j 13:25	25°♏47'16		desc. node	-4528 Apr 14 j 17:30	4°♏48'47		
	-4531 Nov 13 j 22:14	0°♎		morning max el	-4528 May 06 j 01:06	22°♏59'27	45°50'32	
	-4531 Dec 08 j 00:01	0°♏			-4528 May 13 j 05:19	0°♏		
	-4530 Jan 01 j 06:10	0°♏			-4528 Jun 10 j 10:21	0°♏		
	-4530 Jan 25 j 18:43	0°♏			-4528 Jul 06 j 13:24	0°♏		
asc. node	-4530 Feb 18 j 15:37	28°♏42'59			-4528 Jul 31 j 14:06	0°♏		
	-4530 Feb 19 j 17:31	0°♏		asc. node	-4528 Aug 05 j 13:18	6°♏03'57		
	-4530 Mar 17 j 08:46	0°♏			-4528 Aug 24 j 22:25	0°♏		
	-4530 Apr 13 j 04:17	0°♏			-4528 Sep 17 j 21:16	0°♏		
evening max el	-4530 May 09 j 21:30	27°♏24'07	45°29'16		-4528 Oct 11 j 16:25	0°♎		
	-4530 May 12 j 15:38	0°♏		morning set	-4528 Nov 04 j 04:14	29°♎35'21		
desc. node	-4530 Jun 10 j 14:09	22°♏12'01			-4528 Nov 04 j 12:05	0°♏		
greatest brilliancy	-4530 Jun 17 j 22:23	25°♏25'20	-4.8m	desc. node	-4528 Nov 25 j 10:47	26°♏15'55		
retrograde	-4530 Jun 27 j 17:42	27°♏08'35			-4528 Nov 28 j 10:28	0°♎		
evening set	-4530 Jul 14 j 04:12	22°♏06'46						
inferior conj	-4530 Jul 18 j 18:15	19°♏24'17	-7°38'54	superior conj	-4528 Dec 16 j 09:48	22°♎25'08	-0°45'57	
minimum elong	-4530 Jul 18 j 08:56	19°♏38'24	7°37'15	minimum elong	-4528 Dec 15 j 23:32	21°♎53'11	0°45'42	
min. Earth dist.	-4530 Jul 19 j 00:34	19°♏14'43	0.27530 AU	max. Earth dist.	-4528 Dec 21 j 01:56	28°♎13'48	1.72095 AU	
morning rise	-4530 Jul 22 j 13:22	17°♏08'10			-4528 Dec 22 j 12:06	0°♏		
direct	-4530 Aug 08 j 20:02	11°♏32'12			-4527 Jan 15 j 16:49	0°♏		
greatest brilliancy	-4530 Aug 19 j 17:49	13°♏44'05	-4.9m	evening rise	-4527 Jan 25 j 12:59	12°♏09'11		
	-4530 Sep 13 j 02:56	0°♏			-4527 Feb 09 j 00:45	0°♏		
morning max el	-4530 Sep 28 j 10:58	14°♏38'17	46°49'50		-4527 Mar 05 j 12:42	0°♏		
asc. node	-4530 Oct 01 j 10:08	17°♏41'47		asc. node	-4527 Mar 18 j 03:55	15°♏22'19		
	-4530 Oct 12 j 21:13	0°♏			-4527 Mar 30 j 05:59	0°♏		
	-4530 Nov 08 j 01:10	0°♎			-4527 Apr 24 j 06:16	0°♏		
	-4530 Dec 03 j 03:47	0°♏			-4527 May 19 j 16:25	0°♏		
	-4530 Dec 27 j 22:40	0°♎			-4527 Jun 14 j 18:55	0°♏		
desc. node	-4529 Jan 21 j 09:07	29°♎39'30		desc. node	-4527 Jul 08 j 01:33	25°♏31'19		
	-4529 Jan 21 j 15:53	0°♏			-4527 Jul 12 j 07:58	0°♏		
	-4529 Feb 15 j 08:36	0°♏		evening max el	-4527 Jul 22 j 08:32	10°♏09'26	46°57'20	

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

	-4527 Aug 13 j 17:24	0°♎		morning set	-4524 Jan 20 j 16:01	16°♌48'09	
greatest brilliancy	-4527 Sep 01 j 15:14	10°♎45'42	-4.9m		-4524 Jan 31 j 09:03	0°♌	
retrograde	-4527 Sep 10 j 15:53	12°♎18'28			-4524 Feb 24 j 18:21	0°♍	
evening set	-4527 Sep 26 j 21:13	7°♎13'02					
inferior conj	-4527 Oct 01 j 06:21	4°♎36'47	-6°24'32	superior conj	-4524 Feb 28 j 03:30	4°♍09'24	-1°20'21
minimum elong	-4527 Oct 01 j 17:07	4°♎20'25	6°21'57	minimum elong	-4524 Feb 28 j 08:11	4°♍23'46	1°20'29
min. Earth dist.	-4527 Oct 01 j 10:41	4°♎30'11	0.26449 AU	max. Earth dist.	-4524 Feb 28 j 23:51	5°♍11'55	1.73529 AU
morning rise	-4527 Oct 06 j 12:52	1°♎30'31			-4524 Mar 20 j 04:33	0°♎	
	-4527 Oct 09 j 11:12	30°♎0		evening rise	-4524 Apr 04 j 19:31	19°♎10'08	
direct	-4527 Oct 21 j 12:04	27°♎01'36			-4524 Apr 13 j 15:34	0°♎	
asc. node	-4527 Oct 28 j 21:28	28°♎05'48		asc. node	-4524 Apr 14 j 16:29	1°♎16'20	
greatest brilliancy	-4527 Oct 31 j 21:42	29°♎05'31	-4.9m		-4524 May 08 j 03:28	0°♏	
	-4527 Nov 03 j 02:32	0°♎			-4524 Jun 01 j 16:41	0°♐	
	-4527 Dec 10 j 19:51	0°♏			-4524 Jun 26 j 08:22	0°♑	
morning max el	-4527 Dec 10 j 22:57	0°♏07'48	46°38'39		-4524 Jul 21 j 05:02	0°♒	
	-4526 Jan 07 j 20:03	0°♐		desc. node	-4524 Aug 04 j 13:16	17°♒06'57	
	-4526 Feb 03 j 03:53	0°♑			-4524 Aug 15 j 11:22	0°♒	
desc. node	-4526 Feb 17 j 20:54	17°♑07'20			-4524 Sep 10 j 13:38	0°♓	
	-4526 Feb 28 j 20:05	0°♓		evening max el	-4524 Oct 03 j 03:59	24°♓19'16	47°35'09
	-4526 Mar 26 j 03:09	0°♔			-4524 Oct 08 j 20:12	0°♔	
	-4526 Apr 20 j 02:56	0°♕		greatest brilliancy	-4524 Nov 12 j 16:13	26°♔09'54	-4.9m
	-4526 May 14 j 19:51	0°♖		retrograde	-4524 Nov 23 j 07:15	28°♔19'50	
morning set	-4526 Jun 08 j 11:52	0°♕17'52		asc. node	-4524 Nov 25 j 08:44	28°♔14'30	
	-4526 Jun 08 j 06:04	0°♕		evening set	-4524 Dec 08 j 06:16	23°♔45'21	
asc. node	-4526 Jun 10 j 15:15	2°♕56'36		min. Earth dist.	-4524 Dec 13 j 00:57	20°♔51'13	0.27444 AU
	-4526 Jul 02 j 10:10	0°♐		inferior conj	-4524 Dec 14 j 03:18	20°♔09'33	4°25'54
max. Earth dist.	-4526 Jul 11 j 00:09	10°♐42'53	1.71945 AU	minimum elong	-4524 Dec 13 j 19:04	20°♔22'35	4°23'35
				morning rise	-4524 Dec 19 j 08:51	16°♔58'21	
superior conj	-4526 Jul 15 j 02:47	15°♐51'22	1°09'11	direct	-4523 Jan 03 j 18:50	12°♔15'48	
minimum elong	-4526 Jul 14 j 18:16	15°♐24'44	1°09'09	greatest brilliancy	-4523 Jan 12 j 13:36	13°♔43'27	-4.8m
	-4526 Jul 26 j 09:36	0°♑			-4523 Feb 07 j 16:24	0°♑	
	-4526 Aug 19 j 06:40	0°♒		morning max el	-4523 Feb 21 j 20:52	12°♑50'41	46°02'03
evening rise	-4526 Aug 22 j 00:18	3°♒26'20			-4523 Mar 10 j 21:20	0°♓	
	-4526 Sep 12 j 03:49	0°♒		desc. node	-4523 Mar 17 j 08:26	6°♓50'55	
desc. node	-4526 Sep 30 j 11:52	22°♒58'04			-4523 Apr 07 j 10:01	0°♔	
	-4526 Oct 06 j 02:59	0°♓			-4523 May 03 j 14:08	0°♕	
	-4526 Oct 30 j 05:37	0°♔			-4523 May 28 j 23:14	0°♖	
	-4526 Nov 23 j 13:34	0°♑			-4523 Jun 22 j 18:25	0°♏	
	-4526 Dec 18 j 06:44	0°♓		asc. node	-4523 Jul 08 j 03:24	18°♏53'25	
	-4525 Jan 12 j 17:36	0°♔			-4523 Jul 17 j 02:34	0°♐	
asc. node	-4525 Jan 21 j 05:42	9°♔42'36			-4523 Aug 10 j 02:34	0°♑	
	-4525 Feb 08 j 17:39	0°♕		morning set	-4523 Aug 17 j 16:21	9°♑31'53	
evening max el	-4525 Feb 25 j 04:30	16°♕40'10	45°11'23		-4523 Sep 02 j 21:47	0°♒	
	-4525 Mar 12 j 03:51	0°♖					
greatest brilliancy	-4525 Apr 03 j 16:43	13°♖54'23	-4.7m	superior conj	-4523 Sep 26 j 09:18	29°♒39'48	1°04'48
retrograde	-4525 Apr 14 j 09:38	15°♖56'30		minimum elong	-4523 Sep 26 j 20:27	0°♒14'59	1°04'34
evening set	-4525 Apr 29 j 14:15	11°♖32'04			-4523 Sep 26 j 15:42	0°♒	
inferior conj	-4525 May 05 j 18:43	7°♖51'58	1°42'03	max. Earth dist.	-4523 Sep 28 j 14:34	2°♒27'53	1.70843 AU
minimum elong	-4525 May 05 j 22:22	7°♖46'19	1°41'02		-4523 Oct 20 j 11:04	0°♓	
min. Earth dist.	-4525 May 06 j 12:26	7°♖24'33	0.28853 AU	desc. node	-4523 Oct 28 j 00:28	9°♓29'34	
morning rise	-4525 May 12 j 05:55	4°♖01'17		evening rise	-4523 Nov 07 j 21:46	23°♓08'24	
desc. node	-4525 May 13 j 04:51	3°♖30'43			-4523 Nov 13 j 09:22	0°♔	
	-4525 May 22 j 18:32	30°♖♎			-4523 Dec 07 j 11:12	0°♑	
direct	-4525 May 27 j 13:48	29°♖32'41			-4523 Dec 31 j 17:29	0°♓	
	-4525 Jun 01 j 11:40	0°♖			-4522 Jan 25 j 06:20	0°♔	
greatest brilliancy	-4525 Jun 07 j 16:13	1°♖45'25	-4.7m	asc. node	-4522 Feb 17 j 17:43	28°♔12'55	
	-4525 Jul 15 j 16:46	0°♏			-4522 Feb 19 j 05:47	0°♕	
morning max el	-4525 Jul 16 j 04:11	0°♏27'52	46°17'30		-4522 Mar 16 j 22:20	0°♖	
	-4525 Aug 12 j 23:56	0°♐			-4522 Apr 12 j 20:43	0°♏	
asc. node	-4525 Sep 03 j 00:59	24°♐22'37		evening max el	-4522 May 07 j 10:48	25°♏06'02	45°27'08
	-4525 Sep 07 j 18:14	0°♑			-4522 May 12 j 16:51	0°♐	
	-4525 Oct 02 j 10:21	0°♒		desc. node	-4522 Jun 09 j 16:12	20°♐40'13	
	-4525 Oct 26 j 15:03	0°♒		greatest brilliancy	-4522 Jun 15 j 10:54	23°♐05'45	-4.8m
	-4525 Nov 19 j 16:41	0°♓		retrograde	-4522 Jun 25 j 06:22	24°♐49'30	
	-4525 Dec 13 j 19:37	0°♔		evening set	-4522 Jul 11 j 13:48	19°♐52'45	
desc. node	-4525 Dec 23 j 23:05	12°♔34'25		inferior conj	-4522 Jul 16 j 07:52	17°♐04'50	-7°26'48
	-4524 Jan 07 j 01:12	0°♑		minimum elong	-4522 Jul 15 j 22:10	17°♐19'30	7°24'59

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

min. Earth dist.	-4522 Jul 16 j 14:36	16° Π 54'37	0.27573 AU	max. Earth dist.	-4520 Dec 18 j 11:23	25° \mathbb{M} 39'35	1.72039 AU
morning rise	-4522 Jul 20 j 06:11	14° Π 43'59			-4520 Dec 21 j 23:09	0° \mathcal{X}	
direct	-4522 Aug 06 j 09:44	9° Π 11'42			-4519 Jan 15 j 03:50	0° \mathcal{Z}	
greatest brilliancy	-4522 Aug 17 j 09:15	11° Π 24'35	-4.9m	evening rise	-4519 Jan 23 j 02:59	9° \mathcal{Z} 50'19	
	-4522 Sep 13 j 09:05	0° \mathcal{E}			-4519 Feb 08 j 11:48	0° \approx	
morning max el	-4522 Sep 25 j 23:36	12° \mathcal{E} 10'55	46°49'16		-4519 Mar 04 j 23:55	0° \mathcal{H}	
asc. node	-4522 Sep 30 j 12:27	16° \mathcal{E} 52'43		asc. node	-4519 Mar 17 j 06:08	14° \mathcal{H} 54'38	
	-4522 Oct 12 j 15:20	0° Ω			-4519 Mar 29 j 17:33	0° \mathcal{Y}	
	-4522 Nov 07 j 15:59	0° \mathbb{P}			-4519 Apr 23 j 18:32	0° \mathcal{B}	
	-4522 Dec 02 j 17:05	0° $\underline{\mathcal{A}}$			-4519 May 19 j 05:53	0° Π	
	-4522 Dec 27 j 11:04	0° \mathbb{L}			-4519 Jun 14 j 10:36	0° \mathcal{E}	
desc. node	-4521 Jan 20 j 11:11	29° \mathbb{L} 09'59		desc. node	-4519 Jul 07 j 03:38	24° \mathcal{E} 45'10	
	-4521 Jan 21 j 03:39	0° \mathcal{X}			-4519 Jul 12 j 04:45	0° Ω	
	-4521 Feb 14 j 19:54	0° \mathcal{Z}		evening max el	-4519 Jul 19 j 21:55	7° Ω 45'39	46°54'30
	-4521 Mar 11 j 11:14	0° \approx			-4519 Aug 14 j 14:59	0° \mathbb{P}	
morning set	-4521 Mar 31 j 13:28	24° \approx 31'47		greatest brilliancy	-4519 Aug 30 j 03:02	8° \mathbb{P} 15'29	-4.9m
	-4521 Apr 05 j 00:48	0° \mathcal{H}		retrograde	-4519 Sep 08 j 04:22	9° \mathbb{P} 48'32	
	-4521 Apr 29 j 11:58	0° \mathcal{Y}		evening set	-4519 Sep 24 j 12:37	4° \mathbb{P} 38'12	
max. Earth dist.	-4521 May 03 j 07:01	4° \mathcal{Y} 39'56	1.73521 AU	inferior conj	-4519 Sep 28 j 18:21	2° \mathbb{P} 06'59	-6°41'22
				minimum elong	-4519 Sep 29 j 05:09	1° \mathbb{P} 50'37	6°38'54
superior conj	-4521 May 06 j 09:12	8° \mathcal{Y} 28'06	-0°15'55	min. Earth dist.	-4519 Sep 28 j 23:05	1° \mathbb{P} 59'48	0.26466 AU
minimum elong	-4521 May 06 j 12:15	8° \mathcal{Y} 37'29	0°15'44		-4519 Oct 02 j 07:19	30° \mathcal{R} Ω	
behind sun begin	-4521 May 06 j 10:30	8° \mathcal{Y} 32'05		morning rise	-4519 Oct 03 j 21:34	29° Ω 05'46	
behind sun end	-4521 May 06 j 14:00	8° \mathcal{Y} 42'52		direct	-4519 Oct 19 j 00:57	24° Ω 31'44	
asc. node	-4521 May 13 j 04:57	16° \mathcal{Y} 52'15		asc. node	-4519 Oct 27 j 23:32	26° Ω 04'57	
	-4521 May 23 j 20:21	0° \mathcal{B}		greatest brilliancy	-4519 Oct 29 j 10:29	26° Ω 36'12	-4.9m
evening rise	-4521 Jun 10 j 23:19	22° \mathcal{B} 25'16			-4519 Nov 05 j 11:53	0° \mathbb{P}	
	-4521 Jun 17 j 02:05	0° Π		morning max el	-4519 Dec 08 j 13:24	27° \mathbb{P} 45'03	46°39'41
	-4521 Jul 11 j 06:03	0° \mathcal{E}			-4519 Dec 10 j 18:32	0° $\underline{\mathcal{A}}$	
	-4521 Aug 04 j 09:58	0° Ω			-4518 Jan 07 j 12:26	0° \mathbb{L}	
	-4521 Aug 28 j 15:58	0° \mathbb{P}			-4518 Feb 02 j 17:49	0° \mathcal{X}	
desc. node	-4521 Sep 02 j 01:35	5° \mathbb{P} 25'24		desc. node	-4518 Feb 16 j 23:05	16° \mathcal{X} 35'13	
	-4521 Sep 22 j 02:28	0° $\underline{\mathcal{A}}$			-4518 Feb 28 j 08:43	0° \mathcal{Z}	
	-4521 Oct 16 j 21:03	0° \mathbb{L}			-4518 Mar 25 j 15:01	0° \approx	
	-4521 Nov 11 j 07:56	0° \mathcal{X}			-4518 Apr 19 j 14:19	0° \mathcal{H}	
	-4521 Dec 08 j 10:49	0° \mathcal{Z}			-4518 May 14 j 06:57	0° \mathcal{Y}	
evening max el	-4521 Dec 13 j 21:19	5° \mathcal{Z} 34'54	46°24'40	morning set	-4518 Jun 06 j 05:52	28° \mathcal{Y} 11'28	
asc. node	-4521 Dec 23 j 20:11	15° \mathcal{Z} 13'17			-4518 Jun 07 j 17:02	0° \mathcal{B}	
	-4520 Jan 11 j 04:55	0° \approx		asc. node	-4518 Jun 09 j 17:15	2° \mathcal{B} 28'54	
greatest brilliancy	-4520 Jan 22 j 01:36	5° \approx 46'00	-4.8m		-4518 Jul 01 j 21:08	0° Π	
retrograde	-4520 Feb 01 j 22:03	7° \approx 58'18		max. Earth dist.	-4518 Jul 08 j 13:49	8° Π 21'16	1.72007 AU
evening set	-4520 Feb 19 j 16:54	1° \approx 52'20					
	-4520 Feb 22 j 16:19	30° \mathcal{R} \mathcal{Z}		superior conj	-4518 Jul 12 j 19:08	13° Π 37'53	1°07'15
inferior conj	-4520 Feb 23 j 08:25	29° \mathcal{Z} 34'15	8°06'31	minimum elong	-4518 Jul 12 j 10:26	13° Π 10'42	1°07'12
minimum elong	-4520 Feb 23 j 11:28	29° \mathcal{Z} 29'21	8°06'11		-4518 Jul 25 j 20:41	0° \mathcal{E}	
min. Earth dist.	-4520 Feb 23 j 07:41	29° \mathcal{Z} 35'24	0.29289 AU		-4518 Aug 18 j 17:54	0° Ω	
morning rise	-4520 Feb 27 j 06:08	27° \mathcal{Z} 06'32		evening rise	-4518 Aug 19 j 13:03	1° Ω 00'12	
direct	-4520 Mar 15 j 22:08	21° \mathcal{Z} 09'00			-4518 Sep 11 j 15:11	0° \mathbb{P}	
greatest brilliancy	-4520 Mar 25 j 14:16	22° \mathcal{Z} 50'12	-4.7m	desc. node	-4518 Sep 29 j 14:02	22° \mathbb{P} 28'55	
	-4520 Apr 08 j 13:39	0° \approx			-4518 Oct 05 j 14:31	0° $\underline{\mathcal{A}}$	
desc. node	-4520 Apr 13 j 19:44	3° \approx 42'40			-4518 Oct 29 j 17:23	0° \mathbb{L}	
morning max el	-4520 May 03 j 17:20	20° \approx 50'32	45°50'16		-4518 Nov 23 j 01:41	0° \mathcal{X}	
	-4520 May 13 j 00:57	0° \mathcal{H}			-4518 Dec 17 j 19:31	0° \mathcal{Z}	
	-4520 Jun 10 j 01:12	0° \mathcal{Y}			-4517 Jan 12 j 07:48	0° \approx	
	-4520 Jul 06 j 02:24	0° \mathcal{B}		asc. node	-4517 Jan 20 j 07:48	9° \approx 06'23	
	-4520 Jul 31 j 02:12	0° Π			-4517 Feb 08 j 11:24	0° \mathcal{H}	
asc. node	-4520 Aug 04 j 15:24	5° Π 33'40		evening max el	-4517 Feb 22 j 20:53	14° \mathcal{H} 30'55	45°12'27
	-4520 Aug 24 j 10:01	0° \mathcal{E}			-4517 Mar 12 j 13:10	0° \mathcal{Y}	
	-4520 Sep 17 j 08:37	0° Ω		greatest brilliancy	-4517 Apr 01 j 08:51	11° \mathcal{Y} 46'00	-4.7m
	-4520 Oct 11 j 03:39	0° \mathbb{P}		retrograde	-4517 Apr 12 j 01:31	13° \mathcal{Y} 47'42	
morning set	-4520 Nov 01 j 14:07	27° \mathbb{P} 00'23		evening set	-4517 Apr 27 j 08:01	9° \mathcal{Y} 21'07	
	-4520 Nov 03 j 23:15	0° $\underline{\mathcal{A}}$		inferior conj	-4517 May 03 j 10:54	5° \mathcal{Y} 42'30	2°01'02
desc. node	-4520 Nov 24 j 12:48	25° $\underline{\mathcal{A}}$ 47'30		minimum elong	-4517 May 03 j 15:11	5° \mathcal{Y} 35'51	1°59'50
	-4520 Nov 27 j 21:34	0° \mathbb{L}		min. Earth dist.	-4517 May 04 j 04:37	5° \mathcal{Y} 14'59	0.28893 AU
				morning rise	-4517 May 09 j 21:50	1° \mathcal{Y} 51'42	
superior conj	-4520 Dec 13 j 20:17	19° \mathbb{L} 53'54	-0°42'42	desc. node	-4517 May 12 j 06:53	0° \mathcal{Y} 38'13	
minimum elong	-4520 Dec 13 j 10:25	19° \mathbb{L} 23'11	0°42'28		-4517 May 13 j 16:00	30° \mathcal{R} \mathcal{H}	

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

direct	-4517 May 25 j 06:44	27° H 22'44			-4515 Dec 31 j 05:05	0° Z	
greatest brilliancy	-4517 Jun 05 j 07:32	29° H 33'55	-4.7m		-4514 Jan 24 j 18:13	0° \approx	
	-4517 Jun 06 j 10:03	0° Y		asc. node	-4514 Feb 16 j 19:58	27° \approx 42'33	
morning max el	-4517 Jul 13 j 19:25	28° Y 13'01	46°16'03		-4514 Feb 18 j 18:19	0° H	
	-4517 Jul 15 j 14:52	0° B			-4514 Mar 16 j 12:14	0° Y	
	-4517 Aug 12 j 15:53	0° II			-4514 Apr 12 j 13:45	0° B	
asc. node	-4517 Sep 02 j 03:14	23° II 47'26		evening max el	-4514 May 05 j 00:04	22° B 47'10	45°24'57
	-4517 Sep 07 j 08:02	0° E			-4514 May 12 j 19:54	0° II	
	-4517 Oct 01 j 23:08	0° Q		desc. node	-4514 Jun 08 j 18:21	19° II 04'09	
	-4517 Oct 26 j 03:14	0° M		greatest brilliancy	-4514 Jun 12 j 23:00	20° II 44'47	-4.8m
	-4517 Nov 19 j 04:28	0° L		retrograde	-4514 Jun 22 j 19:29	22° II 29'42	
	-4517 Dec 13 j 07:06	0° M		evening set	-4514 Jul 08 j 23:26	17° II 37'35	
desc. node	-4517 Dec 23 j 01:09	12° M 05'34		inferior conj	-4514 Jul 13 j 21:29	14° II 44'24	-7°13'45
	-4516 Jan 06 j 12:27	0° J		minimum elong	-4514 Jul 13 j 11:29	14° II 59'30	7°11'49
morning set	-4516 Jan 18 j 05:32	14° J 27'30		min. Earth dist.	-4514 Jul 14 j 04:32	14° II 33'43	0.27621 AU
	-4516 Jan 30 j 20:08	0° Z		morning rise	-4514 Jul 17 j 23:06	12° II 18'51	
	-4516 Feb 24 j 05:18	0° \approx		direct	-4514 Aug 03 j 23:37	6° II 50'04	
				greatest brilliancy	-4514 Aug 15 j 00:44	9° II 04'16	-4.9m
superior conj	-4516 Feb 25 j 20:29	2° \approx 00'23	-1°21'08		-4514 Sep 13 j 13:44	0° E	
minimum elong	-4516 Feb 26 j 00:34	2° \approx 12'56	1°21'18	morning max el	-4514 Sep 23 j 13:02	9° E 44'43	46°48'45
max. Earth dist.	-4516 Feb 26 j 22:17	3° \approx 19'41	1.73501 AU	asc. node	-4514 Sep 29 j 14:33	16° E 02'49	
	-4516 Mar 19 j 15:30	0° H			-4514 Oct 12 j 09:25	0° Q	
evening rise	-4516 Apr 02 j 14:15	17° H 06'39			-4514 Nov 07 j 06:56	0° M	
	-4516 Apr 13 j 02:36	0° Y			-4514 Dec 02 j 06:35	0° L	
asc. node	-4516 Apr 13 j 18:32	0° Y 48'46			-4514 Dec 26 j 23:42	0° M	
	-4516 May 07 j 14:46	0° B		desc. node	-4513 Jan 19 j 13:20	28° M 39'54	
	-4516 Jun 01 j 04:24	0° II			-4513 Jan 20 j 15:40	0° J	
	-4516 Jun 25 j 20:43	0° E			-4513 Feb 14 j 07:28	0° Z	
	-4516 Jul 20 j 18:18	0° Q			-4513 Mar 10 j 22:27	0° \approx	
desc. node	-4516 Aug 03 j 15:27	16° Q 31'53		morning set	-4513 Mar 29 j 08:05	22° \approx 28'10	
	-4516 Aug 15 j 02:07	0° M			-4513 Apr 04 j 11:49	0° H	
	-4516 Sep 10 j 07:15	0° L			-4513 Apr 28 j 22:54	0° Y	
evening max el	-4516 Sep 30 j 19:09	21° L 57'16	47°35'51	max. Earth dist.	-4513 May 01 j 06:07	2° Y 49'43	1.73553 AU
	-4516 Oct 08 j 22:00	0° M					
greatest brilliancy	-4516 Nov 10 j 08:45	23° M 48'26	-4.9m	superior conj	-4513 May 04 j 04:33	6° Y 26'18	-0°18'51
retrograde	-4516 Nov 20 j 21:53	25° M 56'27		minimum elong	-4513 May 04 j 08:08	6° Y 37'21	0°18'40
asc. node	-4516 Nov 24 j 10:51	25° M 40'43		asc. node	-4513 May 12 j 07:00	16° Y 24'48	
evening set	-4516 Dec 05 j 19:12	21° M 25'31			-4513 May 23 j 07:21	0° B	
min. Earth dist.	-4516 Dec 10 j 15:58	18° M 28'28	0.27362 AU	evening rise	-4513 Jun 08 j 18:34	20° B 21'51	
inferior conj	-4516 Dec 11 j 17:46	17° M 47'40	4°07'19		-4513 Jun 16 j 13:15	0° II	
minimum elong	-4516 Dec 11 j 09:54	18° M 00'06	4°05'03		-4513 Jul 10 j 17:30	0° E	
morning rise	-4516 Dec 17 j 01:35	14° M 33'12			-4513 Aug 03 j 21:46	0° Q	
direct	-4515 Jan 01 j 08:27	9° M 55'27			-4513 Aug 28 j 04:14	0° M	
greatest brilliancy	-4515 Jan 10 j 04:07	11° M 23'38	-4.8m	desc. node	-4513 Sep 01 j 03:43	4° M 53'58	
	-4515 Feb 07 j 23:12	0° J			-4513 Sep 21 j 15:21	0° L	
morning max el	-4515 Feb 19 j 10:10	10° J 31'32	46°03'07		-4513 Oct 16 j 10:52	0° M	
	-4515 Mar 10 j 15:15	0° Z			-4513 Nov 10 j 23:32	0° J	
desc. node	-4515 Mar 16 j 10:40	6° Z 11'41			-4513 Dec 08 j 07:05	0° Z	
	-4515 Apr 07 j 00:23	0° \approx		evening max el	-4513 Dec 11 j 12:41	3° Z 17'59	46°27'58
	-4515 May 03 j 02:56	0° H		asc. node	-4513 Dec 22 j 22:23	14° Z 17'06	
	-4515 May 28 j 11:14	0° Y			-4512 Jan 12 j 10:12	0° \approx	
	-4515 Jun 22 j 05:59	0° B		greatest brilliancy	-4512 Jan 19 j 18:06	3° \approx 35'18	-4.8m
asc. node	-4515 Jul 07 j 05:34	18° B 24'51		retrograde	-4512 Jan 30 j 15:47	5° \approx 49'01	
	-4515 Jul 16 j 13:56	0° II			-4512 Feb 16 j 22:26	30° R Z	
	-4515 Aug 09 j 13:50	0° E		evening set	-4512 Feb 17 j 10:29	29° Z 41'39	
morning set	-4515 Aug 15 j 05:47	7° E 07'34		inferior conj	-4512 Feb 21 j 01:25	27° Z 24'32	8°09'45
	-4515 Sep 02 j 09:03	0° Q		minimum elong	-4512 Feb 21 j 03:50	27° Z 20'41	8°09'28
				min. Earth dist.	-4512 Feb 20 j 23:10	27° Z 28'08	0.29259 AU
superior conj	-4515 Sep 23 j 19:32	27° Q 04'51	1°07'12	morning rise	-4512 Feb 24 j 21:18	24° Z 59'52	
minimum elong	-4515 Sep 24 j 06:23	27° Q 39'06	1°07'01	direct	-4512 Mar 13 j 14:29	18° Z 59'44	
max. Earth dist.	-4515 Sep 25 j 13:38	29° Q 17'45	1.70843 AU	greatest brilliancy	-4512 Mar 23 j 05:11	20° Z 40'09	-4.7m
	-4515 Sep 26 j 03:02	0° M			-4512 Apr 09 j 08:49	0° \approx	
	-4515 Oct 19 j 22:29	0° L		desc. node	-4512 Apr 12 j 21:42	2° \approx 37'21	
desc. node	-4515 Oct 27 j 02:26	8° L 59'57		morning max el	-4512 May 01 j 10:19	18° \approx 43'12	45°50'06
evening rise	-4515 Nov 05 j 06:07	20° L 28'27			-4512 May 12 j 20:09	0° H	
	-4515 Nov 12 j 20:50	0° M			-4512 Jun 09 j 15:59	0° Y	
	-4515 Dec 06 j 22:43	0° J			-4512 Jul 05 j 15:28	0° B	

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

	-4512 Jul 30 j 14:26	0°♊			-4509 Feb 08 j 05:39	0°♋	
asc. node	-4512 Aug 03 j 17:37	5°♊03'15		evening max el	-4509 Feb 20 j 12:28	12°♋19'27	45°13'43
	-4512 Aug 23 j 21:51	0°♋			-4509 Mar 13 j 01:46	0°♌	
	-4512 Sep 16 j 20:16	0°♌		greatest brilliancy	-4509 Mar 30 j 01:39	9°♌38'30	-4.7m
	-4512 Oct 10 j 15:11	0°♍		retrograde	-4509 Apr 09 j 17:15	11°♌39'23	
morning set	-4512 Oct 29 j 23:50	24°♍23'57		evening set	-4509 Apr 25 j 02:00	7°♌10'25	
	-4512 Nov 03 j 10:41	0°♎		inferior conj	-4509 May 01 j 03:14	3°♌33'38	2°19'40
desc. node	-4512 Nov 23 j 14:54	25°♎18'34		minimum elong	-4509 May 01 j 08:07	3°♌26'02	2°18'19
	-4512 Nov 27 j 08:55	0°♏		min. Earth dist.	-4509 May 01 j 21:16	3°♌05'34	0.28929 AU
					-4509 May 07 j 01:16	30°♋♋	
superior conj	-4512 Dec 11 j 06:20	17°♏20'31	-0°39'21	morning rise	-4509 May 07 j 13:42	29°♋42'49	
minimum elong	-4512 Dec 10 j 20:58	16°♏51'19	0°39'06	desc. node	-4509 May 11 j 09:04	27°♋49'31	
max. Earth dist.	-4512 Dec 15 j 22:45	23°♏10'34	1.71981 AU	direct	-4509 May 22 j 23:09	25°♋13'19	
	-4512 Dec 21 j 10:24	0°♐		greatest brilliancy	-4509 Jun 02 j 23:18	27°♋23'21	-4.7m
	-4511 Jan 14 j 15:03	0°♑			-4509 Jun 08 j 17:18	0°♒	
evening rise	-4511 Jan 20 j 16:51	7°♑30'22		morning max el	-4509 Jul 11 j 10:11	25°♒57'32	46°14'51
	-4511 Feb 07 j 23:04	0°♒			-4509 Jul 15 j 12:00	0°♓	
	-4511 Mar 04 j 11:20	0°♓			-4509 Aug 12 j 07:24	0°♊	
asc. node	-4511 Mar 16 j 08:12	14°♓25'56		asc. node	-4509 Sep 01 j 05:20	23°♊12'34	
	-4511 Mar 29 j 05:18	0°♑			-4509 Sep 06 j 21:33	0°♋	
	-4511 Apr 23 j 06:56	0°♒			-4509 Oct 01 j 11:41	0°♌	
	-4511 May 18 j 19:30	0°♊			-4509 Oct 25 j 15:16	0°♍	
	-4511 Jun 14 j 02:34	0°♋			-4509 Nov 18 j 16:11	0°♎	
desc. node	-4511 Jul 06 j 05:49	23°♋58'24			-4509 Dec 12 j 18:35	0°♏	
	-4511 Jul 12 j 02:21	0°♌		desc. node	-4509 Dec 22 j 03:21	11°♏37'07	
evening max el	-4511 Jul 17 j 11:45	5°♌22'50	46°51'17		-4508 Jan 05 j 23:44	0°♐	
	-4511 Aug 15 j 20:50	0°♍		morning set	-4508 Jan 15 j 18:18	12°♐04'24	
greatest brilliancy	-4511 Aug 27 j 14:29	5°♍44'18	-4.9m		-4508 Jan 30 j 07:13	0°♑	
retrograde	-4511 Sep 05 j 16:37	7°♍17'27					
evening set	-4511 Sep 22 j 03:56	2°♍02'28		superior conj	-4508 Feb 23 j 12:55	29°♑49'47	-1°21'50
	-4511 Sep 25 j 14:26	30°♑♌		minimum elong	-4508 Feb 23 j 16:22	0°♑00'23	1°22'00
inferior conj	-4511 Sep 26 j 06:12	29°♑36'05	-6°57'22		-4508 Feb 23 j 16:15	0°♒	
minimum elong	-4511 Sep 26 j 16:55	29°♑19'51	6°55'03	max. Earth dist.	-4508 Feb 24 j 18:48	1°♒21'36	1.73466 AU
min. Earth dist.	-4511 Sep 26 j 11:13	29°♑28'30	0.26489 AU		-4508 Mar 19 j 02:23	0°♓	
morning rise	-4511 Oct 01 j 05:51	26°♑40'02		evening rise	-4508 Mar 31 j 08:38	15°♓02'19	
direct	-4511 Oct 16 j 13:55	22°♑00'54		asc. node	-4508 Apr 12 j 20:36	0°♑21'28	
greatest brilliancy	-4511 Oct 26 j 22:58	24°♑05'13	-4.9m		-4508 Apr 12 j 13:35	0°♒	
asc. node	-4511 Oct 27 j 01:39	24°♑07'48			-4508 May 07 j 02:00	0°♓	
	-4511 Nov 07 j 01:27	0°♍			-4508 May 31 j 16:02	0°♊	
morning max el	-4511 Dec 06 j 03:18	25°♍19'52	46°40'42		-4508 Jun 25 j 08:57	0°♋	
	-4511 Dec 10 j 16:41	0°♎			-4508 Jul 20 j 07:26	0°♌	
	-4510 Jan 07 j 04:47	0°♏		desc. node	-4508 Aug 02 j 17:37	15°♌57'19	
	-4510 Feb 02 j 07:46	0°♐			-4508 Aug 14 j 16:45	0°♍	
desc. node	-4510 Feb 16 j 01:14	16°♐02'49			-4508 Sep 10 j 00:54	0°♎	
	-4510 Feb 27 j 21:24	0°♑		evening max el	-4508 Sep 28 j 09:12	19°♎33'22	47°36'19
	-4510 Mar 25 j 02:56	0°♒			-4508 Oct 09 j 00:50	0°♏	
	-4510 Apr 19 j 01:45	0°♓		greatest brilliancy	-4508 Nov 08 j 01:15	21°♏27'16	-4.9m
	-4510 May 13 j 18:04	0°♑		retrograde	-4508 Nov 18 j 12:05	23°♏33'23	
morning set	-4510 Jun 04 j 00:26	26°♑06'51		asc. node	-4508 Nov 23 j 13:04	23°♏01'26	
	-4510 Jun 07 j 04:00	0°♒		evening set	-4508 Dec 03 j 08:10	19°♏05'24	
asc. node	-4510 Jun 08 j 19:29	2°♒01'58		min. Earth dist.	-4508 Dec 08 j 07:09	16°♏05'26	0.27291 AU
	-4510 Jul 01 j 08:05	0°♊		inferior conj	-4508 Dec 09 j 08:09	15°♏25'57	3°48'08
max. Earth dist.	-4510 Jul 06 j 03:42	6°♊00'33	1.72068 AU	minimum elong	-4508 Dec 09 j 00:44	15°♏37'40	3°45'56
				morning rise	-4508 Dec 14 j 18:12	12°♏08'17	
superior conj	-4510 Jul 10 j 12:12	11°♊26'53	1°05'14	direct	-4508 Dec 29 j 21:37	7°♏34'52	
minimum elong	-4510 Jul 10 j 03:23	10°♊59'22	1°05'11	greatest brilliancy	-4507 Jan 07 j 19:10	9°♏04'17	-4.8m
	-4510 Jul 25 j 07:43	0°♋			-4507 Feb 08 j 03:54	0°♐	
evening rise	-4510 Aug 17 j 02:30	28°♋36'25		morning max el	-4507 Feb 16 j 23:28	8°♐12'12	46°04'11
	-4510 Aug 18 j 05:06	0°♌			-4507 Mar 10 j 08:44	0°♑	
	-4510 Sep 11 j 02:35	0°♍		desc. node	-4507 Mar 15 j 12:40	5°♑32'21	
desc. node	-4510 Sep 28 j 16:01	21°♍58'58			-4507 Apr 06 j 14:31	0°♎	
	-4510 Oct 05 j 02:09	0°♎			-4507 May 02 j 15:30	0°♏	
	-4510 Oct 29 j 05:17	0°♏			-4507 May 27 j 23:00	0°♑	
	-4510 Nov 22 j 14:00	0°♐			-4507 Jun 21 j 17:20	0°♒	
	-4510 Dec 17 j 08:32	0°♑		asc. node	-4507 Jul 06 j 07:42	17°♒56'55	
	-4509 Jan 11 j 22:17	0°♒			-4507 Jul 16 j 01:04	0°♊	
asc. node	-4509 Jan 19 j 10:03	8°♒29'53			-4507 Aug 09 j 00:52	0°♋	

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

morning set	-4507 Aug 12 j 19:38	4°☿45'22		inferior conj	-4504 Feb 18 j 18:26	25°♊15'48	8°12'21
	-4507 Sep 01 j 20:03	0°♌		minimum elong	-4504 Feb 18 j 20:10	25°♊13'01	8°12'06
				min. Earth dist.	-4504 Feb 18 j 14:22	25°♊22'18	0.29231 AU
superior conj	-4507 Sep 21 j 06:22	24°♌32'41	1°09'26	morning rise	-4504 Feb 22 j 12:40	22°♊53'48	
minimum elong	-4507 Sep 21 j 16:51	25°♌05'47	1°09'18	direct	-4504 Mar 11 j 07:22	16°♊51'34	
max. Earth dist.	-4507 Sep 22 j 16:31	26°♌20'31	1.70843 AU	greatest brilliancy	-4504 Mar 20 j 19:36	18°♊30'28	-4.7m
	-4507 Sep 25 j 14:04	0°♍			-4504 Apr 09 j 22:43	0°♋	
	-4507 Oct 19 j 09:33	0°♎		desc. node	-4504 Apr 11 j 23:56	1°♋34'58	
desc. node	-4507 Oct 26 j 04:35	8°♎31'59		morning max el	-4504 Apr 29 j 03:30	16°♋37'06	45°49'47
evening rise	-4507 Nov 02 j 14:55	17°♎50'57			-4504 May 12 j 14:36	0°♌	
	-4507 Nov 12 j 07:58	0°♏			-4504 Jun 09 j 06:24	0°♍	
	-4507 Dec 06 j 09:56	0°♐			-4504 Jul 05 j 04:13	0°♎	
	-4507 Dec 30 j 16:28	0°♑			-4504 Jul 30 j 02:22	0°♏	
	-4506 Jan 24 j 05:57	0°♒		asc. node	-4504 Aug 02 j 19:43	4°♏33'22	
asc. node	-4506 Feb 15 j 21:59	27°♒11'49			-4504 Aug 23 j 09:22	0°♐	
	-4506 Feb 18 j 06:45	0°♓			-4504 Sep 16 j 07:34	0°♑	
	-4506 Mar 16 j 02:08	0°♈			-4504 Oct 10 j 02:23	0°♒	
	-4506 Apr 12 j 06:57	0°♉		morning set	-4504 Oct 27 j 09:40	21°♒48'51	
evening max el	-4506 May 02 j 13:56	20°♉30'33	45°23'04		-4504 Nov 02 j 21:48	0°♓	
	-4506 May 13 j 00:23	0°♊		desc. node	-4504 Nov 22 j 17:05	24°♓50'53	
desc. node	-4506 Jun 07 j 20:32	17°♊25'17			-4504 Nov 26 j 19:56	0°♔	
greatest brilliancy	-4506 Jun 10 j 10:31	18°♊24'05	-4.8m				
retrograde	-4506 Jun 20 j 09:04	20°♊10'44		superior conj	-4504 Dec 08 j 16:26	14°♋48'07	-0°35'54
evening set	-4506 Jul 06 j 09:10	15°♊22'57		minimum elong	-4504 Dec 08 j 07:38	14°♋20'41	0°35'39
inferior conj	-4506 Jul 11 j 11:01	12°♊24'39	-7°00'08	max. Earth dist.	-4504 Dec 13 j 12:09	20°♋48'43	1.71920 AU
minimum elong	-4506 Jul 11 j 00:47	12°♊40'06	6°58'03		-4504 Dec 20 j 21:20	0°♌	
min. Earth dist.	-4506 Jul 11 j 18:04	12°♊13'59	0.27665 AU		-4503 Jan 14 j 01:56	0°♍	
morning rise	-4506 Jul 15 j 15:59	9°♊54'32		evening rise	-4503 Jan 18 j 06:49	5°♍11'47	
direct	-4506 Aug 01 j 13:55	4°♊29'14			-4503 Feb 07 j 09:58	0°♎	
greatest brilliancy	-4506 Aug 12 j 15:36	6°♊44'12	-4.9m		-4503 Mar 03 j 22:25	0°♏	
	-4506 Sep 13 j 16:21	0°♋		asc. node	-4503 Mar 15 j 10:19	13°♏58'13	
morning max el	-4506 Sep 21 j 03:37	7°♋22'35	46°48'21		-4503 Mar 28 j 16:48	0°♐	
asc. node	-4506 Sep 28 j 16:38	15°♋14'38			-4503 Apr 22 j 19:11	0°♑	
	-4506 Oct 12 j 02:44	0°♌			-4503 May 18 j 09:04	0°♒	
	-4506 Nov 06 j 21:21	0°♍			-4503 Jun 13 j 18:38	0°♓	
	-4506 Dec 01 j 19:35	0°♎		desc. node	-4503 Jul 05 j 07:57	23°♓11'19	
	-4506 Dec 26 j 11:52	0°♏			-4503 Jul 12 j 00:34	0°♔	
desc. node	-4505 Jan 18 j 15:27	28°♏11'00		evening max el	-4503 Jul 15 j 01:30	3°♔00'29	46°48'08
	-4505 Jan 20 j 03:16	0°♐			-4503 Aug 17 j 15:05	0°♕	
	-4505 Feb 13 j 18:40	0°♑		greatest brilliancy	-4503 Aug 25 j 02:26	3°♕14'42	-4.9m
	-4505 Mar 10 j 09:24	0°♒		retrograde	-4503 Sep 03 j 04:33	4°♕47'11	
morning set	-4505 Mar 27 j 02:19	20°♒24'04			-4503 Sep 18 j 20:44	30°♕♌	
	-4505 Apr 03 j 22:36	0°♓		evening set	-4503 Sep 19 j 19:20	29°♕27'53	
	-4505 Apr 28 j 09:38	0°♈		inferior conj	-4503 Sep 23 j 18:08	27°♕06'17	-7°12'35
max. Earth dist.	-4505 Apr 29 j 05:35	1°♈01'20	1.73582 AU	minimum elong	-4503 Sep 24 j 04:38	26°♕50'19	7°10'25
				min. Earth dist.	-4503 Sep 23 j 23:34	26°♕58'02	0.26510 AU
superior conj	-4505 May 01 j 23:29	4°♈23'56	-0°21'47	morning rise	-4503 Sep 28 j 13:56	24°♕15'27	
minimum elong	-4505 May 02 j 03:36	4°♈36'38	0°21'36	direct	-4503 Oct 14 j 02:35	19°♕31'12	
asc. node	-4505 May 11 j 09:13	15°♈58'41		greatest brilliancy	-4503 Oct 24 j 11:40	21°♕35'20	-4.9m
	-4505 May 22 j 18:07	0°♉		asc. node	-4503 Oct 26 j 03:59	22°♕16'24	
evening rise	-4505 Jun 06 j 13:31	18°♉18'26			-4503 Nov 08 j 03:33	0°♕	
	-4505 Jun 16 j 00:10	0°♊		morning max el	-4503 Dec 03 j 16:21	22°♕53'10	46°41'41
	-4505 Jul 10 j 04:40	0°♋			-4503 Dec 10 j 13:43	0°♎	
	-4505 Aug 03 j 09:19	0°♌			-4502 Jan 06 j 20:34	0°♏	
	-4505 Aug 27 j 16:15	0°♍			-4502 Feb 01 j 21:19	0°♐	
desc. node	-4505 Aug 31 j 05:42	4°♍22'55		desc. node	-4502 Feb 15 j 03:15	15°♐31'03	
	-4505 Sep 21 j 03:58	0°♎			-4502 Feb 27 j 09:44	0°♑	
	-4505 Oct 16 j 00:24	0°♏			-4502 Mar 24 j 14:32	0°♒	
	-4505 Nov 10 j 14:54	0°♐			-4502 Apr 18 j 12:53	0°♓	
	-4505 Dec 08 j 03:28	0°♑			-4502 May 13 j 04:58	0°♔	
evening max el	-4505 Dec 09 j 04:57	1°♑04'37	46°31'17	morning set	-4502 Jun 01 j 18:52	24°♔02'22	
asc. node	-4505 Dec 22 j 00:34	13°♑21'08			-4502 Jun 06 j 14:49	0°♕	
	-4504 Jan 14 j 04:01	0°♒		asc. node	-4502 Jun 07 j 21:37	1°♕35'07	
greatest brilliancy	-4504 Jan 17 j 10:25	1°♒25'42	-4.8m		-4502 Jun 30 j 18:55	0°♊	
retrograde	-4504 Jan 28 j 09:37	3°♒40'44		max. Earth dist.	-4502 Jul 03 j 17:06	3°♊38'46	1.72134 AU
	-4504 Feb 10 j 20:50	30°♒♑					
evening set	-4504 Feb 15 j 03:52	27°♑32'27		superior conj	-4502 Jul 08 j 05:06	9°♊15'49	1°03'08

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

minimum elong	-4502 Jul 07 j 20:14	8° Π 48'09	1°03'03	greatest brilliancy	-4499 Jan 05 j 10:07	6° \mathbb{M} 44'19	-4.8m
	-4502 Jul 24 j 18:40	0° \ominus			-4499 Feb 08 j 06:58	0° X	
evening rise	-4502 Aug 14 j 15:49	26° \ominus 12'44		morning max el	-4499 Feb 14 j 13:32	5° X 54'28	46°05'23
	-4502 Aug 17 j 16:11	0° Ω			-4499 Mar 10 j 01:54	0° Z	
	-4502 Sep 10 j 13:51	0° \mathbb{M}		desc. node	-4499 Mar 14 j 14:52	4° Z 53'53	
desc. node	-4502 Sep 27 j 18:11	21° \mathbb{M} 30'03			-4499 Apr 06 j 04:32	0° \approx	
	-4502 Oct 04 j 13:37	0° $\underline{\Omega}$			-4499 May 02 j 04:04	0° X	
	-4502 Oct 28 j 17:03	0° \mathbb{M}			-4499 May 27 j 10:47	0° Y	
	-4502 Nov 22 j 02:11	0° X			-4499 Jun 21 j 04:42	0° Z	
	-4502 Dec 16 j 21:27	0° Z		asc. node	-4499 Jul 05 j 09:48	17° Z 28'42	
	-4501 Jan 11 j 12:42	0° \approx			-4499 Jul 15 j 12:15	0° Π	
asc. node	-4501 Jan 18 j 12:08	7° \approx 53'15			-4499 Aug 08 j 12:00	0° \ominus	
	-4501 Feb 08 j 00:07	0° X		morning set	-4499 Aug 10 j 09:42	2° \ominus 23'35	
evening max el	-4501 Feb 18 j 03:22	10° X 06'57	45°15'07		-4499 Sep 01 j 07:14	0° Ω	
	-4501 Mar 13 j 18:10	0° Y					
greatest brilliancy	-4501 Mar 27 j 18:25	7° Y 31'49	-4.7m	superior conj	-4499 Sep 18 j 17:02	21° Ω 59'20	1°11'32
retrograde	-4501 Apr 07 j 08:59	9° Y 32'20		minimum elong	-4499 Sep 19 j 03:04	22° Ω 31'00	1°11'26
evening set	-4501 Apr 22 j 20:10	5° Y 00'28		max. Earth dist.	-4499 Sep 19 j 21:34	23° Ω 29'26	1.70852 AU
inferior conj	-4501 Apr 28 j 19:44	1° Y 25'55	2°37'54		-4499 Sep 25 j 01:19	0° \mathbb{M}	
minimum elong	-4501 Apr 29 j 01:11	1° Y 17'25	2°36'25		-4499 Oct 18 j 20:53	0° $\underline{\Omega}$	
min. Earth dist.	-4501 Apr 29 j 14:14	0° Y 57'03	0.28968 AU	desc. node	-4499 Oct 25 j 06:45	8° $\underline{\Omega}$ 03'11	
	-4501 May 01 j 03:02	30° R X		evening rise	-4499 Oct 30 j 23:13	15° $\underline{\Omega}$ 11'02	
morning rise	-4501 May 05 j 05:35	27° X 35'19			-4499 Nov 11 j 19:21	0° \mathbb{M}	
desc. node	-4501 May 10 j 11:15	25° X 05'47			-4499 Dec 05 j 21:23	0° X	
direct	-4501 May 20 j 15:20	23° X 04'46			-4499 Dec 30 j 04:04	0° Z	
greatest brilliancy	-4501 May 31 j 15:46	25° X 14'23	-4.7m		-4498 Jan 23 j 17:54	0° \approx	
	-4501 Jun 10 j 04:44	0° Y		asc. node	-4498 Feb 15 j 00:09	26° \approx 40'55	
morning max el	-4501 Jul 09 j 00:59	23° Y 42'26	46°13'30		-4498 Feb 17 j 19:27	0° X	
	-4501 Jul 15 j 08:23	0° Z			-4498 Mar 15 j 16:20	0° Y	
	-4501 Aug 11 j 22:44	0° Π			-4498 Apr 12 j 00:40	0° Z	
asc. node	-4501 Aug 31 j 07:26	22° Π 37'50		evening max el	-4498 Apr 30 j 05:05	18° Z 16'55	45°21'21
	-4501 Sep 06 j 11:00	0° \ominus			-4498 May 13 j 06:56	0° Π	
	-4501 Oct 01 j 00:13	0° Ω		desc. node	-4498 Jun 06 j 22:37	15° Π 43'02	
	-4501 Oct 25 j 03:15	0° \mathbb{M}		greatest brilliancy	-4498 Jun 07 j 22:09	16° Π 04'06	-4.7m
	-4501 Nov 18 j 03:49	0° $\underline{\Omega}$		retrograde	-4498 Jun 17 j 23:14	17° Π 52'31	
	-4501 Dec 12 j 05:58	0° \mathbb{M}		evening set	-4498 Jul 03 j 19:29	13° Π 09'02	
desc. node	-4501 Dec 21 j 05:23	11° \mathbb{M} 08'23		inferior conj	-4498 Jul 09 j 00:53	10° Π 05'42	-6°45'58
	-4500 Jan 05 j 10:55	0° X		minimum elong	-4498 Jul 08 j 14:31	10° Π 21'20	6°43'45
morning set	-4500 Jan 13 j 06:58	9° X 41'02		min. Earth dist.	-4498 Jul 09 j 07:42	9° Π 55'24	0.27710 AU
	-4500 Jan 29 j 18:13	0° Z		morning rise	-4498 Jul 13 j 09:10	7° Π 30'57	
				direct	-4498 Jul 30 j 05:01	2° Π 09'27	
superior conj	-4500 Feb 21 j 05:29	27° Z 39'43	-1°22'24	greatest brilliancy	-4498 Aug 10 j 06:05	4° Π 24'12	-4.9m
minimum elong	-4500 Feb 21 j 08:15	27° Z 48'14	1°22'34		-4498 Sep 13 j 17:41	0° \ominus	
max. Earth dist.	-4500 Feb 22 j 13:24	29° Z 17'51	1.73428 AU	morning max el	-4498 Sep 18 j 18:48	5° \ominus 01'48	46°47'33
	-4500 Feb 23 j 03:07	0° \approx		asc. node	-4498 Sep 27 j 18:58	14° \ominus 27'22	
	-4500 Mar 18 j 13:13	0° X			-4498 Oct 11 j 19:58	0° Ω	
evening rise	-4500 Mar 29 j 03:11	12° X 58'43			-4498 Nov 06 j 11:56	0° \mathbb{M}	
asc. node	-4500 Apr 11 j 22:51	29° X 54'55			-4498 Dec 01 j 08:53	0° $\underline{\Omega}$	
	-4500 Apr 12 j 00:31	0° Y			-4498 Dec 26 j 00:21	0° \mathbb{M}	
	-4500 May 06 j 13:11	0° Z		desc. node	-4497 Jan 17 j 17:31	27° \mathbb{M} 40'54	
	-4500 May 31 j 03:40	0° Π			-4497 Jan 19 j 15:11	0° X	
	-4500 Jun 24 j 21:14	0° \ominus			-4497 Feb 13 j 06:10	0° Z	
	-4500 Jul 19 j 20:44	0° Ω			-4497 Mar 09 j 20:36	0° \approx	
desc. node	-4500 Aug 01 j 19:37	15° Ω 21'39		morning set	-4497 Mar 24 j 20:33	18° \approx 19'11	
	-4500 Aug 14 j 07:42	0° \mathbb{M}			-4497 Apr 03 j 09:38	0° X	
	-4500 Sep 09 j 19:10	0° $\underline{\Omega}$		max. Earth dist.	-4497 Apr 27 j 05:17	29° X 12'56	1.73605 AU
evening max el	-4500 Sep 25 j 22:50	17° $\underline{\Omega}$ 07'48	47°36'50		-4497 Apr 27 j 20:36	0° Y	
	-4500 Oct 09 j 05:37	0° \mathbb{M}					
greatest brilliancy	-4500 Nov 05 j 17:31	19° \mathbb{M} 04'54	-4.9m	superior conj	-4497 Apr 29 j 18:35	2° Y 21'21	-0°24'42
retrograde	-4500 Nov 16 j 02:23	21° \mathbb{M} 09'37		minimum elong	-4497 Apr 29 j 23:13	2° Y 35'37	0°24'29
asc. node	-4500 Nov 22 j 15:13	20° \mathbb{M} 15'45		asc. node	-4497 May 10 j 11:19	15° Y 31'22	
evening set	-4500 Nov 30 j 21:09	16° \mathbb{M} 43'56			-4497 May 22 j 05:08	0° Z	
min. Earth dist.	-4500 Dec 05 j 22:13	13° \mathbb{M} 41'32	0.27219 AU	evening rise	-4497 Jun 04 j 08:48	16° Z 15'17	
inferior conj	-4500 Dec 06 j 22:24	13° \mathbb{M} 03'24	3°28'20		-4497 Jun 15 j 11:19	0° Π	
minimum elong	-4500 Dec 06 j 15:29	13° \mathbb{M} 14'18	3°26'14		-4497 Jul 09 j 16:04	0° \ominus	
morning rise	-4500 Dec 12 j 10:39	9° \mathbb{M} 42'51			-4497 Aug 02 j 21:05	0° Ω	
direct	-4500 Dec 27 j 10:25	5° \mathbb{M} 13'16			-4497 Aug 27 j 04:30	0° \mathbb{M}	

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

desc. node	-4497 Aug 30 j 07:56	3° \mathbb{M} 51'50		desc. node	-4494 Feb 14 j 05:26	14° \mathbb{X} 58'53	
	-4497 Sep 20 j 16:54	0° \mathbb{L}			-4494 Feb 26 j 22:22	0° \mathbb{Z}	
	-4497 Oct 15 j 14:24	0° \mathbb{M}			-4494 Mar 24 j 02:28	0° \approx	
	-4497 Nov 10 j 06:57	0° \mathbb{X}			-4494 Apr 18 j 00:21	0° \mathbb{H}	
evening max el	-4497 Dec 06 j 21:45	28° \mathbb{X} 50'56	46°34'26		-4494 May 12 j 16:09	0° \mathbb{Y}	
	-4497 Dec 08 j 01:10	0° \mathbb{Z}		morning set	-4494 May 30 j 13:14	21° \mathbb{Y} 56'51	
asc. node	-4497 Dec 21 j 02:40	12° \mathbb{Z} 22'10			-4494 Jun 06 j 01:52	0° \mathbb{B}	
greatest brilliancy	-4496 Jan 15 j 03:14	29° \mathbb{Z} 14'46	-4.8m	asc. node	-4494 Jun 06 j 23:38	1° \mathbb{B} 07'13	
	-4496 Jan 17 j 05:43	0° \approx			-4494 Jun 30 j 06:00	0° \mathbb{H}	
retrograde	-4496 Jan 26 j 03:13	1° \approx 30'14		max. Earth dist.	-4494 Jul 01 j 08:53	1° \mathbb{H} 23'46	1.72200 AU
	-4496 Feb 03 j 15:41	30° \mathbb{R} \mathbb{Z}					
evening set	-4496 Feb 12 j 20:53	25° \mathbb{Z} 21'49		superior conj	-4494 Jul 05 j 22:06	7° \mathbb{H} 04'25	1°00'57
inferior conj	-4496 Feb 16 j 11:17	23° \mathbb{Z} 05'10	8°14'18	minimum elong	-4494 Jul 05 j 13:13	6° \mathbb{H} 36'42	1°00'51
minimum elong	-4496 Feb 16 j 12:22	23° \mathbb{Z} 03'26	8°14'05		-4494 Jul 24 j 05:52	0° \mathbb{G}	
min. Earth dist.	-4496 Feb 16 j 05:29	23° \mathbb{Z} 14'27	0.29193 AU	evening rise	-4494 Aug 12 j 05:33	23° \mathbb{G} 49'39	
morning rise	-4496 Feb 20 j 04:04	20° \mathbb{Z} 45'21			-4494 Aug 17 j 03:32	0° \mathbb{Q}	
direct	-4496 Mar 09 j 00:08	14° \mathbb{Z} 41'51			-4494 Sep 10 j 01:22	0° \mathbb{M}	
greatest brilliancy	-4496 Mar 18 j 09:29	16° \mathbb{Z} 18'40	-4.7m	desc. node	-4494 Sep 26 j 20:20	21° \mathbb{M} 00'16	
	-4496 Apr 10 j 09:38	0° \approx			-4494 Oct 04 j 01:21	0° \mathbb{L}	
desc. node	-4496 Apr 11 j 02:09	0° \approx 32'58			-4494 Oct 28 j 05:03	0° \mathbb{M}	
morning max el	-4496 Apr 26 j 20:04	14° \approx 28'33	45°49'31		-4494 Nov 21 j 14:36	0° \mathbb{X}	
	-4496 May 12 j 08:58	0° \mathbb{H}			-4494 Dec 16 j 10:37	0° \mathbb{Z}	
	-4496 Jun 08 j 20:57	0° \mathbb{Y}			-4493 Jan 11 j 03:31	0° \approx	
	-4496 Jul 04 j 17:10	0° \mathbb{B}		asc. node	-4493 Jan 17 j 14:16	7° \approx 15'45	
	-4496 Jul 29 j 14:31	0° \mathbb{H}			-4493 Feb 07 j 19:23	0° \mathbb{H}	
asc. node	-4496 Aug 01 j 21:49	4° \mathbb{H} 02'45		evening max el	-4493 Feb 15 j 17:56	7° \mathbb{H} 52'40	45°16'31
	-4496 Aug 22 j 21:07	0° \mathbb{G}			-4493 Mar 14 j 17:07	0° \mathbb{Y}	
	-4496 Sep 15 j 19:07	0° \mathbb{Q}		greatest brilliancy	-4493 Mar 25 j 10:41	5° \mathbb{Y} 23'30	-4.7m
	-4496 Oct 09 j 13:50	0° \mathbb{M}		retrograde	-4493 Apr 05 j 00:57	7° \mathbb{Y} 24'26	
morning set	-4496 Oct 24 j 19:51	19° \mathbb{M} 14'01		evening set	-4493 Apr 20 j 14:24	2° \mathbb{Y} 49'14	
	-4496 Nov 02 j 09:11	0° \mathbb{L}			-4493 Apr 25 j 08:43	30° \mathbb{R} \mathbb{H}	
desc. node	-4496 Nov 21 j 19:06	24° \mathbb{L} 21'44		inferior conj	-4493 Apr 26 j 12:13	29° \mathbb{H} 17'11	2°55'58
	-4496 Nov 26 j 07:15	0° \mathbb{M}		minimum elong	-4493 Apr 26 j 18:12	29° \mathbb{H} 07'52	2°54'21
				min. Earth dist.	-4493 Apr 27 j 07:11	28° \mathbb{H} 47'37	0.29007 AU
superior conj	-4496 Dec 06 j 02:20	12° \mathbb{M} 14'00	-0°32'21	morning rise	-4493 May 02 j 21:20	25° \mathbb{H} 27'17	
minimum elong	-4496 Dec 05 j 18:13	11° \mathbb{M} 48'41	0°32'08	desc. node	-4493 May 09 j 13:16	22° \mathbb{H} 25'25	
max. Earth dist.	-4496 Dec 11 j 02:03	18° \mathbb{M} 27'15	1.71865 AU	direct	-4493 May 18 j 07:23	20° \mathbb{H} 55'11	
	-4496 Dec 20 j 08:37	0° \mathbb{X}		greatest brilliancy	-4493 May 29 j 08:32	23° \mathbb{H} 05'06	-4.7m
	-4495 Jan 13 j 13:12	0° \mathbb{Z}			-4493 Jun 11 j 06:19	0° \mathbb{Y}	
evening rise	-4495 Jan 15 j 20:16	2° \mathbb{Z} 50'14		morning max el	-4493 Jul 06 j 16:24	21° \mathbb{Y} 28'22	46°12'17
	-4495 Feb 06 j 21:17	0° \approx			-4493 Jul 15 j 04:22	0° \mathbb{B}	
	-4495 Mar 03 j 09:54	0° \mathbb{H}			-4493 Aug 11 j 14:02	0° \mathbb{H}	
asc. node	-4495 Mar 14 j 12:33	13° \mathbb{H} 29'43		asc. node	-4493 Aug 30 j 09:42	22° \mathbb{H} 03'24	
	-4495 Mar 28 j 04:40	0° \mathbb{Y}			-4493 Sep 06 j 00:29	0° \mathbb{G}	
	-4495 Apr 22 j 07:49	0° \mathbb{B}			-4493 Sep 30 j 12:49	0° \mathbb{Q}	
	-4495 May 17 j 23:04	0° \mathbb{H}			-4493 Oct 24 j 15:21	0° \mathbb{M}	
	-4495 Jun 13 j 11:18	0° \mathbb{G}			-4493 Nov 17 j 15:34	0° \mathbb{L}	
desc. node	-4495 Jul 04 j 10:02	22° \mathbb{G} 22'33			-4493 Dec 11 j 17:28	0° \mathbb{M}	
	-4495 Jul 12 j 00:01	0° \mathbb{Q}		desc. node	-4493 Dec 20 j 07:28	10° \mathbb{M} 39'31	
evening max el	-4495 Jul 12 j 14:46	0° \mathbb{Q} 36'10	46°44'55		-4492 Jan 04 j 22:11	0° \mathbb{X}	
	-4495 Aug 20 j 12:00	0° \mathbb{M}		morning set	-4492 Jan 10 j 19:40	7° \mathbb{X} 17'23	
greatest brilliancy	-4495 Aug 22 j 15:05	0° \mathbb{M} 45'36	-4.9m		-4492 Jan 29 j 05:19	0° \mathbb{Z}	
retrograde	-4495 Aug 31 j 16:05	2° \mathbb{M} 16'50					
	-4495 Sep 11 j 08:01	30° \mathbb{R} \mathbb{Q}		superior conj	-4492 Feb 18 j 22:01	25° \mathbb{Z} 29'12	-1°22'49
evening set	-4495 Sep 17 j 10:50	26° \mathbb{Q} 53'23		minimum elong	-4492 Feb 19 j 00:06	25° \mathbb{Z} 35'34	1°23'01
inferior conj	-4495 Sep 21 j 06:15	24° \mathbb{Q} 36'37	-7°26'48	max. Earth dist.	-4492 Feb 20 j 06:59	27° \mathbb{Z} 10'33	1.73395 AU
minimum elong	-4495 Sep 21 j 16:29	24° \mathbb{Q} 21'02	7°24'47		-4492 Feb 22 j 14:06	0° \approx	
min. Earth dist.	-4495 Sep 21 j 12:25	24° \mathbb{Q} 27'14	0.26531 AU		-4492 Mar 18 j 00:12	0° \mathbb{H}	
morning rise	-4495 Sep 25 j 22:05	21° \mathbb{Q} 51'03		evening rise	-4492 Mar 26 j 21:37	10° \mathbb{H} 54'18	
direct	-4495 Oct 11 j 14:51	17° \mathbb{Q} 01'25		asc. node	-4492 Apr 11 j 00:54	29° \mathbb{H} 27'11	
greatest brilliancy	-4495 Oct 22 j 00:59	19° \mathbb{Q} 05'55	-4.9m		-4492 Apr 11 j 11:38	0° \mathbb{Y}	
asc. node	-4495 Oct 25 j 06:00	20° \mathbb{Q} 28'50			-4492 May 06 j 00:33	0° \mathbb{B}	
	-4495 Nov 08 j 22:55	0° \mathbb{M}			-4492 May 30 j 15:27	0° \mathbb{H}	
morning max el	-4495 Dec 01 j 04:40	20° \mathbb{M} 23'50	46°42'37		-4492 Jun 24 j 09:42	0° \mathbb{G}	
	-4495 Dec 10 j 10:17	0° \mathbb{L}			-4492 Jul 19 j 10:13	0° \mathbb{Q}	
	-4494 Jan 06 j 12:23	0° \mathbb{M}		desc. node	-4492 Jul 31 j 21:49	14° \mathbb{Q} 46'09	
	-4494 Feb 01 j 11:06	0° \mathbb{X}			-4492 Aug 13 j 22:56	0° \mathbb{M}	

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

	-4492 Sep 09 j 13:59	0°♊		morning set	-4489 Mar 22 j 14:47	16°♊14'57	
evening max el	-4492 Sep 23 j 12:58	14°♊43'19	47°37'11		-4489 Apr 02 j 20:27	0°♋	
	-4492 Oct 09 j 12:35	0°♌		max. Earth dist.	-4489 Apr 25 j 04:26	27°♋23'33	1.73627 AU
greatest brilliancy	-4492 Nov 03 j 09:12	16°♌41'07	-4.9m		-4489 Apr 27 j 07:21	0°♍	
retrograde	-4492 Nov 13 j 16:55	18°♌45'05					
asc. node	-4492 Nov 21 j 17:20	17°♌23'48		superior conj	-4489 Apr 27 j 13:43	0°♍19'34	-0°27'34
evening set	-4492 Nov 28 j 10:06	14°♌21'14		minimum elong	-4489 Apr 27 j 18:50	0°♍35'17	0°27'20
min. Earth dist.	-4492 Dec 03 j 12:55	11°♌16'54	0.27149 AU	asc. node	-4489 May 09 j 13:22	15°♍04'32	
inferior conj	-4492 Dec 04 j 12:26	10°♌39'56	3°07'50		-4489 May 21 j 15:56	0°♎	
minimum elong	-4492 Dec 04 j 06:04	10°♌49'56	3°05'53	evening rise	-4489 Jun 02 j 04:03	14°♎12'44	
morning rise	-4492 Dec 10 j 02:51	7°♌16'53			-4489 Jun 14 j 22:18	0°♏	
direct	-4492 Dec 24 j 23:23	2°♌50'43			-4489 Jul 09 j 03:21	0°♐	
greatest brilliancy	-4491 Jan 03 j 00:36	4°♌23'19	-4.8m		-4489 Aug 02 j 08:45	0°♑	
	-4491 Feb 08 j 08:36	0°♒			-4489 Aug 26 j 16:40	0°♓	
morning max el	-4491 Feb 12 j 04:22	3°♒38'25	46°06'40	desc. node	-4489 Aug 29 j 10:01	3°♓20'41	
	-4491 Mar 09 j 18:42	0°♓			-4489 Sep 20 j 05:43	0°♊	
desc. node	-4491 Mar 13 j 17:03	4°♓15'47			-4489 Oct 15 j 04:17	0°♌	
	-4491 Apr 05 j 18:25	0°♋			-4489 Nov 09 j 23:00	0°♍	
	-4491 May 01 j 16:35	0°♋		evening max el	-4489 Dec 04 j 14:01	26°♍36'24	46°37'33
	-4491 May 26 j 22:35	0°♍			-4489 Dec 07 j 23:24	0°♓	
	-4491 Jun 20 j 16:07	0°♎		asc. node	-4489 Dec 20 j 04:51	11°♓22'48	
asc. node	-4491 Jul 04 j 11:59	17°♎00'38		greatest brilliancy	-4488 Jan 12 j 20:35	27°♓04'57	-4.8m
	-4491 Jul 14 j 23:28	0°♏		retrograde	-4488 Jan 23 j 20:21	29°♓20'01	
morning set	-4491 Aug 07 j 23:47	0°♐02'03		evening set	-4488 Feb 10 j 13:36	23°♓12'11	
	-4491 Aug 07 j 23:08	0°♐		inferior conj	-4488 Feb 14 j 04:05	20°♓55'05	8°15'32
	-4491 Aug 31 j 18:22	0°♑		minimum elong	-4488 Feb 14 j 04:29	20°♓54'28	8°15'20
				min. Earth dist.	-4488 Feb 13 j 20:51	21°♓06'42	0.29151 AU
superior conj	-4491 Sep 16 j 03:49	19°♑26'29	1°13'29	morning rise	-4488 Feb 17 j 19:36	18°♓36'59	
minimum elong	-4491 Sep 16 j 13:16	19°♑56'21	1°13'25	direct	-4488 Mar 06 j 16:36	12°♓32'44	
max. Earth dist.	-4491 Sep 17 j 05:09	20°♑46'28	1.70862 AU	greatest brilliancy	-4488 Mar 15 j 23:41	14°♓07'40	-4.7m
	-4491 Sep 24 j 12:31	0°♒		desc. node	-4488 Apr 10 j 04:07	29°♓32'46	
	-4491 Oct 18 j 08:10	0°♊			-4488 Apr 10 j 17:21	0°♋	
desc. node	-4491 Oct 24 j 08:43	7°♊33'54		morning max el	-4488 Apr 24 j 11:46	12°♋18'45	45°49'23
evening rise	-4491 Oct 28 j 07:33	12°♊31'19			-4488 May 12 j 02:33	0°♋	
	-4491 Nov 11 j 06:42	0°♌			-4488 Jun 08 j 11:00	0°♍	
	-4491 Dec 05 j 08:48	0°♍			-4488 Jul 04 j 05:44	0°♎	
	-4491 Dec 29 j 15:38	0°♓			-4488 Jul 29 j 02:22	0°♏	
	-4490 Jan 23 j 05:49	0°♋		asc. node	-4488 Aug 01 j 00:03	3°♏33'24	
asc. node	-4490 Feb 14 j 02:23	26°♋10'24			-4488 Aug 22 j 08:37	0°♐	
	-4490 Feb 17 j 08:06	0°♋			-4488 Sep 15 j 06:27	0°♑	
	-4490 Mar 15 j 06:34	0°♍			-4488 Oct 09 j 01:04	0°♒	
	-4490 Apr 11 j 18:41	0°♎		morning set	-4488 Oct 22 j 05:41	16°♒38'34	
evening max el	-4490 Apr 27 j 20:42	16°♎04'42	45°19'29		-4488 Nov 01 j 20:19	0°♊	
	-4490 May 13 j 15:56	0°♏		desc. node	-4488 Nov 20 j 21:12	23°♊53'38	
greatest brilliancy	-4490 Jun 05 j 09:57	13°♏44'23	-4.7m		-4488 Nov 25 j 18:19	0°♌	
desc. node	-4490 Jun 06 j 00:45	13°♏56'48					
retrograde	-4490 Jun 15 j 13:00	15°♏33'55		superior conj	-4488 Dec 03 j 11:53	9°♏39'35	-0°28'43
evening set	-4490 Jul 01 j 05:50	10°♏54'57		minimum elong	-4488 Dec 03 j 04:31	9°♏16'38	0°28'31
inferior conj	-4490 Jul 06 j 14:36	7°♏46'35	-6°31'00	max. Earth dist.	-4488 Dec 08 j 15:41	16°♏05'46	1.71804 AU
minimum elong	-4490 Jul 06 j 04:11	8°♏02'19	6°28'41		-4488 Dec 19 j 19:37	0°♒	
min. Earth dist.	-4490 Jul 06 j 21:17	7°♏36'29	0.27753 AU	evening rise	-4487 Jan 13 j 09:26	0°♓28'36	
morning rise	-4490 Jul 11 j 02:11	5°♏07'04			-4487 Jan 13 j 00:11	0°♓	
	-4490 Jul 24 j 21:47	30°♑♎			-4487 Feb 06 j 08:19	0°♋	
direct	-4490 Jul 27 j 20:08	29°♑49'41			-4487 Mar 02 j 21:06	0°♋	
	-4490 Jul 30 j 19:20	0°♏		asc. node	-4487 Mar 13 j 14:35	13°♑01'27	
greatest brilliancy	-4490 Aug 07 j 20:12	2°♏03'38	-4.9m		-4487 Mar 27 j 16:17	0°♍	
	-4490 Sep 13 j 17:47	0°♐			-4487 Apr 21 j 20:11	0°♎	
morning max el	-4490 Sep 16 j 09:16	2°♐39'36	46°46'45		-4487 May 17 j 12:51	0°♏	
asc. node	-4490 Sep 26 j 21:01	13°♐40'22			-4487 Jun 13 j 03:53	0°♐	
	-4490 Oct 11 j 12:45	0°♑		desc. node	-4487 Jul 03 j 12:13	21°♐34'20	
	-4490 Nov 06 j 02:12	0°♒		evening max el	-4487 Jul 10 j 02:46	28°♐09'52	46°41'31
	-4490 Nov 30 j 21:54	0°♊			-4487 Jul 12 j 00:07	0°♑	
	-4490 Dec 25 j 12:36	0°♌		greatest brilliancy	-4487 Aug 20 j 03:43	28°♑17'02	-4.9m
desc. node	-4489 Jan 16 j 19:40	27°♌11'41		retrograde	-4487 Aug 29 j 03:01	29°♑47'00	
	-4489 Jan 19 j 02:53	0°♍		evening set	-4487 Sep 15 j 02:04	24°♑19'07	
	-4489 Feb 12 j 17:28	0°♓		inferior conj	-4487 Sep 18 j 18:11	22°♑07'15	-7°40'01
	-4489 Mar 09 j 07:36	0°♋		minimum elong	-4487 Sep 19 j 04:04	21°♑52'14	7°38'11

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

min. Earth dist.	-4487 Sep 19 j 01:21	21°Ω56'22	0.26561 AU		-4484 Mar 17 j 10:57	0°✠	
morning rise	-4487 Sep 23 j 05:57	19°Ω27'13		evening rise	-4484 Mar 24 j 15:46	8°✠49'51	
direct	-4487 Oct 09 j 02:43	14°Ω31'30		asc. node	-4484 Apr 10 j 02:58	29°✠00'13	
greatest brilliancy	-4487 Oct 19 j 14:52	16°Ω37'23	-4.9m		-4484 Apr 10 j 22:30	0°Υ	
asc. node	-4487 Oct 24 j 08:10	18°Ω45'42			-4484 May 05 j 11:42	0°⋈	
	-4487 Nov 09 j 13:17	0°♏			-4484 May 30 j 03:04	0°♐	
morning max el	-4487 Nov 28 j 16:47	17°♏54'11	46°43'39		-4484 Jun 23 j 21:59	0°♑	
	-4487 Dec 10 j 06:04	0°♒			-4484 Jul 18 j 23:33	0°♓	
	-4486 Jan 06 j 03:45	0°♓		desc. node	-4484 Jul 30 j 23:58	14°♓11'05	
	-4486 Feb 01 j 00:28	0°♈			-4484 Aug 13 j 14:04	0°♏	
desc. node	-4486 Feb 13 j 07:35	14°♈27'40			-4484 Sep 09 j 08:55	0°♒	
	-4486 Feb 26 j 10:38	0°♉		evening max el	-4484 Sep 21 j 03:59	12°♒22'12	47°37'23
	-4486 Mar 23 j 14:01	0°♊			-4484 Oct 09 j 21:37	0°♋	
	-4486 Apr 17 j 11:28	0°♋		greatest brilliancy	-4484 Nov 01 j 00:07	14°♋17'08	-4.9m
	-4486 May 12 j 03:00	0°♌		retrograde	-4484 Nov 11 j 07:43	16°♋20'57	
morning set	-4486 May 28 j 07:48	19°♌52'59		asc. node	-4484 Nov 20 j 19:33	14°♋26'56	
	-4486 Jun 05 j 12:37	0°♍		evening set	-4484 Nov 25 j 23:11	11°♋58'37	
asc. node	-4486 Jun 06 j 01:52	0°♍40'55		min. Earth dist.	-4484 Dec 01 j 03:15	8°♋52'50	0.27085 AU
max. Earth dist.	-4486 Jun 29 j 03:09	29°♍17'36	1.72263 AU	inferior conj	-4484 Dec 02 j 02:21	8°♋16'38	2°46'56
	-4486 Jun 29 j 16:46	0°♎		minimum elong	-4484 Dec 01 j 20:36	8°♋25'39	2°45'06
				morning rise	-4484 Dec 07 j 18:52	4°♋51'20	
superior conj	-4486 Jul 03 j 15:26	4°♎55'09	0°58'40	direct	-4484 Dec 22 j 12:53	0°♋28'25	
minimum elong	-4486 Jul 03 j 06:35	4°♎27'32	0°58'34	greatest brilliancy	-4484 Dec 31 j 14:41	2°♋02'01	-4.8m
	-4486 Jul 23 j 16:43	0°♏			-4483 Feb 08 j 08:52	0°♈	
evening rise	-4486 Aug 09 j 19:47	21°♏29'17		morning max el	-4483 Feb 09 j 19:53	1°♈24'13	46°07'49
	-4486 Aug 16 j 14:33	0°♓			-4483 Mar 09 j 11:05	0°♉	
	-4486 Sep 09 j 12:36	0°♏		desc. node	-4483 Mar 12 j 19:02	3°♉37'49	
desc. node	-4486 Sep 25 j 22:19	20°♏30'49			-4483 Apr 05 j 08:03	0°♊	
	-4486 Oct 03 j 12:51	0°♐			-4483 May 01 j 04:54	0°♋	
	-4486 Oct 27 j 16:52	0°♑			-4483 May 26 j 10:12	0°♌	
	-4486 Nov 21 j 02:51	0°♒			-4483 Jun 20 j 03:21	0°♍	
	-4486 Dec 15 j 23:38	0°♓		asc. node	-4483 Jul 03 j 14:04	16°♍32'50	
	-4485 Jan 10 j 18:15	0°♔			-4483 Jul 14 j 10:30	0°♎	
asc. node	-4485 Jan 16 j 16:30	6°♔38'58		morning set	-4483 Aug 05 j 14:09	27°♎41'53	
	-4485 Feb 07 j 14:54	0°♕			-4483 Aug 07 j 10:07	0°♏	
evening max el	-4485 Feb 13 j 08:33	5°♕39'23	45°18'14		-4483 Aug 31 j 05:22	0°♓	
	-4485 Mar 16 j 00:27	0°♖					
greatest brilliancy	-4485 Mar 23 j 02:23	3°♖15'31	-4.7m	superior conj	-4483 Sep 13 j 15:08	16°♖55'46	1°15'15
retrograde	-4485 Apr 02 j 17:27	5°♖17'36		minimum elong	-4483 Sep 13 j 23:57	17°♖23'38	1°15'13
evening set	-4485 Apr 18 j 08:45	0°♖38'44		max. Earth dist.	-4483 Sep 14 j 11:26	17°♖59'53	1.70867 AU
	-4485 Apr 19 j 12:09	30°♗			-4483 Sep 23 j 23:35	0°♏	
inferior conj	-4485 Apr 24 j 04:42	27°♗09'15	3°13'42		-4483 Oct 17 j 19:17	0°♐	
minimum elong	-4485 Apr 24 j 11:11	26°♗59'09	3°11'58	desc. node	-4483 Oct 23 j 10:54	7°♐05'50	
min. Earth dist.	-4485 Apr 24 j 23:48	26°♗39'29	0.29046 AU	evening rise	-4483 Oct 25 j 16:12	9°♐53'04	
morning rise	-4485 Apr 30 j 12:58	23°♗20'32			-4483 Nov 10 j 17:52	0°♑	
desc. node	-4485 May 08 j 15:29	19°♗50'12			-4483 Dec 04 j 20:04	0°♒	
direct	-4485 May 15 j 23:44	18°♗46'22			-4483 Dec 29 j 03:05	0°♓	
greatest brilliancy	-4485 May 27 j 01:08	20°♗56'38	-4.7m		-4482 Jan 22 j 17:40	0°♔	
	-4485 Jun 12 j 00:44	0°♘		asc. node	-4482 Feb 13 j 04:23	25°♔39'19	
morning max el	-4485 Jul 04 j 08:49	19°♘17'50	46°11'13		-4482 Feb 16 j 20:45	0°♕	
	-4485 Jul 14 j 23:26	0°♙			-4482 Mar 14 j 20:53	0°♖	
	-4485 Aug 11 j 04:47	0°♐			-4482 Apr 11 j 13:05	0°♗	
asc. node	-4485 Aug 29 j 11:45	21°♐29'34		evening max el	-4482 Apr 25 j 12:16	13°♗52'37	45°17'48
	-4485 Sep 05 j 13:32	0°♑			-4482 May 14 j 03:51	0°♘	
	-4485 Sep 30 j 01:01	0°♓		greatest brilliancy	-4482 Jun 02 j 22:33	11°♘26'15	-4.7m
	-4485 Oct 24 j 03:06	0°♏		desc. node	-4482 Jun 05 j 02:56	12°♘07'11	
	-4485 Nov 17 j 03:03	0°♒		retrograde	-4482 Jun 13 j 02:26	13°♘16'08	
	-4485 Dec 11 j 04:44	0°♋		evening set	-4482 Jun 28 j 16:35	8°♘41'35	
desc. node	-4485 Dec 19 j 09:38	10°♋11'32		inferior conj	-4482 Jul 04 j 04:32	5°♘28'25	-6°15'32
	-4484 Jan 04 j 09:16	0°♌		minimum elong	-4482 Jul 03 j 18:07	5°♘44'11	6°13'09
morning set	-4484 Jan 08 j 07:46	4°♌52'17		min. Earth dist.	-4482 Jul 04 j 11:17	5°♘18'10	0.27795 AU
	-4484 Jan 28 j 16:13	0°♍		morning rise	-4482 Jul 08 j 19:18	2°♘44'02	
					-4482 Jul 14 j 05:14	30°♘	
superior conj	-4484 Feb 16 j 14:01	23°♍17'36	-1°23'08	direct	-4482 Jul 25 j 11:12	27°♘30'49	
minimum elong	-4484 Feb 16 j 15:23	23°♍21'47	1°23'21	greatest brilliancy	-4482 Aug 05 j 10:36	29°♘43'53	-4.8m
max. Earth dist.	-4484 Feb 18 j 00:34	25°♍03'51	1.73358 AU		-4482 Aug 06 j 02:52	0°♎	
	-4484 Feb 22 j 00:52	0°♏			-4482 Sep 13 j 16:48	0°♏	

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

morning max el	-4482 Sep 13 j 23:00	0°☾15'42	46°45'57		-4479 May 17 j 03:02	0°♊	
asc. node	-4482 Sep 25 j 23:06	12°☾54'17			-4479 Jun 12 j 21:06	0°☾	
	-4482 Oct 11 j 05:12	0°♊		desc. node	-4479 Jul 02 j 14:19	20°☾44'20	
	-4482 Nov 05 j 16:18	0°♊		evening max el	-4479 Jul 07 j 14:20	25°☾41'56	46°38'14
	-4482 Nov 30 j 10:47	0°♊			-4479 Jul 12 j 01:44	0°♊	
	-4482 Dec 25 j 00:44	0°♊		greatest brilliancy	-4479 Aug 17 j 16:09	25°♊47'48	-4.9m
desc. node	-4481 Jan 15 j 21:45	26°♊42'30		retrograde	-4479 Aug 26 j 14:11	27°♊17'07	
	-4481 Jan 18 j 14:30	0°♊		evening set	-4479 Sep 12 j 17:13	21°♊44'32	
	-4481 Feb 12 j 04:43	0°♊		inferior conj	-4479 Sep 16 j 06:13	19°♊37'31	-7°52'10
	-4481 Mar 08 j 18:37	0°♊		minimum elong	-4479 Sep 16 j 15:39	19°♊23'13	7°50'32
morning set	-4481 Mar 20 j 08:54	14°♊10'17		min. Earth dist.	-4479 Sep 16 j 14:13	19°♊25'23	0.26594 AU
	-4481 Apr 02 j 07:19	0°♊		morning rise	-4479 Sep 20 j 13:54	17°♊03'22	
max. Earth dist.	-4481 Apr 23 j 01:40	25°♊28'09	1.73646 AU	direct	-4479 Oct 06 j 14:42	12°♊01'01	
				greatest brilliancy	-4479 Oct 17 j 04:56	14°♊08'42	-4.9m
superior conj	-4481 Apr 25 j 08:46	28°♊17'24	-0°30'24	asc. node	-4479 Oct 23 j 10:26	17°♊06'10	
minimum elong	-4481 Apr 25 j 14:20	28°♊34'32	0°30'10		-4479 Nov 10 j 00:21	0°♊	
	-4481 Apr 26 j 18:09	0°♊		morning max el	-4479 Nov 26 j 05:34	15°♊25'19	46°44'38
asc. node	-4481 May 08 j 15:35	14°♊38'02			-4479 Dec 10 j 01:34	0°♊	
	-4481 May 21 j 02:47	0°♊			-4478 Jan 05 j 19:12	0°♊	
evening rise	-4481 May 30 j 23:14	12°♊09'52			-4478 Jan 31 j 14:01	0°♊	
	-4481 Jun 14 j 09:20	0°♊		desc. node	-4478 Feb 12 j 09:35	13°♊55'21	
	-4481 Jul 08 j 14:42	0°♊			-4478 Feb 25 j 23:05	0°♊	
	-4481 Aug 01 j 20:31	0°♊			-4478 Mar 23 j 01:47	0°♊	
	-4481 Aug 26 j 04:57	0°♊			-4478 Apr 16 j 22:47	0°♊	
desc. node	-4481 Aug 28 j 12:02	2°♊48'57			-4478 May 11 j 14:06	0°♊	
	-4481 Sep 19 j 18:42	0°♊		morning set	-4478 May 26 j 02:32	17°♊48'55	
	-4481 Oct 14 j 18:23	0°♊			-4478 Jun 04 j 23:38	0°♊	
	-4481 Nov 09 j 15:22	0°♊		asc. node	-4478 Jun 05 j 03:58	0°♊13'22	
evening max el	-4481 Dec 02 j 05:36	24°♊19'53	46°40'42	max. Earth dist.	-4478 Jun 26 j 22:24	27°♊13'34	1.72329 AU
	-4481 Dec 07 j 22:34	0°♊			-4478 Jun 29 j 03:50	0°♊	
asc. node	-4481 Dec 19 j 07:02	10°♊22'10					
greatest brilliancy	-4480 Jan 10 j 14:22	24°♊55'43	-4.8m	superior conj	-4478 Jul 01 j 08:49	2°♊45'11	0°56'20
retrograde	-4480 Jan 21 j 13:07	27°♊10'09		minimum elong	-4478 Jul 01 j 00:04	2°♊17'52	0°56'12
evening set	-4480 Feb 08 j 06:13	21°♊03'18			-4478 Jul 23 j 03:54	0°♊	
inferior conj	-4480 Feb 11 j 21:05	18°♊45'27	8°16'06	evening rise	-4478 Aug 07 j 10:10	19°♊08'25	
minimum elong	-4480 Feb 11 j 20:46	18°♊45'57	8°15'54		-4478 Aug 16 j 01:53	0°♊	
min. Earth dist.	-4480 Feb 11 j 12:41	18°♊58'57	0.29108 AU		-4478 Sep 09 j 00:08	0°♊	
morning rise	-4480 Feb 15 j 11:34	16°♊28'40		desc. node	-4478 Sep 25 j 00:29	20°♊01'02	
direct	-4480 Mar 04 j 08:53	10°♊23'56			-4478 Oct 03 j 00:39	0°♊	
greatest brilliancy	-4480 Mar 13 j 14:42	11°♊57'36	-4.7m		-4478 Oct 27 j 04:59	0°♊	
desc. node	-4480 Apr 09 j 06:21	28°♊34'24			-4478 Nov 20 j 15:27	0°♊	
	-4480 Apr 10 j 22:51	0°♊			-4478 Dec 15 j 13:06	0°♊	
morning max el	-4480 Apr 22 j 02:54	10°♊07'12	45°49'11		-4477 Jan 10 j 09:33	0°♊	
	-4480 May 11 j 19:54	0°♊		asc. node	-4477 Jan 15 j 18:33	6°♊00'22	
	-4480 Jun 08 j 01:05	0°♊			-4477 Feb 07 j 11:25	0°♊	
	-4480 Jul 03 j 18:24	0°♊		evening max el	-4477 Feb 11 j 00:05	3°♊27'24	45°20'09
	-4480 Jul 28 j 14:20	0°♊			-4477 Mar 17 j 23:54	0°♊	
asc. node	-4480 Jul 31 j 02:06	3°♊03'11		greatest brilliancy	-4477 Mar 20 j 17:54	1°♊06'52	-4.7m
	-4480 Aug 21 j 20:14	0°♊		retrograde	-4477 Mar 31 j 10:33	3°♊10'21	
	-4480 Sep 14 j 17:55	0°♊			-4477 Apr 13 j 04:31	30°♊	
	-4480 Oct 08 j 12:27	0°♊		evening set	-4477 Apr 16 j 03:22	28°♊27'54	
morning set	-4480 Oct 19 j 15:33	14°♊02'36		inferior conj	-4477 Apr 21 j 21:20	25°♊00'56	3°30'56
	-4480 Nov 01 j 07:38	0°♊		minimum elong	-4477 Apr 22 j 04:16	24°♊50'08	3°29'08
desc. node	-4480 Nov 19 j 23:22	23°♊25'05		min. Earth dist.	-4477 Apr 22 j 16:07	24°♊31'39	0.29082 AU
	-4480 Nov 25 j 05:35	0°♊		morning rise	-4477 Apr 28 j 04:37	21°♊13'42	
				desc. node	-4477 May 07 j 17:37	17°♊19'34	
superior conj	-4480 Nov 30 j 21:27	7°♊04'32	-0°25'01	direct	-4477 May 13 j 16:41	16°♊37'23	
minimum elong	-4480 Nov 30 j 14:56	6°♊44'10	0°24'49	greatest brilliancy	-4477 May 24 j 17:13	18°♊47'19	-4.7m
max. Earth dist.	-4480 Dec 06 j 02:31	13°♊34'49	1.71740 AU		-4477 Jun 12 j 14:45	0°♊	
	-4480 Dec 19 j 06:49	0°♊		morning max el	-4477 Jul 02 j 01:47	17°♊08'09	46°09'55
evening rise	-4479 Jan 10 j 22:34	28°♊06'15			-4477 Jul 14 j 18:20	0°♊	
	-4479 Jan 12 j 11:21	0°♊			-4477 Aug 10 j 19:43	0°♊	
	-4479 Feb 05 j 19:30	0°♊		asc. node	-4477 Aug 28 j 13:52	20°♊55'00	
	-4479 Mar 02 j 08:28	0°♊			-4477 Sep 05 j 02:53	0°♊	
asc. node	-4479 Mar 12 j 16:43	12°♊32'59			-4477 Sep 29 j 13:35	0°♊	
	-4479 Mar 27 j 04:05	0°♊			-4477 Oct 23 j 15:12	0°♊	
	-4479 Apr 21 j 08:51	0°♊			-4477 Nov 16 j 14:52	0°♊	

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

	-4477 Dec 10 j 16:20	0°♌		desc. node	-4474 Jun 04 j 05:01	10°♊13'04	
desc. node	-4477 Dec 18 j 11:40	9°♌42'07		retrograde	-4474 Jun 10 j 15:41	10°♊58'33	
	-4476 Jan 03 j 20:40	0°♌		evening set	-4474 Jun 26 j 03:41	6°♊28'06	
morning set	-4476 Jan 05 j 19:36	2°♌25'14		inferior conj	-4474 Jul 01 j 18:39	3°♊10'36	-5°59'40
	-4476 Jan 28 j 03:27	0°♌		minimum elong	-4474 Jul 01 j 08:19	3°♊26'18	5°57'11
				min. Earth dist.	-4474 Jul 02 j 01:51	2°♊59'41	0.27833 AU
superior conj	-4476 Feb 14 j 05:49	21°♌04'11	-1°23'20	morning rise	-4474 Jul 06 j 12:31	0°♊21'27	
minimum elong	-4476 Feb 14 j 06:26	21°♌06'03	1°23'32		-4474 Jul 07 j 03:50	30°♋	
max. Earth dist.	-4476 Feb 15 j 19:11	22°♌59'08	1.73320 AU	direct	-4474 Jul 23 j 01:52	25°♋12'18	
	-4476 Feb 21 j 12:00	0°♋		greatest brilliancy	-4474 Aug 03 j 01:35	27°♋25'00	-4.8m
	-4476 Mar 16 j 22:04	0°♋			-4474 Aug 08 j 15:17	0°♊	
evening rise	-4476 Mar 22 j 09:56	6°♋44'19		morning max el	-4474 Sep 11 j 11:44	27°♊49'09	46°45'02
asc. node	-4476 Apr 09 j 05:13	28°♋32'49			-4474 Sep 13 j 15:00	0°♋	
	-4476 Apr 10 j 09:43	0°♋		asc. node	-4474 Sep 25 j 01:27	12°♋09'17	
	-4476 May 04 j 23:10	0°♋			-4474 Oct 10 j 21:31	0°♋	
	-4476 May 29 j 14:59	0°♊			-4474 Nov 05 j 06:27	0°♋	
	-4476 Jun 23 j 10:38	0°♋			-4474 Nov 29 j 23:50	0°♋	
	-4476 Jul 18 j 13:21	0°♋			-4474 Dec 24 j 13:05	0°♌	
desc. node	-4476 Jul 30 j 01:57	13°♋34'15		desc. node	-4473 Jan 14 j 23:50	26°♌12'36	
	-4476 Aug 13 j 05:49	0°♋			-4473 Jan 18 j 02:20	0°♌	
	-4476 Sep 09 j 04:53	0°♋			-4473 Feb 11 j 16:10	0°♌	
evening max el	-4476 Sep 18 j 19:46	10°♋01'40	47°37'24		-4473 Mar 08 j 05:48	0°♋	
	-4476 Oct 10 j 10:30	0°♌		morning set	-4473 Mar 18 j 02:38	12°♋03'51	
greatest brilliancy	-4476 Oct 29 j 14:49	11°♌51'16	-4.9m		-4473 Apr 01 j 18:20	0°♋	
retrograde	-4476 Nov 08 j 22:33	13°♌54'44		max. Earth dist.	-4473 Apr 20 j 21:23	23°♋27'40	1.73664 AU
asc. node	-4476 Nov 19 j 21:40	11°♌23'16					
evening set	-4476 Nov 23 j 12:20	9°♌34'03		superior conj	-4473 Apr 23 j 03:42	26°♋14'25	-0°33'12
min. Earth dist.	-4476 Nov 28 j 17:20	6°♌27'01	0.27019 AU	minimum elong	-4473 Apr 23 j 09:43	26°♋32'53	0°32'58
inferior conj	-4476 Nov 29 j 16:05	5°♌51'26	2°25'29		-4473 Apr 26 j 05:08	0°♋	
minimum elong	-4476 Nov 29 j 10:59	5°♌59'24	2°23'49	asc. node	-4473 May 07 j 17:40	14°♋10'32	
morning rise	-4476 Dec 05 j 10:35	2°♌24'00			-4473 May 20 j 13:49	0°♋	
	-4476 Dec 10 j 11:14	30°♋		evening rise	-4473 May 28 j 18:28	10°♋06'45	
direct	-4476 Dec 20 j 02:32	28°♋04'31			-4473 Jun 13 j 20:32	0°♊	
greatest brilliancy	-4476 Dec 29 j 04:15	29°♋38'33	-4.8m		-4473 Jul 08 j 02:10	0°♋	
	-4476 Dec 30 j 04:57	0°♌			-4473 Aug 01 j 08:21	0°♋	
morning max el	-4475 Feb 07 j 10:58	29°♌07'48	46°08'54		-4473 Aug 25 j 17:17	0°♋	
	-4475 Feb 08 j 08:28	0°♌		desc. node	-4473 Aug 27 j 14:15	2°♋17'48	
	-4475 Mar 09 j 03:33	0°♌			-4473 Sep 19 j 07:46	0°♋	
desc. node	-4475 Mar 11 j 21:16	2°♌59'57			-4473 Oct 14 j 08:40	0°♌	
	-4475 Apr 04 j 21:55	0°♋			-4473 Nov 09 j 08:09	0°♌	
	-4475 Apr 30 j 17:29	0°♋		evening max el	-4473 Nov 29 j 20:11	22°♌00'02	46°43'41
	-4475 May 25 j 22:03	0°♋			-4473 Dec 07 j 23:05	0°♌	
	-4475 Jun 19 j 14:49	0°♋		asc. node	-4473 Dec 18 j 09:08	9°♌19'08	
asc. node	-4475 Jul 02 j 16:11	16°♌04'22		greatest brilliancy	-4472 Jan 08 j 08:02	22°♌44'55	-4.8m
	-4475 Jul 13 j 21:46	0°♊		retrograde	-4472 Jan 19 j 05:34	24°♌58'53	
morning set	-4475 Aug 03 j 04:51	25°♊22'10		evening set	-4472 Feb 05 j 22:15	18°♌53'20	
	-4475 Aug 06 j 21:20	0°♋		min. Earth dist.	-4472 Feb 09 j 04:28	16°♌49'29	0.29064 AU
	-4475 Aug 30 j 16:38	0°♋		inferior conj	-4472 Feb 09 j 13:50	16°♌34'24	8°15'55
				minimum elong	-4472 Feb 09 j 12:49	16°♌36'02	8°15'41
superior conj	-4475 Sep 11 j 02:39	14°♋24'54	1°16'51	morning rise	-4472 Feb 13 j 03:36	14°♌18'36	
minimum elong	-4475 Sep 11 j 10:47	14°♋50'35	1°16'52	direct	-4472 Mar 02 j 00:28	8°♌13'40	
max. Earth dist.	-4475 Sep 11 j 14:48	15°♋03'17	1.70883 AU	greatest brilliancy	-4472 Mar 11 j 05:58	9°♌46'46	-4.7m
	-4475 Sep 23 j 10:56	0°♋		desc. node	-4472 Apr 08 j 08:32	27°♌36'44	
	-4475 Oct 17 j 06:44	0°♋			-4472 Apr 11 j 02:45	0°♋	
desc. node	-4475 Oct 22 j 13:02	6°♋36'33		morning max el	-4472 Apr 19 j 17:39	7°♋54'16	45°49'09
evening rise	-4475 Oct 23 j 00:26	7°♋12'20			-4472 May 11 j 13:00	0°♋	
	-4475 Nov 10 j 05:23	0°♌			-4472 Jun 07 j 15:05	0°♋	
	-4475 Dec 04 j 07:40	0°♌			-4472 Jul 03 j 07:02	0°♋	
	-4475 Dec 28 j 14:53	0°♌			-4472 Jul 28 j 02:16	0°♊	
	-4474 Jan 22 j 05:53	0°♋		asc. node	-4472 Jul 30 j 04:14	2°♊33'13	
asc. node	-4474 Feb 12 j 06:33	25°♋07'41			-4472 Aug 21 j 07:49	0°♋	
	-4474 Feb 16 j 09:48	0°♋			-4472 Sep 14 j 05:18	0°♋	
	-4474 Mar 14 j 11:43	0°♋			-4472 Oct 07 j 23:42	0°♋	
	-4474 Apr 11 j 08:19	0°♋		morning set	-4472 Oct 17 j 01:54	11°♋28'28	
evening max el	-4474 Apr 23 j 03:12	11°♋38'15	45°16'13		-4472 Oct 31 j 18:50	0°♋	
	-4474 May 14 j 20:06	0°♊		desc. node	-4472 Nov 19 j 01:23	22°♋56'24	
greatest brilliancy	-4474 May 31 j 11:59	9°♊08'49	-4.7m		-4472 Nov 24 j 16:44	0°♌	

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

superior conj	-4472 Nov 28 j 07:05	4° \mathbb{M} 29'56	-0°21'15	direct	-4469 May 11 j 09:58	14° \mathbb{H} 29'11	
minimum elong	-4472 Nov 28 j 01:27	4° \mathbb{M} 12'19	0°21'06	greatest brilliancy	-4469 May 22 j 08:40	16° \mathbb{H} 37'55	-4.7m
max. Earth dist.	-4472 Dec 03 j 11:13	10° \mathbb{M} 57'31	1.71684 AU		-4469 Jun 13 j 00:57	0° \mathbb{Y}	
	-4472 Dec 18 j 17:57	0° \mathbb{J}		morning max el	-4469 Jun 29 j 18:41	14° \mathbb{Y} 59'08	46°08'37
evening rise	-4471 Jan 08 j 11:24	25° \mathbb{J} 43'03			-4469 Jul 14 j 12:29	0° \mathbb{B}	
	-4471 Jan 11 j 22:28	0° \mathbb{B}			-4469 Aug 10 j 10:12	0° \mathbb{I}	
	-4471 Feb 05 j 06:41	0° \approx		asc. node	-4469 Aug 27 j 16:08	20° \mathbb{I} 21'56	
	-4471 Mar 01 j 19:51	0° \mathbb{H}			-4469 Sep 04 j 15:50	0° \mathbb{G}	
asc. node	-4471 Mar 11 j 18:56	12° \mathbb{H} 04'44			-4469 Sep 29 j 01:46	0° \mathbb{Q}	
	-4471 Mar 26 j 15:56	0° \mathbb{Y}			-4469 Oct 23 j 02:58	0° \mathbb{M}	
	-4471 Apr 20 j 21:33	0° \mathbb{B}			-4469 Nov 16 j 02:20	0° \mathbb{L}	
	-4471 May 16 j 17:20	0° \mathbb{I}			-4469 Dec 10 j 03:33	0° \mathbb{M}	
	-4471 Jun 12 j 14:37	0° \mathbb{G}		desc. node	-4469 Dec 17 j 13:46	9° \mathbb{M} 14'03	
desc. node	-4471 Jul 01 j 16:26	19° \mathbb{G} 53'40		morning set	-4468 Jan 03 j 07:48	0° \mathbb{J} 00'26	
evening max el	-4471 Jul 05 j 02:15	23° \mathbb{G} 15'17	46°35'03		-4468 Jan 03 j 07:39	0° \mathbb{J}	
	-4471 Jul 12 j 04:41	0° \mathbb{Q}			-4468 Jan 27 j 14:15	0° \mathbb{B}	
greatest brilliancy	-4471 Aug 15 j 03:58	23° \mathbb{Q} 18'32	-4.9m				
retrograde	-4471 Aug 24 j 02:02	24° \mathbb{Q} 48'05		superior conj	-4468 Feb 11 j 21:50	18° \mathbb{B} 52'37	-1°23'22
evening set	-4471 Sep 10 j 08:18	19° \mathbb{Q} 10'42		minimum elong	-4468 Feb 11 j 21:40	18° \mathbb{B} 52'07	1°23'35
inferior conj	-4471 Sep 13 j 18:15	17° \mathbb{Q} 08'27	-8°03'28	max. Earth dist.	-4468 Feb 13 j 16:18	21° \mathbb{B} 03'24	1.73283 AU
minimum elong	-4471 Sep 14 j 03:10	16° \mathbb{Q} 54'57	8°02'01		-4468 Feb 20 j 22:43	0° \approx	
min. Earth dist.	-4471 Sep 14 j 02:41	16° \mathbb{Q} 55'42	0.26624 AU		-4468 Mar 16 j 08:48	0° \mathbb{H}	
morning rise	-4471 Sep 17 j 21:52	14° \mathbb{Q} 40'27		evening rise	-4468 Mar 20 j 04:13	4° \mathbb{H} 40'22	
direct	-4471 Oct 04 j 03:02	9° \mathbb{Q} 31'20		greatest brilliancy	-4468 Mar 20 j 09:43	4° \mathbb{H} 57'13	-3.9m
greatest brilliancy	-4471 Oct 14 j 18:27	11° \mathbb{Q} 40'23	-4.9m	asc. node	-4468 Apr 08 j 07:16	28° \mathbb{H} 05'53	
asc. node	-4471 Oct 22 j 12:29	15° \mathbb{Q} 30'57			-4468 Apr 09 j 20:35	0° \mathbb{Y}	
	-4471 Nov 10 j 08:07	0° \mathbb{M}			-4468 May 04 j 10:20	0° \mathbb{B}	
morning max el	-4471 Nov 23 j 19:14	12° \mathbb{M} 59'37	46°45'39		-4468 May 29 j 02:38	0° \mathbb{I}	
	-4471 Dec 09 j 20:13	0° \mathbb{L}			-4468 Jun 22 j 23:01	0° \mathbb{G}	
	-4470 Jan 05 j 10:08	0° \mathbb{M}			-4468 Jul 18 j 02:55	0° \mathbb{Q}	
	-4470 Jan 31 j 03:14	0° \mathbb{J}		desc. node	-4468 Jul 29 j 04:11	12° \mathbb{Q} 58'56	
desc. node	-4470 Feb 11 j 11:48	13° \mathbb{J} 24'28			-4468 Aug 12 j 21:27	0° \mathbb{M}	
	-4470 Feb 25 j 11:18	0° \mathbb{B}			-4468 Sep 09 j 01:05	0° \mathbb{L}	
	-4470 Mar 22 j 13:21	0° \approx		evening max el	-4468 Sep 16 j 11:37	7° \mathbb{L} 42'14	47°37'12
	-4470 Apr 16 j 09:57	0° \mathbb{H}			-4468 Oct 11 j 03:02	0° \mathbb{M}	
	-4470 May 11 j 01:01	0° \mathbb{Y}		greatest brilliancy	-4468 Oct 27 j 05:53	9° \mathbb{M} 26'45	-4.9m
morning set	-4470 May 23 j 21:05	15° \mathbb{Y} 44'54		retrograde	-4468 Nov 06 j 13:05	11° \mathbb{M} 29'06	
asc. node	-4470 Jun 04 j 06:01	29° \mathbb{Y} 46'12		asc. node	-4468 Nov 18 j 23:49	8° \mathbb{M} 15'45	
	-4470 Jun 04 j 10:29	0° \mathbb{B}		evening set	-4468 Nov 21 j 01:40	7° \mathbb{M} 10'09	
max. Earth dist.	-4470 Jun 24 j 17:23	25° \mathbb{B} 09'27	1.72391 AU	min. Earth dist.	-4468 Nov 26 j 07:35	4° \mathbb{M} 01'43	0.26951 AU
	-4470 Jun 28 j 14:42	0° \mathbb{I}		inferior conj	-4468 Nov 27 j 05:44	3° \mathbb{M} 27'05	2°03'30
				minimum elong	-4468 Nov 27 j 01:21	3° \mathbb{M} 33'56	2°02'04
superior conj	-4470 Jun 29 j 02:04	0° \mathbb{I} 35'25	0°53'54	morning rise	-4468 Dec 03 j 02:02	29° \mathbb{L} 57'31	
minimum elong	-4470 Jun 28 j 17:27	0° \mathbb{I} 08'33	0°53'45		-4468 Dec 03 j 00:13	30° \mathbb{R} \mathbb{L}	
	-4470 Jul 22 j 14:53	0° \mathbb{G}		direct	-4468 Dec 17 j 16:11	25° \mathbb{L} 41'37	
evening rise	-4470 Aug 05 j 00:38	16° \mathbb{G} 48'29		greatest brilliancy	-4468 Dec 26 j 17:53	27° \mathbb{L} 15'56	-4.8m
	-4470 Aug 15 j 13:02	0° \mathbb{Q}			-4467 Jan 02 j 03:43	0° \mathbb{M}	
	-4470 Sep 08 j 11:29	0° \mathbb{M}		morning max el	-4467 Feb 05 j 01:08	26° \mathbb{M} 50'21	46°10'10
desc. node	-4470 Sep 24 j 02:37	19° \mathbb{M} 31'48			-4467 Feb 08 j 06:33	0° \mathbb{J}	
	-4470 Oct 02 j 12:13	0° \mathbb{L}			-4467 Mar 08 j 19:12	0° \mathbb{B}	
	-4470 Oct 26 j 16:51	0° \mathbb{M}		desc. node	-4467 Mar 10 j 23:25	2° \mathbb{B} 23'38	
	-4470 Nov 20 j 03:45	0° \mathbb{J}			-4467 Apr 04 j 11:10	0° \approx	
	-4470 Dec 15 j 02:14	0° \mathbb{B}			-4467 Apr 30 j 05:33	0° \mathbb{H}	
	-4469 Jan 10 j 00:38	0° \approx			-4467 May 25 j 09:30	0° \mathbb{Y}	
asc. node	-4469 Jan 14 j 20:44	5° \approx 22'57			-4467 Jun 19 j 01:55	0° \mathbb{B}	
	-4469 Feb 07 j 08:14	0° \mathbb{H}		asc. node	-4467 Jul 01 j 18:22	15° \mathbb{B} 37'08	
evening max el	-4469 Feb 08 j 16:23	1° \mathbb{H} 18'12	45°21'54		-4467 Jul 13 j 08:43	0° \mathbb{I}	
greatest brilliancy	-4469 Mar 18 j 09:37	28° \mathbb{H} 59'13	-4.7m	morning set	-4467 Jul 31 j 19:29	23° \mathbb{I} 03'19	
	-4469 Mar 21 j 13:37	0° \mathbb{Y}			-4467 Aug 06 j 08:14	0° \mathbb{G}	
retrograde	-4469 Mar 29 j 03:36	1° \mathbb{Y} 03'34			-4467 Aug 30 j 03:35	0° \mathbb{Q}	
	-4469 Apr 05 j 10:52	30° \mathbb{R} \mathbb{H}					
evening set	-4469 Apr 13 j 22:04	26° \mathbb{H} 17'43		superior conj	-4467 Sep 08 j 14:14	11° \mathbb{Q} 55'24	1°18'18
inferior conj	-4469 Apr 19 j 13:55	22° \mathbb{H} 53'12	3°47'58	minimum elong	-4467 Sep 08 j 21:37	12° \mathbb{Q} 18'42	1°18'20
minimum elong	-4469 Apr 19 j 21:16	22° \mathbb{H} 41'43	3°46'05	max. Earth dist.	-4467 Sep 08 j 16:25	12° \mathbb{Q} 02'16	1.70901 AU
min. Earth dist.	-4469 Apr 20 j 08:09	22° \mathbb{H} 24'44	0.29119 AU		-4467 Sep 22 j 21:58	0° \mathbb{M}	
morning rise	-4469 Apr 25 j 20:04	19° \mathbb{H} 07'34			-4467 Oct 16 j 17:50	0° \mathbb{L}	
desc. node	-4469 May 06 j 19:40	14° \mathbb{H} 54'12		evening rise	-4467 Oct 20 j 08:37	4° \mathbb{L} 32'27	

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

desc. node	-4467 Oct 21 j 15:01	6°♌07'53		-4464 May 11 j 05:29	0°♐	
	-4467 Nov 09 j 16:34	0°♍		-4464 Jun 07 j 04:41	0°♑	
	-4467 Dec 03 j 18:57	0°♎		-4464 Jul 02 j 19:22	0°♒	
	-4467 Dec 28 j 02:21	0°♏		-4464 Jul 27 j 14:00	0°♓	
	-4466 Jan 21 j 17:44	0°♐		asc. node	-4464 Jul 29 j 06:28	2°♊04'10
asc. node	-4466 Feb 11 j 08:48	24°♑37'30		-4464 Aug 20 j 19:16	0°♋	
	-4466 Feb 15 j 22:29	0°♐		-4464 Sep 13 j 16:37	0°♌	
	-4466 Mar 14 j 02:13	0°♑		-4464 Oct 07 j 10:57	0°♍	
	-4466 Apr 11 j 03:31	0°♒		morning set	-4464 Oct 14 j 11:58	8°♎53'20
evening max el	-4466 Apr 20 j 17:22	9°♓23'30	45°14'36	-4464 Oct 31 j 06:01	0°♌	
	-4466 May 15 j 17:04	0°♊		desc. node	-4464 Nov 18 j 03:32	22°♌28'10
greatest brilliancy	-4466 May 29 j 01:35	6°♋52'51	-4.7m	-4464 Nov 24 j 03:52	0°♍	
desc. node	-4466 Jun 03 j 07:09	8°♋15'52				
retrograde	-4466 Jun 08 j 04:55	8°♋42'35		superior conj	-4464 Nov 25 j 16:13	1°♍53'40 -0°17'23
evening set	-4466 Jun 23 j 15:02	4°♋15'34		minimum elong	-4464 Nov 25 j 11:31	1°♍39'00 0°17'17
inferior conj	-4466 Jun 29 j 08:54	0°♋54'12	-5°43'08	max. Earth dist.	-4464 Nov 30 j 18:15	8°♍14'58 1.71625 AU
minimum elong	-4466 Jun 28 j 22:43	1°♋09'40	5°40'37		-4464 Dec 18 j 05:03	0°♎
min. Earth dist.	-4466 Jun 29 j 16:50	0°♋42'08	0.27879 AU	evening rise	-4463 Jan 05 j 23:58	23°♎19'09
	-4466 Jun 30 j 20:35	30°♎♐		-4463 Jan 11 j 09:33	0°♏	
morning rise	-4466 Jul 04 j 05:51	28°♐00'19		-4463 Feb 04 j 17:49	0°♐	
direct	-4466 Jul 20 j 16:15	22°♐54'49		-4463 Mar 01 j 07:12	0°♐	
greatest brilliancy	-4466 Jul 31 j 17:24	25°♐08'08	-4.8m	asc. node	-4463 Mar 10 j 20:58	11°♐36'08
	-4466 Aug 10 j 05:08	0°♊		-4463 Mar 26 j 03:45	0°♑	
morning max el	-4466 Sep 09 j 00:28	25°♊23'21	46°44'11	-4463 Apr 20 j 10:14	0°♒	
	-4466 Sep 13 j 12:09	0°♋		-4463 May 16 j 07:37	0°♓	
asc. node	-4466 Sep 24 j 03:28	11°♋24'44		-4463 Jun 12 j 08:18	0°♋	
	-4466 Oct 10 j 13:20	0°♌		desc. node	-4463 Jun 30 j 18:38	19°♋02'55
	-4466 Nov 04 j 20:13	0°♍		evening max el	-4463 Jul 02 j 14:59	20°♋51'31 46°31'49
	-4466 Nov 29 j 12:31	0°♎		-4463 Jul 12 j 09:01	0°♌	
	-4466 Dec 24 j 01:04	0°♍		greatest brilliancy	-4463 Aug 12 j 15:01	20°♌49'05 -4.9m
desc. node	-4465 Jan 14 j 02:00	25°♍43'50		retrograde	-4463 Aug 21 j 14:20	22°♌19'26
	-4465 Jan 17 j 13:51	0°♎		evening set	-4463 Sep 07 j 23:14	16°♌37'22
	-4465 Feb 11 j 03:19	0°♏		inferior conj	-4463 Sep 11 j 06:18	14°♌39'28 -8°13'37
	-4465 Mar 07 j 16:41	0°♐		minimum elong	-4463 Sep 11 j 14:39	14°♌26'51 8°12'21
morning set	-4465 Mar 15 j 20:35	9°♐58'59		min. Earth dist.	-4463 Sep 11 j 14:45	14°♌26'42 0.26663 AU
	-4465 Apr 01 j 05:02	0°♐		morning rise	-4463 Sep 15 j 05:55	12°♌17'30
max. Earth dist.	-4465 Apr 18 j 17:58	21°♐30'53	1.73681 AU	direct	-4463 Oct 01 j 16:02	7°♌01'42
				greatest brilliancy	-4463 Oct 12 j 07:32	9°♌11'19 -4.9m
superior conj	-4465 Apr 20 j 23:02	24°♐13'47	-0°35'57	asc. node	-4463 Oct 21 j 14:40	13°♌59'02
minimum elong	-4465 Apr 21 j 05:27	24°♐33'28	0°35'41	-4463 Nov 10 j 13:54	0°♍	
	-4465 Apr 25 j 15:46	0°♑		morning max el	-4463 Nov 21 j 09:38	10°♍35'11 46°46'28
asc. node	-4465 May 06 j 19:46	13°♑44'12		-4463 Dec 09 j 14:38	0°♎	
	-4465 May 20 j 00:32	0°♒		-4462 Jan 05 j 01:06	0°♍	
evening rise	-4465 May 26 j 14:07	8°♒06'01		-4462 Jan 30 j 16:30	0°♎	
	-4465 Jun 13 j 07:28	0°♓		desc. node	-4462 Feb 10 j 13:55	12°♎52'58
	-4465 Jul 07 j 13:26	0°♋		-4462 Feb 24 j 23:33	0°♏	
	-4465 Jul 31 j 20:03	0°♌		-4462 Mar 22 j 00:58	0°♐	
	-4465 Aug 25 j 05:31	0°♍		-4462 Apr 15 j 21:10	0°♐	
desc. node	-4465 Aug 26 j 16:21	1°♍46'37		-4462 May 10 j 12:01	0°♑	
	-4465 Sep 18 j 20:45	0°♎		morning set	-4462 May 21 j 16:01	13°♑41'54
	-4465 Oct 13 j 22:56	0°♍		asc. node	-4462 Jun 03 j 08:15	29°♑19'26
	-4465 Nov 09 j 01:04	0°♎		-4462 Jun 03 j 21:23	0°♒	
evening max el	-4465 Nov 27 j 10:20	19°♎39'32	46°46'47	max. Earth dist.	-4462 Jun 22 j 11:35	23°♒02'53 1.72447 AU
	-4465 Dec 08 j 00:38	0°♏				
asc. node	-4465 Dec 17 j 11:20	8°♏15'17		superior conj	-4462 Jun 26 j 19:50	28°♒27'14 0°51'25
greatest brilliancy	-4464 Jan 06 j 01:21	20°♏34'06	-4.8m	minimum elong	-4462 Jun 26 j 11:24	28°♒00'58 0°51'16
retrograde	-4464 Jan 16 j 22:22	22°♏48'15		-4462 Jun 28 j 01:37	0°♊	
evening set	-4464 Feb 03 j 14:02	16°♏44'07		-4462 Jul 22 j 01:53	0°♋	
inferior conj	-4464 Feb 07 j 06:36	14°♏23'50	8°15'00	evening rise	-4462 Aug 02 j 15:42	14°♋30'27
minimum elong	-4464 Feb 07 j 04:53	14°♏26'35	8°14'44	-4462 Aug 15 j 00:13	0°♌	
min. Earth dist.	-4464 Feb 06 j 20:13	14°♏40'30	0.29017 AU	-4462 Sep 07 j 22:56	0°♍	
morning rise	-4464 Feb 10 j 19:56	12°♏08'43		desc. node	-4462 Sep 23 j 04:37	19°♍01'46
direct	-4464 Feb 28 j 15:54	6°♏03'43		-4462 Oct 01 j 23:58	0°♎	
greatest brilliancy	-4464 Mar 08 j 21:23	7°♏36'42	-4.7m	-4462 Oct 26 j 04:57	0°♍	
desc. node	-4464 Apr 07 j 10:31	26°♏40'34		-4462 Nov 19 j 16:22	0°♎	
	-4464 Apr 11 j 04:46	0°♐		-4462 Dec 14 j 15:48	0°♏	
morning max el	-4464 Apr 17 j 09:09	5°♐43'46	45°49'22	-4461 Jan 09 j 16:17	0°♐	

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

asc. node	-4461 Jan 13 j 22:57	4°≈44'19			-4459 Jul 12 j 19:59	0°Π	
evening max el	-4461 Feb 06 j 08:45	29°≈08'10	45°23'53	morning set	-4459 Jul 29 j 10:12	20°Π43'41	
	-4461 Feb 07 j 06:13	0°✕			-4459 Aug 05 j 19:28	0°☾	
greatest brilliancy	-4461 Mar 16 j 01:58	26°✕51'32	-4.7m		-4459 Aug 29 j 14:51	0°Ω	
retrograde	-4461 Mar 26 j 20:20	28°✕55'53					
evening set	-4461 Apr 11 j 16:53	24°✕06'48		superior conj	-4459 Sep 06 j 02:15	9°Ω26'12	1°19'34
inferior conj	-4461 Apr 17 j 06:31	20°✕44'46	4°04'42	minimum elong	-4459 Sep 06 j 08:50	9°Ω46'59	1°19'38
minimum elong	-4461 Apr 17 j 14:14	20°✕32'41	4°02'45	max. Earth dist.	-4459 Sep 05 j 18:01	9°Ω00'15	1.70920 AU
min. Earth dist.	-4461 Apr 18 j 00:14	20°✕17'02	0.29148 AU		-4459 Sep 22 j 09:17	0°☿	
morning rise	-4461 Apr 23 j 11:16	17°✕00'46			-4459 Oct 16 j 05:13	0°♂	
desc. node	-4461 May 05 j 21:53	12°✕32'40		evening rise	-4459 Oct 17 j 17:13	1°♂53'02	
direct	-4461 May 09 j 03:13	12°✕20'26		desc. node	-4459 Oct 20 j 17:12	5°♂38'57	
greatest brilliancy	-4461 May 19 j 23:39	14°✕27'16	-4.7m		-4459 Nov 09 j 04:00	0°♂	
	-4461 Jun 13 j 08:42	0°♀			-4459 Dec 03 j 06:31	0°♂	
morning max el	-4461 Jun 27 j 11:05	12°♀48'27	46°07'27		-4459 Dec 27 j 14:10	0°♂	
	-4461 Jul 14 j 06:23	0°♂			-4458 Jan 21 j 06:01	0°≈	
	-4461 Aug 10 j 00:38	0°Π		asc. node	-4458 Feb 10 j 10:47	24°≈05'09	
asc. node	-4461 Aug 26 j 18:10	19°Π48'00			-4458 Feb 15 j 11:41	0°✕	
	-4461 Sep 04 j 04:49	0°☾			-4458 Mar 13 j 17:24	0°♀	
	-4461 Sep 28 j 14:02	0°Ω			-4458 Apr 10 j 23:54	0°♂	
	-4461 Oct 22 j 14:51	0°☿		evening max el	-4458 Apr 18 j 07:05	7°♂06'23	45°13'15
	-4461 Nov 15 j 13:59	0°♂			-4458 May 16 j 22:52	0°Π	
	-4461 Dec 09 j 15:01	0°♂		greatest brilliancy	-4458 May 26 j 14:48	4°Π35'11	-4.7m
desc. node	-4461 Dec 16 j 15:56	8°♂45'16		desc. node	-4458 Jun 02 j 09:20	6°Π12'45	
morning set	-4461 Dec 31 j 19:23	27°♂32'40		retrograde	-4458 Jun 05 j 18:26	6°Π25'36	
	-4460 Jan 02 j 18:58	0°♂		evening set	-4458 Jun 21 j 02:30	2°Π01'24	
	-4460 Jan 27 j 01:25	0°♂			-4458 Jun 24 j 15:49	30°♂♂	
				inferior conj	-4458 Jun 26 j 23:06	28°♂36'36	-5°26'03
superior conj	-4460 Feb 09 j 13:06	16°♂37'37	-1°23'17	minimum elong	-4458 Jun 26 j 13:07	28°♂51'46	5°23'32
minimum elong	-4460 Feb 09 j 12:10	16°♂34'43	1°23'30	min. Earth dist.	-4458 Jun 27 j 07:43	28°♂23'30	0.27924 AU
max. Earth dist.	-4460 Feb 11 j 13:10	19°♂05'39	1.73241 AU	morning rise	-4458 Jul 01 j 23:05	25°♂38'19	
	-4460 Feb 20 j 09:47	0°≈		direct	-4458 Jul 18 j 06:24	20°♂36'01	
	-4460 Mar 15 j 19:52	0°✕		greatest brilliancy	-4458 Jul 29 j 09:22	22°♂50'30	-4.8m
evening rise	-4460 Mar 17 j 21:55	2°✕33'29			-4458 Aug 11 j 08:23	0°Π	
greatest brilliancy	-4460 Mar 18 j 15:43	3°✕28'04	-3.9m	morning max el	-4458 Sep 06 j 14:04	22°Π58'54	46°43'23
asc. node	-4460 Apr 07 j 09:22	27°✕38'03			-4458 Sep 13 j 08:59	0°☾	
	-4460 Apr 09 j 07:48	0°♀		asc. node	-4458 Sep 23 j 05:37	10°☾40'07	
	-4460 May 03 j 21:50	0°♂			-4458 Oct 10 j 05:14	0°Ω	
	-4460 May 28 j 14:37	0°Π			-4458 Nov 04 j 10:09	0°☿	
	-4460 Jun 22 j 11:46	0°☾			-4458 Nov 29 j 01:23	0°♂	
	-4460 Jul 17 j 16:52	0°Ω			-4458 Dec 23 j 13:16	0°♂	
desc. node	-4460 Jul 28 j 06:18	12°Ω22'18		desc. node	-4457 Jan 13 j 04:04	25°♂14'05	
	-4460 Aug 12 j 13:33	0°☿			-4457 Jan 17 j 01:35	0°♂	
	-4460 Sep 08 j 22:06	0°♂			-4457 Feb 10 j 14:44	0°♂	
evening max el	-4460 Sep 14 j 02:43	5°♂20'26	47°36'50		-4457 Mar 07 j 03:53	0°≈	
	-4460 Oct 12 j 01:29	0°♂		morning set	-4457 Mar 13 j 14:11	7°≈51'54	
greatest brilliancy	-4460 Oct 24 j 21:17	7°♂02'00	-4.9m		-4457 Mar 31 j 16:06	0°✕	
retrograde	-4460 Nov 04 j 03:01	9°♂02'34		max. Earth dist.	-4457 Apr 16 j 14:51	19°✕33'48	1.73699 AU
asc. node	-4460 Nov 18 j 02:01	5°♂03'08					
evening set	-4460 Nov 18 j 15:11	4°♂45'09		superior conj	-4457 Apr 18 j 17:58	22°✕10'44	-0°38'39
min. Earth dist.	-4460 Nov 23 j 22:08	1°♂35'07	0.26891 AU	minimum elong	-4457 Apr 19 j 00:46	22°✕31'35	0°38'24
inferior conj	-4460 Nov 24 j 19:22	1°♂01'53	1°41'16		-4457 Apr 25 j 02:47	0°♀	
minimum elong	-4460 Nov 24 j 15:45	1°♂07'34	1°40'03	asc. node	-4457 May 05 j 21:58	13°♀16'56	
	-4460 Nov 26 j 11:08	30°♂♂			-4457 May 19 j 11:37	0°♂	
morning rise	-4460 Nov 30 j 17:18	27°♂30'08		evening rise	-4457 May 24 j 09:23	6°♂03'06	
direct	-4460 Dec 15 j 05:29	23°♂17'43			-4457 Jun 12 j 18:45	0°Π	
greatest brilliancy	-4460 Dec 24 j 08:02	24°♂52'37	-4.8m		-4457 Jul 07 j 01:02	0°☾	
	-4459 Jan 03 j 22:56	0°♂			-4457 Jul 31 j 08:04	0°Ω	
morning max el	-4459 Feb 02 j 14:29	24°♂29'15	46°11'15		-4457 Aug 24 j 18:06	0°☿	
	-4459 Feb 08 j 04:22	0°♂		desc. node	-4457 Aug 25 j 18:20	1°☿14'07	
	-4459 Mar 08 j 11:09	0°♂			-4457 Sep 18 j 10:09	0°♂	
desc. node	-4459 Mar 10 j 01:25	1°♂34'54			-4457 Oct 13 j 13:39	0°♂	
	-4459 Apr 04 j 00:48	0°≈			-4457 Nov 08 j 18:37	0°♂	
	-4459 Apr 29 j 18:01	0°✕		evening max el	-4457 Nov 25 j 01:16	17°♂20'22	46°50'01
	-4459 May 24 j 21:19	0°♀			-4457 Dec 08 j 03:54	0°♂	
	-4459 Jun 18 j 13:22	0°♂		asc. node	-4457 Dec 16 j 13:30	7°♂09'11	
asc. node	-4459 Jun 30 j 20:28	15°♂08'32		greatest brilliancy	-4456 Jan 03 j 18:02	18°♂21'50	-4.8m

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

retrograde	-4456 Jan 14 j 15:35	20° ♁ 37'01		superior conj	-4454 Jun 24 j 13:32	26° ♁ 18'45	0°48'51
evening set	-4456 Feb 01 j 05:31	14° ♁ 34'32		minimum elong	-4454 Jun 24 j 05:20	25° ♁ 53'15	0°48'42
inferior conj	-4456 Feb 04 j 23:21	12° ♁ 12'31	8°13'18		-4454 Jun 27 j 12:37	0° ♁	
minimum elong	-4456 Feb 04 j 20:56	12° ♁ 16'23	8°13'00		-4454 Jul 21 j 13:01	0° ♁	
min. Earth dist.	-4456 Feb 04 j 11:37	12° ♁ 31'20	0.28969 AU	evening rise	-4454 Jul 31 j 06:38	12° ♁ 11'40	
morning rise	-4456 Feb 08 j 12:34	9° ♁ 57'48			-4454 Aug 14 j 11:31	0° ♁	
direct	-4456 Feb 26 j 07:31	3° ♁ 53'04			-4454 Sep 07 j 10:27	0° ♁	
greatest brilliancy	-4456 Mar 06 j 12:23	5° ♁ 25'42	-4.7m	desc. node	-4454 Sep 22 j 06:48	18° ♁ 32'12	
desc. node	-4456 Apr 06 j 12:47	25° ♁ 45'32			-4454 Oct 01 j 11:45	0° ♁	
	-4456 Apr 11 j 05:46	0° ♁			-4454 Oct 25 j 17:04	0° ♁	
morning max el	-4456 Apr 15 j 01:29	3° ♁ 34'34	45°49'24		-4454 Nov 19 j 05:00	0° ♁	
	-4456 May 10 j 22:00	0° ♁			-4454 Dec 14 j 05:24	0° ♁	
	-4456 Jun 06 j 18:31	0° ♁			-4453 Jan 09 j 08:05	0° ♁	
	-4456 Jul 02 j 07:58	0° ♁		asc. node	-4453 Jan 13 j 01:00	4° ♁ 05'05	
	-4456 Jul 27 j 01:59	0° ♁		evening max el	-4453 Feb 04 j 00:59	26° ♁ 57'58	45°25'56
asc. node	-4456 Jul 28 j 08:30	1° ♁ 33'44			-4453 Feb 07 j 04:56	0° ♁	
	-4456 Aug 20 j 06:55	0° ♁		greatest brilliancy	-4453 Mar 13 j 19:04	24° ♁ 45'24	-4.7m
	-4456 Sep 13 j 04:06	0° ♁		retrograde	-4453 Mar 24 j 12:51	26° ♁ 49'12	
	-4456 Oct 06 j 22:21	0° ♁		evening set	-4453 Apr 09 j 11:58	21° ♁ 56'57	
morning set	-4456 Oct 11 j 22:04	6° ♁ 17'50		inferior conj	-4453 Apr 14 j 23:22	18° ♁ 37'32	4°20'47
	-4456 Oct 30 j 17:23	0° ♁		minimum elong	-4453 Apr 15 j 07:24	18° ♁ 24'55	4°18'48
desc. node	-4456 Nov 17 j 05:39	21° ♁ 59'16		min. Earth dist.	-4453 Apr 15 j 16:46	18° ♁ 10'13	0.29176 AU
				morning rise	-4453 Apr 21 j 02:32	14° ♁ 55'11	
superior conj	-4456 Nov 23 j 01:13	29° ♁ 16'19	-0°13'30	desc. node	-4453 May 04 j 24:00	10° ♁ 16'57	
minimum elong	-4456 Nov 22 j 21:32	29° ♁ 04'47	0°13'24	direct	-4453 May 06 j 20:19	10° ♁ 12'59	
behind sun begin	-4456 Nov 22 j 05:52	28° ♁ 15'45		greatest brilliancy	-4453 May 17 j 14:58	12° ♁ 17'56	-4.7m
behind sun end	-4456 Nov 23 j 13:12	29° ♁ 53'49			-4453 Jun 13 j 13:57	0° ♁	
	-4456 Nov 23 j 15:11	0° ♁		morning max el	-4453 Jun 25 j 02:40	10° ♁ 36'23	46°06'07
max. Earth dist.	-4456 Nov 28 j 01:27	5° ♁ 32'13	1.71569 AU		-4453 Jul 13 j 23:47	0° ♁	
	-4456 Dec 17 j 16:18	0° ♁			-4453 Aug 09 j 14:53	0° ♁	
evening rise	-4455 Jan 03 j 12:31	20° ♁ 54'40		asc. node	-4453 Aug 25 j 20:19	19° ♁ 14'35	
	-4455 Jan 10 j 20:45	0° ♁			-4453 Sep 03 j 17:44	0° ♁	
	-4455 Feb 04 j 05:04	0° ♁			-4453 Sep 28 j 02:16	0° ♁	
	-4455 Feb 28 j 18:41	0° ♁			-4453 Oct 22 j 02:41	0° ♁	
asc. node	-4455 Mar 09 j 23:07	11° ♁ 07'27			-4453 Nov 15 j 01:33	0° ♁	
	-4455 Mar 25 j 15:44	0° ♁			-4453 Dec 09 j 02:21	0° ♁	
	-4455 Apr 19 j 23:11	0° ♁		desc. node	-4453 Dec 15 j 17:57	8° ♁ 16'29	
	-4455 May 15 j 22:19	0° ♁		morning set	-4453 Dec 29 j 06:50	25° ♁ 04'53	
	-4455 Jun 12 j 02:43	0° ♁			-4452 Jan 02 j 06:06	0° ♁	
desc. node	-4455 Jun 29 j 20:43	18° ♁ 10'05			-4452 Jan 26 j 12:24	0° ♁	
evening max el	-4455 Jun 30 j 04:41	18° ♁ 29'28	46°28'35				
	-4455 Jul 12 j 15:41	0° ♁		superior conj	-4452 Feb 07 j 04:23	14° ♁ 23'08	-1°23'05
greatest brilliancy	-4455 Aug 10 j 01:44	18° ♁ 18'47	-4.9m	minimum elong	-4452 Feb 07 j 02:40	14° ♁ 17'49	1°23'17
retrograde	-4455 Aug 19 j 02:38	19° ♁ 49'52		max. Earth dist.	-4452 Feb 09 j 09:28	17° ♁ 06'38	1.73195 AU
evening set	-4455 Sep 05 j 13:53	14° ♁ 03'45			-4452 Feb 19 j 20:41	0° ♁	
inferior conj	-4455 Sep 08 j 18:13	12° ♁ 09'46	-8°22'46		-4452 Mar 15 j 06:46	0° ♁	
minimum elong	-4455 Sep 09 j 01:55	11° ♁ 58'10	8°21'42	evening rise	-4452 Mar 15 j 15:41	0° ♁ 27'21	
min. Earth dist.	-4455 Sep 09 j 02:27	11° ♁ 57'21	0.26699 AU	greatest brilliancy	-4452 Mar 16 j 19:09	1° ♁ 51'36	-3.9m
morning rise	-4455 Sep 12 j 13:51	9° ♁ 53'43		asc. node	-4452 Apr 06 j 11:36	27° ♁ 11'18	
direct	-4455 Sep 29 j 05:13	4° ♁ 31'44			-4452 Apr 08 j 18:48	0° ♁	
greatest brilliancy	-4455 Oct 09 j 19:56	6° ♁ 40'58	-4.9m		-4452 May 03 j 09:07	0° ♁	
asc. node	-4455 Oct 20 j 16:56	12° ♁ 30'08			-4452 May 28 j 02:24	0° ♁	
	-4455 Nov 10 j 17:54	0° ♁			-4452 Jun 22 j 00:22	0° ♁	
morning max el	-4455 Nov 18 j 23:48	8° ♁ 09'56	46°47'10		-4452 Jul 17 j 06:47	0° ♁	
	-4455 Dec 09 j 08:42	0° ♁		desc. node	-4452 Jul 27 j 08:19	11° ♁ 45'34	
	-4454 Jan 04 j 15:56	0° ♁			-4452 Aug 12 j 05:48	0° ♁	
	-4454 Jan 30 j 05:43	0° ♁			-4452 Sep 08 j 19:51	0° ♁	
desc. node	-4454 Feb 09 j 15:54	12° ♁ 21'07		evening max el	-4452 Sep 11 j 16:48	2° ♁ 55'56	47°36'09
	-4454 Feb 24 j 11:46	0° ♁			-4452 Oct 13 j 08:34	0° ♁	
	-4454 Mar 21 j 12:33	0° ♁		greatest brilliancy	-4452 Oct 22 j 13:07	4° ♁ 37'10	-4.9m
	-4454 Apr 15 j 08:22	0° ♁		retrograde	-4452 Nov 01 j 16:21	6° ♁ 35'20	
	-4454 May 09 j 23:01	0° ♁		evening set	-4452 Nov 16 j 04:37	2° ♁ 19'08	
morning set	-4454 May 19 j 10:58	11° ♁ 39'01		asc. node	-4452 Nov 17 j 04:07	1° ♁ 46'05	
asc. node	-4454 Jun 02 j 10:20	28° ♁ 52'00			-4452 Nov 20 j 03:02	30° ♁	
	-4454 Jun 03 j 08:20	0° ♁		min. Earth dist.	-4452 Nov 21 j 12:53	29° ♁ 07'21	0.26830 AU
max. Earth dist.	-4454 Jun 20 j 03:43	20° ♁ 49'47	1.72510 AU	inferior conj	-4452 Nov 22 j 08:46	28° ♁ 36'13	1°18'38
				minimum elong	-4452 Nov 22 j 05:56	28° ♁ 40'40	1°17'39

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

morning rise	-4452 Nov 28 j 08:08	25° Ω 02'26		evening rise	-4449 May 22 j 04:54	4° \mathcal{B} 02'02	
direct	-4452 Dec 12 j 17:52	20° Ω 53'11			-4449 Jun 12 j 05:43	0° Π	
greatest brilliancy	-4452 Dec 21 j 22:30	22° Ω 29'24	-4.8m		-4449 Jul 06 j 12:17	0° \mathcal{E}	
	-4451 Jan 05 j 04:37	0° \mathcal{M}			-4449 Jul 30 j 19:43	0° Ω	
morning max el	-4451 Jan 31 j 03:14	22° \mathcal{M} 07'03	46°12'33		-4449 Aug 24 j 06:19	0° \mathcal{M}	
	-4451 Feb 08 j 01:09	0° \mathcal{A}		desc. node	-4449 Aug 24 j 20:36	0° \mathcal{M} 43'37	
	-4451 Mar 08 j 02:33	0° \mathcal{B}			-4449 Sep 17 j 23:12	0° Ω	
desc. node	-4451 Mar 09 j 03:40	1° \mathcal{B} 09'41			-4449 Oct 13 j 04:09	0° \mathcal{M}	
	-4451 Apr 03 j 14:01	0° \approx			-4449 Nov 08 j 12:13	0° \mathcal{A}	
	-4451 Apr 29 j 06:06	0° \mathcal{H}		evening max el	-4449 Nov 22 j 17:13	15° \mathcal{A} 04'21	46°52'59
	-4451 May 24 j 08:46	0° \mathcal{Y}			-4449 Dec 08 j 08:42	0° \mathcal{B}	
	-4451 Jun 18 j 00:27	0° \mathcal{B}		asc. node	-4449 Dec 15 j 15:35	6° \mathcal{B} 01'27	
asc. node	-4451 Jun 29 j 22:33	14° \mathcal{B} 41'00		greatest brilliancy	-4448 Jan 01 j 10:17	16° \mathcal{B} 09'00	-4.8m
	-4451 Jul 12 j 06:55	0° Π		retrograde	-4448 Jan 12 j 08:59	18° \mathcal{B} 25'23	
morning set	-4451 Jul 27 j 01:22	18° Π 26'32		evening set	-4448 Jan 29 j 20:32	12° \mathcal{B} 25'01	
	-4451 Aug 05 j 06:23	0° \mathcal{E}		min. Earth dist.	-4448 Feb 02 j 02:34	10° \mathcal{B} 22'07	0.28917 AU
	-4451 Aug 29 j 01:51	0° Ω		inferior conj	-4448 Feb 02 j 15:51	10° \mathcal{B} 00'51	8°10'55
max. Earth dist.	-4451 Sep 02 j 22:39	6° Ω 08'38	1.70952 AU	minimum elong	-4448 Feb 02 j 12:46	10° \mathcal{B} 05'49	8°10'33
				morning rise	-4448 Feb 06 j 05:15	7° \mathcal{B} 46'08	
superior conj	-4451 Sep 03 j 14:28	6° Ω 58'33	1°20'40	direct	-4448 Feb 23 j 23:21	1° \mathcal{B} 42'15	
minimum elong	-4451 Sep 03 j 20:14	7° Ω 16'44	1°20'47	greatest brilliancy	-4448 Mar 04 j 02:41	3° \mathcal{B} 14'06	-4.7m
	-4451 Sep 21 j 20:23	0° \mathcal{M}		desc. node	-4448 Apr 05 j 14:55	24° \mathcal{B} 51'58	
evening rise	-4451 Oct 15 j 01:36	29° \mathcal{M} 13'34			-4448 Apr 11 j 05:19	0° \approx	
	-4451 Oct 15 j 16:24	0° Ω		morning max el	-4448 Apr 12 j 18:18	1° \approx 27'21	45°49'34
desc. node	-4451 Oct 19 j 19:19	5° Ω 10'27			-4448 May 10 j 13:53	0° \mathcal{H}	
	-4451 Nov 08 j 15:16	0° \mathcal{M}			-4448 Jun 06 j 07:51	0° \mathcal{Y}	
	-4451 Dec 02 j 17:54	0° \mathcal{A}			-4448 Jul 01 j 20:10	0° \mathcal{B}	
	-4451 Dec 27 j 01:46	0° \mathcal{B}			-4448 Jul 26 j 13:35	0° Π	
	-4450 Jan 20 j 18:03	0° \approx		asc. node	-4448 Jul 27 j 10:39	1° Π 04'42	
asc. node	-4450 Feb 09 j 12:59	23° \approx 34'14			-4448 Aug 19 j 18:13	0° \mathcal{E}	
	-4450 Feb 15 j 00:39	0° \mathcal{H}			-4448 Sep 12 j 15:13	0° Ω	
	-4450 Mar 13 j 08:24	0° \mathcal{Y}			-4448 Oct 06 j 09:23	0° \mathcal{M}	
	-4450 Apr 10 j 20:29	0° \mathcal{B}		morning set	-4448 Oct 09 j 08:52	3° \mathcal{M} 45'36	
evening max el	-4450 Apr 15 j 21:24	4° \mathcal{B} 52'05	45°12'09		-4448 Oct 30 j 04:23	0° Ω	
	-4450 May 18 j 16:34	0° Π		desc. node	-4448 Nov 16 j 07:41	21° Ω 31'11	
greatest brilliancy	-4450 May 24 j 03:46	2° Π 19'10	-4.7m				
desc. node	-4450 Jun 01 j 11:24	4° Π 06'55		superior conj	-4448 Nov 20 j 10:25	26° Ω 40'26	-0°09'34
retrograde	-4450 Jun 03 j 08:44	4° Π 10'59		minimum elong	-4448 Nov 20 j 07:47	26° Ω 32'11	0°09'31
	-4450 Jun 18 j 06:15	30° \mathcal{R} \mathcal{B}		behind sun begin	-4448 Nov 19 j 09:28	25° Ω 22'20	
evening set	-4450 Jun 18 j 14:28	29° \mathcal{B} 49'07		behind sun end	-4448 Nov 21 j 06:05	27° Ω 42'01	
inferior conj	-4450 Jun 24 j 13:34	26° \mathcal{B} 21'12	-5°08'40		-4448 Nov 23 j 02:11	0° \mathcal{M}	
minimum elong	-4450 Jun 24 j 03:51	26° \mathcal{B} 35'57	5°06'07	max. Earth dist.	-4448 Nov 25 j 11:33	2° \mathcal{M} 59'27	1.71521 AU
min. Earth dist.	-4450 Jun 24 j 22:36	26° \mathcal{B} 07'28	0.27968 AU		-4448 Dec 17 j 03:17	0° \mathcal{A}	
morning rise	-4450 Jun 29 j 16:33	23° \mathcal{B} 18'51		evening rise	-4447 Jan 01 j 00:52	18° \mathcal{A} 30'17	
direct	-4450 Jul 15 j 21:16	18° \mathcal{B} 19'27			-4447 Jan 10 j 07:44	0° \mathcal{B}	
greatest brilliancy	-4450 Jul 27 j 01:17	20° \mathcal{B} 35'01	-4.8m		-4447 Feb 03 j 16:08	0° \approx	
	-4450 Aug 12 j 03:29	0° Π			-4447 Feb 28 j 05:59	0° \mathcal{H}	
morning max el	-4450 Sep 04 j 04:46	20° Π 38'57	46°42'27	asc. node	-4447 Mar 09 j 01:19	10° \mathcal{H} 39'31	
	-4450 Sep 13 j 04:39	0° \mathcal{E}			-4447 Mar 25 j 03:34	0° \mathcal{Y}	
asc. node	-4450 Sep 22 j 07:54	9° \mathcal{E} 57'44			-4447 Apr 19 j 11:58	0° \mathcal{B}	
	-4450 Oct 09 j 20:31	0° Ω			-4447 May 15 j 12:55	0° Π	
	-4450 Nov 03 j 23:39	0° \mathcal{M}			-4447 Jun 11 j 21:15	0° \mathcal{E}	
	-4450 Nov 28 j 13:56	0° Ω		evening max el	-4447 Jun 27 j 18:50	16° \mathcal{E} 09'29	46°25'17
	-4450 Dec 23 j 01:13	0° \mathcal{M}		desc. node	-4447 Jun 28 j 22:49	17° \mathcal{E} 17'09	
desc. node	-4449 Jan 12 j 06:09	24° \mathcal{M} 45'02			-4447 Jul 13 j 00:19	0° Ω	
	-4449 Jan 16 j 13:05	0° \mathcal{A}		greatest brilliancy	-4447 Aug 07 j 12:52	15° Ω 50'20	-4.9m
	-4449 Feb 10 j 01:53	0° \mathcal{B}		retrograde	-4447 Aug 16 j 14:45	17° Ω 21'35	
	-4449 Mar 06 j 14:45	0° \approx		evening set	-4447 Sep 03 j 04:29	11° Ω 32'05	
morning set	-4449 Mar 11 j 07:28	5° \approx 44'47		inferior conj	-4447 Sep 06 j 06:19	9° Ω 41'37	-8°30'58
	-4449 Mar 31 j 02:48	0° \mathcal{H}		minimum elong	-4447 Sep 06 j 13:16	9° Ω 31'06	8°30'05
max. Earth dist.	-4449 Apr 14 j 13:33	17° \mathcal{H} 43'21	1.73714 AU	min. Earth dist.	-4447 Sep 06 j 14:25	9° Ω 29'21	0.26731 AU
				morning rise	-4447 Sep 09 j 21:59	7° Ω 31'08	
superior conj	-4449 Apr 16 j 12:51	20° \mathcal{H} 08'33	-0°41'19	direct	-4447 Sep 26 j 18:24	2° Ω 03'24	
minimum elong	-4449 Apr 16 j 20:00	20° \mathcal{H} 30'30	0°41'04	greatest brilliancy	-4447 Oct 07 j 08:27	4° Ω 11'56	-4.9m
	-4449 Apr 24 j 13:27	0° \mathcal{Y}		asc. node	-4447 Oct 19 j 18:56	11° Ω 04'56	
asc. node	-4449 May 05 j 00:01	12° \mathcal{Y} 50'20			-4447 Nov 10 j 19:55	0° \mathcal{M}	
	-4449 May 18 j 22:22	0° \mathcal{B}		morning max el	-4447 Nov 16 j 13:18	5° \mathcal{M} 43'55	46°47'52

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

	-4447 Dec 09 j 02:02	0°♊		desc. node	-4444 Jul 26 j 10:33	11°♊09'05	
	-4446 Jan 04 j 06:18	0°♋			-4444 Aug 11 j 22:22	0°♋	
	-4446 Jan 29 j 18:35	0°♌			-4444 Sep 08 j 18:26	0°♌	
desc. node	-4446 Feb 08 j 18:09	11°♌50'44		evening max el	-4444 Sep 09 j 06:02	0°♌29'20	47°35'27
	-4446 Feb 23 j 23:46	0°♍			-4444 Oct 15 j 06:04	0°♍	
	-4446 Mar 20 j 23:58	0°♎		greatest brilliancy	-4444 Oct 20 j 04:56	2°♎11'57	-4.9m
	-4446 Apr 14 j 19:25	0°♏		retrograde	-4444 Oct 30 j 05:30	4°♎07'55	
	-4446 May 09 j 09:52	0°♐		evening set	-4444 Nov 13 j 18:09	29°♐52'10	
morning set	-4446 May 17 j 05:49	9°♐36'22			-4444 Nov 13 j 12:24	30°♐♊	
asc. node	-4446 Jun 01 j 12:24	28°♐25'09		asc. node	-4444 Nov 16 j 06:17	28°♐25'38	
	-4446 Jun 02 j 19:06	0°♑		min. Earth dist.	-4444 Nov 19 j 03:44	26°♐38'55	0.26775 AU
max. Earth dist.	-4446 Jun 17 j 19:36	18°♑36'37	1.72570 AU	inferior conj	-4444 Nov 19 j 22:07	26°♐10'12	0°55'35
				minimum elong	-4444 Nov 19 j 20:06	26°♐13'22	0°54'51
superior conj	-4446 Jun 22 j 07:19	24°♑11'15	0°46'14	morning rise	-4444 Nov 25 j 22:48	22°♐34'39	
minimum elong	-4446 Jun 21 j 23:24	23°♑46'39	0°46'05	direct	-4444 Dec 10 j 06:00	18°♐27'53	
	-4446 Jun 26 j 23:25	0°♒		greatest brilliancy	-4444 Dec 19 j 13:18	20°♐06'08	-4.9m
	-4446 Jul 20 j 23:56	0°♓			-4443 Jan 06 j 02:21	0°♒	
evening rise	-4446 Jul 28 j 21:54	9°♓54'37		morning max el	-4443 Jan 28 j 16:28	19°♒45'34	46°14'00
	-4446 Aug 13 j 22:39	0°♈			-4443 Feb 07 j 21:22	0°♓	
	-4446 Sep 06 j 21:49	0°♉			-4443 Mar 07 j 17:48	0°♓	
desc. node	-4446 Sep 21 j 08:54	18°♉02'50		desc. node	-4443 Mar 08 j 05:46	0°♓33'20	
	-4446 Sep 30 j 23:24	0°♊			-4443 Apr 03 j 03:13	0°♓	
	-4446 Oct 25 j 05:03	0°♋			-4443 Apr 28 j 18:16	0°♓	
	-4446 Nov 18 j 17:29	0°♌			-4443 May 23 j 20:21	0°♓	
	-4446 Dec 13 j 18:54	0°♍			-4443 Jun 17 j 11:44	0°♓	
	-4445 Jan 08 j 23:57	0°♎		asc. node	-4443 Jun 29 j 00:45	14°♓13'07	
asc. node	-4445 Jan 12 j 03:11	3°♎26'21			-4443 Jul 11 j 18:04	0°♒	
evening max el	-4445 Feb 01 j 16:24	24°♎45'56	45°27'50	morning set	-4443 Jul 24 j 16:31	16°♒08'51	
	-4445 Feb 07 j 04:32	0°♏			-4443 Aug 04 j 17:30	0°♓	
greatest brilliancy	-4445 Mar 11 j 12:20	22°♏39'20	-4.7m		-4443 Aug 28 j 13:01	0°♈	
retrograde	-4445 Mar 22 j 04:58	24°♏42'31		max. Earth dist.	-4443 Aug 31 j 06:26	3°♈26'28	1.70981 AU
evening set	-4445 Apr 07 j 07:03	19°♏46'48					
inferior conj	-4445 Apr 12 j 16:11	16°♏30'18	4°36'34	superior conj	-4443 Sep 01 j 02:44	4°♈30'29	1°21'37
minimum elong	-4445 Apr 13 j 00:29	16°♏17'15	4°34'35	minimum elong	-4443 Sep 01 j 07:38	4°♈45'59	1°21'45
min. Earth dist.	-4445 Apr 13 j 09:35	16°♏02'56	0.29205 AU		-4443 Sep 21 j 07:37	0°♉	
morning rise	-4445 Apr 18 j 17:37	12°♏49'45		evening rise	-4443 Oct 12 j 10:08	26°♉34'03	
desc. node	-4445 May 04 j 02:03	8°♏05'34			-4443 Oct 15 j 03:44	0°♊	
direct	-4445 May 04 j 12:54	8°♏05'20		desc. node	-4443 Oct 18 j 21:18	4°♊41'02	
greatest brilliancy	-4445 May 15 j 06:55	10°♏09'08	-4.7m		-4443 Nov 08 j 02:43	0°♋	
	-4445 Jun 13 j 17:24	0°♐			-4443 Dec 02 j 05:30	0°♌	
morning max el	-4445 Jun 22 j 17:45	8°♐23'07	46°04'57		-4443 Dec 26 j 13:36	0°♍	
	-4445 Jul 13 j 16:46	0°♑			-4442 Jan 20 j 06:21	0°♎	
	-4445 Aug 09 j 04:55	0°♒		asc. node	-4442 Feb 08 j 15:12	23°♎02'39	
asc. node	-4445 Aug 24 j 22:33	18°♒41'54			-4442 Feb 14 j 13:54	0°♏	
	-4445 Sep 03 j 06:28	0°♓			-4442 Mar 12 j 23:51	0°♐	
	-4445 Sep 27 j 14:22	0°♈			-4442 Apr 10 j 18:05	0°♑	
	-4445 Oct 21 j 14:26	0°♉		evening max el	-4442 Apr 13 j 12:24	2°♑38'53	45°11'03
	-4445 Nov 14 j 13:03	0°♊		greatest brilliancy	-4442 May 21 j 16:05	0°♒01'43	-4.7m
	-4445 Dec 08 j 13:38	0°♋			-4442 May 21 j 14:09	0°♒	
desc. node	-4445 Dec 14 j 20:04	7°♋48'05		retrograde	-4442 May 31 j 23:15	1°♒55'18	
morning set	-4445 Dec 26 j 18:18	22°♋37'09		desc. node	-4442 May 31 j 13:33	1°♒55'07	
	-4444 Jan 01 j 17:11	0°♌			-4442 Jun 10 j 21:43	30°♒♋	
	-4444 Jan 25 j 23:20	0°♍		evening set	-4442 Jun 16 j 02:34	27°♒35'38	
				inferior conj	-4442 Jun 22 j 03:55	24°♒04'35	-4°50'44
superior conj	-4444 Feb 04 j 19:42	12°♓08'51	-1°22'44	minimum elong	-4442 Jun 21 j 18:32	24°♒18'49	4°48'13
minimum elong	-4444 Feb 04 j 17:10	12°♓01'03	1°22'56	min. Earth dist.	-4442 Jun 22 j 13:07	23°♒50'38	0.28016 AU
max. Earth dist.	-4444 Feb 07 j 04:40	15°♓04'25	1.73148 AU	morning rise	-4442 Jun 27 j 09:51	20°♒58'18	
	-4444 Feb 19 j 07:33	0°♎		direct	-4442 Jul 13 j 12:40	16°♒01'49	
evening rise	-4444 Mar 13 j 09:22	28°♎20'58		greatest brilliancy	-4442 Jul 24 j 16:42	18°♒17'51	-4.8m
greatest brilliancy	-4444 Mar 14 j 17:18	29°♎58'53	-3.9m		-4442 Aug 12 j 18:20	0°♒	
	-4444 Mar 14 j 17:40	0°♏		morning max el	-4442 Sep 01 j 20:07	18°♒19'42	46°41'30
asc. node	-4444 Apr 05 j 13:37	26°♏43'47			-4442 Sep 13 j 00:12	0°♓	
	-4444 Apr 08 j 05:51	0°♐		asc. node	-4442 Sep 21 j 09:56	9°♓14'06	
	-4444 May 02 j 20:29	0°♑			-4442 Oct 09 j 11:56	0°♈	
	-4444 May 27 j 14:18	0°♒			-4442 Nov 03 j 13:20	0°♉	
	-4444 Jun 21 j 13:07	0°♓			-4442 Nov 28 j 02:41	0°♊	
	-4444 Jul 16 j 20:53	0°♈			-4442 Dec 22 j 13:22	0°♋	

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

desc. node	-4441 Jan 11 j 08:19	24° \mathbb{M} 15'30		evening max el	-4439 Jun 25 j 08:18	13° \mathbb{D} 47'06	46°21'55
	-4441 Jan 16 j 00:50	0° \mathbb{A}		desc. node	-4439 Jun 28 j 01:02	16° \mathbb{D} 22'34	
	-4441 Feb 09 j 13:18	0° \mathbb{Z}			-4439 Jul 13 j 12:20	0° \mathbb{Q}	
	-4441 Mar 06 j 01:55	0° \approx		greatest brilliancy	-4439 Aug 05 j 00:23	13° \mathbb{Q} 21'39	-4.9m
morning set	-4441 Mar 09 j 00:46	3° \approx 36'47		retrograde	-4439 Aug 14 j 02:14	14° \mathbb{Q} 52'29	
	-4441 Mar 30 j 13:48	0° \mathbb{H}		evening set	-4439 Aug 31 j 18:48	9° \mathbb{Q} 00'10	
max. Earth dist.	-4441 Apr 12 j 13:35	15° \mathbb{H} 56'07	1.73724 AU	inferior conj	-4439 Sep 03 j 18:26	7° \mathbb{Q} 12'45	-8°38'08
				minimum elong	-4439 Sep 04 j 00:36	7° \mathbb{Q} 03'25	8°37'23
superior conj	-4441 Apr 14 j 07:49	18° \mathbb{H} 05'45	-0°43'55	min. Earth dist.	-4439 Sep 04 j 02:43	7° \mathbb{Q} 00'13	0.26769 AU
minimum elong	-4441 Apr 14 j 15:17	18° \mathbb{H} 28'41	0°43'40	morning rise	-4439 Sep 07 j 06:20	5° \mathbb{Q} 07'30	
	-4441 Apr 24 j 00:24	0° \mathbb{Y}			-4439 Sep 19 j 17:14	30° \mathbb{R} \mathbb{D}	
asc. node	-4441 May 04 j 02:08	12° \mathbb{Y} 23'01		direct	-4439 Sep 24 j 07:13	29° \mathbb{D} 34'09	
	-4441 May 18 j 09:26	0° \mathbb{B}			-4439 Sep 28 j 23:01	0° \mathbb{Q}	
evening rise	-4441 May 20 j 00:33	2° \mathbb{B} 00'33		greatest brilliancy	-4439 Oct 04 j 21:39	1° \mathbb{Q} 42'32	-4.9m
	-4441 Jun 11 j 17:00	0° \mathbb{I}		asc. node	-4439 Oct 18 j 21:10	9° \mathbb{Q} 41'40	
	-4441 Jul 05 j 23:55	0° \mathbb{D}			-4439 Nov 10 j 21:10	0° \mathbb{P}	
	-4441 Jul 30 j 07:48	0° \mathbb{Q}		morning max el	-4439 Nov 14 j 01:50	3° \mathbb{P} 13'50	46°48'27
desc. node	-4441 Aug 23 j 22:39	0° \mathbb{P} 11'10			-4439 Dec 08 j 19:30	0° \mathbb{D}	
	-4441 Aug 23 j 19:00	0° \mathbb{P}			-4438 Jan 03 j 20:57	0° \mathbb{M}	
	-4441 Sep 17 j 12:46	0° \mathbb{D}			-4438 Jan 29 j 07:45	0° \mathbb{A}	
	-4441 Oct 12 j 19:13	0° \mathbb{M}		desc. node	-4438 Feb 07 j 20:14	11° \mathbb{A} 18'56	
	-4441 Nov 08 j 06:36	0° \mathbb{A}			-4438 Feb 23 j 12:02	0° \mathbb{Z}	
evening max el	-4441 Nov 20 j 09:49	12° \mathbb{A} 48'54	46°56'00		-4438 Mar 20 j 11:40	0° \approx	
	-4441 Dec 08 j 16:06	0° \mathbb{Z}			-4438 Apr 14 j 06:46	0° \mathbb{H}	
asc. node	-4441 Dec 14 j 17:48	4° \mathbb{Z} 51'07			-4438 May 08 j 21:01	0° \mathbb{Y}	
greatest brilliancy	-4441 Dec 30 j 02:34	13° \mathbb{Z} 55'09	-4.8m	morning set	-4438 May 15 j 00:45	7° \mathbb{Y} 33'02	
retrograde	-4440 Jan 10 j 02:24	16° \mathbb{Z} 12'23		asc. node	-4438 May 31 j 14:38	27° \mathbb{Y} 57'50	
evening set	-4440 Jan 27 j 11:20	10° \mathbb{Z} 14'40			-4438 Jun 02 j 06:11	0° \mathbb{B}	
min. Earth dist.	-4440 Jan 30 j 17:24	8° \mathbb{Z} 11'46	0.28861 AU	max. Earth dist.	-4438 Jun 15 j 12:30	16° \mathbb{B} 25'44	1.72629 AU
inferior conj	-4440 Jan 31 j 08:19	7° \mathbb{Z} 47'53	8°07'49				
minimum elong	-4440 Jan 31 j 04:35	7° \mathbb{Z} 53'52	8°07'23	superior conj	-4438 Jun 20 j 01:25	22° \mathbb{B} 03'55	0°43'34
morning rise	-4440 Feb 03 j 22:07	5° \mathbb{Z} 32'41		minimum elong	-4438 Jun 19 j 17:48	21° \mathbb{B} 40'17	0°43'25
	-4440 Feb 16 j 16:46	30° \mathbb{R} \mathbb{A}			-4438 Jun 26 j 10:30	0° \mathbb{I}	
direct	-4440 Feb 21 j 15:32	29° \mathbb{A} 30'18			-4438 Jul 20 j 11:08	0° \mathbb{D}	
	-4440 Feb 26 j 17:46	0° \mathbb{Z}		evening rise	-4438 Jul 26 j 13:39	7° \mathbb{D} 38'25	
greatest brilliancy	-4440 Mar 01 j 16:38	1° \mathbb{Z} 00'50	-4.7m		-4438 Aug 13 j 10:02	0° \mathbb{Q}	
desc. node	-4440 Apr 04 j 16:56	23° \mathbb{Z} 58'08			-4438 Sep 06 j 09:27	0° \mathbb{P}	
morning max el	-4440 Apr 10 j 11:02	29° \mathbb{Z} 18'53	45°49'44	desc. node	-4438 Sep 20 j 10:55	17° \mathbb{P} 32'26	
	-4440 Apr 11 j 04:18	0° \approx			-4438 Sep 30 j 11:20	0° \mathbb{D}	
	-4440 May 10 j 05:53	0° \mathbb{H}			-4438 Oct 24 j 17:21	0° \mathbb{M}	
	-4440 Jun 05 j 21:26	0° \mathbb{Y}			-4438 Nov 18 j 06:22	0° \mathbb{A}	
	-4440 Jul 01 j 08:38	0° \mathbb{B}			-4438 Dec 13 j 08:53	0° \mathbb{Z}	
	-4440 Jul 26 j 01:30	0° \mathbb{I}			-4437 Jan 08 j 16:29	0° \approx	
asc. node	-4440 Jul 26 j 12:51	0° \mathbb{I} 34'53		asc. node	-4437 Jan 11 j 05:24	2° \approx 46'13	
	-4440 Aug 19 j 05:51	0° \mathbb{D}		evening max el	-4437 Jan 30 j 06:54	22° \approx 30'35	45°30'02
	-4440 Sep 12 j 02:44	0° \mathbb{Q}			-4437 Feb 07 j 05:44	0° \mathbb{H}	
	-4440 Oct 05 j 20:51	0° \mathbb{P}		greatest brilliancy	-4437 Mar 09 j 05:24	20° \mathbb{H} 32'15	-4.7m
morning set	-4440 Oct 06 j 19:22	1° \mathbb{P} 11'03		retrograde	-4437 Mar 19 j 21:12	22° \mathbb{H} 35'24	
	-4440 Oct 29 j 15:49	0° \mathbb{D}		evening set	-4437 Apr 05 j 02:11	17° \mathbb{H} 35'48	
desc. node	-4440 Nov 15 j 09:50	21° \mathbb{D} 02'12		inferior conj	-4437 Apr 10 j 09:05	14° \mathbb{H} 22'29	4°51'56
				minimum elong	-4437 Apr 10 j 17:36	14° \mathbb{H} 09'04	4°49'55
superior conj	-4440 Nov 17 j 19:08	24° \mathbb{D} 01'46	-0°05'35	min. Earth dist.	-4437 Apr 11 j 02:32	13° \mathbb{H} 55'00	0.29233 AU
minimum elong	-4440 Nov 17 j 17:35	23° \mathbb{D} 56'53	0°05'35	morning rise	-4437 Apr 16 j 08:39	10° \mathbb{H} 44'04	
behind sun begin	-4440 Nov 16 j 15:50	22° \mathbb{D} 36'14		direct	-4437 May 02 j 05:14	5° \mathbb{H} 56'55	
behind sun end	-4440 Nov 18 j 19:19	25° \mathbb{D} 17'31		desc. node	-4437 May 03 j 04:17	5° \mathbb{H} 57'58	
	-4440 Nov 22 j 13:34	0° \mathbb{M}		greatest brilliancy	-4437 May 12 j 23:24	8° \mathbb{H} 00'24	-4.7m
max. Earth dist.	-4440 Nov 22 j 23:00	0° \mathbb{M} 29'32	1.71466 AU		-4437 Jun 13 j 19:38	0° \mathbb{Y}	
	-4440 Dec 16 j 14:37	0° \mathbb{A}		morning max el	-4437 Jun 20 j 09:05	6° \mathbb{Y} 09'53	46°03'56
evening rise	-4440 Dec 29 j 12:49	16° \mathbb{A} 03'25			-4437 Jul 13 j 09:40	0° \mathbb{B}	
	-4439 Jan 09 j 19:04	0° \mathbb{Z}			-4437 Aug 08 j 19:00	0° \mathbb{I}	
	-4439 Feb 03 j 03:33	0° \approx		asc. node	-4437 Aug 24 j 00:34	18° \mathbb{I} 08'06	
	-4439 Feb 27 j 17:41	0° \mathbb{H}			-4437 Sep 02 j 19:19	0° \mathbb{D}	
asc. node	-4439 Mar 08 j 03:21	10° \mathbb{H} 09'57			-4437 Sep 27 j 02:35	0° \mathbb{Q}	
	-4439 Mar 24 j 15:48	0° \mathbb{Y}			-4437 Oct 21 j 02:18	0° \mathbb{P}	
	-4439 Apr 19 j 01:12	0° \mathbb{B}			-4437 Nov 14 j 00:41	0° \mathbb{D}	
	-4439 May 15 j 04:01	0° \mathbb{I}			-4437 Dec 08 j 01:05	0° \mathbb{M}	
	-4439 Jun 11 j 16:37	0° \mathbb{D}		desc. node	-4437 Dec 13 j 22:14	7° \mathbb{M} 19'21	

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

morning set	-4437 Dec 24 j 05:23	20°♌07'26	evening set	-4434 Jun 13 j 15:10	25°♊23'09	
	-4436 Jan 01 j 04:28	0°♊	inferior conj	-4434 Jun 19 j 18:26	21°♊49'02	-4°32'27
	-4436 Jan 25 j 10:29	0°♊	minimum elong	-4434 Jun 19 j 09:28	22°♊02'39	4°29'59
			min. Earth dist.	-4434 Jun 20 j 03:35	21°♊35'09	0.28061 AU
superior conj	-4436 Feb 02 j 10:35	9°♊52'35 -1°22'14	morning rise	-4434 Jun 25 j 03:12	18°♊38'52	
minimum elong	-4436 Feb 02 j 07:15	9°♊42'19 1°22'26	direct	-4434 Jul 11 j 04:29	13°♊45'31	
max. Earth dist.	-4436 Feb 04 j 21:19	12°♊53'38 1.73100 AU	greatest brilliancy	-4434 Jul 22 j 07:36	16°♊01'02	-4.8m
	-4436 Feb 18 j 18:37	0°♊		-4434 Aug 13 j 05:10	0°♊	
evening rise	-4436 Mar 11 j 02:43	26°♊13'03	morning max el	-4434 Aug 30 j 11:29	16°♊01'21	46°40'20
greatest brilliancy	-4436 Mar 12 j 14:04	28°♊01'27 -3.9m		-4434 Sep 12 j 19:01	0°♊	
	-4436 Mar 14 j 04:44	0°♊	asc. node	-4434 Sep 20 j 12:07	8°♊31'53	
asc. node	-4436 Apr 04 j 15:46	26°♊16'12		-4434 Oct 09 j 02:58	0°♊	
	-4436 Apr 07 j 17:04	0°♊		-4434 Nov 03 j 02:43	0°♊	
	-4436 May 02 j 08:01	0°♊		-4434 Nov 27 j 15:09	0°♊	
	-4436 May 27 j 02:24	0°♊		-4434 Dec 22 j 01:15	0°♊	
	-4436 Jun 21 j 02:06	0°♊	desc. node	-4433 Jan 10 j 10:24	23°♌46'32	
	-4436 Jul 16 j 11:15	0°♊		-4433 Jan 15 j 12:16	0°♊	
desc. node	-4436 Jul 25 j 12:39	10°♊31'35		-4433 Feb 09 j 00:25	0°♊	
	-4436 Aug 11 j 15:17	0°♊		-4433 Mar 05 j 12:48	0°♊	
evening max el	-4436 Sep 06 j 19:22	28°♊03'10 47°34'47	morning set	-4433 Mar 06 j 18:07	1°♊29'43	
	-4436 Sep 08 j 17:56	0°♊		-4433 Mar 30 j 00:34	0°♊	
greatest brilliancy	-4436 Oct 17 j 20:15	29°♊46'25 -4.9m	max. Earth dist.	-4433 Apr 10 j 13:22	14°♊08'50 1.73733 AU	
	-4436 Oct 18 j 11:25	0°♌				
retrograde	-4436 Oct 27 j 18:57	1°♌41'07	superior conj	-4433 Apr 12 j 02:44	16°♊03'31 -0°46'28	
	-4436 Nov 05 j 18:45	30°♌	minimum elong	-4433 Apr 12 j 10:29	16°♊27'16 0°46'13	
evening set	-4436 Nov 11 j 07:57	27°♌25'09		-4433 Apr 23 j 11:08	0°♊	
asc. node	-4436 Nov 15 j 08:30	25°♌03'43	asc. node	-4433 May 03 j 04:21	11°♊56'45	
inferior conj	-4436 Nov 17 j 11:34	23°♌44'29 0°32'26	evening rise	-4433 May 17 j 20:05	29°♊59'27	
minimum elong	-4436 Nov 17 j 10:23	23°♌46'20 0°31'59		-4433 May 17 j 20:16	0°♊	
min. Earth dist.	-4436 Nov 16 j 18:28	24°♌11'08 0.26726 AU		-4433 Jun 11 j 04:03	0°♊	
morning rise	-4436 Nov 23 j 13:27	20°♌07'39		-4433 Jul 05 j 11:17	0°♊	
direct	-4436 Dec 07 j 18:30	16°♌02'43		-4433 Jul 29 j 19:38	0°♊	
greatest brilliancy	-4436 Dec 17 j 04:06	17°♌43'05 -4.9m	desc. node	-4433 Aug 23 j 00:41	29°♊39'17	
	-4435 Jan 06 j 18:28	0°♌		-4433 Aug 23 j 07:28	0°♊	
morning max el	-4435 Jan 26 j 06:47	17°♌26'32 46°15'18		-4433 Sep 17 j 02:11	0°♊	
	-4435 Feb 07 j 17:01	0°♊		-4433 Oct 12 j 10:13	0°♌	
desc. node	-4435 Mar 07 j 07:48	29°♊56'48		-4433 Nov 08 j 01:09	0°♊	
	-4435 Mar 07 j 08:57	0°♊	evening max el	-4433 Nov 18 j 02:42	10°♊34'53 46°58'58	
	-4435 Apr 02 j 16:25	0°♊		-4433 Dec 09 j 01:39	0°♊	
	-4435 Apr 28 j 06:24	0°♊	asc. node	-4433 Dec 13 j 19:59	3°♊39'40	
	-4435 May 23 j 07:54	0°♊	greatest brilliancy	-4433 Dec 27 j 19:24	11°♊42'58 -4.8m	
	-4435 Jun 16 j 22:58	0°♊	retrograde	-4432 Jan 07 j 19:39	14°♊00'20	
asc. node	-4435 Jun 28 j 02:51	13°♊45'07	evening set	-4432 Jan 25 j 02:02	8°♊05'58	
	-4435 Jul 11 j 05:10	0°♊	min. Earth dist.	-4432 Jan 28 j 08:25	6°♊02'30 0.28799 AU	
morning set	-4435 Jul 22 j 07:51	13°♊51'57	inferior conj	-4432 Jan 29 j 00:50	5°♊36'11 8°03'59	
	-4435 Aug 04 j 04:36	0°♊	minimum elong	-4432 Jan 28 j 20:28	5°♊43'11 8°03'28	
	-4435 Aug 28 j 00:10	0°♊	morning rise	-4432 Feb 01 j 15:15	3°♊20'02	
max. Earth dist.	-4435 Aug 28 j 14:50	0°♊46'17 1.71010 AU		-4432 Feb 07 j 19:10	30°♌	
			direct	-4432 Feb 19 j 07:50	27°♊19'53	
superior conj	-4435 Aug 29 j 15:17	2°♊03'25 1°22'24	greatest brilliancy	-4432 Feb 28 j 06:36	28°♊48'48 -4.7m	
minimum elong	-4435 Aug 29 j 19:18	2°♊16'07 1°22'33		-4432 Mar 02 j 12:24	0°♊	
	-4435 Sep 20 j 18:50	0°♊	desc. node	-4432 Apr 03 j 19:12	23°♊07'06	
evening rise	-4435 Oct 09 j 19:00	23°♊55'48	morning max el	-4432 Apr 08 j 03:01	27°♊09'48 45°49'50	
	-4435 Oct 14 j 14:59	0°♊		-4432 Apr 11 j 01:53	0°♊	
desc. node	-4435 Oct 17 j 23:31	4°♊12'38		-4432 May 09 j 21:15	0°♊	
	-4435 Nov 07 j 14:03	0°♌		-4432 Jun 05 j 10:35	0°♊	
	-4435 Dec 01 j 16:58	0°♊		-4432 Jun 30 j 20:45	0°♊	
	-4435 Dec 26 j 01:19	0°♊	asc. node	-4432 Jul 25 j 14:55	0°♊05'39	
asc. node	-4434 Jan 19 j 18:33	0°♊		-4432 Jul 25 j 13:05	0°♊	
	-4434 Feb 07 j 17:12	22°♊30'35		-4432 Aug 18 j 17:09	0°♊	
	-4434 Feb 14 j 03:09	0°♊	greatest brilliancy	-4432 Aug 21 j 00:20	2°♊52'42 -3.9m	
	-4434 Mar 12 j 15:25	0°♊		-4432 Sep 11 j 13:54	0°♊	
	-4434 Apr 10 j 16:23	0°♊	morning set	-4432 Oct 04 j 05:51	28°♊37'34	
evening max el	-4434 Apr 11 j 04:16	0°♊28'13 45°10'07		-4432 Oct 05 j 07:58	0°♊	
greatest brilliancy	-4434 May 19 j 04:50	27°♊45'39 -4.7m		-4432 Oct 29 j 02:55	0°♊	
retrograde	-4434 May 29 j 14:04	29°♊40'31	desc. node	-4432 Nov 14 j 11:57	20°♊34'07	
desc. node	-4434 May 30 j 15:43	29°♊39'12				

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

superior conj	-4432 Nov 15 j 03:52	21° Ω 24'00	-0°01'34	min. Earth dist.	-4429 Apr 08 j 19:20	11° Υ 48'37	0.29257 AU
minimum elong	-4432 Nov 15 j 03:23	21° Ω 22'31	0°01'37	morning rise	-4429 Apr 13 j 23:40	8° Υ 40'05	
behind sun begin	-4432 Nov 14 j 00:22	19° Ω 57'48		direct	-4429 Apr 29 j 21:37	3° Υ 49'45	
behind sun end	-4432 Nov 16 j 06:25	22° Ω 47'14		desc. node	-4429 May 02 j 06:23	3° Υ 56'07	
max. Earth dist.	-4432 Nov 20 j 09:39	27° Ω 58'00	1.71413 AU	greatest brilliancy	-4429 May 10 j 15:57	5° Υ 53'16	-4.7m
	-4432 Nov 22 j 00:38	0° \mathbb{M}			-4429 Jun 13 j 19:59	0° Υ	
	-4432 Dec 16 j 01:39	0° Υ		morning max el	-4429 Jun 18 j 01:03	3° Υ 59'32	46°02'56
evening rise	-4432 Dec 27 j 00:36	13° Υ 36'57			-4429 Jul 13 j 01:50	0° Υ	
	-4431 Jan 09 j 06:03	0° Υ			-4429 Aug 08 j 08:37	0° \mathbb{I}	
	-4431 Feb 02 j 14:37	0° \approx		asc. node	-4429 Aug 23 j 02:46	17° \mathbb{I} 35'51	
	-4431 Feb 27 j 04:59	0° Υ			-4429 Sep 02 j 07:49	0° \mathbb{E}	
asc. node	-4431 Mar 07 j 05:33	9° Υ 42'07			-4429 Sep 26 j 14:31	0° Ω	
	-4431 Mar 24 j 03:39	0° Υ			-4429 Oct 20 j 13:54	0° \mathbb{M}	
	-4431 Apr 18 j 14:05	0° Υ			-4429 Nov 13 j 12:03	0° Ω	
	-4431 May 14 j 18:55	0° \mathbb{I}			-4429 Dec 07 j 12:15	0° \mathbb{M}	
	-4431 Jun 11 j 12:07	0° \mathbb{E}		desc. node	-4429 Dec 13 j 00:15	6° \mathbb{M} 50'58	
evening max el	-4431 Jun 22 j 21:00	11° \mathbb{E} 23'59	46°18'31	morning set	-4429 Dec 21 j 16:08	17° \mathbb{M} 37'19	
desc. node	-4431 Jun 27 j 03:06	15° \mathbb{E} 27'29			-4429 Dec 31 j 15:29	0° Υ	
	-4431 Jul 14 j 03:39	0° Ω			-4428 Jan 24 j 21:23	0° Υ	
greatest brilliancy	-4431 Aug 02 j 12:25	10° Ω 54'54	-4.9m				
retrograde	-4431 Aug 11 j 13:24	12° Ω 25'06		superior conj	-4428 Jan 31 j 01:13	7° Υ 36'11	-1°21'36
evening set	-4431 Aug 29 j 08:51	6° Ω 30'27		minimum elong	-4428 Jan 30 j 21:06	7° Υ 23'31	1°21'47
inferior conj	-4431 Sep 01 j 06:44	4° Ω 45'38	-8°44'03	max. Earth dist.	-4428 Feb 02 j 12:48	10° Υ 39'55	1.73053 AU
minimum elong	-4431 Sep 01 j 12:03	4° Ω 37'34	8°43'28		-4428 Feb 18 j 05:27	0° \approx	
min. Earth dist.	-4431 Sep 01 j 15:23	4° Ω 32'30	0.26808 AU	evening rise	-4428 Mar 08 j 20:00	24° \approx 05'35	
morning rise	-4431 Sep 04 j 15:09	2° Ω 45'15		greatest brilliancy	-4428 Mar 10 j 21:58	26° \approx 38'51	-3.9m
	-4431 Sep 09 j 19:34	30° \mathbb{R} \mathbb{E}			-4428 Mar 13 j 15:35	0° Υ	
direct	-4431 Sep 21 j 19:43	27° \mathbb{E} 06'25		asc. node	-4428 Apr 03 j 17:59	25° Υ 49'32	
greatest brilliancy	-4431 Oct 02 j 11:30	29° \mathbb{E} 15'26	-4.9m		-4428 Apr 07 j 04:02	0° Υ	
	-4431 Oct 04 j 06:33	0° Ω			-4428 May 01 j 19:18	0° Υ	
asc. node	-4431 Oct 17 j 23:25	8° Ω 22'22			-4428 May 26 j 14:14	0° \mathbb{I}	
	-4431 Nov 10 j 20:47	0° \mathbb{M}			-4428 Jun 20 j 14:50	0° \mathbb{E}	
morning max el	-4431 Nov 11 j 13:44	0° \mathbb{M} 43'14	46°48'58		-4428 Jul 16 j 01:29	0° Ω	
	-4431 Dec 08 j 12:14	0° Ω		desc. node	-4428 Jul 24 j 14:41	9° Ω 54'20	
	-4430 Jan 03 j 11:04	0° \mathbb{M}			-4428 Aug 11 j 08:20	0° \mathbb{M}	
	-4430 Jan 28 j 20:29	0° Υ		evening max el	-4428 Sep 04 j 09:10	25° \mathbb{M} 38'32	47°33'48
desc. node	-4430 Feb 06 j 22:15	10° Υ 48'03			-4428 Sep 08 j 18:25	0° Ω	
	-4430 Feb 22 j 23:53	0° Υ		greatest brilliancy	-4428 Oct 15 j 10:42	27° Ω 19'15	-4.9m
	-4430 Mar 19 j 22:57	0° \approx		retrograde	-4428 Oct 25 j 08:31	29° Ω 13'17	
	-4430 Apr 13 j 17:42	0° Υ		evening set	-4428 Nov 08 j 21:35	24° Ω 56'41	
	-4430 May 08 j 07:45	0° Υ		asc. node	-4428 Nov 14 j 10:36	21° Ω 39'15	
morning set	-4430 May 12 j 19:54	5° Υ 31'36		min. Earth dist.	-4428 Nov 14 j 08:31	21° Ω 42'28	0.26681 AU
asc. node	-4430 May 30 j 16:43	27° Υ 31'18		inferior conj	-4428 Nov 15 j 00:35	21° Ω 17'32	0°08'55
	-4430 Jun 01 j 16:52	0° Υ		minimum elong	-4428 Nov 15 j 00:16	21° Ω 18'02	0°08'44
max. Earth dist.	-4430 Jun 13 j 07:43	14° Υ 23'15	1.72693 AU	transit middle	-4428 Nov 15 j 00:16	21° Ω 18'02	0°08'44
				transit begin	-4428 Nov 14 j 20:48	21° Ω 23'24	
superior conj	-4430 Jun 17 j 19:40	19° Υ 58'16	0°40'51	transit end	-4428 Nov 15 j 03:43	21° Ω 12'41	
minimum elong	-4430 Jun 17 j 12:24	19° Υ 35'42	0°40'42	morning rise	-4428 Nov 21 j 03:33	17° Ω 39'53	
	-4430 Jun 25 j 21:15	0° \mathbb{I}		direct	-4428 Dec 05 j 07:07	13° Ω 36'24	
	-4430 Jul 19 j 22:01	0° \mathbb{E}		greatest brilliancy	-4428 Dec 14 j 18:05	15° Ω 18'29	-4.9m
evening rise	-4430 Jul 24 j 05:33	5° \mathbb{E} 23'49			-4427 Jan 07 j 06:35	0° \mathbb{M}	
	-4430 Aug 12 j 21:08	0° Ω		morning max el	-4427 Jan 23 j 21:25	15° \mathbb{M} 08'18	46°16'38
	-4430 Sep 05 j 20:48	0° \mathbb{M}			-4427 Feb 07 j 12:03	0° Υ	
desc. node	-4430 Sep 19 j 13:07	17° \mathbb{M} 03'31		desc. node	-4427 Mar 06 j 10:04	29° Υ 21'29	
	-4430 Sep 29 j 22:58	0° Ω			-4427 Mar 06 j 23:47	0° Υ	
	-4430 Oct 24 j 05:23	0° \mathbb{M}			-4427 Apr 02 j 05:23	0° \approx	
	-4430 Nov 17 j 19:01	0° Υ			-4427 Apr 27 j 18:23	0° Υ	
	-4430 Dec 12 j 22:42	0° Υ			-4427 May 22 j 19:17	0° Υ	
	-4429 Jan 08 j 09:01	0° \approx			-4427 Jun 16 j 10:02	0° Υ	
asc. node	-4429 Jan 10 j 07:27	2° \approx 06'04		asc. node	-4427 Jun 27 j 04:56	13° Υ 17'34	
evening max el	-4429 Jan 27 j 21:16	20° \approx 15'45	45°32'23		-4427 Jul 10 j 16:06	0° \mathbb{I}	
	-4429 Feb 07 j 07:54	0° Υ		morning set	-4427 Jul 19 j 23:38	11° \mathbb{I} 37'07	
greatest brilliancy	-4429 Mar 06 j 22:03	18° Υ 25'42	-4.7m		-4427 Aug 03 j 15:32	0° \mathbb{E}	
retrograde	-4429 Mar 17 j 13:58	20° Υ 29'37		max. Earth dist.	-4427 Aug 25 j 23:41	28° \mathbb{E} 08'05	1.71045 AU
evening set	-4429 Apr 02 j 21:25	15° Υ 25'50					
inferior conj	-4429 Apr 08 j 02:02	12° Υ 15'52	5°06'45	superior conj	-4427 Aug 27 j 04:10	29° \mathbb{E} 37'58	1°23'00
minimum elong	-4429 Apr 08 j 10:44	12° Υ 02'09	5°04'45	minimum elong	-4427 Aug 27 j 07:17	29° \mathbb{E} 47'47	1°23'11

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

	-4427 Aug 27 j 11:10	0°♌			-4424 Mar 04 j 19:50	0°♊		
	-4427 Sep 20 j 05:56	0°♍		desc. node	-4424 Apr 02 j 21:19	22°♊15'34		
evening rise	-4427 Oct 07 j 03:45	21°♍17'16		morning max el	-4424 Apr 05 j 17:48	24°♊56'41	45°50'01	
	-4427 Oct 14 j 02:13	0°♌			-4424 Apr 10 j 23:08	0°♋		
desc. node	-4427 Oct 17 j 01:36	3°♌43'53			-4424 May 09 j 12:42	0°♋		
	-4427 Nov 07 j 01:25	0°♍			-4424 Jun 04 j 23:55	0°♌		
	-4427 Dec 01 j 04:29	0°♎			-4424 Jun 30 j 09:03	0°♍		
	-4427 Dec 25 j 13:05	0°♏		asc. node	-4424 Jul 24 j 17:03	29°♍35'58		
	-4426 Jan 19 j 06:50	0°♐			-4424 Jul 25 j 00:52	0°♎		
asc. node	-4426 Feb 06 j 19:26	21°♐58'58			-4424 Aug 18 j 04:38	0°♏		
	-4426 Feb 13 j 16:31	0°♑		greatest brilliancy	-4424 Aug 25 j 19:35	9°♏33'23	-3.9m	
	-4426 Mar 12 j 07:17	0°♒			-4424 Sep 11 j 01:14	0°♐		
evening max el	-4426 Apr 08 j 20:19	28°♒17'55	45°09'13	morning set	-4424 Oct 01 j 16:50	26°♐05'00		
	-4426 Apr 10 j 15:42	0°♓			-4424 Oct 04 j 19:14	0°♑		
greatest brilliancy	-4426 May 16 j 18:23	25°♓30'39	-4.7m		-4424 Oct 28 j 14:10	0°♒		
retrograde	-4426 May 27 j 04:34	27°♓25'50						
desc. node	-4426 May 29 j 17:48	27°♓18'18		superior conj	-4424 Nov 12 j 12:57	18°♓46'55	0°02'27	
evening set	-4426 Jun 11 j 04:02	23°♓10'50		minimum elong	-4424 Nov 12 j 13:36	18°♓48'57	0°02'23	
inferior conj	-4426 Jun 17 j 09:01	19°♓33'52	-4°13'50	behind sun begin	-4424 Nov 11 j 10:40	17°♓24'28		
minimum elong	-4426 Jun 17 j 00:29	19°♓46'51	4°11'27	behind sun end	-4424 Nov 13 j 16:33	20°♓13'25		
min. Earth dist.	-4426 Jun 17 j 18:17	19°♓19'45	0.28100 AU	desc. node	-4424 Nov 13 j 13:58	20°♓05'19		
morning rise	-4426 Jun 22 j 20:26	16°♓19'46		max. Earth dist.	-4424 Nov 17 j 19:35	25°♓23'41	1.71361 AU	
direct	-4426 Jul 08 j 20:13	11°♓29'45			-4424 Nov 21 j 11:52	0°♓		
greatest brilliancy	-4426 Jul 19 j 22:12	13°♓44'11	-4.8m		-4424 Dec 15 j 12:51	0°♎		
	-4426 Aug 13 j 13:00	0°♔		evening rise	-4424 Dec 24 j 12:19	11°♎09'30		
morning max el	-4426 Aug 28 j 01:56	13°♔41'10	46°39'13		-4423 Jan 08 j 17:17	0°♏		
	-4426 Sep 12 j 13:15	0°♕			-4423 Feb 02 j 01:58	0°♐		
asc. node	-4426 Sep 19 j 14:22	7°♕50'38			-4423 Feb 26 j 16:39	0°♑		
	-4426 Oct 08 j 17:45	0°♌		asc. node	-4423 Mar 06 j 07:42	9°♑13'06		
	-4426 Nov 02 j 16:00	0°♍			-4423 Mar 23 j 15:53	0°♒		
	-4426 Nov 27 j 03:38	0°♎			-4423 Apr 18 j 03:26	0°♓		
	-4426 Dec 21 j 13:13	0°♏			-4423 May 14 j 10:24	0°♔		
desc. node	-4425 Jan 09 j 12:28	23°♏17'09			-4423 Jun 11 j 08:39	0°♕		
	-4425 Jan 14 j 23:51	0°♎		evening max el	-4423 Jun 20 j 08:40	8°♕57'26	46°15'12	
	-4425 Feb 08 j 11:41	0°♏		desc. node	-4423 Jun 26 j 05:14	14°♕30'15		
morning set	-4425 Mar 04 j 10:57	29°♏20'36			-4423 Jul 15 j 00:44	0°♌		
	-4425 Mar 04 j 23:49	0°♐		greatest brilliancy	-4423 Jul 31 j 00:22	8°♌26'58	-4.9m	
	-4425 Mar 29 j 11:27	0°♑		retrograde	-4423 Aug 09 j 00:39	9°♌56'55		
max. Earth dist.	-4425 Apr 08 j 12:06	12°♑17'56	1.73738 AU	evening set	-4423 Aug 26 j 22:22	4°♌00'10		
				inferior conj	-4423 Aug 29 j 18:55	2°♌17'27	-8°49'00	
superior conj	-4425 Apr 09 j 21:19	13°♑59'52	-0°48'58	minimum elong	-4423 Aug 29 j 23:20	2°♌10'46	8°48'32	
minimum elong	-4425 Apr 10 j 05:18	14°♑24'21	0°48'45	min. Earth dist.	-4423 Aug 30 j 04:02	2°♌03'40	0.26845 AU	
	-4425 Apr 22 j 22:01	0°♒		morning rise	-4423 Sep 02 j 00:10	0°♍21'43		
asc. node	-4425 May 02 j 06:23	11°♒29'27			-4423 Sep 02 j 15:07	30°♎♏		
evening rise	-4425 May 15 j 15:27	27°♒57'23		direct	-4423 Sep 19 j 07:53	24°♏37'24		
	-4425 May 17 j 07:16	0°♓		greatest brilliancy	-4423 Sep 30 j 01:31	26°♏47'42	-4.9m	
	-4425 Jun 10 j 15:16	0°♔			-4423 Oct 06 j 16:46	0°♌		
	-4425 Jul 04 j 22:49	0°♕		asc. node	-4423 Oct 17 j 01:25	7°♌04'09		
	-4425 Jul 29 j 07:36	0°♌		morning max el	-4423 Nov 09 j 01:59	28°♌12'42	46°49'45	
desc. node	-4425 Aug 22 j 02:56	29°♌07'52			-4423 Nov 10 j 19:41	0°♍		
	-4425 Aug 22 j 20:04	0°♍			-4423 Dec 08 j 04:51	0°♎		
	-4425 Sep 16 j 15:44	0°♎			-4422 Jan 03 j 01:15	0°♏		
	-4425 Oct 12 j 01:27	0°♏			-4422 Jan 28 j 09:22	0°♎		
	-4425 Nov 07 j 20:19	0°♐		desc. node	-4422 Feb 06 j 00:29	10°♎17'10		
evening max el	-4425 Nov 15 j 18:40	8°♐17'42	47°01'34		-4422 Feb 22 j 11:59	0°♏		
	-4425 Dec 09 j 15:03	0°♑			-4422 Mar 19 j 10:33	0°♐		
asc. node	-4425 Dec 12 j 22:04	2°♑24'53			-4422 Apr 13 j 04:58	0°♑		
greatest brilliancy	-4425 Dec 25 j 12:37	9°♑29'44	-4.8m		-4422 May 07 j 18:51	0°♒		
retrograde	-4424 Jan 05 j 12:10	11°♑46'19		morning set	-4422 May 10 j 14:44	3°♒28'08		
evening set	-4424 Jan 22 j 16:16	5°♑55'53		asc. node	-4422 May 29 j 18:47	27°♒03'39		
min. Earth dist.	-4424 Jan 25 j 23:33	3°♑50'56	0.28736 AU		-4422 Jun 01 j 03:53	0°♓		
inferior conj	-4424 Jan 26 j 17:07	3°♑22'44	7°59'22	max. Earth dist.	-4422 Jun 11 j 04:25	12°♓24'24	1.72753 AU	
minimum elong	-4424 Jan 26 j 12:07	3°♑30'44	7°58'46					
morning rise	-4424 Jan 30 j 08:23	1°♑05'08		superior conj	-4422 Jun 15 j 13:38	17°♓50'46	0°38'04	
	-4424 Feb 01 j 04:16	30°♒♎		minimum elong	-4422 Jun 15 j 06:45	17°♓29'25	0°37'56	
direct	-4424 Feb 16 j 23:35	25°♎07'42			-4422 Jun 25 j 08:19	0°♔		
greatest brilliancy	-4424 Feb 25 j 20:54	26°♎35'23	-4.7m		-4422 Jul 19 j 09:14	0°♕		

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

evening rise	-4422 Jul 21 j 21:29	3° \ominus 08'21				-4419 Jan 07 j 15:58	0° \mathbb{M}	
	-4422 Aug 12 j 08:35	0° Ω		morning max el		-4419 Jan 21 j 12:18	12° \mathbb{M} 49'49	46°18'05
	-4422 Sep 05 j 08:32	0° \mathbb{M}				-4419 Feb 07 j 06:50	0° \mathbb{M}	
desc. node	-4422 Sep 18 j 15:12	16° \mathbb{M} 33'02		desc. node		-4419 Mar 05 j 12:08	28° \mathbb{M} 45'23	
	-4422 Sep 29 j 10:58	0° Ω				-4419 Mar 06 j 14:36	0° \mathbb{M}	
	-4422 Oct 23 j 17:45	0° \mathbb{M}				-4419 Apr 01 j 18:26	0° \approx	
	-4422 Nov 17 j 07:59	0° \mathbb{M}				-4419 Apr 27 j 06:28	0° \mathbb{M}	
	-4422 Dec 12 j 12:51	0° \mathbb{M}				-4419 May 22 j 06:50	0° \mathbb{M}	
	-4421 Jan 08 j 02:03	0° \approx				-4419 Jun 15 j 21:19	0° \mathbb{M}	
asc. node	-4421 Jan 09 j 09:39	1° \approx 25'17		asc. node		-4419 Jun 26 j 07:09	12° \mathbb{M} 49'40	
evening max el	-4421 Jan 25 j 12:09	18° \approx 01'31	45°34'45			-4419 Jul 10 j 03:17	0° \mathbb{M}	
	-4421 Feb 07 j 11:58	0° \mathbb{M}		morning set		-4419 Jul 17 j 15:25	9° \mathbb{M} 21'35	
greatest brilliancy	-4421 Mar 04 j 14:08	16° \mathbb{M} 17'43	-4.7m			-4419 Aug 03 j 02:44	0° \mathbb{M}	
retrograde	-4421 Mar 15 j 07:16	18° \mathbb{M} 22'59		max. Earth dist.		-4419 Aug 23 j 05:56	25° \mathbb{M} 21'04	1.71079 AU
evening set	-4421 Mar 31 j 16:41	13° \mathbb{M} 14'52						
inferior conj	-4421 Apr 05 j 18:59	10° \mathbb{M} 08'10	5°21'05	superior conj		-4419 Aug 24 j 17:09	27° \mathbb{M} 12'04	1°23'28
minimum elong	-4421 Apr 06 j 03:49	9° \mathbb{M} 54'16	5°19'08	minimum elong		-4419 Aug 24 j 19:22	27° \mathbb{M} 19'04	1°23'39
min. Earth dist.	-4421 Apr 06 j 11:46	9° \mathbb{M} 41'46	0.29285 AU			-4419 Aug 26 j 22:24	0° Ω	
morning rise	-4421 Apr 11 j 14:37	6° \mathbb{M} 35'20				-4419 Sep 19 j 17:16	0° \mathbb{M}	
direct	-4421 Apr 27 j 14:22	1° \mathbb{M} 41'31		evening rise		-4419 Oct 04 j 12:29	18° \mathbb{M} 37'57	
desc. node	-4421 May 01 j 08:27	1° \mathbb{M} 57'26				-4419 Oct 13 j 13:39	0° Ω	
greatest brilliancy	-4421 May 08 j 08:10	3° \mathbb{M} 44'46	-4.7m	desc. node		-4419 Oct 16 j 03:36	3° Ω 14'18	
	-4421 Jun 13 j 19:45	0° \mathbb{M}				-4419 Nov 06 j 12:59	0° \mathbb{M}	
morning max el	-4421 Jun 15 j 17:57	1° \mathbb{M} 50'25	46°01'53			-4419 Nov 30 j 16:13	0° \mathbb{M}	
	-4421 Jul 12 j 18:08	0° \mathbb{M}				-4419 Dec 25 j 01:04	0° \mathbb{M}	
	-4421 Aug 07 j 22:29	0° \mathbb{M}				-4418 Jan 18 j 19:19	0° \approx	
asc. node	-4421 Aug 22 j 04:59	17° \mathbb{M} 02'48		asc. node		-4418 Feb 05 j 21:36	21° \approx 26'40	
	-4421 Sep 01 j 20:36	0° \mathbb{M}				-4418 Feb 13 j 06:07	0° \mathbb{M}	
	-4421 Sep 26 j 02:44	0° Ω				-4418 Mar 11 j 23:28	0° \mathbb{M}	
	-4421 Oct 20 j 01:48	0° \mathbb{M}		evening max el		-4418 Apr 06 j 12:07	26° \mathbb{M} 07'01	45°08'24
	-4421 Nov 12 j 23:43	0° Ω				-4418 Apr 10 j 16:06	0° \mathbb{M}	
	-4421 Dec 06 j 23:42	0° \mathbb{M}		greatest brilliancy		-4418 May 14 j 08:39	23° \mathbb{M} 16'50	-4.7m
desc. node	-4421 Dec 12 j 02:22	6° \mathbb{M} 22'01		retrograde		-4418 May 24 j 18:44	25° \mathbb{M} 11'46	
morning set	-4421 Dec 19 j 03:03	15° \mathbb{M} 06'45		desc. node		-4418 May 28 j 19:56	24° \mathbb{M} 52'47	
	-4421 Dec 31 j 02:45	0° \mathbb{M}		evening set		-4418 Jun 08 j 17:21	20° \mathbb{M} 58'48	
	-4420 Jan 24 j 08:30	0° \mathbb{M}		inferior conj		-4418 Jun 14 j 23:52	17° \mathbb{M} 19'21	-3°55'04
				minimum elong		-4418 Jun 14 j 15:50	17° \mathbb{M} 31'37	3°52'46
superior conj	-4420 Jan 28 j 15:59	5° \mathbb{M} 19'25	-1°20'51	min. Earth dist.		-4418 Jun 15 j 09:36	17° \mathbb{M} 04'31	0.28145 AU
minimum elong	-4420 Jan 28 j 11:05	5° \mathbb{M} 04'20	1°21'00	morning rise		-4418 Jun 20 j 13:46	14° \mathbb{M} 01'18	
max. Earth dist.	-4420 Jan 31 j 05:34	8° \mathbb{M} 29'25	1.73004 AU	direct		-4418 Jul 06 j 11:52	9° \mathbb{M} 14'30	
	-4420 Feb 17 j 16:30	0° \approx		greatest brilliancy		-4418 Jul 17 j 13:27	11° \mathbb{M} 28'04	-4.8m
evening rise	-4420 Mar 06 j 13:29	21° \approx 58'08				-4418 Aug 13 j 18:48	0° \mathbb{M}	
greatest brilliancy	-4420 Mar 09 j 08:13	25° \approx 22'48	-3.9m	morning max el		-4418 Aug 25 j 15:47	11° \mathbb{M} 18'58	46°37'58
	-4420 Mar 13 j 02:39	0° \mathbb{M}				-4418 Sep 12 j 07:18	0° \mathbb{M}	
asc. node	-4420 Apr 02 j 20:00	25° \mathbb{M} 21'29		asc. node		-4418 Sep 18 j 16:23	7° \mathbb{M} 08'27	
	-4420 Apr 06 j 15:17	0° \mathbb{M}				-4418 Oct 08 j 08:33	0° Ω	
	-4420 May 01 j 06:54	0° \mathbb{M}				-4418 Nov 02 j 05:22	0° \mathbb{M}	
	-4420 May 26 j 02:28	0° \mathbb{M}				-4418 Nov 26 j 16:12	0° Ω	
	-4420 Jun 20 j 04:01	0° \mathbb{M}				-4418 Dec 21 j 01:16	0° \mathbb{M}	
	-4420 Jul 15 j 16:13	0° Ω		desc. node		-4417 Jan 08 j 14:39	22° \mathbb{M} 47'57	
desc. node	-4420 Jul 23 j 16:55	9° Ω 16'21				-4417 Jan 14 j 11:30	0° \mathbb{M}	
	-4420 Aug 11 j 02:03	0° \mathbb{M}				-4417 Feb 07 j 23:00	0° \mathbb{M}	
evening max el	-4420 Sep 01 j 23:45	23° \mathbb{M} 15'08	47°32'45	morning set		-4417 Mar 02 j 03:52	27° \mathbb{M} 11'33	
	-4420 Sep 08 j 20:31	0° Ω				-4417 Mar 04 j 10:53	0° \approx	
greatest brilliancy	-4420 Oct 13 j 00:38	24° Ω 50'32	-4.9m			-4417 Mar 28 j 22:21	0° \mathbb{M}	
retrograde	-4420 Oct 22 j 22:22	26° Ω 44'11		max. Earth dist.		-4417 Apr 06 j 09:42	10° \mathbb{M} 23'33	1.73736 AU
evening set	-4420 Nov 06 j 11:22	22° Ω 26'54						
min. Earth dist.	-4420 Nov 11 j 22:14	19° Ω 12'52	0.26636 AU	superior conj		-4417 Apr 07 j 16:13	11° \mathbb{M} 57'08	-0°51'25
inferior conj	-4420 Nov 12 j 13:29	18° Ω 49'15	-0°14'50	minimum elong		-4417 Apr 08 j 00:23	12° \mathbb{M} 22'13	0°51'10
minimum elong	-4420 Nov 12 j 14:02	18° Ω 48'24	0°14'44			-4417 Apr 22 j 08:54	0° \mathbb{M}	
transit middle	-4420 Nov 12 j 14:02	18° Ω 48'24	0°14'44	asc. node		-4417 May 01 j 08:31	11° \mathbb{M} 02'34	
transit begin	-4420 Nov 12 j 12:05	18° Ω 51'25		evening rise		-4417 May 13 j 11:07	25° \mathbb{M} 56'27	
transit end	-4420 Nov 12 j 15:59	18° Ω 45'23				-4417 May 16 j 18:14	0° \mathbb{M}	
asc. node	-4420 Nov 13 j 12:46	18° Ω 13'16				-4417 Jun 10 j 02:28	0° \mathbb{M}	
morning rise	-4420 Nov 18 j 17:22	15° Ω 11'07				-4417 Jul 04 j 10:23	0° \mathbb{M}	
direct	-4420 Dec 02 j 20:07	11° Ω 09'00				-4417 Jul 28 j 19:40	0° Ω	
greatest brilliancy	-4420 Dec 12 j 07:29	12° Ω 52'02	-4.9m	desc. node		-4417 Aug 21 j 04:57	28° Ω 35'14	

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

	-4417 Aug 22 j 08:50	0°♎				-4415 Dec 07 j 21:09	0°♊		
	-4417 Sep 16 j 05:31	0°♋				-4414 Jan 02 j 15:14	0°♌		
	-4417 Oct 11 j 17:02	0°♍				-4414 Jan 27 j 22:05	0°♎		
	-4417 Nov 07 j 16:07	0°♏			desc. node	-4414 Feb 05 j 02:34	9°♏46'16		
evening max el	-4417 Nov 13 j 09:36	5°♏57'28	47°04'17			-4414 Feb 21 j 23:54	0°♐		
	-4417 Dec 10 j 09:06	0°♑				-4414 Mar 18 j 21:56	0°♑		
asc. node	-4417 Dec 12 j 00:16	1°♑07'53				-4414 Apr 12 j 16:02	0°♒		
greatest brilliancy	-4417 Dec 23 j 06:14	7°♑16'37	-4.8m			-4414 May 07 j 05:42	0°♓		
retrograde	-4416 Jan 03 j 04:20	9°♑32'09			morning set	-4414 May 08 j 09:43	1°♓25'51		
evening set	-4416 Jan 20 j 06:21	3°♑45'49			asc. node	-4414 May 28 j 21:00	26°♓37'14		
min. Earth dist.	-4416 Jan 23 j 15:01	1°♑38'45	0.28670 AU			-4414 May 31 j 14:40	0°♈		
inferior conj	-4416 Jan 24 j 09:24	1°♑09'14	7°54'08		max. Earth dist.	-4414 Jun 09 j 01:48	10°♈28'27	1.72806 AU	
minimum elong	-4416 Jan 24 j 03:49	1°♑18'12	7°53'24						
	-4416 Jan 26 j 04:42	30°♒♏			superior conj	-4414 Jun 13 j 07:59	15°♈45'14	0°35'16	
morning rise	-4416 Jan 28 j 01:41	28°♏49'55			minimum elong	-4414 Jun 13 j 01:31	15°♈25'09	0°35'07	
direct	-4416 Feb 14 j 14:50	22°♏55'22				-4414 Jun 24 j 19:07	0°♉		
greatest brilliancy	-4416 Feb 23 j 11:46	24°♏22'30	-4.7m			-4414 Jul 18 j 20:10	0°♊		
	-4416 Mar 06 j 07:44	0°♐			evening rise	-4414 Jul 19 j 14:04	0°♊55'55		
desc. node	-4416 Apr 01 j 23:22	21°♐24'59				-4414 Aug 11 j 19:43	0°♋		
morning max el	-4416 Apr 03 j 08:09	22°♐42'36	45°50'26			-4414 Sep 04 j 19:56	0°♌		
	-4416 Apr 10 j 19:35	0°♍			desc. node	-4414 Sep 17 j 17:14	16°♌03'26		
	-4416 May 09 j 03:49	0°♎				-4414 Sep 28 j 22:42	0°♍		
	-4416 Jun 04 j 13:00	0°♏				-4414 Oct 23 j 05:54	0°♎		
	-4416 Jun 29 j 21:09	0°♐				-4414 Nov 16 j 20:50	0°♏		
asc. node	-4416 Jul 23 j 19:15	29°♐07'04				-4414 Dec 12 j 03:01	0°♑		
	-4416 Jul 24 j 12:27	0°♒				-4413 Jan 07 j 19:21	0°♑		
	-4416 Aug 17 j 15:59	0°♓			asc. node	-4413 Jan 08 j 11:50	0°♑44'13		
greatest brilliancy	-4416 Aug 28 j 01:15	13°♓01'51	-3.9m		evening max el	-4413 Jan 23 j 03:48	15°♑49'25	45°37'19	
	-4416 Sep 10 j 12:30	0°♈				-4413 Feb 07 j 17:53	0°♒		
morning set	-4416 Sep 29 j 03:36	23°♈31'46			greatest brilliancy	-4413 Mar 02 j 06:03	14°♒09'52	-4.7m	
	-4416 Oct 04 j 06:30	0°♉			retrograde	-4413 Mar 13 j 00:44	16°♒16'23		
	-4416 Oct 28 j 01:25	0°♊			evening set	-4413 Mar 29 j 11:55	11°♒04'07		
					inferior conj	-4413 Apr 03 j 11:49	8°♒00'38	5°35'07	
superior conj	-4416 Nov 09 j 21:34	16°♊08'14	0°06'29		minimum elong	-4413 Apr 03 j 20:44	7°♒46'36	5°33'12	
minimum elong	-4416 Nov 09 j 23:21	16°♊13'47	0°06'21		min. Earth dist.	-4413 Apr 04 j 03:45	7°♒35'34	0.29308 AU	
behind sun begin	-4416 Nov 08 j 22:02	14°♊54'24			morning rise	-4413 Apr 09 j 05:19	4°♒30'57		
behind sun end	-4416 Nov 11 j 00:39	17°♊33'09				-4413 Apr 20 j 14:16	30°♒♑		
desc. node	-4416 Nov 12 j 16:09	19°♊36'58			direct	-4413 Apr 25 j 07:23	29°♑33'38		
max. Earth dist.	-4416 Nov 15 j 00:52	22°♊34'44	1.71309 AU		desc. node	-4413 Apr 30 j 10:41	0°♒03'19		
	-4416 Nov 20 j 23:05	0°♋				-4413 Apr 30 j 03:28	0°♒		
	-4416 Dec 15 j 00:01	0°♌			greatest brilliancy	-4413 May 05 j 23:33	1°♒35'53	-4.7m	
evening rise	-4416 Dec 21 j 23:26	8°♌40'18			morning max el	-4413 Jun 13 j 11:17	29°♒43'20	46°00'57	
	-4415 Jan 08 j 04:28	0°♐				-4413 Jun 13 j 18:12	0°♓		
	-4415 Feb 01 j 13:16	0°♑				-4413 Jul 12 j 09:51	0°♈		
	-4415 Feb 26 j 04:14	0°♒				-4413 Aug 07 j 11:54	0°♉		
asc. node	-4415 Mar 05 j 09:43	8°♒43'53			asc. node	-4413 Aug 21 j 06:59	16°♉30'19		
	-4415 Mar 23 j 04:03	0°♓				-4413 Sep 01 j 08:57	0°♊		
	-4415 Apr 17 j 16:41	0°♈				-4413 Sep 25 j 14:33	0°♋		
	-4415 May 14 j 01:50	0°♉				-4413 Oct 19 j 13:18	0°♌		
	-4415 Jun 11 j 05:28	0°♊				-4413 Nov 12 j 11:00	0°♍		
evening max el	-4415 Jun 17 j 20:33	6°♊32'42	46°12'05			-4413 Dec 06 j 10:51	0°♎		
desc. node	-4415 Jun 25 j 07:27	13°♊33'01			desc. node	-4413 Dec 11 j 04:31	5°♎54'07		
	-4415 Jul 16 j 04:30	0°♋			morning set	-4413 Dec 16 j 13:40	12°♎36'02		
greatest brilliancy	-4415 Jul 28 j 11:51	6°♋00'10	-4.8m			-4413 Dec 30 j 13:46	0°♌		
retrograde	-4415 Aug 06 j 12:33	7°♋30'40				-4412 Jan 23 j 19:26	0°♍		
evening set	-4415 Aug 24 j 11:36	1°♋32'08							
inferior conj	-4415 Aug 27 j 07:20	29°♋50'52	-8°52'49		superior conj	-4412 Jan 26 j 06:02	3°♋00'58	-1°19'55	
minimum elong	-4415 Aug 27 j 10:50	29°♋45'34	8°52'26		minimum elong	-4412 Jan 26 j 00:22	2°♋43'29	1°20'03	
	-4415 Aug 27 j 01:17	30°♌♋			max. Earth dist.	-4412 Jan 28 j 22:31	6°♋20'04	1.72957 AU	
min. Earth dist.	-4415 Aug 27 j 16:35	29°♋36'52	0.26892 AU			-4412 Feb 17 j 03:21	0°♍		
morning rise	-4415 Aug 30 j 09:54	27°♋59'12			evening rise	-4412 Mar 04 j 06:20	19°♍49'18		
direct	-4415 Sep 16 j 20:34	22°♋09'47			greatest brilliancy	-4412 Mar 07 j 21:33	24°♍16'50	-3.9m	
greatest brilliancy	-4415 Sep 27 j 15:39	24°♋21'23	-4.9m			-4412 Mar 12 j 13:31	0°♎		
	-4415 Oct 08 j 05:39	0°♌			asc. node	-4412 Apr 01 j 22:08	24°♎54'29		
asc. node	-4415 Oct 16 j 03:39	5°♌49'26				-4412 Apr 06 j 02:18	0°♏		
morning max el	-4415 Nov 06 j 15:22	25°♌45'25	46°50'13			-4412 Apr 30 j 18:18	0°♐		
	-4415 Nov 10 j 17:35	0°♍				-4412 May 25 j 14:28	0°♑		

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

	-4412 Jun 19 j 16:59	0°☿			-4409 Feb 07 j 10:00	0°♄		
	-4412 Jul 15 j 06:47	0°♌		morning set	-4409 Feb 27 j 20:40	25°♄02'54		
desc. node	-4412 Jul 22 j 18:59	8°♌38'32			-4409 Mar 03 j 21:41	0°♌		
	-4412 Aug 10 j 19:44	0°♍			-4409 Mar 28 j 09:04	0°♋		
evening max el	-4412 Aug 30 j 15:03	20°♍54'56	47°31'40	max. Earth dist.	-4409 Apr 04 j 05:45	8°♋25'00	1.73741 AU	
	-4412 Sep 08 j 23:27	0°♎						
greatest brilliancy	-4412 Oct 10 j 14:40	22°♎23'49	-4.9m	superior conj	-4409 Apr 05 j 10:57	9°♋54'33	-0°53'47	
retrograde	-4412 Oct 20 j 12:19	24°♎16'44		minimum elong	-4409 Apr 05 j 19:16	10°♋20'04	0°53'33	
evening set	-4412 Nov 04 j 01:33	19°♎58'51			-4409 Apr 21 j 19:38	0°♍		
min. Earth dist.	-4412 Nov 09 j 12:01	16°♎45'10	0.26595 AU	asc. node	-4409 Apr 30 j 10:42	10°♍36'16		
inferior conj	-4412 Nov 10 j 02:31	16°♎22'45	-0°38'33	evening rise	-4409 May 11 j 06:31	23°♍55'08		
minimum elong	-4412 Nov 10 j 03:56	16°♎20'32	0°38'08		-4409 May 16 j 05:05	0°♎		
asc. node	-4412 Nov 12 j 14:57	14°♎50'11			-4409 Jun 09 j 13:33	0°♏		
morning rise	-4412 Nov 16 j 07:04	12°♎44'13			-4409 Jul 03 j 21:49	0°☿		
direct	-4412 Nov 30 j 09:26	8°♎43'33			-4409 Jul 28 j 07:37	0°♌		
greatest brilliancy	-4412 Dec 09 j 20:49	10°♎26'56	-4.9m	desc. node	-4409 Aug 20 j 07:01	28°♌03'08		
	-4411 Jan 07 j 22:15	0°♏			-4409 Aug 21 j 21:30	0°♍		
morning max el	-4411 Jan 19 j 02:46	10°♏31'16	46°19'11		-4409 Sep 15 j 19:15	0°♎		
	-4411 Feb 07 j 00:49	0°♐			-4409 Oct 11 j 08:38	0°♏		
desc. node	-4411 Mar 04 j 14:11	28°♐10'13			-4409 Nov 07 j 12:16	0°♐		
	-4411 Mar 06 j 05:01	0°♑		evening max el	-4409 Nov 11 j 00:08	3°♐36'45	47°07'03	
	-4411 Apr 01 j 07:10	0°♒		asc. node	-4409 Dec 11 j 02:26	29°♐49'15		
	-4411 Apr 26 j 18:17	0°♋			-4409 Dec 11 j 09:05	0°♑		
	-4411 May 21 j 18:07	0°♌		greatest brilliancy	-4409 Dec 20 j 23:51	5°♑04'05	-4.8m	
	-4411 Jun 15 j 08:19	0°♍		retrograde	-4409 Dec 31 j 20:39	7°♑19'00		
asc. node	-4411 Jun 25 j 09:12	12°♍22'13		evening set	-4408 Jan 17 j 20:19	1°♑36'46		
	-4411 Jul 09 j 14:11	0°♏			-4408 Jan 20 j 10:15	30°♋♐		
morning set	-4411 Jul 15 j 07:09	7°♏06'53		min. Earth dist.	-4408 Jan 21 j 06:42	29°♐27'18	0.28602 AU	
	-4411 Aug 02 j 13:39	0°☿		inferior conj	-4408 Jan 22 j 01:47	28°♐56'39	7°48'01	
max. Earth dist.	-4411 Aug 20 j 09:44	22°☿27'15	1.71115 AU	minimum elong	-4408 Jan 21 j 19:39	29°♐06'30	7°47'11	
				morning rise	-4408 Jan 25 j 19:21	26°♐35'20		
superior conj	-4411 Aug 22 j 06:25	24°☿48'07	1°23'46	direct	-4408 Feb 12 j 05:47	20°♐43'48		
minimum elong	-4411 Aug 22 j 07:45	24°☿52'16	1°23'57	greatest brilliancy	-4408 Feb 21 j 03:00	22°♐10'54	-4.7m	
	-4411 Aug 26 j 09:22	0°♌			-4408 Mar 07 j 08:41	0°♑		
	-4411 Sep 19 j 04:17	0°♍		morning max el	-4408 Mar 31 j 22:53	20°♑29'59	45°50'46	
evening rise	-4411 Oct 01 j 21:32	16°♍00'38		desc. node	-4408 Apr 01 j 01:37	20°♑36'30		
	-4411 Oct 13 j 00:46	0°♎			-4408 Apr 10 j 15:10	0°♒		
desc. node	-4411 Oct 15 j 05:49	2°♎46'22			-4408 May 08 j 18:37	0°♋		
	-4411 Nov 06 j 00:12	0°♏			-4408 Jun 04 j 01:57	0°♌		
	-4411 Nov 30 j 03:35	0°♐			-4408 Jun 29 j 09:12	0°♍		
	-4411 Dec 24 j 12:43	0°♑		asc. node	-4408 Jul 22 j 21:18	28°♍37'45		
	-4410 Jan 18 j 07:32	0°♒			-4408 Jul 24 j 00:01	0°♏		
asc. node	-4410 Feb 04 j 23:36	20°♒54'28			-4408 Aug 17 j 03:18	0°☿		
	-4410 Feb 12 j 19:34	0°♋		greatest brilliancy	-4408 Aug 29 j 06:46	15°☿14'45	-3.9m	
	-4410 Mar 11 j 15:46	0°♌			-4408 Sep 09 j 23:42	0°♌		
evening max el	-4410 Apr 04 j 03:07	23°♌54'31	45°07'36	morning set	-4408 Sep 26 j 14:25	20°♌59'00		
	-4410 Apr 10 j 17:38	0°♍			-4408 Oct 03 j 17:40	0°♍		
greatest brilliancy	-4410 May 11 j 23:15	21°♍03'37	-4.7m		-4408 Oct 27 j 12:35	0°♎		
retrograde	-4410 May 22 j 08:34	22°♍58'06						
desc. node	-4410 May 27 j 22:06	22°♍22'17		superior conj	-4408 Nov 07 j 06:12	13°♎29'43	0°10'29	
evening set	-4410 Jun 06 j 06:44	18°♍46'42		minimum elong	-4408 Nov 07 j 09:04	13°♎38'43	0°10'18	
inferior conj	-4410 Jun 12 j 14:38	15°♍05'18	-3°35'52	behind sun begin	-4408 Nov 06 j 11:40	12°♎31'32		
minimum elong	-4410 Jun 12 j 07:09	15°♍16'45	3°33'41	behind sun end	-4408 Nov 08 j 06:28	14°♎45'53		
min. Earth dist.	-4410 Jun 13 j 01:13	14°♍49'08	0.28188 AU	desc. node	-4408 Nov 11 j 18:14	19°♎08'38		
morning rise	-4410 Jun 18 j 06:54	11°♍43'26		max. Earth dist.	-4408 Nov 12 j 03:44	19°♎38'25	1.71261 AU	
direct	-4410 Jul 04 j 02:48	6°♍59'32			-4408 Nov 20 j 10:13	0°♏		
greatest brilliancy	-4410 Jul 15 j 05:08	9°♍13'01	-4.8m		-4408 Dec 14 j 11:08	0°♐		
	-4410 Aug 13 j 22:27	0°♏		evening rise	-4408 Dec 19 j 10:36	6°♐11'21		
morning max el	-4410 Aug 23 j 05:03	8°♏56'04	46°36'49		-4407 Jan 07 j 15:35	0°♑		
	-4410 Sep 12 j 00:41	0°☿			-4407 Feb 01 j 00:29	0°♒		
asc. node	-4410 Sep 17 j 18:36	6°☿28'03			-4407 Feb 25 j 15:45	0°♋		
	-4410 Oct 07 j 22:56	0°♌		asc. node	-4407 Mar 04 j 11:58	8°♋15'35		
	-4410 Nov 01 j 18:23	0°♍			-4407 Mar 22 j 16:11	0°♌		
	-4410 Nov 26 j 04:26	0°♎			-4407 Apr 17 j 06:01	0°♍		
	-4410 Dec 20 j 12:58	0°♏			-4407 May 13 j 17:34	0°♏		
desc. node	-4409 Jan 07 j 16:42	22°♏19'16			-4407 Jun 11 j 03:13	0°☿		
	-4409 Jan 13 j 22:48	0°♐		evening max el	-4407 Jun 15 j 09:22	4°☿10'03	46°08'52	

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

desc. node	-4407 Jun 24 j 09:30	12° \mathfrak{D} 33'34		desc. node	-4405 Dec 10 j 06:33	5° \mathfrak{M} 25'03	
	-4407 Jul 17 j 20:29	0° \mathfrak{Q}		morning set	-4405 Dec 14 j 00:08	10° \mathfrak{M} 03'56	
greatest brilliancy	-4407 Jul 25 j 22:37	3° \mathfrak{Q} 32'03	-4.8m		-4405 Dec 30 j 01:01	0° \mathfrak{X}	
retrograde	-4407 Aug 04 j 00:49	5° \mathfrak{Q} 03'42			-4404 Jan 23 j 06:34	0° \mathfrak{Z}	
	-4407 Aug 20 j 09:13	30° \mathfrak{R} \mathfrak{E}					
evening set	-4407 Aug 22 j 00:12	29° \mathfrak{E} 04'01		superior conj	-4404 Jan 23 j 19:57	0° \mathfrak{Z} 41'20	-1°18'51
inferior conj	-4407 Aug 24 j 19:34	27° \mathfrak{E} 23'28	-8°55'33	minimum elong	-4404 Jan 23 j 13:33	0° \mathfrak{Z} 21'35	1°18'59
minimum elong	-4407 Aug 24 j 22:08	27° \mathfrak{E} 19'36	8°55'15	max. Earth dist.	-4404 Jan 26 j 17:22	4° \mathfrak{Z} 15'45	1.72908 AU
min. Earth dist.	-4407 Aug 25 j 04:39	27° \mathfrak{E} 09'45	0.26936 AU		-4404 Feb 16 j 14:26	0° \mathfrak{X}	
morning rise	-4407 Aug 27 j 19:56	25° \mathfrak{E} 35'17		evening rise	-4404 Mar 01 j 23:17	17° \mathfrak{X} 40'00	
direct	-4407 Sep 14 j 09:37	19° \mathfrak{E} 41'33		greatest brilliancy	-4404 Mar 06 j 17:51	23° \mathfrak{X} 31'29	-3.9m
greatest brilliancy	-4407 Sep 25 j 05:04	21° \mathfrak{E} 53'50	-4.9m		-4404 Mar 12 j 00:37	0° \mathfrak{X}	
	-4407 Oct 09 j 07:57	0° \mathfrak{Q}		asc. node	-4404 Apr 01 j 00:22	24° \mathfrak{X} 26'59	
asc. node	-4407 Oct 15 j 05:53	4° \mathfrak{Q} 36'34			-4404 Apr 05 j 13:34	0° \mathfrak{Y}	
morning max el	-4407 Nov 04 j 05:32	23° \mathfrak{Q} 20'04	46°50'43		-4404 Apr 30 j 05:56	0° \mathfrak{X}	
	-4407 Nov 10 j 14:46	0° \mathfrak{M}			-4404 May 25 j 02:44	0° \mathfrak{I}	
	-4407 Dec 07 j 13:11	0° \mathfrak{E}			-4404 Jun 19 j 06:15	0° \mathfrak{E}	
	-4406 Jan 02 j 05:07	0° \mathfrak{M}			-4404 Jul 14 j 21:46	0° \mathfrak{Q}	
	-4406 Jan 27 j 10:45	0° \mathfrak{X}		desc. node	-4404 Jul 21 j 21:04	7° \mathfrak{Q} 59'36	
desc. node	-4406 Feb 04 j 04:36	9° \mathfrak{X} 15'15			-4404 Aug 10 j 14:12	0° \mathfrak{M}	
	-4406 Feb 21 j 11:48	0° \mathfrak{Z}		evening max el	-4404 Aug 28 j 06:01	18° \mathfrak{M} 32'33	47°30'04
	-4406 Mar 18 j 09:20	0° \mathfrak{X}			-4404 Sep 09 j 04:43	0° \mathfrak{E}	
	-4406 Apr 12 j 03:06	0° \mathfrak{X}		greatest brilliancy	-4404 Oct 08 j 05:05	19° \mathfrak{E} 55'24	-4.9m
morning set	-4406 May 06 j 04:59	29° \mathfrak{X} 24'21		retrograde	-4404 Oct 18 j 01:32	21° \mathfrak{E} 46'34	
	-4406 May 06 j 16:36	0° \mathfrak{Y}		evening set	-4404 Nov 01 j 15:38	17° \mathfrak{E} 28'09	
asc. node	-4406 May 27 j 23:05	26° \mathfrak{Y} 10'08		min. Earth dist.	-4404 Nov 07 j 01:57	14° \mathfrak{E} 14'27	0.26554 AU
	-4406 May 31 j 01:32	0° \mathfrak{X}		inferior conj	-4404 Nov 07 j 15:14	13° \mathfrak{E} 53'53	-1°02'28
max. Earth dist.	-4406 Jun 06 j 22:54	8° \mathfrak{X} 31'24	1.72864 AU	minimum elong	-4404 Nov 07 j 17:33	13° \mathfrak{E} 50'18	1°01'46
				asc. node	-4404 Nov 11 j 17:04	11° \mathfrak{E} 26'02	
superior conj	-4406 Jun 11 j 02:25	13° \mathfrak{X} 39'43	0°32'25	morning rise	-4404 Nov 13 j 20:12	10° \mathfrak{E} 14'56	
minimum elong	-4406 Jun 10 j 20:23	13° \mathfrak{X} 21'01	0°32'17	direct	-4404 Nov 27 j 22:13	6° \mathfrak{E} 15'45	
	-4406 Jun 24 j 06:05	0° \mathfrak{I}		greatest brilliancy	-4404 Dec 07 j 10:19	7° \mathfrak{E} 59'44	-4.9m
evening rise	-4406 Jul 17 j 06:37	28° \mathfrak{I} 42'52			-4403 Jan 08 j 03:09	0° \mathfrak{M}	
	-4406 Jul 18 j 07:19	0° \mathfrak{E}		morning max el	-4403 Jan 16 j 16:06	8° \mathfrak{M} 08'19	46°20'29
	-4406 Aug 11 j 07:06	0° \mathfrak{Q}			-4403 Feb 06 j 18:47	0° \mathfrak{X}	
	-4406 Sep 04 j 07:34	0° \mathfrak{M}		desc. node	-4403 Mar 03 j 16:28	27° \mathfrak{X} 35'03	
desc. node	-4406 Sep 16 j 19:27	15° \mathfrak{M} 33'40			-4403 Mar 05 j 19:35	0° \mathfrak{Z}	
	-4406 Sep 28 j 10:38	0° \mathfrak{E}			-4403 Mar 31 j 20:07	0° \mathfrak{X}	
	-4406 Oct 22 j 18:16	0° \mathfrak{M}			-4403 Apr 26 j 06:20	0° \mathfrak{X}	
	-4406 Nov 16 j 09:55	0° \mathfrak{X}			-4403 May 21 j 05:39	0° \mathfrak{Y}	
	-4406 Dec 11 j 17:28	0° \mathfrak{Z}			-4403 Jun 14 j 19:35	0° \mathfrak{X}	
asc. node	-4405 Jan 07 j 13:54	0° \mathfrak{X} 02'00		asc. node	-4403 Jun 24 j 11:20	11° \mathfrak{X} 54'13	
	-4405 Jan 07 j 13:09	0° \mathfrak{X}			-4403 Jul 09 j 01:21	0° \mathfrak{I}	
evening max el	-4405 Jan 20 j 20:27	13° \mathfrak{X} 39'20	45°39'56	morning set	-4403 Jul 12 j 23:29	4° \mathfrak{I} 53'22	
	-4405 Feb 08 j 02:18	0° \mathfrak{X}			-4403 Aug 02 j 00:48	0° \mathfrak{E}	
greatest brilliancy	-4405 Feb 27 j 22:33	12° \mathfrak{X} 02'42	-4.7m	max. Earth dist.	-4403 Aug 17 j 15:19	19° \mathfrak{E} 38'21	1.71161 AU
retrograde	-4405 Mar 10 j 18:14	14° \mathfrak{X} 09'54					
evening set	-4405 Mar 27 j 07:27	8° \mathfrak{X} 53'45		superior conj	-4403 Aug 19 j 20:15	22° \mathfrak{E} 25'07	1°23'54
inferior conj	-4405 Apr 01 j 04:54	5° \mathfrak{X} 53'23	5°48'33	minimum elong	-4403 Aug 19 j 20:40	22° \mathfrak{E} 26'27	1°24'06
minimum elong	-4405 Apr 01 j 13:51	5° \mathfrak{X} 39'16	5°46'41		-4403 Aug 25 j 20:36	0° \mathfrak{Q}	
min. Earth dist.	-4405 Apr 01 j 19:48	5° \mathfrak{X} 29'53	0.29324 AU		-4403 Sep 18 j 15:39	0° \mathfrak{M}	
morning rise	-4405 Apr 06 j 20:07	2° \mathfrak{X} 26'53		evening rise	-4403 Sep 29 j 06:46	13° \mathfrak{M} 22'46	
	-4405 Apr 11 j 15:15	30° \mathfrak{R} \mathfrak{X}			-4403 Oct 12 j 12:17	0° \mathfrak{E}	
direct	-4405 Apr 23 j 00:53	27° \mathfrak{X} 26'19		desc. node	-4403 Oct 14 j 07:54	2° \mathfrak{E} 16'47	
desc. node	-4405 Apr 29 j 12:47	28° \mathfrak{X} 13'24			-4403 Nov 05 j 11:52	0° \mathfrak{M}	
greatest brilliancy	-4405 May 03 j 14:29	29° \mathfrak{X} 26'40	-4.7m		-4403 Nov 29 j 15:24	0° \mathfrak{X}	
	-4405 May 05 j 01:21	0° \mathfrak{X}			-4403 Dec 24 j 00:49	0° \mathfrak{Z}	
morning max el	-4405 Jun 11 j 04:25	27° \mathfrak{X} 35'43	45°59'52		-4402 Jan 17 j 20:14	0° \mathfrak{X}	
	-4405 Jun 13 j 15:52	0° \mathfrak{Y}		asc. node	-4402 Feb 04 j 01:52	20° \mathfrak{X} 21'45	
	-4405 Jul 12 j 01:29	0° \mathfrak{X}			-4402 Feb 12 j 09:31	0° \mathfrak{X}	
	-4405 Aug 07 j 01:26	0° \mathfrak{I}			-4402 Mar 11 j 08:44	0° \mathfrak{Y}	
asc. node	-4405 Aug 20 j 09:12	15° \mathfrak{I} 57'53		evening max el	-4402 Apr 01 j 17:37	21° \mathfrak{Y} 40'06	45°07'01
	-4405 Aug 31 j 21:32	0° \mathfrak{E}			-4402 Apr 10 j 20:59	0° \mathfrak{X}	
	-4405 Sep 25 j 02:39	0° \mathfrak{Q}		greatest brilliancy	-4402 May 09 j 13:55	18° \mathfrak{X} 50'13	-4.7m
	-4405 Oct 19 j 01:06	0° \mathfrak{M}		retrograde	-4402 May 19 j 22:49	20° \mathfrak{X} 44'51	
	-4405 Nov 11 j 22:35	0° \mathfrak{E}		desc. node	-4402 May 27 j 00:12	19° \mathfrak{X} 47'07	
	-4405 Dec 05 j 22:15	0° \mathfrak{M}		evening set	-4402 Jun 03 j 20:36	16° \mathfrak{X} 34'21	

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

inferior conj	-4402 Jun 10 j 05:44	12°♄51'31	-3°16'29	behind sun begin	-4400 Nov 04 j 05:26	10°♊21'09	
minimum elong	-4402 Jun 09 j 22:49	13°♄02'06	3°14'27	behind sun end	-4400 Nov 05 j 08:46	11°♊47'02	
min. Earth dist.	-4402 Jun 10 j 17:15	12°♄33'54	0.28230 AU	max. Earth dist.	-4400 Nov 09 j 09:04	16°♊49'17	1.71218 AU
morning rise	-4402 Jun 16 j 00:14	9°♄26'10		desc. node	-4400 Nov 10 j 20:16	18°♊39'42	
direct	-4402 Jul 01 j 17:47	4°♄44'39			-4400 Nov 19 j 21:29	0°♋	
greatest brilliancy	-4402 Jul 12 j 21:39	6°♄58'58	-4.8m		-4400 Dec 13 j 22:23	0°♌	
	-4402 Aug 14 j 00:43	0°♍		evening rise	-4400 Dec 16 j 21:50	3°♌42'07	
morning max el	-4402 Aug 20 j 18:48	6°♍34'04	46°35'44		-4399 Jan 07 j 02:53	0°♍	
	-4402 Sep 11 j 17:55	0°♎			-4399 Jan 31 j 11:56	0°♎	
asc. node	-4402 Sep 16 j 20:51	5°♎47'37			-4399 Feb 25 j 03:31	0°♏	
	-4402 Oct 07 j 13:24	0°♏		asc. node	-4399 Mar 03 j 14:05	7°♏46'11	
	-4402 Nov 01 j 07:36	0°♐			-4399 Mar 22 j 04:35	0°♐	
	-4402 Nov 25 j 16:58	0°♑			-4399 Apr 16 j 19:38	0°♑	
	-4402 Dec 20 j 01:02	0°♒			-4399 May 13 j 09:42	0°♒	
desc. node	-4401 Jan 06 j 18:49	21°♒49'36			-4399 Jun 11 j 01:55	0°♓	
	-4401 Jan 13 j 10:30	0°♓		evening max el	-4399 Jun 12 j 23:09	1°♓49'43	46°05'47
	-4401 Feb 06 j 21:23	0°♐		desc. node	-4399 Jun 23 j 11:39	11°♓32'49	
morning set	-4401 Feb 25 j 13:03	22°♐51'43			-4399 Jul 20 j 11:23	0°♑	
	-4401 Mar 03 j 08:51	0°♒		greatest brilliancy	-4399 Jul 23 j 09:01	1°♑03'58	-4.8m
	-4401 Mar 27 j 20:06	0°♓		retrograde	-4399 Aug 01 j 13:26	2°♑37'01	
max. Earth dist.	-4401 Apr 02 j 01:52	6°♓25'42	1.73741 AU		-4399 Aug 13 j 01:39	30°♒♓	
				evening set	-4399 Aug 19 j 12:25	26°♓37'05	
superior conj	-4401 Apr 03 j 05:34	7°♓50'40	-0°56'04	inferior conj	-4399 Aug 22 j 07:55	24°♓56'22	-8°57'14
minimum elong	-4401 Apr 03 j 14:00	8°♓16'33	0°55'52	minimum elong	-4399 Aug 22 j 09:32	24°♓53'56	8°57'01
	-4401 Apr 21 j 06:40	0°♑		min. Earth dist.	-4399 Aug 22 j 16:31	24°♓43'24	0.26978 AU
asc. node	-4401 Apr 29 j 12:45	10°♑08'36		morning rise	-4399 Aug 25 j 06:33	23°♓10'53	
evening rise	-4401 May 09 j 02:04	21°♑53'27		direct	-4399 Sep 11 j 23:17	17°♓13'51	
	-4401 May 15 j 16:14	0°♒		greatest brilliancy	-4399 Sep 22 j 18:03	19°♓25'57	-4.9m
	-4401 Jun 09 j 00:55	0°♒			-4399 Oct 10 j 03:17	0°♑	
	-4401 Jul 03 j 09:32	0°♓		asc. node	-4399 Oct 14 j 07:55	3°♑25'22	
	-4401 Jul 27 j 19:50	0°♑		morning max el	-4399 Nov 01 j 20:08	20°♑55'54	46°51'10
desc. node	-4401 Aug 19 j 09:17	27°♑30'55			-4399 Nov 10 j 11:16	0°♐	
	-4401 Aug 21 j 10:25	0°♐			-4399 Dec 07 j 04:58	0°♑	
	-4401 Sep 15 j 09:16	0°♒			-4398 Jan 01 j 18:51	0°♋	
	-4401 Oct 11 j 00:40	0°♌					
	-4401 Nov 07 j 09:25	0°♌					
evening max el	-4401 Nov 08 j 14:40	1°♌15'08	47°09'33				
asc. node	-4401 Dec 10 j 04:33	28°♌26'37					
	-4401 Dec 12 j 19:57	0°♍					
greatest brilliancy	-4401 Dec 18 j 16:46	2°♍48'56	-4.9m				
retrograde	-4401 Dec 29 j 13:02	5°♍03'54					
	-4400 Jan 14 j 10:48	30°♎♌					
evening set	-4400 Jan 15 j 09:50	29°♌25'44					
min. Earth dist.	-4400 Jan 18 j 22:04	27°♌13'48	0.28538 AU				
inferior conj	-4400 Jan 19 j 17:55	26°♌41'59	7°41'03				
minimum elong	-4400 Jan 19 j 11:14	26°♌52'42	7°40'05				
morning rise	-4400 Jan 23 j 13:00	24°♌18'32					
direct	-4400 Feb 09 j 20:24	18°♌30'00					
greatest brilliancy	-4400 Feb 18 j 18:07	19°♌57'25	-4.8m				
	-4400 Mar 08 j 03:48	0°♍					
morning max el	-4400 Mar 29 j 14:22	18°♍17'58	45°51'18				
desc. node	-4400 Mar 31 j 03:43	19°♍47'17					
	-4400 Apr 10 j 10:37	0°♎					
	-4400 May 08 j 09:33	0°♏					
	-4400 Jun 03 j 15:02	0°♐					
	-4400 Jun 28 j 21:23	0°♑					
asc. node	-4400 Jul 21 j 23:29	28°♑08'23					
	-4400 Jul 23 j 11:43	0°♒					
	-4400 Aug 16 j 14:46	0°♓					
greatest brilliancy	-4400 Aug 29 j 23:49	16°♓48'01	-3.9m				
	-4400 Sep 09 j 11:04	0°♑					
morning set	-4400 Sep 24 j 01:49	18°♑27'33					
	-4400 Oct 03 j 04:59	0°♐					
	-4400 Oct 26 j 23:52	0°♑					
superior conj	-4400 Nov 04 j 15:10	10°♑51'44	0°14'26				
minimum elong	-4400 Nov 04 j 19:06	11°♑04'05	0°14'13				