

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1900 Apr 16 j 07:48	9°Υ28'08	0°12'04	morning max el	-1899 Feb 19 j 08:50	17°Σ28'16	27°43'26
minimum elong	-1900 Apr 16 j 07:16	9°Υ25'10	0°11'58		-1899 Mar 01 j 20:09	0°≈	
behind sun begin	-1900 Apr 16 j 03:58	9°Υ07'07			-1899 Mar 19 j 23:49	0°⋈	
behind sun end	-1900 Apr 16 j 10:33	9°Υ43'13		morning set	-1899 Mar 24 j 09:46	8°⋈44'48	
max. Earth dist.	-1900 Apr 15 j 20:37	8°Υ26'53	1.32449 AU	max. Earth dist.	-1899 Mar 30 j 07:28	21°⋈11'47	1.32670 AU
evening rise	-1900 Apr 23 j 06:13	24°Υ28'33					
	-1900 Apr 25 j 22:24	0°⋈		superior conj	-1899 Mar 31 j 18:19	24°⋈20'45	-0°13'36
	-1900 May 13 j 17:42	0°Π		minimum elong	-1899 Mar 31 j 18:57	24°⋈24'10	0°13'28
evening max el	-1900 May 21 j 10:49	8°Π49'52	25°56'50	behind sun begin	-1899 Mar 31 j 16:15	24°⋈09'27	
desc. node	-1900 May 26 j 03:44	12°Π42'42		behind sun end	-1899 Mar 31 j 21:39	24°⋈38'52	
retrograde	-1900 Jun 04 j 12:39	16°Π04'34		asc. node	-1899 Apr 02 j 01:20	27°⋈09'38	
evening set	-1900 Jun 10 j 13:17	14°Π36'21			-1899 Apr 03 j 08:37	0°Υ	
min. Earth dist.	-1900 Jun 14 j 23:23	11°Π55'05	0.58832 AU	evening rise	-1899 Apr 07 j 17:37	9°Υ24'47	
inferior conj	-1900 Jun 18 j 07:24	9°Π26'45	-4°31'26		-1899 Apr 18 j 10:21	0°⋈	
minimum elong	-1900 Jun 18 j 06:20	9°Π28'44	4°31'22	evening max el	-1899 May 03 j 03:29	19°⋈45'37	24°33'34
morning rise	-1900 Jun 26 j 01:54	5°Π01'19		desc. node	-1899 May 13 j 00:46	26°⋈10'28	
direct	-1900 Jun 28 j 14:11	4°Π40'20		retrograde	-1899 May 17 j 02:24	26°⋈48'30	
morning max el	-1900 Jul 06 j 14:14	8°Π28'14	18°34'29	evening set	-1899 May 21 j 19:49	25°⋈58'08	
asc. node	-1900 Jul 12 j 03:36	15°Π18'48		min. Earth dist.	-1899 May 27 j 15:19	23°⋈00'55	0.56957 AU
	-1900 Jul 20 j 14:05	0°⋈		inferior conj	-1899 May 30 j 10:24	21°⋈12'42	-4°03'01
morning set	-1900 Jul 22 j 20:04	4°⋈19'07		minimum elong	-1899 May 30 j 05:17	21°⋈21'02	4°02'08
				morning rise	-1899 Jun 07 j 17:41	17°⋈06'25	
superior conj	-1900 Jul 31 j 18:04	21°⋈24'00	1°46'37	direct	-1899 Jun 10 j 06:46	16°⋈48'27	
minimum elong	-1900 Jul 31 j 19:26	21°⋈30'25	1°46'38	morning max el	-1899 Jun 19 j 13:47	21°⋈07'38	19°24'59
	-1900 Aug 05 j 10:49	0°Ω			-1899 Jun 26 j 15:26	0°Π	
max. Earth dist.	-1900 Aug 07 j 23:46	4°Ω29'48	1.39784 AU	asc. node	-1899 Jun 29 j 00:38	3°Π53'53	
evening rise	-1900 Aug 12 j 05:15	11°Ω44'55		morning set	-1899 Jul 06 j 19:37	18°Π35'42	
desc. node	-1900 Aug 22 j 03:03	27°Ω40'53			-1899 Jul 12 j 12:17	0°⋈	
	-1900 Aug 23 j 15:27	0°Π					
	-1900 Sep 15 j 03:08	0°Ω		superior conj	-1899 Jul 14 j 23:06	4°⋈50'22	1°47'36
evening max el	-1900 Sep 16 j 06:31	1°Ω10'10	23°49'22	minimum elong	-1899 Jul 14 j 22:26	4°⋈47'05	1°47'37
retrograde	-1900 Sep 27 j 01:21	7°Ω31'42		max. Earth dist.	-1899 Jul 21 j 02:07	16°⋈30'09	1.37817 AU
evening set	-1900 Oct 02 j 05:33	5°Ω21'30		evening rise	-1899 Jul 24 j 21:59	23°⋈25'24	
	-1900 Oct 06 j 20:36	30°⋈			-1899 Jul 28 j 17:02	0°Ω	
min. Earth dist.	-1900 Oct 07 j 01:59	29°Π41'41	0.67461 AU	desc. node	-1899 Aug 09 j 00:04	18°Ω02'02	
inferior conj	-1900 Oct 07 j 13:57	29°Π00'55	-0°11'01		-1899 Aug 17 j 09:24	0°Π	
minimum elong	-1900 Oct 07 j 14:13	29°Π00'02	0°10'55	evening max el	-1899 Aug 29 j 17:51	14°Π43'17	25°06'57
transit middle	-1900 Oct 07 j 14:13	29°Π00'02	0°10'55	retrograde	-1899 Sep 10 j 13:15	21°Π34'01	
transit begin	-1900 Oct 07 j 12:12	29°Π06'55		evening set	-1899 Sep 16 j 08:19	19°Π06'25	
transit end	-1900 Oct 07 j 16:14	28°Π53'09		min. Earth dist.	-1899 Sep 20 j 20:08	14°Π01'47	0.67077 AU
asc. node	-1900 Oct 08 j 02:44	28°Π17'31		inferior conj	-1899 Sep 21 j 18:45	12°Π47'34	-1°05'41
morning rise	-1900 Oct 12 j 22:51	22°Π52'36		minimum elong	-1899 Sep 21 j 20:21	12°Π42'19	1°05'00
direct	-1900 Oct 16 j 22:42	21°Π22'21		asc. node	-1899 Sep 24 j 23:47	8°Π51'39	
morning max el	-1900 Oct 25 j 06:01	26°Π13'55	20°54'12	morning rise	-1899 Sep 27 j 08:26	6°Π46'32	
	-1900 Oct 28 j 14:55	0°Ω		direct	-1899 Sep 30 j 20:43	5°Π35'08	
desc. node	-1900 Nov 18 j 02:26	29°Ω06'39		morning max el	-1899 Oct 08 j 07:24	9°Π51'38	19°46'27
	-1900 Nov 18 j 16:24	0°Π			-1899 Oct 23 j 04:29	0°Ω	
morning set	-1900 Nov 23 j 19:23	7°Π54'54		morning set	-1899 Nov 02 j 17:01	16°Ω07'33	
max. Earth dist.	-1900 Dec 02 j 10:50	21°Π40'08	1.42810 AU	desc. node	-1899 Nov 04 j 23:26	19°Ω38'42	
	-1900 Dec 07 j 12:11	0°⋈			-1899 Nov 11 j 14:15	0°Π	
				max. Earth dist.	-1899 Nov 14 j 22:43	5°Π18'26	1.44169 AU
superior conj	-1900 Dec 09 j 06:51	2°⋈59'09	-1°50'18				
minimum elong	-1900 Dec 09 j 02:19	2°⋈40'01	1°50'05	superior conj	-1899 Nov 19 j 09:46	12°Π27'05	-1°24'42
evening rise	-1900 Dec 21 j 01:48	23°⋈32'06		minimum elong	-1899 Nov 19 j 02:07	11°Π56'15	1°23'59
	-1900 Dec 24 j 16:55	0°Σ			-1899 Nov 30 j 01:23	0°⋈	
asc. node	-1899 Jan 04 j 01:58	16°Σ47'07		evening rise	-1899 Dec 03 j 01:56	5°⋈06'15	
evening max el	-1899 Jan 07 j 01:01	20°Σ14'07	18°07'51		-1899 Dec 18 j 13:30	0°Σ	
retrograde	-1899 Jan 13 j 15:53	23°Σ40'21		evening max el	-1899 Dec 21 j 13:37	3°Σ31'46	18°18'22
evening set	-1899 Jan 16 j 09:26	23°Σ05'00		asc. node	-1899 Dec 21 j 23:00	3°Σ55'02	
inferior conj	-1899 Jan 22 j 21:36	18°Σ00'39	3°56'33	retrograde	-1899 Dec 28 j 02:04	7°Σ03'43	
minimum elong	-1899 Jan 22 j 21:16	18°Σ01'28	3°56'30	evening set	-1899 Dec 30 j 23:51	6°Σ18'46	
min. Earth dist.	-1899 Jan 25 j 20:47	15°Σ04'39	0.61810 AU	inferior conj	-1898 Jan 06 j 02:04	0°Σ54'29	3°45'40
morning rise	-1899 Jan 29 j 07:55	12°Σ09'40		minimum elong	-1898 Jan 06 j 00:02	1°Σ00'08	3°45'23
direct	-1899 Feb 05 j 07:39	9°Σ40'18			-1898 Jan 06 j 21:32	30°⋈	
desc. node	-1899 Feb 14 j 01:38	12°Σ58'02		min. Earth dist.	-1898 Jan 08 j 10:49	28°⋈16'56	0.63645 AU

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morning rise	-1898 Jan 11 j 23:37	24° ♁ 53'53		minimum elong	-1898 Dec 20 j 14:13	14° ♁ 14'58	3°19'29
direct	-1898 Jan 18 j 23:39	22° ♁ 05'51		min. Earth dist.	-1898 Dec 22 j 10:39	11° ♁ 59'44	0.65139 AU
desc. node	-1898 Jan 31 j 22:40	29° ♁ 09'58		morning rise	-1898 Dec 26 j 05:53	7° ♁ 58'53	
morning max el	-1898 Feb 01 j 16:21	29° ♁ 53'07	27°36'31	direct	-1897 Jan 01 j 22:17	5° ♁ 07'20	
	-1898 Feb 01 j 19:07	0° ♁		morning max el	-1897 Jan 15 j 02:00	12° ♁ 45'55	26°56'45
	-1898 Feb 23 j 18:47	0° ♁		desc. node	-1897 Jan 18 j 19:43	16° ♁ 47'03	
morning set	-1898 Mar 08 j 07:46	22° ♁ 55'14			-1897 Jan 29 j 00:08	0° ♁	
	-1898 Mar 11 j 19:25	0° ♁			-1897 Feb 16 j 08:39	0° ♁	
max. Earth dist.	-1898 Mar 13 j 12:19	3° ♁ 33'26	1.33277 AU	morning set	-1897 Feb 19 j 19:48	6° ♁ 31'05	
				max. Earth dist.	-1897 Feb 24 j 07:29	15° ♁ 22'00	1.34317 AU
superior conj	-1898 Mar 16 j 01:54	9° ♁ 00'21	-0°39'35	superior conj	-1897 Feb 28 j 04:29	23° ♁ 20'02	-1°04'45
minimum elong	-1898 Mar 16 j 03:44	9° ♁ 10'09	0°39'14	minimum elong	-1897 Feb 28 j 07:22	23° ♁ 35'02	1°04'17
asc. node	-1898 Mar 19 j 22:22	17° ♁ 17'22			-1897 Mar 03 j 08:36	0° ♁	
evening rise	-1898 Mar 23 j 05:13	24° ♁ 17'23		asc. node	-1897 Mar 06 j 19:25	7° ♁ 16'14	
	-1898 Mar 25 j 23:32	0° ♁		evening rise	-1897 Mar 07 j 15:14	8° ♁ 59'35	
	-1898 Apr 14 j 09:00	0° ♁			-1897 Mar 18 j 20:46	0° ♁	
evening max el	-1898 Apr 14 j 19:10	0° ♁ 24'46	22°59'17	evening max el	-1897 Mar 27 j 16:16	11° ♁ 14'28	21°28'00
retrograde	-1898 Apr 28 j 03:11	7° ♁ 00'19		retrograde	-1897 Apr 08 j 18:10	17° ♁ 05'22	
desc. node	-1898 Apr 29 j 21:48	6° ♁ 53'19		evening set	-1897 Apr 11 j 05:20	16° ♁ 51'31	
evening set	-1898 May 01 j 11:59	6° ♁ 35'32		desc. node	-1897 Apr 16 j 18:50	14° ♁ 53'13	
min. Earth dist.	-1898 May 09 j 04:52	3° ♁ 10'50	0.55606 AU	inferior conj	-1897 Apr 20 j 14:03	12° ♁ 50'32	-1°04'08
inferior conj	-1898 May 10 j 18:15	2° ♁ 16'41	-2°52'01	minimum elong	-1897 Apr 20 j 11:02	12° ♁ 54'46	1°03'05
minimum elong	-1898 May 10 j 11:42	2° ♁ 26'12	2°50'09	min. Earth dist.	-1897 Apr 20 j 18:09	12° ♁ 44'47	0.55071 AU
	-1898 May 14 j 22:34	30° ♁		morning rise	-1897 Apr 29 j 17:13	8° ♁ 49'29	
morning rise	-1898 May 19 j 13:48	28° ♁ 21'03		direct	-1897 May 02 j 16:59	8° ♁ 29'57	
direct	-1898 May 22 j 05:24	28° ♁ 04'19		morning max el	-1897 May 15 j 05:19	14° ♁ 26'33	22°04'34
	-1898 May 28 j 23:02	0° ♁			-1897 May 26 j 23:50	0° ♁	
morning max el	-1898 Jun 02 j 02:58	3° ♁ 08'16	20°35'55	asc. node	-1897 Jun 02 j 18:46	12° ♁ 36'29	
asc. node	-1898 Jun 15 j 21:42	23° ♁ 02'53		morning set	-1897 Jun 05 j 11:01	18° ♁ 04'49	
	-1898 Jun 19 j 11:12	0° ♁			-1897 Jun 11 j 02:36	0° ♁	
morning set	-1898 Jun 21 j 01:21	3° ♁ 13'25					
superior conj	-1898 Jun 28 j 16:12	18° ♁ 54'59	1°40'43	superior conj	-1897 Jun 12 j 17:38	3° ♁ 25'50	1°27'51
minimum elong	-1898 Jun 28 j 14:14	18° ♁ 44'58	1°40'36	minimum elong	-1897 Jun 12 j 15:06	3° ♁ 12'31	1°27'35
max. Earth dist.	-1898 Jul 03 j 09:19	28° ♁ 19'22	1.36042 AU	max. Earth dist.	-1897 Jun 16 j 01:19	10° ♁ 19'23	1.34594 AU
	-1898 Jul 04 j 06:04	0° ♁		evening rise	-1897 Jun 20 j 18:23	19° ♁ 43'04	
evening rise	-1898 Jul 07 j 12:07	6° ♁ 09'48			-1897 Jun 26 j 06:26	0° ♁	
	-1898 Jul 21 j 11:50	0° ♁		desc. node	-1897 Jul 13 j 18:08	27° ♁ 39'32	
desc. node	-1898 Jul 26 j 21:06	8° ♁ 04'35			-1897 Jul 15 j 12:05	0° ♁	
evening max el	-1898 Aug 12 j 05:14	28° ♁ 18'00	26°13'41	evening max el	-1897 Jul 25 j 16:50	11° ♁ 45'52	27°01'50
	-1898 Aug 14 j 01:07	0° ♁		retrograde	-1897 Aug 07 j 22:11	19° ♁ 05'18	
retrograde	-1898 Aug 24 j 20:19	5° ♁ 27'41		evening set	-1897 Aug 14 j 19:32	16° ♁ 18'04	
evening set	-1898 Aug 31 j 05:47	2° ♁ 46'33		min. Earth dist.	-1897 Aug 18 j 16:03	12° ♁ 28'39	0.65282 AU
	-1898 Sep 02 j 23:46	30° ♁		inferior conj	-1897 Aug 20 j 15:18	10° ♁ 13'12	-2°51'05
min. Earth dist.	-1898 Sep 04 j 09:36	28° ♁ 19'20	0.66363 AU	minimum elong	-1897 Aug 20 j 19:12	10° ♁ 02'00	2°49'47
inferior conj	-1898 Sep 05 j 19:54	26° ♁ 33'03	-1°59'43	morning rise	-1897 Aug 26 j 19:24	4° ♁ 36'25	
minimum elong	-1898 Sep 05 j 22:47	26° ♁ 24'06	1°58'35	direct	-1897 Aug 29 j 15:17	3° ♁ 52'53	
morning rise	-1898 Sep 11 j 16:02	20° ♁ 42'32		asc. node	-1897 Aug 29 j 17:56	3° ♁ 52'57	
asc. node	-1898 Sep 11 j 20:50	20° ♁ 35'38		morning max el	-1897 Sep 05 j 04:44	7° ♁ 26'55	18°16'50
direct	-1898 Sep 14 j 18:58	19° ♁ 46'45			-1897 Sep 20 j 13:34	0° ♁	
morning max el	-1898 Sep 21 j 15:39	23° ♁ 37'27	18°53'29	morning set	-1897 Sep 24 j 00:48	5° ♁ 42'55	
	-1898 Sep 26 j 20:52	0° ♁					
morning set	-1898 Oct 13 j 07:07	25° ♁ 14'30		superior conj	-1897 Oct 08 j 15:55	29° ♁ 22'17	0°06'56
	-1898 Oct 16 j 07:22	0° ♁		minimum elong	-1897 Oct 08 j 16:47	29° ♁ 25'46	0°06'48
desc. node	-1898 Oct 22 j 20:28	10° ♁ 18'57		behind sun begin	-1897 Oct 08 j 06:39	28° ♁ 45'31	
max. Earth dist.	-1898 Oct 28 j 15:57	19° ♁ 27'39	1.44867 AU	behind sun end	-1897 Oct 09 j 02:56	0° ♁ 05'58	
					-1897 Oct 09 j 01:26	0° ♁	
superior conj	-1898 Oct 29 j 14:37	20° ♁ 56'52	-0°42'42	desc. node	-1897 Oct 09 j 17:32	1° ♁ 03'44	
minimum elong	-1898 Oct 29 j 09:10	20° ♁ 35'27	0°42'01	max. Earth dist.	-1897 Oct 11 j 10:36	3° ♁ 45'57	1.44824 AU
	-1898 Nov 04 j 08:01	0° ♁		evening rise	-1897 Oct 25 j 04:32	25° ♁ 17'36	
evening rise	-1898 Nov 14 j 03:14	15° ♁ 41'42			-1897 Oct 28 j 04:58	0° ♁	
	-1898 Nov 23 j 00:01	0° ♁		greatest brilliancy	-1897 Nov 05 j 19:39	13° ♁ 18'44	-0.7m
evening max el	-1898 Dec 05 j 01:04	16° ♁ 55'57	18°46'57		-1897 Nov 18 j 00:23	0° ♁	
asc. node	-1898 Dec 08 j 20:03	19° ♁ 56'19		evening max el	-1897 Nov 18 j 09:04	0° ♁ 22'46	19°32'20
retrograde	-1898 Dec 11 j 19:06	20° ♁ 44'03		retrograde	-1897 Nov 25 j 15:42	4° ♁ 36'01	
evening set	-1898 Dec 14 j 22:13	19° ♁ 48'11		asc. node	-1897 Nov 25 j 17:05	4° ♁ 36'00	
inferior conj	-1898 Dec 20 j 17:04	14° ♁ 06'18	3°20'08	evening set	-1897 Nov 29 j 01:53	3° ♁ 27'24	

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	-1897 Dec 02 j 16:16	30° κ \mathbb{M}		evening set	-1896 Nov 12 j 08:34	17° \mathbb{M} 11'23	
inferior conj	-1897 Dec 04 j 15:29	27° \mathbb{M} 30'58	2°44'16	inferior conj	-1896 Nov 17 j 18:43	11° \mathbb{M} 03'47	2°00'55
minimum elong	-1897 Dec 04 j 12:33	27° \mathbb{M} 40'30	2°43'22	minimum elong	-1896 Nov 17 j 16:15	11° \mathbb{M} 12'09	2°00'00
min. Earth dist.	-1897 Dec 05 j 19:09	26° \mathbb{M} 00'58	0.66254 AU	min. Earth dist.	-1896 Nov 18 j 10:06	10° \mathbb{M} 11'39	0.67011 AU
morning rise	-1897 Dec 09 j 22:59	21° \mathbb{M} 19'03		morning rise	-1896 Nov 22 j 23:45	4° \mathbb{M} 49'38	
direct	-1897 Dec 16 j 02:56	18° \mathbb{M} 36'07		direct	-1896 Nov 28 j 12:59	2° \mathbb{M} 23'40	
morning max el	-1897 Dec 28 j 11:27	25° \mathbb{M} 54'21	25°51'33	morning max el	-1896 Dec 09 j 19:57	9° \mathbb{M} 07'45	24°30'18
	-1896 Jan 01 j 06:20	0° \mathbb{X}		desc. node	-1896 Dec 22 j 13:50	24° \mathbb{M} 43'31	
desc. node	-1896 Jan 05 j 16:47	5° \mathbb{X} 24'24			-1896 Dec 26 j 07:30	0° \mathbb{X}	
	-1896 Jan 22 j 13:08	0° \mathbb{Z}			-1895 Jan 14 j 04:34	0° \mathbb{Z}	
morning set	-1896 Feb 02 j 17:34	19° \mathbb{Z} 19'49		morning set	-1895 Jan 14 j 19:16	1° \mathbb{Z} 04'09	
max. Earth dist.	-1896 Feb 06 j 14:54	26° \mathbb{Z} 38'26	1.35804 AU	max. Earth dist.	-1895 Jan 18 j 12:26	7° \mathbb{Z} 41'33	1.37683 AU
	-1896 Feb 08 j 08:31	0° \approx					
				superior conj	-1895 Jan 25 j 07:46	20° \mathbb{Z} 27'18	-1°46'02
superior conj	-1896 Feb 11 j 23:35	7° \approx 12'23	-1°27'36	minimum elong	-1895 Jan 25 j 10:59	20° \mathbb{Z} 42'48	1°45'48
minimum elong	-1896 Feb 12 j 03:04	7° \approx 29'56	1°27'10		-1895 Jan 30 j 04:27	0° \approx	
evening rise	-1896 Feb 19 j 21:41	23° \approx 25'09		evening rise	-1895 Feb 02 j 22:11	7° \approx 26'24	
asc. node	-1896 Feb 21 j 16:28	27° \approx 01'37		asc. node	-1895 Feb 07 j 13:29	16° \approx 27'14	
	-1896 Feb 23 j 04:25	0° \mathbb{H}			-1895 Feb 15 j 18:31	0° \mathbb{H}	
evening max el	-1896 Mar 08 j 23:29	22° \mathbb{H} 36'03	20°09'58	evening max el	-1895 Feb 19 j 17:32	4° \mathbb{H} 34'46	19°10'12
retrograde	-1896 Mar 19 j 09:24	27° \mathbb{H} 34'24		retrograde	-1895 Feb 28 j 12:34	8° \mathbb{H} 47'24	
evening set	-1896 Mar 21 j 13:58	27° \mathbb{H} 22'08		evening set	-1895 Mar 02 j 19:40	8° \mathbb{H} 31'25	
inferior conj	-1896 Mar 30 j 11:33	23° \mathbb{H} 22'57	0°53'11	inferior conj	-1895 Mar 10 j 23:32	4° \mathbb{H} 20'09	2°28'35
minimum elong	-1896 Mar 30 j 13:52	23° \mathbb{H} 19'28	0°52'24	minimum elong	-1895 Mar 11 j 04:12	4° \mathbb{H} 12'10	2°27'19
min. Earth dist.	-1896 Apr 01 j 08:21	22° \mathbb{H} 15'59	0.55486 AU	min. Earth dist.	-1895 Mar 13 j 23:48	2° \mathbb{H} 17'39	0.56755 AU
desc. node	-1896 Apr 02 j 15:53	21° \mathbb{H} 30'28			-1895 Mar 17 j 23:26	30° \mathbb{R} \approx	
morning rise	-1896 Apr 08 j 11:52	18° \mathbb{H} 57'50		morning rise	-1895 Mar 19 j 09:50	29° \approx 23'17	
direct	-1896 Apr 12 j 06:58	18° \mathbb{H} 26'17		desc. node	-1895 Mar 20 j 12:57	29° \approx 00'20	
morning max el	-1896 Apr 25 j 23:23	25° \mathbb{H} 11'29	23°43'37	direct	-1895 Mar 24 j 09:05	28° \approx 25'40	
	-1896 Apr 30 j 10:28	0° \mathbb{Y}			-1895 Mar 30 j 18:23	0° \mathbb{H}	
	-1896 May 18 j 11:21	0° \mathbb{B}			-1895 Apr 07 j 14:12	5° \mathbb{H} 43'55	25°20'46
morning set	-1896 May 19 j 22:43	3° \mathbb{B} 03'49		morning max el	-1895 Apr 25 j 04:03	0° \mathbb{Y}	
asc. node	-1896 May 19 j 15:51	2° \mathbb{B} 27'51		morning set	-1895 May 04 j 10:45	18° \mathbb{Y} 04'15	
				asc. node	-1895 May 06 j 12:54	22° \mathbb{Y} 30'55	
					-1895 May 09 j 23:40	0° \mathbb{B}	
superior conj	-1896 May 27 j 00:35	18° \mathbb{B} 14'01	1°10'28				
minimum elong	-1896 May 26 j 22:05	18° \mathbb{B} 00'35	1°10'06	superior conj	-1895 May 11 j 10:49	3° \mathbb{B} 11'42	0°49'39
max. Earth dist.	-1896 May 29 j 02:41	22° \mathbb{B} 41'47	1.33525 AU	minimum elong	-1895 May 11 j 08:49	3° \mathbb{B} 00'49	0°49'19
	-1896 Jun 01 j 14:33	0° \mathbb{II}		max. Earth dist.	-1895 May 12 j 11:24	5° \mathbb{B} 25'35	1.32828 AU
evening rise	-1896 Jun 03 j 12:19	3° \mathbb{II} 52'14		evening rise	-1895 May 18 j 14:23	18° \mathbb{B} 25'58	
	-1896 Jun 18 j 00:22	0° \mathbb{E}			-1895 May 24 j 11:16	0° \mathbb{II}	
desc. node	-1896 Jun 29 j 15:08	16° \mathbb{E} 35'15			-1895 Jun 12 j 13:52	0° \mathbb{E}	
evening max el	-1896 Jul 07 j 03:34	24° \mathbb{E} 56'16	27°24'20	desc. node	-1895 Jun 16 j 12:09	4° \mathbb{E} 35'23	
	-1896 Jul 13 j 13:32	0° \mathbb{O}		evening max el	-1895 Jun 19 j 11:23	7° \mathbb{E} 37'21	27°15'57
retrograde	-1896 Jul 20 j 18:32	2° \mathbb{O} 18'16		retrograde	-1895 Jul 03 j 08:27	14° \mathbb{E} 57'32	
	-1896 Jul 27 j 09:27	30° \mathbb{R} \mathbb{E}		evening set	-1895 Jul 10 j 10:53	12° \mathbb{E} 34'57	
evening set	-1896 Jul 27 j 22:31	29° \mathbb{E} 36'22		min. Earth dist.	-1895 Jul 14 j 01:12	9° \mathbb{E} 45'05	0.62030 AU
min. Earth dist.	-1896 Jul 31 j 13:34	26° \mathbb{E} 21'16	0.63826 AU	inferior conj	-1895 Jul 17 j 02:19	6° \mathbb{E} 56'15	-4°12'46
inferior conj	-1896 Aug 03 j 02:26	23° \mathbb{E} 43'06	-3°36'53	minimum elong	-1895 Jul 17 j 05:52	6° \mathbb{E} 48'03	4°12'11
minimum elong	-1896 Aug 03 j 06:44	23° \mathbb{E} 31'54	3°35'47	morning rise	-1895 Jul 24 j 02:14	1° \mathbb{E} 55'54	
morning rise	-1896 Aug 09 j 15:52	18° \mathbb{E} 23'08		direct	-1895 Jul 26 j 14:57	1° \mathbb{E} 27'57	
direct	-1896 Aug 12 j 07:02	17° \mathbb{E} 48'42		morning max el	-1895 Aug 02 j 10:39	4° \mathbb{E} 54'13	17°56'25
asc. node	-1896 Aug 15 j 15:02	18° \mathbb{E} 44'16		asc. node	-1895 Aug 02 j 12:08	4° \mathbb{E} 57'51	
morning max el	-1896 Aug 18 j 20:00	21° \mathbb{E} 14'34	17°57'27		-1895 Aug 18 j 11:10	0° \mathbb{O}	
	-1896 Aug 25 j 11:45	0° \mathbb{O}		morning set	-1895 Aug 18 j 13:31	0° \mathbb{O} 10'40	
morning set	-1896 Sep 04 j 20:45	17° \mathbb{O} 26'39					
	-1896 Sep 12 j 05:09	0° \mathbb{P}		superior conj	-1895 Aug 29 j 09:26	19° \mathbb{O} 24'32	1°23'20
superior conj	-1896 Sep 17 j 10:59	8° \mathbb{P} 42'38	0°51'26	minimum elong	-1895 Aug 29 j 14:22	19° \mathbb{O} 45'47	1°22'53
minimum elong	-1896 Sep 17 j 16:00	9° \mathbb{P} 03'08	0°50'49		-1895 Sep 04 j 16:16	0° \mathbb{P}	
max. Earth dist.	-1896 Sep 23 j 03:13	17° \mathbb{P} 53'48	1.44071 AU	max. Earth dist.	-1895 Sep 05 j 15:42	1° \mathbb{P} 36'19	1.42714 AU
desc. node	-1896 Sep 25 j 14:32	21° \mathbb{P} 49'35		desc. node	-1895 Sep 12 j 11:33	12° \mathbb{P} 33'52	
	-1896 Sep 30 j 19:38	0° \mathbb{U}		evening rise	-1895 Sep 12 j 20:26	13° \mathbb{P} 08'48	
evening rise	-1896 Oct 03 j 12:33	4° \mathbb{U} 11'23			-1895 Sep 23 j 21:29	0° \mathbb{U}	
	-1896 Oct 20 j 17:14	0° \mathbb{M}		evening max el	-1895 Oct 14 j 08:47	27° \mathbb{U} 16'49	21°44'11
evening max el	-1896 Oct 31 j 11:52	13° \mathbb{M} 49'33	20°32'28		-1895 Oct 17 j 08:18	0° \mathbb{M}	
retrograde	-1896 Nov 08 j 13:13	18° \mathbb{M} 34'56		retrograde	-1895 Oct 23 j 09:39	2° \mathbb{M} 39'00	
asc. node	-1896 Nov 11 j 14:10	17° \mathbb{M} 41'51		evening set	-1895 Oct 27 j 16:23	0° \mathbb{M} 58'14	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1895 Oct 28 j 18:32	30° \mathbb{R} \mathbb{A}		inferior conj	-1894 Oct 17 j 07:34	8° \mathbb{A} 26'06	0°20'02
asc. node	-1895 Oct 29 j 11:14	29° \mathbb{A} 16'35		minimum elong	-1894 Oct 17 j 07:05	8° \mathbb{A} 27'43	0°19'49
inferior conj	-1895 Nov 02 j 00:42	24° \mathbb{A} 42'56	1°12'16	min. Earth dist.	-1894 Oct 17 j 01:30	8° \mathbb{A} 46'59	0.67550 AU
minimum elong	-1895 Nov 01 j 23:06	24° \mathbb{A} 48'28	1°11'35	morning rise	-1894 Oct 22 j 14:29	2° \mathbb{A} 15'09	
min. Earth dist.	-1895 Nov 02 j 05:02	24° \mathbb{A} 27'58	0.67438 AU	direct	-1894 Oct 26 j 22:02	0° \mathbb{A} 32'45	
morning rise	-1895 Nov 07 j 05:39	18° \mathbb{A} 29'05		morning max el	-1894 Nov 04 j 19:32	5° \mathbb{A} 47'19	21°38'44
direct	-1895 Nov 12 j 03:41	16° \mathbb{A} 24'22			-1894 Nov 23 j 03:51	0° \mathbb{M}	
morning max el	-1895 Nov 22 j 05:28	22° \mathbb{A} 24'21	23°03'05	desc. node	-1894 Nov 26 j 07:55	4° \mathbb{M} 43'08	
	-1895 Nov 28 j 19:41	0° \mathbb{M}		morning set	-1894 Dec 06 j 13:05	20° \mathbb{M} 29'33	
desc. node	-1895 Dec 09 j 10:53	14° \mathbb{M} 32'43			-1894 Dec 12 j 10:18	0° \mathbb{J}	
	-1895 Dec 19 j 16:14	0° \mathbb{J}		max. Earth dist.	-1894 Dec 13 j 08:10	1° \mathbb{J} 30'12	1.41798 AU
morning set	-1895 Dec 26 j 18:39	11° \mathbb{J} 28'23					
max. Earth dist.	-1895 Dec 31 j 07:38	19° \mathbb{J} 09'27	1.39778 AU	superior conj	-1894 Dec 20 j 21:11	14° \mathbb{J} 18'21	-1°57'03
	-1894 Jan 06 j 10:41	0° \mathbb{Z}		minimum elong	-1894 Dec 20 j 19:11	14° \mathbb{J} 09'38	1°57'03
					-1894 Dec 29 j 15:46	0° \mathbb{Z}	
superior conj	-1894 Jan 08 j 00:46	2° \mathbb{Z} 53'50	-1°57'07	evening rise	-1894 Dec 31 j 17:43	3° \mathbb{Z} 48'37	
minimum elong	-1894 Jan 08 j 02:16	3° \mathbb{Z} 00'44	1°57'07	asc. node	-1893 Jan 12 j 07:31	23° \mathbb{Z} 51'22	
evening rise	-1894 Jan 17 j 14:00	20° \mathbb{Z} 56'46		evening max el	-1893 Jan 17 j 05:25	0° \approx 00'57	18°10'25
	-1894 Jan 22 j 09:09	0° \approx			-1893 Jan 17 j 05:02	0° \approx	
asc. node	-1894 Jan 25 j 10:30	5° \approx 26'36		retrograde	-1893 Jan 24 j 01:39	3° \approx 29'21	
evening max el	-1894 Feb 02 j 20:29	17° \approx 05'54	18°30'18	evening set	-1893 Jan 26 j 17:06	2° \approx 58'52	
retrograde	-1894 Feb 10 j 10:16	20° \approx 48'22			-1893 Jan 31 j 09:11	30° \mathbb{R} \mathbb{Z}	
evening set	-1894 Feb 12 j 21:51	20° \approx 25'47		inferior conj	-1893 Feb 02 j 12:15	28° \mathbb{Z} 06'16	3°53'48
inferior conj	-1894 Feb 20 j 07:55	15° \approx 54'48	3°27'59	minimum elong	-1893 Feb 02 j 13:17	28° \mathbb{Z} 03'54	3°53'43
minimum elong	-1894 Feb 20 j 11:27	15° \approx 47'47	3°27'22	min. Earth dist.	-1893 Feb 05 j 17:44	25° \mathbb{Z} 08'50	0.60644 AU
min. Earth dist.	-1894 Feb 23 j 17:53	13° \approx 13'08	0.58595 AU	morning rise	-1893 Feb 09 j 07:53	22° \mathbb{Z} 23'05	
morning rise	-1894 Feb 27 j 22:37	10° \approx 30'47		direct	-1893 Feb 16 j 02:42	20° \mathbb{Z} 11'30	
direct	-1894 Mar 06 j 00:23	8° \approx 56'17		desc. node	-1893 Feb 22 j 07:03	21° \mathbb{Z} 50'24	
desc. node	-1894 Mar 07 j 10:00	9° \approx 01'16		morning max el	-1893 Mar 02 j 07:08	27° \mathbb{Z} 56'06	27°31'06
morning max el	-1894 Mar 20 j 07:35	16° \approx 31'47	26°40'51		-1893 Mar 04 j 07:21	0° \approx	
	-1894 Mar 31 j 08:33	0° \mathbb{H}			-1893 Mar 25 j 00:11	0° \mathbb{H}	
	-1894 Apr 17 j 10:41	0° \mathbb{Y}		morning set	-1893 Apr 03 j 05:01	17° \mathbb{H} 44'56	
morning set	-1894 Apr 18 j 21:26	3° \mathbb{Y} 00'02			-1893 Apr 08 j 23:08	0° \mathbb{Y}	
asc. node	-1894 Apr 23 j 09:54	12° \mathbb{Y} 40'45		max. Earth dist.	-1893 Apr 09 j 12:57	1° \mathbb{Y} 15'18	1.32500 AU
superior conj	-1894 Apr 25 j 22:27	18° \mathbb{Y} 12'08	0°26'20	superior conj	-1893 Apr 10 j 09:52	3° \mathbb{Y} 09'31	0°01'19
minimum elong	-1894 Apr 25 j 21:18	18° \mathbb{Y} 05'51	0°26'07	minimum elong	-1893 Apr 10 j 09:49	3° \mathbb{Y} 09'12	0°01'18
max. Earth dist.	-1894 Apr 26 j 00:04	18° \mathbb{Y} 21'00	1.32490 AU	behind sun begin	-1893 Apr 10 j 04:47	2° \mathbb{Y} 41'44	
	-1894 May 01 j 08:52	0° \mathbb{B}		behind sun end	-1893 Apr 10 j 14:50	3° \mathbb{Y} 36'41	
evening rise	-1894 May 02 j 21:46	3° \mathbb{B} 14'41		asc. node	-1893 Apr 10 j 06:54	2° \mathbb{Y} 53'16	
	-1894 May 17 j 08:34	0° \mathbb{I}		evening rise	-1893 Apr 17 j 08:18	18° \mathbb{Y} 10'38	
evening max el	-1894 Jun 01 j 13:42	19° \mathbb{I} 37'25	26°34'30		-1893 Apr 23 j 04:54	0° \mathbb{B}	
desc. node	-1894 Jun 03 j 09:11	21° \mathbb{I} 15'58			-1893 May 13 j 11:27	0° \mathbb{I}	
retrograde	-1894 Jun 15 j 14:18	26° \mathbb{I} 53'59		evening max el	-1893 May 14 j 09:19	0° \mathbb{I} 53'44	25°23'41
evening set	-1894 Jun 22 j 04:08	25° \mathbb{I} 03'44		desc. node	-1893 May 21 j 06:12	6° \mathbb{I} 05'21	
min. Earth dist.	-1894 Jun 26 j 03:02	22° \mathbb{I} 24'25	0.60015 AU	retrograde	-1893 May 28 j 10:26	8° \mathbb{I} 04'15	
inferior conj	-1894 Jun 29 j 11:19	19° \mathbb{I} 42'46	-4°31'52	evening set	-1893 Jun 02 j 23:06	6° \mathbb{I} 52'42	
minimum elong	-1894 Jun 29 j 12:26	19° \mathbb{I} 40'31	4°31'48	min. Earth dist.	-1893 Jun 07 j 21:16	4° \mathbb{I} 06'37	0.58001 AU
morning rise	-1894 Jul 06 j 22:44	15° \mathbb{I} 04'15		inferior conj	-1893 Jun 11 j 01:57	1° \mathbb{I} 53'05	-4°24'12
direct	-1894 Jul 09 j 10:59	14° \mathbb{I} 40'56		minimum elong	-1893 Jun 10 j 23:06	1° \mathbb{I} 58'06	4°23'54
morning max el	-1894 Jul 16 j 21:42	18° \mathbb{I} 17'22	18°14'45		-1893 Jun 13 j 21:18	30° \mathbb{R} \mathbb{B}	
asc. node	-1894 Jul 20 j 09:11	22° \mathbb{I} 17'18		morning rise	-1893 Jun 19 j 01:50	27° \mathbb{B} 36'29	
	-1894 Jul 25 j 09:56	0° \mathbb{E}		direct	-1893 Jun 21 j 14:36	27° \mathbb{B} 16'46	
morning set	-1894 Aug 01 j 21:29	13° \mathbb{E} 39'17			-1893 Jun 28 j 15:01	0° \mathbb{I}	
	-1894 Aug 10 j 15:19	0° \mathbb{O}		morning max el	-1893 Jun 30 j 02:16	1° \mathbb{I} 15'43	18°53'23
				asc. node	-1893 Jul 07 j 06:13	10° \mathbb{I} 28'25	
superior conj	-1894 Aug 11 j 09:28	1° \mathbb{O} 22'37	1°41'35	morning set	-1893 Jul 16 j 16:20	27° \mathbb{I} 41'05	
minimum elong	-1894 Aug 11 j 12:15	1° \mathbb{O} 35'12	1°41'28		-1893 Jul 17 j 20:37	0° \mathbb{E}	
max. Earth dist.	-1894 Aug 18 j 22:55	14° \mathbb{O} 40'21	1.40925 AU				
evening rise	-1894 Aug 23 j 21:42	22° \mathbb{O} 55'44		superior conj	-1893 Jul 25 j 05:36	14° \mathbb{E} 21'47	1°48'09
	-1894 Aug 28 j 07:22	0° \mathbb{P}		minimum elong	-1893 Jul 25 j 06:01	14° \mathbb{E} 23'48	1°48'10
desc. node	-1894 Aug 30 j 08:33	3° \mathbb{P} 12'38		max. Earth dist.	-1893 Aug 01 j 01:55	27° \mathbb{E} 01'19	1.38944 AU
	-1894 Sep 17 j 22:00	0° \mathbb{A}			-1893 Aug 02 j 18:14	0° \mathbb{O}	
evening max el	-1894 Sep 27 j 00:21	10° \mathbb{A} 45'00	23°03'00	evening rise	-1893 Aug 05 j 00:11	3° \mathbb{O} 54'29	
retrograde	-1894 Oct 07 j 03:32	16° \mathbb{A} 45'09		desc. node	-1893 Aug 17 j 05:33	23° \mathbb{O} 41'39	
evening set	-1894 Oct 11 j 23:35	14° \mathbb{A} 45'40			-1893 Aug 21 j 10:58	0° \mathbb{P}	
asc. node	-1894 Oct 16 j 08:18	9° \mathbb{A} 45'50		evening max el	-1893 Sep 09 j 12:25	24° \mathbb{P} 15'40	24°23'01

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

































































































































	-1893 Sep 17 j 03:19	0°♌		retrograde	-1892 Sep 03 j 03:59	14°♍50'09	
retrograde	-1893 Sep 20 j 17:53	0°♌50'26		evening set	-1892 Sep 09 j 05:21	12°♍15'53	
	-1893 Sep 24 j 01:46	30°♍		min. Earth dist.	-1892 Sep 13 j 13:36	7°♍27'01	0.66814 AU
evening set	-1893 Sep 26 j 04:31	28°♍32'15		inferior conj	-1892 Sep 14 j 17:07	5°♍58'38	-1°28'48
min. Earth dist.	-1893 Sep 30 j 21:07	23°♍07'22	0.67346 AU	minimum elong	-1892 Sep 14 j 19:17	5°♍51'41	1°27'54
inferior conj	-1893 Oct 01 j 13:36	22°♍12'00	-0°34'12	asc. node	-1892 Sep 19 j 02:26	1°♍00'19	
minimum elong	-1893 Oct 01 j 14:26	22°♍09'13	0°33'50	morning rise	-1892 Sep 20 j 09:23	0°♍01'47	
asc. node	-1893 Oct 03 j 05:21	20°♍01'09			-1892 Sep 20 j 10:30	30°♍	
morning rise	-1893 Oct 07 j 00:22	16°♍06'40		direct	-1892 Sep 23 j 17:17	28°♌57'41	
direct	-1893 Oct 10 j 19:01	14°♍44'56			-1892 Sep 27 j 03:49	0°♍	
morning max el	-1893 Oct 18 j 16:45	19°♍20'10	20°23'42	morning max el	-1892 Sep 30 j 21:22	3°♍02'21	19°22'00
	-1893 Oct 27 j 06:51	0°♌			-1892 Oct 19 j 23:29	0°♌	
desc. node	-1893 Nov 13 j 04:57	25°♌08'40		morning set	-1892 Oct 24 j 14:13	7°♌10'36	
morning set	-1893 Nov 15 j 11:57	28°♌41'02		desc. node	-1892 Oct 30 j 01:59	15°♌44'49	
	-1893 Nov 16 j 08:19	0°♍		max. Earth dist.	-1892 Nov 07 j 06:34	28°♌37'02	1.44548 AU
max. Earth dist.	-1893 Nov 25 j 16:20	14°♍44'17	1.43461 AU		-1892 Nov 08 j 03:32	0°♍	
superior conj	-1893 Dec 01 j 15:46	24°♍28'51	-1°41'38	superior conj	-1892 Nov 10 j 07:57	3°♍28'07	-1°08'34
minimum elong	-1893 Dec 01 j 09:31	24°♍02'59	1°41'12	minimum elong	-1892 Nov 10 j 00:28	2°♍58'18	1°07'44
	-1893 Dec 04 j 23:11	0°♌		evening rise	-1892 Nov 24 j 20:11	27°♍03'55	
evening rise	-1893 Dec 14 j 05:15	15°♌53'39			-1892 Nov 26 j 14:35	0°♌	
	-1893 Dec 22 j 09:16	0°♌		evening max el	-1892 Dec 14 j 05:49	26°♌32'37	18°28'23
asc. node	-1893 Dec 30 j 04:33	11°♌30'46		asc. node	-1892 Dec 16 j 01:37	28°♌12'18	
evening max el	-1893 Dec 31 j 17:25	13°♌11'41	18°10'02		-1892 Dec 19 j 10:36	0°♌	
retrograde	-1892 Jan 07 j 06:20	16°♌39'22		retrograde	-1892 Dec 20 j 19:54	0°♌10'33	
evening set	-1892 Jan 10 j 01:30	16°♌00'07			-1892 Dec 22 j 05:00	30°♌	
inferior conj	-1892 Jan 16 j 09:04	10°♌46'51	3°54'06	evening set	-1892 Dec 23 j 19:40	29°♌21'20	
minimum elong	-1892 Jan 16 j 07:54	10°♌49'53	3°54'00	inferior conj	-1892 Dec 29 j 18:28	23°♌49'23	3°36'21
min. Earth dist.	-1892 Jan 19 j 02:18	7°♌56'41	0.62616 AU	minimum elong	-1892 Dec 29 j 16:00	23°♌56'34	3°35'54
morning rise	-1892 Jan 22 j 13:22	4°♌51'04		min. Earth dist.	-1892 Dec 31 j 20:49	21°♌23'34	0.64322 AU
direct	-1892 Jan 29 j 14:10	2°♌12'06		morning rise	-1891 Jan 04 j 11:49	17°♌45'20	
desc. node	-1892 Feb 09 j 04:07	6°♌58'39		direct	-1891 Jan 11 j 09:21	14°♌53'47	
morning max el	-1892 Feb 12 j 12:36	10°♌01'01	27°45'04	morning max el	-1891 Jan 24 j 21:27	22°♌39'34	27°23'13
	-1892 Feb 28 j 03:46	0°♌		desc. node	-1891 Jan 26 j 01:12	23°♌50'22	
	-1892 Mar 16 j 05:18	0°♌			-1891 Jan 31 j 10:09	0°♌	
morning set	-1892 Mar 17 j 07:16	2°♌10'15			-1891 Feb 20 j 08:56	0°♌	
max. Earth dist.	-1892 Mar 22 j 21:52	13°♌52'12	1.32873 AU	morning set	-1891 Mar 01 j 01:28	16°♌07'07	
				max. Earth dist.	-1891 Mar 05 j 22:47	25°♌59'08	1.33659 AU
					-1891 Mar 07 j 20:56	0°♌	
superior conj	-1892 Mar 24 j 19:20	17°♌56'55	-0°24'38				
minimum elong	-1892 Mar 24 j 20:29	18°♌03'06	0°24'24	superior conj	-1891 Mar 09 j 01:03	2°♌28'26	-0°50'27
asc. node	-1892 Mar 27 j 03:55	23°♌03'38		minimum elong	-1891 Mar 09 j 03:21	2°♌40'39	0°50'01
	-1892 Mar 30 j 09:03	0°♍		asc. node	-1891 Mar 14 j 00:57	13°♌07'43	
evening rise	-1892 Mar 31 j 19:59	3°♍05'42		evening rise	-1891 Mar 16 j 07:06	17°♌53'53	
	-1892 Apr 15 j 13:09	0°♌			-1891 Mar 22 j 08:04	0°♍	
evening max el	-1892 Apr 25 j 00:33	11°♌38'01	23°53'57	evening max el	-1891 Apr 06 j 17:42	22°♍17'40	22°19'25
desc. node	-1892 May 07 j 03:13	18°♌26'04		retrograde	-1891 Apr 19 j 15:09	28°♍36'24	
retrograde	-1892 May 08 j 18:59	18°♌32'20		evening set	-1891 Apr 22 j 12:32	28°♍17'59	
evening set	-1892 May 12 j 22:03	17°♌54'32		desc. node	-1891 Apr 24 j 00:16	27°♍54'57	
min. Earth dist.	-1892 May 19 j 11:42	14°♌47'00	0.56299 AU	min. Earth dist.	-1891 May 01 j 01:17	24°♍37'19	0.55261 AU
inferior conj	-1892 May 21 j 20:22	13°♌20'13	-3°38'16	inferior conj	-1891 May 01 j 21:43	24°♍08'22	-2°09'36
minimum elong	-1892 May 21 j 14:06	13°♌29'52	3°36'53	minimum elong	-1891 May 01 j 16:07	24°♍16'18	2°07'49
morning rise	-1892 May 30 j 09:09	9°♌20'20		morning rise	-1891 May 10 j 21:23	20°♍12'26	
direct	-1892 Jun 01 j 22:50	9°♌03'19		direct	-1891 May 13 j 15:08	19°♍55'21	
morning max el	-1892 Jun 11 j 21:42	13°♌39'38	19°52'46	morning max el	-1891 May 25 j 06:15	25°♍22'00	21°11'45
asc. node	-1892 Jun 23 j 03:16	29°♌18'45			-1891 May 29 j 12:20	0°♌	
	-1892 Jun 23 j 12:25	0°♍		asc. node	-1891 Jun 10 j 00:19	18°♌38'42	
morning set	-1892 Jun 29 j 18:48	12°♍07'14		morning set	-1891 Jun 14 j 02:25	26°♌50'54	
					-1891 Jun 15 j 14:55	0°♍	
superior conj	-1892 Jul 07 j 16:19	28°♍06'05	1°45'31	superior conj	-1891 Jun 21 j 13:19	12°♍22'43	1°35'53
minimum elong	-1892 Jul 07 j 15:00	27°♍59'32	1°45'30	minimum elong	-1891 Jun 21 j 11:02	12°♍10'53	1°35'43
	-1892 Jul 08 j 15:16	0°♌		max. Earth dist.	-1891 Jun 25 j 15:34	20°♍41'46	1.35380 AU
max. Earth dist.	-1892 Jul 13 j 05:19	8°♌52'15	1.37027 AU	evening rise	-1891 Jun 30 j 00:12	29°♍10'16	
evening rise	-1892 Jul 17 j 02:37	16°♌03'30			-1891 Jun 30 j 10:44	0°♌	
	-1892 Jul 25 j 04:31	0°♌			-1891 Jul 18 j 08:34	0°♌	
desc. node	-1892 Aug 03 j 02:34	13°♌55'38		desc. node	-1891 Jul 20 j 23:35	3°♌47'23	
	-1892 Aug 14 j 22:29	0°♍					
evening max el	-1892 Aug 21 j 23:24	7°♍49'19	25°37'01				

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening max el	-1891 Aug 04 j 10:56	21°Ω22'12	26°36'57	evening rise	-1890 Jun 13 j 11:58	13°Π00'50	
retrograde	-1891 Aug 17 j 09:06	28°Ω37'39			-1890 Jun 22 j 16:44	0°Ϣ	
evening set	-1891 Aug 23 j 23:54	25°Ω52'56		desc. node	-1890 Jul 07 j 20:35	23°Ϣ07'37	
min. Earth dist.	-1891 Aug 28 j 00:30	21°Ω41'40	0.65943 AU		-1890 Jul 13 j 10:16	0°Ω	
inferior conj	-1891 Aug 29 j 16:07	19°Ω42'27	-2°22'00	evening max el	-1890 Jul 17 j 22:40	4°Ω45'34	27°15'01
minimum elong	-1891 Aug 29 j 19:30	19°Ω32'18	2°20'45	retrograde	-1890 Jul 31 j 08:37	12°Ω06'08	
morning rise	-1891 Sep 04 j 15:28	13°Ω57'10		evening set	-1890 Aug 07 j 09:30	9°Ω19'59	
asc. node	-1891 Sep 05 j 23:32	13°Ω22'23		min. Earth dist.	-1890 Aug 11 j 03:30	5°Ω45'35	0.64710 AU
direct	-1891 Sep 07 j 15:01	13°Ω07'05		inferior conj	-1890 Aug 13 j 08:23	3°Ω19'44	-3°11'23
morning max el	-1891 Sep 14 j 07:56	16°Ω50'01	18°35'45	minimum elong	-1890 Aug 13 j 12:34	3°Ω08'12	3°10'08
	-1891 Sep 24 j 01:52	0°൬			-1890 Aug 16 j 14:01	30°᳚᳚	
morning set	-1891 Oct 04 j 15:34	16°൬50'57		morning rise	-1890 Aug 19 j 16:17	27°᳚49'24	
	-1891 Oct 12 j 21:09	0°᳚		direct	-1890 Aug 22 j 09:55	27°᳚09'59	
desc. node	-1891 Oct 16 j 23:00	6°᳚27'09		asc. node	-1890 Aug 23 j 20:36	27°᳚21'02	
					-1890 Aug 28 j 05:50	0°Ω	
superior conj	-1891 Oct 20 j 08:29	11°᳚48'13	-0°21'49	morning max el	-1890 Aug 28 j 22:14	0°Ω39'29	18°06'20
minimum elong	-1891 Oct 20 j 05:36	11°᳚36'50	0°21'26	morning set	-1890 Sep 15 j 21:06	27°Ω53'57	
max. Earth dist.	-1891 Oct 21 j 00:22	12°᳚50'43	1.44939 AU		-1890 Sep 17 j 03:10	0°൬	
	-1891 Oct 31 j 21:45	0°᳚					
evening rise	-1891 Nov 05 j 11:00	7°᳚12'43		superior conj	-1890 Sep 29 j 15:14	20°൬31'10	0°27'02
greatest brilliancy	-1891 Nov 13 j 23:25	20°᳚43'37	-0.8m	minimum elong	-1890 Sep 29 j 18:24	20°൬43'52	0°26'37
	-1891 Nov 20 j 00:10	0°᳚		desc. node	-1890 Oct 03 j 20:02	27°൬12'47	
evening max el	-1891 Nov 27 j 16:06	9°᳚58'23	19°04'21	max. Earth dist.	-1890 Oct 03 j 18:49	27°൬08'01	1.44598 AU
asc. node	-1891 Dec 02 j 22:42	13°᳚40'29			-1890 Oct 05 j 14:21	0°᳚	
retrograde	-1891 Dec 04 j 14:41	13°᳚55'58		evening rise	-1890 Oct 16 j 03:31	16°᳚27'17	
evening set	-1891 Dec 07 j 20:34	12°᳚55'00			-1890 Oct 24 j 23:00	0°᳚	
inferior conj	-1891 Dec 13 j 12:58	7°᳚06'51	3°05'58	greatest brilliancy	-1890 Oct 29 j 13:19	6°᳚56'11	-0.7m
minimum elong	-1891 Dec 13 j 10:00	7°᳚16'08	3°05'11	evening max el	-1890 Nov 10 j 22:09	23°᳚25'44	19°56'15
min. Earth dist.	-1891 Dec 15 j 00:33	5°᳚15'13	0.65667 AU	retrograde	-1890 Nov 18 j 11:51	27°᳚51'20	
morning rise	-1891 Dec 18 j 23:09	0°᳚57'19		asc. node	-1890 Nov 19 j 19:46	27°᳚41'09	
	-1891 Dec 20 j 03:43	30°᳚᳚		evening set	-1890 Nov 22 j 01:46	26°᳚36'30	
direct	-1891 Dec 25 j 10:50	28°᳚07'48		inferior conj	-1890 Nov 27 j 13:42	20°᳚35'00	2°26'36
	-1891 Dec 31 j 08:25	0°᳚		minimum elong	-1890 Nov 27 j 10:55	20°᳚44'15	2°25'39
morning max el	-1890 Jan 07 j 06:59	5°᳚39'22	26°31'25	min. Earth dist.	-1890 Nov 28 j 11:56	19°᳚21'17	0.66631 AU
desc. node	-1890 Jan 12 j 22:16	11°᳚55'19		morning rise	-1890 Dec 02 j 19:52	14°᳚22'07	
	-1890 Jan 26 j 01:32	0°᳚		direct	-1890 Dec 08 j 17:49	11°᳚45'40	
morning set	-1890 Feb 12 j 07:59	29°᳚24'08		morning max el	-1890 Dec 20 j 15:48	18°᳚50'01	25°18'13
	-1890 Feb 12 j 15:34	0°᳚			-1890 Dec 30 j 03:34	0°᳚	
max. Earth dist.	-1890 Feb 16 j 12:38	7°᳚30'46	1.34894 AU	desc. node	-1890 Dec 30 j 19:20	0°᳚52'00	
					-1889 Jan 19 j 03:16	0°᳚	
superior conj	-1890 Feb 21 j 00:47	16°᳚37'15	-1°14'52	morning set	-1889 Jan 25 j 21:54	11°᳚46'57	
minimum elong	-1890 Feb 21 j 04:00	16°᳚53'46	1°14'23	max. Earth dist.	-1889 Jan 29 j 15:19	18°᳚37'58	1.36569 AU
	-1890 Feb 27 j 11:01	0°᳚					
evening rise	-1890 Feb 28 j 15:49	2°᳚29'13		superior conj	-1889 Feb 04 j 15:42	0°᳚14'52	-1°36'08
asc. node	-1890 Feb 28 j 22:01	3°᳚01'12		minimum elong	-1889 Feb 04 j 19:12	0°᳚32'14	1°35'46
	-1890 Mar 16 j 17:01	0°᳚			-1889 Feb 04 j 12:42	0°᳚	
evening max el	-1890 Mar 19 j 18:55	3°᳚19'32	20°52'51	evening rise	-1889 Feb 12 j 20:02	16°᳚45'15	
retrograde	-1890 Mar 31 j 04:13	8°᳚47'27		asc. node	-1889 Feb 15 j 19:04	22°᳚38'53	
evening set	-1890 Apr 02 j 11:00	8°᳚35'08			-1889 Feb 19 j 16:45	0°᳚	
desc. node	-1890 Apr 10 j 21:19	5°᳚04'34		evening max el	-1889 Mar 02 j 06:49	14°᳚56'37	19°42'06
inferior conj	-1890 Apr 11 j 16:22	4°᳚37'30	-0°13'28	retrograde	-1889 Mar 11 j 23:06	19°᳚33'50	
minimum elong	-1890 Apr 11 j 15:44	4°᳚38'24	0°13'13	evening set	-1889 Mar 14 j 04:22	19°᳚20'20	
transit middle	-1890 Apr 11 j 15:44	4°᳚38'24	0°13'13	inferior conj	-1889 Mar 22 j 18:41	15°᳚17'06	1°37'46
transit begin	-1890 Apr 11 j 13:29	4°᳚41'36		minimum elong	-1889 Mar 22 j 22:31	15°᳚11'05	1°36'32
transit end	-1890 Apr 11 j 18:00	4°᳚35'11		min. Earth dist.	-1889 Mar 25 j 05:12	13°᳚45'29	0.55935 AU
min. Earth dist.	-1890 Apr 12 j 14:58	4°᳚05'18	0.55129 AU	desc. node	-1889 Mar 28 j 18:24	11°᳚47'01	
morning rise	-1890 Apr 20 j 19:47	0°᳚27'59		morning rise	-1889 Mar 31 j 14:14	10°᳚39'05	
direct	-1890 Apr 24 j 02:37	0°᳚04'34		direct	-1889 Apr 04 j 20:55	9°᳚58'15	
morning max el	-1890 May 07 j 04:25	6°᳚23'33	22°46'04	morning max el	-1889 Apr 18 j 20:09	16°᳚58'52	24°26'15
	-1890 May 23 j 15:41	0°᳚			-1889 Apr 29 j 09:18	0°᳚	
asc. node	-1890 May 27 j 21:23	8°᳚20'38		morning set	-1889 May 14 j 01:13	26°᳚46'36	
morning set	-1890 May 29 j 13:11	11°᳚46'21		asc. node	-1889 May 14 j 18:25	28°᳚17'24	
					-1889 May 15 j 13:43	0°᳚	
superior conj	-1890 Jun 05 j 17:24	27°᳚01'58	1°20'57				
minimum elong	-1890 Jun 05 j 14:49	26°᳚48'14	1°20'39	superior conj	-1889 May 21 j 01:57	11°᳚54'38	1°02'00
	-1890 Jun 07 j 03:04	0°᳚		minimum elong	-1889 May 20 j 23:37	11°᳚42'00	1°01'38
max. Earth dist.	-1890 Jun 08 j 11:52	2°᳚51'45	1.34092 AU	max. Earth dist.	-1889 May 22 j 16:56	15°᳚24'54	1.33182 AU

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Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening rise	-1889 May 28 j 09:42	27°  21'24		max. Earth dist.	-1888 May 05 j 03:47	28°  15'08	1.32639 AU
	-1889 May 29 j 17:15	0°  II			-1888 May 05 j 23:00	0°  B	
	-1889 Jun 15 j 23:45	0°  S		evening rise	-1888 May 11 j 14:18	12°  B02'10	
desc. node	-1889 Jun 24 j 17:36	11°  S42'01			-1888 May 20 j 21:39	0°  II	
evening max el	-1889 Jun 30 j 08:31	17°  S45'03	27°24'47	desc. node	-1888 Jun 10 j 14:37	29°  II11'20	
retrograde	-1889 Jul 14 j 02:01	25°  S05'52			-1888 Jun 11 j 10:28	0°  S	
evening set	-1889 Jul 21 j 06:43	22°  S30'25		evening max el	-1888 Jun 11 j 13:58	0°  S08'24	27°02'11
min. Earth dist.	-1889 Jul 24 j 20:42	19°  S27'42	0.63104 AU	retrograde	-1888 Jun 25 j 12:40	7°  S27'39	
inferior conj	-1889 Jul 27 j 15:07	16°  S43'21	-3°53'38	evening set	-1888 Jul 02 j 11:26	5°  S17'02	
minimum elong	-1889 Jul 27 j 19:16	16°  S33'03	3°52'44	min. Earth dist.	-1888 Jul 06 j 03:43	2°  S34'05	0.61189 AU
morning rise	-1889 Aug 03 j 08:52	11°  S31'24		inferior conj	-1888 Jul 09 j 09:01	29°  II45'33	-4°23'28
direct	-1889 Aug 05 j 22:52	10°  S59'51		minimum elong	-1888 Jul 09 j 11:45	29°  II39'33	4°23'08
asc. node	-1889 Aug 10 j 17:40	12°  S49'01			-1888 Jul 09 j 02:27	30°  RII	
morning max el	-1889 Aug 12 j 13:33	14°  S24'25	17°54'45	morning rise	-1888 Jul 16 j 13:45	24°  II54'41	
	-1889 Aug 23 j 08:10	0°  Q		direct	-1888 Jul 19 j 02:05	24°  II28'55	
morning set	-1889 Aug 29 j 02:39	10°  Q05'36		morning max el	-1888 Jul 26 j 03:03	27°  II57'57	18°01'52
				asc. node	-1888 Jul 27 j 14:42	29°  II32'07	
superior conj	-1889 Sep 09 j 21:38	0°  M25'26	1°06'41		-1888 Jul 28 j 00:18	0°  S	
minimum elong	-1889 Sep 10 j 03:01	0°  M47'59	1°06'05	morning set	-1888 Aug 11 j 02:24	23°  S09'35	
	-1889 Sep 09 j 15:33	0°  M			-1888 Aug 14 j 19:33	0°  Q	
max. Earth dist.	-1889 Sep 16 j 10:29	11°  M09'11	1.43566 AU	superior conj	-1888 Aug 21 j 07:31	11°  Q41'22	1°32'40
desc. node	-1889 Sep 20 j 17:02	17°  M58'25		minimum elong	-1888 Aug 21 j 11:39	11°  Q59'34	1°32'21
evening rise	-1889 Sep 25 j 09:07	25°  M16'48		max. Earth dist.	-1888 Aug 28 j 20:35	24°  Q35'54	1.41987 AU
	-1889 Sep 28 j 10:39	0°  A			-1888 Sep 01 j 03:27	0°  M	
	-1889 Oct 19 j 02:40	0°  M		evening rise	-1888 Sep 03 j 22:33	4°  M29'53	
evening max el	-1889 Oct 24 j 22:27	6°  M52'53	21°01'42	desc. node	-1888 Sep 06 j 14:01	8°  M40'40	
retrograde	-1889 Nov 02 j 09:09	11°  M53'23			-1888 Sep 20 j 19:12	0°  A	
evening set	-1889 Nov 06 j 09:11	10°  M22'31		evening max el	-1888 Oct 06 j 16:46	20°  A19'48	22°17'07
asc. node	-1889 Nov 06 j 16:49	10°  M07'22		retrograde	-1888 Oct 16 j 04:48	25°  A58'53	
inferior conj	-1889 Nov 11 j 18:21	4°  M11'01	1°40'48	evening set	-1888 Oct 20 j 16:56	24°  A10'13	
minimum elong	-1889 Nov 11 j 16:13	4°  M18'21	1°39'57	asc. node	-1888 Oct 23 j 13:52	21°  A09'46	
min. Earth dist.	-1889 Nov 12 j 04:49	3°  M35'11	0.67236 AU	inferior conj	-1888 Oct 26 j 00:55	17°  A52'22	0°50'27
	-1889 Nov 14 j 23:19	30°  R4A		minimum elong	-1888 Oct 25 j 23:46	17°  A56'20	0°49'57
morning rise	-1889 Nov 16 j 23:06	27°  A56'51		min. Earth dist.	-1888 Oct 26 j 00:44	17°  A53'00	0.67518 AU
direct	-1889 Nov 22 j 05:45	25°  A39'55		morning rise	-1888 Oct 31 j 06:28	11°  A39'18	
	-1889 Nov 30 j 19:37	0°  M		direct	-1888 Nov 04 j 22:04	9°  A44'19	
morning max el	-1889 Dec 03 j 00:33	2°  M05'38	23°53'23	morning max el	-1888 Nov 14 j 11:44	15°  A25'14	22°26'25
desc. node	-1889 Dec 17 j 16:23	20°  M25'25			-1888 Nov 26 j 06:51	0°  M	
	-1889 Dec 24 j 05:41	0°  A		desc. node	-1888 Dec 03 j 13:24	10°  M24'32	
morning set	-1888 Jan 07 j 13:10	22°  A59'26			-1888 Dec 16 j 06:38	0°  A	
max. Earth dist.	-1888 Jan 11 j 11:24	29°  A50'00	1.38566 AU	morning set	-1888 Dec 18 j 00:09	2°  A47'47	
	-1888 Jan 11 j 13:39	0°  B		max. Earth dist.	-1888 Dec 23 j 08:03	11°  A38'05	1.40661 AU
superior conj	-1888 Jan 18 j 18:02	13°  B11'06	-1°51'50	superior conj	-1888 Dec 31 j 02:56	25°  A12'47	-1°58'42
minimum elong	-1888 Jan 18 j 20:44	13°  B23'52	1°51'43	minimum elong	-1888 Dec 31 j 03:09	25°  A13'48	1°58'45
	-1888 Jan 27 j 10:06	0°  A			-1887 Jan 02 j 18:17	0°  B	
evening rise	-1888 Jan 27 j 17:16	0°  A35'02		evening rise	-1887 Jan 10 j 04:24	13°  B50'11	
asc. node	-1888 Feb 02 j 16:06	11°  A54'48			-1887 Jan 19 j 03:07	0°  A	
evening max el	-1888 Feb 13 j 04:55	27°  A09'59	18°50'41	asc. node	-1887 Jan 19 j 13:08	0°  A40'53	
	-1888 Feb 17 j 00:23	0°  A		evening max el	-1887 Jan 26 j 10:45	9°  A52'23	18°19'24
retrograde	-1888 Feb 21 j 10:16	1°  A08'16		retrograde	-1887 Feb 02 j 15:53	13°  A27'11	
evening set	-1888 Feb 23 j 19:09	0°  A49'47		evening set	-1887 Feb 05 j 05:01	13°  A01'31	
	-1888 Feb 26 j 01:59	30°  RA		inferior conj	-1887 Feb 12 j 08:23	8°  A21'37	3°42'32
inferior conj	-1888 Mar 02 j 15:10	26°  A30'20	2°58'19	minimum elong	-1887 Feb 12 j 10:53	8°  A16'18	3°42'14
minimum elong	-1888 Mar 02 j 19:40	26°  A22'07	2°57'16	min. Earth dist.	-1887 Feb 15 j 17:54	5°  A29'53	0.59459 AU
min. Earth dist.	-1888 Mar 05 j 21:27	24°  A08'42	0.57485 AU	morning rise	-1887 Feb 19 j 14:35	2°  A48'07	
morning rise	-1888 Mar 10 j 17:22	21°  A20'45		direct	-1887 Feb 26 j 00:55	0°  A56'58	
desc. node	-1888 Mar 14 j 15:27	20°  A14'23		desc. node	-1887 Mar 01 j 12:31	1°  A28'16	
direct	-1888 Mar 16 j 04:23	20°  A08'35		morning max el	-1887 Mar 12 j 07:39	8°  A38'02	27°06'21
morning max el	-1888 Mar 30 j 11:41	27°  A35'39	25°57'55		-1887 Mar 28 j 13:53	0°  A	
	-1888 Apr 01 j 19:56	0°  A		morning set	-1887 Apr 11 j 22:27	26°  A37'51	
	-1888 Apr 21 j 16:20	0°  Y			-1887 Apr 13 j 12:55	0°  Y	
morning set	-1888 Apr 27 j 12:52	11°  Y45'59		asc. node	-1887 Apr 17 j 12:29	8°  Y35'39	
asc. node	-1888 Apr 30 j 15:27	18°  Y24'03		max. Earth dist.	-1887 Apr 18 j 16:48	11°  Y10'36	1.32446 AU
superior conj	-1888 May 04 j 12:58	26°  Y54'09	0°40'02	superior conj	-1887 Apr 19 j 00:43	11°  Y54'00	0°15'53
minimum elong	-1888 May 04 j 11:18	26°  Y45'00	0°39'43				

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1887 Apr 19 j 00:00	11° Υ 50'07	0°15'44	max. Earth dist.	-1886 Apr 02 j 04:18	23° H 58'19	1.32612 AU
behind sun begin	-1887 Apr 18 j 23:37	11° Υ 48'00					
behind sun end	-1887 Apr 19 j 00:24	11° Υ 52'14		superior conj	-1886 Apr 03 j 11:32	26° H 48'04	-0°09'40
evening rise	-1887 Apr 25 j 23:14	26° Υ 54'30		minimum elong	-1886 Apr 03 j 11:59	26° H 50'30	0°09'34
	-1887 Apr 27 j 10:54	0° B		behind sun begin	-1886 Apr 03 j 07:54	26° H 28'15	
	-1887 May 14 j 15:14	0° Π		behind sun end	-1886 Apr 03 j 16:04	27° H 12'45	
evening max el	-1887 May 24 j 13:16	11° Π 48'53	26°07'31	asc. node	-1886 Apr 04 j 09:31	28° H 47'55	
desc. node	-1887 May 28 j 11:38	15° Π 08'50			-1886 Apr 04 j 22:43	0° Υ	
retrograde	-1887 Jun 07 j 15:03	19° Π 04'23		evening rise	-1886 Apr 10 j 10:30	11° Υ 51'00	
evening set	-1887 Jun 13 j 19:26	17° Π 30'23			-1886 Apr 19 j 17:24	0° B	
min. Earth dist.	-1887 Jun 18 j 02:07	14° Π 50'05	0.59132 AU	evening max el	-1886 May 06 j 06:41	22° B 49'47	24°47'06
inferior conj	-1887 Jun 21 j 10:34	12° Π 17'37	-4°32'39	desc. node	-1886 May 15 j 08:40	28° B 59'26	
minimum elong	-1887 Jun 21 j 10:07	12° Π 18'29	4°32'36	retrograde	-1886 May 20 j 06:27	29° B 54'51	
morning rise	-1887 Jun 29 j 03:12	7° Π 48'48		evening set	-1886 May 25 j 05:02	28° B 59'23	
direct	-1887 Jul 01 j 15:23	7° Π 27'16		min. Earth dist.	-1886 May 30 j 18:33	26° B 05'28	0.57211 AU
morning max el	-1887 Jul 09 j 11:44	11° Π 11'58	18°28'43	inferior conj	-1886 Jun 02 j 16:39	24° B 10'16	-4°09'59
asc. node	-1887 Jul 14 j 11:45	17° Π 15'15		minimum elong	-1886 Jun 02 j 12:04	24° B 17'52	4°09'18
	-1887 Jul 22 j 00:22	0° E		morning rise	-1886 Jun 10 j 21:58	20° B 01'25	
morning set	-1887 Jul 25 j 15:26	6° E 53'24		direct	-1886 Jun 13 j 11:00	19° B 43'00	
				morning max el	-1886 Jun 22 j 12:40	23° B 56'32	19°16'08
superior conj	-1887 Aug 03 j 16:48	24° E 07'34	1°45'39		-1886 Jun 27 j 16:03	0° Π	
minimum elong	-1887 Aug 03 j 18:32	24° E 15'36	1°45'37	asc. node	-1886 Jul 01 j 08:49	5° Π 44'30	
	-1887 Aug 06 j 21:52	0° Ω		morning set	-1886 Jul 09 j 13:54	21° Π 06'36	
max. Earth dist.	-1887 Aug 11 j 01:03	7° Ω 19'02	1.40081 AU		-1886 Jul 14 j 00:52	0° E	
evening rise	-1887 Aug 15 j 10:15	14° Ω 46'40					
desc. node	-1887 Aug 24 j 11:01	29° Ω 16'03		superior conj	-1886 Jul 17 j 19:42	7° E 27'21	1°48'01
	-1887 Aug 24 j 22:26	0° H		minimum elong	-1886 Jul 17 j 19:18	7° E 25'22	1°48'02
	-1887 Sep 15 j 17:28	0° A		max. Earth dist.	-1886 Jul 24 j 03:33	19° E 24'45	1.38105 AU
evening max el	-1887 Sep 19 j 06:32	3° A 49'15	23°37'23	evening rise	-1886 Jul 27 j 23:25	26° E 16'42	
retrograde	-1887 Sep 29 j 21:24	10° A 05'27			-1886 Jul 30 j 02:51	0° Ω	
evening set	-1887 Oct 04 j 23:25	7° A 58'06		desc. node	-1886 Aug 11 j 08:02	19° Ω 39'27	
inferior conj	-1887 Oct 10 j 07:40	1° A 37'43	-0°02'47		-1886 Aug 18 j 11:34	0° H	
minimum elong	-1887 Oct 10 j 07:44	1° A 37'30	0°02'45	evening max el	-1886 Sep 01 j 18:05	17° H 22'06	24°55'50
transit middle	-1887 Oct 10 j 07:44	1° A 37'30	0°02'45	retrograde	-1886 Sep 13 j 09:56	24° H 08'43	
transit begin	-1887 Oct 10 j 05:04	1° A 46'38		evening set	-1886 Sep 19 j 02:49	21° H 43'31	
transit end	-1887 Oct 10 j 10:24	1° A 28'22		min. Earth dist.	-1886 Sep 23 j 15:53	16° H 33'35	0.67160 AU
min. Earth dist.	-1887 Oct 09 j 21:16	2° A 13'15	0.67495 AU	inferior conj	-1886 Sep 24 j 12:52	15° H 24'17	-0°57'22
asc. node	-1887 Oct 10 j 10:54	1° A 26'41		minimum elong	-1886 Sep 24 j 14:16	15° H 19'40	0°56'46
	-1887 Oct 11 j 12:34	30° R H		asc. node	-1886 Sep 27 j 07:58	11° H 54'08	
morning rise	-1887 Oct 15 j 15:59	25° H 28'32		morning rise	-1886 Sep 30 j 01:44	9° H 22'04	
direct	-1887 Oct 19 j 17:48	23° H 55'07		direct	-1886 Oct 03 j 15:39	8° H 08'01	
morning max el	-1887 Oct 28 j 04:35	28° H 52'26	21°05'22	morning max el	-1886 Oct 11 j 04:54	12° H 28'55	19°55'40
	-1887 Oct 29 j 06:20	0° A			-1886 Oct 24 j 09:37	0° A	
	-1887 Nov 19 j 23:16	0° M		morning set	-1886 Nov 06 j 05:21	19° A 31'50	
desc. node	-1887 Nov 20 j 10:26	0° M 42'25		desc. node	-1886 Nov 07 j 07:29	21° A 13'03	
morning set	-1887 Nov 27 j 08:09	11° M 21'33			-1886 Nov 12 j 22:33	0° M	
max. Earth dist.	-1887 Dec 05 j 11:16	24° M 20'55	1.42567 AU	max. Earth dist.	-1886 Nov 17 j 22:30	7° M 54'28	1.44008 AU
	-1887 Dec 08 j 21:34	0° X					
superior conj	-1887 Dec 12 j 12:57	6° X 07'37	-1°52'37	superior conj	-1886 Nov 22 j 19:57	15° M 46'47	-1°29'45
minimum elong	-1887 Dec 12 j 09:05	5° X 51'10	1°52'28	minimum elong	-1886 Nov 22 j 12:31	15° M 16'37	1°29'05
evening rise	-1887 Dec 24 j 01:48	26° X 23'19			-1886 Dec 01 j 10:26	0° X	
	-1887 Dec 26 j 02:03	0° Z		evening rise	-1886 Dec 06 j 05:05	8° X 06'11	
asc. node	-1886 Jan 06 j 10:09	18° Z 48'08			-1886 Dec 19 j 11:40	0° Z	
evening max el	-1886 Jan 09 j 21:25	22° Z 55'41	18°07'54	asc. node	-1886 Dec 24 j 07:12	6° Z 05'09	
retrograde	-1886 Jan 16 j 13:17	26° Z 21'54		evening max el	-1886 Dec 24 j 09:59	6° Z 12'17	18°15'36
evening set	-1886 Jan 19 j 06:20	25° Z 47'47		retrograde	-1886 Dec 30 j 22:15	9° Z 42'43	
inferior conj	-1886 Jan 25 j 20:13	20° Z 46'29	3°56'29	evening set	-1885 Jan 02 j 19:21	8° Z 59'14	
minimum elong	-1886 Jan 25 j 20:13	20° Z 46'27	3°56'27	inferior conj	-1885 Jan 08 j 22:51	3° Z 37'39	3°48'24
min. Earth dist.	-1886 Jan 28 j 21:15	17° Z 49'24	0.61517 AU	minimum elong	-1885 Jan 08 j 21:02	3° Z 42'40	3°48'09
morning rise	-1886 Feb 01 j 08:49	14° Z 57'26		min. Earth dist.	-1885 Jan 11 j 09:49	0° Z 56'28	0.63389 AU
direct	-1886 Feb 08 j 07:42	12° Z 32'12			-1885 Jan 12 j 07:35	30° R X	
desc. node	-1886 Feb 16 j 09:35	15° Z 21'03		morning rise	-1885 Jan 14 j 22:02	27° X 38'13	
morning max el	-1886 Feb 22 j 09:41	20° Z 19'16	27°41'24	direct	-1885 Jan 21 j 22:33	24° X 52'12	
	-1886 Mar 02 j 18:09	0° \approx			-1885 Feb 01 j 19:27	0° Z	
	-1886 Mar 21 j 10:50	0° H		desc. node	-1885 Feb 03 j 06:41	1° Z 18'05	
morning set	-1886 Mar 27 j 04:02	11° H 15'15		morning max el	-1885 Feb 04 j 16:50	2° Z 39'52	27°39'52
					-1885 Feb 25 j 01:49	0° \approx	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning set	-1885 Mar 11 j 03:18	25° \approx 30'25		morning set	-1884 Feb 22 j 17:04	9° \approx 12'19	
	-1885 Mar 13 j 08:32	0° H		max. Earth dist.	-1884 Feb 27 j 07:18	18° \approx 19'18	1.34133 AU
max. Earth dist.	-1885 Mar 16 j 10:28	6° H 25'19	1.33161 AU				
				superior conj	-1884 Mar 01 j 23:11	25° \approx 53'28	-1°01'03
superior conj	-1885 Mar 18 j 19:43	11° H 30'27	-0°35'39	minimum elong	-1884 Mar 02 j 01:55	26° \approx 07'50	1°00'35
minimum elong	-1885 Mar 18 j 21:22	11° H 39'19	0°35'19		-1884 Mar 03 j 22:00	0° H	
asc. node	-1885 Mar 22 j 06:34	18° H 56'52		asc. node	-1884 Mar 08 j 03:36	8° H 57'21	
evening rise	-1885 Mar 25 j 22:15	26° H 45'06		evening rise	-1884 Mar 09 j 08:36	11° H 29'10	
	-1885 Mar 27 j 11:37	0° Y			-1884 Mar 19 j 00:44	0° Y	
	-1885 Apr 14 j 15:10	0° B		evening max el	-1884 Mar 29 j 17:52	14° Y 15'42	21°40'55
evening max el	-1885 Apr 17 j 22:04	3° B 29'38	23°13'26	retrograde	-1884 Apr 11 j 01:20	20° Y 14'27	
retrograde	-1885 May 01 j 09:09	10° B 10'36		evening set	-1884 Apr 13 j 14:35	19° Y 59'45	
desc. node	-1885 May 02 j 05:43	10° B 08'57		desc. node	-1884 Apr 18 j 02:48	18° Y 30'28	
evening set	-1885 May 04 j 22:30	9° B 42'53		inferior conj	-1884 Apr 22 j 23:54	15° Y 56'54	-1°21'58
min. Earth dist.	-1885 May 12 j 08:11	6° B 23'07	0.55764 AU	minimum elong	-1884 Apr 22 j 20:06	16° Y 02'14	1°20'38
inferior conj	-1885 May 14 j 03:06	5° B 20'13	-3°05'35	min. Earth dist.	-1884 Apr 22 j 21:30	16° Y 00'17	0.55091 AU
minimum elong	-1885 May 13 j 20:27	5° B 30'00	3°03'47	morning rise	-1884 May 02 j 02:28	11° Y 57'52	
morning rise	-1885 May 22 j 20:59	1° B 24'04		direct	-1884 May 05 j 00:14	11° Y 39'15	
direct	-1885 May 25 j 12:02	1° B 07'19		morning max el	-1884 May 17 j 07:28	17° Y 28'05	21°50'28
morning max el	-1885 Jun 05 j 03:31	6° B 03'31	20°24'07		-1884 May 27 j 04:30	0° B	
asc. node	-1885 Jun 18 j 05:54	24° B 49'06		asc. node	-1884 Jun 04 j 02:58	14° B 19'20	
	-1885 Jun 20 j 22:46	0° II		morning set	-1884 Jun 07 j 04:04	20° B 31'19	
morning set	-1885 Jun 23 j 18:53	5° II 41'42			-1884 Jun 11 j 16:17	0° II	
superior conj	-1885 Jul 01 j 11:18	21° II 27'08	1°42'10	superior conj	-1884 Jun 14 j 11:41	5° II 54'44	1°30'07
minimum elong	-1885 Jul 01 j 09:29	21° II 17'55	1°42'06	minimum elong	-1884 Jun 14 j 09:12	5° II 41'42	1°29'53
	-1885 Jul 05 j 18:28	0° E		max. Earth dist.	-1884 Jun 18 j 00:03	13° II 10'15	1.34784 AU
max. Earth dist.	-1885 Jul 06 j 09:43	1° E 13'58	1.36289 AU	evening rise	-1884 Jun 22 j 14:50	22° II 19'03	
evening rise	-1885 Jul 10 j 10:41	8° E 52'14			-1884 Jun 26 j 17:06	0° E	
	-1885 Jul 22 j 18:52	0° O		desc. node	-1884 Jul 15 j 02:02	29° E 24'54	
desc. node	-1885 Jul 29 j 05:01	9° O 45'03			-1884 Jul 15 j 12:16	0° O	
	-1885 Aug 14 j 06:37	0° M		evening max el	-1884 Jul 27 j 16:50	14° O 25'47	26°56'09
evening max el	-1885 Aug 15 j 05:18	0° M 56'23	26°04'41	retrograde	-1884 Aug 09 j 20:34	21° O 44'43	
retrograde	-1885 Aug 27 j 17:44	8° M 04'01		evening set	-1884 Aug 16 j 16:20	18° O 57'43	
evening set	-1885 Sep 03 j 01:14	5° M 24'21		min. Earth dist.	-1884 Aug 20 j 13:49	15° O 02'46	0.65463 AU
min. Earth dist.	-1885 Sep 07 j 06:10	0° M 51'36	0.66493 AU	inferior conj	-1884 Aug 22 j 11:06	12° O 51'14	-2°43'37
	-1885 Sep 07 j 22:42	30° K 0		minimum elong	-1884 Aug 22 j 14:53	12° O 40'13	2°42'19
inferior conj	-1885 Sep 08 j 14:41	29° O 09'51	-1°51'39	morning rise	-1884 Aug 28 j 13:57	7° O 12'15	
minimum elong	-1885 Sep 08 j 17:24	29° O 01'22	1°50'35	direct	-1884 Aug 31 j 10:40	6° O 27'11	
morning rise	-1885 Sep 14 j 09:47	23° O 17'40		asc. node	-1884 Aug 31 j 02:10	6° O 27'53	
asc. node	-1885 Sep 14 j 05:04	23° O 25'00		morning max el	-1884 Sep 07 j 00:50	10° O 03'19	18°21'10
direct	-1885 Sep 17 j 13:56	22° O 19'52			-1884 Sep 20 j 21:13	0° M	
morning max el	-1885 Sep 24 j 12:18	26° O 13'47	19°00'22	morning set	-1884 Sep 26 j 05:16	8° M 43'43	
	-1885 Sep 27 j 18:44	0° M			-1884 Oct 09 j 09:59	0° E	
morning set	-1885 Oct 16 j 15:51	28° M 27'38					
	-1885 Oct 17 j 15:19	0° E		superior conj	-1884 Oct 11 j 03:31	2° E 44'29	-0°00'34
desc. node	-1885 Oct 25 j 04:29	11° E 52'08		minimum elong	-1884 Oct 11 j 03:26	2° E 44'09	0°00'33
max. Earth dist.	-1885 Oct 31 j 15:09	22° E 00'16	1.44805 AU	behind sun begin	-1884 Oct 10 j 16:17	2° E 00'02	
				behind sun end	-1884 Oct 11 j 14:35	3° E 28'14	
superior conj	-1885 Nov 02 j 03:10	24° E 22'21	-0°49'49	desc. node	-1884 Oct 11 j 01:29	2° E 36'23	
minimum elong	-1885 Nov 01 j 21:00	23° E 58'00	0°49'05	max. Earth dist.	-1884 Oct 13 j 09:32	6° E 17'39	1.44874 AU
	-1885 Nov 05 j 16:30	0° M		evening rise	-1884 Oct 27 j 14:37	28° E 34'49	
evening rise	-1885 Nov 17 j 09:59	18° M 50'48			-1884 Oct 28 j 12:22	0° M	
	-1885 Nov 24 j 06:28	0° J		greatest brilliancy	-1884 Nov 07 j 12:52	15° M 36'28	-0.8m
evening max el	-1885 Dec 07 j 21:45	19° J 35'41	18°41'35		-1884 Nov 17 j 14:33	0° J	
asc. node	-1885 Dec 11 j 04:16	22° J 17'37		evening max el	-1884 Nov 20 j 06:22	3° J 02'14	19°24'36
retrograde	-1885 Dec 14 j 14:34	23° J 21'01		retrograde	-1884 Nov 27 j 10:47	7° J 11'19	
evening set	-1885 Dec 17 j 16:45	22° J 26'55		asc. node	-1884 Nov 27 j 01:20	7° J 10'26	
inferior conj	-1885 Dec 23 j 12:31	16° J 47'27	3°24'48	evening set	-1884 Nov 30 j 19:45	6° J 04'49	
minimum elong	-1885 Dec 23 j 09:45	16° J 55'48	3°24'11	inferior conj	-1884 Dec 06 j 10:00	0° J 10'28	2°50'14
min. Earth dist.	-1885 Dec 25 j 08:20	14° J 35'43	0.64936 AU	minimum elong	-1884 Dec 06 j 07:03	0° J 20'00	2°49'21
morning rise	-1885 Dec 29 j 02:24	10° J 40'46			-1884 Dec 06 j 13:15	30° K 0	
direct	-1884 Jan 04 j 20:14	7° J 48'52		min. Earth dist.	-1884 Dec 07 j 15:42	28° M 34'41	0.66112 AU
morning max el	-1884 Jan 18 j 02:26	15° J 29'50	27°04'33	morning rise	-1884 Dec 11 j 18:06	23° M 58'59	
desc. node	-1884 Jan 21 j 03:45	18° J 44'21		direct	-1884 Dec 18 j 00:07	21° M 14'00	
	-1884 Jan 30 j 01:53	0° Z		morning max el	-1884 Dec 30 j 11:57	28° M 36'27	26°02'26
	-1884 Feb 17 j 19:11	0° \approx			-1884 Dec 31 j 20:19	0° J	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

desc. node	-1883 Jan 07 j 00:48	7°♊13'48	morning max el	-1883 Dec 12 j 20:23	11°♍48'52	24°42'56
	-1883 Jan 22 j 20:32	0°♊	desc. node	-1883 Dec 24 j 21:50	26°♍27'22	
morning set	-1883 Feb 04 j 17:14	22°♊08'49		-1883 Dec 27 j 11:02	0°♊	
max. Earth dist.	-1883 Feb 08 j 16:15	29°♊38'48	1.35555 AU	-1882 Jan 15 j 14:22	0°♊	
	-1883 Feb 08 j 20:38	0°♊	morning set	-1882 Jan 17 j 22:16	4°♊03'35	
			max. Earth dist.	-1882 Jan 21 j 14:41	10°♊40'50	1.37385 AU
superior conj	-1883 Feb 13 j 19:32	9°♋50'12	-1°24'23			
minimum elong	-1883 Feb 13 j 22:58	10°♋07'37	1°23'56	superior conj	-1882 Jan 28 j 05:34	23°♊11'24
evening rise	-1883 Feb 21 j 15:40	25°♋57'15		minimum elong	-1882 Jan 28 j 08:54	23°♊27'36
asc. node	-1883 Feb 23 j 00:38	28°♋44'56			-1882 Jan 31 j 16:35	0°♋
	-1883 Feb 23 j 15:33	0°♋	evening rise	-1882 Feb 05 j 17:10	10°♋02'30	
evening max el	-1883 Mar 11 j 23:27	25°♋31'46	20°20'29	asc. node	-1882 Feb 09 j 21:40	18°♋14'05
	-1883 Mar 18 j 20:58	0°♋	evening max el	-1882 Feb 16 j 16:48	0°♋	
retrograde	-1883 Mar 22 j 15:31	0°♋37'36		retrograde	-1882 Feb 22 j 16:01	7°♋25'26
evening set	-1883 Mar 24 j 20:15	0°♋25'33			-1882 Mar 03 j 16:11	11°♋43'48
	-1883 Mar 26 j 13:58	30°♋	evening set	-1882 Mar 05 j 22:46	11°♋28'34	
inferior conj	-1883 Apr 02 j 20:09	26°♋27'21	0°36'16	inferior conj	-1882 Mar 14 j 05:23	7°♋19'45
minimum elong	-1883 Apr 02 j 21:46	26°♋24'57	0°35'41	minimum elong	-1882 Mar 14 j 09:57	7°♋12'06
min. Earth dist.	-1883 Apr 04 j 11:37	25°♋29'12	0.55366 AU	min. Earth dist.	-1882 Mar 17 j 02:42	5°♋24'49
desc. node	-1883 Apr 04 j 23:52	25°♋11'25		morning rise	-1882 Mar 22 j 18:19	2°♋27'47
morning rise	-1883 Apr 11 j 21:38	22°♋06'29		desc. node	-1882 Mar 22 j 20:56	2°♋25'28
direct	-1883 Apr 15 j 13:12	21°♋37'26		direct	-1882 Mar 27 j 13:21	1°♋34'51
morning max el	-1883 Apr 29 j 02:24	28°♋16'35	23°28'39	morning max el	-1882 Apr 10 j 17:10	8°♋49'00
	-1883 Apr 30 j 19:51	0°♋			-1882 Apr 26 j 11:05	0°♋
	-1883 May 19 j 23:36	0°♋	morning set	-1882 May 07 j 03:37	20°♋30'17	
asc. node	-1883 May 21 j 23:59	4°♋08'08		asc. node	-1882 May 08 j 21:01	24°♋10'02
morning set	-1883 May 22 j 15:32	5°♋29'19			-1882 May 11 j 13:47	0°♋
superior conj	-1883 May 29 j 17:56	20°♋40'46	1°13'21	superior conj	-1882 May 14 j 03:47	5°♋37'47
minimum elong	-1883 May 29 j 15:24	20°♋27'10	1°12'59	minimum elong	-1882 May 14 j 01:41	5°♋26'22
max. Earth dist.	-1883 Jun 01 j 00:02	25°♋28'54	1.33658 AU	max. Earth dist.	-1882 May 15 j 07:58	8°♋10'54
	-1883 Jun 03 j 03:50	0°♋	evening rise	-1882 May 21 j 08:18	20°♋54'56	
evening rise	-1883 Jun 06 j 07:16	6°♋23'43			-1882 May 25 j 22:12	0°♋
	-1883 Jun 19 j 07:07	0°♋	desc. node	-1882 Jun 13 j 09:50	0°♋	
desc. node	-1883 Jul 01 j 23:03	18°♋27'43		evening max el	-1882 Jun 18 j 20:05	6°♋38'00
evening max el	-1883 Jul 10 j 03:52	27°♋40'00	27°22'56	retrograde	-1882 Jun 22 j 12:22	10°♋26'54
	-1883 Jul 12 j 18:30	0°♋	evening set	-1882 Jul 06 j 08:35	17°♋47'02	
retrograde	-1883 Jul 23 j 17:47	5°♋01'59		min. Earth dist.	-1882 Jul 13 j 11:55	15°♋20'49
evening set	-1883 Jul 30 j 21:08	2°♋18'34		inferior conj	-1882 Jul 17 j 01:57	12°♋27'56
	-1883 Aug 02 j 12:24	30°♋	0.64062 AU	minimum elong	-1882 Jul 20 j 01:24	9°♋39'53
min. Earth dist.	-1883 Aug 03 j 12:51	28°♋58'39		morning rise	-1882 Jul 20 j 05:09	9°♋31'01
inferior conj	-1883 Aug 05 j 23:38	26°♋23'20	-3°30'32	direct	-1882 Jul 26 j 23:40	4°♋36'19
minimum elong	-1883 Aug 06 j 03:56	26°♋11'57	3°29'22	asc. node	-1882 Jul 29 j 12:41	4°♋07'28
morning rise	-1883 Aug 12 j 11:36	21°♋00'31		morning max el	-1882 Aug 04 j 20:16	7°♋07'54
direct	-1883 Aug 15 j 03:16	20°♋24'56			-1882 Aug 05 j 06:48	7°♋33'02
asc. node	-1883 Aug 17 j 23:14	21°♋05'40		morning set	-1882 Aug 19 j 20:59	0°♋
morning max el	-1883 Aug 21 j 15:56	23°♋51'39	17°59'10		-1882 Aug 21 j 11:44	2°♋54'01
	-1883 Aug 26 j 13:59	0°♋	superior conj	-1882 Sep 01 j 13:16	22°♋23'47	1°19'25
morning set	-1883 Sep 07 j 21:40	20°♋17'26		minimum elong	-1882 Sep 01 j 18:25	22°♋45'45
	-1883 Sep 13 j 14:37	0°♋			-1882 Sep 06 j 01:41	0°♋
superior conj	-1883 Sep 20 j 18:58	11°♋54'02	0°45'24	max. Earth dist.	-1882 Sep 08 j 16:00	4°♋16'16
minimum elong	-1883 Sep 20 j 23:38	12°♋13'04	0°44'50	desc. node	-1882 Sep 14 j 19:28	14°♋07'12
max. Earth dist.	-1883 Sep 26 j 02:34	20°♋28'01	1.44228 AU	evening rise	-1882 Sep 16 j 07:02	16°♋26'45
desc. node	-1883 Sep 27 j 22:27	23°♋22'17			-1882 Sep 25 j 03:36	0°♋
	-1883 Oct 02 j 03:39	0°♋	evening max el	-1882 Oct 17 j 09:11	0°♋	
evening rise	-1883 Oct 07 j 00:18	7°♋32'37		retrograde	-1882 Oct 17 j 07:50	29°♋56'33
	-1883 Oct 21 j 20:45	0°♋	evening set	-1882 Oct 26 j 04:50	5°♋12'47	
evening max el	-1883 Nov 03 j 10:01	16°♋29'11	20°22'43	asc. node	-1882 Oct 30 j 09:48	3°♋34'36
retrograde	-1883 Nov 11 j 08:12	21°♋09'13			-1882 Oct 31 j 19:26	2°♋18'04
asc. node	-1883 Nov 13 j 22:24	20°♋30'36		inferior conj	-1882 Nov 02 j 18:48	30°♋
evening set	-1883 Nov 15 j 02:04	19°♋48'03		minimum elong	-1882 Nov 04 j 18:19	27°♋20'14
inferior conj	-1883 Nov 20 j 12:38	13°♋42'02	2°07'50	min. Earth dist.	-1882 Nov 04 j 16:34	27°♋26'17
minimum elong	-1883 Nov 20 j 10:05	13°♋50'41	2°06'54	morning rise	-1882 Nov 05 j 00:12	26°♋59'55
min. Earth dist.	-1883 Nov 21 j 05:46	12°♋44'14	0.66925 AU	direct	-1882 Nov 09 j 23:09	21°♋06'19
morning rise	-1883 Nov 25 j 17:53	7°♋28'08		morning max el	-1882 Nov 14 j 23:26	18°♋58'22
direct	-1883 Dec 01 j 09:26	4°♋59'09			-1882 Nov 25 j 05:31	25°♋04'49

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1882 Nov 29 j 15:49	0°♄		morning set	-1881 Dec 10 j 00:31	23°♄53'40	
desc. node	-1882 Dec 11 j 18:51	16°♄12'34			-1881 Dec 13 j 19:12	0°♄	
	-1882 Dec 20 j 23:37	0°♄		max. Earth dist.	-1881 Dec 16 j 09:37	4°♄17'21	1.41513 AU
morning set	-1882 Dec 30 j 01:52	14°♄40'16					
max. Earth dist.	-1881 Jan 03 j 09:54	22°♄03'47	1.39464 AU	superior conj	-1881 Dec 24 j 01:00	17°♄20'55	-1°57'59
	-1881 Jan 07 j 21:28	0°♄		minimum elong	-1881 Dec 23 j 23:38	17°♄14'54	1°57'59
					-1881 Dec 31 j 02:05	0°♄	
superior conj	-1881 Jan 11 j 01:07	5°♄45'56	-1°56'04	evening rise	-1880 Jan 03 j 16:18	6°♄36'40	
minimum elong	-1881 Jan 11 j 03:00	5°♄54'36	1°56'03	asc. node	-1880 Jan 14 j 15:45	25°♄49'02	
evening rise	-1881 Jan 20 j 10:28	23°♄37'59			-1880 Jan 17 j 15:36	0°♄	
	-1881 Jan 23 j 18:30	0°♄		evening max el	-1880 Jan 20 j 02:00	2°♄44'18	18°12'07
asc. node	-1881 Jan 27 j 18:42	7°♄18'05		retrograde	-1880 Jan 27 j 00:15	6°♄14'03	
evening max el	-1881 Feb 05 j 17:46	19°♄52'08	18°34'59	evening set	-1880 Jan 29 j 15:05	5°♄44'51	
retrograde	-1881 Feb 13 j 11:11	23°♄38'14		inferior conj	-1880 Feb 05 j 12:15	0°♄55'29	3°51'41
evening set	-1881 Feb 15 j 22:07	23°♄16'43		minimum elong	-1880 Feb 05 j 13:40	0°♄52'17	3°51'34
inferior conj	-1881 Feb 23 j 10:39	18°♄48'43	3°21'18		-1880 Feb 06 j 12:39	30°♄	
minimum elong	-1881 Feb 23 j 14:29	18°♄41'15	3°20'35	min. Earth dist.	-1880 Feb 08 j 19:01	27°♄58'45	0.60335 AU
min. Earth dist.	-1881 Feb 26 j 20:07	16°♄11'38	0.58294 AU	morning rise	-1880 Feb 12 j 10:30	25°♄14'27	
morning rise	-1881 Mar 03 j 04:21	13°♄28'17		direct	-1880 Feb 19 j 03:23	23°♄08'01	
direct	-1881 Mar 09 j 02:32	11°♄59'48		desc. node	-1880 Feb 24 j 15:03	24°♄25'54	
desc. node	-1881 Mar 09 j 18:00	12°♄00'50			-1880 Mar 03 j 10:56	0°♄	
morning max el	-1881 Mar 23 j 09:55	19°♄33'12	26°30'40	morning max el	-1880 Mar 04 j 08:39	0°♄52'00	27°25'52
	-1881 Apr 01 j 07:00	0°♄			-1880 Mar 25 j 08:33	0°♄	
	-1881 Apr 18 j 22:57	0°♄		morning set	-1880 Apr 04 j 22:48	20°♄14'23	
morning set	-1881 Apr 21 j 14:37	5°♄27'25			-1880 Apr 09 j 13:08	0°♄	
asc. node	-1881 Apr 25 j 18:02	14°♄19'25		max. Earth dist.	-1880 Apr 11 j 09:27	4°♄01'07	1.32474 AU
				asc. node	-1880 Apr 11 j 15:06	4°♄32'01	
superior conj	-1881 Apr 28 j 15:18	20°♄38'17	0°30'02				
minimum elong	-1881 Apr 28 j 14:01	20°♄31'11	0°29'45	superior conj	-1880 Apr 12 j 02:52	5°♄36'26	0°05'12
max. Earth dist.	-1881 Apr 28 j 20:22	21°♄06'04	1.32519 AU	minimum elong	-1880 Apr 12 j 02:38	5°♄35'08	0°05'09
	-1881 May 02 j 22:30	0°♄		behind sun begin	-1880 Apr 11 j 21:51	5°♄08'59	
evening rise	-1881 May 05 j 15:02	5°♄42'03		behind sun end	-1880 Apr 12 j 07:25	6°♄01'18	
	-1881 May 18 j 13:48	0°♄		evening rise	-1880 Apr 19 j 01:13	20°♄37'08	
evening max el	-1881 Jun 04 j 15:35	22°♄33'23	26°42'37		-1880 Apr 23 j 15:40	0°♄	
desc. node	-1881 Jun 05 j 17:08	23°♄32'33			-1880 May 12 j 18:43	0°♄	
retrograde	-1881 Jun 18 j 15:36	29°♄50'25		evening max el	-1880 May 16 j 12:02	3°♄55'19	25°35'43
evening set	-1881 Jun 25 j 08:15	27°♄54'33		desc. node	-1880 May 22 j 14:10	8°♄40'56	
min. Earth dist.	-1881 Jun 29 j 04:59	25°♄14'55	0.60327 AU	retrograde	-1880 May 30 j 13:28	11°♄07'33	
inferior conj	-1881 Jul 02 j 12:49	22°♄30'52	-4°30'28	evening set	-1880 Jun 05 j 06:37	9°♄50'07	
minimum elong	-1881 Jul 02 j 14:25	22°♄27'34	4°30'21	min. Earth dist.	-1880 Jun 10 j 00:09	7°♄06'06	0.58289 AU
morning rise	-1881 Jul 09 j 22:29	17°♄49'07		inferior conj	-1880 Jun 13 j 06:22	4°♄46'55	-4°27'35
direct	-1881 Jul 12 j 10:46	17°♄25'09		minimum elong	-1880 Jun 13 j 04:09	4°♄50'53	4°27'24
morning max el	-1881 Jul 19 j 18:34	20°♄59'10	18°10'46	morning rise	-1880 Jun 21 j 04:22	0°♄27'23	
asc. node	-1881 Jul 22 j 17:18	24°♄18'16		direct	-1880 Jun 23 j 16:58	0°♄07'15	
	-1881 Jul 26 j 15:16	0°♄		morning max el	-1880 Jul 02 j 00:19	4°♄01'55	18°46'20
morning set	-1881 Aug 04 j 17:43	16°♄16'44		asc. node	-1880 Jul 08 j 14:21	12°♄22'24	
	-1881 Aug 12 j 02:24	0°♄		morning set	-1880 Jul 18 j 11:08	0°♄13'58	
					-1880 Jul 18 j 08:16	0°♄	
superior conj	-1881 Aug 14 j 09:50	4°♄11'33	1°39'39				
minimum elong	-1881 Aug 14 j 12:58	4°♄25'43	1°39'27	superior conj	-1880 Jul 27 j 03:19	17°♄02'40	1°47'48
max. Earth dist.	-1881 Aug 22 j 00:08	17°♄27'11	1.41211 AU	minimum elong	-1880 Jul 27 j 04:04	17°♄06'14	1°47'49
evening rise	-1881 Aug 27 j 04:54	26°♄04'03		max. Earth dist.	-1880 Aug 03 j 03:18	29°♄53'13	1.39237 AU
	-1881 Aug 29 j 15:35	0°♄			-1880 Aug 03 j 04:49	0°♄	
desc. node	-1881 Sep 01 j 16:29	4°♄47'10		evening rise	-1880 Aug 07 j 03:31	6°♄51'39	
	-1881 Sep 18 j 22:33	0°♄		desc. node	-1880 Aug 18 j 13:30	25°♄18'02	
evening max el	-1881 Sep 30 j 00:04	13°♄24'38	22°51'01		-1880 Aug 21 j 16:20	0°♄	
retrograde	-1881 Oct 09 j 23:15	19°♄19'22		evening max el	-1880 Sep 11 j 12:26	26°♄54'44	24°11'22
evening set	-1881 Oct 14 j 17:15	17°♄22'36			-1880 Sep 14 j 22:40	0°♄	
asc. node	-1881 Oct 18 j 16:28	12°♄55'05		retrograde	-1880 Sep 22 j 14:18	3°♄25'16	
inferior conj	-1881 Oct 20 j 01:10	11°♄03'20	0°28'07	evening set	-1880 Sep 27 j 22:40	1°♄09'47	
minimum elong	-1881 Oct 20 j 00:31	11°♄05'36	0°27'50		-1880 Sep 29 j 03:57	30°♄	
min. Earth dist.	-1881 Oct 19 j 20:35	11°♄19'09	0.67551 AU	min. Earth dist.	-1880 Oct 02 j 16:34	25°♄39'39	0.67390 AU
morning rise	-1881 Oct 25 j 07:41	4°♄51'52		inferior conj	-1880 Oct 03 j 07:29	24°♄49'16	-0°25'53
direct	-1881 Oct 29 j 17:16	3°♄06'18		minimum elong	-1880 Oct 03 j 08:06	24°♄47'10	0°25'37
morning max el	-1881 Nov 07 j 18:51	8°♄27'28	21°50'51	asc. node	-1880 Oct 04 j 13:32	23°♄09'01	
	-1881 Nov 24 j 08:44	0°♄		morning rise	-1880 Oct 08 j 17:33	18°♄42'52	
desc. node	-1881 Nov 28 j 15:53	6°♄20'34		direct	-1880 Oct 12 j 13:57	17°♄18'17	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning max el	-1880 Oct 20 j 14:57	21° \mathbb{M} 59'08	20°34'07	morning set	-1879 Oct 28 j 01:14	10° \mathbb{A} 31'22	
	-1880 Oct 27 j 07:09	0° \mathbb{A}		desc. node	-1879 Nov 01 j 09:57	17° \mathbb{A} 19'08	
desc. node	-1880 Nov 14 j 12:55	26° \mathbb{A} 44'20			-1879 Nov 09 j 11:49	0° \mathbb{M}	
	-1880 Nov 16 j 15:44	0° \mathbb{M}		max. Earth dist.	-1879 Nov 10 j 05:46	1° \mathbb{M} 11'01	1.44431 AU
morning set	-1880 Nov 18 j 01:06	2° \mathbb{M} 09'09					
max. Earth dist.	-1880 Nov 27 j 16:25	17° \mathbb{M} 23'26	1.43244 AU	superior conj	-1879 Nov 13 j 19:31	6° \mathbb{M} 52'09	-1°14'38
				minimum elong	-1879 Nov 13 j 11:50	6° \mathbb{M} 21'26	1°13'50
superior conj	-1880 Dec 03 j 23:43	27° \mathbb{M} 43'16	-1°45'08		-1879 Nov 27 j 22:50	0° \mathbb{J}	
minimum elong	-1880 Dec 03 j 18:02	27° \mathbb{M} 19'34	1°44'45	evening rise	-1879 Nov 28 j 00:49	0° \mathbb{J} 08'17	
	-1880 Dec 05 j 08:26	0° \mathbb{J}		evening max el	-1879 Dec 17 j 02:18	29° \mathbb{J} 13'29	18°24'29
evening rise	-1880 Dec 16 j 06:35	18° \mathbb{J} 49'35			-1879 Dec 17 j 21:27	0° \mathbb{Z}	
	-1880 Dec 22 j 15:56	0° \mathbb{Z}		asc. node	-1879 Dec 18 j 09:51	0° \mathbb{Z} 27'34	
asc. node	-1880 Dec 31 j 12:48	13° \mathbb{Z} 36'20		retrograde	-1879 Dec 23 j 15:38	2° \mathbb{Z} 49'01	
evening max el	-1879 Jan 02 j 13:45	15° \mathbb{Z} 53'28	18°08'52	evening set	-1879 Dec 26 j 14:41	2° \mathbb{Z} 01'20	
retrograde	-1879 Jan 09 j 03:13	19° \mathbb{Z} 20'28			-1879 Dec 29 j 08:20	30° \mathbb{R} \mathbb{J}	
evening set	-1879 Jan 11 j 21:47	18° \mathbb{Z} 42'39		inferior conj	-1878 Jan 01 j 14:39	26° \mathbb{J} 32'06	3°39'56
inferior conj	-1879 Jan 18 j 06:53	13° \mathbb{Z} 32'28	3°55'19	minimum elong	-1878 Jan 01 j 12:19	26° \mathbb{J} 38'47	3°39'32
minimum elong	-1879 Jan 18 j 06:00	13° \mathbb{Z} 34'44	3°55'15	min. Earth dist.	-1878 Jan 03 j 19:16	24° \mathbb{J} 01'52	0.64095 AU
min. Earth dist.	-1879 Jan 21 j 02:18	10° \mathbb{Z} 39'46	0.62339 AU	morning rise	-1878 Jan 07 j 09:23	20° \mathbb{J} 29'11	
morning rise	-1879 Jan 24 j 13:12	7° \mathbb{Z} 38'11		direct	-1878 Jan 14 j 07:58	17° \mathbb{J} 38'29	
direct	-1879 Jan 31 j 13:49	5° \mathbb{Z} 02'12		morning max el	-1878 Jan 27 j 21:45	25° \mathbb{J} 25'03	27°28'30
desc. node	-1879 Feb 10 j 12:07	9° \mathbb{Z} 15'35		desc. node	-1878 Jan 28 j 09:12	25° \mathbb{J} 53'49	
morning max el	-1879 Feb 14 j 13:20	12° \mathbb{Z} 51'08	27°45'15		-1878 Feb 01 j 03:24	0° \mathbb{Z}	
	-1879 Feb 28 j 06:44	0° \mathbb{A}			-1878 Feb 21 j 17:42	0° \mathbb{A}	
	-1879 Mar 17 j 17:19	0° \mathbb{H}		morning set	-1878 Mar 03 j 21:38	18° \mathbb{A} 44'59	
morning set	-1879 Mar 20 j 02:01	4° \mathbb{H} 43'10		max. Earth dist.	-1878 Mar 08 j 21:24	28° \mathbb{A} 52'43	1.33514 AU
max. Earth dist.	-1879 Mar 25 j 19:05	16° \mathbb{H} 40'46	1.32791 AU		-1878 Mar 09 j 10:17	0° \mathbb{H}	
superior conj	-1879 Mar 27 j 12:46	20° \mathbb{H} 25'45	-0°20'42	superior conj	-1878 Mar 11 j 19:12	5° \mathbb{H} 00'19	-0°46'36
minimum elong	-1879 Mar 27 j 13:44	20° \mathbb{H} 30'57	0°20'29	minimum elong	-1878 Mar 11 j 21:20	5° \mathbb{H} 11'42	0°46'11
asc. node	-1879 Mar 29 j 12:10	24° \mathbb{H} 43'07		asc. node	-1878 Mar 16 j 09:13	14° \mathbb{H} 48'36	
	-1879 Mar 31 j 22:37	0° \mathbb{Y}		evening rise	-1878 Mar 19 j 00:13	20° \mathbb{H} 22'30	
evening rise	-1879 Apr 03 j 12:52	5° \mathbb{Y} 32'41			-1878 Mar 23 j 17:59	0° \mathbb{Y}	
	-1879 Apr 16 j 14:50	0° \mathbb{B}		evening max el	-1878 Apr 09 j 20:11	25° \mathbb{Y} 22'05	22°33'15
evening max el	-1879 Apr 28 j 03:39	14° \mathbb{B} 43'11	24°08'01		-1878 Apr 16 j 01:35	0° \mathbb{B}	
desc. node	-1879 May 09 j 11:12	21° \mathbb{B} 26'23		retrograde	-1878 Apr 22 j 21:42	1° \mathbb{B} 46'59	
retrograde	-1879 May 12 j 00:05	21° \mathbb{B} 41'07		evening set	-1878 Apr 25 j 22:43	1° \mathbb{B} 26'42	
evening set	-1879 May 16 j 08:05	20° \mathbb{B} 59'14		desc. node	-1878 Apr 26 j 08:16	1° \mathbb{B} 21'10	
min. Earth dist.	-1879 May 22 j 15:07	17° \mathbb{B} 55'32	0.56513 AU		-1878 Apr 30 j 03:01	30° \mathbb{R} \mathbb{Y}	
inferior conj	-1879 May 25 j 03:48	16° \mathbb{B} 20'56	-3°48'07	min. Earth dist.	-1878 May 04 j 04:42	27° \mathbb{Y} 51'59	0.55360 AU
minimum elong	-1879 May 24 j 21:52	16° \mathbb{B} 30'16	3°46'54	inferior conj	-1878 May 05 j 07:13	27° \mathbb{Y} 14'11	-2°25'30
morning rise	-1879 Jun 02 j 14:40	12° \mathbb{B} 19'05		minimum elong	-1878 May 05 j 01:10	27° \mathbb{Y} 22'49	2°23'37
direct	-1879 Jun 05 j 04:03	12° \mathbb{B} 01'48		morning rise	-1878 May 14 j 05:31	23° \mathbb{Y} 18'41	
morning max el	-1879 Jun 14 j 21:19	16° \mathbb{B} 31'58	19°42'38	direct	-1878 May 16 j 22:23	23° \mathbb{Y} 01'48	
	-1879 Jun 24 j 19:53	0° \mathbb{I}		morning max el	-1878 May 28 j 07:27	28° \mathbb{Y} 20'32	20°58'54
asc. node	-1879 Jun 25 j 11:27	1° \mathbb{I} 07'57			-1878 May 29 j 23:28	0° \mathbb{B}	
morning set	-1879 Jul 02 j 12:42	14° \mathbb{I} 37'24		asc. node	-1878 Jun 12 j 08:31	20° \mathbb{B} 24'11	
	-1879 Jul 10 j 03:49	0° \mathbb{E}		morning set	-1878 Jun 16 j 19:43	29° \mathbb{B} 19'08	
					-1878 Jun 17 j 03:40	0° \mathbb{I}	
superior conj	-1879 Jul 10 j 12:12	0° \mathbb{E} 41'33	1°46'24	superior conj	-1878 Jun 24 j 07:55	14° \mathbb{I} 54'09	1°37'43
minimum elong	-1879 Jul 10 j 11:06	0° \mathbb{E} 36'07	1°46'25	minimum elong	-1878 Jun 24 j 05:44	14° \mathbb{I} 42'54	1°37'35
max. Earth dist.	-1879 Jul 16 j 06:11	11° \mathbb{E} 47'09	1.37298 AU	max. Earth dist.	-1878 Jun 28 j 15:19	23° \mathbb{I} 36'13	1.35603 AU
evening rise	-1879 Jul 20 j 02:43	18° \mathbb{E} 51'35			-1878 Jul 01 j 22:22	0° \mathbb{E}	
	-1879 Jul 26 j 13:15	0° \mathbb{O}		evening rise	-1878 Jul 02 j 21:48	1° \mathbb{E} 50'52	
desc. node	-1879 Aug 05 j 10:31	15° \mathbb{O} 34'56			-1878 Jul 19 j 13:18	0° \mathbb{O}	
	-1879 Aug 15 j 19:57	0° \mathbb{M}		desc. node	-1878 Jul 23 j 07:31	5° \mathbb{O} 30'45	
evening max el	-1879 Aug 24 j 23:33	10° \mathbb{M} 28'35	25°26'44	evening max el	-1878 Aug 07 j 11:04	24° \mathbb{O} 02'34	26°29'13
retrograde	-1879 Sep 06 j 01:06	17° \mathbb{M} 26'14			-1878 Aug 15 j 08:59	0° \mathbb{M}	
evening set	-1879 Sep 12 j 00:15	14° \mathbb{M} 54'16		retrograde	-1878 Aug 20 j 06:53	1° \mathbb{M} 16'04	
min. Earth dist.	-1879 Sep 16 j 09:44	9° \mathbb{M} 59'46	0.66914 AU		-1878 Aug 24 j 18:46	30° \mathbb{R} \mathbb{O}	
inferior conj	-1879 Sep 17 j 11:30	8° \mathbb{M} 36'18	-1°20'32	evening set	-1878 Aug 26 j 19:51	28° \mathbb{O} 32'31	
minimum elong	-1879 Sep 17 j 13:28	8° \mathbb{M} 29'56	1°19'44	min. Earth dist.	-1878 Aug 30 j 21:36	24° \mathbb{O} 15'36	0.66101 AU
asc. node	-1879 Sep 21 j 10:36	3° \mathbb{M} 58'37		inferior conj	-1878 Sep 01 j 11:18	22° \mathbb{O} 20'56	-2°14'06
morning rise	-1879 Sep 23 j 02:50	2° \mathbb{M} 37'51		minimum elong	-1878 Sep 01 j 14:31	22° \mathbb{O} 11'10	2°12'54
direct	-1879 Sep 26 j 12:12	1° \mathbb{M} 31'17		morning rise	-1878 Sep 07 j 09:30	16° \mathbb{O} 33'39	
morning max el	-1879 Oct 03 j 18:29	5° \mathbb{M} 39'59	19°30'11	asc. node	-1878 Sep 08 j 07:41	16° \mathbb{O} 06'47	
	-1879 Oct 21 j 06:03	0° \mathbb{A}					

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

direct	-1878 Sep 10 j 10:12	15° Ω 41'37			-1877 Aug 26 j 21:03	0° Ω	
morning max el	-1878 Sep 17 j 04:16	19° Ω 27'04	18°41'33	morning max el	-1877 Aug 31 j 18:09	3° Ω 16'25	18°09'37
	-1878 Sep 25 j 05:50	0° \mathbb{N}			-1877 Sep 18 j 11:45	0° \mathbb{N}	
morning set	-1878 Oct 07 j 22:29	19° \mathbb{N} 59'40		morning set	-1877 Sep 18 j 23:55	0° \mathbb{N} 50'46	
	-1878 Oct 14 j 05:20	0° $\underline{\Omega}$					
desc. node	-1878 Oct 19 j 06:57	8° $\underline{\Omega}$ 00'38		superior conj	-1877 Oct 03 j 01:26	23° \mathbb{N} 49'38	0°20'03
				minimum elong	-1877 Oct 03 j 03:52	23° \mathbb{N} 59'21	0°19'44
superior conj	-1878 Oct 23 j 21:04	15° $\underline{\Omega}$ 14'15	-0°29'20	desc. node	-1877 Oct 06 j 03:55	28° \mathbb{N} 45'47	
minimum elong	-1878 Oct 23 j 17:12	14° $\underline{\Omega}$ 59'04	0°28'50		-1877 Oct 06 j 22:41	0° $\underline{\Omega}$	
max. Earth dist.	-1878 Oct 23 j 23:24	15° $\underline{\Omega}$ 23'24	1.44933 AU	max. Earth dist.	-1877 Oct 06 j 18:06	29° \mathbb{N} 41'53	1.44695 AU
	-1878 Nov 02 j 05:44	0° \mathbb{N}		evening rise	-1877 Oct 19 j 14:36	19° $\underline{\Omega}$ 47'36	
evening rise	-1878 Nov 08 j 19:14	10° \mathbb{N} 26'12			-1877 Oct 26 j 05:07	0° \mathbb{N}	
	-1878 Nov 21 j 03:25	0° \mathbb{N}		greatest brilliancy	-1877 Nov 01 j 10:51	9° \mathbb{N} 30'00	-0.7m
evening max el	-1878 Nov 30 j 13:03	12° \mathbb{N} 38'55	18°57'57	evening max el	-1877 Nov 13 j 19:46	26° \mathbb{N} 05'49	19°47'36
asc. node	-1878 Dec 05 j 06:53	16° \mathbb{N} 07'57			-1877 Nov 19 j 01:20	0° \mathbb{N}	
retrograde	-1878 Dec 07 j 09:52	16° \mathbb{N} 32'55		retrograde	-1877 Nov 21 j 06:50	0° \mathbb{N} 26'56	
evening set	-1878 Dec 10 j 14:46	15° \mathbb{N} 33'44		asc. node	-1877 Nov 22 j 03:55	0° \mathbb{N} 22'30	
inferior conj	-1878 Dec 16 j 07:58	9° \mathbb{N} 47'44	3°11'13		-1877 Nov 23 j 10:28	30° \mathbb{N}	
minimum elong	-1878 Dec 16 j 05:02	9° \mathbb{N} 56'51	3°10'28	evening set	-1877 Nov 24 j 19:26	29° \mathbb{N} 14'16	
min. Earth dist.	-1878 Dec 17 j 21:38	7° \mathbb{N} 50'50	0.65489 AU	inferior conj	-1877 Nov 30 j 07:54	23° \mathbb{N} 14'26	2°33'01
morning rise	-1878 Dec 21 j 19:01	3° \mathbb{N} 39'00		minimum elong	-1877 Nov 30 j 05:03	23° \mathbb{N} 23'49	2°32'06
direct	-1878 Dec 28 j 08:28	0° \mathbb{N} 48'32		min. Earth dist.	-1877 Dec 01 j 07:59	21° \mathbb{N} 55'04	0.66507 AU
morning max el	-1877 Jan 10 j 07:19	8° \mathbb{N} 22'41	26°40'49	morning rise	-1877 Dec 05 j 14:29	17° \mathbb{N} 01'52	
desc. node	-1877 Jan 15 j 06:16	13° \mathbb{N} 49'28		direct	-1877 Dec 11 j 14:32	14° \mathbb{N} 23'05	
	-1877 Jan 27 j 06:05	0° \mathbb{N}		morning max el	-1877 Dec 23 j 16:20	21° \mathbb{N} 32'27	25°30'11
	-1877 Feb 14 j 02:47	0° \approx			-1877 Dec 31 j 01:45	0° \mathbb{N}	
morning set	-1877 Feb 15 j 06:11	2° \approx 09'16		desc. node	-1876 Jan 02 j 03:17	2° \mathbb{N} 39'14	
max. Earth dist.	-1877 Feb 19 j 13:11	10° \approx 30'48	1.34682 AU		-1876 Jan 20 j 11:41	0° \mathbb{N}	
				morning set	-1876 Jan 28 j 22:54	14° \mathbb{N} 41'02	
superior conj	-1877 Feb 23 j 20:00	19° \approx 13'34	-1°11'18	max. Earth dist.	-1876 Feb 01 j 17:30	21° \mathbb{N} 40'50	1.36293 AU
minimum elong	-1877 Feb 23 j 23:06	19° \approx 29'37	1°10'50		-1876 Feb 06 j 00:51	0° \approx	
	-1877 Feb 28 j 23:42	0° \mathbb{N}					
evening rise	-1877 Mar 03 j 09:26	5° \mathbb{N} 00'53		superior conj	-1876 Feb 07 j 12:22	2° \approx 56'06	-1°33'12
asc. node	-1877 Mar 03 j 06:14	4° \mathbb{N} 44'23		minimum elong	-1876 Feb 07 j 15:53	3° \approx 13'39	1°32'49
	-1877 Mar 17 j 09:39	0° \mathbb{N}		evening rise	-1876 Feb 15 j 14:25	19° \approx 20'05	
evening max el	-1877 Mar 22 j 19:55	6° \mathbb{N} 19'45	21°04'50	asc. node	-1876 Feb 18 j 03:15	24° \approx 24'43	
retrograde	-1877 Apr 03 j 11:05	11° \mathbb{N} 55'42			-1876 Feb 21 j 00:53	0° \mathbb{N}	
evening set	-1877 Apr 05 j 19:10	11° \mathbb{N} 42'59		evening max el	-1876 Mar 04 j 06:07	17° \mathbb{N} 50'57	19°51'27
desc. node	-1877 Apr 13 j 05:20	8° \mathbb{N} 46'56		retrograde	-1876 Mar 14 j 04:29	22° \mathbb{N} 35'29	
inferior conj	-1877 Apr 15 j 01:59	7° \mathbb{N} 44'34	-0°31'33	evening set	-1876 Mar 16 j 09:23	22° \mathbb{N} 22'30	
minimum elong	-1877 Apr 15 j 00:30	7° \mathbb{N} 46'40	0°31'02	inferior conj	-1876 Mar 25 j 02:20	18° \mathbb{N} 20'50	1°22'28
min. Earth dist.	-1877 Apr 15 j 18:12	7° \mathbb{N} 21'38	0.55091 AU	minimum elong	-1876 Mar 25 j 05:42	18° \mathbb{N} 15'37	1°21'21
morning rise	-1877 Apr 24 j 05:32	3° \mathbb{N} 38'27		min. Earth dist.	-1876 Mar 27 j 08:18	16° \mathbb{N} 57'46	0.55761 AU
direct	-1877 Apr 27 j 09:43	3° \mathbb{N} 16'34		desc. node	-1876 Mar 30 j 02:24	15° \mathbb{N} 24'12	
morning max el	-1877 May 10 j 06:59	9° \mathbb{N} 27'42	22°31'22	morning rise	-1876 Apr 02 j 23:46	13° \mathbb{N} 47'28	
	-1877 May 25 j 00:34	0° \mathbb{N}		direct	-1876 Apr 07 j 02:13	13° \mathbb{N} 10'14	
asc. node	-1877 May 30 j 05:35	10° \mathbb{N} 03'17		morning max el	-1876 Apr 20 j 23:24	20° \mathbb{N} 05'40	24°11'27
morning set	-1877 Jun 01 j 06:07	14° \mathbb{N} 13'14			-1876 Apr 29 j 08:35	0° \mathbb{N}	
				morning set	-1876 May 15 j 18:02	29° \mathbb{N} 12'54	
superior conj	-1877 Jun 08 j 11:06	29° \mathbb{N} 30'28	1°23'31	asc. node	-1876 May 16 j 02:36	29° \mathbb{N} 58'02	
minimum elong	-1877 Jun 08 j 08:31	29° \mathbb{N} 16'49	1°23'13		-1876 May 16 j 02:59	0° \mathbb{N}	
	-1877 Jun 08 j 16:41	0° \mathbb{N}					
max. Earth dist.	-1877 Jun 11 j 10:07	5° \mathbb{N} 42'33	1.34261 AU	superior conj	-1876 May 22 j 19:06	14° \mathbb{N} 21'27	1°05'07
evening rise	-1877 Jun 16 j 07:42	15° \mathbb{N} 35'28		minimum elong	-1876 May 22 j 16:42	14° \mathbb{N} 08'28	1°04'43
	-1877 Jun 24 j 01:55	0° \mathbb{N}		max. Earth dist.	-1876 May 24 j 13:56	18° \mathbb{N} 11'48	1.33294 AU
desc. node	-1877 Jul 10 j 04:32	24° \mathbb{N} 56'20		evening rise	-1876 May 30 j 04:09	29° \mathbb{N} 51'55	
	-1877 Jul 14 j 03:31	0° \mathbb{N}			-1876 May 30 j 05:45	0° \mathbb{N}	
evening max el	-1877 Jul 20 j 22:48	7° \mathbb{N} 27'38	27°10'57		-1876 Jun 16 j 03:19	0° \mathbb{N}	
retrograde	-1877 Aug 03 j 07:08	14° \mathbb{N} 47'42		desc. node	-1876 Jun 26 j 01:34	13° \mathbb{N} 38'40	
evening set	-1877 Aug 10 j 06:56	12° \mathbb{N} 00'58		evening max el	-1876 Jul 02 j 08:58	20° \mathbb{N} 30'57	27°25'17
min. Earth dist.	-1877 Aug 14 j 01:47	8° \mathbb{N} 21'25	0.64920 AU	retrograde	-1876 Jul 16 j 01:35	27° \mathbb{N} 52'16	
inferior conj	-1877 Aug 16 j 04:42	5° \mathbb{N} 59'06	-3°04'19	evening set	-1876 Jul 23 j 06:15	25° \mathbb{N} 14'09	
minimum elong	-1877 Aug 16 j 08:47	5° \mathbb{N} 47'38	3°03'02	min. Earth dist.	-1876 Jul 26 j 20:28	22° \mathbb{N} 07'25	0.63362 AU
morning rise	-1877 Aug 22 j 11:14	0° \mathbb{N} 26'27		inferior conj	-1876 Jul 29 j 13:00	19° \mathbb{N} 24'56	-3°47'59
	-1877 Aug 23 j 14:23	30° \mathbb{N}		minimum elong	-1876 Jul 29 j 17:14	19° \mathbb{N} 14'14	3°47'00
direct	-1877 Aug 25 j 05:38	29° \mathbb{N} 45'38		morning rise	-1876 Aug 05 j 05:14	14° \mathbb{N} 10'11	
asc. node	-1877 Aug 26 j 04:45	29° \mathbb{N} 50'35		direct	-1876 Aug 07 j 19:36	13° \mathbb{N} 37'42	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

asc. node	-1876 Aug 12 j 01:48	15° ☿ 05'43			-1875 Jul 15 j 08:26	30° ♁ II	
morning max el	-1876 Aug 14 j 09:32	17° ☿ 02'31	17°55'21	morning rise	-1875 Jul 19 j 12:05	27° ♁ 36'41	
	-1876 Aug 23 j 15:14	0° ♁		direct	-1875 Jul 22 j 00:30	27° ♁ 10'13	
morning set	-1876 Aug 31 j 02:17	12° ♁ 53'14			-1875 Jul 28 j 07:04	0° ☿	
	-1876 Sep 10 j 01:00	0° ♁		morning max el	-1875 Jul 28 j 23:29	0° ☿ 38'09	17°59'36
				asc. node	-1875 Jul 29 j 22:52	1° ☿ 38'20	
superior conj	-1876 Sep 12 j 03:49	3° ♁ 32'11	1°01'32	morning set	-1875 Aug 13 j 23:42	25° ☿ 50'14	
minimum elong	-1876 Sep 12 j 09:09	3° ♁ 54'19	1°00'54		-1875 Aug 16 j 06:14	0° ♁	
max. Earth dist.	-1876 Sep 18 j 10:16	13° ♁ 46'20	1.43754 AU				
desc. node	-1876 Sep 22 j 00:56	19° ♁ 31'40		superior conj	-1875 Aug 24 j 09:47	14° ♁ 36'13	1°29'37
evening rise	-1876 Sep 27 j 20:44	28° ♁ 38'02		minimum elong	-1875 Aug 24 j 14:14	14° ♁ 55'39	1°29'15
	-1876 Sep 28 j 17:58	0° ♁		max. Earth dist.	-1875 Aug 31 j 21:02	27° ♁ 17'56	1.42247 AU
	-1876 Oct 19 j 01:45	0° ♁			-1875 Sep 02 j 12:27	0° ♁	
evening max el	-1876 Oct 26 j 20:56	9° ♁ 32'55	20°51'11	evening rise	-1875 Sep 07 j 07:52	7° ♁ 44'28	
retrograde	-1876 Nov 04 j 04:17	14° ♁ 28'08		desc. node	-1875 Sep 08 j 21:57	10° ♁ 14'39	
evening set	-1876 Nov 08 j 02:37	12° ♁ 59'52			-1875 Sep 21 j 23:39	0° ♁	
asc. node	-1876 Nov 08 j 00:57	13° ♁ 02'59		evening max el	-1875 Oct 09 j 16:08	22° ♁ 59'49	22°05'27
inferior conj	-1876 Nov 13 j 12:06	6° ♁ 49'35	1°48'04	retrograde	-1875 Oct 19 j 00:16	28° ♁ 33'07	
minimum elong	-1876 Nov 13 j 09:50	6° ♁ 57'18	1°47'12	evening set	-1875 Oct 23 j 10:27	26° ♁ 47'18	
min. Earth dist.	-1876 Nov 14 j 00:14	6° ♁ 08'07	0.67166 AU	asc. node	-1875 Oct 25 j 22:01	24° ♁ 16'18	
morning rise	-1876 Nov 18 j 16:54	0° ♁ 35'19		inferior conj	-1875 Oct 28 j 18:31	20° ♁ 30'14	0°58'19
	-1876 Nov 19 j 10:00	30° ♁		minimum elong	-1875 Oct 28 j 17:12	20° ♁ 34'48	0°57'46
direct	-1876 Nov 24 j 01:50	28° ♁ 15'11		min. Earth dist.	-1875 Oct 28 j 19:55	20° ♁ 25'24	0.67498 AU
	-1876 Nov 29 j 07:04	0° ♁		morning rise	-1875 Nov 02 j 23:48	14° ♁ 16'46	
morning max el	-1876 Dec 05 j 01:00	4° ♁ 47'37	24°06'20	direct	-1875 Nov 07 j 17:38	12° ♁ 18'21	
desc. node	-1876 Dec 19 j 00:18	22° ♁ 07'39		morning max el	-1875 Nov 17 j 11:32	18° ♁ 06'01	22°39'06
	-1876 Dec 24 j 11:09	0° ♁			-1875 Nov 27 j 08:08	0° ♁	
morning set	-1875 Jan 09 j 17:55	26° ♁ 04'44		desc. node	-1875 Dec 05 j 21:19	12° ♁ 03'17	
	-1875 Jan 11 j 23:53	0° ♁			-1875 Dec 17 j 14:46	0° ♁	
max. Earth dist.	-1875 Jan 13 j 13:52	2° ♁ 48'35	1.38256 AU	morning set	-1875 Dec 21 j 09:18	6° ♁ 05'42	
				max. Earth dist.	-1875 Dec 26 j 09:43	14° ♁ 28'25	1.40357 AU
superior conj	-1875 Jan 20 j 16:48	15° ♁ 58'42	-1°49'57				
minimum elong	-1875 Jan 20 j 19:43	16° ♁ 12'36	1°49'48	superior conj	-1874 Jan 03 j 04:41	28° ♁ 09'20	-1°58'25
	-1875 Jan 27 j 21:30	0° ♁		minimum elong	-1874 Jan 03 j 05:24	28° ♁ 12'36	1°58'27
evening rise	-1875 Jan 29 j 12:50	3° ♁ 13'43			-1874 Jan 04 j 05:02	0° ♁	
asc. node	-1875 Feb 04 j 00:17	13° ♁ 43'59		evening rise	-1874 Jan 13 j 01:42	16° ♁ 34'12	
evening max el	-1875 Feb 15 j 02:48	29° ♁ 58'54	18°57'06		-1874 Jan 20 j 08:47	0° ♁	
	-1875 Feb 15 j 03:16	0° ♁		asc. node	-1874 Jan 21 j 21:19	2° ♁ 34'52	
retrograde	-1875 Feb 23 j 12:47	4° ♁ 01'57		evening max el	-1874 Jan 29 j 07:43	12° ♁ 37'31	18°22'49
evening set	-1875 Feb 25 j 20:59	3° ♁ 44'25		retrograde	-1874 Feb 05 j 15:38	16° ♁ 14'37	
	-1875 Mar 05 j 01:36	30° ♁		evening set	-1874 Feb 08 j 04:14	15° ♁ 50'04	
inferior conj	-1875 Mar 05 j 19:43	29° ♁ 27'58	2°48'28	inferior conj	-1874 Feb 15 j 09:53	11° ♁ 13'24	3°37'58
minimum elong	-1875 Mar 06 j 00:20	29° ♁ 19'43	2°47'20	minimum elong	-1874 Feb 15 j 12:46	11° ♁ 07'25	3°37'34
min. Earth dist.	-1875 Mar 09 j 00:15	27° ♁ 12'36	0.57219 AU	min. Earth dist.	-1874 Feb 18 j 19:54	8° ♁ 24'35	0.59152 AU
morning rise	-1875 Mar 14 j 00:49	24° ♁ 22'35		morning rise	-1874 Feb 22 j 19:01	5° ♁ 43'04	
desc. node	-1875 Mar 16 j 23:27	23° ♁ 29'02		direct	-1874 Mar 01 j 02:36	3° ♁ 57'36	
direct	-1875 Mar 19 j 07:46	23° ♁ 15'42		desc. node	-1874 Mar 03 j 20:30	4° ♁ 16'59	
	-1875 Apr 01 j 21:35	0° ♁		morning max el	-1874 Mar 15 j 09:34	11° ♁ 37'03	26°58'09
morning max el	-1875 Apr 02 j 14:34	0° ♁ 40'10	25°45'22		-1874 Mar 29 j 17:57	0° ♁	
	-1875 Apr 23 j 02:15	0° ♁		morning set	-1874 Apr 14 j 15:53	29° ♁ 06'09	
morning set	-1875 Apr 30 j 05:51	14° ♁ 12'34			-1874 Apr 15 j 02:11	0° ♁	
asc. node	-1875 May 02 j 23:39	20° ♁ 03'21		asc. node	-1874 Apr 19 j 20:42	10° ♁ 14'43	
superior conj	-1875 May 07 j 05:52	29° ♁ 20'17	0°43'32	superior conj	-1874 Apr 21 j 17:39	14° ♁ 20'48	0°19'40
minimum elong	-1875 May 07 j 04:05	29° ♁ 10'29	0°43'11	minimum elong	-1874 Apr 21 j 16:47	14° ♁ 16'02	0°19'29
	-1875 May 07 j 13:08	0° ♁		max. Earth dist.	-1874 Apr 21 j 13:02	13° ♁ 55'27	1.32451 AU
max. Earth dist.	-1875 May 08 j 00:03	0° ♁ 59'32	1.32696 AU	evening rise	-1874 Apr 28 j 16:23	29° ♁ 21'43	
evening rise	-1875 May 14 j 07:54	14° ♁ 30'11			-1874 Apr 28 j 23:41	0° ♁	
	-1875 May 22 j 06:51	0° ♁			-1874 May 15 j 15:26	0° ♁	
	-1875 Jun 11 j 16:41	0° ☿		evening max el	-1874 May 27 j 15:40	14° ♁ 48'09	26°17'35
desc. node	-1875 Jun 12 j 22:37	1° ☿ 19'25		desc. node	-1874 May 30 j 19:40	17° ♁ 33'17	
evening max el	-1875 Jun 14 j 15:13	3° ☿ 00'15	27°07'41	retrograde	-1874 Jun 10 j 17:12	22° ♁ 04'03	
retrograde	-1875 Jun 28 j 13:27	10° ☿ 20'05		evening set	-1874 Jun 17 j 01:06	20° ♁ 24'20	
evening set	-1875 Jul 05 j 13:44	8° ☿ 04'58		min. Earth dist.	-1874 Jun 21 j 04:45	17° ♁ 44'40	0.59440 AU
min. Earth dist.	-1875 Jul 09 j 05:05	5° ☿ 19'55	0.61484 AU	inferior conj	-1874 Jun 24 j 13:21	15° ♁ 08'34	-4°33'03
inferior conj	-1875 Jul 12 j 09:03	2° ☿ 30'50	-4°20'08	minimum elong	-1874 Jun 24 j 13:29	15° ♁ 08'18	4°33'02
minimum elong	-1875 Jul 12 j 12:07	2° ☿ 24'00	4°19'43	morning rise	-1874 Jul 02 j 04:08	10° ♁ 36'17	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

direct	-1874 Jul 04 j 16:19	10° Π 14'09		evening set	-1873 May 28 j 13:55	2° Π 00'17	
morning max el	-1874 Jul 12 j 09:07	13° Π 55'49	18°23'22		-1873 Jun 01 j 13:30	30° \mathbb{R}	
asc. node	-1874 Jul 16 j 19:57	19° Π 13'32		min. Earth dist.	-1873 Jun 02 j 21:44	29° \mathbb{B} 09'27	0.57482 AU
	-1874 Jul 23 j 09:39	0° \mathfrak{C}		inferior conj	-1873 Jun 05 j 22:29	27° \mathbb{B} 07'31	-4°16'00
morning set	-1874 Jul 28 j 11:04	9° \mathfrak{C} 29'03		minimum elong	-1873 Jun 05 j 18:30	27° \mathbb{B} 14'17	4°15'29
				morning rise	-1873 Jun 14 j 01:54	22° \mathbb{B} 56'02	
superior conj	-1874 Aug 06 j 15:58	26° \mathfrak{C} 52'51	1°44'25	direct	-1873 Jun 16 j 14:51	22° \mathbb{B} 37'09	
minimum elong	-1874 Aug 06 j 18:04	27° \mathfrak{C} 02'31	1°44'21	morning max el	-1873 Jun 25 j 11:22	26° \mathbb{B} 45'12	19°07'41
	-1874 Aug 08 j 08:56	0° \mathcal{O}			-1873 Jun 28 j 11:16	0° Π	
max. Earth dist.	-1874 Aug 14 j 02:24	10° \mathcal{O} 08'12	1.40381 AU	asc. node	-1873 Jul 03 j 17:02	7° Π 36'32	
evening rise	-1874 Aug 18 j 15:51	17° \mathcal{O} 50'33		morning set	-1873 Jul 12 j 08:20	23° Π 38'22	
	-1874 Aug 26 j 05:45	0° \mathfrak{M}			-1873 Jul 15 j 13:15	0° \mathfrak{C}	
desc. node	-1874 Aug 26 j 18:59	0° \mathfrak{M} 51'21					
	-1874 Sep 16 j 11:57	0° \mathfrak{L}		superior conj	-1873 Jul 20 j 16:36	10° \mathfrak{C} 05'33	1°48'13
evening max el	-1874 Sep 22 j 06:33	6° \mathfrak{L} 28'53	23°25'23	minimum elong	-1873 Jul 20 j 16:29	10° \mathfrak{C} 04'57	1°48'16
retrograde	-1874 Oct 02 j 17:21	12° \mathfrak{L} 39'28		max. Earth dist.	-1873 Jul 27 j 05:06	22° \mathfrak{C} 19'18	1.38399 AU
evening set	-1874 Oct 07 j 17:15	10° \mathfrak{L} 34'56		evening rise	-1873 Jul 31 j 01:20	29° \mathfrak{C} 09'37	
min. Earth dist.	-1874 Oct 12 j 16:31	4° \mathfrak{L} 45'11	0.67521 AU		-1873 Jul 31 j 12:55	0° \mathcal{O}	
asc. node	-1874 Oct 12 j 19:05	4° \mathfrak{L} 36'23		desc. node	-1873 Aug 13 j 16:01	21° \mathcal{O} 16'51	
inferior conj	-1874 Oct 13 j 01:23	4° \mathfrak{L} 14'48	0°05'26		-1873 Aug 19 j 14:49	0° \mathfrak{M}	
minimum elong	-1874 Oct 13 j 01:15	4° \mathfrak{L} 15'14	0°05'22	evening max el	-1873 Sep 04 j 18:17	20° \mathfrak{M} 00'58	24°44'33
transit middle	-1874 Oct 13 j 01:15	4° \mathfrak{L} 15'14	0°05'22	retrograde	-1873 Sep 16 j 06:30	26° \mathfrak{M} 43'29	
transit begin	-1874 Oct 12 j 22:42	4° \mathfrak{L} 24'00		evening set	-1873 Sep 21 j 21:15	24° \mathfrak{M} 20'40	
transit end	-1874 Oct 13 j 03:48	4° \mathfrak{L} 06'29		min. Earth dist.	-1873 Sep 26 j 11:32	19° \mathfrak{M} 05'31	0.67231 AU
	-1874 Oct 16 j 08:57	30° \mathbb{R} \mathfrak{M}		inferior conj	-1873 Sep 27 j 06:56	18° \mathfrak{M} 01'04	-0°49'04
morning rise	-1874 Oct 18 j 09:10	28° \mathfrak{M} 04'55		minimum elong	-1873 Sep 27 j 08:07	17° \mathfrak{M} 57'06	0°48'34
direct	-1874 Oct 22 j 12:59	26° \mathfrak{M} 28'19		asc. node	-1873 Sep 29 j 16:09	14° \mathfrak{M} 58'17	
	-1874 Oct 29 j 13:08	0° \mathfrak{L}		morning rise	-1873 Oct 02 j 19:01	11° \mathfrak{M} 57'46	
morning max el	-1874 Oct 31 j 03:21	1° \mathfrak{L} 31'27	21°16'47	direct	-1873 Oct 06 j 10:34	10° \mathfrak{M} 41'04	
	-1874 Nov 21 j 05:37	0° \mathfrak{M}		morning max el	-1873 Oct 14 j 02:36	15° \mathfrak{M} 06'40	20°05'12
desc. node	-1874 Nov 22 j 18:21	2° \mathfrak{M} 18'29			-1873 Oct 25 j 13:50	0° \mathfrak{L}	
morning set	-1874 Nov 30 j 20:43	14° \mathfrak{M} 48'08		morning set	-1873 Nov 09 j 18:00	22° \mathfrak{L} 57'34	
max. Earth dist.	-1874 Dec 08 j 12:04	27° \mathfrak{M} 03'52	1.42308 AU	desc. node	-1873 Nov 09 j 15:24	22° \mathfrak{L} 47'30	
	-1874 Dec 10 j 06:48	0° \mathfrak{X}			-1873 Nov 14 j 06:37	0° \mathfrak{M}	
				max. Earth dist.	-1873 Nov 20 j 22:27	10° \mathfrak{M} 31'46	1.43828 AU
superior conj	-1874 Dec 15 j 18:30	9° \mathfrak{X} 14'59	-1°54'35				
minimum elong	-1874 Dec 15 j 15:18	9° \mathfrak{X} 01'16	1°54'28	superior conj	-1873 Nov 26 j 05:36	19° \mathfrak{M} 05'20	-1°34'22
evening rise	-1874 Dec 27 j 01:26	29° \mathfrak{X} 14'06		minimum elong	-1873 Nov 25 j 22:29	18° \mathfrak{M} 36'17	1°33'47
	-1874 Dec 27 j 11:34	0° \mathfrak{Z}			-1873 Dec 02 j 19:33	0° \mathfrak{X}	
asc. node	-1873 Jan 08 j 18:21	20° \mathfrak{Z} 48'36		evening rise	-1873 Dec 09 j 07:45	11° \mathfrak{X} 05'19	
evening max el	-1873 Jan 12 j 17:53	25° \mathfrak{Z} 38'15	18°08'22		-1873 Dec 20 j 13:31	0° \mathfrak{Z}	
retrograde	-1873 Jan 19 j 11:01	29° \mathfrak{Z} 04'51		asc. node	-1873 Dec 26 j 15:24	8° \mathfrak{Z} 14'07	
evening set	-1873 Jan 22 j 03:32	28° \mathfrak{Z} 31'59		evening max el	-1873 Dec 27 j 06:21	8° \mathfrak{Z} 53'16	18°13'14
inferior conj	-1873 Jan 28 j 19:11	23° \mathfrak{Z} 33'42	3°55'59	retrograde	-1872 Jan 02 j 18:38	12° \mathfrak{Z} 22'30	
minimum elong	-1873 Jan 28 j 19:33	23° \mathfrak{Z} 32'50	3°55'56	evening set	-1872 Jan 05 j 15:04	11° \mathfrak{Z} 40'30	
min. Earth dist.	-1873 Jan 31 j 21:56	20° \mathfrak{Z} 36'03	0.61216 AU	inferior conj	-1872 Jan 11 j 19:55	6° \mathfrak{Z} 21'41	3°50'43
morning rise	-1873 Feb 04 j 10:11	17° \mathfrak{Z} 46'38		minimum elong	-1872 Jan 11 j 18:18	6° \mathfrak{Z} 26'02	3°50'32
direct	-1873 Feb 11 j 07:55	15° \mathfrak{Z} 25'57		min. Earth dist.	-1872 Jan 14 j 09:04	3° \mathfrak{Z} 37'07	0.63126 AU
desc. node	-1873 Feb 18 j 17:34	17° \mathfrak{Z} 47'50		morning rise	-1872 Jan 17 j 20:49	0° \mathfrak{Z} 23'26	
morning max el	-1873 Feb 25 j 10:44	23° \mathfrak{Z} 12'07	27°38'36		-1872 Jan 18 j 09:20	30° \mathbb{R} \mathfrak{X}	
	-1873 Mar 03 j 12:59	0° \mathfrak{A}		direct	-1872 Jan 24 j 21:35	27° \mathfrak{X} 39'41	
	-1873 Mar 22 j 21:07	0° \mathfrak{H}			-1872 Feb 01 j 00:32	0° \mathfrak{Z}	
morning set	-1873 Mar 29 j 22:13	13° \mathfrak{H} 46'08		desc. node	-1872 Feb 05 j 14:36	3° \mathfrak{Z} 28'26	
max. Earth dist.	-1873 Apr 05 j 01:07	26° \mathfrak{H} 45'39	1.32564 AU	morning max el	-1872 Feb 07 j 17:23	5° \mathfrak{Z} 27'45	27°42'25
					-1872 Feb 26 j 07:53	0° \mathfrak{A}	
superior conj	-1873 Apr 06 j 04:43	29° \mathfrak{H} 15'59	-0°05'44	morning set	-1872 Mar 12 j 22:34	28° \mathfrak{A} 04'55	
minimum elong	-1873 Apr 06 j 04:59	29° \mathfrak{H} 17'24	0°05'40		-1872 Mar 13 j 21:22	0° \mathfrak{H}	
behind sun begin	-1873 Apr 06 j 00:13	28° \mathfrak{H} 51'25		max. Earth dist.	-1872 Mar 18 j 08:22	9° \mathfrak{H} 16'27	1.33055 AU
behind sun end	-1873 Apr 06 j 09:45	29° \mathfrak{H} 43'23					
asc. node	-1873 Apr 06 j 17:44	0° \mathfrak{Y} 27'03		superior conj	-1872 Mar 20 j 13:23	14° \mathfrak{H} 00'04	-0°31'44
	-1873 Apr 06 j 12:47	0° \mathfrak{Y}		minimum elong	-1872 Mar 20 j 14:52	14° \mathfrak{H} 07'59	0°31'25
evening rise	-1873 Apr 13 j 03:25	14° \mathfrak{Y} 18'03		asc. node	-1872 Mar 23 j 14:47	20° \mathfrak{H} 36'28	
	-1873 Apr 21 j 01:37	0° \mathbb{B}		evening rise	-1872 Mar 27 j 15:12	29° \mathfrak{H} 12'30	
evening max el	-1873 May 09 j 09:51	25° \mathbb{B} 54'10	25°00'17		-1872 Mar 28 j 00:14	0° \mathfrak{Y}	
	-1873 May 14 j 11:15	0° Π			-1872 Apr 14 j 05:53	0° \mathbb{B}	
desc. node	-1873 May 17 j 16:43	1° Π 45'35		evening max el	-1872 Apr 20 j 00:57	6° \mathbb{B} 34'19	23°27'34
retrograde	-1873 May 23 j 10:13	3° Π 01'13		retrograde	-1872 May 03 j 14:50	13° \mathbb{B} 20'25	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

desc. node	-1872 May 03 j 13:44	13° 8 20'25		desc. node	-1871 Apr 20 j 10:45	22° 9 04'52	
evening set	-1872 May 07 j 08:56	12° 8 49'27		inferior conj	-1871 Apr 26 j 09:39	19° 9 02'51	-1°39'23
min. Earth dist.	-1872 May 14 j 11:28	9° 8 34'15	0.55937 AU	minimum elong	-1871 Apr 26 j 05:08	19° 9 09'13	1°37'51
inferior conj	-1872 May 16 j 11:33	8° 8 22'47	-3°18'11	min. Earth dist.	-1871 Apr 26 j 00:51	19° 9 15'14	0.55129 AU
minimum elong	-1872 May 16 j 04:56	8° 8 32'41	3°16'30	morning rise	-1871 May 05 j 11:22	15° 9 05'20	
morning rise	-1872 May 25 j 03:43	4° 8 25'44		direct	-1871 May 08 j 07:29	14° 9 47'25	
direct	-1872 May 27 j 18:15	4° 8 08'57		morning max el	-1871 May 20 j 09:21	20° 9 28'36	21°36'42
morning max el	-1872 Jun 07 j 03:48	8° 8 57'48	20°12'46		-1871 May 28 j 06:23	0° 8	
asc. node	-1872 Jun 19 j 14:06	26° 8 35'58		asc. node	-1871 Jun 06 j 11:09	16° 8 02'43	
	-1872 Jun 21 j 09:33	0° II		morning set	-1871 Jun 09 j 21:09	22° 8 57'59	
morning set	-1872 Jun 25 j 12:28	8° II 10'14			-1871 Jun 13 j 05:48	0° II	
superior conj	-1872 Jul 03 j 06:33	23° II 59'58	1°43'30	superior conj	-1871 Jun 17 j 05:50	8° II 24'10	1°32'18
minimum elong	-1872 Jul 03 j 04:54	23° II 51'39	1°43'27	minimum elong	-1871 Jun 17 j 03:24	8° II 11'30	1°32'04
	-1872 Jul 06 j 06:58	0° III		max. Earth dist.	-1871 Jun 20 j 22:58	16° II 01'49	1.34981 AU
max. Earth dist.	-1872 Jul 08 j 10:10	4° III 08'22	1.36541 AU	evening rise	-1871 Jun 25 j 11:32	24° II 56'07	
evening rise	-1872 Jul 12 j 09:35	11° III 35'50			-1871 Jun 28 j 04:06	0° III	
	-1872 Jul 23 j 02:29	0° III			-1871 Jul 16 j 14:02	0° III	
desc. node	-1872 Jul 30 j 13:02	11° III 25'33		desc. node	-1871 Jul 17 j 10:02	1° III 10'03	
	-1872 Aug 13 j 19:11	0° III		evening max el	-1871 Jul 30 j 16:49	17° III 05'42	26°49'54
evening max el	-1872 Aug 17 j 05:20	3° III 34'46	25°55'20	retrograde	-1871 Aug 12 j 18:47	24° III 23'47	
retrograde	-1872 Aug 29 j 15:07	10° III 40'17		evening set	-1871 Aug 19 j 12:53	21° III 37'21	
evening set	-1872 Sep 04 j 20:32	8° III 02'18		min. Earth dist.	-1871 Aug 23 j 11:24	17° III 36'44	0.65639 AU
min. Earth dist.	-1872 Sep 09 j 02:35	3° III 23'58	0.66613 AU	inferior conj	-1871 Aug 25 j 06:42	15° III 29'18	-2°36'02
inferior conj	-1872 Sep 10 j 09:21	1° III 46'44	-1°43'33	minimum elong	-1871 Aug 25 j 10:21	15° III 18'34	2°34'44
minimum elong	-1872 Sep 10 j 11:52	1° III 38'47	1°42'32	morning rise	-1871 Aug 31 j 08:19	9° III 48'04	
	-1872 Sep 11 j 19:44	30° III 0		asc. node	-1871 Sep 02 j 10:19	9° III 05'05	
asc. node	-1872 Sep 15 j 13:14	26° III 16'46		direct	-1871 Sep 03 j 05:56	9° III 01'22	
morning rise	-1872 Sep 16 j 03:26	25° III 52'58		morning max el	-1871 Sep 09 j 20:59	12° III 39'47	18°25'54
direct	-1872 Sep 19 j 08:50	24° III 53'04			-1871 Sep 22 j 04:11	0° III	
morning max el	-1872 Sep 26 j 09:03	28° III 50'30	19°07'35	morning set	-1871 Sep 29 j 10:22	11° III 46'20	
	-1872 Sep 27 j 11:09	0° III			-1871 Oct 10 j 18:31	0° III	
	-1872 Oct 17 j 22:59	0° III		desc. node	-1871 Oct 13 j 09:25	4° III 09'05	
morning set	-1872 Oct 19 j 01:11	1° III 42'44		superior conj	-1871 Oct 14 j 15:29	6° III 07'45	-0°08'07
desc. node	-1872 Oct 26 j 12:24	13° III 25'23		minimum elong	-1871 Oct 14 j 14:25	6° III 03'32	0°07'58
max. Earth dist.	-1872 Nov 02 j 14:15	24° III 32'55	1.44727 AU	behind sun begin	-1871 Oct 14 j 04:29	5° III 24'22	
superior conj	-1872 Nov 04 j 15:34	27° III 47'40	-0°56'44	behind sun end	-1871 Oct 15 j 00:20	6° III 42'41	
minimum elong	-1872 Nov 04 j 08:47	27° III 20'52	0°55'56	max. Earth dist.	-1871 Oct 16 j 08:22	8° III 48'53	1.44913 AU
	-1872 Nov 06 j 00:58	0° III			-1871 Oct 29 j 20:04	0° III	
evening rise	-1872 Nov 19 j 16:09	21° III 58'35		evening rise	-1871 Oct 31 j 00:15	1° III 50'48	
	-1872 Nov 24 j 13:34	0° III		greatest brilliancy	-1871 Nov 10 j 04:13	17° III 47'01	-0.8m
evening max el	-1872 Dec 09 j 18:20	22° III 15'27	18°36'36		-1871 Nov 18 j 10:54	0° III	
asc. node	-1872 Dec 12 j 12:27	24° III 36'58		evening max el	-1871 Nov 23 j 03:32	5° III 41'27	19°17'13
retrograde	-1872 Dec 16 j 10:04	25° III 58'08		asc. node	-1871 Nov 29 j 09:29	9° III 42'20	
evening set	-1872 Dec 19 j 11:22	25° III 05'48		retrograde	-1871 Nov 30 j 05:49	9° III 46'23	
inferior conj	-1872 Dec 25 j 08:08	19° III 28'51	3°29'06	evening set	-1871 Dec 03 j 13:39	8° III 41'55	
minimum elong	-1872 Dec 25 j 05:27	19° III 36'50	3°28'34	inferior conj	-1871 Dec 09 j 04:37	2° III 49'43	2°55'59
min. Earth dist.	-1872 Dec 27 j 06:13	17° III 12'00	0.64727 AU	minimum elong	-1871 Dec 09 j 01:39	2° III 59'12	2°55'09
morning rise	-1872 Dec 30 j 23:08	13° III 22'58		min. Earth dist.	-1871 Dec 10 j 12:22	1° III 08'15	0.65964 AU
direct	-1871 Jan 06 j 18:20	10° III 30'55			-1871 Dec 11 j 10:18	30° III	
morning max el	-1871 Jan 20 j 02:49	18° III 13'58	27°11'41	morning rise	-1871 Dec 14 j 13:22	26° III 38'49	
desc. node	-1871 Jan 22 j 11:39	20° III 42'43		direct	-1871 Dec 20 j 21:27	23° III 51'58	
	-1871 Jan 30 j 01:59	0° III			-1870 Jan 01 j 04:13	0° III	
	-1871 Feb 18 j 05:19	0° III		morning max el	-1870 Jan 02 j 12:21	1° III 18'07	26°12'58
morning set	-1871 Feb 24 j 13:58	11° III 52'21		desc. node	-1870 Jan 09 j 08:42	9° III 03'33	
max. Earth dist.	-1871 Mar 01 j 06:44	21° III 15'11	1.33959 AU		-1870 Jan 24 j 03:26	0° III	
superior conj	-1871 Mar 04 j 17:41	28° III 26'06	-0°57'18	morning set	-1870 Feb 07 j 16:27	24° III 56'12	
minimum elong	-1871 Mar 04 j 20:16	28° III 39'45	0°56'51		-1870 Feb 10 j 08:37	0° III	
	-1871 Mar 05 j 11:29	0° III		max. Earth dist.	-1870 Feb 11 j 17:15	2° III 38'02	1.35312 AU
asc. node	-1871 Mar 10 j 11:48	10° III 38'12		superior conj	-1870 Feb 16 j 15:15	12° III 27'06	-1°21'04
evening rise	-1871 Mar 12 j 01:51	13° III 58'04		minimum elong	-1870 Feb 16 j 18:37	12° III 44'18	1°20'37
	-1871 Mar 20 j 06:57	0° III		evening rise	-1870 Feb 24 j 09:30	28° III 28'38	
evening max el	-1871 Apr 01 j 19:39	17° III 17'24	21°54'05	asc. node	-1870 Feb 25 j 08:49	0° III 27'48	
retrograde	-1871 Apr 14 j 08:23	23° III 23'33			-1870 Feb 25 j 03:22	0° III	
evening set	-1871 Apr 17 j 00:04	23° III 07'50		evening max el	-1870 Mar 14 j 23:42	28° III 28'32	20°31'28

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1870 Mar 16 j 17:10	0°♿		asc. node	-1869 Feb 12 j 05:50	20°≈00'09	
retrograde	-1870 Mar 25 j 21:54	3°♿41'57			-1869 Feb 17 j 19:22	0°♿	
evening set	-1870 Mar 28 j 03:02	3°♿29'58		evening max el	-1869 Feb 25 j 14:44	10°♿16'55	19°26'02
	-1870 Apr 05 j 10:01	30°♿♿		retrograde	-1869 Mar 06 j 20:19	14°♿41'33	
inferior conj	-1870 Apr 06 j 05:04	29°♿32'23	0°18'50	evening set	-1869 Mar 09 j 02:26	14°♿26'58	
minimum elong	-1870 Apr 06 j 05:56	29°♿31'08	0°18'31	inferior conj	-1869 Mar 17 j 11:47	10°♿20'20	2°03'16
desc. node	-1870 Apr 07 j 07:49	28°♿53'27		minimum elong	-1869 Mar 17 j 16:11	10°♿13'09	2°01'57
min. Earth dist.	-1870 Apr 07 j 14:53	28°♿43'13	0.55263 AU	min. Earth dist.	-1869 Mar 20 j 05:41	8°♿33'23	0.56301 AU
morning rise	-1870 Apr 15 j 07:27	25°♿15'41		desc. node	-1869 Mar 25 j 04:52	5°♿54'12	
direct	-1870 Apr 18 j 19:44	24°♿48'49		morning rise	-1869 Mar 26 j 03:13	5°♿33'19	
	-1870 Apr 30 j 17:02	0°♿		direct	-1869 Mar 30 j 17:55	4°♿44'54	
morning max el	-1870 May 02 j 05:18	1°♿21'20	23°13'42	morning max el	-1869 Apr 13 j 20:17	11°♿54'29	24°52'58
	-1870 May 21 j 11:09	0°♿			-1869 Apr 27 j 16:38	0°♿	
asc. node	-1870 May 24 j 08:11	5°♿49'06		morning set	-1869 May 09 j 20:29	22°♿56'03	
morning set	-1870 May 25 j 08:22	7°♿55'01		asc. node	-1869 May 11 j 05:13	25°♿49'28	
					-1869 May 13 j 03:49	0°♿	
superior conj	-1870 Jun 01 j 11:21	23°♿07'50	1°16'10				
minimum elong	-1870 Jun 01 j 08:47	22°♿54'08	1°15'48	superior conj	-1869 May 16 j 20:48	8°♿03'37	0°56'18
max. Earth dist.	-1870 Jun 03 j 21:37	28°♿17'00	1.33801 AU	minimum elong	-1869 May 16 j 18:36	7°♿51'43	0°55'56
	-1870 Jun 04 j 17:17	0°♿		max. Earth dist.	-1869 May 18 j 04:42	10°♿56'32	1.33002 AU
evening rise	-1870 Jun 09 j 02:23	8°♿56'00		evening rise	-1869 May 24 j 02:23	23°♿23'55	
	-1870 Jun 20 j 14:41	0°♿			-1869 May 27 j 09:45	0°♿	
desc. node	-1870 Jul 04 j 07:04	20°♿19'20			-1869 Jun 14 j 08:47	0°♿	
	-1870 Jul 12 j 18:29	0°♿		desc. node	-1869 Jun 21 j 04:05	8°♿38'28	
evening max el	-1870 Jul 13 j 04:09	0°♿23'20	27°20'48	evening max el	-1869 Jun 25 j 13:16	13°♿14'58	27°21'51
retrograde	-1870 Jul 26 j 16:51	7°♿44'59		retrograde	-1869 Jul 09 j 08:30	20°♿35'04	
evening set	-1870 Aug 02 j 19:25	5°♿00'26		evening set	-1869 Jul 16 j 12:32	18°♿05'24	
min. Earth dist.	-1870 Aug 06 j 11:53	1°♿35'29	0.64295 AU	min. Earth dist.	-1869 Jul 20 j 02:27	15°♿09'17	0.62602 AU
	-1870 Aug 07 j 23:38	30°♿♿		inferior conj	-1869 Jul 23 j 00:09	12°♿22'19	-4°03'24
inferior conj	-1870 Aug 08 j 20:36	29°♿03'20	-3°23'55	minimum elong	-1869 Jul 23 j 04:05	12°♿12'52	4°02'39
minimum elong	-1870 Aug 09 j 00:52	28°♿51'50	3°22'43	morning rise	-1869 Jul 29 j 20:49	7°♿15'41	
morning rise	-1870 Aug 15 j 07:06	23°♿37'45		direct	-1869 Aug 01 j 10:10	6°♿45'54	
direct	-1870 Aug 17 j 23:24	23°♿00'55		asc. node	-1869 Aug 07 j 04:26	9°♿19'02	
asc. node	-1870 Aug 20 j 07:22	23°♿28'57		morning max el	-1869 Aug 08 j 02:53	10°♿10'54	17°54'44
morning max el	-1870 Aug 24 j 11:49	26°♿28'31	18°01'18		-1869 Aug 21 j 06:26	0°♿	
	-1870 Aug 27 j 12:29	0°♿		morning set	-1869 Aug 24 j 10:17	5°♿37'44	
morning set	-1870 Sep 10 j 23:05	23°♿09'46					
	-1870 Sep 14 j 23:58	0°♿		superior conj	-1869 Sep 04 j 17:42	25°♿24'15	1°15'10
superior conj	-1870 Sep 24 j 03:36	15°♿07'17	0°39'07	minimum elong	-1869 Sep 04 j 22:59	25°♿46'41	1°14'37
minimum elong	-1870 Sep 24 j 07:50	15°♿24'25	0°38'33		-1869 Sep 07 j 11:19	0°♿	
max. Earth dist.	-1870 Sep 29 j 01:53	23°♿01'48	1.44375 AU	max. Earth dist.	-1869 Sep 11 j 16:17	6°♿55'17	1.43181 AU
desc. node	-1870 Sep 30 j 06:26	24°♿55'03		desc. node	-1869 Sep 17 j 03:28	15°♿40'12	
	-1870 Oct 03 j 11:51	0°♿		evening rise	-1869 Sep 19 j 17:58	19°♿45'10	
evening rise	-1870 Oct 10 j 12:02	10°♿53'47			-1869 Sep 26 j 10:14	0°♿	
	-1870 Oct 23 j 01:20	0°♿		evening max el	-1869 Oct 17 j 21:39	0°♿	
greatest brilliancy	-1870 Oct 24 j 08:07	1°♿54'14	-0.6m	retrograde	-1869 Oct 20 j 06:47	2°♿36'02	21°21'48
evening max el	-1870 Nov 06 j 08:04	19°♿08'41	20°13'13	evening set	-1869 Oct 29 j 00:03	7°♿46'34	
retrograde	-1870 Nov 14 j 03:09	23°♿43'27		asc. node	-1869 Nov 03 j 03:35	5°♿18'06	
asc. node	-1870 Nov 16 j 06:31	23°♿17'05		inferior conj	-1869 Nov 07 j 11:59	29°♿57'32	1°27'27
evening set	-1870 Nov 17 j 19:36	22°♿24'32		minimum elong	-1869 Nov 07 j 10:05	0°♿04'03	1°26'40
inferior conj	-1870 Nov 23 j 06:38	16°♿20'07	2°14'40		-1869 Nov 07 j 11:16	30°♿♿	
minimum elong	-1870 Nov 23 j 03:59	16°♿29'01	2°13'43	min. Earth dist.	-1869 Nov 07 j 19:26	29°♿31'53	0.67352 AU
min. Earth dist.	-1870 Nov 24 j 01:32	15°♿16'41	0.66831 AU	morning rise	-1869 Nov 12 j 16:45	23°♿43'32	
morning rise	-1870 Nov 28 j 12:08	10°♿06'35		direct	-1869 Nov 17 j 19:16	21°♿32'27	
direct	-1870 Dec 04 j 06:00	7°♿34'47		morning max el	-1869 Nov 28 j 05:46	27°♿45'31	23°29'05
morning max el	-1870 Dec 15 j 20:50	14°♿29'46	24°55'28		-1869 Nov 30 j 08:28	0°♿	
desc. node	-1870 Dec 27 j 05:45	28°♿11'25		desc. node	-1869 Dec 14 j 02:48	17°♿52'34	
	-1870 Dec 28 j 13:33	0°♿			-1869 Dec 22 j 06:39	0°♿	
	-1869 Jan 16 j 23:59	0°♿		morning set	-1868 Jan 02 j 08:30	17°♿50'20	
morning set	-1869 Jan 21 j 00:44	7°♿01'14		max. Earth dist.	-1868 Jan 06 j 12:29	24°♿59'47	1.39150 AU
max. Earth dist.	-1869 Jan 24 j 17:01	13°♿41'07	1.37089 AU		-1868 Jan 09 j 08:15	0°♿	
superior conj	-1869 Jan 31 j 03:05	25°♿54'29	-1°41'06	superior conj	-1868 Jan 14 j 01:07	8°♿36'37	-1°54'48
minimum elong	-1869 Jan 31 j 06:30	26°♿11'14	1°40'49	minimum elong	-1868 Jan 14 j 03:19	8°♿46'55	1°54'44
	-1869 Feb 02 j 04:52	0°≈		evening rise	-1868 Jan 23 j 06:46	26°♿18'24	
evening rise	-1869 Feb 08 j 12:01	12°≈37'56			-1868 Jan 25 j 04:44	0°≈	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

asc. node	-1868 Jan 30 j 02:53	9°08'19			-1867 Jan 17 j 11:56	0°00'		
evening max el	-1868 Feb 08 j 15:15	22°38'38	18°40'04		evening max el	-1867 Jan 21 j 22:41	5°27'16	18°14'11
retrograde	-1868 Feb 16 j 12:35	26°28'43			retrograde	-1867 Jan 28 j 23:09	8°58'34	
evening set	-1868 Feb 18 j 22:49	26°08'17			evening set	-1867 Jan 31 j 13:21	8°30'40	
inferior conj	-1868 Feb 26 j 13:54	21°43'16	3°13'50		inferior conj	-1867 Feb 07 j 12:37	3°44'34	3°48'59
minimum elong	-1868 Feb 26 j 18:01	21°35'26	3°12'59		minimum elong	-1867 Feb 07 j 14:25	3°40'35	3°48'48
min. Earth dist.	-1868 Feb 29 j 22:32	19°11'13	0.58002 AU		min. Earth dist.	-1867 Feb 10 j 20:33	0°49'01	0.60030 AU
morning rise	-1868 Mar 05 j 10:37	16°26'30				-1867 Feb 11 j 20:34	30°00'	
direct	-1868 Mar 11 j 05:02	15°03'55			morning rise	-1867 Feb 14 j 13:35	28°05'54	
desc. node	-1868 Mar 11 j 01:56	15°03'57			direct	-1867 Feb 21 j 04:20	26°04'40	
morning max el	-1868 Mar 25 j 12:31	22°35'12	26°19'48		desc. node	-1867 Feb 25 j 23:00	27°03'45	
	-1868 Apr 01 j 02:23	0°00'				-1867 Mar 03 j 00:52	0°00'	
	-1868 Apr 19 j 10:49	0°00'			morning max el	-1867 Mar 07 j 10:18	3°47'54	27°19'50
morning set	-1868 Apr 23 j 07:47	7°54'02				-1867 Mar 26 j 16:12	0°00'	
asc. node	-1868 Apr 27 j 02:16	15°57'52			morning set	-1867 Apr 07 j 16:30	22°42'40	
						-1867 Apr 11 j 03:11	0°00'	
superior conj	-1868 Apr 30 j 08:12	23°03'46	0°33'39		asc. node	-1867 Apr 13 j 23:19	6°09'57	
minimum elong	-1868 Apr 30 j 06:46	22°55'55	0°33'22		max. Earth dist.	-1867 Apr 14 j 05:48	6°45'22	1.32454 AU
max. Earth dist.	-1868 Apr 30 j 16:43	23°50'25	1.32555 AU					
	-1868 May 03 j 12:31	0°00'			superior conj	-1867 Apr 14 j 19:52	8°02'22	0°09'02
evening rise	-1868 May 07 j 08:26	8°08'52			minimum elong	-1867 Apr 14 j 19:27	8°00'08	0°08'58
	-1868 May 18 j 20:32	0°00'			behind sun begin	-1867 Apr 14 j 15:18	7°37'21	
evening max el	-1868 Jun 06 j 17:19	25°27'30	26°50'04		behind sun end	-1867 Apr 14 j 23:37	8°22'56	
desc. node	-1868 Jun 07 j 01:07	25°45'58			evening rise	-1867 Apr 21 j 18:12	23°02'48	
	-1868 Jun 12 j 09:43	0°00'				-1867 Apr 25 j 03:21	0°00'	
retrograde	-1868 Jun 20 j 16:48	2°45'12				-1867 May 13 j 09:18	0°00'	
evening set	-1868 Jun 27 j 11:55	0°43'53			evening max el	-1867 May 19 j 14:39	6°55'27	25°47'20
	-1868 Jun 28 j 15:59	30°00'			desc. node	-1867 May 24 j 22:09	11°12'30	
min. Earth dist.	-1868 Jul 01 j 06:49	28°03'30	0.60633 AU		retrograde	-1867 Jun 02 j 16:21	14°09'13	
inferior conj	-1868 Jul 04 j 13:57	25°17'30	-4°28'31		evening set	-1867 Jun 08 j 13:42	12°45'56	
minimum elong	-1868 Jul 04 j 16:00	25°13'11	4°28'20		min. Earth dist.	-1867 Jun 13 j 03:00	10°03'36	0.58577 AU
morning rise	-1868 Jul 11 j 21:53	20°32'33			inferior conj	-1867 Jun 16 j 10:21	7°39'15	-4°30'14
direct	-1868 Jul 14 j 10:11	20°07'58			minimum elong	-1867 Jun 16 j 08:47	7°42'08	4°30'07
morning max el	-1868 Jul 21 j 15:21	23°39'53	18°07'15		morning rise	-1867 Jun 24 j 06:29	3°16'38	
asc. node	-1868 Jul 24 j 01:31	26°20'08			direct	-1867 Jun 26 j 18:54	2°56'04	
	-1868 Jul 26 j 18:04	0°00'			morning max el	-1867 Jul 04 j 22:14	6°46'57	18°39'45
morning set	-1868 Aug 06 j 14:12	18°54'16			asc. node	-1867 Jul 10 j 22:37	14°17'13	
	-1868 Aug 12 j 13:35	0°00'				-1867 Jul 19 j 19:38	0°00'	
					morning set	-1867 Jul 21 j 06:11	2°47'00	
superior conj	-1868 Aug 16 j 10:40	7°01'22	1°37'24					
minimum elong	-1868 Aug 16 j 14:10	7°17'02	1°37'11		superior conj	-1867 Jul 30 j 01:24	19°44'09	1°47'13
max. Earth dist.	-1868 Aug 24 j 01:12	20°12'19	1.41487 AU		minimum elong	-1867 Jul 30 j 02:29	19°49'16	1°47'14
evening rise	-1868 Aug 29 j 12:40	29°13'25				-1867 Aug 04 j 15:42	0°00'	
	-1868 Aug 30 j 00:15	0°00'			max. Earth dist.	-1867 Aug 06 j 04:38	2°43'45	1.39531 AU
desc. node	-1868 Sep 03 j 00:29	6°21'09			evening rise	-1867 Aug 10 j 07:25	9°50'02	
	-1868 Sep 19 j 00:39	0°00'			desc. node	-1867 Aug 20 j 21:30	26°53'40	
evening max el	-1868 Oct 01 j 23:43	16°03'46	22°39'04			-1867 Aug 22 j 22:30	0°00'	
retrograde	-1868 Oct 11 j 18:58	21°53'11			evening max el	-1867 Sep 14 j 12:28	29°33'17	23°59'34
evening set	-1868 Oct 16 j 10:54	19°59'11				-1867 Sep 14 j 23:19	0°00'	
asc. node	-1868 Oct 20 j 00:39	16°03'32			retrograde	-1867 Sep 25 j 10:37	5°59'10	
inferior conj	-1868 Oct 21 j 18:48	13°40'17	0°36'11		evening set	-1867 Sep 30 j 16:43	3°46'31	
minimum elong	-1868 Oct 21 j 17:58	13°43'11	0°35'48			-1867 Oct 04 j 03:12	30°00'	
min. Earth dist.	-1868 Oct 21 j 15:43	13°50'56	0.67546 AU		min. Earth dist.	-1867 Oct 05 j 11:57	28°11'09	0.67432 AU
morning rise	-1868 Oct 27 j 00:56	7°28'15			inferior conj	-1867 Oct 06 j 01:18	27°25'53	-0°17'37
direct	-1868 Oct 31 j 12:34	5°39'28			minimum elong	-1867 Oct 06 j 01:43	27°24'27	0°17'26
morning max el	-1868 Nov 09 j 18:21	11°07'29	22°03'09		asc. node	-1867 Oct 06 j 21:44	26°16'57	
	-1868 Nov 24 j 13:03	0°00'			morning rise	-1867 Oct 11 j 10:42	21°18'25	
desc. node	-1868 Nov 29 j 23:51	7°57'44			direct	-1867 Oct 15 j 08:56	19°50'51	
morning set	-1868 Dec 12 j 11:27	27°15'58			morning max el	-1867 Oct 23 j 13:17	24°37'23	20°44'45
	-1868 Dec 14 j 04:04	0°00'				-1867 Oct 28 j 05:15	0°00'	
max. Earth dist.	-1868 Dec 18 j 11:08	7°04'42	1.41223 AU		desc. node	-1867 Nov 16 j 20:52	28°19'21	
						-1867 Nov 17 j 23:08	0°00'	
superior conj	-1868 Dec 26 j 04:18	20°21'19	-1°58'33		morning set	-1867 Nov 21 j 14:10	5°36'19	
minimum elong	-1868 Dec 26 j 03:32	20°17'55	1°58'35		max. Earth dist.	-1867 Nov 30 j 16:32	20°02'13	1.43017 AU
	-1868 Dec 31 j 12:45	0°00'				-1867 Dec 06 j 17:52	0°00'	
evening rise	-1867 Jan 05 j 14:35	9°23'12						
asc. node	-1867 Jan 15 j 23:56	27°44'48			superior conj	-1867 Dec 07 j 07:00	0°55'01	-1°48'10

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1867 Dec 07 j 01:56	0° R 33'44	1°47'54		-1866 Dec 18 j 05:48	0° B	
evening rise	-1867 Dec 19 j 07:24	21° R 43'13		evening max el	-1866 Dec 19 j 22:42	1° B 53'36	18°21'04
	-1867 Dec 23 j 23:50	0° B		asc. node	-1866 Dec 20 j 18:00	2° B 40'19	
asc. node	-1866 Jan 02 j 20:58	15° B 39'32		retrograde	-1866 Dec 26 j 11:28	5° B 27'03	
evening max el	-1866 Jan 05 j 10:06	18° B 34'37	18°08'07	evening set	-1866 Dec 29 j 09:50	4° B 40'51	
retrograde	-1866 Jan 12 j 00:14	22° B 01'04			-1865 Jan 03 j 18:40	30° R R	
evening set	-1866 Jan 14 j 18:14	21° B 24'35		inferior conj	-1865 Jan 04 j 10:58	29° R 14'18	3°43'10
inferior conj	-1866 Jan 21 j 04:57	16° B 17'35	3°56'06	minimum elong	-1865 Jan 04 j 08:48	29° R 20'25	3°42'51
minimum elong	-1866 Jan 21 j 04:22	16° B 19'02	3°56'03	min. Earth dist.	-1865 Jan 06 j 17:50	26° R 40'00	0.63855 AU
min. Earth dist.	-1866 Jan 24 j 02:28	13° B 22'48	0.62057 AU	morning rise	-1865 Jan 10 j 07:11	23° R 12'37	
morning rise	-1866 Jan 27 j 13:23	10° B 24'58		direct	-1865 Jan 17 j 06:38	20° R 23'11	
direct	-1866 Feb 03 j 13:36	7° B 52'22		desc. node	-1865 Jan 30 j 17:06	27° R 58'07	
desc. node	-1866 Feb 12 j 20:04	11° B 33'57		morning max el	-1865 Jan 30 j 22:02	28° R 10'17	27°33'10
morning max el	-1866 Feb 17 j 14:06	15° B 41'01	27°44'41		-1865 Feb 01 j 16:32	0° B	
	-1866 Mar 01 j 08:13	0° \approx			-1865 Feb 23 j 01:55	0° \approx	
	-1866 Mar 19 j 05:04	0° H		morning set	-1865 Mar 06 j 17:30	21° \approx 21'28	
morning set	-1866 Mar 22 j 20:36	7° H 14'50			-1865 Mar 10 j 23:35	0° H	
max. Earth dist.	-1866 Mar 28 j 16:08	19° H 28'09	1.32716 AU	max. Earth dist.	-1865 Mar 11 j 19:48	1° H 45'24	1.33381 AU
superior conj	-1866 Mar 30 j 06:08	22° H 53'46	-0°16'44	superior conj	-1865 Mar 14 j 13:11	7° H 31'15	-0°42'42
minimum elong	-1866 Mar 30 j 06:54	22° H 57'58	0°16'34	minimum elong	-1865 Mar 14 j 15:09	7° H 41'46	0°42'20
asc. node	-1866 Mar 31 j 20:21	26° H 21'39		asc. node	-1865 Mar 18 j 17:22	16° H 28'26	
	-1866 Apr 02 j 12:30	0° Y		evening rise	-1865 Mar 21 j 17:15	22° H 50'31	
evening rise	-1866 Apr 06 j 05:45	7° Y 59'01			-1865 Mar 25 j 04:53	0° Y	
	-1866 Apr 17 j 19:04	0° B		evening max el	-1865 Apr 12 j 22:50	28° Y 26'32	22°47'14
evening max el	-1866 May 01 j 06:50	17° B 47'50	24°21'57		-1865 Apr 14 j 16:13	0° B	
desc. node	-1866 May 11 j 19:10	24° B 22'09		retrograde	-1865 Apr 26 j 04:00	4° B 57'17	
retrograde	-1866 May 15 j 04:49	24° B 48'43		desc. node	-1865 Apr 28 j 16:13	4° B 43'25	
evening set	-1866 May 19 j 17:52	24° B 02'24		evening set	-1865 Apr 29 j 09:05	4° B 34'43	
min. Earth dist.	-1866 May 25 j 18:30	21° B 02'21	0.56743 AU	min. Earth dist.	-1865 May 07 j 08:03	1° B 05'35	0.55484 AU
inferior conj	-1866 May 28 j 10:50	19° B 20'14	-3°56'57	inferior conj	-1865 May 08 j 16:31	0° B 18'58	-2°40'34
minimum elong	-1866 May 28 j 05:19	19° B 29'04	3°55'55	minimum elong	-1865 May 08 j 10:08	0° B 28'09	2°38'41
morning rise	-1866 Jun 05 j 19:45	15° B 16'06			-1865 May 09 j 05:43	30° R Y	
direct	-1866 Jun 08 j 08:57	14° B 58'28		morning rise	-1865 May 17 j 13:20	26° Y 23'32	
morning max el	-1866 Jun 17 j 20:39	19° B 22'40	19°32'55	direct	-1865 May 20 j 05:29	26° Y 06'46	
	-1866 Jun 26 j 01:28	0° II			-1865 May 29 j 20:42	0° B	
asc. node	-1866 Jun 27 j 19:40	2° II 57'26		morning max el	-1865 May 31 j 08:23	1° B 17'27	20°46'22
morning set	-1866 Jul 05 j 06:43	17° II 07'19		asc. node	-1865 Jun 14 j 16:42	22° B 09'32	
	-1866 Jul 11 j 16:31	0° B			-1865 Jun 18 j 16:07	0° II	
				morning set	-1865 Jun 19 j 13:04	1° II 46'50	
superior conj	-1866 Jul 13 j 08:18	3° B 16'58	1°47'08				
minimum elong	-1866 Jul 13 j 07:26	3° B 12'42	1°47'08	superior conj	-1865 Jun 27 j 02:38	17° II 25'12	1°39'26
max. Earth dist.	-1866 Jul 19 j 07:14	14° B 41'30	1.37577 AU	minimum elong	-1865 Jun 27 j 00:34	17° II 14'36	1°39'19
evening rise	-1866 Jul 23 j 03:15	21° B 40'12		max. Earth dist.	-1865 Jul 01 j 15:15	26° II 30'14	1.35837 AU
	-1866 Jul 27 j 22:31	0° Q			-1865 Jul 03 j 10:26	0° B	
desc. node	-1866 Aug 07 j 18:30	17° Q 13'12		evening rise	-1865 Jul 05 j 19:41	4° B 31'32	
	-1866 Aug 16 j 19:42	0° H			-1865 Jul 20 j 19:08	0° Q	
evening max el	-1866 Aug 27 j 23:42	13° H 07'04	25°16'09	desc. node	-1865 Jul 25 j 15:31	7° Q 12'48	
retrograde	-1866 Sep 08 j 22:01	20° H 01'03		evening max el	-1865 Aug 10 j 11:10	26° Q 41'39	26°21'02
evening set	-1866 Sep 14 j 18:57	17° H 31'25			-1865 Aug 14 j 05:28	0° H	
min. Earth dist.	-1866 Sep 19 j 05:42	12° H 31'25	0.67010 AU	retrograde	-1865 Aug 23 j 04:28	3° H 53'05	
inferior conj	-1866 Sep 20 j 05:46	11° H 12'54	-1°12'19	evening set	-1865 Aug 29 j 15:35	1° H 10'50	
minimum elong	-1866 Sep 20 j 07:31	11° H 07'09	1°11'33		-1865 Aug 30 j 22:12	30° R Q	
asc. node	-1866 Sep 23 j 18:48	6° H 57'41		min. Earth dist.	-1865 Sep 02 j 18:28	26° Q 48'20	0.66247 AU
morning rise	-1866 Sep 25 j 20:11	5° H 12'59		inferior conj	-1865 Sep 04 j 06:18	24° Q 58'11	-2°06'10
direct	-1866 Sep 29 j 07:06	4° H 03'51		minimum elong	-1865 Sep 04 j 09:21	24° Q 48'51	2°05'00
morning max el	-1866 Oct 06 j 15:40	8° H 16'38	19°38'41	morning rise	-1865 Sep 10 j 03:23	19° Q 09'07	
	-1866 Oct 22 j 12:18	0° Q		asc. node	-1865 Sep 10 j 15:52	18° Q 52'27	
morning set	-1866 Oct 31 j 12:38	13° Q 52'27		direct	-1865 Sep 13 j 05:16	18° Q 15'06	
desc. node	-1866 Nov 03 j 17:53	18° Q 52'37		morning max el	-1865 Sep 20 j 00:38	22° Q 03'12	18°47'46
	-1866 Nov 10 j 20:14	0° M			-1865 Sep 26 j 08:16	0° H	
max. Earth dist.	-1866 Nov 13 j 05:01	3° M 44'38	1.44298 AU	morning set	-1865 Oct 11 j 06:01	23° H 09'33	
					-1865 Oct 15 j 13:33	0° Q	
superior conj	-1866 Nov 17 j 06:31	10° M 13'48	-1°20'22	desc. node	-1865 Oct 21 j 14:55	9° Q 33'43	
minimum elong	-1866 Nov 16 j 22:47	9° M 42'46	1°19'35				
	-1866 Nov 29 j 07:32	0° R		superior conj	-1865 Oct 27 j 09:41	18° Q 39'54	-0°36'46
evening rise	-1866 Dec 01 j 04:48	3° R 10'07		minimum elong	-1865 Oct 27 j 04:55	18° Q 21'08	0°36'09

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

max. Earth dist.	-1865 Oct 26 j 22:31	17° Ω 55'55	1.44905 AU	max. Earth dist.	-1864 Oct 08 j 17:22	2° Ω 15'10	1.44772 AU
	-1865 Nov 03 j 13:58	0° \mathbb{M}		evening rise	-1864 Oct 22 j 01:26	23° Ω 06'59	
evening rise	-1865 Nov 12 j 02:56	13° \mathbb{M} 37'50			-1864 Oct 26 j 11:48	0° \mathbb{M}	
	-1865 Nov 22 j 08:13	0° \mathbb{A}		greatest brilliancy	-1864 Nov 03 j 06:27	11° \mathbb{M} 56'39	-0.7m
evening max el	-1865 Dec 03 j 09:51	15° \mathbb{A} 18'44	18°51'54	evening max el	-1864 Nov 15 j 17:15	28° \mathbb{M} 45'32	19°39'14
asc. node	-1865 Dec 07 j 15:02	18° \mathbb{A} 32'47			-1864 Nov 16 j 23:51	0° \mathbb{A}	
retrograde	-1865 Dec 10 j 05:05	19° \mathbb{A} 09'28		retrograde	-1864 Nov 23 j 01:52	3° \mathbb{A} 02'20	
evening set	-1865 Dec 13 j 09:02	18° \mathbb{A} 12'03		asc. node	-1864 Nov 23 j 12:05	3° \mathbb{A} 01'18	
inferior conj	-1865 Dec 19 j 03:05	12° \mathbb{A} 28'14	3°16'13	evening set	-1864 Nov 26 j 13:10	1° \mathbb{A} 51'50	
minimum elong	-1865 Dec 19 j 00:11	12° \mathbb{A} 37'07	3°15'32		-1864 Nov 28 j 16:53	30° \mathbb{R} \mathbb{M}	
min. Earth dist.	-1865 Dec 20 j 18:51	10° \mathbb{A} 26'06	0.65304 AU	inferior conj	-1864 Dec 02 j 02:13	25° \mathbb{M} 53'46	2°39'19
morning rise	-1865 Dec 24 j 15:03	6° \mathbb{A} 20'14		minimum elong	-1864 Dec 01 j 23:19	26° \mathbb{M} 03'15	2°38'24
direct	-1865 Dec 31 j 06:08	3° \mathbb{A} 29'05		min. Earth dist.	-1864 Dec 03 j 04:12	24° \mathbb{M} 28'42	0.66376 AU
morning max el	-1864 Jan 13 j 07:38	11° \mathbb{A} 05'40	26°49'38	morning rise	-1864 Dec 07 j 09:16	19° \mathbb{M} 41'30	
desc. node	-1864 Jan 17 j 14:08	15° \mathbb{A} 43'56		direct	-1864 Dec 13 j 11:25	17° \mathbb{M} 00'28	
	-1864 Jan 28 j 09:46	0° \mathbb{B}		morning max el	-1864 Dec 25 j 16:55	24° \mathbb{M} 14'44	25°41'47
	-1864 Feb 15 j 13:50	0° \approx			-1864 Dec 30 j 21:39	0° \mathbb{A}	
morning set	-1864 Feb 18 j 03:57	4° \approx 52'14		desc. node	-1863 Jan 03 j 11:12	4° \mathbb{A} 26'47	
max. Earth dist.	-1864 Feb 22 j 13:28	13° \approx 29'35	1.34483 AU		-1863 Jan 20 j 19:49	0° \mathbb{B}	
				morning set	-1863 Jan 30 j 23:23	17° \mathbb{B} 32'57	
superior conj	-1864 Feb 26 j 14:57	21° \approx 48'08	-1°07'42	max. Earth dist.	-1863 Feb 03 j 19:24	24° \mathbb{B} 42'35	1.36027 AU
minimum elong	-1864 Feb 26 j 17:56	22° \approx 03'39	1°07'13		-1863 Feb 06 j 13:05	0° \approx	
	-1864 Mar 01 j 12:47	0° \mathbb{H}					
asc. node	-1864 Mar 04 j 14:23	6° \mathbb{H} 26'08		superior conj	-1863 Feb 09 j 08:46	5° \approx 35'42	-1°30'10
evening rise	-1864 Mar 05 j 02:54	7° \mathbb{H} 31'11		minimum elong	-1863 Feb 09 j 12:17	5° \approx 53'19	1°29'45
	-1864 Mar 17 j 08:08	0° \mathbb{Y}		evening rise	-1863 Feb 17 j 08:39	21° \approx 53'35	
evening max el	-1864 Mar 24 j 21:03	9° \mathbb{Y} 19'33	21°17'07	asc. node	-1863 Feb 19 j 11:24	26° \approx 09'11	
retrograde	-1864 Apr 05 j 18:01	15° \mathbb{Y} 03'35			-1863 Feb 21 j 10:27	0° \mathbb{H}	
evening set	-1864 Apr 08 j 03:39	14° \mathbb{Y} 50'19		evening max el	-1863 Mar 07 j 05:36	20° \mathbb{H} 45'19	20°01'13
desc. node	-1864 Apr 14 j 13:15	12° \mathbb{Y} 27'06		retrograde	-1863 Mar 17 j 10:12	25° \mathbb{H} 37'16	
inferior conj	-1864 Apr 17 j 11:38	10° \mathbb{Y} 50'40	-0°49'38	evening set	-1863 Mar 19 j 14:48	25° \mathbb{H} 24'45	
minimum elong	-1864 Apr 17 j 09:18	10° \mathbb{Y} 53'58	0°48'48	inferior conj	-1863 Mar 28 j 10:18	21° \mathbb{H} 24'30	1°06'30
min. Earth dist.	-1864 Apr 17 j 21:21	10° \mathbb{Y} 37'00	0.55074 AU	minimum elong	-1863 Mar 28 j 13:07	21° \mathbb{H} 20'12	1°05'34
morning rise	-1864 Apr 26 j 15:04	6° \mathbb{Y} 47'29		min. Earth dist.	-1863 Mar 30 j 11:26	20° \mathbb{H} 10'05	0.55604 AU
direct	-1864 Apr 29 j 16:49	6° \mathbb{Y} 26'57		desc. node	-1863 Apr 01 j 10:17	19° \mathbb{H} 02'53	
morning max el	-1864 May 12 j 09:21	12° \mathbb{Y} 30'13	22°16'53	morning rise	-1863 Apr 06 j 09:23	16° \mathbb{H} 55'39	
	-1864 May 25 j 08:15	0° \mathbb{B}		direct	-1863 Apr 10 j 07:48	16° \mathbb{H} 21'37	
asc. node	-1864 May 31 j 13:45	11° \mathbb{B} 45'27		morning max el	-1863 Apr 24 j 02:36	23° \mathbb{H} 11'45	23°56'36
morning set	-1864 Jun 02 j 23:03	16° \mathbb{B} 39'18			-1863 Apr 30 j 04:12	0° \mathbb{Y}	
	-1864 Jun 09 j 06:27	0° \mathbb{II}			-1863 May 17 j 15:56	0° \mathbb{B}	
				morning set	-1863 May 18 j 10:52	1° \mathbb{B} 38'52	
superior conj	-1864 Jun 10 j 04:52	1° \mathbb{II} 58'27	1°25'58	asc. node	-1863 May 18 j 10:48	1° \mathbb{B} 38'31	
minimum elong	-1864 Jun 10 j 02:19	1° \mathbb{II} 44'58	1°25'41				
max. Earth dist.	-1864 Jun 13 j 08:31	8° \mathbb{II} 32'45	1.34436 AU	superior conj	-1863 May 25 j 12:20	16° \mathbb{B} 48'12	1°08'08
evening rise	-1864 Jun 18 j 03:39	18° \mathbb{II} 09'53		minimum elong	-1863 May 25 j 09:52	16° \mathbb{B} 34'57	1°07'46
	-1864 Jun 24 j 11:50	0° \mathbb{B}		max. Earth dist.	-1863 May 27 j 11:04	20° \mathbb{B} 58'42	1.33411 AU
desc. node	-1864 Jul 11 j 12:32	26° \mathbb{B} 43'42			-1863 May 31 j 18:38	0° \mathbb{II}	
	-1864 Jul 14 j 00:09	0° \mathbb{Q}		evening rise	-1863 Jun 01 j 22:47	2° \mathbb{II} 22'43	
evening max el	-1864 Jul 22 j 22:51	10° \mathbb{Q} 08'25	27°06'18		-1863 Jun 17 j 08:16	0° \mathbb{B}	
retrograde	-1864 Aug 05 j 05:35	17° \mathbb{Q} 28'07		desc. node	-1863 Jun 28 j 09:33	15° \mathbb{B} 33'54	
evening set	-1864 Aug 12 j 04:07	14° \mathbb{Q} 41'00		evening max el	-1863 Jul 05 j 09:20	23° \mathbb{B} 15'59	27°25'07
min. Earth dist.	-1864 Aug 15 j 23:50	10° \mathbb{Q} 56'14	0.65117 AU		-1863 Jul 15 j 08:54	0° \mathbb{Q}	
inferior conj	-1864 Aug 18 j 00:47	8° \mathbb{Q} 37'33	-2°57'05	retrograde	-1863 Jul 19 j 01:06	0° \mathbb{Q} 37'49	
minimum elong	-1864 Aug 18 j 04:47	8° \mathbb{Q} 26'12	2°55'47		-1863 Jul 22 j 13:22	30° \mathbb{R} \mathbb{B}	
morning rise	-1864 Aug 24 j 06:01	3° \mathbb{Q} 02'40		evening set	-1863 Jul 26 j 05:29	27° \mathbb{B} 57'29	
direct	-1864 Aug 27 j 01:11	2° \mathbb{Q} 20'25		min. Earth dist.	-1863 Jul 29 j 20:06	24° \mathbb{B} 46'22	0.63612 AU
asc. node	-1864 Aug 27 j 12:56	2° \mathbb{Q} 21'43		inferior conj	-1863 Aug 01 j 10:40	22° \mathbb{B} 06'05	-3°42'00
morning max el	-1864 Sep 02 j 14:08	5° \mathbb{Q} 52'50	18°13'20	minimum elong	-1863 Aug 01 j 14:58	21° \mathbb{B} 55'05	3°40'58
	-1864 Sep 18 j 20:08	0° \mathbb{P}		morning rise	-1863 Aug 08 j 01:24	16° \mathbb{B} 48'33	
morning set	-1864 Sep 21 j 03:21	3° \mathbb{P} 48'51		direct	-1863 Aug 10 j 16:09	16° \mathbb{B} 15'04	
				asc. node	-1863 Aug 14 j 10:01	17° \mathbb{B} 24'13	
superior conj	-1864 Oct 05 j 12:13	27° \mathbb{P} 09'32	0°12'52	morning max el	-1863 Aug 17 j 05:31	19° \mathbb{B} 40'23	17°56'21
minimum elong	-1864 Oct 05 j 13:50	27° \mathbb{P} 15'55	0°12'39		-1863 Aug 24 j 20:58	0° \mathbb{Q}	
behind sun begin	-1864 Oct 05 j 06:52	26° \mathbb{P} 48'13		morning set	-1863 Sep 03 j 02:23	15° \mathbb{Q} 41'59	
behind sun end	-1864 Oct 05 j 20:47	27° \mathbb{P} 43'36			-1863 Sep 11 j 10:31	0° \mathbb{P}	
desc. node	-1864 Oct 07 j 11:56	0° \mathbb{Q} 18'50					
	-1864 Oct 07 j 07:11	0° \mathbb{Q}		superior conj	-1863 Sep 15 j 10:42	6° \mathbb{P} 40'43	0°56'03

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1863 Sep 15 j 15:53	7° \mathbb{M} 02'05	0°55'26	superior conj	-1862 Aug 27 j 12:37	17° \mathcal{Q} 32'47	1°26'15
max. Earth dist.	-1863 Sep 21 j 09:50	16° \mathbb{M} 22'06	1.43932 AU	minimum elong	-1862 Aug 27 j 17:21	17° \mathcal{Q} 53'18	1°25'50
desc. node	-1863 Sep 24 j 08:59	21° \mathbb{M} 05'11			-1862 Sep 03 j 21:36	0° \mathbb{M}	
	-1863 Sep 30 j 01:37	0° $\underline{\mathcal{A}}$		max. Earth dist.	-1862 Sep 03 j 21:25	29° \mathcal{Q} 59'15	1.42504 AU
evening rise	-1863 Oct 01 j 08:30	1° $\underline{\mathcal{A}}$ 59'30		evening rise	-1862 Sep 10 j 17:43	11° \mathbb{M} 00'36	
	-1863 Oct 20 j 02:54	0° \mathbb{M}		desc. node	-1862 Sep 11 j 06:00	11° \mathbb{M} 48'58	
evening max el	-1863 Oct 29 j 19:20	12° \mathbb{M} 12'51	20°40'57		-1862 Sep 23 j 04:49	0° $\underline{\mathcal{A}}$	
retrograde	-1863 Nov 06 j 23:26	17° \mathbb{M} 02'47		evening max el	-1862 Oct 12 j 15:28	25° $\underline{\mathcal{A}}$ 40'06	21°53'55
asc. node	-1863 Nov 10 j 09:09	15° \mathbb{M} 56'19			-1862 Oct 17 j 23:44	0° \mathbb{M}	
evening set	-1863 Nov 10 j 20:08	15° \mathbb{M} 37'04		retrograde	-1862 Oct 21 j 19:41	1° \mathbb{M} 07'24	
inferior conj	-1863 Nov 16 j 05:58	9° \mathbb{M} 28'09	1°55'17		-1862 Oct 25 j 08:20	30° \mathcal{R} $\underline{\mathcal{A}}$	
minimum elong	-1863 Nov 16 j 03:35	9° \mathbb{M} 36'14	1°54'22	evening set	-1862 Oct 26 j 03:59	29° $\underline{\mathcal{A}}$ 24'22	
min. Earth dist.	-1863 Nov 16 j 19:50	8° \mathbb{M} 40'58	0.67090 AU	asc. node	-1862 Oct 28 j 06:14	27° $\underline{\mathcal{A}}$ 21'27	
morning rise	-1863 Nov 21 j 10:51	3° \mathbb{M} 13'54		inferior conj	-1862 Oct 31 j 12:11	23° $\underline{\mathcal{A}}$ 08'14	1°06'08
direct	-1863 Nov 26 j 22:07	0° \mathbb{M} 50'34		minimum elong	-1862 Oct 31 j 10:42	23° $\underline{\mathcal{A}}$ 13'20	1°05'30
morning max el	-1863 Dec 08 j 01:31	7° \mathbb{M} 29'23	24°19'12	min. Earth dist.	-1862 Oct 31 j 15:10	22° $\underline{\mathcal{A}}$ 57'56	0.67471 AU
desc. node	-1863 Dec 21 j 08:16	23° \mathbb{M} 50'29		morning rise	-1862 Nov 05 j 17:15	16° $\underline{\mathcal{A}}$ 54'30	
	-1863 Dec 25 j 16:00	0° \mathcal{A}		direct	-1862 Nov 10 j 13:20	14° $\underline{\mathcal{A}}$ 52'39	
morning set	-1862 Jan 12 j 22:05	29° \mathcal{A} 08'06		morning max el	-1862 Nov 20 j 11:28	20° $\underline{\mathcal{A}}$ 46'56	22°51'56
	-1862 Jan 13 j 10:00	0° \mathcal{Z}			-1862 Nov 28 j 07:48	0° \mathbb{M}	
max. Earth dist.	-1862 Jan 16 j 16:15	5° \mathcal{Z} 47'11	1.37946 AU	desc. node	-1862 Dec 08 j 05:21	13° \mathbb{M} 42'58	
					-1862 Dec 18 j 22:36	0° \mathcal{A}	
superior conj	-1862 Jan 23 j 15:17	18° \mathcal{Z} 45'06	-1°47'54	morning set	-1862 Dec 24 j 17:53	9° \mathcal{A} 22'15	
minimum elong	-1862 Jan 23 j 18:22	18° \mathcal{Z} 59'59	1°47'41	max. Earth dist.	-1862 Dec 29 j 11:44	17° \mathcal{A} 20'54	1.40045 AU
	-1862 Jan 29 j 09:17	0° \approx			-1861 Jan 05 j 15:44	0° \mathcal{Z}	
evening rise	-1862 Feb 01 j 08:14	5° \approx 51'31					
asc. node	-1862 Feb 06 j 08:27	15° \approx 32'10		superior conj	-1861 Jan 06 j 06:02	1° \mathcal{Z} 05'04	-1°57'51
	-1862 Feb 15 j 11:11	0° \mathcal{H}		minimum elong	-1861 Jan 06 j 07:12	1° \mathcal{Z} 10'25	1°57'52
evening max el	-1862 Feb 18 j 00:55	2° \mathcal{H} 48'32	19°03'59	evening rise	-1861 Jan 15 j 22:47	19° \mathcal{Z} 17'55	
retrograde	-1862 Feb 26 j 15:43	6° \mathcal{H} 56'39			-1861 Jan 21 j 16:09	0° \approx	
evening set	-1862 Feb 28 j 23:16	6° \mathcal{H} 40'01		asc. node	-1861 Jan 24 j 05:29	4° \approx 28'17	
inferior conj	-1862 Mar 09 j 00:46	2° \mathcal{H} 26'26	2°37'47	evening max el	-1861 Feb 01 j 04:52	15° \approx 23'49	18°26'40
minimum elong	-1862 Mar 09 j 05:26	2° \mathcal{H} 18'17	2°36'34	retrograde	-1861 Feb 08 j 15:48	19° \approx 03'38	
min. Earth dist.	-1862 Mar 12 j 03:12	0° \mathcal{H} 17'48	0.56960 AU	evening set	-1861 Feb 11 j 03:52	18° \approx 40'09	
	-1862 Mar 12 j 13:59	30° \mathcal{R} \approx		inferior conj	-1861 Feb 18 j 11:53	14° \approx 06'38	3°32'40
morning rise	-1862 Mar 17 j 08:42	27° \approx 25'35		minimum elong	-1861 Feb 18 j 15:07	14° \approx 00'03	3°32'09
desc. node	-1862 Mar 19 j 07:21	26° \approx 47'48		min. Earth dist.	-1861 Feb 21 j 22:02	11° \approx 21'23	0.58847 AU
direct	-1862 Mar 22 j 11:30	26° \approx 23'46		morning rise	-1861 Feb 26 j 00:00	8° \approx 39'37	
	-1862 Apr 01 j 06:05	0° \mathcal{H}		direct	-1861 Mar 04 j 04:34	7° \approx 00'04	
morning max el	-1862 Apr 05 j 17:32	3° \mathcal{H} 45'09	25°32'22	desc. node	-1861 Mar 06 j 04:26	7° \approx 10'14	
	-1862 Apr 24 j 11:13	0° \mathcal{Y}		morning max el	-1861 Mar 18 j 11:41	14° \approx 37'31	26°49'10
morning set	-1862 May 02 j 22:49	16° \mathcal{Y} 39'13			-1861 Mar 30 j 20:07	0° \mathcal{H}	
asc. node	-1862 May 05 j 07:50	21° \mathcal{Y} 42'50			-1861 Apr 16 j 15:05	0° \mathcal{Y}	
	-1862 May 09 j 03:17	0° \mathcal{B}		morning set	-1861 Apr 17 j 09:15	1° \mathcal{Y} 34'27	
				asc. node	-1861 Apr 22 j 04:53	11° \mathcal{Y} 53'45	
superior conj	-1862 May 09 j 22:50	1° \mathcal{B} 46'46	0°46'59				
minimum elong	-1862 May 09 j 20:55	1° \mathcal{B} 36'20	0°46'38	superior conj	-1861 Apr 24 j 10:35	16° \mathcal{Y} 47'41	0°23'25
max. Earth dist.	-1862 May 10 j 20:25	3° \mathcal{B} 44'30	1.32761 AU	minimum elong	-1861 Apr 24 j 09:33	16° \mathcal{Y} 42'03	0°23'13
evening rise	-1862 May 17 j 01:38	16° \mathcal{B} 58'50		max. Earth dist.	-1861 Apr 24 j 09:19	16° \mathcal{Y} 40'47	1.32469 AU
	-1862 May 23 j 16:46	0° \mathbb{I}			-1861 Apr 30 j 12:48	0° \mathcal{B}	
	-1862 Jun 12 j 05:41	0° \mathcal{E}		evening rise	-1861 May 01 j 09:35	1° \mathcal{B} 49'20	
desc. node	-1862 Jun 15 j 06:35	3° \mathcal{E} 25'46			-1861 May 16 j 17:53	0° \mathbb{I}	
evening max el	-1862 Jun 17 j 16:26	5° \mathcal{E} 51'48	27°12'28	evening max el	-1861 May 30 j 17:57	17° \mathbb{I} 46'34	26°26'57
retrograde	-1862 Jul 01 j 14:07	13° \mathcal{E} 11'55		desc. node	-1861 Jun 02 j 03:35	19° \mathbb{I} 54'51	
evening set	-1862 Jul 08 j 15:40	10° \mathcal{E} 52'39		retrograde	-1861 Jun 13 j 18:59	25° \mathbb{I} 02'41	
min. Earth dist.	-1862 Jul 12 j 06:21	8° \mathcal{E} 05'09	0.61779 AU	evening set	-1861 Jun 20 j 06:13	23° \mathbb{I} 17'14	
inferior conj	-1862 Jul 15 j 08:50	5° \mathcal{E} 16'01	-4°16'20	min. Earth dist.	-1861 Jun 24 j 07:10	20° \mathbb{I} 37'54	0.59754 AU
minimum elong	-1862 Jul 15 j 12:11	5° \mathcal{E} 08'23	4°15'50	inferior conj	-1861 Jun 27 j 15:41	17° \mathbb{I} 58'38	-4°32'50
morning rise	-1862 Jul 22 j 10:11	0° \mathcal{E} 18'30		minimum elong	-1861 Jun 27 j 16:23	17° \mathbb{I} 57'15	4°32'46
	-1862 Jul 23 j 12:43	30° \mathcal{R} \mathbb{I}		morning rise	-1861 Jul 05 j 04:39	13° \mathbb{I} 22'56	
direct	-1862 Jul 24 j 22:43	29° \mathbb{I} 51'17		direct	-1861 Jul 07 j 16:51	13° \mathbb{I} 00'10	
	-1862 Jul 26 j 08:23	0° \mathcal{E}		morning max el	-1861 Jul 15 j 06:17	16° \mathbb{I} 38'55	18°18'28
morning max el	-1862 Jul 31 j 19:53	3° \mathcal{E} 18'18	17°57'41	asc. node	-1861 Jul 19 j 04:10	21° \mathbb{I} 13'01	
asc. node	-1862 Aug 01 j 07:06	3° \mathcal{E} 46'24			-1861 Jul 24 j 17:44	0° \mathcal{E}	
morning set	-1862 Aug 16 j 21:20	28° \mathcal{E} 32'04		morning set	-1861 Jul 31 j 06:52	12° \mathcal{E} 05'18	
	-1862 Aug 17 j 16:39	0° \mathcal{Q}					
				superior conj	-1861 Aug 09 j 15:30	29° \mathcal{E} 39'17	1°42'56

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1861 Aug 09 j 17:58	29° \mathfrak{D} 50'34	1°42'50	morning rise	-1860 Jun 16 j 05:16	25° \mathfrak{B} 49'26	
	-1861 Aug 09 j 20:02	0° \mathfrak{Q}		direct	-1860 Jun 18 j 18:09	25° \mathfrak{B} 30'05	
max. Earth dist.	-1861 Aug 17 j 03:45	12° \mathfrak{Q} 56'47	1.40678 AU	morning max el	-1860 Jun 27 j 09:46	29° \mathfrak{B} 33'03	18°59'47
evening rise	-1861 Aug 21 j 21:58	20° \mathfrak{Q} 55'57			-1860 Jun 27 j 20:59	0° \mathfrak{I}	
	-1861 Aug 27 j 13:25	0° \mathfrak{P}		asc. node	-1860 Jul 05 j 01:13	9° \mathfrak{I} 29'30	
desc. node	-1861 Aug 29 j 02:59	2° \mathfrak{P} 26'39		morning set	-1860 Jul 14 j 02:52	26° \mathfrak{I} 10'46	
	-1861 Sep 17 j 09:20	0° \mathfrak{A}			-1860 Jul 16 j 01:19	0° \mathfrak{D}	
evening max el	-1861 Sep 25 j 06:30	9° \mathfrak{A} 08'39	23°13'23				
retrograde	-1861 Oct 05 j 13:12	15° \mathfrak{A} 13'38		superior conj	-1860 Jul 22 j 13:44	12° \mathfrak{D} 44'56	1°48'15
evening set	-1861 Oct 10 j 11:01	13° \mathfrak{A} 11'50		minimum elong	-1860 Jul 22 j 13:55	12° \mathfrak{D} 45'46	1°48'17
asc. node	-1861 Oct 15 j 03:18	7° \mathfrak{A} 45'59		max. Earth dist.	-1860 Jul 29 j 06:36	25° \mathfrak{D} 13'22	1.38691 AU
inferior conj	-1861 Oct 15 j 19:03	6° \mathfrak{A} 51'59	0°13'34		-1860 Jul 31 j 23:09	0° \mathfrak{Q}	
minimum elong	-1861 Oct 15 j 18:44	6° \mathfrak{A} 53'05	0°13'26	evening rise	-1860 Aug 02 j 03:41	2° \mathfrak{Q} 04'13	
transit middle	-1861 Oct 15 j 18:44	6° \mathfrak{A} 53'05	0°13'26	desc. node	-1860 Aug 14 j 23:58	22° \mathfrak{Q} 54'11	
transit begin	-1861 Oct 15 j 17:11	6° \mathfrak{A} 58'23			-1860 Aug 19 j 18:51	0° \mathfrak{P}	
transit end	-1861 Oct 15 j 20:16	6° \mathfrak{A} 47'48		evening max el	-1860 Sep 06 j 18:21	22° \mathfrak{P} 40'04	24°33'04
min. Earth dist.	-1861 Oct 15 j 11:41	7° \mathfrak{A} 17'16	0.67539 AU	retrograde	-1860 Sep 18 j 02:58	29° \mathfrak{P} 18'31	
morning rise	-1861 Oct 21 j 02:21	0° \mathfrak{A} 41'33		evening set	-1860 Sep 23 j 15:31	26° \mathfrak{P} 58'10	
	-1861 Oct 22 j 02:06	30° \mathfrak{R} \mathfrak{P}		min. Earth dist.	-1860 Sep 28 j 07:02	21° \mathfrak{P} 37'48	0.67295 AU
direct	-1861 Oct 25 j 08:11	29° \mathfrak{P} 01'48		inferior conj	-1860 Sep 29 j 00:52	20° \mathfrak{P} 38'12	-0°40'49
	-1861 Oct 28 j 20:13	0° \mathfrak{A}		minimum elong	-1860 Sep 29 j 01:51	20° \mathfrak{P} 34'53	0°40'22
morning max el	-1861 Nov 03 j 02:18	4° \mathfrak{A} 11'00	21°28'30	asc. node	-1860 Oct 01 j 00:22	18° \mathfrak{P} 03'48	
	-1861 Nov 22 j 11:24	0° \mathfrak{M}		morning rise	-1860 Oct 04 j 12:13	14° \mathfrak{P} 33'49	
desc. node	-1861 Nov 25 j 02:23	3° \mathfrak{M} 55'41		direct	-1860 Oct 08 j 05:25	13° \mathfrak{P} 14'27	
morning set	-1861 Dec 04 j 08:58	18° \mathfrak{M} 14'30		morning max el	-1860 Oct 16 j 00:27	17° \mathfrak{P} 45'04	20°15'02
max. Earth dist.	-1861 Dec 11 j 13:10	29° \mathfrak{M} 48'53	1.42037 AU		-1860 Oct 25 j 16:48	0° \mathfrak{A}	
	-1861 Dec 11 j 15:51	0° \mathfrak{X}		desc. node	-1860 Nov 10 j 23:24	24° \mathfrak{A} 22'53	
				morning set	-1860 Nov 12 j 06:51	26° \mathfrak{A} 24'22	
superior conj	-1861 Dec 18 j 23:28	12° \mathfrak{X} 21'12	-1°56'08		-1860 Nov 14 j 14:23	0° \mathfrak{M}	
minimum elong	-1861 Dec 18 j 20:56	12° \mathfrak{X} 10'15	1°56'06	max. Earth dist.	-1860 Nov 22 j 22:23	13° \mathfrak{M} 09'42	1.43636 AU
	-1861 Dec 28 j 21:21	0° \mathfrak{Z}					
evening rise	-1861 Dec 30 j 00:42	2° \mathfrak{Z} 04'31		superior conj	-1860 Nov 28 j 14:34	22° \mathfrak{M} 22'23	-1°38'36
asc. node	-1860 Jan 11 j 02:32	22° \mathfrak{Z} 48'22		minimum elong	-1860 Nov 28 j 07:53	21° \mathfrak{M} 54'54	1°38'05
evening max el	-1860 Jan 15 j 14:25	28° \mathfrak{Z} 21'40	18°09'15		-1860 Dec 03 j 04:40	0° \mathfrak{X}	
	-1860 Jan 17 j 11:58	0° \mathfrak{A}		evening rise	-1860 Dec 11 j 09:52	14° \mathfrak{X} 03'19	
retrograde	-1860 Jan 22 j 09:04	1° \mathfrak{A} 49'02			-1860 Dec 20 j 17:41	0° \mathfrak{Z}	
evening set	-1860 Jan 25 j 01:01	1° \mathfrak{A} 17'26		asc. node	-1860 Dec 27 j 23:35	10° \mathfrak{Z} 21'48	
	-1860 Jan 27 j 10:37	30° \mathfrak{R} \mathfrak{Z}		evening max el	-1860 Dec 29 j 02:38	11° \mathfrak{Z} 34'28	18°11'18
inferior conj	-1860 Jan 31 j 18:31	26° \mathfrak{Z} 22'10	3°54'53	retrograde	-1859 Jan 04 j 15:10	15° \mathfrak{Z} 02'46	
minimum elong	-1860 Jan 31 j 19:15	26° \mathfrak{Z} 20'28	3°54'50	evening set	-1859 Jan 07 j 10:55	14° \mathfrak{Z} 22'15	
min. Earth dist.	-1860 Feb 03 j 22:48	23° \mathfrak{Z} 24'27	0.60910 AU	inferior conj	-1859 Jan 13 j 17:11	9° \mathfrak{Z} 06'22	3°52'40
morning rise	-1860 Feb 07 j 12:00	20° \mathfrak{Z} 37'09		minimum elong	-1859 Jan 13 j 15:49	9° \mathfrak{Z} 09'59	3°52'32
direct	-1860 Feb 14 j 08:16	18° \mathfrak{Z} 21'17		min. Earth dist.	-1859 Jan 16 j 08:33	6° \mathfrak{Z} 18'37	0.62856 AU
desc. node	-1860 Feb 21 j 01:30	20° \mathfrak{Z} 18'12		morning rise	-1859 Jan 19 j 19:53	3° \mathfrak{Z} 09'20	
morning max el	-1860 Feb 28 j 11:57	26° \mathfrak{Z} 06'35	27°34'56	direct	-1859 Jan 26 j 20:43	0° \mathfrak{Z} 28'04	
	-1860 Mar 03 j 03:39	0° \mathfrak{A}		desc. node	-1859 Feb 06 j 22:35	5° \mathfrak{Z} 41'19	
	-1860 Mar 23 j 06:38	0° \mathfrak{X}		morning max el	-1859 Feb 09 j 18:00	8° \mathfrak{Z} 16'36	27°44'09
morning set	-1860 Mar 31 j 16:15	16° \mathfrak{X} 16'52			-1859 Feb 26 j 12:50	0° \mathfrak{A}	
max. Earth dist.	-1860 Apr 06 j 21:50	29° \mathfrak{X} 32'53	1.32527 AU		-1859 Mar 15 j 09:51	0° \mathfrak{X}	
	-1860 Apr 07 j 02:48	0° \mathfrak{Y}		morning set	-1859 Mar 15 j 17:38	0° \mathfrak{X} 39'10	
				max. Earth dist.	-1859 Mar 21 j 06:01	12° \mathfrak{X} 07'04	1.32955 AU
superior conj	-1860 Apr 07 j 21:50	1° \mathfrak{Y} 43'50	-0°01'48				
minimum elong	-1860 Apr 07 j 21:55	1° \mathfrak{Y} 44'18	0°01'47	superior conj	-1859 Mar 23 j 06:56	16° \mathfrak{X} 29'38	-0°27'46
behind sun begin	-1860 Apr 07 j 16:54	1° \mathfrak{Y} 16'50		minimum elong	-1859 Mar 23 j 08:14	16° \mathfrak{X} 36'35	0°27'31
behind sun end	-1860 Apr 08 j 02:57	2° \mathfrak{Y} 11'46		asc. node	-1859 Mar 25 j 22:55	22° \mathfrak{X} 15'52	
asc. node	-1860 Apr 08 j 01:54	2° \mathfrak{Y} 06'05			-1859 Mar 29 j 13:12	0° \mathfrak{Y}	
evening rise	-1860 Apr 14 j 20:21	16° \mathfrak{Y} 45'16		evening rise	-1859 Mar 30 j 08:05	1° \mathfrak{Y} 40'01	
	-1860 Apr 21 j 10:52	0° \mathfrak{B}			-1859 Apr 15 j 01:50	0° \mathfrak{B}	
evening max el	-1860 May 11 j 12:49	28° \mathfrak{B} 57'41	25°13'01	evening max el	-1859 Apr 23 j 03:53	9° \mathfrak{B} 39'31	23°41'44
	-1860 May 12 j 15:43	0° \mathfrak{I}		desc. node	-1859 May 05 j 21:39	16° \mathfrak{B} 28'16	
desc. node	-1860 May 19 j 00:36	4° \mathfrak{I} 27'52		retrograde	-1859 May 06 j 20:22	16° \mathfrak{B} 30'18	
retrograde	-1860 May 25 j 13:37	6° \mathfrak{I} 06'37		evening set	-1859 May 10 j 19:15	15° \mathfrak{B} 55'48	
evening set	-1860 May 30 j 22:16	5° \mathfrak{I} 00'01		min. Earth dist.	-1859 May 17 j 14:44	12° \mathfrak{B} 44'52	0.56123 AU
min. Earth dist.	-1860 Jun 05 j 00:44	2° \mathfrak{I} 11'54	0.57759 AU	inferior conj	-1859 May 19 j 19:38	11° \mathfrak{B} 25'03	-3°29'47
inferior conj	-1860 Jun 08 j 03:45	0° \mathfrak{I} 03'36	-4°21'04	minimum elong	-1859 May 19 j 13:09	11° \mathfrak{B} 34'53	3°28'15
minimum elong	-1860 Jun 08 j 00:23	0° \mathfrak{I} 09'26	4°20'40	morning rise	-1859 May 28 j 09:59	7° \mathfrak{B} 26'42	
	-1860 Jun 08 j 05:51	30° \mathfrak{R} \mathfrak{B}		direct	-1859 May 31 j 00:04	7° \mathfrak{B} 09'48	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning max el	-1859 Jun 10 j 03:49	11° ♄ 51'48	20°01'52			-1858 May 29 j 04:13	0° ♄	
asc. node	-1859 Jun 21 j 22:15	28° ♄ 23'55		asc. node		-1858 Jun 08 j 19:17	17° ♄ 47'08	
	-1859 Jun 22 j 19:12	0° ♄		morning set		-1858 Jun 12 j 14:17	25° ♄ 25'45	
morning set	-1859 Jun 28 j 06:08	10° ♄ 39'44				-1858 Jun 14 j 18:59	0° ♄	
superior conj	-1859 Jul 06 j 02:00	26° ♄ 34'10	1°44'40	superior conj		-1858 Jun 20 j 00:08	10° ♄ 54'53	1°34'20
minimum elong	-1859 Jul 06 j 00:31	26° ♄ 26'49	1°44'39	minimum elong		-1858 Jun 19 j 21:47	10° ♄ 42'40	1°34'09
	-1859 Jul 07 j 19:24	0° ♄		max. Earth dist.		-1858 Jun 23 j 22:10	18° ♄ 54'55	1.35191 AU
max. Earth dist.	-1859 Jul 11 j 10:44	7° ♄ 03'25	1.36797 AU	evening rise		-1858 Jun 28 j 08:33	27° ♄ 35'02	
evening rise	-1859 Jul 15 j 08:51	14° ♄ 21'22				-1858 Jun 29 j 15:16	0° ♄	
	-1859 Jul 24 j 10:27	0° ♄				-1858 Jul 17 j 17:01	0° ♄	
desc. node	-1859 Aug 01 j 20:57	13° ♄ 05'55		desc. node		-1858 Jul 19 j 17:59	2° ♄ 54'50	
	-1859 Aug 14 j 11:58	0° ♄		evening max el		-1858 Aug 02 j 16:51	19° ♄ 46'06	26°43'05
evening max el	-1859 Aug 20 j 05:19	6° ♄ 13'44	25°45'37	retrograde		-1858 Aug 15 j 16:51	27° ♄ 02'54	
retrograde	-1859 Sep 01 j 12:23	13° ♄ 16'53		evening set		-1858 Aug 22 j 09:11	24° ♄ 17'19	
evening set	-1859 Sep 07 j 15:37	10° ♄ 40'49		min. Earth dist.		-1858 Aug 26 j 08:50	20° ♄ 10'56	0.65810 AU
min. Earth dist.	-1859 Sep 11 j 22:50	5° ♄ 56'50	0.66726 AU	inferior conj		-1858 Aug 28 j 02:09	18° ♄ 07'52	-2°28'17
inferior conj	-1859 Sep 13 j 03:52	4° ♄ 24'16	-1°35'24	minimum elong		-1858 Aug 28 j 05:39	17° ♄ 57'26	2°27'01
minimum elong	-1859 Sep 13 j 06:11	4° ♄ 16'52	1°34'27	morning rise		-1858 Sep 03 j 02:32	12° ♄ 24'23	
	-1859 Sep 16 j 23:12	30° ♄		asc. node		-1858 Sep 04 j 18:29	11° ♄ 45'05	
asc. node	-1859 Sep 17 j 21:26	29° ♄ 11'05		direct		-1858 Sep 06 j 01:08	11° ♄ 35'56	
morning rise	-1859 Sep 18 j 20:58	28° ♄ 28'51		morning max el		-1858 Sep 12 j 17:09	15° ♄ 16'42	18°30'58
direct	-1859 Sep 22 j 03:41	27° ♄ 26'45				-1858 Sep 23 j 10:08	0° ♄	
	-1859 Sep 27 j 16:24	0° ♄		morning set		-1858 Oct 02 j 16:03	14° ♄ 51'17	
morning max el	-1859 Sep 29 j 05:55	1° ♄ 27'59	19°15'08			-1858 Oct 12 j 02:53	0° ♄	
	-1859 Oct 19 j 06:13	0° ♄		desc. node		-1858 Oct 15 j 17:24	5° ♄ 42'33	
morning set	-1859 Oct 22 j 11:05	5° ♄ 00'03						
desc. node	-1859 Oct 28 j 20:23	14° ♄ 59'33		superior conj		-1858 Oct 18 j 03:42	9° ♄ 32'24	-0°15'39
max. Earth dist.	-1859 Nov 05 j 13:18	27° ♄ 06'02	1.44639 AU	minimum elong		-1858 Oct 18 j 01:37	9° ♄ 24'13	0°15'23
	-1859 Nov 07 j 09:17	0° ♄		behind sun begin		-1858 Oct 17 j 21:51	9° ♄ 09'23	
				behind sun end		-1858 Oct 18 j 05:23	9° ♄ 39'04	
superior conj	-1859 Nov 08 j 03:39	1° ♄ 12'48	-1°03'23	max. Earth dist.		-1858 Oct 19 j 07:09	11° ♄ 20'28	1.44939 AU
minimum elong	-1859 Nov 07 j 20:25	0° ♄ 44'05	1°02'33			-1858 Oct 31 j 03:50	0° ♄	
evening rise	-1859 Nov 22 j 21:42	25° ♄ 05'08		evening rise		-1858 Nov 03 j 09:22	5° ♄ 06'06	
	-1859 Nov 25 j 21:07	0° ♄		greatest brilliancy		-1858 Nov 12 j 17:21	19° ♄ 49'29	-0.8m
evening max el	-1859 Dec 12 j 14:49	24° ♄ 55'37	18°32'02			-1858 Nov 19 j 10:40	0° ♄	
asc. node	-1859 Dec 14 j 20:38	26° ♄ 54'51		evening max el		-1858 Nov 26 j 00:36	8° ♄ 21'21	19°10'11
retrograde	-1859 Dec 19 j 05:38	28° ♄ 35'41		asc. node		-1858 Dec 01 j 17:42	12° ♄ 12'49	
evening set	-1859 Dec 22 j 06:05	27° ♄ 45'03		retrograde		-1858 Dec 03 j 00:51	12° ♄ 22'16	
inferior conj	-1859 Dec 28 j 03:55	22° ♄ 10'47	3°33'12	evening set		-1858 Dec 06 j 07:38	11° ♄ 19'42	
minimum elong	-1859 Dec 28 j 01:20	22° ♄ 18'20	3°32'42	inferior conj		-1858 Dec 11 j 23:20	5° ♄ 29'41	3°01'35
min. Earth dist.	-1859 Dec 30 j 04:17	19° ♄ 48'58	0.64511 AU	minimum elong		-1858 Dec 11 j 20:22	5° ♄ 39'05	3°00'46
morning rise	-1858 Jan 02 j 20:08	16° ♄ 05'48		min. Earth dist.		-1858 Dec 13 j 09:09	3° ♄ 42'41	0.65807 AU
direct	-1858 Jan 09 j 16:37	13° ♄ 13'53				-1858 Dec 16 j 15:27	30° ♄	
morning max el	-1858 Jan 23 j 03:10	20° ♄ 58'43	27°18'12	morning rise		-1858 Dec 17 j 08:49	29° ♄ 19'31	
desc. node	-1858 Jan 24 j 19:38	22° ♄ 43'10		direct		-1858 Dec 23 j 18:53	26° ♄ 31'04	
	-1858 Jan 30 j 23:54	0° ♄				-1857 Jan 01 j 00:33	0° ♄	
	-1858 Feb 19 j 14:53	0° ♄		morning max el		-1857 Jan 05 j 12:40	4° ♄ 00'22	26°23'06
morning set	-1858 Feb 27 j 10:36	14° ♄ 32'01		desc. node		-1857 Jan 11 j 16:41	10° ♄ 55'15	
max. Earth dist.	-1858 Mar 04 j 05:48	24° ♄ 10'32	1.33789 AU			-1857 Jan 25 j 09:27	0° ♄	
	-1858 Mar 07 j 00:51	0° ♄		morning set		-1857 Feb 10 j 15:17	27° ♄ 43'00	
						-1857 Feb 11 j 20:15	0° ♄	
superior conj	-1858 Mar 07 j 12:02	0° ♄ 58'55	-0°53'31	max. Earth dist.		-1857 Feb 14 j 18:04	5° ♄ 37'42	1.35078 AU
minimum elong	-1858 Mar 07 j 14:28	1° ♄ 11'48	0°53'04					
asc. node	-1858 Mar 12 j 19:57	12° ♄ 19'11		superior conj		-1857 Feb 19 j 10:47	15° ♄ 04'09	-1°17'41
evening rise	-1858 Mar 14 j 19:01	16° ♄ 27'19		minimum elong		-1857 Feb 19 j 14:04	15° ♄ 21'01	1°17'12
	-1858 Mar 21 j 14:44	0° ♄				-1857 Feb 26 j 15:32	0° ♄	
evening max el	-1858 Apr 04 j 21:45	20° ♄ 21'08	22°07'41	evening rise		-1857 Feb 27 j 03:16	1° ♄ 00'27	
retrograde	-1858 Apr 17 j 15:25	26° ♄ 34'17		asc. node		-1857 Feb 27 j 17:00	2° ♄ 11'01	
evening set	-1858 Apr 20 j 09:57	26° ♄ 17'15				-1857 Mar 16 j 13:56	0° ♄	
desc. node	-1858 Apr 22 j 18:42	25° ♄ 37'45		evening max el		-1857 Mar 18 j 00:16	1° ♄ 27'12	20°42'53
min. Earth dist.	-1858 Apr 29 j 04:19	22° ♄ 31'15	0.55189 AU	retrograde		-1857 Mar 29 j 04:30	6° ♄ 48'25	
inferior conj	-1858 Apr 29 j 19:28	22° ♄ 09'53	-1°56'25	evening set		-1857 Mar 31 j 10:24	6° ♄ 36'20	
minimum elong	-1858 Apr 29 j 14:18	22° ♄ 17'10	1°54'43	inferior conj		-1857 Apr 09 j 14:21	2° ♄ 38'55	0°01'00
morning rise	-1858 May 08 j 20:06	18° ♄ 13'24		minimum elong		-1857 Apr 09 j 14:23	2° ♄ 38'51	0°01'00
direct	-1858 May 11 j 14:51	17° ♄ 56'00		transit middle		-1857 Apr 09 j 14:23	2° ♄ 38'51	0°01'00
morning max el	-1858 May 23 j 11:02	23° ♄ 29'22	21°23'09	transit begin		-1857 Apr 09 j 10:20	2° ♄ 44'41	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

transit end	-1857 Apr 09 j 18:27	2° Υ 33'00		evening set	-1856 Mar 11 j 06:30	17° Υ 26'31	
desc. node	-1857 Apr 09 j 15:46	2° Υ 36'52		inferior conj	-1856 Mar 19 j 18:34	13° Υ 21'48	1°49'25
min. Earth dist.	-1857 Apr 10 j 18:12	1° Υ 58'53	0.55181 AU	minimum elong	-1856 Mar 19 j 22:41	13° Υ 15'13	1°48'08
	-1857 Apr 14 j 11:12	30° Υ		min. Earth dist.	-1856 Mar 22 j 08:38	11° Υ 43'03	0.56097 AU
morning rise	-1857 Apr 18 j 17:21	28° Υ 26'13		desc. node	-1856 Mar 26 j 12:49	9° Υ 25'55	
direct	-1857 Apr 22 j 02:37	28° Υ 01'18		morning rise	-1856 Mar 28 j 12:18	8° Υ 39'41	
	-1857 Apr 29 j 09:01	0° Υ		direct	-1856 Apr 01 j 22:40	7° Υ 55'30	
morning max el	-1857 May 05 j 08:08	4° Υ 26'37	22°58'45	morning max el	-1856 Apr 15 j 23:26	15° Υ 00'19	24°38'41
	-1857 May 22 j 21:45	0° Υ			-1856 Apr 27 j 20:15	0° Υ	
asc. node	-1857 May 26 j 16:20	7° Υ 30'55		morning set	-1856 May 11 j 13:22	25° Υ 22'11	
morning set	-1857 May 28 j 01:17	10° Υ 21'47		asc. node	-1856 May 12 j 13:24	27° Υ 29'14	
					-1856 May 13 j 17:37	0° Υ	
superior conj	-1857 Jun 04 j 04:54	25° Υ 36'03	1°18'53				
minimum elong	-1857 Jun 04 j 02:19	25° Υ 22'18	1°18'33	superior conj	-1856 May 18 j 13:53	10° Υ 29'55	0°59'31
	-1857 Jun 06 j 06:46	0° Υ		minimum elong	-1856 May 18 j 11:36	10° Υ 17'35	0°59'08
max. Earth dist.	-1857 Jun 06 j 19:31	1° Υ 06'49	1.33957 AU	max. Earth dist.	-1856 May 20 j 01:34	13° Υ 42'54	1.33097 AU
evening rise	-1857 Jun 11 j 21:47	11° Υ 29'48		evening rise	-1856 May 25 j 20:35	25° Υ 53'34	
	-1857 Jun 21 j 22:52	0° Υ			-1856 May 27 j 21:41	0° Υ	
desc. node	-1857 Jul 06 j 15:01	22° Υ 10'05			-1856 Jun 14 j 09:44	0° Υ	
	-1857 Jul 13 j 03:29	0° Υ		desc. node	-1856 Jun 22 j 12:02	10° Υ 37'37	
evening max el	-1857 Jul 16 j 04:28	3° Υ 06'47	27°17'56	evening max el	-1856 Jun 27 j 14:01	16° Υ 02'40	27°23'44
retrograde	-1857 Jul 29 j 15:44	10° Υ 27'47		retrograde	-1856 Jul 11 j 08:16	23° Υ 22'59	
evening set	-1857 Aug 05 j 17:25	7° Υ 42'19		evening set	-1856 Jul 18 j 12:48	20° Υ 50'04	
min. Earth dist.	-1857 Aug 09 j 10:42	4° Υ 12'17	0.64523 AU	min. Earth dist.	-1856 Jul 22 j 02:42	17° Υ 50'30	0.62875 AU
inferior conj	-1857 Aug 11 j 17:20	1° Υ 43'29	-3°17'05	inferior conj	-1856 Jul 24 j 22:39	15° Υ 04'53	-3°58'14
minimum elong	-1857 Aug 11 j 21:34	1° Υ 31'56	3°15'52	minimum elong	-1856 Jul 25 j 02:43	14° Υ 54'55	3°57'24
	-1857 Aug 13 j 08:08	30° Υ		morning rise	-1856 Jul 31 j 17:45	9° Υ 55'19	
morning rise	-1857 Aug 18 j 02:26	26° Υ 15'17		direct	-1856 Aug 03 j 07:25	9° Υ 24'37	
direct	-1857 Aug 20 j 19:26	25° Υ 37'04		asc. node	-1856 Aug 08 j 12:38	11° Υ 32'31	
asc. node	-1857 Aug 22 j 15:33	25° Υ 54'45		morning max el	-1856 Aug 09 j 22:58	12° Υ 49'15	17°54'33
morning max el	-1857 Aug 27 j 07:43	29° Υ 05'39	18°03'49		-1856 Aug 21 j 15:06	0° Υ	
	-1857 Aug 28 j 04:22	0° Υ		morning set	-1856 Aug 26 j 09:13	8° Υ 23'13	
morning set	-1857 Sep 14 j 01:00	26° Υ 04'02					
	-1857 Sep 16 j 09:01	0° Υ		superior conj	-1856 Sep 06 j 22:45	28° Υ 27'19	1°10'36
superior conj	-1857 Sep 27 j 12:50	18° Υ 22'52	0°32'32	minimum elong	-1856 Sep 07 j 04:07	28° Υ 49'54	1°10'01
minimum elong	-1857 Sep 27 j 16:31	18° Υ 37'43	0°32'03		-1856 Sep 07 j 20:51	0° Υ	
max. Earth dist.	-1857 Oct 02 j 01:17	25° Υ 36'16	1.44502 AU	max. Earth dist.	-1856 Sep 13 j 16:29	9° Υ 34'22	1.43393 AU
desc. node	-1857 Oct 02 j 14:27	26° Υ 28'29		desc. node	-1856 Sep 18 j 11:27	17° Υ 13'44	
	-1857 Oct 04 j 20:02	0° Υ		evening rise	-1856 Sep 22 j 05:13	23° Υ 05'09	
evening rise	-1857 Oct 13 j 23:39	14° Υ 15'24			-1856 Sep 26 j 17:04	0° Υ	
	-1857 Oct 24 j 06:30	0° Υ			-1856 Oct 17 j 15:39	0° Υ	
greatest brilliancy	-1857 Oct 27 j 18:52	5° Υ 16'00	-0.6m	evening max el	-1856 Oct 22 j 05:35	5° Υ 16'11	21°10'53
evening max el	-1857 Nov 09 j 06:00	21° Υ 49'03	20°03'58	retrograde	-1856 Oct 30 j 19:16	10° Υ 21'16	
retrograde	-1857 Nov 16 j 22:07	26° Υ 18'45		evening set	-1856 Nov 03 j 20:45	8° Υ 48'11	
asc. node	-1857 Nov 18 j 14:44	26° Υ 02'16		asc. node	-1856 Nov 04 j 11:48	8° Υ 17'03	
evening set	-1857 Nov 20 j 13:12	25° Υ 02'03		inferior conj	-1856 Nov 09 j 05:42	2° Υ 35'45	1°34'54
inferior conj	-1857 Nov 26 j 00:42	18° Υ 59'12	2°21'21	minimum elong	-1856 Nov 09 j 03:40	2° Υ 42'44	1°34'06
minimum elong	-1857 Nov 25 j 21:58	19° Υ 08'18	2°20'24	min. Earth dist.	-1856 Nov 09 j 14:44	2° Υ 04'43	0.67295 AU
min. Earth dist.	-1857 Nov 26 j 21:23	17° Υ 50'13	0.66728 AU		-1856 Nov 11 j 03:50	30° Υ	
morning rise	-1857 Dec 01 j 06:32	12° Υ 46'01		morning rise	-1856 Nov 14 j 10:26	26° Υ 21'41	
direct	-1857 Dec 07 j 02:38	10° Υ 11'38		direct	-1856 Nov 19 j 15:11	24° Υ 07'26	
morning max el	-1857 Dec 18 j 21:20	17° Υ 11'41	25°07'48		-1856 Nov 29 j 19:12	0° Υ	
desc. node	-1857 Dec 29 j 13:46	29° Υ 57'13		morning max el	-1856 Nov 30 j 06:08	0° Υ 27'17	23°42'09
	-1857 Dec 29 j 14:36	0° Υ		desc. node	-1856 Dec 15 j 10:49	19° Υ 33'59	
	-1856 Jan 18 j 09:08	0° Υ			-1856 Dec 22 j 13:02	0° Υ	
morning set	-1856 Jan 24 j 02:40	9° Υ 57'44		morning set	-1855 Jan 04 j 14:30	20° Υ 59'08	
max. Earth dist.	-1856 Jan 27 j 19:23	16° Υ 42'50	1.36807 AU	max. Earth dist.	-1855 Jan 08 j 15:07	27° Υ 57'19	1.38839 AU
					-1855 Jan 09 j 18:48	0° Υ	
superior conj	-1856 Feb 03 j 00:19	28° Υ 37'05	-1°38'26	superior conj	-1855 Jan 16 j 00:41	11° Υ 26'30	-1°53'17
minimum elong	-1856 Feb 03 j 03:48	28° Υ 54'15	1°38'05	minimum elong	-1855 Jan 16 j 03:11	11° Υ 38'15	1°53'11
	-1856 Feb 03 j 17:06	0° Υ		evening rise	-1855 Jan 25 j 02:49	28° Υ 58'31	
evening rise	-1856 Feb 11 j 06:43	15° Υ 13'21			-1855 Jan 25 j 15:28	0° Υ	
asc. node	-1856 Feb 14 j 14:04	21° Υ 46'21		asc. node	-1855 Jan 31 j 11:06	10° Υ 58'31	
	-1856 Feb 19 j 00:41	0° Υ		evening max el	-1855 Feb 10 j 12:49	25° Υ 25'54	18°45'33
evening max el	-1856 Feb 28 j 13:38	13° Υ 09'12	19°34'30	retrograde	-1855 Feb 18 j 14:21	29° Υ 20'15	
retrograde	-1856 Mar 09 j 00:52	17° Υ 40'30		evening set	-1855 Feb 20 j 23:51	29° Υ 00'54	

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inferior conj	-1855 Feb 28 j 17:34	24° \approx 38'51	3°05'31	inferior conj	-1854 Feb 10 j 13:20	6° \approx 34'43	3°45'36
minimum elong	-1855 Feb 28 j 21:54	24° \approx 30'46	3°04'34	minimum elong	-1854 Feb 10 j 15:31	6° \approx 29'58	3°45'21
min. Earth dist.	-1855 Mar 04 j 01:05	22° \approx 12'13	0.57720 AU	min. Earth dist.	-1854 Feb 13 j 22:15	3° \approx 40'53	0.59722 AU
morning rise	-1855 Mar 08 j 17:15	19° \approx 25'52		morning rise	-1854 Feb 17 j 17:05	0° \approx 58'40	
desc. node	-1855 Mar 13 j 09:54	18° \approx 11'01			-1854 Feb 19 j 15:52	30° \approx 00'	
direct	-1855 Mar 14 j 07:44	18° \approx 08'58		direct	-1854 Feb 24 j 05:32	29° \approx 02'47	
morning max el	-1855 Mar 28 j 15:13	25° \approx 38'06	26°08'22	desc. node	-1854 Feb 28 j 06:58	29° \approx 04'25	
	-1855 Apr 01 j 17:11	0° \approx 00'			-1854 Feb 28 j 22:50	0° \approx 00'	
	-1855 Apr 20 j 22:01	0° \approx 00'		morning max el	-1854 Mar 10 j 12:01	6° \approx 45'04	27°12'59
morning set	-1855 Apr 26 j 00:53	10° \approx 00'46			-1854 Mar 27 j 22:37	0° \approx 00'	
asc. node	-1855 Apr 29 j 10:28	17° \approx 00'36		morning set	-1854 Apr 10 j 10:04	25° \approx 00'11	04
					-1854 Apr 12 j 16:55	0° \approx 00'	
superior conj	-1855 May 03 j 01:06	25° \approx 00'29	35	asc. node	-1854 Apr 16 j 07:29	7° \approx 00'48	18
minimum elong	-1855 May 02 j 23:31	25° \approx 00'21	00				
max. Earth dist.	-1855 May 03 j 12:59	26° \approx 00'34	41	max. Earth dist.	-1854 Apr 17 j 02:03	9° \approx 00'29	51
	-1855 May 05 j 02:36	0° \approx 00'					
evening rise	-1855 May 10 j 01:52	10° \approx 00'36	08	superior conj	-1854 Apr 17 j 12:48	10° \approx 00'28	47
	-1855 May 20 j 04:16	0° \approx 00'		minimum elong	-1854 Apr 17 j 12:14	10° \approx 00'25	37
desc. node	-1855 Jun 09 j 09:02	27° \approx 00'00	36	behind sun begin	-1854 Apr 17 j 09:15	10° \approx 00'09	19
evening max el	-1855 Jun 09 j 18:51	28° \approx 00'00	21	behind sun end	-1854 Apr 17 j 15:12	10° \approx 00'41	55
	-1855 Jun 11 j 14:22	0° \approx 00'		evening rise	-1854 Apr 24 j 11:12	25° \approx 00'29	08
retrograde	-1855 Jun 23 j 17:54	5° \approx 00'39	52		-1854 Apr 26 j 15:28	0° \approx 00'	
evening set	-1855 Jun 30 j 15:10	3° \approx 00'33	22		-1854 May 14 j 04:23	0° \approx 00'	
min. Earth dist.	-1855 Jul 04 j 08:30	0° \approx 00'51	51	evening max el	-1854 May 22 j 17:12	9° \approx 00'55	42
	-1855 Jul 05 j 09:13	30° \approx 00'00		desc. node	-1854 May 27 j 06:04	13° \approx 00'41	34
inferior conj	-1855 Jul 07 j 14:45	28° \approx 00'00	04	retrograde	-1854 Jun 05 j 19:04	17° \approx 00'10	34
minimum elong	-1855 Jul 07 j 17:12	27° \approx 00'00	58	evening set	-1854 Jun 11 j 20:19	15° \approx 00'41	27
morning rise	-1855 Jul 14 j 20:57	23° \approx 00'00	16	min. Earth dist.	-1854 Jun 16 j 05:48	13° \approx 00'00	26
direct	-1855 Jul 17 j 09:16	22° \approx 00'00	11	inferior conj	-1854 Jun 19 j 13:55	10° \approx 00'31	28
morning max el	-1855 Jul 24 j 12:03	26° \approx 00'00	21	minimum elong	-1854 Jun 19 j 12:59	10° \approx 00'33	13
asc. node	-1855 Jul 26 j 09:43	28° \approx 00'00	24	morning rise	-1854 Jun 27 j 08:10	6° \approx 00'05	33
	-1855 Jul 27 j 16:25	0° \approx 00'		direct	-1854 Jun 29 j 20:25	5° \approx 00'44	30
morning set	-1855 Aug 09 j 10:59	21° \approx 00'33	25	morning max el	-1854 Jul 07 j 19:56	9° \approx 00'31	58
	-1855 Aug 14 j 00:31	0° \approx 00'		asc. node	-1854 Jul 13 j 06:46	16° \approx 00'31	22
superior conj	-1855 Aug 19 j 11:59	9° \approx 00'53	29		-1854 Jul 21 j 06:16	0° \approx 00'	
minimum elong	-1855 Aug 19 j 15:51	10° \approx 00'10	35	morning set	-1854 Jul 24 j 01:25	5° \approx 00'21	19
max. Earth dist.	-1855 Aug 27 j 02:03	22° \approx 00'56	49	superior conj	-1854 Aug 01 j 23:51	22° \approx 00'27	23
	-1855 Aug 31 j 08:58	0° \approx 00'		minimum elong	-1854 Aug 02 j 01:18	22° \approx 00'34	07
evening rise	-1855 Sep 01 j 21:01	2° \approx 00'25	08		-1854 Aug 06 j 02:36	0° \approx 00'	
desc. node	-1855 Sep 05 j 08:26	7° \approx 00'55	23	max. Earth dist.	-1854 Aug 09 j 05:59	5° \approx 00'34	15
	-1855 Sep 20 j 03:41	0° \approx 00'		evening rise	-1854 Aug 13 j 11:57	12° \approx 00'50	54
evening max el	-1855 Oct 04 j 23:14	18° \approx 00'43	23	desc. node	-1854 Aug 23 j 05:25	28° \approx 00'29	17
retrograde	-1855 Oct 14 j 14:36	24° \approx 00'27	19		-1854 Aug 24 j 05:05	0° \approx 00'	
evening set	-1855 Oct 19 j 04:29	22° \approx 00'36	10		-1854 Sep 15 j 09:49	0° \approx 00'	
asc. node	-1855 Oct 22 j 08:51	19° \approx 00'11	33	evening max el	-1854 Sep 17 j 12:30	2° \approx 00'12	34
inferior conj	-1855 Oct 24 j 12:25	16° \approx 00'17	45	retrograde	-1854 Sep 28 j 06:47	8° \approx 00'33	19
minimum elong	-1855 Oct 24 j 11:24	16° \approx 00'21	15	evening set	-1854 Oct 03 j 10:39	6° \approx 00'23	33
min. Earth dist.	-1855 Oct 24 j 10:53	16° \approx 00'23	04	inferior conj	-1854 Oct 08 j 19:04	0° \approx 00'02	56
morning rise	-1855 Oct 29 j 18:12	10° \approx 00'05	08	minimum elong	-1854 Oct 08 j 19:17	0° \approx 00'02	11
direct	-1855 Nov 03 j 07:57	8° \approx 00'13	02	transit middle	-1854 Oct 08 j 19:17	0° \approx 00'02	11
morning max el	-1855 Nov 12 j 17:57	13° \approx 00'47	56	transit begin	-1854 Oct 08 j 17:03	0° \approx 00'09	48
	-1855 Nov 25 j 16:21	0° \approx 00'		transit end	-1854 Oct 08 j 21:31	29° \approx 00'54	34
desc. node	-1855 Dec 02 j 07:51	9° \approx 00'35	46	min. Earth dist.	-1854 Oct 08 j 07:18	0° \approx 00'43	01
morning set	-1855 Dec 15 j 21:44	0° \approx 00'36	50		-1854 Oct 08 j 19:55	30° \approx 00'00	
	-1855 Dec 15 j 12:37	0° \approx 00'		asc. node	-1854 Oct 09 j 05:55	29° \approx 00'26	01
max. Earth dist.	-1855 Dec 21 j 12:36	9° \approx 00'52	53	morning rise	-1854 Oct 14 j 03:51	23° \approx 00'54	30
superior conj	-1855 Dec 29 j 06:59	23° \approx 00'20	18	direct	-1854 Oct 18 j 04:00	22° \approx 00'23	48
minimum elong	-1855 Dec 29 j 06:47	23° \approx 00'19	24	morning max el	-1854 Oct 26 j 11:45	27° \approx 00'16	04
	-1854 Jan 01 j 23:26	0° \approx 00'			-1854 Oct 28 j 23:42	0° \approx 00'	
evening rise	-1854 Jan 08 j 12:27	12° \approx 00'30	08	desc. node	-1854 Nov 19 j 04:52	29° \approx 00'55	03
asc. node	-1854 Jan 18 j 08:07	29° \approx 00'30	40		-1854 Nov 19 j 06:09	0° \approx 00'	
	-1854 Jan 18 j 13:06	0° \approx 00'		morning set	-1854 Nov 25 j 03:06	9° \approx 00'03	37
evening max el	-1854 Jan 24 j 19:24	8° \approx 00'11	05	max. Earth dist.	-1854 Dec 03 j 16:46	22° \approx 00'42	12
retrograde	-1854 Jan 31 j 22:17	11° \approx 00'44	09		-1854 Dec 08 j 03:10	0° \approx 00'	
evening set	-1854 Feb 03 j 11:54	11° \approx 00'17	29	superior conj	-1854 Dec 10 j 13:40	4° \approx 00'05	24
				minimum elong	-1854 Dec 10 j 09:14	3° \approx 00'46	42

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening rise	-1854 Dec 22 j 07:46	24° ♄ 35'58		evening rise	-1853 Dec 04 j 08:20	6° ♄ 11'10	
	-1854 Dec 25 j 08:25	0° ♄			-1853 Dec 19 j 00:25	0° ♄	
asc. node	-1853 Jan 05 j 05:09	17° ♄ 42'10		evening max el	-1853 Dec 22 j 19:05	4° ♄ 34'08	18°17'59
evening max el	-1853 Jan 08 j 06:29	21° ♄ 16'39	18°07'51	asc. node	-1853 Dec 23 j 02:12	4° ♄ 51'52	
retrograde	-1853 Jan 14 j 21:26	24° ♄ 42'49		retrograde	-1853 Dec 29 j 07:29	8° ♄ 05'50	
evening set	-1853 Jan 17 j 14:56	24° ♄ 07'37		evening set	-1852 Jan 01 j 05:11	7° ♄ 21'04	
inferior conj	-1853 Jan 24 j 03:19	19° ♄ 03'45	3°56'27	inferior conj	-1852 Jan 07 j 07:33	1° ♄ 57'10	3°46'10
minimum elong	-1853 Jan 24 j 03:03	19° ♄ 04'23	3°56'24	minimum elong	-1852 Jan 07 j 05:34	2° ♄ 02'42	3°45'53
min. Earth dist.	-1853 Jan 27 j 02:48	16° ♄ 07'28	0.61765 AU		-1852 Jan 09 j 01:37	30° ♄	
morning rise	-1853 Jan 30 j 13:57	13° ♄ 12'59		min. Earth dist.	-1852 Jan 09 j 16:38	29° ♄ 19'04	0.63607 AU
direct	-1853 Feb 06 j 13:34	10° ♄ 44'12		morning rise	-1852 Jan 13 j 05:20	25° ♄ 56'43	
desc. node	-1853 Feb 15 j 04:03	13° ♄ 55'35		direct	-1852 Jan 20 j 05:26	23° ♄ 08'59	
morning max el	-1853 Feb 20 j 14:54	18° ♄ 32'11	27°43'19		-1852 Feb 01 j 23:08	0° ♄	
	-1853 Mar 02 j 07:31	0° ♄		desc. node	-1852 Feb 02 j 01:06	0° ♄ 04'42	
	-1853 Mar 20 j 16:13	0° ♄		morning max el	-1852 Feb 02 j 22:22	0° ♄ 56'23	27°37'06
morning set	-1853 Mar 25 j 14:59	9° ♄ 46'20			-1852 Feb 24 j 09:23	0° ♄	
max. Earth dist.	-1853 Mar 31 j 13:02	22° ♄ 15'34	1.32656 AU	morning set	-1852 Mar 08 j 13:09	23° ♄ 57'09	
					-1852 Mar 11 j 12:45	0° ♄	
superior conj	-1853 Apr 01 j 23:23	25° ♄ 21'54	-0°12'47	max. Earth dist.	-1852 Mar 13 j 18:03	4° ♄ 37'41	1.33260 AU
minimum elong	-1853 Apr 01 j 23:59	25° ♄ 25'07	0°12'39				
behind sun begin	-1853 Apr 01 j 20:53	25° ♄ 08'17		superior conj	-1852 Mar 16 j 07:02	10° ♄ 01'37	-0°38'47
behind sun end	-1853 Apr 02 j 03:04	25° ♄ 41'56		minimum elong	-1852 Mar 16 j 08:50	10° ♄ 11'13	0°38'26
asc. node	-1853 Apr 03 j 04:30	28° ♄ 00'28		asc. node	-1852 Mar 20 j 01:32	18° ♄ 08'09	
	-1853 Apr 04 j 02:26	0° ♄		evening rise	-1852 Mar 23 j 10:14	25° ♄ 18'16	
evening rise	-1853 Apr 08 j 22:37	10° ♄ 25'44			-1852 Mar 25 j 16:34	0° ♄	
	-1853 Apr 19 j 01:05	0° ♄			-1852 Apr 13 j 13:32	0° ♄	
evening max el	-1853 May 04 j 10:00	20° ♄ 52'24	24°35'35	evening max el	-1852 Apr 15 j 01:33	1° ♄ 30'49	23°01'15
desc. node	-1853 May 14 j 03:06	27° ♄ 14'08		retrograde	-1852 Apr 28 j 09:59	8° ♄ 07'10	
retrograde	-1853 May 18 j 09:04	27° ♄ 55'37		desc. node	-1852 Apr 30 j 00:10	8° ♄ 01'32	
evening set	-1853 May 23 j 03:17	27° ♄ 04'29		evening set	-1852 May 01 j 19:27	7° ♄ 41'58	
min. Earth dist.	-1853 May 28 j 21:49	24° ♄ 07'51	0.56992 AU	min. Earth dist.	-1852 May 09 j 11:19	4° ♄ 17'59	0.55629 AU
inferior conj	-1853 May 31 j 17:23	22° ♄ 18'34	-4°04'42	inferior conj	-1852 May 11 j 01:30	3° ♄ 22'36	-2°54'49
minimum elong	-1853 May 31 j 12:21	22° ♄ 26'47	4°03'52	minimum elong	-1852 May 10 j 18:54	3° ♄ 32'11	2°52'58
morning rise	-1853 Jun 09 j 00:21	18° ♄ 11'56			-1852 May 17 j 20:55	30° ♄	
direct	-1853 Jun 11 j 13:27	17° ♄ 53'53		morning rise	-1852 May 19 j 20:46	29° ♄ 26'56	
morning max el	-1853 Jun 20 j 19:42	22° ♄ 12'13	19°23'40	direct	-1852 May 22 j 12:21	29° ♄ 10'10	
	-1853 Jun 27 j 04:18	0° ♄			-1852 May 26 j 22:41	0° ♄	
asc. node	-1853 Jun 30 j 03:49	4° ♄ 47'23		morning max el	-1852 Jun 02 j 09:02	4° ♄ 12'57	20°34'16
morning set	-1853 Jul 08 j 00:51	19° ♄ 37'37		asc. node	-1852 Jun 16 j 00:52	23° ♄ 54'56	
	-1853 Jul 13 j 05:11	0° ♄			-1852 Jun 19 j 04:06	0° ♄	
				morning set	-1852 Jun 21 j 06:28	4° ♄ 14'28	
superior conj	-1853 Jul 16 j 04:39	5° ♄ 53'03	1°47'40				
minimum elong	-1853 Jul 16 j 04:02	5° ♄ 50'02	1°47'42	superior conj	-1852 Jun 28 j 21:31	19° ♄ 56'28	1°41'00
max. Earth dist.	-1853 Jul 22 j 08:26	17° ♄ 35'40	1.37863 AU	minimum elong	-1852 Jun 28 j 19:35	19° ♄ 46'37	1°40'55
evening rise	-1853 Jul 26 j 04:14	24° ♄ 30'08		max. Earth dist.	-1852 Jul 03 j 15:23	29° ♄ 24'06	1.36076 AU
	-1853 Jul 29 j 08:10	0° ♄			-1852 Jul 07 j 22:47	0° ♄	
desc. node	-1853 Aug 10 j 02:24	18° ♄ 50'44		evening rise	-1852 Jul 07 j 17:54	7° ♄ 12'45	
	-1853 Aug 17 j 21:03	0° ♄			-1852 Jul 21 j 01:46	0° ♄	
evening max el	-1853 Aug 30 j 23:53	15° ♄ 45'44	25°05'19	desc. node	-1852 Jul 26 j 23:26	8° ♄ 53'44	
retrograde	-1853 Sep 11 j 18:46	22° ♄ 35'48		evening max el	-1852 Aug 12 j 11:16	29° ♄ 20'24	26°12'27
evening set	-1853 Sep 17 j 13:32	20° ♄ 08'34			-1852 Aug 13 j 03:49	0° ♄	
min. Earth dist.	-1853 Sep 22 j 01:33	15° ♄ 03'10	0.67095 AU	retrograde	-1852 Aug 25 j 01:59	6° ♄ 29'48	
inferior conj	-1853 Sep 22 j 23:56	13° ♄ 49'38	-1°04'01	evening set	-1852 Aug 31 j 11:10	3° ♄ 48'56	
minimum elong	-1853 Sep 23 j 01:29	13° ♄ 44'30	1°03'21		-1852 Sep 04 j 02:18	30° ♄	
asc. node	-1853 Sep 26 j 02:59	9° ♄ 58'49		min. Earth dist.	-1852 Sep 04 j 15:08	29° ♄ 20'56	0.66381 AU
morning rise	-1853 Sep 28 j 13:30	7° ♄ 48'25		inferior conj	-1852 Sep 06 j 01:12	27° ♄ 35'16	-1°58'08
direct	-1853 Oct 02 j 02:01	6° ♄ 36'39		minimum elong	-1852 Sep 06 j 04:03	27° ♄ 26'24	1°57'02
morning max el	-1853 Oct 09 j 13:00	10° ♄ 53'39	19°47'37	morning rise	-1852 Sep 11 j 21:12	21° ♄ 44'31	
	-1853 Oct 23 j 17:53	0° ♄		asc. node	-1852 Sep 12 j 00:03	21° ♄ 40'23	
morning set	-1853 Nov 04 j 00:37	17° ♄ 15'39		direct	-1852 Sep 15 j 00:17	20° ♄ 48'30	
desc. node	-1853 Nov 06 j 01:51	20° ♄ 26'38		morning max el	-1852 Sep 21 j 21:11	24° ♄ 39'35	18°54'24
	-1853 Nov 12 j 04:33	0° ♄			-1852 Sep 26 j 08:13	0° ♄	
max. Earth dist.	-1853 Nov 16 j 04:34	6° ♄ 19'44	1.44149 AU	morning set	-1852 Oct 13 j 14:16	26° ♄ 21'28	
					-1852 Oct 15 j 21:36	0° ♄	
superior conj	-1853 Nov 20 j 17:08	13° ♄ 34'46	-1°25'43	desc. node	-1852 Oct 22 j 22:52	11° ♄ 06'42	
minimum elong	-1853 Nov 20 j 09:30	13° ♄ 03'57	1°25'00	max. Earth dist.	-1852 Oct 28 j 21:49	20° ♄ 29'00	1.44860 AU
	-1853 Nov 30 j 16:24	0° ♄					

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1852 Oct 29 j 22:22	22° Ω 05'43	-0°44'03	desc. node	-1851 Oct 09 j 19:52	1° Ω 51'14	
minimum elong	-1852 Oct 29 j 16:47	21° Ω 43'42	0°43'22	max. Earth dist.	-1851 Oct 11 j 16:30	4° Ω 47'27	1.44836 AU
	-1852 Nov 03 j 22:22	0° \mathbb{M}		evening rise	-1851 Oct 25 j 11:55	26° Ω 25'08	
evening rise	-1852 Nov 14 j 10:10	16° \mathbb{M} 48'11			-1851 Oct 27 j 19:00	0° \mathbb{M}	
	-1852 Nov 22 j 14:07	0° \mathcal{A}		greatest brilliancy	-1851 Nov 06 j 00:40	14° \mathbb{M} 17'53	-0.7m
evening max el	-1852 Dec 05 j 06:36	17° \mathcal{A} 58'20	18°46'10		-1851 Nov 17 j 07:30	0° \mathcal{A}	
asc. node	-1852 Dec 08 j 23:15	20° \mathcal{A} 55'29		evening max el	-1851 Nov 18 j 14:40	1° \mathcal{A} 24'50	19°31'11
retrograde	-1852 Dec 12 j 00:26	21° \mathcal{A} 46'02		retrograde	-1851 Nov 25 j 20:59	5° \mathcal{A} 37'26	
evening set	-1852 Dec 15 j 03:27	20° \mathcal{A} 50'23		asc. node	-1851 Nov 25 j 20:19	5° \mathcal{A} 37'26	
inferior conj	-1852 Dec 20 j 22:24	15° \mathcal{A} 08'51	3°21'02	evening set	-1851 Nov 29 j 07:00	4° \mathcal{A} 29'07	
minimum elong	-1852 Dec 20 j 19:34	15° \mathcal{A} 17'27	3°20'23		-1851 Dec 03 j 17:34	30° $\mathcal{R}\mathbb{M}$	
min. Earth dist.	-1852 Dec 22 j 16:19	13° \mathcal{A} 01'30	0.65113 AU	inferior conj	-1851 Dec 04 j 20:41	28° \mathbb{M} 32'57	2°45'25
morning rise	-1852 Dec 26 j 11:21	9° \mathcal{A} 01'30		minimum elong	-1851 Dec 04 j 17:45	28° \mathbb{M} 42'29	2°44'31
direct	-1851 Jan 02 j 03:57	6° \mathcal{A} 09'53		min. Earth dist.	-1851 Dec 06 j 00:38	27° \mathbb{M} 02'08	0.66242 AU
morning max el	-1851 Jan 15 j 08:03	13° \mathcal{A} 48'51	26°57'52	morning rise	-1851 Dec 10 j 04:15	22° \mathbb{M} 21'04	
desc. node	-1851 Jan 18 j 22:10	17° \mathcal{A} 39'42		direct	-1851 Dec 16 j 08:31	19° \mathbb{M} 37'49	
	-1851 Jan 28 j 12:27	0° \mathcal{B}		morning max el	-1851 Dec 28 j 17:30	26° \mathbb{M} 56'41	25°53'00
	-1851 Feb 16 j 00:40	0° \approx			-1851 Dec 31 j 14:26	0° \mathcal{A}	
morning set	-1851 Feb 20 j 01:24	7° \approx 33'39		desc. node	-1850 Jan 05 j 19:13	6° \mathcal{A} 15'06	
max. Earth dist.	-1851 Feb 24 j 13:29	16° \approx 26'58	1.34292 AU		-1850 Jan 22 j 03:37	0° \mathcal{B}	
				morning set	-1850 Feb 02 j 23:28	20° \mathcal{B} 23'01	
superior conj	-1851 Feb 28 j 09:44	24° \approx 21'31	-1°04'03	max. Earth dist.	-1850 Feb 06 j 20:59	27° \mathcal{B} 42'58	1.35767 AU
minimum elong	-1851 Feb 28 j 12:35	24° \approx 36'25	1°03'34		-1850 Feb 08 j 01:20	0° \approx	
	-1851 Mar 03 j 02:09	0° \mathcal{H}					
asc. node	-1851 Mar 06 j 22:34	8° \mathcal{H} 07'13		superior conj	-1850 Feb 12 j 04:58	8° \approx 14'02	-1°27'02
evening rise	-1851 Mar 07 j 20:17	10° \mathcal{H} 00'31		minimum elong	-1850 Feb 12 j 08:26	8° \approx 31'36	1°26'35
	-1851 Mar 18 j 10:28	0° \mathcal{Y}		evening rise	-1850 Feb 20 j 02:47	24° \approx 26'04	
evening max el	-1851 Mar 27 j 22:25	12° \mathcal{Y} 19'36	21°29'45	asc. node	-1850 Feb 21 j 19:38	27° \approx 52'56	
retrograde	-1851 Apr 09 j 01:07	18° \mathcal{Y} 11'39			-1850 Feb 22 j 21:08	0° \mathcal{H}	
evening set	-1851 Apr 11 j 12:33	17° \mathcal{Y} 57'43		evening max el	-1850 Mar 10 j 05:24	23° \mathcal{H} 40'20	20°11'27
desc. node	-1851 Apr 16 j 21:15	16° \mathcal{Y} 05'11		retrograde	-1850 Mar 20 j 16:14	28° \mathcal{H} 39'50	
inferior conj	-1851 Apr 20 j 21:23	13° \mathcal{Y} 56'27	-1°07'36	evening set	-1850 Mar 22 j 20:45	28° \mathcal{H} 27'38	
minimum elong	-1851 Apr 20 j 18:13	14° \mathcal{Y} 00'53	1°06'29	inferior conj	-1850 Mar 31 j 18:42	24° \mathcal{H} 28'38	0°49'59
min. Earth dist.	-1851 Apr 21 j 00:33	13° \mathcal{Y} 52'00	0.55074 AU	minimum elong	-1850 Mar 31 j 20:53	24° \mathcal{H} 25'21	0°49'13
morning rise	-1851 Apr 30 j 00:25	9° \mathcal{Y} 55'44		min. Earth dist.	-1850 Apr 02 j 14:44	23° \mathcal{H} 22'56	0.55461 AU
direct	-1851 May 02 j 23:58	9° \mathcal{Y} 36'18		desc. node	-1850 Apr 03 j 18:18	22° \mathcal{H} 43'04	
morning max el	-1851 May 15 j 11:35	15° \mathcal{Y} 31'46	22°02'38	morning rise	-1850 Apr 09 j 19:09	20° \mathcal{H} 04'11	
	-1851 May 26 j 14:17	0° \mathcal{B}		direct	-1850 Apr 13 j 13:45	19° \mathcal{H} 32'59	
asc. node	-1851 Jun 02 j 21:54	13° \mathcal{B} 27'36		morning max el	-1850 Apr 27 j 05:45	26° \mathcal{H} 17'24	23°41'37
morning set	-1851 Jun 05 j 16:02	19° \mathcal{B} 05'17			-1850 Apr 30 j 18:27	0° \mathcal{Y}	
	-1851 Jun 10 j 20:14	0° \mathbb{I}			-1850 May 19 j 04:30	0° \mathcal{B}	
				asc. node	-1850 May 20 j 18:58	3° \mathcal{B} 18'45	
superior conj	-1851 Jun 12 j 22:46	4° \mathbb{I} 26'35	1°28'19	morning set	-1850 May 21 j 03:42	4° \mathcal{B} 04'31	
minimum elong	-1851 Jun 12 j 20:15	4° \mathbb{I} 13'20	1°28'04				
max. Earth dist.	-1851 Jun 16 j 07:06	11° \mathbb{I} 23'12	1.34617 AU	superior conj	-1850 May 28 j 05:38	19° \mathcal{B} 14'53	1°11'06
evening rise	-1851 Jun 20 j 23:50	20° \mathbb{I} 44'46		minimum elong	-1850 May 28 j 03:08	19° \mathcal{B} 01'25	1°10'43
	-1851 Jun 25 j 22:18	0° \mathcal{B}		max. Earth dist.	-1850 May 30 j 08:19	23° \mathcal{B} 45'36	1.33538 AU
desc. node	-1851 Jul 13 j 20:29	28° \mathcal{B} 29'41			-1850 Jun 02 j 07:49	0° \mathbb{I}	
	-1851 Jul 14 j 23:12	0° \mathcal{Q}		evening rise	-1850 Jun 04 j 17:35	4° \mathbb{I} 53'45	
evening max el	-1851 Jul 25 j 22:51	12° \mathcal{Q} 48'27	27°01'07		-1850 Jun 18 j 14:28	0° \mathcal{B}	
retrograde	-1851 Aug 08 j 04:00	20° \mathcal{Q} 07'51		desc. node	-1850 Jun 30 j 17:31	17° \mathcal{B} 27'17	
evening set	-1851 Aug 15 j 01:06	17° \mathcal{Q} 20'39		evening max el	-1850 Jul 08 j 09:38	25° \mathcal{B} 59'50	27°24'14
min. Earth dist.	-1851 Aug 18 j 21:45	13° \mathcal{Q} 30'29	0.65306 AU		-1850 Jul 13 j 04:36	0° \mathcal{Q}	
inferior conj	-1851 Aug 20 j 20:44	11° \mathcal{Q} 15'34	-2°49'42	retrograde	-1850 Jul 22 j 00:28	3° \mathcal{Q} 21'53	
minimum elong	-1851 Aug 21 j 00:37	11° \mathcal{Q} 04'23	2°48'24	evening set	-1850 Jul 29 j 04:23	0° \mathcal{Q} 39'44	
morning rise	-1851 Aug 27 j 00:41	5° \mathcal{Q} 38'29			-1850 Jul 30 j 00:29	30° $\mathcal{R}\mathcal{B}$	
direct	-1851 Aug 29 j 20:39	4° \mathcal{Q} 54'46		min. Earth dist.	-1850 Aug 01 j 19:32	27° \mathcal{B} 23'56	0.63859 AU
asc. node	-1851 Aug 29 j 21:07	4° \mathcal{Q} 54'46		inferior conj	-1850 Aug 04 j 08:05	24° \mathcal{B} 46'11	-3°35'49
morning max el	-1851 Sep 05 j 10:12	8° \mathcal{Q} 29'06	18°17'24	minimum elong	-1850 Aug 04 j 12:23	24° \mathcal{B} 34'56	3°34'42
	-1851 Sep 20 j 04:10	0° \mathbb{M}		morning rise	-1850 Aug 10 j 21:19	19° \mathcal{B} 25'49	
morning set	-1851 Sep 24 j 07:22	6° \mathbb{M} 48'12		direct	-1850 Aug 13 j 12:32	18° \mathcal{B} 51'15	
				asc. node	-1850 Aug 16 j 18:11	19° \mathcal{B} 43'43	
superior conj	-1851 Oct 08 j 23:30	0° \mathcal{B} 30'36	0°05'31	morning max el	-1850 Aug 20 j 01:28	22° \mathcal{B} 17'15	17°57'40
minimum elong	-1851 Oct 09 j 00:13	0° \mathcal{B} 33'24	0°05'26		-1850 Aug 26 j 00:54	0° \mathcal{Q}	
behind sun begin	-1851 Oct 08 j 13:41	29° \mathbb{M} 51'40		morning set	-1850 Sep 06 j 02:53	18° \mathcal{Q} 31'04	
behind sun end	-1851 Oct 09 j 10:44	1° \mathcal{B} 15'06			-1850 Sep 12 j 20:10	0° \mathbb{M}	
	-1851 Oct 08 j 15:47	0° \mathcal{B}					

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1850 Sep 18 j 18:08	9° \mathbb{M} 50'01	0°50'17	minimum elong	-1849 Aug 30 j 20:53	20° Ω 51'04	1°22'07
minimum elong	-1850 Sep 18 j 23:05	10° \mathbb{M} 10'14	0°49'40		-1849 Sep 05 j 07:07	0° \mathbb{M}	
max. Earth dist.	-1850 Sep 24 j 09:10	18° \mathbb{M} 55'54	1.44099 AU	max. Earth dist.	-1849 Sep 06 j 21:41	2° \mathbb{M} 38'48	1.42750 AU
desc. node	-1850 Sep 26 j 16:54	22° \mathbb{M} 37'28		desc. node	-1849 Sep 13 j 13:54	13° \mathbb{M} 21'47	
	-1850 Oct 01 j 09:40	0° $\underline{\mathbb{A}}$		evening rise	-1849 Sep 14 j 03:53	14° \mathbb{M} 16'40	
evening rise	-1850 Oct 04 j 20:16	5° $\underline{\mathbb{A}}$ 20'08			-1849 Sep 24 j 10:46	0° $\underline{\mathbb{A}}$	
	-1850 Oct 21 j 05:46	0° \mathbb{M}		evening max el	-1849 Oct 15 j 14:38	28° $\underline{\mathbb{A}}$ 19'27	21°42'36
evening max el	-1850 Nov 01 j 17:36	14° \mathbb{M} 52'02	20°31'00		-1849 Oct 17 j 08:32	0° \mathbb{M}	
retrograde	-1850 Nov 09 j 18:29	19° \mathbb{M} 36'38		retrograde	-1849 Oct 24 j 14:58	3° \mathbb{M} 40'49	
asc. node	-1850 Nov 12 j 17:22	18° \mathbb{M} 46'30		evening set	-1849 Oct 28 j 21:27	2° \mathbb{M} 00'26	
evening set	-1850 Nov 13 j 13:38	18° \mathbb{M} 13'23		asc. node	-1849 Oct 30 j 14:24	0° \mathbb{M} 24'02	
inferior conj	-1850 Nov 18 j 23:51	12° \mathbb{M} 06'01	2°02'17		-1849 Oct 30 j 23:05	30° \mathbb{R} $\underline{\mathbb{A}}$	
minimum elong	-1850 Nov 18 j 21:22	12° \mathbb{M} 14'26	2°01'23	inferior conj	-1849 Nov 03 j 05:48	25° $\underline{\mathbb{A}}$ 45'14	1°13'49
min. Earth dist.	-1850 Nov 19 j 15:29	11° \mathbb{M} 13'04	0.67007 AU	minimum elong	-1849 Nov 03 j 04:09	25° $\underline{\mathbb{A}}$ 50'53	1°13'09
morning rise	-1850 Nov 24 j 04:54	5° \mathbb{M} 51'53		min. Earth dist.	-1849 Nov 03 j 10:20	25° $\underline{\mathbb{A}}$ 29'34	0.67434 AU
direct	-1850 Nov 29 j 18:28	3° \mathbb{M} 25'27		morning rise	-1849 Nov 08 j 10:42	19° $\underline{\mathbb{A}}$ 31'25	
morning max el	-1850 Dec 11 j 01:59	10° \mathbb{M} 10'15	24°31'59	direct	-1849 Nov 13 j 09:04	17° $\underline{\mathbb{A}}$ 26'13	
desc. node	-1850 Dec 23 j 16:15	25° \mathbb{M} 33'23		morning max el	-1849 Nov 23 j 11:27	23° $\underline{\mathbb{A}}$ 27'06	23°04'54
	-1850 Dec 26 j 20:12	0° \mathbb{X}			-1849 Nov 29 j 05:39	0° \mathbb{M}	
	-1849 Jan 14 j 20:00	0° \mathbb{Z}		desc. node	-1849 Dec 10 j 13:17	15° \mathbb{M} 22'08	
morning set	-1849 Jan 16 j 01:40	2° \mathbb{Z} 09'09			-1849 Dec 20 j 06:16	0° \mathbb{X}	
max. Earth dist.	-1849 Jan 19 j 18:37	8° \mathbb{Z} 46'00	1.37641 AU	morning set	-1849 Dec 28 j 01:45	12° \mathbb{X} 35'57	
				max. Earth dist.	-1848 Jan 01 j 13:58	20° \mathbb{X} 14'19	1.39733 AU
					-1848 Jan 07 j 02:34	0° \mathbb{Z}	
superior conj	-1849 Jan 26 j 13:26	21° \mathbb{Z} 30'05	-1°45'38				
minimum elong	-1849 Jan 26 j 16:40	21° \mathbb{Z} 45'46	1°45'24				
	-1849 Jan 30 j 21:23	0° \approx		superior conj	-1848 Jan 09 j 06:51	3° \mathbb{Z} 58'29	-1°57'00
evening rise	-1849 Feb 04 j 03:28	8° \approx 28'07		minimum elong	-1848 Jan 09 j 08:26	4° \mathbb{Z} 05'46	1°57'00
asc. node	-1849 Feb 08 j 16:41	17° \approx 19'26		evening rise	-1848 Jan 18 j 19:33	21° \mathbb{Z} 59'54	
	-1849 Feb 16 j 05:44	0° \mathbb{X}			-1848 Jan 23 j 00:57	0° \approx	
evening max el	-1849 Feb 20 j 23:16	5° \mathbb{X} 38'27	19°11'16	asc. node	-1848 Jan 26 j 13:43	6° \approx 20'12	
retrograde	-1849 Mar 01 j 19:01	9° \mathbb{X} 51'56		evening max el	-1848 Feb 04 j 02:05	18° \approx 09'30	18°30'54
evening set	-1849 Mar 04 j 02:00	9° \mathbb{X} 36'05		retrograde	-1848 Feb 11 j 16:20	21° \approx 52'28	
inferior conj	-1849 Mar 12 j 06:16	5° \mathbb{X} 25'13	2°26'14	evening set	-1848 Feb 14 j 03:49	21° \approx 30'03	
minimum elong	-1849 Mar 12 j 10:55	5° \mathbb{X} 17'17	2°24'57	inferior conj	-1848 Feb 21 j 14:15	16° \approx 59'31	3°26'34
min. Earth dist.	-1849 Mar 15 j 06:09	3° \mathbb{X} 23'46	0.56715 AU	minimum elong	-1848 Feb 21 j 17:50	16° \approx 52'24	3°25'58
morning rise	-1849 Mar 20 j 16:57	0° \mathbb{X} 29'06		min. Earth dist.	-1848 Feb 25 j 00:10	14° \approx 18'27	0.58550 AU
desc. node	-1849 Mar 21 j 15:22	0° \mathbb{X} 09'52		morning rise	-1848 Feb 29 j 05:24	11° \approx 35'58	
	-1849 Mar 22 j 05:02	30° \mathbb{R} \approx		direct	-1848 Mar 06 j 06:38	10° \approx 02'24	
direct	-1849 Mar 25 j 15:35	29° \approx 32'10		desc. node	-1848 Mar 07 j 12:25	10° \approx 06'18	
	-1849 Mar 29 j 02:12	0° \mathbb{X}		morning max el	-1848 Mar 20 j 13:53	17° \approx 37'39	26°39'29
morning max el	-1849 Apr 08 j 20:33	6° \mathbb{X} 49'55	25°18'57		-1848 Mar 30 j 20:24	0° \mathbb{X}	
	-1849 Apr 25 j 19:10	0° \mathbb{Y}			-1848 Apr 17 j 03:46	0° \mathbb{Y}	
morning set	-1849 May 05 j 15:44	19° \mathbb{Y} 05'04		morning set	-1848 Apr 19 j 02:29	4° \mathbb{Y} 01'12	
asc. node	-1849 May 07 j 16:01	23° \mathbb{Y} 21'44		asc. node	-1848 Apr 23 j 13:04	13° \mathbb{Y} 31'49	
	-1849 May 10 j 17:30	0° \mathbb{X}					
				superior conj	-1848 Apr 26 j 03:26	19° \mathbb{Y} 13'07	0°27'07
superior conj	-1849 May 12 j 15:48	4° \mathbb{X} 12'33	0°50'24	minimum elong	-1848 Apr 26 j 02:16	19° \mathbb{Y} 06'40	0°26'53
minimum elong	-1849 May 12 j 13:47	4° \mathbb{X} 01'33	0°50'01	max. Earth dist.	-1848 Apr 26 j 05:33	19° \mathbb{Y} 24'42	1.32493 AU
max. Earth dist.	-1849 May 13 j 16:54	6° \mathbb{X} 29'11	1.32836 AU		-1848 May 01 j 02:26	0° \mathbb{X}	
evening rise	-1849 May 19 j 19:29	19° \mathbb{X} 27'09		evening rise	-1848 May 03 j 02:47	4° \mathbb{X} 15'46	
	-1849 May 25 j 03:28	0° \mathbb{II}			-1848 May 16 j 22:23	0° \mathbb{II}	
	-1849 Jun 12 j 23:36	0° \mathbb{E}		evening max el	-1848 Jun 01 j 19:58	20° \mathbb{II} 42'37	26°35'40
desc. node	-1849 Jun 17 j 14:32	5° \mathbb{E} 29'22		desc. node	-1848 Jun 03 j 11:33	22° \mathbb{II} 12'45	
evening max el	-1849 Jun 20 j 17:31	8° \mathbb{E} 41'33	27°16'27	retrograde	-1848 Jun 15 j 20:26	27° \mathbb{II} 59'07	
retrograde	-1849 Jul 04 j 14:28	16° \mathbb{E} 01'37		evening set	-1848 Jun 22 j 10:45	26° \mathbb{II} 07'59	
evening set	-1849 Jul 11 j 17:03	13° \mathbb{E} 38'28		min. Earth dist.	-1848 Jun 26 j 09:18	23° \mathbb{II} 28'40	0.60063 AU
min. Earth dist.	-1849 Jul 15 j 07:19	10° \mathbb{E} 48'10	0.62074 AU	inferior conj	-1848 Jun 29 j 17:32	20° \mathbb{II} 46'41	-4°31'55
inferior conj	-1849 Jul 18 j 08:11	7° \mathbb{E} 59'29	-4°12'09	minimum elong	-1848 Jun 29 j 18:44	20° \mathbb{II} 44'14	4°31'50
minimum elong	-1849 Jul 18 j 11:47	7° \mathbb{E} 51'07	4°11'33	morning rise	-1848 Jul 07 j 04:43	16° \mathbb{II} 07'41	
morning rise	-1849 Jul 25 j 07:53	2° \mathbb{E} 58'38		direct	-1848 Jul 09 j 16:57	15° \mathbb{II} 44'17	
direct	-1849 Jul 27 j 20:38	2° \mathbb{E} 30'34		morning max el	-1848 Jul 17 j 03:14	19° \mathbb{II} 20'20	18°14'06
morning max el	-1849 Aug 03 j 16:06	5° \mathbb{E} 56'46	17°56'12	asc. node	-1848 Jul 20 j 12:18	23° \mathbb{II} 12'23	
asc. node	-1849 Aug 03 j 15:14	5° \mathbb{E} 54'39			-1848 Jul 25 j 00:26	0° \mathbb{E}	
	-1849 Aug 19 j 02:55	0° Ω		morning set	-1848 Aug 02 j 02:52	14° \mathbb{E} 41'23	
morning set	-1849 Aug 19 j 19:12	1° Ω 13'38			-1848 Aug 10 j 07:18	0° Ω	
superior conj	-1849 Aug 30 j 15:54	20° Ω 29'41	1°22'36	superior conj	-1848 Aug 11 j 15:24	2° Ω 26'12	1°41'12

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1848 Aug 11 j 18:15	2°Ω39'05	1°41'04		-1847 Jul 17 j 13:15	0°Ϣ	
max. Earth dist.	-1848 Aug 19 j 05:01	15°Ω43'49	1.40966 AU				
evening rise	-1848 Aug 24 j 04:36	24°Ω02'04		superior conj	-1847 Jul 25 j 11:13	15°Ϣ24'53	1°48'03
	-1848 Aug 27 j 21:35	0°൬		minimum elong	-1847 Jul 25 j 11:42	15°Ϣ27'13	1°48'06
desc. node	-1848 Aug 30 j 10:53	4°൬00'44		max. Earth dist.	-1847 Aug 01 j 08:08	28°Ϣ06'18	1.38984 AU
	-1848 Sep 17 j 09:02	0°♎			-1847 Aug 02 j 09:44	0°Ω	
evening max el	-1848 Sep 27 j 06:16	11°♎47'35	23°01'24	evening rise	-1847 Aug 05 j 06:36	4°Ω59'56	
retrograde	-1848 Oct 07 j 08:55	17°♎47'06		desc. node	-1847 Aug 17 j 07:54	24°Ω30'34	
evening set	-1848 Oct 12 j 04:41	15°♎48'00			-1847 Aug 20 j 23:51	0°൬	
asc. node	-1848 Oct 16 j 11:27	10°♎54'45		evening max el	-1847 Sep 09 j 18:24	25°൬18'38	24°21'24
inferior conj	-1848 Oct 17 j 12:39	9°♎28'27	0°21'41		-1847 Sep 15 j 10:28	0°♎	
minimum elong	-1848 Oct 17 j 12:08	9°♎30'12	0°21'27	retrograde	-1847 Sep 20 j 23:23	1°♎52'52	
min. Earth dist.	-1848 Oct 17 j 06:46	9°♎48'41	0.67547 AU		-1847 Sep 25 j 21:33	30°൬	
morning rise	-1848 Oct 22 j 19:30	3°♎17'29		evening set	-1847 Sep 26 j 09:41	29°൬35'05	
direct	-1848 Oct 27 j 03:20	1°♎34'36		min. Earth dist.	-1847 Oct 01 j 02:28	24°൬09'29	0.67352 AU
morning max el	-1848 Nov 05 j 01:24	6°♎50'06	21°40'27	inferior conj	-1847 Oct 01 j 18:45	23°൬14'44	-0°32'29
	-1848 Nov 22 j 16:49	0°♎		minimum elong	-1847 Oct 01 j 19:32	23°൬12'06	0°32'09
desc. node	-1848 Nov 26 j 10:17	5°♎32'04		asc. node	-1847 Oct 03 j 08:30	21°൬10'08	
morning set	-1848 Dec 06 j 20:45	21°♎38'57		morning rise	-1847 Oct 07 j 05:24	17°൬09'17	
	-1848 Dec 12 j 00:57	0°♎		direct	-1847 Oct 11 j 00:18	15°൬47'10	
max. Earth dist.	-1848 Dec 13 j 14:25	2°♎34'21	1.41758 AU	morning max el	-1847 Oct 18 j 22:28	20°൬23'07	20°25'07
					-1847 Oct 26 j 18:28	0°♎	
superior conj	-1848 Dec 21 j 03:45	15°♎24'37	-1°57'21	desc. node	-1847 Nov 13 j 07:18	25°♎57'25	
minimum elong	-1848 Dec 21 j 01:52	15°♎16'25	1°57'20	morning set	-1847 Nov 15 j 19:47	29°♎50'54	
	-1848 Dec 29 j 07:35	0°♎			-1847 Nov 15 j 22:08	0°♎	
evening rise	-1848 Dec 31 j 23:34	4°♎52'53		max. Earth dist.	-1847 Nov 25 j 22:20	15°♎47'14	1.43431 AU
asc. node	-1847 Jan 12 j 10:45	24°♎46'19					
	-1847 Jan 16 j 10:23	0°♎		superior conj	-1847 Dec 01 j 22:54	25°♎36'52	-1°42'24
evening max el	-1847 Jan 17 j 10:56	1°♎04'17	18°10'35	minimum elong	-1847 Dec 01 j 16:44	25°♎11'20	1°41'58
retrograde	-1847 Jan 24 j 07:25	4°♎32'48			-1847 Dec 04 j 14:03	0°♎	
evening set	-1847 Jan 26 j 22:46	4°♎02'30		evening rise	-1847 Dec 14 j 11:28	16°♎59'04	
	-1847 Feb 01 j 20:23	30°൬			-1847 Dec 21 j 23:42	0°♎	
inferior conj	-1847 Feb 02 j 18:12	29°♎10'20	3°53'16	asc. node	-1847 Dec 30 j 07:47	12°♎27'24	
minimum elong	-1847 Feb 02 j 19:18	29°♎07'48	3°53'10	evening max el	-1847 Dec 31 j 22:54	14°♎15'02	18°09'50
min. Earth dist.	-1847 Feb 05 j 23:53	26°♎12'57	0.60604 AU	retrograde	-1846 Jan 07 j 11:52	17°♎42'34	
morning rise	-1847 Feb 09 j 14:14	23°♎27'23		evening set	-1846 Jan 10 j 06:59	17°♎03'31	
direct	-1847 Feb 16 j 08:46	21°♎16'33		inferior conj	-1846 Jan 16 j 14:44	11°♎50'41	3°54'15
desc. node	-1847 Feb 22 j 09:29	22°♎50'44		minimum elong	-1846 Jan 16 j 13:38	11°♎53'33	3°54'09
morning max el	-1847 Mar 02 j 13:19	29°♎01'04	27°30'24	min. Earth dist.	-1846 Jan 19 j 08:19	9°♎00'04	0.62579 AU
	-1847 Mar 03 j 12:48	0°♎		morning rise	-1846 Jan 22 j 19:20	5°♎55'02	
	-1847 Mar 24 j 15:35	0°♎		direct	-1846 Jan 29 j 20:05	3°♎16'30	
morning set	-1847 Apr 03 j 10:08	18°♎46'07		desc. node	-1846 Feb 09 j 06:32	7°♎55'37	
	-1847 Apr 08 j 16:57	0°♎		morning max el	-1846 Feb 12 j 18:42	11°♎05'28	27°45'07
max. Earth dist.	-1847 Apr 09 j 18:24	2°♎18'34	1.32495 AU		-1846 Feb 27 j 16:47	0°♎	
asc. node	-1847 Apr 10 j 10:06	3°♎44'19			-1846 Mar 16 j 22:06	0°♎	
				morning set	-1846 Mar 18 j 12:32	3°♎12'17	
superior conj	-1847 Apr 10 j 14:53	4°♎10'25	0°02'07	max. Earth dist.	-1846 Mar 24 j 03:28	14°♎56'19	1.32862 AU
minimum elong	-1847 Apr 10 j 14:47	4°♎09'52	0°02'06				
behind sun begin	-1847 Apr 10 j 09:47	3°♎42'31		superior conj	-1846 Mar 26 j 00:26	18°♎58'25	-0°23'50
behind sun end	-1847 Apr 10 j 19:47	4°♎37'14		minimum elong	-1846 Mar 26 j 01:33	19°♎04'24	0°23'36
evening rise	-1847 Apr 17 j 13:16	19°♎11'21		asc. node	-1846 Mar 28 j 07:09	23°♎55'05	
	-1847 Apr 22 j 21:15	0°♎			-1846 Mar 31 j 02:39	0°♎	
	-1847 May 12 j 16:20	0°♎		evening rise	-1846 Apr 02 j 01:00	4°♎06'53	
evening max el	-1847 May 14 j 15:41	1°♎59'37	25°25'26		-1846 Apr 16 j 01:43	0°♎	
desc. node	-1847 May 21 j 08:35	7°♎05'58		evening max el	-1846 Apr 26 j 06:59	12°♎44'37	23°55'55
retrograde	-1847 May 28 j 16:52	9°♎10'27		desc. node	-1846 May 08 j 05:39	19°♎31'48	
evening set	-1847 Jun 03 j 06:13	7°♎58'03		retrograde	-1846 May 10 j 01:45	19°♎39'31	
min. Earth dist.	-1847 Jun 08 j 03:39	5°♎12'21	0.58039 AU	evening set	-1846 May 14 j 05:31	19°♎01'10	
inferior conj	-1847 Jun 11 j 08:35	2°♎58'00	-4°25'12	min. Earth dist.	-1846 May 20 j 18:09	15°♎54'15	0.56326 AU
minimum elong	-1847 Jun 11 j 05:51	3°♎02'50	4°24'56	inferior conj	-1846 May 23 j 03:26	14°♎26'20	-3°40'28
	-1847 Jun 16 j 00:38	30°൬		minimum elong	-1846 May 22 j 21:12	14°♎35'57	3°39'06
morning rise	-1847 Jun 19 j 08:11	28°♎41'04		morning rise	-1846 May 31 j 15:54	10°♎26'14	
direct	-1847 Jun 21 j 20:57	28°♎21'17		direct	-1846 Jun 03 j 05:34	10°♎09'09	
	-1847 Jun 27 j 07:54	0°♎		morning max el	-1846 Jun 13 j 03:40	14°♎44'40	19°51'21
morning max el	-1847 Jun 30 j 08:00	2°♎19'39	18°52'22	asc. node	-1846 Jun 24 j 06:26	0°♎	
asc. node	-1847 Jul 07 j 09:22	11°♎22'30			-1846 Jun 24 j 03:43	0°♎	
morning set	-1847 Jul 16 j 21:34	28°♎43'11		morning set	-1846 Jun 30 j 23:58	13°♎09'16	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1846 Jul 08 j 21:44	29° Π 08'48	1°45'42		-1845 Jun 16 j 08:03	0° Π	
minimum elong	-1846 Jul 08 j 20:27	29° Π 02'29	1°45'41				
	-1846 Jul 09 j 08:02	0° \mathfrak{C}		superior conj	-1845 Jun 22 j 18:36	13° Π 25'20	1°36'16
max. Earth dist.	-1846 Jul 14 j 11:30	9° \mathfrak{C} 58'05	1.37064 AU	minimum elong	-1845 Jun 22 j 16:20	13° Π 13'38	1°36'06
evening rise	-1846 Jul 18 j 08:38	17° \mathfrak{C} 08'03		max. Earth dist.	-1845 Jun 26 j 21:35	21° Π 47'45	1.35414 AU
	-1846 Jul 25 j 19:04	0° Ω		evening rise	-1845 Jul 01 j 05:54	0° \mathfrak{C} 14'12	
desc. node	-1846 Aug 04 j 04:56	14° Ω 45'24			-1845 Jul 01 j 02:54	0° \mathfrak{C}	
	-1846 Aug 15 j 08:03	0° \mathfrak{M}			-1845 Jul 18 j 21:22	0° Ω	
evening max el	-1846 Aug 23 j 05:25	8° \mathfrak{M} 52'27	25°35'32	desc. node	-1845 Jul 22 j 01:58	4° Ω 38'11	
retrograde	-1846 Sep 04 j 09:35	15° \mathfrak{M} 52'49		evening max el	-1845 Aug 05 j 16:58	22° Ω 25'45	26°35'48
evening set	-1846 Sep 10 j 10:37	13° \mathfrak{M} 18'54		retrograde	-1845 Aug 18 j 14:48	29° Ω 40'52	
min. Earth dist.	-1846 Sep 14 j 19:03	8° \mathfrak{M} 29'14	0.66833 AU	evening set	-1845 Aug 25 j 05:19	26° Ω 56'22	
inferior conj	-1846 Sep 15 j 22:20	7° \mathfrak{M} 01'30	-1°27'09	min. Earth dist.	-1845 Aug 29 j 06:06	22° Ω 44'16	0.65970 AU
minimum elong	-1846 Sep 16 j 00:27	6° \mathfrak{M} 54'39	1°26'17	inferior conj	-1845 Aug 30 j 21:27	20° Ω 45'42	-2°20'29
asc. node	-1846 Sep 20 j 05:34	2° \mathfrak{M} 07'21		minimum elong	-1845 Aug 31 j 00:48	20° Ω 35'37	2°19'15
morning rise	-1846 Sep 21 j 14:28	1° \mathfrak{M} 04'25		morning rise	-1845 Sep 05 j 20:39	15° Ω 00'07	
direct	-1846 Sep 24 j 22:34	29° Ω 59'58		asc. node	-1845 Sep 07 j 02:39	14° Ω 26'51	
	-1846 Sep 24 j 20:48	30° \mathfrak{R} Ω		direct	-1845 Sep 08 j 20:21	14° Ω 09'48	
	-1846 Sep 25 j 00:20	0° \mathfrak{M}		morning max el	-1845 Sep 15 j 13:24	17° Ω 53'01	18°36'28
morning max el	-1846 Oct 02 j 02:56	4° \mathfrak{M} 05'08	19°23'02		-1845 Sep 24 j 15:07	0° \mathfrak{M}	
	-1846 Oct 20 j 13:13	0° \mathfrak{L}		morning set	-1845 Oct 05 j 22:26	17° \mathfrak{M} 57'54	
morning set	-1846 Oct 25 j 21:38	8° \mathfrak{L} 18'51			-1845 Oct 13 j 11:17	0° \mathfrak{L}	
desc. node	-1846 Oct 31 j 04:20	16° \mathfrak{L} 33'12		desc. node	-1845 Oct 18 j 01:22	7° \mathfrak{L} 15'35	
max. Earth dist.	-1846 Nov 08 j 12:19	29° \mathfrak{L} 38'41	1.44534 AU				
	-1846 Nov 08 j 17:43	0° \mathfrak{M}		superior conj	-1845 Oct 21 j 16:12	12° \mathfrak{L} 57'42	-0°23'14
				minimum elong	-1845 Oct 21 j 13:07	12° \mathfrak{L} 45'36	0°22'50
superior conj	-1846 Nov 11 j 15:31	4° \mathfrak{M} 37'01	-1°09'44	max. Earth dist.	-1845 Oct 22 j 06:06	13° \mathfrak{L} 52'27	1.44942 AU
minimum elong	-1846 Nov 11 j 07:57	4° \mathfrak{M} 06'57	1°08'55		-1845 Nov 01 j 11:49	0° \mathfrak{M}	
evening rise	-1846 Nov 26 j 02:46	28° \mathfrak{M} 10'03		evening rise	-1845 Nov 06 j 18:05	8° \mathfrak{M} 20'20	
	-1846 Nov 27 j 05:13	0° \mathfrak{J}		greatest brilliancy	-1845 Nov 15 j 03:12	21° \mathfrak{M} 38'50	-0.8m
evening max el	-1846 Dec 15 j 11:18	27° \mathfrak{J} 35'47	18°27'53		-1845 Nov 20 j 12:52	0° \mathfrak{J}	
asc. node	-1846 Dec 17 j 04:48	29° \mathfrak{J} 10'48		evening max el	-1845 Nov 28 j 21:39	11° \mathfrak{J} 01'30	19°03'28
	-1846 Dec 18 j 08:04	0° \mathfrak{Z}		asc. node	-1845 Dec 04 j 01:51	14° \mathfrak{J} 41'26	
retrograde	-1846 Dec 22 j 01:17	1° \mathfrak{Z} 13'21		retrograde	-1845 Dec 05 j 19:57	14° \mathfrak{J} 58'35	
evening set	-1846 Dec 25 j 00:58	0° \mathfrak{Z} 24'21		evening set	-1845 Dec 09 j 01:44	13° \mathfrak{J} 57'49	
	-1846 Dec 25 j 17:17	30° \mathfrak{R} \mathfrak{J}		inferior conj	-1845 Dec 14 j 18:13	8° \mathfrak{J} 10'00	3°06'58
inferior conj	-1846 Dec 30 j 23:54	24° \mathfrak{J} 52'49	3°37'01	minimum elong	-1845 Dec 14 j 15:16	8° \mathfrak{J} 19'15	3°06'12
minimum elong	-1846 Dec 30 j 21:27	24° \mathfrak{J} 59'54	3°36'35	min. Earth dist.	-1845 Dec 16 j 06:06	6° \mathfrak{J} 17'34	0.65640 AU
min. Earth dist.	-1845 Jan 02 j 02:35	22° \mathfrak{J} 26'18	0.64285 AU	morning rise	-1845 Dec 20 j 04:30	2° \mathfrak{J} 00'36	
morning rise	-1845 Jan 05 j 17:26	18° \mathfrak{J} 48'55			-1845 Dec 23 j 03:26	30° \mathfrak{R} \mathfrak{M}	
direct	-1845 Jan 12 j 15:07	15° \mathfrak{J} 57'28		direct	-1845 Dec 26 j 16:27	29° \mathfrak{M} 10'54	
morning max el	-1845 Jan 26 j 03:30	23° \mathfrak{J} 43'35	27°24'08		-1845 Dec 30 j 11:54	0° \mathfrak{J}	
desc. node	-1845 Jan 27 j 03:36	24° \mathfrak{J} 44'54		morning max el	-1844 Jan 08 j 13:00	6° \mathfrak{J} 42'55	26°32'51
	-1845 Jan 31 j 19:17	0° \mathfrak{Z}		desc. node	-1844 Jan 14 j 00:39	12° \mathfrak{J} 47'58	
	-1845 Feb 21 j 00:01	0° \approx			-1844 Jan 26 j 14:40	0° \mathfrak{Z}	
morning set	-1845 Mar 02 j 07:00	17° \approx 10'40			-1844 Feb 13 j 07:43	0° \approx	
max. Earth dist.	-1845 Mar 07 j 04:40	27° \approx 04'57	1.33633 AU	morning set	-1844 Feb 13 j 13:46	0° \approx 28'31	
	-1845 Mar 08 j 14:15	0° \mathfrak{X}		max. Earth dist.	-1844 Feb 17 j 18:45	8° \approx 37'22	1.34859 AU
superior conj	-1845 Mar 10 j 06:18	3° \mathfrak{X} 31'12	-0°49'40	superior conj	-1844 Feb 22 j 06:08	17° \approx 40'25	-1°14'11
minimum elong	-1845 Mar 10 j 08:34	3° \mathfrak{X} 43'16	0°49'14	minimum elong	-1844 Feb 22 j 09:20	17° \approx 56'52	1°13'42
asc. node	-1845 Mar 15 j 04:12	14° \mathfrak{X} 00'03			-1844 Feb 28 j 04:08	0° \mathfrak{X}	
evening rise	-1845 Mar 17 j 12:11	18° \mathfrak{X} 56'09		evening rise	-1844 Feb 29 j 20:56	3° \mathfrak{X} 31'45	
	-1845 Mar 22 j 24:00	0° \mathfrak{Y}		asc. node	-1844 Mar 01 j 01:13	3° \mathfrak{X} 53'54	
evening max el	-1845 Apr 08 j 00:07	23° \mathfrak{Y} 25'11	22°21'25		-1844 Mar 16 j 01:33	0° \mathfrak{Y}	
retrograde	-1845 Apr 20 j 22:11	29° \mathfrak{Y} 44'52		evening max el	-1844 Mar 20 j 01:04	4° \mathfrak{Y} 26'11	20°54'34
evening set	-1845 Apr 23 j 20:04	29° \mathfrak{Y} 26'12		retrograde	-1844 Mar 31 j 11:14	9° \mathfrak{Y} 55'20	
desc. node	-1845 Apr 25 j 02:42	29° \mathfrak{Y} 06'52		evening set	-1844 Apr 02 j 18:10	9° \mathfrak{Y} 42'58	
min. Earth dist.	-1845 May 02 j 07:50	25° \mathfrak{Y} 46'27	0.55276 AU	desc. node	-1844 Apr 10 j 23:46	6° \mathfrak{Y} 19'17	
inferior conj	-1845 May 03 j 05:11	25° \mathfrak{Y} 16'10	-2°12'53	inferior conj	-1844 Apr 11 j 23:48	5° \mathfrak{Y} 45'14	-0°16'59
minimum elong	-1845 May 02 j 23:29	25° \mathfrak{Y} 24'16	2°11'03	minimum elong	-1844 Apr 11 j 23:00	5° \mathfrak{Y} 46'22	0°16'42
morning rise	-1845 May 12 j 04:36	21° \mathfrak{Y} 20'20		min. Earth dist.	-1844 Apr 12 j 21:26	5° \mathfrak{Y} 14'26	0.55124 AU
direct	-1845 May 14 j 22:16	21° \mathfrak{Y} 03'16		morning rise	-1844 Apr 21 j 03:12	1° \mathfrak{Y} 36'16	
morning max el	-1845 May 26 j 12:30	26° \mathfrak{Y} 28'41	21°09'52	direct	-1844 Apr 24 j 09:41	1° \mathfrak{Y} 13'04	
	-1845 May 29 j 20:33	0° \mathfrak{X}		morning max el	-1844 May 07 j 10:49	7° \mathfrak{Y} 30'49	22°43'55
					-1844 May 23 j 07:26	0° \mathfrak{X}	
asc. node	-1845 Jun 11 j 03:31	19° \mathfrak{X} 31'50		asc. node	-1844 May 28 j 00:35	9° \mathfrak{X} 13'05	
morning set	-1845 Jun 15 j 07:31	27° \mathfrak{X} 53'09					

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning set	-1844 May 29 j 18:12	12° $\text{848}'06$		asc. node	-1843 May 14 j 21:37	29° $\text{709}'32$	
					-1843 May 15 j 07:08	0° 8	
superior conj	-1844 Jun 05 j 22:31	28° $\text{803}'52$	1°21'30				
minimum elong	-1844 Jun 05 j 19:56	27° $\text{850}'09$	1°21'11	superior conj	-1843 May 21 j 06:58	12° $\text{856}'18$	1°02'40
	-1844 Jun 06 j 20:27	0° II		minimum elong	-1843 May 21 j 04:37	12° $\text{843}'35$	1°02'17
max. Earth dist.	-1844 Jun 08 j 17:37	3° $\text{II56}'46$	1.34119 AU	max. Earth dist.	-1843 May 22 j 22:30	16° $\text{829}'29$	1.33197 AU
evening rise	-1844 Jun 13 j 17:21	14° $\text{II03}'32$		evening rise	-1843 May 28 j 14:54	28° $\text{823}'31$	
	-1844 Jun 22 j 07:47	0° ㊄			-1843 May 29 j 10:02	0° II	
desc. node	-1844 Jul 07 j 23:00	23° $\text{㊄59}'24$			-1843 Jun 15 j 12:24	0° ㊄	
	-1844 Jul 12 j 18:18	0° ㊀		desc. node	-1843 Jun 24 j 20:01	12° $\text{㊄35}'31$	
evening max el	-1844 Jul 18 j 04:42	5° $\text{㊀49}'15$	27°14'27	evening max el	-1843 Jun 30 j 14:35	18° $\text{㊄49}'25$	27°24'54
retrograde	-1844 Jul 31 j 14:25	13° $\text{㊀09}'40$		retrograde	-1843 Jul 14 j 07:56	26° $\text{㊄10}'15$	
evening set	-1844 Aug 07 j 15:08	10° $\text{㊀23}'26$		evening set	-1843 Jul 21 j 12:41	23° $\text{㊄34}'23$	
min. Earth dist.	-1844 Aug 11 j 09:16	6° $\text{㊀48}'19$	0.64740 AU	min. Earth dist.	-1843 Jul 25 j 02:41	20° $\text{㊄31}'06$	0.63142 AU
inferior conj	-1844 Aug 13 j 13:52	4° $\text{㊀23}'00$	-3°10'09	inferior conj	-1843 Jul 27 j 20:50	17° $\text{㊄47}'02$	-3°52'46
minimum elong	-1844 Aug 13 j 18:03	4° $\text{㊀11}'27$	3°08'53	minimum elong	-1843 Jul 28 j 01:00	17° $\text{㊄36}'38$	3°51'50
	-1844 Aug 18 j 01:47	30° R㊄		morning rise	-1843 Aug 03 j 14:23	12° $\text{㊄34}'41$	
morning rise	-1844 Aug 19 j 21:35	28° $\text{㊄52}'20$		direct	-1843 Aug 06 j 04:24	12° $\text{㊄03}'02$	
direct	-1844 Aug 22 j 15:19	28° $\text{㊄12}'45$		asc. node	-1843 Aug 10 j 20:49	13° $\text{㊄47}'59$	
asc. node	-1844 Aug 23 j 23:44	28° $\text{㊄22}'25$		morning max el	-1843 Aug 12 j 18:59	15° $\text{㊄27}'37$	17°54'46
	-1844 Aug 27 j 05:14	0° ㊀			-1843 Aug 22 j 22:51	0° ㊀	
morning max el	-1844 Aug 29 j 03:39	1° $\text{㊀42}'27$	18°06'45	morning set	-1843 Aug 29 j 08:30	11° $\text{㊀09}'50$	
morning set	-1844 Sep 16 j 03:25	28° $\text{㊀59}'29$			-1843 Sep 09 j 06:21	0° ㊀	
	-1844 Sep 16 j 17:51	0° ㊀					
superior conj	-1844 Sep 29 j 22:37	21° $\text{㊀39}'52$	0°25'44	superior conj	-1843 Sep 10 j 04:24	1° $\text{㊀32}'20$	1°05'43
minimum elong	-1844 Sep 30 j 01:39	21° $\text{㊀52}'01$	0°25'19	minimum elong	-1843 Sep 10 j 09:47	1° $\text{㊀54}'47$	1°05'06
desc. node	-1844 Oct 03 j 22:23	28° $\text{㊀01}'22$		max. Earth dist.	-1843 Sep 16 j 16:26	12° $\text{㊀12}'11$	1.43595 AU
max. Earth dist.	-1844 Oct 04 j 00:43	28° $\text{㊀10}'38$	1.44612 AU	desc. node	-1843 Sep 20 j 19:22	18° $\text{㊀46}'59$	
	-1844 Oct 05 j 04:23	0° ㊀		evening rise	-1843 Sep 25 j 16:41	26° $\text{㊀25}'47$	
evening rise	-1844 Oct 16 j 11:03	17° $\text{㊀36}'20$			-1843 Sep 28 j 00:15	0° ㊀	
	-1844 Oct 24 j 12:20	0° ㊀			-1843 Oct 18 j 13:13	0° ㊀	
greatest brilliancy	-1844 Oct 29 j 19:13	7° $\text{㊀59}'44$	-0.7m	evening max el	-1843 Oct 25 j 04:11	7° $\text{㊀56}'04$	21°00'11
evening max el	-1844 Nov 11 j 03:48	24° $\text{㊀29}'12$	19°55'00	retrograde	-1843 Nov 02 j 14:26	12° $\text{㊀55}'52$	
retrograde	-1844 Nov 18 j 17:07	28° $\text{㊀54}'08$		evening set	-1843 Nov 06 j 14:13	11° $\text{㊀25}'21$	
asc. node	-1844 Nov 19 j 22:54	28° $\text{㊀45}'17$		asc. node	-1843 Nov 06 j 19:57	11° $\text{㊀14}'06$	
evening set	-1844 Nov 22 j 06:51	27° $\text{㊀39}'36$		inferior conj	-1843 Nov 11 j 23:26	5° $\text{㊀14}'01$	1°42'16
inferior conj	-1844 Nov 27 j 18:51	21° $\text{㊀38}'19$	2°27'53	minimum elong	-1843 Nov 11 j 21:16	5° $\text{㊀21}'25$	1°41'25
minimum elong	-1844 Nov 27 j 16:03	21° $\text{㊀47}'36$	2°26'57	min. Earth dist.	-1843 Nov 12 j 10:06	4° $\text{㊀37}'25$	0.67232 AU
min. Earth dist.	-1844 Nov 28 j 17:20	20° $\text{㊀23}'48$	0.66616 AU		-1843 Nov 16 j 03:09	30° R㊀	
morning rise	-1844 Dec 03 j 01:03	15° $\text{㊀25}'29$		morning rise	-1843 Nov 17 j 04:09	28° $\text{㊀59}'49$	
direct	-1844 Dec 08 j 23:20	12° $\text{㊀48}'41$		direct	-1843 Nov 22 j 11:09	26° $\text{㊀42}'24$	
morning max el	-1844 Dec 20 j 21:51	19° $\text{㊀53}'45$	25°19'55		-1843 Nov 29 j 19:32	0° ㊀	
	-1844 Dec 29 j 14:04	0° ㊀		morning max el	-1843 Dec 03 j 06:33	3° $\text{㊀09}'03$	23°55'08
desc. node	-1844 Dec 30 j 21:42	1° $\text{㊀43}'27$		desc. node	-1843 Dec 17 j 18:43	21° $\text{㊀15}'37$	
	-1843 Jan 18 j 17:54	0° ㊀			-1843 Dec 23 j 18:52	0° ㊀	
morning set	-1843 Jan 26 j 04:03	12° $\text{㊀52}'26$		morning set	-1842 Jan 07 j 19:48	24° $\text{㊀06}'03$	
max. Earth dist.	-1843 Jan 29 j 21:37	19° $\text{㊀44}'40$	1.36530 AU		-1842 Jan 11 j 05:09	0° ㊀	
	-1843 Feb 04 j 05:21	0° ㊀		max. Earth dist.	-1842 Jan 11 j 17:37	0° $\text{㊀55}'15$	1.38524 AU
superior conj	-1843 Feb 04 j 21:13	1° $\text{㊀18}'29$	-1°35'36	superior conj	-1842 Jan 18 j 23:48	14° $\text{㊀15}'08$	-1°51'33
minimum elong	-1843 Feb 05 j 00:44	1° $\text{㊀35}'56$	1°35'15	minimum elong	-1842 Jan 19 j 02:33	14° $\text{㊀28}'09$	1°51'26
evening rise	-1843 Feb 13 j 01:14	17° $\text{㊀47}'59$			-1842 Jan 27 j 02:37	0° ㊀	
asc. node	-1843 Feb 15 j 22:14	23° $\text{㊀31}'53$		evening rise	-1842 Jan 27 j 22:36	1° $\text{㊀37}'54$	
	-1843 Feb 19 j 08:00	0° ㊀		asc. node	-1842 Feb 02 j 19:16	12° $\text{㊀48}'09$	
evening max el	-1843 Mar 02 j 12:41	16° $\text{㊀02}'00$	19°43'24	evening max el	-1842 Feb 13 j 10:31	28° $\text{㊀14}'07$	18°51'33
retrograde	-1843 Mar 12 j 05:50	20° $\text{㊀40}'18$			-1842 Feb 15 j 12:44	0° ㊀	
evening set	-1843 Mar 14 j 11:00	20° $\text{㊀26}'55$		retrograde	-1842 Feb 21 j 16:32	2° $\text{㊀13}'06$	
inferior conj	-1843 Mar 23 j 01:44	16° $\text{㊀23}'54$	1°34'48	evening set	-1842 Feb 24 j 01:16	1° $\text{㊀54}'46$	
minimum elong	-1843 Mar 23 j 05:28	16° $\text{㊀18}'01$	1°33'36		-1842 Feb 28 j 08:46	30° R㊀	
min. Earth dist.	-1843 Mar 25 j 11:35	14° $\text{㊀53}'32$	0.55907 AU	inferior conj	-1842 Mar 03 j 21:40	27° $\text{㊀35}'46$	2°56'23
desc. node	-1843 Mar 28 j 20:49	13° $\text{㊀00}'02$		minimum elong	-1842 Mar 04 j 02:11	27° $\text{㊀27}'33$	2°55'20
morning rise	-1843 Mar 31 j 21:33	11° $\text{㊀46}'35$		min. Earth dist.	-1842 Mar 07 j 03:46	25° $\text{㊀14}'57$	0.57441 AU
direct	-1843 Apr 05 j 03:37	11° $\text{㊀06}'17$		morning rise	-1842 Mar 12 j 00:18	22° $\text{㊀26}'47$	
morning max el	-1843 Apr 19 j 02:35	18° $\text{㊀06}'09$	24°24'12	desc. node	-1842 Mar 15 j 17:51	21° $\text{㊀22}'29$	
	-1843 Apr 28 j 21:30	0° ㊀		direct	-1842 Mar 17 j 10:43	21° $\text{㊀15}'23$	
morning set	-1843 May 14 j 06:12	27° $\text{㊀48}'14$		morning max el	-1842 Mar 31 j 18:00	28° $\text{㊀42}'15$	25°56'21
					-1842 Apr 02 j 01:07	0° ㊀	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1842 Apr 22 j 08:21	0° Υ		morning set	-1841 Apr 13 j 03:33	27° Υ 39'54	
morning set	-1842 Apr 28 j 17:54	12° Υ 47'53			-1841 Apr 14 j 06:16	0° Υ	
asc. node	-1842 May 01 j 18:39	19° Υ 16'06		asc. node	-1841 Apr 18 j 15:40	9° Υ 27'31	
superior conj	-1842 May 05 j 17:59	27° Υ 56'02	0°40'47	superior conj	-1841 Apr 20 j 05:44	12° Υ 55'53	0°16'41
minimum elong	-1842 May 05 j 16:17	27° Υ 46'45	0°40'28	minimum elong	-1841 Apr 20 j 04:59	12° Υ 51'49	0°16'32
max. Earth dist.	-1842 May 06 j 09:16	29° Υ 19'34	1.32639 AU	max. Earth dist.	-1841 Apr 19 j 22:16	12° Υ 15'00	1.32440 AU
	-1842 May 06 j 16:40	0° Υ		evening rise	-1841 Apr 27 j 04:15	27° Υ 56'22	
evening rise	-1842 May 12 j 19:23	13° Υ 04'15			-1841 Apr 28 j 03:57	0° Υ	
	-1842 May 21 j 12:52	0° Υ			-1841 May 15 j 02:46	0° Υ	
desc. node	-1842 Jun 11 j 17:02	0° Υ 07'42		evening max el	-1841 May 25 j 19:39	12° Υ 55'42	26°09'02
	-1842 Jun 11 j 13:59	0° Υ		desc. node	-1841 May 29 j 14:05	16° Υ 08'22	
evening max el	-1842 Jun 12 j 20:12	1° Υ 14'19	27°03'04	retrograde	-1841 Jun 08 j 21:24	20° Υ 11'13	
retrograde	-1842 Jun 26 j 18:51	8° Υ 33'40		evening set	-1841 Jun 15 j 02:21	18° Υ 36'20	
evening set	-1842 Jul 03 j 17:53	6° Υ 22'20		min. Earth dist.	-1841 Jun 19 j 08:32	15° Υ 56'12	0.59177 AU
min. Earth dist.	-1842 Jul 07 j 09:59	3° Υ 39'09	0.61233 AU	inferior conj	-1841 Jun 22 j 17:01	13° Υ 23'11	-4°33'03
inferior conj	-1842 Jul 10 j 15:06	0° Υ 50'30	-4°23'05	minimum elong	-1841 Jun 22 j 16:41	13° Υ 23'49	4°33'01
minimum elong	-1842 Jul 10 j 17:55	0° Υ 44'19	4°22'45	morning rise	-1841 Jun 30 j 09:24	8° Υ 53'50	
	-1842 Jul 11 j 14:18	30° Υ		direct	-1841 Jul 02 j 21:34	8° Υ 32'14	
morning rise	-1842 Jul 17 j 19:37	25° Υ 59'09		morning max el	-1841 Jul 10 j 17:25	12° Υ 16'31	18°27'53
direct	-1842 Jul 20 j 07:57	25° Υ 33'18		asc. node	-1841 Jul 15 j 14:57	18° Υ 11'01	
morning max el	-1842 Jul 27 j 08:37	29° Υ 02'11	18°01'28		-1841 Jul 22 j 16:04	0° Υ	
	-1842 Jul 28 j 07:10	0° Υ		morning set	-1841 Jul 26 j 20:50	7° Υ 56'32	
asc. node	-1842 Jul 28 j 17:53	0° Υ 29'38					
morning set	-1842 Aug 12 j 08:01	24° Υ 13'32		superior conj	-1841 Aug 04 j 22:40	25° Υ 11'55	1°45'23
	-1842 Aug 15 j 11:17	0° Υ		minimum elong	-1841 Aug 05 j 00:29	25° Υ 20'16	1°45'21
					-1841 Aug 07 j 13:34	0° Υ	
superior conj	-1842 Aug 22 j 13:49	12° Υ 47'13	1°32'03	max. Earth dist.	-1841 Aug 12 j 07:16	8° Υ 24'04	1.40130 AU
minimum elong	-1842 Aug 22 j 18:01	13° Υ 05'39	1°31'44	evening rise	-1841 Aug 16 j 17:02	15° Υ 53'38	
max. Earth dist.	-1842 Aug 30 j 02:39	25° Υ 39'59	1.42031 AU	desc. node	-1841 Aug 25 j 13:25	0° Υ 05'13	
	-1842 Sep 01 j 17:51	0° Υ			-1841 Aug 25 j 12:04	0° Υ	
evening rise	-1842 Sep 05 j 05:52	5° Υ 38'30			-1841 Sep 16 j 01:45	0° Υ	
desc. node	-1842 Sep 07 j 16:23	9° Υ 29'37		evening max el	-1841 Sep 20 j 12:32	4° Υ 52'27	23°35'42
	-1842 Sep 21 j 07:37	0° Υ		retrograde	-1841 Oct 01 j 02:50	11° Υ 07'51	
evening max el	-1842 Oct 07 j 22:39	21° Υ 23'06	22°15'25	evening set	-1841 Oct 06 j 04:32	9° Υ 00'56	
retrograde	-1842 Oct 17 j 10:09	27° Υ 01'21		min. Earth dist.	-1841 Oct 11 j 02:36	3° Υ 15'24	0.67502 AU
evening set	-1842 Oct 21 j 22:00	25° Υ 13'06		inferior conj	-1841 Oct 11 j 12:48	2° Υ 40'33	-0°01'06
asc. node	-1842 Oct 24 j 17:01	22° Υ 18'43		minimum elong	-1841 Oct 11 j 12:49	2° Υ 40'28	0°01'06
inferior conj	-1842 Oct 27 j 06:00	18° Υ 55'18	0°52'04	transit middle	-1841 Oct 11 j 12:49	2° Υ 40'28	0°01'06
minimum elong	-1842 Oct 27 j 04:49	18° Υ 59'25	0°51'33	transit begin	-1841 Oct 11 j 10:07	2° Υ 49'43	
min. Earth dist.	-1842 Oct 27 j 06:02	18° Υ 55'13	0.67522 AU	transit end	-1841 Oct 11 j 15:32	2° Υ 31'13	
morning rise	-1842 Nov 01 j 11:30	12° Υ 42'12		asc. node	-1841 Oct 11 j 14:05	2° Υ 36'11	
direct	-1842 Nov 06 j 03:25	10° Υ 46'43			-1841 Oct 13 j 13:02	30° Υ	
morning max el	-1842 Nov 15 j 17:39	16° Υ 28'30	22°28'04	morning rise	-1841 Oct 16 j 21:01	26° Υ 31'17	
	-1842 Nov 26 j 18:28	0° Υ		direct	-1841 Oct 20 j 23:08	24° Υ 57'24	
desc. node	-1842 Dec 04 j 15:44	11° Υ 14'02		morning max el	-1841 Oct 29 j 10:23	29° Υ 55'28	21°06'52
	-1842 Dec 16 j 20:51	0° Υ			-1841 Oct 29 j 12:10	0° Υ	
morning set	-1842 Dec 19 j 07:24	3° Υ 56'16			-1841 Nov 20 j 12:39	0° Υ	
max. Earth dist.	-1842 Dec 24 j 14:10	12° Υ 42'18	1.40619 AU	desc. node	-1841 Nov 21 j 12:46	1° Υ 31'20	
				morning set	-1841 Nov 28 j 15:54	12° Υ 31'16	
superior conj	-1841 Jan 01 j 09:08	26° Υ 18'12	-1°58'46	max. Earth dist.	-1841 Dec 06 j 17:18	25° Υ 24'21	1.42529 AU
minimum elong	-1841 Jan 01 j 09:28	26° Υ 19'39	1°58'47		-1841 Dec 09 j 12:18	0° Υ	
	-1841 Jan 03 j 10:07	0° Υ					
evening rise	-1841 Jan 11 j 10:00	14° Υ 53'54		superior conj	-1841 Dec 13 j 19:44	7° Υ 14'45	-1°53'06
	-1841 Jan 19 j 17:17	0° Υ		minimum elong	-1841 Dec 13 j 15:59	6° Υ 58'46	1°52'57
asc. node	-1841 Jan 20 j 16:17	1° Υ 35'13		evening rise	-1841 Dec 25 j 07:45	27° Υ 28'12	
evening max el	-1841 Jan 27 j 16:16	10° Υ 56'08	18°19'51		-1841 Dec 26 j 17:31	0° Υ	
retrograde	-1841 Feb 03 j 21:45	14° Υ 31'14		asc. node	-1840 Jan 07 j 13:20	19° Υ 44'02	
evening set	-1841 Feb 06 j 10:49	14° Υ 05'43		evening max el	-1840 Jan 11 j 02:56	23° Υ 59'30	18°07'58
inferior conj	-1841 Feb 13 j 14:29	9° Υ 26'18	3°41'36	retrograde	-1840 Jan 17 j 18:56	27° Υ 25'44	
minimum elong	-1841 Feb 13 j 17:03	9° Υ 20'51	3°41'16	evening set	-1840 Jan 20 j 11:55	26° Υ 51'47	
min. Earth dist.	-1841 Feb 17 j 00:08	6° Υ 34'52	0.59411 AU	inferior conj	-1840 Jan 27 j 02:02	21° Υ 50'56	3°56'18
morning rise	-1841 Feb 20 j 21:07	3° Υ 53'12		minimum elong	-1840 Jan 27 j 02:06	21° Υ 50'44	3°56'16
direct	-1841 Feb 27 j 07:03	2° Υ 02'52		min. Earth dist.	-1840 Jan 30 j 03:20	18° Υ 53'43	0.61472 AU
desc. node	-1841 Mar 02 j 14:55	2° Υ 31'27		morning rise	-1840 Feb 02 j 15:00	16° Υ 02'07	
morning max el	-1841 Mar 13 j 13:51	9° Υ 43'52	27°05'23	direct	-1840 Feb 09 j 13:42	13° Υ 37'34	
	-1841 Mar 29 j 03:32	0° Υ		desc. node	-1840 Feb 17 j 11:57	16° Υ 20'20	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning max el	-1840 Feb 23 j 15:49	21° Z 24'35	27°41'06	morning rise	-1839 Jan 15 j 03:50	28° Z 41'51	
	-1840 Mar 02 j 04:11	0° \approx		direct	-1839 Jan 22 j 04:21	25° Z 56'09	
	-1840 Mar 21 j 02:48	0° X			-1839 Jan 31 j 17:55	0° Z	
morning set	-1840 Mar 27 j 09:14	12° X 17'38		desc. node	-1839 Feb 03 j 09:01	2° Z 13'36	
max. Earth dist.	-1840 Apr 02 j 09:51	25° X 02'58	1.32604 AU	morning max el	-1839 Feb 04 j 22:52	3° Z 43'54	27°40'15
					-1839 Feb 24 j 15:56	0° \approx	
superior conj	-1840 Apr 03 j 16:36	27° X 50'06	-0°08'51	morning set	-1839 Mar 11 j 08:36	26° \approx 32'35	
minimum elong	-1840 Apr 03 j 17:00	27° X 52'18	0°08'45		-1839 Mar 13 j 01:39	0° X	
behind sun begin	-1840 Apr 03 j 12:44	27° X 29'03		max. Earth dist.	-1839 Mar 16 j 16:08	7° X 29'46	1.33146 AU
behind sun end	-1840 Apr 03 j 21:16	28° X 15'34					
asc. node	-1840 Apr 04 j 12:43	29° X 39'47		superior conj	-1839 Mar 19 j 00:48	12° X 31'59	-0°34'52
	-1840 Apr 04 j 16:25	0° Y		minimum elong	-1839 Mar 19 j 02:26	12° X 40'40	0°34'32
evening rise	-1840 Apr 10 j 15:30	12° Y 52'48		asc. node	-1839 Mar 22 j 09:46	19° X 48'20	
	-1840 Apr 19 j 08:31	0° B		evening rise	-1839 Mar 26 j 03:14	27° X 46'17	
evening max el	-1840 May 06 j 13:09	23° B 56'57	24°48'58		-1839 Mar 27 j 04:47	0° Y	
desc. node	-1840 May 15 j 11:07	0° II 02'57			-1839 Apr 13 j 23:11	0° B	
	-1840 May 15 j 08:06	0° II		evening max el	-1839 Apr 18 j 04:25	4° B 36'02	23°15'23
retrograde	-1840 May 20 j 12:58	1° II 02'16		retrograde	-1839 May 01 j 15:55	11° B 17'48	
evening set	-1840 May 25 j 12:22	0° II 05'59		desc. node	-1839 May 02 j 08:09	11° B 16'47	
	-1840 May 25 j 18:42	30° R 8		evening set	-1839 May 05 j 05:57	10° B 49'39	
min. Earth dist.	-1840 May 31 j 01:02	27° B 12'34	0.57251 AU	min. Earth dist.	-1839 May 12 j 14:35	7° B 30'33	0.55785 AU
inferior conj	-1840 Jun 02 j 23:30	25° B 16'23	-4°11'30	inferior conj	-1839 May 14 j 10:15	6° B 26'27	-3°08'13
minimum elong	-1840 Jun 02 j 19:01	25° B 23'51	4°10'50	minimum elong	-1839 May 14 j 03:35	6° B 36'16	3°06'26
morning rise	-1840 Jun 11 j 04:32	21° B 07'11		morning rise	-1839 May 23 j 03:51	2° B 30'14	
direct	-1840 Jun 13 j 17:36	20° B 48'40		direct	-1839 May 25 j 18:53	2° B 13'28	
morning max el	-1840 Jun 22 j 18:30	25° B 01'23	19°14'55	morning max el	-1839 Jun 05 j 09:32	7° B 08'38	20°22'35
	-1840 Jun 27 j 02:59	0° II		asc. node	-1839 Jun 18 j 09:04	25° B 42'06	
asc. node	-1840 Jul 01 j 12:00	6° II 38'47			-1839 Jun 20 j 15:14	0° II	
morning set	-1840 Jul 09 j 19:08	22° II 09'02		morning set	-1839 Jun 23 j 24:00	6° II 43'30	
	-1840 Jul 13 j 17:37	0° E					
superior conj	-1840 Jul 18 j 01:15	8° E 30'33	1°48'03	superior conj	-1839 Jul 01 j 16:37	22° II 29'29	1°42'27
minimum elong	-1840 Jul 18 j 00:54	8° E 28'52	1°48'05	minimum elong	-1839 Jul 01 j 14:50	22° II 20'28	1°42'22
max. Earth dist.	-1840 Jul 24 j 09:47	20° E 30'25	1.38148 AU		-1839 Jul 05 j 11:05	0° E	
evening rise	-1840 Jul 28 j 05:41	27° E 22'02		max. Earth dist.	-1839 Jul 06 j 15:48	2° E 19'37	1.36319 AU
	-1840 Jul 29 j 17:59	0° O		evening rise	-1839 Jul 10 j 16:30	9° E 56'09	
desc. node	-1840 Aug 11 j 10:27	20° O 29'08			-1839 Jul 22 j 08:51	0° O	
	-1840 Aug 17 j 23:29	0° P		desc. node	-1839 Jul 29 j 07:29	10° O 35'34	
evening max el	-1840 Sep 02 j 00:07	18° P 25'17	24°54'16		-1839 Aug 13 j 12:09	0° P	
retrograde	-1840 Sep 13 j 15:27	25° P 11'20		evening max el	-1839 Aug 15 j 11:21	1° P 59'51	26°03'24
evening set	-1840 Sep 19 j 08:03	22° P 46'29		retrograde	-1839 Aug 27 j 23:25	9° P 07'13	
min. Earth dist.	-1840 Sep 23 j 21:17	17° P 35'50	0.67172 AU	evening set	-1839 Sep 03 j 06:36	6° P 27'48	
inferior conj	-1840 Sep 24 j 18:03	16° P 27'10	-0°55'42	min. Earth dist.	-1839 Sep 07 j 11:41	1° P 54'17	0.66510 AU
minimum elong	-1840 Sep 24 j 19:25	16° P 22'41	0°55'08	inferior conj	-1839 Sep 08 j 19:58	0° P 13'07	-1°50'04
asc. node	-1840 Sep 27 j 11:09	13° P 02'33		minimum elong	-1839 Sep 08 j 22:39	0° P 04'44	1°49'00
morning rise	-1840 Sep 30 j 06:49	10° P 24'49			-1839 Sep 09 j 00:09	30° R 8	
direct	-1840 Oct 03 j 20:57	9° P 10'24		asc. node	-1839 Sep 14 j 08:13	24° O 31'20	
morning max el	-1840 Oct 11 j 10:34	13° P 31'51	19°56'55	morning rise	-1839 Sep 14 j 14:56	24° O 20'44	
	-1840 Oct 23 j 22:30	0° O		direct	-1839 Sep 17 j 19:15	23° O 22'39	
morning set	-1840 Nov 06 j 13:02	20° O 41'09		morning max el	-1839 Sep 24 j 17:52	27° O 17'01	19°01'21
desc. node	-1840 Nov 07 j 09:48	22° O 01'33			-1839 Sep 27 j 03:59	0° P	
	-1840 Nov 12 j 12:34	0° M		morning set	-1839 Oct 16 j 23:09	29° P 35'56	
max. Earth dist.	-1840 Nov 18 j 04:26	8° M 57'04	1.43986 AU		-1839 Oct 17 j 05:16	0° O	
				desc. node	-1839 Oct 25 j 06:52	12° O 40'46	
superior conj	-1840 Nov 23 j 03:16	16° M 55'12	-1°30'41	max. Earth dist.	-1839 Oct 31 j 21:05	23° O 02'45	1.44800 AU
minimum elong	-1840 Nov 22 j 19:52	16° M 25'09	1°30'02				
	-1840 Dec 01 j 01:17	0° Z		superior conj	-1839 Nov 02 j 10:58	25° O 32'10	-0°51'10
evening rise	-1840 Dec 06 j 11:26	9° Z 11'53		minimum elong	-1839 Nov 02 j 04:40	25° O 07'18	0°50'24
	-1840 Dec 19 j 00:04	0° Z			-1839 Nov 05 j 06:39	0° M	
asc. node	-1840 Dec 24 j 10:24	7° Z 02'25		evening rise	-1839 Nov 17 j 16:52	19° M 57'58	
evening max el	-1840 Dec 24 j 15:28	7° Z 15'26	18°15'14		-1839 Nov 23 j 20:39	0° Z	
retrograde	-1840 Dec 31 j 03:42	10° Z 45'39		evening max el	-1839 Dec 08 j 03:16	20° Z 38'37	18°40'48
evening set	-1839 Jan 03 j 00:44	10° Z 02'21		asc. node	-1839 Dec 11 j 07:26	23° Z 16'50	
inferior conj	-1839 Jan 09 j 04:24	4° Z 41'09	3°48'44	retrograde	-1839 Dec 14 j 19:53	24° Z 23'29	
minimum elong	-1839 Jan 09 j 02:37	4° Z 46'02	3°48'31	evening set	-1839 Dec 17 j 21:58	23° Z 29'37	
min. Earth dist.	-1839 Jan 11 j 15:41	1° Z 59'26	0.63354 AU	inferior conj	-1839 Dec 23 j 17:52	17° Z 50'29	3°25'33
	-1839 Jan 13 j 15:28	30° R 8		minimum elong	-1839 Dec 23 j 15:07	17° Z 58'45	3°24'58
				min. Earth dist.	-1839 Dec 25 j 14:00	15° Z 37'58	0.64913 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning rise	-1839 Dec 29 j 07:54	11° ♊ 43'51			-1838 Dec 08 j 13:53	30° ♋	
direct	-1838 Jan 05 j 01:56	8° ♊ 51'55		min. Earth dist.	-1838 Dec 08 j 21:13	29° ♋ 36'31	0.66095 AU
morning max el	-1838 Jan 18 j 08:29	16° ♊ 33'13	27°05'32	morning rise	-1838 Dec 12 j 23:23	25° ♋ 01'45	
desc. node	-1838 Jan 21 j 06:05	19° ♊ 37'20		direct	-1838 Dec 19 j 05:43	22° ♋ 16'26	
	-1838 Jan 29 j 13:30	0° ♋		morning max el	-1838 Dec 31 j 18:00	29° ♋ 39'29	26°03'57
	-1838 Feb 17 j 10:57	0° ♋			-1837 Jan 01 j 02:07	0° ♋	
morning set	-1838 Feb 22 j 22:36	10° ♋ 15'04		desc. node	-1837 Jan 08 j 03:09	8° ♋ 05'08	
max. Earth dist.	-1838 Feb 27 j 13:10	19° ♋ 24'08	1.34107 AU		-1837 Jan 23 j 10:37	0° ♋	
				morning set	-1837 Feb 05 j 23:09	23° ♋ 12'54	
superior conj	-1838 Mar 03 j 04:23	26° ♋ 55'14	-1°00'20		-1837 Feb 09 j 13:12	0° ♋	
minimum elong	-1838 Mar 03 j 07:06	27° ♋ 09'28	0°59'52	max. Earth dist.	-1837 Feb 09 j 22:22	0° ♋ 44'15	1.35516 AU
	-1838 Mar 04 j 15:30	0° ♋					
asc. node	-1838 Mar 09 j 06:48	9° ♋ 48'52		superior conj	-1837 Feb 15 j 00:56	10° ♋ 52'47	-1°23'46
evening rise	-1838 Mar 10 j 13:38	12° ♋ 30'23		minimum elong	-1837 Feb 15 j 04:22	11° ♋ 10'11	1°23'19
	-1838 Mar 19 j 15:14	0° ♋		evening rise	-1837 Feb 22 j 20:48	26° ♋ 59'05	
evening max el	-1838 Mar 31 j 00:03	15° ♋ 21'31	21°42'45	asc. node	-1837 Feb 24 j 03:49	29° ♋ 36'56	
retrograde	-1838 Apr 12 j 08:20	21° ♋ 21'24			-1837 Feb 24 j 08:22	0° ♋	
evening set	-1838 Apr 14 j 21:51	21° ♋ 06'36		evening max el	-1837 Mar 13 j 05:28	26° ♋ 37'17	20°22'04
desc. node	-1838 Apr 19 j 05:11	19° ♋ 42'38			-1837 Mar 17 j 16:11	0° ♋	
inferior conj	-1838 Apr 24 j 07:14	17° ♋ 03'28	-1°25'21	retrograde	-1837 Mar 23 j 22:28	1° ♋ 44'19	
minimum elong	-1838 Apr 24 j 03:17	17° ♋ 09'01	1°24'00	evening set	-1837 Mar 26 j 03:11	1° ♋ 32'18	
min. Earth dist.	-1838 Apr 24 j 03:54	17° ♋ 08'09	0.55091 AU		-1837 Mar 30 j 16:46	30° ♋	
morning rise	-1838 May 03 j 09:37	13° ♋ 04'43		inferior conj	-1837 Apr 04 j 03:26	27° ♋ 34'15	0°32'50
direct	-1838 May 06 j 07:12	12° ♋ 46'11		minimum elong	-1837 Apr 04 j 04:55	27° ♋ 32'04	0°32'20
morning max el	-1838 May 18 j 13:41	18° ♋ 33'56	21°48'36	min. Earth dist.	-1837 Apr 05 j 18:05	26° ♋ 37'26	0.55345 AU
	-1838 May 27 j 17:46	0° ♋		desc. node	-1837 Apr 06 j 02:13	26° ♋ 25'37	
asc. node	-1838 Jun 05 j 06:08	15° ♋ 11'33		morning rise	-1837 Apr 13 j 05:01	23° ♋ 14'04	
morning set	-1838 Jun 08 j 09:05	21° ♋ 32'39		direct	-1837 Apr 16 j 20:06	22° ♋ 45'21	
	-1838 Jun 12 j 09:43	0° ♋		morning max el	-1837 Apr 30 j 08:50	29° ♋ 23'32	23°26'32
					-1837 Apr 30 j 23:57	0° ♋	
superior conj	-1838 Jun 15 j 16:50	6° ♋ 56'25	1°30'35		-1837 May 20 j 16:22	0° ♋	
minimum elong	-1838 Jun 15 j 14:21	6° ♋ 43'28	1°30'20	asc. node	-1837 May 23 j 03:11	5° ♋ 00'10	
max. Earth dist.	-1838 Jun 19 j 05:54	14° ♋ 15'16	1.34807 AU	morning set	-1837 May 23 j 20:32	6° ♋ 30'43	
evening rise	-1838 Jun 23 j 20:19	23° ♋ 21'48					
	-1838 Jun 27 j 08:58	0° ♋		superior conj	-1837 May 30 j 23:00	21° ♋ 42'19	1°13'57
	-1838 Jul 15 j 23:49	0° ♋		minimum elong	-1837 May 30 j 20:27	21° ♋ 28'42	1°13'36
desc. node	-1838 Jul 16 j 04:29	0° ♋ 16'09		max. Earth dist.	-1837 Jun 02 j 05:43	26° ♋ 33'30	1.33678 AU
evening max el	-1838 Jul 28 j 22:49	15° ♋ 29'06	26°55'19		-1837 Jun 03 j 21:05	0° ♋	
retrograde	-1838 Aug 11 j 02:19	22° ♋ 47'58		evening rise	-1837 Jun 07 j 12:33	7° ♋ 25'56	
evening set	-1838 Aug 17 j 21:51	20° ♋ 01'03			-1837 Jun 19 j 21:28	0° ♋	
min. Earth dist.	-1838 Aug 21 j 19:29	16° ♋ 05'17	0.65489 AU	desc. node	-1837 Jul 03 j 01:28	19° ♋ 19'59	
inferior conj	-1838 Aug 23 j 16:29	13° ♋ 54'19	-2°42'12	evening max el	-1837 Jul 11 j 09:55	28° ♋ 43'41	27°22'38
minimum elong	-1838 Aug 23 j 20:15	13° ♋ 43'21	2°40'54		-1837 Jul 12 j 18:56	0° ♋	
morning rise	-1838 Aug 29 j 19:10	8° ♋ 15'00		retrograde	-1837 Jul 24 j 23:40	6° ♋ 05'32	
asc. node	-1838 Sep 01 j 05:17	7° ♋ 30'51		evening set	-1837 Aug 01 j 02:54	3° ♋ 21'58	
direct	-1838 Sep 01 j 15:59	7° ♋ 29'45			-1837 Aug 04 j 19:14	30° ♋	
morning max el	-1838 Sep 08 j 06:17	11° ♋ 06'10	18°21'48	min. Earth dist.	-1837 Aug 04 j 18:44	0° ♋ 01'17	0.64099 AU
	-1838 Sep 21 j 11:27	0° ♋		inferior conj	-1837 Aug 07 j 05:13	27° ♋ 26'26	-3°29'23
morning set	-1838 Sep 27 j 11:56	9° ♋ 49'56		minimum elong	-1837 Aug 07 j 09:31	27° ♋ 15'01	3°28'13
	-1838 Oct 10 j 00:11	0° ♋		morning rise	-1837 Aug 13 j 16:59	22° ♋ 03'12	
				direct	-1837 Aug 16 j 08:44	21° ♋ 27'28	
superior conj	-1838 Oct 12 j 11:11	3° ♋ 53'39	-0°01'59	asc. node	-1837 Aug 19 j 02:22	22° ♋ 05'34	
minimum elong	-1838 Oct 12 j 10:56	3° ♋ 52'39	0°01'58	morning max el	-1837 Aug 22 j 21:20	24° ♋ 54'18	17°59'23
behind sun begin	-1838 Oct 11 j 23:48	3° ♋ 08'39			-1837 Aug 27 j 01:49	0° ♋	
behind sun end	-1838 Oct 12 j 22:04	4° ♋ 36'37		morning set	-1837 Sep 09 j 03:46	21° ♋ 21'55	
desc. node	-1838 Oct 12 j 03:52	3° ♋ 24'44			-1837 Sep 14 j 05:34	0° ♋	
max. Earth dist.	-1838 Oct 14 j 15:20	7° ♋ 19'23	1.44885 AU				
evening rise	-1838 Oct 28 j 21:58	29° ♋ 42'53		superior conj	-1837 Sep 22 j 02:07	13° ♋ 01'30	0°44'14
	-1838 Oct 29 j 02:20	0° ♋		minimum elong	-1837 Sep 22 j 06:42	13° ♋ 20'11	0°43'39
greatest brilliancy	-1838 Nov 08 j 17:42	16° ♋ 35'33	-0.8m	max. Earth dist.	-1837 Sep 27 j 08:24	21° ♋ 29'51	1.44251 AU
	-1838 Nov 18 j 00:17	0° ♋		desc. node	-1837 Sep 29 j 00:52	24° ♋ 10'35	
evening max el	-1838 Nov 21 j 11:56	4° ♋ 04'57	19°23'31		-1837 Oct 02 j 17:41	0° ♋	
asc. node	-1838 Nov 28 j 04:27	8° ♋ 12'07		evening rise	-1837 Oct 08 j 07:56	8° ♋ 41'14	
retrograde	-1838 Nov 28 j 16:03	8° ♋ 13'26			-1837 Oct 22 j 09:36	0° ♋	
evening set	-1838 Dec 02 j 00:52	7° ♋ 07'12		evening max el	-1837 Nov 04 j 15:44	17° ♋ 32'00	20°21'22
inferior conj	-1838 Dec 07 j 15:13	1° ♋ 13'09	2°51'22	retrograde	-1837 Nov 12 j 13:28	22° ♋ 11'16	
minimum elong	-1838 Dec 07 j 12:15	1° ♋ 22'40	2°50'29	asc. node	-1837 Nov 15 j 01:30	21° ♋ 35'16	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening set	-1837 Nov 16 j 07:09	20° ℓ 50'24		inferior conj	-1836 Nov 04 j 23:25	28° ♊ 22'43	1°21'27
inferior conj	-1837 Nov 21 j 17:46	14° ℓ 44'37	2°09'15	minimum elong	-1836 Nov 04 j 21:38	28° ♊ 28'52	1°20'43
minimum elong	-1837 Nov 21 j 15:11	14° ℓ 53'18	2°08'18	min. Earth dist.	-1836 Nov 05 j 05:30	28° ♊ 01'42	0.67392 AU
min. Earth dist.	-1837 Nov 22 j 11:09	13° ℓ 46'01	0.66913 AU	morning rise	-1836 Nov 10 j 04:12	22° ♊ 08'50	
morning rise	-1837 Nov 26 j 23:01	8° ℓ 30'47		direct	-1836 Nov 15 j 04:50	20° ♊ 00'24	
direct	-1837 Dec 02 j 14:56	6° ℓ 01'21		morning max el	-1836 Nov 25 j 11:32	26° ♊ 07'48	23°17'55
morning max el	-1837 Dec 14 j 02:25	12° ℓ 51'48	24°44'43		-1836 Nov 29 j 00:32	0° ♋	
desc. node	-1837 Dec 26 j 00:11	27° ℓ 17'38		desc. node	-1836 Dec 11 j 21:13	17° ♋ 02'07	
	-1837 Dec 27 j 23:11	0° ♌			-1836 Dec 20 j 13:27	0° ♌	
	-1836 Jan 16 j 05:35	0° ♍		morning set	-1836 Dec 30 j 08:53	15° ♌ 47'48	
morning set	-1836 Jan 19 j 04:39	5° ♍ 09'08		max. Earth dist.	-1835 Jan 03 j 16:20	23° ♌ 09'14	1.39421 AU
max. Earth dist.	-1836 Jan 22 j 21:02	11° ♍ 46'41	1.37342 AU		-1835 Jan 07 j 13:15	0° ♍	
superior conj	-1836 Jan 29 j 11:14	24° ♍ 14'48	-1°43'13	superior conj	-1835 Jan 11 j 07:10	6° ♍ 50'33	-1°55'55
minimum elong	-1836 Jan 29 j 14:35	24° ♍ 31'09	1°42'57	minimum elong	-1835 Jan 11 j 09:07	6° ♍ 59'35	1°55'53
	-1836 Feb 01 j 09:25	0° ♎		evening rise	-1835 Jan 20 j 16:00	24° ♍ 41'11	
evening rise	-1836 Feb 06 j 22:28	11° ♎ 04'49			-1835 Jan 23 j 10:37	0° ♎	
asc. node	-1836 Feb 11 j 00:50	19° ♎ 06'28		asc. node	-1835 Jan 27 j 21:51	8° ♎ 11'13	
	-1836 Feb 17 j 05:45	0° ♏		evening max el	-1835 Feb 05 j 23:25	20° ♎ 55'50	18°35'37
evening max el	-1836 Feb 23 j 21:48	8° ♏ 29'50	19°18'58	retrograde	-1835 Feb 13 j 17:20	24° ♎ 42'25	
retrograde	-1836 Mar 03 j 22:43	12° ♏ 49'05		evening set	-1835 Feb 16 j 04:09	24° ♎ 21'04	
evening set	-1836 Mar 06 j 05:12	12° ♏ 33'58		inferior conj	-1835 Feb 23 j 17:04	19° ♎ 53'27	3°19'47
inferior conj	-1836 Mar 14 j 12:15	8° ♏ 25'28	2°13'49	minimum elong	-1835 Feb 23 j 20:57	19° ♎ 45'54	3°19'02
minimum elong	-1836 Mar 14 j 16:47	8° ♏ 17'54	2°12'30	min. Earth dist.	-1835 Feb 27 j 02:25	17° ♎ 17'03	0.58256 AU
min. Earth dist.	-1836 Mar 17 j 09:06	6° ♏ 31'41	0.56489 AU	morning rise	-1835 Mar 03 j 11:14	14° ♎ 33'29	
desc. node	-1836 Mar 22 j 23:17	3° ♏ 36'17		direct	-1835 Mar 09 j 08:53	13° ♎ 05'51	
morning rise	-1836 Mar 23 j 01:34	3° ♏ 34'13		desc. node	-1835 Mar 09 j 20:21	13° ♎ 06'25	
direct	-1836 Mar 27 j 19:59	2° ♏ 41'58		morning max el	-1835 Mar 23 j 16:16	20° ♎ 38'54	26°29'11
morning max el	-1836 Apr 10 j 23:36	9° ♏ 55'28	25°05'06		-1835 Mar 31 j 17:52	0° ♏	
	-1836 Apr 26 j 01:38	0° ♐			-1835 Apr 18 j 15:55	0° ♐	
morning set	-1836 May 07 j 08:37	21° ♐ 31'06		morning set	-1835 Apr 21 j 19:40	6° ♐ 28'05	
asc. node	-1836 May 09 j 00:13	25° ♐ 01'17		asc. node	-1835 Apr 25 j 21:15	15° ♐ 10'09	
	-1836 May 11 j 07:35	0° ♑					
superior conj	-1836 May 14 j 08:47	6° ♑ 38'35	0°53'42	superior conj	-1835 Apr 28 j 20:19	21° ♐ 38'48	0°30'47
minimum elong	-1836 May 14 j 06:40	6° ♑ 27'03	0°53'20	minimum elong	-1835 Apr 28 j 19:00	21° ♐ 31'33	0°30'31
max. Earth dist.	-1836 May 15 j 13:29	9° ♑ 14'29	1.32923 AU	max. Earth dist.	-1835 Apr 29 j 01:50	22° ♐ 09'02	1.32524 AU
evening rise	-1836 May 21 j 13:26	21° ♑ 56'05		evening rise	-1835 May 05 j 20:06	6° ♑ 42'40	
	-1836 May 25 j 14:39	0° ♒			-1835 May 18 j 04:17	0° ♒	
	-1836 Jun 12 j 20:46	0° ♓		evening max el	-1835 Jun 04 j 21:50	23° ♒ 37'58	26°43'43
desc. node	-1836 Jun 18 j 22:29	7° ♓ 31'29		desc. node	-1835 Jun 05 j 19:32	24° ♒ 28'26	
evening max el	-1836 Jun 22 j 18:30	11° ♓ 30'46	27°19'42		-1835 Jun 14 j 04:41	0° ♓	
retrograde	-1836 Jul 06 j 14:32	18° ♓ 50'47		retrograde	-1835 Jun 18 j 21:45	0° ♓ 55'03	
evening set	-1836 Jul 13 j 18:01	16° ♓ 24'02			-1835 Jun 23 j 11:57	30° ♒ ♒	
min. Earth dist.	-1836 Jul 17 j 08:02	13° ♓ 30'42	0.62360 AU	evening set	-1835 Jun 25 j 14:49	28° ♒ 58'21	
inferior conj	-1836 Jul 20 j 07:13	10° ♓ 42'51	-4°07'34	min. Earth dist.	-1835 Jun 29 j 11:15	26° ♒ 18'41	0.60369 AU
minimum elong	-1836 Jul 20 j 11:01	10° ♓ 33'51	4°06'53	inferior conj	-1835 Jul 02 j 18:59	23° ♒ 34'22	-4°30'26
morning rise	-1836 Jul 27 j 05:17	5° ♓ 38'49		minimum elong	-1835 Jul 02 j 20:41	23° ♒ 30'52	4°30'17
direct	-1836 Jul 29 j 18:19	5° ♓ 09'52		morning rise	-1835 Jul 10 j 04:25	18° ♒ 52'11	
asc. node	-1836 Aug 04 j 23:27	8° ♓ 05'04		direct	-1835 Jul 12 j 16:42	18° ♒ 28'08	
morning max el	-1836 Aug 05 j 12:14	8° ♓ 35'21	17°55'12	morning max el	-1835 Jul 20 j 00:07	22° ♒ 01'52	18°10'14
	-1836 Aug 19 j 12:36	0° ♈		asc. node	-1835 Jul 22 j 20:32	25° ♒ 13'40	
morning set	-1836 Aug 21 j 17:26	3° ♈ 56'55			-1835 Jul 26 j 04:55	0° ♓	
				morning set	-1835 Aug 04 j 23:10	17° ♓ 18'51	
superior conj	-1836 Sep 01 j 19:47	23° ♈ 28'59	1°18'36		-1835 Aug 11 j 18:28	0° ♈	
minimum elong	-1836 Sep 02 j 00:57	23° ♈ 51'02	1°18'06				
	-1836 Sep 05 j 16:36	0° ♉		superior conj	-1835 Aug 14 j 15:52	5° ♈ 15'17	1°39'11
max. Earth dist.	-1836 Sep 08 j 21:59	5° ♉ 18'43	1.42986 AU	minimum elong	-1835 Aug 14 j 19:05	5° ♈ 29'43	1°39'01
desc. node	-1836 Sep 14 j 21:52	14° ♉ 55'17		max. Earth dist.	-1835 Aug 22 j 06:16	18° ♈ 30'31	1.41251 AU
evening rise	-1836 Sep 16 j 14:29	17° ♉ 34'35		evening rise	-1835 Aug 27 j 11:55	27° ♈ 10'32	
	-1836 Sep 24 j 17:02	0° ♊			-1835 Aug 29 j 06:00	0° ♉	
	-1836 Oct 16 j 15:05	0° ♋		desc. node	-1835 Sep 01 j 18:53	5° ♉ 35'15	
evening max el	-1836 Oct 17 j 13:40	0° ♋ 59'18	21°31'22		-1835 Sep 18 j 10:15	0° ♊	
retrograde	-1836 Oct 26 j 10:10	6° ♋ 14'47		evening max el	-1835 Sep 30 j 05:59	14° ♊ 26'51	22°49'21
evening set	-1836 Oct 30 j 14:53	4° ♋ 36'58		retrograde	-1835 Oct 10 j 04:37	20° ♊ 20'55	
asc. node	-1836 Oct 31 j 22:34	3° ♋ 25'27		evening set	-1835 Oct 14 j 22:20	18° ♊ 24'32	
	-1836 Nov 03 j 18:55	30° ♋ ♋		asc. node	-1835 Oct 18 j 19:40	14° ♊ 03'24	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

inferior conj	-1835 Oct 20 j 06:16	12° Ω 05'17	0°29'45	evening set	-1834 Sep 29 j 03:48	2° Ω 11'50	
minimum elong	-1835 Oct 20 j 05:34	12° Ω 07'41	0°29'27		-1834 Oct 01 j 07:33	30° \mathbb{R} \mathbb{M}	
min. Earth dist.	-1835 Oct 20 j 01:52	12° Ω 20'26	0.67552 AU	min. Earth dist.	-1834 Oct 03 j 21:54	26° \mathbb{M} 40'57	0.67403 AU
morning rise	-1835 Oct 25 j 12:43	5° Ω 53'45		inferior conj	-1834 Oct 04 j 12:36	25° \mathbb{M} 51'14	-0°24'14
direct	-1835 Oct 29 j 22:34	4° Ω 07'44		minimum elong	-1834 Oct 04 j 13:12	25° \mathbb{M} 49'16	0°23'58
morning max el	-1835 Nov 08 j 00:43	9° Ω 29'48	21°52'31	asc. node	-1834 Oct 05 j 16:44	24° \mathbb{M} 17'13	
	-1835 Nov 23 j 21:36	0° \mathbb{M}		morning rise	-1834 Oct 09 j 22:35	19° \mathbb{M} 44'41	
desc. node	-1835 Nov 28 j 18:15	7° \mathbb{M} 09'03		direct	-1834 Oct 13 j 19:15	18° \mathbb{M} 19'40	
morning set	-1835 Dec 10 j 08:02	25° \mathbb{M} 02'04		morning max el	-1834 Oct 21 j 20:41	23° \mathbb{M} 01'13	20°35'28
	-1835 Dec 13 j 09:54	0° \mathbb{X}			-1834 Oct 27 j 18:12	0° Ω	
max. Earth dist.	-1835 Dec 16 j 15:46	5° \mathbb{X} 20'36	1.41472 AU	desc. node	-1834 Nov 15 j 15:18	27° Ω 32'14	
					-1834 Nov 17 j 05:44	0° \mathbb{M}	
superior conj	-1835 Dec 24 j 07:27	18° \mathbb{X} 26'09	-1°58'11	morning set	-1834 Nov 19 j 08:49	3° \mathbb{M} 17'38	
minimum elong	-1835 Dec 24 j 06:11	18° \mathbb{X} 20'38	1°58'12	max. Earth dist.	-1834 Nov 28 j 22:18	18° \mathbb{M} 24'59	1.43213 AU
	-1835 Dec 30 j 18:04	0° \mathbb{Z}					
evening rise	-1834 Jan 03 j 22:03	7° \mathbb{Z} 40'02		superior conj	-1834 Dec 05 j 06:40	28° \mathbb{M} 49'40	-1°45'47
asc. node	-1834 Jan 14 j 18:54	26° \mathbb{Z} 42'57		minimum elong	-1834 Dec 05 j 01:04	28° \mathbb{M} 26'21	1°45'26
	-1834 Jan 17 j 01:45	0° \approx			-1834 Dec 05 j 23:31	0° \mathbb{X}	
evening max el	-1834 Jan 20 j 07:31	3° \approx 47'05	18°12'23	evening rise	-1834 Dec 17 j 12:38	19° \mathbb{X} 53'30	
retrograde	-1834 Jan 27 j 06:03	7° \approx 17'02			-1834 Dec 23 j 07:00	0° \mathbb{Z}	
evening set	-1834 Jan 29 j 20:48	6° \approx 48'02		asc. node	-1833 Jan 01 j 15:57	14° \mathbb{Z} 31'34	
inferior conj	-1834 Feb 05 j 18:14	1° \approx 59'07	3°51'04	evening max el	-1833 Jan 03 j 19:13	16° \mathbb{Z} 55'48	18°08'48
minimum elong	-1834 Feb 05 j 19:43	1° \approx 55'46	3°50'56	retrograde	-1833 Jan 10 j 08:45	20° \mathbb{Z} 22'42	
	-1834 Feb 07 j 22:55	30° \mathbb{R} \mathbb{Z}		evening set	-1833 Jan 13 j 03:15	19° \mathbb{Z} 45'03	
min. Earth dist.	-1834 Feb 09 j 01:13	29° \mathbb{Z} 02'28	0.60290 AU	inferior conj	-1833 Jan 19 j 12:33	14° \mathbb{Z} 35'23	3°55'22
morning rise	-1834 Feb 12 j 16:53	26° \mathbb{Z} 18'21		minimum elong	-1833 Jan 19 j 11:44	14° \mathbb{Z} 37'29	3°55'19
direct	-1834 Feb 19 j 09:26	24° \mathbb{Z} 12'41		min. Earth dist.	-1833 Jan 22 j 08:18	11° \mathbb{Z} 42'17	0.62294 AU
desc. node	-1834 Feb 24 j 17:24	25° \mathbb{Z} 26'19		morning rise	-1833 Jan 25 j 19:10	8° \mathbb{Z} 41'17	
	-1834 Mar 03 j 12:33	0° \approx		direct	-1833 Feb 01 j 19:43	6° \mathbb{Z} 05'47	
morning max el	-1834 Mar 05 j 14:51	1° \approx 56'39	27°25'09	desc. node	-1833 Feb 11 j 14:28	10° \mathbb{Z} 12'06	
	-1834 Mar 25 j 23:40	0° \mathbb{X}		morning max el	-1833 Feb 15 j 19:26	13° \mathbb{Z} 54'53	27°45'20
morning set	-1834 Apr 06 j 03:57	21° \mathbb{X} 15'29			-1833 Feb 28 j 19:18	0° \approx	
	-1834 Apr 10 j 06:58	0° \mathbb{Y}			-1833 Mar 18 j 10:01	0° \mathbb{X}	
max. Earth dist.	-1834 Apr 12 j 14:57	5° \mathbb{Y} 04'23	1.32467 AU	morning set	-1833 Mar 21 j 07:17	5° \mathbb{X} 44'50	
asc. node	-1834 Apr 12 j 18:17	5° \mathbb{Y} 22'36		max. Earth dist.	-1833 Mar 27 j 00:42	17° \mathbb{X} 44'44	1.32775 AU
superior conj	-1834 Apr 13 j 07:55	6° \mathbb{Y} 37'13	0°06'01	superior conj	-1833 Mar 28 j 17:52	21° \mathbb{X} 26'58	-0°19'51
minimum elong	-1834 Apr 13 j 07:39	6° \mathbb{Y} 35'44	0°05'57	minimum elong	-1833 Mar 28 j 18:47	21° \mathbb{X} 31'58	0°19'40
behind sun begin	-1834 Apr 13 j 02:58	6° \mathbb{Y} 10'06		asc. node	-1833 Mar 30 j 15:18	25° \mathbb{X} 33'47	
behind sun end	-1834 Apr 13 j 12:20	7° \mathbb{Y} 01'23			-1833 Apr 01 j 16:21	0° \mathbb{Y}	
evening rise	-1834 Apr 20 j 06:15	21° \mathbb{Y} 37'50		evening rise	-1833 Apr 04 j 17:53	6° \mathbb{Y} 33'36	
	-1834 Apr 24 j 08:23	0° \mathbb{Z}			-1833 Apr 17 j 04:26	0° \mathbb{Z}	
	-1834 May 13 j 02:36	0° \mathbb{I}		evening max el	-1833 Apr 29 j 10:09	15° \mathbb{Z} 49'46	24°10'02
evening max el	-1834 May 17 j 18:27	5° \mathbb{I} 01'12	25°37'25	desc. node	-1833 May 10 j 13:37	22° \mathbb{Z} 31'13	
desc. node	-1834 May 23 j 16:34	9° \mathbb{I} 40'51		retrograde	-1833 May 13 j 06:48	22° \mathbb{Z} 48'08	
retrograde	-1834 May 31 j 19:57	12° \mathbb{I} 13'41		evening set	-1833 May 17 j 15:35	22° \mathbb{Z} 05'35	
evening set	-1834 Jun 06 j 13:45	10° \mathbb{I} 55'21		min. Earth dist.	-1833 May 23 j 21:38	19° \mathbb{Z} 02'27	0.56548 AU
min. Earth dist.	-1834 Jun 11 j 06:35	8° \mathbb{I} 11'40	0.58328 AU	inferior conj	-1833 May 26 j 10:53	17° \mathbb{Z} 26'44	-3°50'06
inferior conj	-1834 Jun 14 j 13:00	5° \mathbb{I} 51'43	-4°28'29	minimum elong	-1833 May 26 j 05:00	17° \mathbb{Z} 35'59	3°48'56
minimum elong	-1834 Jun 14 j 10:54	5° \mathbb{I} 55'29	4°28'18	morning rise	-1833 Jun 03 j 21:26	13° \mathbb{Z} 24'32	
morning rise	-1834 Jun 22 j 10:44	1° \mathbb{I} 31'47		direct	-1833 Jun 06 j 10:49	13° \mathbb{Z} 07'11	
direct	-1834 Jun 24 j 23:18	1° \mathbb{I} 11'35		morning max el	-1833 Jun 16 j 03:16	17° \mathbb{Z} 36'27	19°41'11
morning max el	-1834 Jul 03 j 06:06	5° \mathbb{I} 05'44	18°45'22		-1833 Jun 25 j 10:35	0° \mathbb{I}	
asc. node	-1834 Jul 09 j 17:35	13° \mathbb{I} 16'43		asc. node	-1833 Jun 26 j 14:38	2° \mathbb{I} 00'55	
	-1834 Jul 19 j 00:51	0° \mathbb{O}		morning set	-1833 Jul 03 j 17:53	15° \mathbb{I} 38'46	
morning set	-1834 Jul 19 j 16:29	1° \mathbb{O} 16'05			-1833 Jul 10 j 20:47	0° \mathbb{O}	
superior conj	-1834 Jul 28 j 09:04	18° \mathbb{O} 05'52	1°47'40	superior conj	-1833 Jul 11 j 17:39	1° \mathbb{O} 43'35	1°46'34
minimum elong	-1834 Jul 28 j 09:53	18° \mathbb{O} 09'44	1°47'41	minimum elong	-1833 Jul 11 j 16:36	1° \mathbb{O} 38'23	1°46'33
	-1834 Aug 03 j 20:31	0° \mathbb{Q}		max. Earth dist.	-1833 Jul 17 j 12:21	12° \mathbb{O} 51'56	1.37341 AU
max. Earth dist.	-1834 Aug 04 j 09:35	0° \mathbb{Q} 58'04	1.39282 AU	evening rise	-1833 Jul 21 j 08:48	19° \mathbb{O} 55'28	
evening rise	-1834 Aug 08 j 10:06	7° \mathbb{Q} 57'15			-1833 Jul 27 j 04:12	0° \mathbb{Q}	
desc. node	-1834 Aug 19 j 15:56	26° \mathbb{Q} 06'41		desc. node	-1833 Aug 06 j 12:58	16° \mathbb{Q} 24'00	
	-1834 Aug 22 j 05:37	0° \mathbb{M}			-1833 Aug 16 j 06:40	0° \mathbb{M}	
evening max el	-1834 Sep 12 j 18:26	27° \mathbb{M} 57'03	24°09'38	evening max el	-1833 Aug 26 j 05:33	11° \mathbb{M} 30'46	25°25'14
	-1834 Sep 14 j 22:53	0° Ω		retrograde	-1833 Sep 07 j 06:40	18° \mathbb{M} 27'55	
retrograde	-1834 Sep 23 j 19:47	4° Ω 26'53		evening set	-1833 Sep 13 j 05:29	15° \mathbb{M} 56'19	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

min. Earth dist.	-1833 Sep 17 j 15:10	11° \mathbb{M} 01'03	0.66930 AU	retrograde	-1832 Aug 20 j 12:33	2° \mathbb{M} 18'00	
inferior conj	-1833 Sep 18 j 16:42	9° \mathbb{M} 38'15	-1°18'55		-1832 Aug 26 j 12:46	30° \mathbb{R} 0	
minimum elong	-1833 Sep 18 j 18:37	9° \mathbb{M} 32'00	1°18'07	evening set	-1832 Aug 27 j 01:14	29° \mathbb{Q} 34'42	
asc. node	-1833 Sep 22 j 13:47	5° \mathbb{M} 05'01		min. Earth dist.	-1832 Aug 31 j 03:09	25° \mathbb{Q} 16'58	0.66122 AU
morning rise	-1833 Sep 24 j 07:54	3° \mathbb{M} 39'35		inferior conj	-1832 Sep 01 j 16:36	23° \mathbb{Q} 22'55	-2°12'35
direct	-1833 Sep 27 j 17:28	2° \mathbb{M} 32'41		minimum elong	-1832 Sep 01 j 19:47	23° \mathbb{Q} 13'14	2°11'24
morning max el	-1833 Oct 05 j 00:03	6° \mathbb{M} 41'53	19°31'17	morning rise	-1832 Sep 07 j 14:38	17° \mathbb{Q} 35'24	
	-1833 Oct 21 j 19:49	0° \mathbb{Q}		asc. node	-1832 Sep 08 j 10:52	17° \mathbb{Q} 10'27	
morning set	-1833 Oct 29 j 08:44	11° \mathbb{Q} 39'09		direct	-1832 Sep 10 j 15:30	16° \mathbb{Q} 43'06	
desc. node	-1833 Nov 02 j 12:21	18° \mathbb{Q} 06'56		morning max el	-1832 Sep 17 j 09:43	20° \mathbb{Q} 28'54	18°42'21
	-1833 Nov 10 j 02:09	0° \mathbb{M}			-1832 Sep 24 j 18:46	0° \mathbb{M}	
max. Earth dist.	-1833 Nov 11 j 11:31	2° \mathbb{M} 12'00	1.44414 AU	morning set	-1832 Oct 08 j 05:26	21° \mathbb{M} 05'57	
					-1832 Oct 13 j 19:40	0° \mathbb{Q}	
superior conj	-1833 Nov 15 j 03:01	8° \mathbb{M} 00'13	-1°15'46	desc. node	-1832 Oct 19 j 09:22	8° \mathbb{Q} 48'30	
minimum elong	-1833 Nov 14 j 19:18	7° \mathbb{M} 29'21	1°14'58				
	-1833 Nov 28 j 13:44	0° \mathbb{M}		superior conj	-1832 Oct 24 j 04:48	16° \mathbb{Q} 22'58	-0°30'44
evening rise	-1833 Nov 29 j 07:19	1° \mathbb{M} 13'32		minimum elong	-1832 Oct 24 j 00:46	16° \mathbb{Q} 07'05	0°30'13
	-1833 Dec 18 j 01:38	0° \mathbb{Q}		max. Earth dist.	-1832 Oct 24 j 05:14	16° \mathbb{Q} 24'42	1.44931 AU
evening max el	-1833 Dec 18 j 07:46	0° \mathbb{Q} 15'51	18°24'01		-1832 Nov 01 j 20:02	0° \mathbb{M}	
asc. node	-1833 Dec 19 j 13:00	1° \mathbb{Q} 24'54		evening rise	-1832 Nov 09 j 02:17	11° \mathbb{M} 32'57	
retrograde	-1833 Dec 24 j 21:01	3° \mathbb{Q} 51'05			-1832 Nov 20 j 16:55	0° \mathbb{M}	
evening set	-1833 Dec 27 j 19:59	3° \mathbb{Q} 03'35		evening max el	-1832 Nov 30 j 18:34	13° \mathbb{M} 41'08	18°57'02
	-1833 Dec 31 j 15:12	30° \mathbb{R} 0		asc. node	-1832 Dec 05 j 10:02	17° \mathbb{M} 07'35	
inferior conj	-1832 Jan 02 j 20:04	27° \mathbb{M} 34'46	3°40'29	retrograde	-1832 Dec 07 j 15:07	17° \mathbb{M} 34'36	
minimum elong	-1832 Jan 02 j 17:46	27° \mathbb{M} 41'20	3°40'07	evening set	-1832 Dec 10 j 19:55	16° \mathbb{M} 35'39	
min. Earth dist.	-1832 Jan 05 j 01:02	25° \mathbb{M} 03'53	0.64058 AU	inferior conj	-1832 Dec 16 j 13:12	10° \mathbb{M} 49'58	3°12'09
morning rise	-1832 Jan 08 j 15:01	21° \mathbb{M} 32'01		minimum elong	-1832 Dec 16 j 10:17	10° \mathbb{M} 59'01	3°11'25
direct	-1832 Jan 15 j 13:43	18° \mathbb{M} 41'29		min. Earth dist.	-1832 Dec 18 j 03:10	8° \mathbb{M} 52'16	0.65468 AU
morning max el	-1832 Jan 29 j 03:46	26° \mathbb{M} 28'15	27°29'18	morning rise	-1832 Dec 22 j 00:22	4° \mathbb{M} 41'18	
desc. node	-1832 Jan 29 j 11:32	26° \mathbb{M} 47'41		direct	-1832 Dec 28 j 14:04	1° \mathbb{M} 50'43	
	-1832 Feb 01 j 11:21	0° \mathbb{Q}		morning max el	-1831 Jan 10 j 13:18	9° \mathbb{M} 25'13	26°42'03
	-1832 Feb 22 j 08:43	0° \mathbb{Q}		desc. node	-1831 Jan 15 j 08:35	14° \mathbb{M} 41'09	
morning set	-1832 Mar 04 j 03:04	19° \mathbb{Q} 47'26			-1831 Jan 26 j 19:08	0° \mathbb{Q}	
max. Earth dist.	-1832 Mar 09 j 03:12	29° \mathbb{Q} 57'35	1.33491 AU		-1831 Feb 13 j 19:04	0° \mathbb{Q}	
	-1832 Mar 09 j 03:40	0° \mathbb{M}		morning set	-1831 Feb 15 j 11:49	3° \mathbb{Q} 11'51	
				max. Earth dist.	-1831 Feb 19 j 19:09	11° \mathbb{Q} 35'32	1.34653 AU
superior conj	-1832 Mar 12 j 00:22	6° \mathbb{M} 02'02	-0°45'48				
minimum elong	-1832 Mar 12 j 02:28	6° \mathbb{M} 13'15	0°45'24	superior conj	-1831 Feb 24 j 01:15	20° \mathbb{Q} 15'00	-1°10'38
asc. node	-1832 Mar 16 j 12:21	15° \mathbb{M} 39'39		minimum elong	-1831 Feb 24 j 04:20	20° \mathbb{Q} 30'58	1°10'08
evening rise	-1832 Mar 19 j 05:14	21° \mathbb{M} 23'47			-1831 Feb 28 j 17:10	0° \mathbb{M}	
	-1832 Mar 23 j 10:27	0° \mathbb{Y}		asc. node	-1831 Mar 03 j 09:22	5° \mathbb{M} 35'21	
evening max el	-1832 Apr 10 j 02:35	26° \mathbb{Y} 28'40	22°35'16	evening rise	-1831 Mar 03 j 14:28	6° \mathbb{M} 01'43	
	-1832 Apr 14 j 10:43	0° \mathbb{Q}			-1831 Mar 16 j 21:03	0° \mathbb{Y}	
retrograde	-1832 Apr 23 j 04:38	2° \mathbb{Q} 54'27		evening max el	-1831 Mar 23 j 01:59	7° \mathbb{Y} 24'42	21°06'32
evening set	-1832 Apr 26 j 06:15	2° \mathbb{Q} 33'50		retrograde	-1831 Apr 03 j 18:01	13° \mathbb{Y} 01'54	
desc. node	-1832 Apr 26 j 10:37	2° \mathbb{Q} 31'22		evening set	-1831 Apr 06 j 02:15	12° \mathbb{Y} 49'09	
	-1832 May 02 j 15:54	30° \mathbb{R} 0		desc. node	-1831 Apr 13 j 07:38	9° \mathbb{Y} 59'42	
min. Earth dist.	-1832 May 04 j 11:11	28° \mathbb{Y} 59'59	0.55380 AU	inferior conj	-1831 Apr 15 j 09:17	8° \mathbb{Y} 50'35	-0°35'05
inferior conj	-1832 May 05 j 14:37	28° \mathbb{Y} 20'51	-2°28'34	minimum elong	-1831 Apr 15 j 07:37	8° \mathbb{Y} 52'56	0°34'28
minimum elong	-1832 May 05 j 08:29	28° \mathbb{Y} 29'37	2°26'42	min. Earth dist.	-1831 Apr 16 j 00:32	8° \mathbb{Y} 29'02	0.55083 AU
morning rise	-1832 May 14 j 12:39	24° \mathbb{Y} 25'22		morning rise	-1831 Apr 24 j 12:47	4° \mathbb{Y} 45'00	
direct	-1832 May 17 j 05:30	24° \mathbb{Y} 08'28		direct	-1831 Apr 27 j 16:40	4° \mathbb{Y} 23'18	
morning max el	-1832 May 28 j 13:37	29° \mathbb{Y} 25'56	20°57'02	morning max el	-1831 May 10 j 13:16	10° \mathbb{Y} 33'20	22°29'24
	-1832 May 29 j 03:55	0° \mathbb{Q}			-1831 May 24 j 16:01	0° \mathbb{Q}	
asc. node	-1832 Jun 12 j 11:41	21° \mathbb{Q} 16'17		asc. node	-1831 May 30 j 08:44	10° \mathbb{Q} 54'45	
	-1832 Jun 16 j 20:51	0° \mathbb{M}		morning set	-1831 Jun 01 j 11:07	15° \mathbb{Q} 14'00	
morning set	-1832 Jun 17 j 00:47	0° \mathbb{M} 20'07			-1831 Jun 08 j 10:15	0° \mathbb{M}	
superior conj	-1832 Jun 24 j 13:09	15° \mathbb{M} 55'31	1°38'05	superior conj	-1831 Jun 08 j 16:12	0° \mathbb{M} 31'28	1°24'01
minimum elong	-1832 Jun 24 j 11:00	15° \mathbb{M} 44'24	1°37'56	minimum elong	-1831 Jun 08 j 13:37	0° \mathbb{M} 17'51	1°23'44
max. Earth dist.	-1832 Jun 28 j 21:17	24° \mathbb{M} 40'47	1.35640 AU	max. Earth dist.	-1831 Jun 11 j 15:55	6° \mathbb{M} 46'54	1.34282 AU
	-1832 Jul 01 j 14:54	0° \mathbb{Q}		evening rise	-1831 Jun 16 j 13:06	16° \mathbb{M} 37'22	
evening rise	-1832 Jul 03 j 03:29	2° \mathbb{Q} 53'35			-1831 Jun 23 j 17:23	0° \mathbb{Q}	
	-1832 Jul 19 j 02:47	0° \mathbb{Q}		desc. node	-1831 Jul 10 j 06:56	25° \mathbb{Q} 47'18	
desc. node	-1832 Jul 23 j 09:58	6° \mathbb{Q} 20'28			-1831 Jul 13 j 13:05	0° \mathbb{Q}	
evening max el	-1832 Aug 07 j 17:05	25° \mathbb{Q} 04'51	26°28'04	evening max el	-1831 Jul 21 j 04:50	8° \mathbb{Q} 30'39	27°10'21
	-1832 Aug 13 j 18:28	0° \mathbb{M}		retrograde	-1831 Aug 03 j 12:56	15° \mathbb{Q} 50'39	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening set	-1831 Aug 10 j 12:33	13°Ω03'50		evening set	-1830 Jul 24 j 12:12	26°♄17'47	
min. Earth dist.	-1831 Aug 14 j 07:33	9°Ω23'33	0.64949 AU	min. Earth dist.	-1830 Jul 28 j 02:27	23°♄10'26	0.63400 AU
inferior conj	-1831 Aug 16 j 10:10	7°Ω01'46	-3°02'59	inferior conj	-1830 Jul 30 j 18:43	20°♄28'14	-3°46'59
minimum elong	-1831 Aug 16 j 14:15	6°Ω50'18	3°01'42	minimum elong	-1830 Jul 30 j 22:58	20°♄17'28	3°45'59
morning rise	-1831 Aug 22 j 16:33	1°Ω28'47		morning rise	-1830 Aug 06 j 10:46	15°♄13'07	
direct	-1831 Aug 25 j 11:01	0°Ω47'48		direct	-1830 Aug 09 j 01:09	14°♄40'30	
asc. node	-1831 Aug 26 j 07:56	0°Ω51'52		asc. node	-1830 Aug 13 j 05:00	16°♄04'44	
morning max el	-1831 Aug 31 j 23:36	4°Ω18'48	18°10'06	morning max el	-1830 Aug 15 j 15:00	18°♄05'22	17°55'24
	-1831 Sep 18 j 02:32	0°♍			-1830 Aug 24 j 05:35	0°Ω	
morning set	-1831 Sep 19 j 06:21	1°♍55'56		morning set	-1830 Sep 01 j 08:14	13°Ω57'10	
					-1830 Sep 10 j 15:59	0°♍	
superior conj	-1831 Oct 03 j 08:56	24°♍57'58	0°18'42	superior conj	-1830 Sep 13 j 10:44	4°♍38'50	1°00'29
minimum elong	-1831 Oct 03 j 11:13	25°♍07'04	0°18'23	minimum elong	-1830 Sep 13 j 16:02	5°♍00'49	0°59'52
desc. node	-1831 Oct 06 j 06:23	29°♍33'59		max. Earth dist.	-1830 Sep 19 j 16:09	14°♍48'20	1.43786 AU
	-1831 Oct 06 j 12:57	0°♎		desc. node	-1830 Sep 23 j 03:22	20°♍19'53	
max. Earth dist.	-1831 Oct 07 j 00:02	0°♎43'50	1.44709 AU	evening rise	-1830 Sep 29 j 04:20	29°♍46'25	
evening rise	-1831 Oct 19 j 22:08	20°♎55'54			-1830 Sep 29 j 07:51	0°♎	
	-1831 Oct 25 j 18:51	0°♎			-1830 Oct 19 j 13:22	0°♎	
greatest brilliancy	-1831 Nov 01 j 16:21	10°♎31'17	-0.7m	evening max el	-1830 Oct 28 j 02:41	10°♎35'23	20°49'45
evening max el	-1831 Nov 14 j 01:24	27°♎08'22	19°46'21	retrograde	-1830 Nov 05 j 09:36	15°♎29'54	
	-1831 Nov 17 j 08:38	0°♏		evening set	-1830 Nov 09 j 07:42	14°♎01'59	
retrograde	-1831 Nov 21 j 12:07	1°♏28'51		asc. node	-1830 Nov 09 j 04:09	14°♎08'32	
asc. node	-1831 Nov 22 j 07:05	1°♏25'16		inferior conj	-1830 Nov 14 j 17:14	7°♎51'52	1°49'33
evening set	-1831 Nov 25 j 00:32	0°♏16'28		minimum elong	-1830 Nov 14 j 14:57	7°♎59'40	1°48'39
	-1831 Nov 25 j 09:40	30°♏♎		min. Earth dist.	-1830 Nov 15 j 05:36	7°♎09'36	0.67158 AU
inferior conj	-1831 Nov 30 j 13:04	24°♎16'52	2°34'18	morning rise	-1830 Nov 19 j 22:01	1°♎37'37	
minimum elong	-1831 Nov 30 j 10:13	24°♎26'16	2°33'21		-1830 Nov 22 j 06:48	30°♏♎	
min. Earth dist.	-1831 Dec 01 j 13:25	22°♎56'43	0.66495 AU	direct	-1830 Nov 25 j 07:17	29°♎17'00	
morning rise	-1831 Dec 05 j 19:42	18°♎04'20			-1830 Nov 28 j 13:21	0°♎	
direct	-1831 Dec 11 j 20:04	15°♎25'11		morning max el	-1830 Dec 06 j 07:03	5°♎50'22	24°08'07
morning max el	-1831 Dec 23 j 22:24	22°♎35'15	25°31'46	desc. node	-1830 Dec 20 j 02:44	22°♎57'36	
	-1831 Dec 30 j 11:43	0°♏			-1830 Dec 25 j 00:15	0°♏	
desc. node	-1830 Jan 02 j 05:40	3°♏29'54		morning set	-1829 Jan 11 j 00:32	27°♏10'53	
	-1830 Jan 20 j 02:24	0°♐			-1829 Jan 12 j 15:25	0°♐	
morning set	-1830 Jan 29 j 04:57	15°♐45'03		max. Earth dist.	-1829 Jan 14 j 20:11	3°♐53'45	1.38209 AU
max. Earth dist.	-1830 Feb 01 j 23:41	22°♐45'55	1.36257 AU				
	-1830 Feb 05 j 17:42	0°♑		superior conj	-1829 Jan 21 j 22:36	17°♐02'23	-1°49'38
superior conj	-1830 Feb 07 j 17:50	3°♑58'21	-1°32'40	minimum elong	-1829 Jan 22 j 01:34	17°♐16'31	1°49'28
minimum elong	-1830 Feb 07 j 21:22	4°♑15'57	1°32'16		-1829 Jan 28 j 14:14	0°♑	
evening rise	-1830 Feb 15 j 19:35	20°♑21'31		evening rise	-1829 Jan 30 j 18:13	4°♑16'17	
asc. node	-1830 Feb 18 j 06:24	25°♑16'16		asc. node	-1829 Feb 05 j 03:26	14°♑36'42	
	-1830 Feb 20 j 16:56	0°♒			-1829 Feb 15 j 07:40	0°♒	
evening max el	-1830 Mar 05 j 11:57	18°♒55'06	19°52'47	evening max el	-1829 Feb 16 j 08:31	1°♒03'04	18°58'04
retrograde	-1830 Mar 15 j 11:14	23°♒40'44		retrograde	-1829 Feb 24 j 19:11	5°♒06'52	
evening set	-1830 Mar 17 j 16:00	23°♒27'52		evening set	-1829 Feb 27 j 03:14	4°♒49'30	
inferior conj	-1830 Mar 26 j 09:20	19°♒26'26	1°19'26	inferior conj	-1829 Mar 07 j 02:23	0°♒33'30	2°46'23
minimum elong	-1830 Mar 26 j 12:36	19°♒21'23	1°18'21	minimum elong	-1829 Mar 07 j 07:01	0°♒25'15	2°45'13
min. Earth dist.	-1830 Mar 28 j 14:39	18°♒04'35	0.55732 AU		-1829 Mar 07 j 21:10	30°♒♑	
desc. node	-1830 Mar 31 j 04:42	16°♒36'25		min. Earth dist.	-1829 Mar 10 j 06:40	28°♑19'03	0.57175 AU
morning rise	-1830 Apr 04 j 07:00	14°♒53'46		morning rise	-1829 Mar 15 j 07:54	25°♑28'46	
direct	-1830 Apr 08 j 08:52	14°♒17'00		desc. node	-1829 Mar 18 j 01:47	24°♑37'59	
morning max el	-1830 Apr 22 j 05:47	21°♒11'46	24°09'30	direct	-1829 Mar 20 j 14:13	24°♑22'39	
	-1830 Apr 29 j 19:45	0°♓			-1829 Apr 01 j 22:10	0°♒	
morning set	-1830 May 16 j 23:02	0°♓13'53		morning max el	-1829 Apr 03 j 20:59	1°♒46'48	25°43'39
	-1830 May 16 j 20:23	0°♓			-1829 Apr 23 j 18:00	0°♓	
asc. node	-1830 May 17 j 05:46	0°♓49'18		morning set	-1829 May 01 j 10:54	15°♓14'06	
				asc. node	-1829 May 04 j 02:48	20°♓54'46	
superior conj	-1830 May 24 j 00:08	15°♓22'30	1°05'45	superior conj	-1829 May 08 j 10:54	0°♓21'49	0°44'17
minimum elong	-1830 May 23 j 21:43	15°♓09'28	1°05'23	minimum elong	-1829 May 08 j 09:05	0°♓11'53	0°43'56
max. Earth dist.	-1830 May 25 j 19:32	19°♓15'49	1.33304 AU		-1829 May 08 j 06:55	0°♓	
	-1830 May 30 j 22:48	0°♔		max. Earth dist.	-1829 May 09 j 05:35	2°♓03'44	1.32701 AU
evening rise	-1830 May 31 j 09:21	0°♔53'30		evening rise	-1829 May 15 j 13:01	15°♓31'56	
	-1830 Jun 16 j 16:38	0°♔			-1829 May 22 j 22:31	0°♔	
desc. node	-1830 Jun 27 j 03:56	14°♔31'24			-1829 Jun 11 j 23:23	0°♔	
evening max el	-1830 Jul 03 j 15:01	21°♔34'50	27°25'20	desc. node	-1829 Jun 14 j 00:57	2°♔14'35	
retrograde	-1830 Jul 17 j 07:33	28°♔56'15					

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening max el	-1829 Jun 15 j 21:27	4°☿05'31	27°08'25	retrograde	-1828 Jun 10 j 23:26	23°♊09'47	
retrograde	-1829 Jun 29 j 19:36	11°☿25'19		evening set	-1828 Jun 17 j 07:53	21°♊29'12	
evening set	-1829 Jul 06 j 20:07	9°☿09'32		min. Earth dist.	-1828 Jun 21 j 11:07	18°♊49'38	0.59485 AU
min. Earth dist.	-1829 Jul 10 j 11:20	6°☿24'11	0.61531 AU	inferior conj	-1828 Jun 24 j 19:41	16°♊13'07	-4°33'23
inferior conj	-1829 Jul 13 j 15:05	3°☿35'05	-4°19'40	minimum elong	-1828 Jun 24 j 19:56	16°♊12'38	4°33'20
minimum elong	-1829 Jul 13 j 18:13	3°☿28'03	4°19'14	morning rise	-1828 Jul 02 j 10:13	11°♊40'21	
	-1829 Jul 18 j 02:26	30°♊		direct	-1828 Jul 04 j 22:24	11°♊18'08	
morning rise	-1829 Jul 20 j 17:55	28°♊40'24		morning max el	-1828 Jul 12 j 14:43	14°♊59'24	18°22'39
direct	-1829 Jul 23 j 06:18	28°♊13'52		asc. node	-1828 Jul 16 j 23:08	20°♊08'50	
	-1829 Jul 28 j 04:49	0°☿			-1828 Jul 23 j 01:04	0°☿	
morning max el	-1829 Jul 30 j 05:02	1°☿41'40	17°59'14	morning set	-1828 Jul 28 j 16:28	10°☿31'41	
asc. node	-1829 Jul 31 j 02:04	2°☿35'34					
morning set	-1829 Aug 15 j 05:20	26°☿53'34		superior conj	-1828 Aug 06 j 21:52	27°☿56'50	1°44'07
	-1829 Aug 16 j 22:04	0°♈		minimum elong	-1828 Aug 07 j 00:03	28°☿06'49	1°44'03
					-1828 Aug 08 j 00:47	0°♈	
superior conj	-1829 Aug 25 j 16:09	15°♈41'32	1°28'57	max. Earth dist.	-1828 Aug 14 j 08:36	11°♈12'41	1.40424 AU
minimum elong	-1829 Aug 25 j 20:39	16°♈01'10	1°28'35	evening rise	-1828 Aug 18 j 22:42	18°♈57'18	
max. Earth dist.	-1829 Sep 02 j 03:04	28°♈21'07	1.42290 AU		-1828 Aug 25 j 19:37	0°♎	
	-1829 Sep 03 j 03:05	0°♎		desc. node	-1828 Aug 26 j 21:23	1°♎40'12	
evening rise	-1829 Sep 08 j 15:14	8°♎52'29			-1828 Sep 15 j 21:32	0°♎	
desc. node	-1829 Sep 10 j 00:22	11°♎03'08		evening max el	-1828 Sep 22 j 12:33	7°♎31'59	23°23'42
	-1829 Sep 22 j 12:31	0°♎		retrograde	-1828 Oct 02 j 22:46	13°♎41'48	
evening max el	-1829 Oct 10 j 22:02	24°♎02'34	22°03'50	evening set	-1828 Oct 07 j 22:22	11°♎37'41	
retrograde	-1829 Oct 20 j 05:38	29°♎35'01		asc. node	-1828 Oct 12 j 22:18	5°♎45'42	
evening set	-1829 Oct 24 j 15:33	27°♎49'36		inferior conj	-1828 Oct 13 j 06:30	5°♎17'33	0°07'05
asc. node	-1829 Oct 27 j 01:14	25°♎24'17		minimum elong	-1828 Oct 13 j 06:20	5°♎18'09	0°07'01
inferior conj	-1829 Oct 29 j 23:38	21°♎32'38	0°59'54	transit middle	-1828 Oct 13 j 06:20	5°♎18'09	0°07'01
minimum elong	-1829 Oct 29 j 22:17	21°♎37'18	0°59'20	transit begin	-1828 Oct 13 j 03:53	5°♎26'32	
min. Earth dist.	-1829 Oct 30 j 01:15	21°♎27'04	0.67497 AU	transit end	-1828 Oct 13 j 08:47	5°♎09'46	
morning rise	-1829 Nov 04 j 04:52	15°♎19'09		min. Earth dist.	-1828 Oct 12 j 21:50	5°♎47'16	0.67525 AU
direct	-1829 Nov 08 j 23:02	13°♎20'13			-1828 Oct 17 j 14:12	30°♎	
morning max el	-1829 Nov 18 j 17:30	19°♎08'47	22°40'49	morning rise	-1828 Oct 18 j 14:12	29°♎07'38	
	-1829 Nov 27 j 19:22	0°♏		direct	-1828 Oct 22 j 18:19	27°♎30'34	
desc. node	-1829 Dec 06 j 23:46	12°♏52'44			-1828 Oct 28 j 13:01	0°♎	
	-1829 Dec 18 j 04:59	0°♏		morning max el	-1828 Oct 31 j 09:11	2°♎34'28	21°18'23
morning set	-1829 Dec 22 j 16:32	7°♏13'44			-1828 Nov 20 j 18:53	0°♏	
max. Earth dist.	-1829 Dec 27 j 15:58	15°♏32'50	1.40310 AU	desc. node	-1828 Nov 22 j 20:48	3°♏07'49	
				morning set	-1828 Dec 01 j 04:27	15°♏57'48	
superior conj	-1828 Jan 04 j 10:53	29°♏14'26	-1°58'24	max. Earth dist.	-1828 Dec 08 j 18:10	28°♏07'29	1.42272 AU
minimum elong	-1828 Jan 04 j 11:42	29°♏18'07	1°58'26		-1828 Dec 09 j 21:31	0°♏	
	-1828 Jan 04 j 20:55	0°♏					
evening rise	-1828 Jan 14 j 07:19	17°♏37'44		superior conj	-1828 Dec 16 j 01:13	10°♏21'48	-1°54'58
	-1828 Jan 20 j 23:46	0°♏		minimum elong	-1828 Dec 15 j 22:08	10°♏08'34	1°54'53
asc. node	-1828 Jan 23 j 00:30	3°♏28'51		evening rise	-1828 Dec 27 j 07:21	0°♏18'44	
evening max el	-1828 Jan 30 j 13:19	13°♏41'24	18°23'21		-1828 Dec 27 j 03:13	0°♏	
retrograde	-1828 Feb 06 j 21:38	17°♏18'51		asc. node	-1827 Jan 08 j 21:33	21°♏44'00	
evening set	-1828 Feb 09 j 10:09	16°♏54'27		evening max el	-1827 Jan 12 j 23:24	26°♏41'48	18°08'27
inferior conj	-1828 Feb 16 j 16:08	12°♏18'16	3°36'50		-1827 Jan 18 j 08:28	0°♏	
minimum elong	-1828 Feb 16 j 19:05	12°♏12'10	3°36'25	retrograde	-1827 Jan 19 j 16:43	0°♏08'27	
min. Earth dist.	-1828 Feb 20 j 02:10	9°♏29'55	0.59107 AU		-1827 Jan 21 j 01:13	30°♏	
morning rise	-1828 Feb 24 j 01:43	6°♏48'21		evening set	-1827 Jan 22 j 09:10	29°♏35'45	
direct	-1828 Mar 01 j 08:52	5°♏03'46		inferior conj	-1827 Jan 29 j 01:03	24°♏37'53	3°55'38
desc. node	-1828 Mar 03 j 22:52	5°♏20'56		minimum elong	-1827 Jan 29 j 01:29	24°♏36'51	3°55'36
morning max el	-1828 Mar 15 j 15:51	12°♏42'58	26°56'57	min. Earth dist.	-1827 Feb 01 j 04:02	21°♏40'11	0.61173 AU
	-1828 Mar 29 j 07:03	0°♐		morning rise	-1827 Feb 04 j 16:26	18°♏51'04	
morning set	-1828 Apr 14 j 20:58	0°♐07'37		direct	-1827 Feb 11 j 13:55	16°♏31'06	
	-1828 Apr 14 j 19:30	0°♐		desc. node	-1827 Feb 18 j 19:57	18°♏47'22	
asc. node	-1828 Apr 19 j 23:51	11°♐05'45		morning max el	-1827 Feb 25 j 16:53	24°♏17'08	27°38'08
					-1827 Mar 02 j 21:49	0°♐	
superior conj	-1828 Apr 21 j 22:40	15°♐22'06	0°20'28		-1827 Mar 22 j 12:55	0°♐	
minimum elong	-1828 Apr 21 j 21:46	15°♐17'09	0°20'17	morning set	-1827 Mar 30 j 03:22	14°♐47'52	
max. Earth dist.	-1828 Apr 21 j 18:30	14°♐59'14	1.32454 AU	max. Earth dist.	-1827 Apr 05 j 06:38	27°♐49'35	1.32559 AU
evening rise	-1828 Apr 28 j 21:25	0°♑23'02					
	-1828 Apr 28 j 17:01	0°♑		superior conj	-1827 Apr 06 j 09:45	0°♐17'20	-0°04'55
	-1828 May 15 j 04:07	0°♑		minimum elong	-1827 Apr 06 j 09:59	0°♐18'35	0°04'52
evening max el	-1828 May 27 j 22:00	15°♑53'54	26°18'55	behind sun begin	-1827 Apr 06 j 05:08	29°♐52'08	
desc. node	-1828 May 30 j 22:00	18°♑31'11		behind sun end	-1827 Apr 06 j 14:50	0°♐45'02	

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	-1827 Apr 06 j 06:35	0°♿		superior conj	-1826 Mar 21 j 18:29	15°♿01'46	-0°30'55
asc. node	-1827 Apr 06 j 20:54	1°♿18'08		minimum elong	-1826 Mar 21 j 19:55	15°♿09'30	0°30'38
evening rise	-1827 Apr 13 j 08:25	15°♿19'16		asc. node	-1826 Mar 24 j 17:55	21°♿27'47	
	-1827 Apr 20 j 17:19	0°♿		evening rise	-1826 Mar 28 j 20:10	0°♿13'54	
evening max el	-1827 May 09 j 16:15	27°♿00'29	25°02'03		-1826 Mar 28 j 17:32	0°♿	
	-1827 May 13 j 03:57	0°♿			-1826 Apr 14 j 16:00	0°♿	
desc. node	-1827 May 17 j 19:03	2°♿47'34		evening max el	-1826 Apr 21 j 07:22	7°♿41'25	23°29'39
retrograde	-1827 May 23 j 16:39	4°♿07'46		retrograde	-1826 May 04 j 21:41	14°♿28'20	
evening set	-1827 May 28 j 21:07	3°♿06'01		desc. node	-1826 May 04 j 16:05	14°♿28'12	
min. Earth dist.	-1827 Jun 03 j 04:07	0°♿15'37	0.57519 AU	evening set	-1826 May 08 j 16:28	13°♿56'51	
	-1827 Jun 03 j 13:40	30°♿		min. Earth dist.	-1826 May 15 j 17:54	10°♿42'21	0.55959 AU
inferior conj	-1827 Jun 06 j 05:12	28°♿12'48	-4°17'18	inferior conj	-1826 May 17 j 18:45	9°♿29'38	-3°20'40
minimum elong	-1827 Jun 06 j 01:18	28°♿19'24	4°16'48	minimum elong	-1826 May 17 j 12:07	9°♿39'32	3°19'01
morning rise	-1827 Jun 14 j 08:19	24°♿00'58		morning rise	-1826 May 26 j 10:36	5°♿32'28	
direct	-1827 Jun 16 j 21:18	23°♿42'00		direct	-1826 May 29 j 01:06	5°♿15'39	
morning max el	-1827 Jun 25 j 17:07	27°♿49'22	19°06'36	morning max el	-1826 Jun 08 j 09:49	10°♿03'30	20°11'13
	-1827 Jun 27 j 19:21	0°♿		asc. node	-1826 Jun 20 j 17:14	27°♿29'23	
asc. node	-1827 Jul 03 j 20:11	8°♿30'29			-1826 Jun 22 j 01:33	0°♿	
morning set	-1827 Jul 12 j 13:33	24°♿40'31		morning set	-1826 Jun 26 j 17:35	9°♿12'34	
	-1827 Jul 15 j 05:59	0°♿					
				superior conj	-1826 Jul 04 j 11:54	25°♿02'53	1°43'44
superior conj	-1827 Jul 20 j 22:09	11°♿08'35	1°48'14	minimum elong	-1826 Jul 04 j 10:17	24°♿54'46	1°43'42
minimum elong	-1827 Jul 20 j 22:05	11°♿08'17	1°48'15		-1826 Jul 06 j 23:34	0°♿	
max. Earth dist.	-1827 Jul 27 j 11:19	23°♿24'43	1.38437 AU	max. Earth dist.	-1826 Jul 09 j 16:19	5°♿14'39	1.36576 AU
evening rise	-1827 Jul 31 j 07:37	0°♿14'53		evening rise	-1826 Jul 13 j 15:28	12°♿40'23	
	-1827 Jul 31 j 04:12	0°♿			-1826 Jul 23 j 16:37	0°♿	
desc. node	-1827 Aug 13 j 18:23	22°♿06'14		desc. node	-1826 Jul 31 j 15:23	12°♿15'52	
	-1827 Aug 19 j 03:07	0°♿			-1826 Aug 14 j 02:38	0°♿	
evening max el	-1827 Sep 05 j 00:16	21°♿04'07	24°42'56	evening max el	-1826 Aug 18 j 11:19	4°♿38'18	25°53'56
retrograde	-1827 Sep 16 j 12:00	27°♿46'05		retrograde	-1826 Aug 30 j 20:43	11°♿43'31	
evening set	-1827 Sep 22 j 02:24	25°♿23'38		evening set	-1826 Sep 06 j 01:49	9°♿05'49	
min. Earth dist.	-1827 Sep 26 j 16:52	20°♿07'47	0.67243 AU	min. Earth dist.	-1826 Sep 10 j 08:03	4°♿26'41	0.66633 AU
inferior conj	-1827 Sep 27 j 12:04	19°♿03'57	-0°47'25	inferior conj	-1826 Sep 11 j 14:35	2°♿50'05	-1°41'56
minimum elong	-1827 Sep 27 j 13:13	19°♿00'07	0°46'55	minimum elong	-1826 Sep 11 j 17:04	2°♿42'14	1°40'56
asc. node	-1827 Sep 29 j 19:21	16°♿06'47			-1826 Sep 13 j 22:34	30°♿	
morning rise	-1827 Oct 03 j 00:03	13°♿00'31		asc. node	-1826 Sep 16 j 16:24	27°♿23'28	
direct	-1827 Oct 06 j 15:50	11°♿43'28		morning rise	-1826 Sep 17 j 08:32	26°♿56'04	
morning max el	-1827 Oct 14 j 08:15	16°♿09'39	20°06'30	direct	-1826 Sep 20 j 14:06	25°♿55'53	
	-1827 Oct 25 j 02:19	0°♿		morning max el	-1826 Sep 27 j 14:35	29°♿53'48	19°08'34
desc. node	-1827 Nov 09 j 17:49	23°♿36'25			-1826 Sep 27 j 17:01	0°♿	
morning set	-1827 Nov 10 j 01:43	24°♿06'58			-1826 Oct 18 j 12:48	0°♿	
	-1827 Nov 13 j 20:34	0°♿		morning set	-1826 Oct 20 j 08:29	2°♿51'09	
max. Earth dist.	-1827 Nov 21 j 04:24	11°♿34'23	1.43807 AU	desc. node	-1826 Oct 27 j 14:49	14°♿14'21	
				max. Earth dist.	-1826 Nov 03 j 20:04	25°♿35'08	1.44722 AU
superior conj	-1827 Nov 26 j 12:48	20°♿13'20	-1°35'15				
minimum elong	-1827 Nov 26 j 05:44	19°♿44'30	1°34'40	superior conj	-1826 Nov 05 j 23:14	28°♿57'18	-0°58'01
	-1827 Dec 02 j 10:25	0°♿		minimum elong	-1826 Nov 05 j 16:21	28°♿30'04	0°57'13
evening rise	-1827 Dec 09 j 13:59	12°♿10'35			-1826 Nov 06 j 15:04	0°♿	
	-1827 Dec 20 j 02:58	0°♿		evening rise	-1826 Nov 20 j 22:54	23°♿05'26	
asc. node	-1827 Dec 26 j 18:35	9°♿10'50			-1826 Nov 25 j 03:54	0°♿	
evening max el	-1827 Dec 27 j 11:47	9°♿56'05	18°12'55	evening max el	-1826 Dec 10 j 23:47	23°♿18'26	18°35'55
retrograde	-1826 Jan 03 j 00:04	13°♿25'08		asc. node	-1826 Dec 13 j 15:37	25°♿35'58	
evening set	-1826 Jan 05 j 20:25	12°♿43'19		retrograde	-1826 Dec 17 j 15:23	27°♿00'42	
inferior conj	-1826 Jan 12 j 01:27	7°♿24'56	3°51'01	evening set	-1826 Dec 20 j 16:34	26°♿08'35	
minimum elong	-1826 Jan 11 j 23:53	7°♿29'07	3°50'50	inferior conj	-1826 Dec 26 j 13:28	20°♿32'01	3°29'53
min. Earth dist.	-1826 Jan 14 j 14:57	4°♿39'48	0.63089 AU	minimum elong	-1826 Dec 26 j 10:49	20°♿39'54	3°29'20
morning rise	-1826 Jan 18 j 02:36	1°♿26'47		min. Earth dist.	-1826 Dec 28 j 11:53	18°♿14'23	0.64700 AU
	-1826 Jan 20 j 07:25	30°♿		morning rise	-1825 Jan 01 j 04:38	14°♿26'13	
direct	-1826 Jan 25 j 03:22	28°♿43'23		direct	-1825 Jan 08 j 00:02	11°♿34'08	
	-1826 Jan 30 j 07:34	0°♿		morning max el	-1825 Jan 21 j 08:50	19°♿17'34	27°12'39
desc. node	-1826 Feb 05 j 17:01	4°♿24'20		desc. node	-1825 Jan 23 j 14:04	21°♿36'31	
morning max el	-1826 Feb 07 j 23:26	6°♿31'40	27°42'46		-1825 Jan 30 j 12:47	0°♿	
	-1826 Feb 25 j 21:38	0°♿			-1825 Feb 18 j 20:48	0°♿	
morning set	-1826 Mar 14 j 03:52	29°♿07'12		morning set	-1825 Feb 25 j 19:29	12°♿55'31	
	-1826 Mar 14 j 14:22	0°♿		max. Earth dist.	-1825 Mar 02 j 12:33	22°♿20'24	1.33929 AU
max. Earth dist.	-1826 Mar 19 j 14:01	10°♿21'01	1.33034 AU				
				superior conj	-1825 Mar 05 j 22:52	29°♿28'21	-0°56'34

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1825 Mar 06 j 01:26	29° \approx 41'52	0°56'06	max. Earth dist.	-1824 Feb 12 j 23:23	3° \approx 44'31	1.35278 AU
	-1825 Mar 06 j 04:52	0° H					
asc. node	-1825 Mar 11 j 14:57	11° H 30'00		superior conj	-1824 Feb 17 j 20:38	13° \approx 30'23	-1°20'26
evening rise	-1825 Mar 13 j 06:52	14° H 59'51		minimum elong	-1824 Feb 17 j 24:00	13° \approx 47'33	1°19'57
	-1825 Mar 20 j 22:02	0° Y		evening rise	-1824 Feb 25 j 14:38	29° \approx 31'11	
evening max el	-1825 Apr 03 j 01:56	18° Y 24'19	21°56'05		-1824 Feb 25 j 20:16	0° H	
retrograde	-1825 Apr 15 j 15:27	24° Y 31'38		asc. node	-1824 Feb 26 j 12:00	1° H 20'24	
evening set	-1825 Apr 18 j 07:29	24° Y 15'45		evening max el	-1824 Mar 15 j 05:45	29° H 34'44	20°33'03
desc. node	-1825 Apr 21 j 13:08	23° Y 17'40			-1824 Mar 15 j 16:32	0° Y	
inferior conj	-1825 Apr 27 j 17:05	20° Y 10'28	-1°42'49	retrograde	-1824 Mar 26 j 04:49	4° Y 49'18	
minimum elong	-1825 Apr 27 j 12:26	20° Y 17'02	1°41'14	evening set	-1824 Mar 28 j 10:01	4° Y 37'20	
min. Earth dist.	-1825 Apr 27 j 07:20	20° Y 24'12	0.55133 AU	inferior conj	-1824 Apr 06 j 12:23	0° Y 39'48	0°15'22
morning rise	-1825 May 06 j 18:36	16° Y 13'10		minimum elong	-1824 Apr 06 j 13:05	0° Y 38'47	0°15'07
direct	-1825 May 09 j 14:32	15° Y 55'19		transit middle	-1824 Apr 06 j 13:05	0° Y 38'47	0°15'07
morning max el	-1825 May 21 j 15:36	21° Y 35'21	21°34'45	transit begin	-1824 Apr 06 j 11:51	0° Y 40'34	
	-1825 May 28 j 18:10	0° B		transit end	-1824 Apr 06 j 14:19	0° Y 37'00	
asc. node	-1825 Jun 07 j 14:16	16° B 55'25		desc. node	-1824 Apr 07 j 10:11	0° Y 08'06	
morning set	-1825 Jun 11 j 02:11	23° B 59'59			-1824 Apr 07 j 15:47	30° R H	
	-1825 Jun 13 j 23:05	0° II		min. Earth dist.	-1824 Apr 07 j 21:20	29° H 51'58	0.55249 AU
				morning rise	-1824 Apr 15 j 14:49	26° H 23'44	
superior conj	-1825 Jun 18 j 11:01	9° II 26'29	1°32'43	direct	-1824 Apr 19 j 02:44	25° H 57'08	
minimum elong	-1825 Jun 18 j 08:36	9° II 13'55	1°32'30		-1824 Apr 29 j 13:53	0° Y	
max. Earth dist.	-1825 Jun 22 j 04:52	17° II 07'26	1.35012 AU	morning max el	-1824 May 02 j 11:42	2° Y 28'37	23°11'36
evening rise	-1825 Jun 26 j 17:05	25° II 59'34			-1824 May 21 j 03:33	0° B	
	-1825 Jun 28 j 20:01	0° E		asc. node	-1824 May 24 j 11:20	6° B 41'19	
	-1825 Jul 17 j 02:05	0° O		morning set	-1824 May 25 j 13:23	8° B 56'51	
desc. node	-1825 Jul 18 j 12:23	2° O 01'04					
evening max el	-1825 Jul 31 j 22:49	18° O 09'10	26°48'57	superior conj	-1824 Jun 01 j 16:27	24° B 09'51	1°16'44
retrograde	-1825 Aug 14 j 00:31	25° O 27'04		minimum elong	-1824 Jun 01 j 13:53	23° B 56'08	1°16'23
evening set	-1825 Aug 20 j 18:20	22° O 40'47		max. Earth dist.	-1824 Jun 04 j 03:20	29° B 22'04	1.33823 AU
min. Earth dist.	-1825 Aug 24 j 17:02	18° O 39'19	0.65665 AU		-1824 Jun 04 j 10:34	0° II	
inferior conj	-1825 Aug 26 j 12:03	16° O 32'31	-2°34'33	evening rise	-1824 Jun 09 j 07:44	9° II 58'43	
minimum elong	-1825 Aug 26 j 15:41	16° O 21'49	2°33'17		-1824 Jun 20 j 05:16	0° E	
morning rise	-1825 Sep 01 j 13:30	10° O 50'57		desc. node	-1824 Jul 04 j 09:24	21° E 11'28	
asc. node	-1825 Sep 03 j 13:28	10° O 08'38			-1824 Jul 11 j 22:55	0° O	
direct	-1825 Sep 04 j 11:14	10° O 04'03		evening max el	-1824 Jul 13 j 10:12	1° O 27'20	27°20'25
morning max el	-1825 Sep 11 j 02:24	13° O 42'46	18°26'32	retrograde	-1824 Jul 26 j 22:41	8° O 48'47	
	-1825 Sep 22 j 18:03	0° P		evening set	-1824 Aug 03 j 01:08	6° O 04'05	
morning set	-1825 Sep 30 j 17:03	12° P 52'57		min. Earth dist.	-1824 Aug 06 j 17:45	2° O 38'24	0.64329 AU
	-1825 Oct 11 j 08:37	0° A		inferior conj	-1824 Aug 09 j 02:08	0° O 06'45	-3°22'44
desc. node	-1825 Oct 14 j 11:50	4° A 57'58		minimum elong	-1824 Aug 09 j 06:25	29° E 55'13	3°21'32
					-1824 Aug 09 j 04:39	30° R E	
superior conj	-1825 Oct 15 j 23:09	7° A 17'23	-0°09'31	morning rise	-1824 Aug 15 j 12:28	24° E 40'46	
minimum elong	-1825 Oct 15 j 21:53	7° A 12'26	0°09'22	direct	-1824 Aug 18 j 04:50	24° E 03'46	
behind sun begin	-1825 Oct 15 j 12:34	6° A 35'38		asc. node	-1824 Aug 20 j 10:33	24° E 29'39	
behind sun end	-1825 Oct 16 j 07:13	7° A 49'12		morning max el	-1824 Aug 24 j 17:14	27° E 31'30	18°01'34
max. Earth dist.	-1825 Oct 17 j 14:06	9° A 50'51	1.44918 AU		-1824 Aug 26 j 22:05	0° O	
	-1825 Oct 30 j 09:58	0° M		morning set	-1824 Sep 11 j 05:14	24° O 14'47	
evening rise	-1825 Nov 01 j 07:30	2° M 59'10			-1824 Sep 14 j 14:47	0° P	
greatest brilliancy	-1825 Nov 11 j 09:04	18° M 46'48	-0.8m				
	-1825 Nov 18 j 22:00	0° J		superior conj	-1824 Sep 24 j 10:48	16° P 15'22	0°37'52
evening max el	-1825 Nov 24 j 09:06	6° J 44'57	19°16'11	minimum elong	-1824 Sep 24 j 14:56	16° P 32'05	0°37'21
asc. node	-1825 Nov 30 j 12:39	10° J 44'22		max. Earth dist.	-1824 Sep 29 j 07:45	24° P 04'16	1.44393 AU
retrograde	-1825 Dec 01 j 11:05	10° J 49'18		desc. node	-1824 Sep 30 j 08:49	25° P 43'43	
evening set	-1825 Dec 04 j 18:47	9° J 45'04			-1824 Oct 03 j 01:48	0° A	
inferior conj	-1825 Dec 10 j 09:50	3° J 53'13	2°57'07	evening rise	-1824 Oct 10 j 19:36	12° A 02'49	
minimum elong	-1825 Dec 10 j 06:52	4° J 02'41	2°56'16		-1824 Oct 22 j 14:18	0° M	
min. Earth dist.	-1825 Dec 11 j 17:53	2° J 10'54	0.65943 AU	greatest brilliancy	-1824 Oct 24 j 18:32	3° M 14'20	-0.6m
	-1825 Dec 13 j 13:01	30° R M		evening max el	-1824 Nov 06 j 13:46	20° M 12'12	20°11'55
morning rise	-1825 Dec 15 j 18:40	27° M 42'25		retrograde	-1824 Nov 14 j 08:26	24° M 46'17	
direct	-1825 Dec 22 j 03:02	24° M 55'17		asc. node	-1824 Nov 16 j 09:44	24° M 21'59	
	-1824 Jan 01 j 06:12	0° J		evening set	-1824 Nov 18 j 00:42	23° M 27'39	
morning max el	-1824 Jan 03 j 18:22	2° J 21'56	26°14'27	inferior conj	-1824 Nov 23 j 11:46	17° M 23'27	2°16'00
desc. node	-1824 Jan 10 j 11:07	9° J 56'12		minimum elong	-1824 Nov 23 j 09:06	17° M 32'23	2°15'04
	-1824 Jan 24 j 17:02	0° B		min. Earth dist.	-1824 Nov 24 j 06:55	16° M 19'16	0.66818 AU
morning set	-1824 Feb 08 j 22:18	26° B 00'53		morning rise	-1824 Nov 28 j 17:18	11° M 09'59	
	-1824 Feb 11 j 00:55	0° \approx		direct	-1824 Dec 04 j 11:30	8° M 37'47	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning max el	-1824 Dec 16 j 02:52	15° \mathbb{M} 33'31	24°57'12			-1823 Nov 29 j 15:04	0° \mathbb{M}	
desc. node	-1824 Dec 27 j 08:10	29° \mathbb{M} 02'49		desc. node		-1823 Dec 14 j 05:13	18° \mathbb{M} 43'02	
	-1824 Dec 28 j 01:02	0° \mathbb{X}				-1823 Dec 21 j 20:07	0° \mathbb{X}	
	-1823 Jan 16 j 14:52	0° \mathbb{Z}		morning set		-1822 Jan 02 j 15:22	18° \mathbb{X} 57'56	
morning set	-1823 Jan 21 j 07:01	8° \mathbb{Z} 07'06		max. Earth dist.		-1822 Jan 06 j 18:50	26° \mathbb{X} 05'36	1.39107 AU
max. Earth dist.	-1823 Jan 24 j 23:21	14° \mathbb{Z} 47'40	1.37053 AU			-1822 Jan 08 j 23:50	0° \mathbb{Z}	
superior conj	-1823 Jan 31 j 08:42	26° \mathbb{Z} 58'18	-1°40'39	superior conj		-1822 Jan 14 j 07:03	9° \mathbb{Z} 41'26	-1°54'35
minimum elong	-1823 Jan 31 j 12:08	27° \mathbb{Z} 15'11	1°40'20	minimum elong		-1822 Jan 14 j 09:19	9° \mathbb{Z} 52'04	1°54'31
	-1823 Feb 01 j 21:34	0° \approx		evening rise		-1822 Jan 23 j 12:13	27° \mathbb{Z} 21'54	
evening rise	-1823 Feb 08 j 17:17	13° \approx 40'46				-1822 Jan 24 j 20:57	0° \approx	
asc. node	-1823 Feb 12 j 09:02	20° \approx 53'12		asc. node		-1822 Jan 30 j 06:05	10° \approx 02'13	
	-1823 Feb 17 j 09:25	0° \mathbb{H}		evening max el		-1822 Feb 08 j 20:52	23° \approx 42'54	18°40'48
evening max el	-1823 Feb 25 j 20:31	11° \mathbb{H} 21'43	19°27'06	retrograde		-1822 Feb 16 j 18:47	27° \approx 33'35	
retrograde	-1823 Mar 07 j 02:52	15° \mathbb{H} 47'14		evening set		-1822 Feb 19 j 04:53	27° \approx 13'20	
evening set	-1823 Mar 09 j 08:51	15° \mathbb{H} 32'45		inferior conj		-1822 Feb 26 j 20:21	22° \approx 48'42	3°12'08
inferior conj	-1823 Mar 17 j 18:38	11° \mathbb{H} 26'22	2°00'38	minimum elong		-1822 Feb 27 j 00:30	22° \approx 40'49	3°11'17
minimum elong	-1823 Mar 17 j 22:58	11° \mathbb{H} 19'17	1°59'19	min. Earth dist.		-1822 Mar 02 j 04:51	20° \approx 17'22	0.57961 AU
min. Earth dist.	-1823 Mar 20 j 12:01	9° \mathbb{H} 40'33	0.56272 AU	morning rise		-1822 Mar 06 j 17:30	17° \approx 32'25	
desc. node	-1823 Mar 25 j 07:16	7° \mathbb{H} 05'41		direct		-1822 Mar 12 j 11:20	16° \approx 10'40	
morning rise	-1823 Mar 26 j 10:24	6° \mathbb{H} 40'03		desc. node		-1822 Mar 12 j 04:21	16° \approx 10'52	
direct	-1823 Mar 31 j 00:31	5° \mathbb{H} 52'14		morning max el		-1822 Mar 26 j 18:50	23° \approx 41'39	26°18'18
morning max el	-1823 Apr 14 j 02:40	13° \mathbb{H} 01'07	24°51'05			-1822 Apr 01 j 11:33	0° \mathbb{H}	
	-1823 Apr 27 j 06:24	0° \mathbb{Y}				-1822 Apr 20 j 03:22	0° \mathbb{Y}	
morning set	-1823 May 10 j 01:31	23° \mathbb{Y} 57'30		morning set		-1822 Apr 24 j 12:49	8° \mathbb{Y} 55'37	
asc. node	-1823 May 11 j 08:24	26° \mathbb{Y} 41'05		asc. node		-1822 Apr 28 j 05:26	16° \mathbb{Y} 49'18	
	-1823 May 12 j 21:28	0° \mathbb{B}						
superior conj	-1823 May 17 j 01:50	9° \mathbb{B} 05'06	0°56'59	superior conj		-1822 May 01 j 13:13	24° \mathbb{Y} 05'15	0°34'25
minimum elong	-1823 May 16 j 23:38	8° \mathbb{B} 53'06	0°56'36	minimum elong		-1822 May 01 j 11:45	23° \mathbb{Y} 57'14	0°34'07
max. Earth dist.	-1823 May 18 j 10:14	12° \mathbb{B} 00'42	1.33010 AU	max. Earth dist.		-1822 May 01 j 22:10	24° \mathbb{Y} 54'21	1.32556 AU
evening rise	-1823 May 24 j 07:33	24° \mathbb{B} 25'49		evening rise		-1822 May 04 j 06:11	0° \mathbb{B}	
	-1823 May 27 j 02:16	0° \mathbb{I}				-1822 May 19 j 11:14	0° \mathbb{I}	
	-1823 Jun 13 j 20:20	0° \mathbb{E}		evening max el		-1822 Jun 07 j 23:35	26° \mathbb{I} 33'17	26°51'09
desc. node	-1823 Jun 21 j 06:26	9° \mathbb{E} 32'29		desc. node		-1822 Jun 08 j 03:30	26° \mathbb{I} 42'35	
evening max el	-1823 Jun 25 j 19:24	14° \mathbb{E} 19'52	27°22'15			-1822 Jun 12 j 01:22	0° \mathbb{E}	
retrograde	-1823 Jul 09 j 14:29	21° \mathbb{E} 40'01		retrograde		-1822 Jun 21 j 23:00	3° \mathbb{E} 51'07	
evening set	-1823 Jul 16 j 18:39	19° \mathbb{E} 09'51		evening set		-1822 Jun 28 j 18:29	1° \mathbb{E} 48'59	
min. Earth dist.	-1823 Jul 20 j 08:33	16° \mathbb{E} 13'18	0.62638 AU			-1822 Jul 01 j 10:50	30° \mathbb{R} \mathbb{I}	
inferior conj	-1823 Jul 23 j 06:00	13° \mathbb{E} 26'32	-4°02'39	min. Earth dist.		-1822 Jul 02 j 13:05	29° \mathbb{I} 08'33	0.60674 AU
minimum elong	-1823 Jul 23 j 09:58	13° \mathbb{E} 16'57	4°01'53	inferior conj		-1822 Jul 05 j 20:07	26° \mathbb{I} 22'17	-4°28'22
morning rise	-1823 Jul 30 j 02:28	8° \mathbb{E} 19'29		minimum elong		-1822 Jul 05 j 22:15	26° \mathbb{I} 17'46	4°28'10
direct	-1823 Aug 01 j 15:50	7° \mathbb{E} 49'36		morning rise		-1822 Jul 13 j 03:49	21° \mathbb{I} 36'55	
asc. node	-1823 Aug 07 j 07:37	10° \mathbb{E} 17'42		direct		-1822 Jul 15 j 16:06	21° \mathbb{I} 12'15	
morning max el	-1823 Aug 08 j 08:23	11° \mathbb{E} 14'32	17°54'41	morning max el		-1822 Jul 22 j 20:56	24° \mathbb{I} 43'58	18°06'47
	-1823 Aug 20 j 21:36	0° \mathbb{O}		asc. node		-1822 Jul 25 j 04:41	27° \mathbb{I} 16'49	
morning set	-1823 Aug 24 j 16:07	6° \mathbb{O} 42'12				-1822 Jul 27 j 05:57	0° \mathbb{E}	
				morning set		-1822 Aug 07 j 19:46	19° \mathbb{E} 57'56	
superior conj	-1823 Sep 05 j 00:23	26° \mathbb{O} 31'07	1°14'17			-1822 Aug 13 j 05:25	0° \mathbb{O}	
minimum elong	-1823 Sep 05 j 05:41	26° \mathbb{O} 53'34	1°13'44					
	-1823 Sep 07 j 02:02	0° \mathbb{P}		superior conj		-1822 Aug 17 j 16:50	8° \mathbb{O} 06'45	1°36'54
max. Earth dist.	-1823 Sep 11 j 22:21	7° \mathbb{P} 58'59	1.43214 AU	minimum elong		-1822 Aug 17 j 20:25	8° \mathbb{O} 22'42	1°36'40
desc. node	-1823 Sep 17 j 05:50	16° \mathbb{P} 29'05		max. Earth dist.		-1822 Aug 25 j 07:24	21° \mathbb{O} 16'57	1.41530 AU
evening rise	-1823 Sep 20 j 01:33	20° \mathbb{P} 54'27		evening rise		-1822 Aug 30 j 19:52	0° \mathbb{P} 21'34	
	-1823 Sep 25 j 23:34	0° \mathbb{U}				-1822 Aug 30 j 14:31	0° \mathbb{P}	
	-1823 Oct 17 j 05:54	0° \mathbb{M}		desc. node		-1822 Sep 04 j 02:51	7° \mathbb{P} 10'07	
evening max el	-1823 Oct 20 j 12:37	3° \mathbb{M} 39'37	21°20'14			-1822 Sep 19 j 12:30	0° \mathbb{U}	
retrograde	-1823 Oct 29 j 05:22	8° \mathbb{M} 49'24		evening max el		-1822 Oct 03 j 05:38	17° \mathbb{U} 07'00	22°37'21
evening set	-1823 Nov 02 j 08:22	7° \mathbb{M} 14'07		retrograde		-1822 Oct 13 j 00:21	22° \mathbb{U} 55'37	
asc. node	-1823 Nov 03 j 06:48	6° \mathbb{M} 25'46		evening set		-1822 Oct 17 j 15:59	21° \mathbb{U} 02'02	
inferior conj	-1823 Nov 07 j 17:07	1° \mathbb{M} 00'49	1°28'57	asc. node		-1822 Oct 21 j 03:51	17° \mathbb{U} 12'38	
minimum elong	-1823 Nov 07 j 15:11	1° \mathbb{M} 07'26	1°28'11	inferior conj		-1822 Oct 22 j 23:54	14° \mathbb{U} 43'09	0°37'47
min. Earth dist.	-1823 Nov 08 j 00:46	0° \mathbb{M} 34'27	0.67348 AU	minimum elong		-1822 Oct 22 j 23:02	14° \mathbb{U} 46'09	0°37'24
	-1823 Nov 08 j 10:49	30° \mathbb{R} \mathbb{U}		min. Earth dist.		-1822 Oct 22 j 21:02	14° \mathbb{U} 53'05	0.67550 AU
morning rise	-1823 Nov 12 j 21:51	24° \mathbb{U} 46'50		morning rise		-1822 Oct 28 j 05:59	8° \mathbb{U} 31'02	
direct	-1823 Nov 18 j 00:42	22° \mathbb{U} 35'16		direct		-1822 Nov 01 j 17:55	6° \mathbb{U} 41'46	
morning max el	-1823 Nov 28 j 11:48	28° \mathbb{U} 49'14	23°30'52	morning max el		-1822 Nov 11 j 00:15	12° \mathbb{U} 10'41	22°04'47

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1822 Nov 25 j 01:23	0°♍		transit begin	-1821 Oct 07 j 06:06	28°♎29'46	
desc. node	-1822 Dec 01 j 02:15	8°♍47'13		transit end	-1821 Oct 07 j 07:29	28°♎25'04	
morning set	-1822 Dec 13 j 18:53	28°♍24'53		asc. node	-1821 Oct 08 j 00:53	27°♎26'18	
	-1822 Dec 14 j 18:28	0°♌		morning rise	-1821 Oct 12 j 15:44	22°♎21'06	
max. Earth dist.	-1822 Dec 19 j 17:15	8°♌08'42	1.41178 AU	direct	-1821 Oct 16 j 14:14	20°♎53'04	
				morning max el	-1821 Oct 24 j 19:02	25°♎40'21	20°46'12
superior conj	-1822 Dec 27 j 10:38	21°♌27'08	-1°58'42		-1821 Oct 28 j 14:49	0°♎	
minimum elong	-1822 Dec 27 j 09:59	21°♌24'12	1°58'44	desc. node	-1821 Nov 17 j 23:17	29°♎08'19	
	-1821 Jan 01 j 04:34	0°♎			-1821 Nov 18 j 12:47	0°♍	
evening rise	-1821 Jan 06 j 20:15	10°♎27'15		morning set	-1821 Nov 22 j 21:56	6°♍45'57	
asc. node	-1821 Jan 17 j 03:07	28°♎39'46		max. Earth dist.	-1821 Dec 01 j 22:26	21°♍04'52	1.42984 AU
	-1821 Jan 18 j 00:03	0°♍			-1821 Dec 07 j 08:41	0°♌	
evening max el	-1821 Jan 23 j 04:12	6°♍31'14	18°14'36				
retrograde	-1821 Jan 30 j 05:00	10°♍02'47		superior conj	-1821 Dec 08 j 13:55	2°♌02'18	-1°48'47
evening set	-1821 Feb 01 j 19:08	9°♍35'04		minimum elong	-1821 Dec 08 j 08:57	1°♌41'27	1°48'30
inferior conj	-1821 Feb 08 j 18:41	4°♍49'30	3°48'13	evening rise	-1821 Dec 20 j 13:26	22°♌48'03	
minimum elong	-1821 Feb 08 j 20:33	4°♍45'22	3°48'02		-1821 Dec 24 j 14:59	0°♎	
min. Earth dist.	-1821 Feb 12 j 02:47	1°♍54'08	0.59978 AU	asc. node	-1820 Jan 04 j 00:09	16°♎35'39	
	-1821 Feb 14 j 13:55	30°♎3		evening max el	-1820 Jan 06 j 15:34	19°♎37'59	18°08'05
morning rise	-1821 Feb 15 j 20:03	29°♎11'10		retrograde	-1820 Jan 13 j 05:47	23°♎04'22	
direct	-1821 Feb 22 j 10:27	27°♎10'45		evening set	-1820 Jan 15 j 23:44	22°♎28'04	
desc. node	-1821 Feb 27 j 01:24	28°♎06'06		inferior conj	-1820 Jan 22 j 10:39	17°♎21'32	3°56'05
	-1821 Mar 02 j 17:01	0°♍		minimum elong	-1820 Jan 22 j 10:08	17°♎22'49	3°56'02
morning max el	-1821 Mar 08 j 16:33	4°♍54'02	27°18'59	min. Earth dist.	-1820 Jan 25 j 08:29	14°♎26'27	0.62012 AU
	-1821 Mar 27 j 06:36	0°♌		morning rise	-1820 Jan 28 j 19:24	11°♎29'09	
morning set	-1821 Apr 08 j 21:37	23°♌44'58		direct	-1820 Feb 04 j 19:32	8°♎57'06	
	-1821 Apr 11 j 20:41	0°♍		desc. node	-1820 Feb 13 j 22:28	12°♎32'02	
asc. node	-1821 Apr 15 j 02:28	7°♍01'42		morning max el	-1820 Feb 18 j 20:10	16°♎45'45	27°44'37
max. Earth dist.	-1821 Apr 15 j 11:19	7°♍50'06	1.32450 AU		-1820 Feb 29 j 19:50	0°♍	
					-1820 Mar 18 j 21:24	0°♌	
superior conj	-1821 Apr 16 j 00:54	9°♍04'26	0°09'52	morning set	-1820 Mar 23 j 01:48	8°♌17'05	
minimum elong	-1821 Apr 16 j 00:27	9°♍02'00	0°09'46	max. Earth dist.	-1820 Mar 28 j 21:41	20°♌32'40	1.32706 AU
behind sun begin	-1821 Apr 15 j 20:29	8°♍40'16					
behind sun end	-1821 Apr 16 j 04:25	9°♍23'45		superior conj	-1820 Mar 30 j 11:10	23°♌55'34	-0°15'55
evening rise	-1821 Apr 22 j 23:14	24°♍04'47		minimum elong	-1820 Mar 30 j 11:54	23°♌59'34	0°15'45
	-1821 Apr 25 j 20:03	0°♌		behind sun begin	-1820 Mar 30 j 11:23	23°♌56'45	
	-1821 May 13 j 18:44	0°♍		behind sun end	-1820 Mar 30 j 12:26	24°♌02'24	
evening max el	-1821 May 20 j 21:04	8°♍02'22	25°48'56	asc. node	-1820 Mar 31 j 23:30	27°♌13'11	
desc. node	-1821 May 26 j 00:31	12°♍12'48			-1820 Apr 02 j 06:09	0°♍	
retrograde	-1821 Jun 03 j 22:46	15°♍16'13		evening rise	-1820 Apr 06 j 10:43	9°♍00'32	
evening set	-1821 Jun 09 j 20:45	13°♍52'00			-1820 Apr 17 j 09:16	0°♌	
min. Earth dist.	-1821 Jun 14 j 09:27	11°♍09'53	0.58624 AU	evening max el	-1820 May 01 j 13:15	18°♌54'41	24°23'51
inferior conj	-1821 Jun 17 j 16:55	8°♍44'52	-4°30'53	desc. node	-1820 May 11 j 21:33	25°♌26'31	
minimum elong	-1821 Jun 17 j 15:28	8°♍47'32	4°30'48	retrograde	-1820 May 15 j 11:22	25°♌55'52	
morning rise	-1821 Jun 25 j 12:46	4°♍21'45		evening set	-1820 May 20 j 01:14	25°♌08'50	
direct	-1821 Jun 28 j 01:10	4°♍01'07		min. Earth dist.	-1820 May 26 j 00:58	22°♌09'17	0.56782 AU
morning max el	-1821 Jul 06 j 03:57	7°♍51'29	18°38'48	inferior conj	-1820 May 28 j 17:46	20°♌26'09	-3°58'43
asc. node	-1821 Jul 12 j 01:44	15°♍12'12		minimum elong	-1820 May 28 j 12:19	20°♌34'53	3°57'44
	-1821 Jul 20 j 11:50	0°♌		morning rise	-1820 Jun 06 j 02:23	16°♌21'39	
morning set	-1821 Jul 22 j 11:31	3°♌49'49		direct	-1820 Jun 08 j 15:37	16°♌03'55	
				morning max el	-1820 Jun 18 j 02:31	20°♌27'14	19°31'33
superior conj	-1821 Jul 31 j 07:11	20°♌48'09	1°47'03		-1820 Jun 25 j 15:05	0°♍	
minimum elong	-1821 Jul 31 j 08:20	20°♌53'36	1°47'03	asc. node	-1820 Jun 27 j 22:47	3°♍50'46	
	-1821 Aug 05 j 07:19	0°♌		morning set	-1820 Jul 05 j 11:52	18°♍09'02	
max. Earth dist.	-1821 Aug 07 j 10:51	3°♌48'52	1.39578 AU		-1820 Jul 11 j 09:23	0°♌	
evening rise	-1821 Aug 11 j 14:05	10°♌56'34					
desc. node	-1821 Aug 21 j 23:52	27°♌42'46		superior conj	-1820 Jul 13 j 13:44	4°♌19'24	1°47'13
	-1821 Aug 23 j 11:50	0°♎		minimum elong	-1820 Jul 13 j 12:55	4°♌15'24	1°47'15
	-1821 Sep 15 j 04:02	0°♎		max. Earth dist.	-1820 Jul 19 j 13:19	15°♌46'24	1.37619 AU
evening max el	-1821 Sep 15 j 18:27	0°♎36'26	23°57'51	evening rise	-1820 Jul 23 j 09:20	22°♌44'38	
retrograde	-1821 Sep 26 j 16:04	7°♎01'36			-1820 Jul 27 j 13:30	0°♌	
evening set	-1821 Oct 01 j 21:50	4°♎49'24		desc. node	-1820 Aug 07 j 20:51	18°♌02'24	
	-1821 Oct 06 j 03:26	30°♎♎			-1820 Aug 16 j 06:53	0°♎	
min. Earth dist.	-1821 Oct 06 j 17:17	29°♎13'17	0.67441 AU	evening max el	-1820 Aug 28 j 05:43	14°♎09'59	25°14'40
inferior conj	-1821 Oct 07 j 06:25	28°♎28'42	-0°15'56	retrograde	-1820 Sep 09 j 03:34	21°♎03'28	
minimum elong	-1821 Oct 07 j 06:48	28°♎27'25	0°15'46	evening set	-1820 Sep 15 j 00:10	18°♎34'14	
transit middle	-1821 Oct 07 j 06:48	28°♎27'25	0°15'46	min. Earth dist.	-1820 Sep 19 j 11:06	13°♎33'28	0.67020 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

inferior conj	-1820 Sep 20 j 10:56	12° \mathbb{M} 15'38	-1°10'38	evening set	-1819 Aug 29 j 20:55	2° \mathbb{M} 13'25	
minimum elong	-1820 Sep 20 j 12:40	12° \mathbb{M} 10'00	1°09'55		-1819 Sep 01 j 03:23	30° \mathbb{R} \mathcal{O}	
asc. node	-1820 Sep 23 j 21:57	8° \mathbb{M} 05'21		min. Earth dist.	-1819 Sep 02 j 23:58	27° \mathcal{O} 50'08	0.66267 AU
morning rise	-1820 Sep 26 j 01:14	6° \mathbb{M} 15'33		inferior conj	-1819 Sep 04 j 11:34	26° \mathcal{O} 00'37	-2°04'38
direct	-1820 Sep 29 j 12:22	5° \mathbb{M} 06'03		minimum elong	-1819 Sep 04 j 14:35	25° \mathcal{O} 51'21	2°03'28
morning max el	-1820 Oct 06 j 21:15	9° \mathbb{M} 19'23	19°39'56	morning rise	-1819 Sep 10 j 08:31	20° \mathcal{O} 11'18	
	-1820 Oct 22 j 01:39	0° \mathcal{A}		asc. node	-1819 Sep 10 j 19:01	19° \mathcal{O} 57'02	
morning set	-1820 Oct 31 j 20:19	15° \mathcal{A} 01'45		direct	-1819 Sep 13 j 10:33	19° \mathcal{O} 17'01	
desc. node	-1820 Nov 03 j 20:17	19° \mathcal{A} 41'18		morning max el	-1819 Sep 20 j 06:07	23° \mathcal{O} 05'30	18°48'38
	-1820 Nov 10 j 10:20	0° \mathbb{M}			-1819 Sep 25 j 20:14	0° \mathbb{M}	
max. Earth dist.	-1820 Nov 13 j 10:57	4° \mathbb{M} 47'10	1.44278 AU	morning set	-1819 Oct 11 j 13:03	24° \mathcal{O} 16'28	
					-1819 Oct 15 j 03:44	0° \mathcal{A}	
superior conj	-1820 Nov 17 j 14:04	11° \mathbb{M} 22'58	-1°21'26	desc. node	-1819 Oct 21 j 17:16	10° \mathcal{A} 21'40	
minimum elong	-1820 Nov 17 j 06:20	10° \mathbb{M} 51'53	1°20'41	max. Earth dist.	-1819 Oct 27 j 04:24	18° \mathcal{A} 57'44	1.44902 AU
	-1820 Nov 28 j 22:18	0° \mathcal{A}					
evening rise	-1820 Dec 01 j 11:20	4° \mathcal{A} 16'22		superior conj	-1819 Oct 27 j 17:24	19° \mathcal{A} 48'55	-0°38'08
	-1820 Dec 17 j 14:52	0° \mathcal{B}		minimum elong	-1819 Oct 27 j 12:28	19° \mathcal{A} 29'30	0°37'31
evening max el	-1820 Dec 20 j 04:11	2° \mathcal{B} 56'46	18°20'33		-1819 Nov 03 j 04:13	0° \mathbb{M}	
asc. node	-1820 Dec 20 j 21:11	3° \mathcal{B} 38'09		evening rise	-1819 Nov 12 j 09:54	14° \mathbb{M} 44'40	
retrograde	-1820 Dec 26 j 16:51	6° \mathcal{B} 29'53			-1819 Nov 21 j 22:03	0° \mathcal{A}	
evening set	-1820 Dec 29 j 15:09	5° \mathcal{B} 43'51		evening max el	-1819 Dec 03 j 15:22	16° \mathcal{A} 21'15	18°51'03
inferior conj	-1819 Jan 04 j 16:26	0° \mathcal{B} 17'41	3°43'42	asc. node	-1819 Dec 07 j 18:14	19° \mathcal{A} 32'21	
minimum elong	-1819 Jan 04 j 14:18	0° \mathcal{B} 23'41	3°43'23	retrograde	-1819 Dec 10 j 10:23	20° \mathcal{A} 11'29	
	-1819 Jan 04 j 22:42	30° \mathbb{R} \mathcal{A}		evening set	-1819 Dec 13 j 14:13	19° \mathcal{A} 14'17	
min. Earth dist.	-1819 Jan 06 j 23:38	27° \mathcal{A} 42'45	0.63823 AU	inferior conj	-1819 Dec 19 j 08:22	13° \mathcal{A} 30'46	3°17'08
morning rise	-1819 Jan 10 j 12:53	24° \mathcal{A} 16'07		minimum elong	-1819 Dec 19 j 05:30	13° \mathcal{A} 39'36	3°16'26
direct	-1819 Jan 17 j 12:26	21° \mathcal{A} 26'55		min. Earth dist.	-1819 Dec 21 j 00:26	11° \mathcal{A} 27'53	0.65281 AU
desc. node	-1819 Jan 30 j 19:32	28° \mathcal{A} 53'06		morning rise	-1819 Dec 24 j 20:28	7° \mathcal{A} 22'49	
morning max el	-1819 Jan 31 j 04:03	29° \mathcal{A} 14'04	27°33'46	direct	-1819 Dec 31 j 11:47	4° \mathcal{A} 31'35	
	-1819 Jan 31 j 22:14	0° \mathcal{B}		morning max el	-1818 Jan 13 j 13:40	12° \mathcal{A} 08'33	26°50'49
	-1819 Feb 22 j 16:35	0° \approx		desc. node	-1818 Jan 17 j 16:35	16° \mathcal{A} 36'21	
morning set	-1819 Mar 06 j 22:52	22° \approx 23'48			-1818 Jan 27 j 22:21	0° \mathcal{B}	
	-1819 Mar 10 j 16:52	0° \mathcal{H}			-1818 Feb 15 j 05:56	0° \approx	
max. Earth dist.	-1819 Mar 12 j 01:31	2° \mathcal{H} 50'01	1.33363 AU	morning set	-1818 Feb 18 j 09:34	5° \approx 55'00	
				max. Earth dist.	-1818 Feb 22 j 19:24	14° \approx 34'18	1.34452 AU
superior conj	-1819 Mar 14 j 18:18	8° \mathcal{H} 32'51	-0°41'56				
minimum elong	-1819 Mar 14 j 20:14	8° \mathcal{H} 43'12	0°41'32	superior conj	-1818 Feb 26 j 20:12	22° \approx 49'49	-1°07'00
asc. node	-1819 Mar 18 j 20:32	17° \mathcal{H} 19'50		minimum elong	-1818 Feb 26 j 23:10	23° \approx 05'14	1°06'31
evening rise	-1819 Mar 21 j 22:13	23° \mathcal{H} 51'42			-1818 Mar 02 j 06:16	0° \mathcal{H}	
	-1819 Mar 24 j 21:40	0° \mathcal{Y}		asc. node	-1818 Mar 05 j 17:35	7° \mathcal{H} 17'35	
evening max el	-1819 Apr 13 j 05:09	29° \mathcal{Y} 32'50	22°49'11	evening rise	-1818 Mar 06 j 07:57	8° \mathcal{H} 32'18	
	-1819 Apr 13 j 16:39	0° \mathcal{B}			-1818 Mar 17 j 21:01	0° \mathcal{Y}	
retrograde	-1819 Apr 26 j 10:49	6° \mathcal{B} 04'26		evening max el	-1818 Mar 26 j 03:11	10° \mathcal{Y} 25'07	21°18'55
desc. node	-1819 Apr 28 j 18:36	5° \mathcal{B} 52'30		retrograde	-1818 Apr 07 j 01:03	16° \mathcal{Y} 10'27	
evening set	-1819 Apr 29 j 16:30	5° \mathcal{B} 41'31		evening set	-1818 Apr 09 j 10:52	15° \mathcal{Y} 57'08	
min. Earth dist.	-1819 May 07 j 14:26	2° \mathcal{B} 13'10	0.55503 AU	desc. node	-1818 Apr 15 j 15:40	13° \mathcal{Y} 40'04	
inferior conj	-1819 May 08 j 23:45	1° \mathcal{B} 25'15	-2°43'31	inferior conj	-1818 Apr 18 j 19:00	11° \mathcal{Y} 57'18	-0°53'09
minimum elong	-1819 May 08 j 17:18	1° \mathcal{B} 34'33	2°41'37	minimum elong	-1818 Apr 18 j 16:30	12° \mathcal{Y} 00'50	0°52'15
	-1819 May 11 j 12:25	30° \mathbb{R} \mathcal{Y}		min. Earth dist.	-1818 Apr 19 j 03:45	11° \mathcal{Y} 45'00	0.55065 AU
morning rise	-1819 May 17 j 20:19	27° \mathcal{Y} 29'52		morning rise	-1818 Apr 27 j 22:20	7° \mathcal{Y} 54'36	
direct	-1819 May 20 j 12:27	27° \mathcal{Y} 13'03		direct	-1818 Apr 30 j 23:47	7° \mathcal{Y} 34'13	
	-1819 May 28 j 15:51	0° \mathcal{B}		morning max el	-1818 May 13 j 15:39	13° \mathcal{Y} 36'23	22°14'56
morning max el	-1819 May 31 j 14:26	2° \mathcal{B} 22'34	20°44'38		-1818 May 25 j 22:58	0° \mathcal{B}	
asc. node	-1819 Jun 14 j 19:50	23° \mathcal{B} 01'55		asc. node	-1818 Jun 01 j 16:54	12° \mathcal{B} 37'28	
	-1819 Jun 18 j 09:03	0° \mathbb{I}		morning set	-1818 Jun 04 j 04:05	17° \mathcal{B} 40'45	
morning set	-1819 Jun 19 j 18:06	2° \mathbb{I} 48'01			-1818 Jun 09 j 23:56	0° \mathbb{I}	
superior conj	-1819 Jun 27 j 07:51	18° \mathbb{I} 26'47	1°39'45	superior conj	-1818 Jun 11 j 10:01	3° \mathbb{I} 00'07	1°26'28
minimum elong	-1819 Jun 27 j 05:48	18° \mathbb{I} 16'21	1°39'38	minimum elong	-1818 Jun 11 j 07:28	2° \mathbb{I} 46'41	1°26'11
max. Earth dist.	-1819 Jul 01 j 21:15	27° \mathbb{I} 35'11	1.35871 AU	max. Earth dist.	-1818 Jun 14 j 14:23	9° \mathbb{I} 37'55	1.34459 AU
	-1819 Jul 03 j 02:59	0° \mathcal{G}		evening rise	-1818 Jun 19 j 09:06	19° \mathbb{I} 12'29	
evening rise	-1819 Jul 06 j 01:22	5° \mathcal{G} 34'30			-1818 Jun 25 j 03:25	0° \mathcal{G}	
	-1819 Jul 20 j 08:48	0° \mathcal{O}		desc. node	-1818 Jul 12 j 14:53	27° \mathcal{G} 34'42	
desc. node	-1819 Jul 25 j 17:51	8° \mathcal{O} 02'29			-1818 Jul 14 j 10:34	0° \mathcal{O}	
evening max el	-1819 Aug 10 j 17:09	27° \mathcal{O} 44'20	26°19'52	evening max el	-1818 Jul 24 j 04:51	11° \mathcal{O} 11'41	27°05'34
	-1819 Aug 13 j 04:38	0° \mathbb{M}		retrograde	-1818 Aug 06 j 11:22	18° \mathcal{O} 31'18	
retrograde	-1819 Aug 23 j 10:06	4° \mathbb{M} 55'27		evening set	-1818 Aug 13 j 09:43	15° \mathcal{O} 44'10	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

min. Earth dist.	-1818 Aug 17 j 05:35	11°Ω58'37	0.65150 AU		-1817 Jul 14 j 03:50	0°Ω	
inferior conj	-1818 Aug 19 j 06:15	9°Ω40'27	-2°55'44	retrograde	-1817 Jul 20 j 07:01	1°Ω41'17	
minimum elong	-1818 Aug 19 j 10:14	9°Ω29'07	2°54'25		-1817 Jul 25 j 23:57	30°℞	
morning rise	-1818 Aug 25 j 11:19	4°Ω05'15		evening set	-1817 Jul 27 j 11:21	29°Ω00'40	
direct	-1818 Aug 28 j 06:35	3°Ω22'50		min. Earth dist.	-1817 Jul 31 j 02:02	25°Ω48'53	0.63652 AU
asc. node	-1818 Aug 28 j 16:05	3°Ω23'41		inferior conj	-1817 Aug 02 j 16:20	23°Ω08'57	-3°40'59
morning max el	-1818 Sep 03 j 19:35	6°Ω55'27	18°13'48	minimum elong	-1817 Aug 02 j 20:38	22°Ω57'53	3°39'55
	-1818 Sep 19 j 10:46	0°℞		morning rise	-1817 Aug 09 j 06:52	17°Ω50'59	
morning set	-1818 Sep 22 j 09:48	4°℞54'04		direct	-1817 Aug 11 j 21:39	17°Ω17'23	
				asc. node	-1817 Aug 15 j 13:09	18°Ω23'07	
superior conj	-1818 Oct 06 j 19:44	28°℞17'48	0°11'29	morning max el	-1817 Aug 18 j 10:58	20°Ω42'48	17°56'26
minimum elong	-1818 Oct 06 j 21:10	28°℞23'33	0°11'18		-1817 Aug 25 j 10:43	0°Ω	
behind sun begin	-1818 Oct 06 j 13:12	27°℞51'51		morning set	-1817 Sep 04 j 08:22	16°Ω45'36	
behind sun end	-1818 Oct 07 j 05:09	28°℞55'13			-1817 Sep 12 j 01:36	0°℞	
	-1818 Oct 07 j 21:28	0°Ω					
desc. node	-1818 Oct 08 j 14:16	1°Ω06'32		superior conj	-1817 Sep 16 j 17:39	7°℞47'07	0°54'58
max. Earth dist.	-1818 Oct 09 j 23:10	3°Ω16'32	1.44788 AU	minimum elong	-1817 Sep 16 j 22:48	8°℞08'16	0°54'20
evening rise	-1818 Oct 23 j 08:51	24°Ω14'47		max. Earth dist.	-1817 Sep 22 j 15:40	17°℞23'31	1.43961 AU
	-1818 Oct 27 j 01:41	0°℞		desc. node	-1817 Sep 25 j 11:19	21°℞52'40	
greatest brilliancy	-1818 Nov 04 j 11:50	12°℞57'21	-0.7m		-1817 Sep 30 j 15:40	0°Ω	
evening max el	-1818 Nov 16 j 22:52	29°℞47'52	19°38'05	evening rise	-1817 Oct 02 j 16:04	3°Ω07'25	
	-1818 Nov 17 j 03:36	0°℞			-1817 Oct 20 j 15:11	0°℞	
retrograde	-1818 Nov 24 j 07:10	4°℞04'07		evening max el	-1817 Oct 31 j 01:03	13°℞15'02	20°39'35
asc. node	-1818 Nov 24 j 15:18	4°℞03'27		retrograde	-1817 Nov 08 j 04:43	18°℞04'15	
evening set	-1818 Nov 27 j 18:18	2°℞53'53		asc. node	-1817 Nov 11 j 12:20	17°℞01'08	
	-1818 Nov 30 j 20:40	30°℞℞		evening set	-1817 Nov 12 j 01:12	16°℞38'53	
inferior conj	-1818 Dec 03 j 07:25	26°℞56'04	2°40'30	inferior conj	-1817 Nov 17 j 11:05	10°℞30'11	1°56'40
minimum elong	-1818 Dec 03 j 04:31	27°℞05'33	2°39'35	minimum elong	-1817 Nov 17 j 08:41	10°℞38'20	1°55'46
min. Earth dist.	-1818 Dec 04 j 09:41	25°℞30'11	0.66360 AU	min. Earth dist.	-1817 Nov 18 j 01:11	9°℞42'11	0.67079 AU
morning rise	-1818 Dec 08 j 14:31	20°℞43'51		morning rise	-1817 Nov 22 j 15:58	4°℞15'57	
direct	-1818 Dec 14 j 16:58	18°℞02'27		direct	-1817 Nov 28 j 03:34	1°℞52'08	
morning max el	-1818 Dec 26 j 22:58	25°℞17'25	25°43'21	morning max el	-1817 Dec 09 j 07:34	8°℞31'52	24°21'00
	-1818 Dec 31 j 06:32	0°℞		desc. node	-1817 Dec 22 j 10:39	24°℞40'11	
desc. node	-1817 Jan 04 j 13:37	5°℞17'41			-1817 Dec 26 j 04:52	0°℞	
	-1817 Jan 21 j 10:20	0°Ω		morning set	-1816 Jan 14 j 04:39	0°Ω13'53	
morning set	-1817 Feb 01 j 05:25	18°Ω37'02			-1816 Jan 14 j 01:27	0°Ω	
max. Earth dist.	-1817 Feb 05 j 01:36	25°Ω47'54	1.35987 AU	max. Earth dist.	-1816 Jan 17 j 22:36	6°Ω52'30	1.37900 AU
	-1817 Feb 07 j 05:51	0°Ω					
				superior conj	-1816 Jan 24 j 21:03	19°Ω48'35	-1°47'31
superior conj	-1817 Feb 10 j 14:15	6°Ω38'07	-1°29'36	minimum elong	-1816 Jan 25 j 00:11	20°Ω03'39	1°47'19
minimum elong	-1817 Feb 10 j 17:46	6°Ω55'46	1°29'11		-1816 Jan 30 j 02:07	0°Ω	
evening rise	-1817 Feb 18 j 13:51	22°Ω55'14		evening rise	-1816 Feb 02 j 13:37	6°Ω53'53	
asc. node	-1817 Feb 20 j 14:38	27°Ω01'08		asc. node	-1816 Feb 07 j 11:41	16°Ω24'54	
	-1817 Feb 22 j 02:53	0°℞			-1816 Feb 15 j 20:36	0°℞	
evening max el	-1817 Mar 08 j 11:33	21°℞50'04	20°02'39	evening max el	-1816 Feb 19 j 06:42	3°℞52'40	19°04'59
retrograde	-1817 Mar 18 j 17:02	26°℞43'10		retrograde	-1816 Feb 27 j 22:10	8°℞01'30	
evening set	-1817 Mar 20 j 21:34	26°℞30'43		evening set	-1816 Mar 01 j 05:36	7°℞45'01	
inferior conj	-1817 Mar 29 j 17:27	22°℞30'41	1°03'22	inferior conj	-1816 Mar 09 j 07:31	3°℞31'50	2°35'29
minimum elong	-1817 Mar 29 j 20:09	22°℞26'35	1°02'26	minimum elong	-1816 Mar 09 j 12:11	3°℞23'43	2°34'15
min. Earth dist.	-1817 Mar 31 j 17:53	21°℞17'30	0.55577 AU	min. Earth dist.	-1816 Mar 12 j 09:36	1°℞24'13	0.56923 AU
desc. node	-1817 Apr 02 j 12:45	20°℞15'51			-1816 Mar 14 j 15:33	30°℞℞	
morning rise	-1817 Apr 07 j 16:43	18°℞02'30		morning rise	-1816 Mar 17 j 15:52	28°Ω31'38	
direct	-1817 Apr 11 j 14:35	17°℞28'54		desc. node	-1816 Mar 19 j 09:48	27°Ω57'10	
morning max el	-1817 Apr 25 j 09:02	24°℞18'16	23°54'34	direct	-1816 Mar 22 j 18:05	27°Ω30'31	
	-1817 Apr 30 j 13:34	0°℞			-1816 Mar 30 j 19:49	0°℞	
	-1817 May 18 j 09:10	0°Ω		morning max el	-1816 Apr 05 j 23:58	4°℞51'25	25°30'33
morning set	-1817 May 19 j 15:53	2°Ω39'59			-1816 Apr 24 j 02:40	0°℞	
asc. node	-1817 May 19 j 13:58	2°Ω29'52		morning set	-1816 May 03 j 03:51	17°℞40'03	
				asc. node	-1816 May 05 j 11:01	22°℞33'46	
					-1816 May 08 j 21:11	0°Ω	
superior conj	-1817 May 26 j 17:24	17°Ω49'26	1°08'47				
minimum elong	-1817 May 26 j 14:56	17°Ω36'08	1°08'23	superior conj	-1816 May 10 j 03:52	2°Ω47'34	0°47'43
max. Earth dist.	-1817 May 28 j 16:42	22°Ω02'51	1.33426 AU	minimum elong	-1816 May 10 j 01:56	2°Ω37'02	0°47'21
	-1817 Jun 01 j 11:49	0°Ω		max. Earth dist.	-1816 May 11 j 01:56	4°Ω47'54	1.32770 AU
evening rise	-1817 Jun 03 j 04:03	3°Ω24'28		evening rise	-1816 May 17 j 06:46	17°Ω59'54	
	-1817 Jun 17 j 22:06	0°Ω			-1816 May 23 j 08:53	0°Ω	
desc. node	-1817 Jun 29 j 11:57	16°Ω26'12			-1816 Jun 11 j 14:36	0°Ω	
evening max el	-1817 Jul 06 j 15:23	24°Ω19'30	27°24'59				

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

desc. node	-1816 Jun 15 j 08:59	4°☿19'53		desc. node	-1815 Jun 02 j 06:01	20°♊51'46	
evening max el	-1816 Jun 17 j 22:36	6°☿55'55	27°13'04	retrograde	-1815 Jun 14 j 01:12	26°♊07'41	
retrograde	-1816 Jul 01 j 20:09	14°☿15'57		evening set	-1815 Jun 20 j 12:57	24°♊21'22	
evening set	-1816 Jul 08 j 21:54	11°☿56'04		min. Earth dist.	-1815 Jun 24 j 13:29	21°♊42'08	0.59793 AU
min. Earth dist.	-1816 Jul 12 j 12:30	9°☿08'11	0.61822 AU	inferior conj	-1815 Jun 27 j 21:58	19°♊02'29	-4°32'58
inferior conj	-1816 Jul 15 j 14:44	6°☿19'10	-4°15'47	minimum elong	-1815 Jun 27 j 22:46	19°♊00'54	4°32'56
minimum elong	-1816 Jul 15 j 18:09	6°☿11'21	4°15'16	morning rise	-1815 Jul 05 j 10:41	14°♊26'20	
morning rise	-1816 Jul 22 j 15:53	1°☿21'08		direct	-1815 Jul 07 j 22:53	14°♊03'29	
direct	-1816 Jul 25 j 04:25	0°☿53'50		morning max el	-1815 Jul 15 j 11:52	17°♊41'54	18°17'51
morning max el	-1816 Aug 01 j 01:21	4°☿20'44	17°57'25	asc. node	-1815 Jul 19 j 07:17	22°♊07'48	
asc. node	-1816 Aug 01 j 10:13	4°☿42'52			-1815 Jul 24 j 08:42	0°☿	
morning set	-1816 Aug 17 j 02:58	29°☿34'43		morning set	-1815 Jul 31 j 12:18	13°☿07'38	
	-1816 Aug 17 j 08:32	0°♌					
superior conj	-1816 Aug 27 j 19:00	18°♌37'31	1°25'33	superior conj	-1815 Aug 09 j 21:28	0°♌43'05	1°42'35
minimum elong	-1816 Aug 27 j 23:47	18°♌58'11	1°25'06	minimum elong	-1815 Aug 10 j 00:00	0°♌54'41	1°42'29
	-1816 Sep 03 j 12:27	0°♍			-1815 Aug 09 j 12:02	0°♌	
max. Earth dist.	-1816 Sep 04 j 03:25	1°♍01'39	1.42541 AU	max. Earth dist.	-1815 Aug 17 j 10:00	14°♌01'01	1.40718 AU
evening rise	-1816 Sep 11 j 01:05	12°♍08'02		evening rise	-1815 Aug 22 j 04:55	22°♌02'36	
desc. node	-1816 Sep 11 j 08:20	12°♍36'34			-1815 Aug 27 j 03:32	0°♍	
	-1816 Sep 22 j 18:02	0°♎		desc. node	-1815 Aug 29 j 05:21	3°♍14'57	
evening max el	-1816 Oct 12 j 21:18	26°♎42'17	21°52'20		-1815 Sep 16 j 19:57	0°♎	
	-1816 Oct 16 j 14:53	0°♏		evening max el	-1815 Sep 25 j 12:28	10°♎11'19	23°11'38
retrograde	-1816 Oct 22 j 00:59	2°♏08'48		retrograde	-1815 Oct 05 j 18:35	16°♎15'30	
evening set	-1816 Oct 26 j 09:02	0°♏26'07		evening set	-1815 Oct 10 j 16:06	14°♎14'07	
	-1816 Oct 26 j 21:23	30°♏		asc. node	-1815 Oct 15 j 06:25	8°♎55'03	
asc. node	-1816 Oct 28 j 09:23	28°♎28'39		min. Earth dist.	-1815 Oct 15 j 16:58	8°♎18'55	0.67546 AU
inferior conj	-1816 Oct 31 j 17:15	24°♎10'05	1°07'42	inferior conj	-1815 Oct 16 j 00:08	7°♎54'16	0°15'16
minimum elong	-1816 Oct 31 j 15:45	24°♎15'19	1°07'03	minimum elong	-1815 Oct 15 j 23:47	7°♎55'30	0°15'06
min. Earth dist.	-1816 Oct 31 j 20:26	23°♎59'05	0.67469 AU	transit middle	-1815 Oct 15 j 23:47	7°♎55'30	0°15'06
morning rise	-1816 Nov 05 j 22:17	17°♎56'23		transit begin	-1815 Oct 15 j 22:45	7°♎59'03	
direct	-1816 Nov 10 j 18:43	15°♎54'02		transit end	-1815 Oct 16 j 00:49	7°♎51'58	
morning max el	-1816 Nov 20 j 17:24	21°♎49'11	22°53'41	morning rise	-1815 Oct 21 j 07:22	1°♎43'47	
	-1816 Nov 27 j 18:27	0°♏		direct	-1815 Oct 25 j 13:30	0°♎03'34	
desc. node	-1816 Dec 08 j 07:40	14°♏31'37		morning max el	-1815 Nov 03 j 08:08	5°♎13'31	21°30'05
	-1816 Dec 18 j 12:49	0°♐			-1815 Nov 22 j 00:37	0°♏	
morning set	-1816 Dec 25 j 00:58	10°♐29'12		desc. node	-1815 Nov 25 j 04:42	4°♏44'00	
max. Earth dist.	-1816 Dec 29 j 17:57	18°♐24'45	1.40003 AU	morning set	-1815 Dec 04 j 16:35	19°♏23'04	
	-1815 Jan 05 j 07:42	0°♑			-1815 Dec 11 j 06:41	0°♐	
superior conj	-1815 Jan 06 j 12:06	2°♑09'05	-1°57'47	max. Earth dist.	-1815 Dec 11 j 19:16	0°♐51'48	1.42004 AU
minimum elong	-1815 Jan 06 j 13:21	2°♑14'50	1°57'47				
evening rise	-1815 Jan 16 j 04:18	20°♑20'25		superior conj	-1815 Dec 19 j 06:01	13°♐26'39	-1°56'28
	-1815 Jan 21 j 07:48	0°♒		minimum elong	-1815 Dec 19 j 03:36	13°♐16'12	1°56'25
asc. node	-1815 Jan 24 j 08:42	5°♒21'28			-1815 Dec 28 j 13:16	0°♑	
evening max el	-1815 Feb 01 j 10:26	16°♒26'43	18°27'14	evening rise	-1815 Dec 30 j 06:30	3°♑07'50	
retrograde	-1815 Feb 08 j 21:49	20°♒06'56		asc. node	-1814 Jan 11 j 05:43	23°♑42'31	
evening set	-1815 Feb 11 j 09:47	19°♒43'36		evening max el	-1814 Jan 15 j 19:52	29°♑23'58	18°09'23
inferior conj	-1815 Feb 18 j 18:08	15°♒10'29	3°31'23		-1814 Jan 16 j 11:05	0°♒	
minimum elong	-1815 Feb 18 j 21:26	15°♒03'48	3°30'52	retrograde	-1814 Jan 22 j 14:45	2°♒51'27	
min. Earth dist.	-1815 Feb 22 j 04:16	12°♒25'47	0.58805 AU	evening set	-1814 Jan 25 j 06:37	2°♒20'01	
morning rise	-1815 Feb 26 j 06:42	9°♒43'55			-1814 Jan 29 j 02:15	30°♒	
direct	-1815 Mar 04 j 10:47	8°♒05'14		inferior conj	-1814 Feb 01 j 00:22	27°♒25'12	3°54'29
desc. node	-1815 Mar 06 j 06:51	8°♒13'51		minimum elong	-1814 Feb 01 j 01:10	27°♒23'19	3°54'25
morning max el	-1815 Mar 18 j 17:55	15°♒42'23	26°47'55	min. Earth dist.	-1814 Feb 04 j 04:53	24°♒27'25	0.60868 AU
	-1815 Mar 30 j 08:43	0°♓		morning rise	-1814 Feb 07 j 18:14	21°♒40'22	
	-1815 Apr 16 j 08:24	0°♓		direct	-1814 Feb 14 j 14:14	19°♒25'16	
morning set	-1815 Apr 17 j 14:17	2°♓34'51		desc. node	-1814 Feb 21 j 03:53	21°♒17'08	
asc. node	-1815 Apr 22 j 08:05	12°♓44'14		morning max el	-1814 Feb 28 j 18:05	27°♒10'32	27°34'25
					-1814 Mar 03 j 11:00	0°♓	
superior conj	-1815 Apr 24 j 15:34	17°♓47'58	0°24'12	morning set	-1814 Mar 23 j 22:20	0°♓	
minimum elong	-1815 Apr 24 j 14:30	17°♓42'10	0°23'59		-1814 Apr 01 j 21:22	17°♓17'34	
max. Earth dist.	-1815 Apr 24 j 14:44	17°♓43'25	1.32468 AU	max. Earth dist.	-1814 Apr 07 j 20:44	0°♓	
	-1815 Apr 30 j 06:26	0°♈			-1814 Apr 08 j 03:19	0°♓35'53	1.32517 AU
evening rise	-1815 May 01 j 14:35	2°♈49'40		superior conj	-1814 Apr 09 j 02:50	2°♓44'15	-0°01'00
	-1815 May 16 j 07:29	0°♈		minimum elong	-1814 Apr 09 j 02:53	2°♓44'29	0°00'59
evening max el	-1815 May 31 j 00:15	18°♈51'30	26°28'18	behind sun begin	-1814 Apr 08 j 21:50	2°♓16'57	
				behind sun end	-1814 Apr 09 j 07:55	3°♓12'01	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

asc. node	-1814 Apr 09 j 05:06	2° Υ 56'38		minimum elong	-1813 Mar 24 j 13:17	17° Υ 37'39	0°26'42
evening rise	-1814 Apr 16 j 01:18	17° Υ 45'34		asc. node	-1813 Mar 27 j 02:07	23° Υ 07'01	
	-1814 Apr 22 j 03:06	0° \mathcal{B}			-1813 Mar 30 j 06:46	0° Υ	
	-1814 May 12 j 17:48	0° Π		evening rise	-1813 Mar 31 j 13:05	2° Υ 40'58	
evening max el	-1814 May 12 j 19:15	0° Π 03'29	25°14'52		-1813 Apr 15 j 13:40	0° \mathcal{B}	
desc. node	-1814 May 20 j 03:02	5° Π 28'50		evening max el	-1813 Apr 24 j 10:21	10° \mathcal{B} 46'12	23°43'48
retrograde	-1814 May 26 j 20:06	7° Π 12'43		desc. node	-1813 May 07 j 00:03	17° \mathcal{B} 34'46	
evening set	-1814 Jun 01 j 05:30	6° Π 05'13		retrograde	-1813 May 08 j 03:12	17° \mathcal{B} 37'41	
min. Earth dist.	-1814 Jun 06 j 07:09	3° Π 17'33	0.57796 AU	evening set	-1813 May 12 j 02:49	17° \mathcal{B} 02'36	
inferior conj	-1814 Jun 09 j 10:28	1° Π 08'21	-4°22'12	min. Earth dist.	-1813 May 18 j 21:15	13° \mathcal{B} 52'19	0.56152 AU
minimum elong	-1814 Jun 09 j 07:13	1° Π 14'00	4°21'51	inferior conj	-1813 May 21 j 02:50	12° \mathcal{B} 31'16	-3°32'11
	-1814 Jun 11 j 02:49	30° $\mathcal{R}\mathcal{B}$		minimum elong	-1813 May 20 j 20:22	12° \mathcal{B} 41'05	3°30'40
morning rise	-1814 Jun 17 j 11:41	26° \mathcal{B} 53'49		morning rise	-1813 May 29 j 16:52	8° \mathcal{B} 32'41	
direct	-1814 Jun 20 j 00:34	26° \mathcal{B} 34'24		direct	-1813 Jun 01 j 06:55	8° \mathcal{B} 15'45	
	-1814 Jun 27 j 23:14	0° Π		morning max el	-1813 Jun 11 j 09:51	12° \mathcal{B} 56'45	20°00'18
morning max el	-1814 Jun 28 j 15:32	0° Π 36'43	18°58'43	asc. node	-1813 Jun 23 j 01:26	29° \mathcal{B} 16'50	
asc. node	-1814 Jul 06 j 04:21	10° Π 22'59			-1813 Jun 23 j 10:57	0° Π	
morning set	-1814 Jul 15 j 08:07	27° Π 12'28		morning set	-1813 Jun 29 j 11:17	11° Π 41'13	
	-1814 Jul 16 j 18:06	0° \mathcal{E}					
superior conj	-1814 Jul 23 j 19:21	13° \mathcal{E} 47'36	1°48'12	superior conj	-1813 Jul 07 j 07:23	27° Π 36'15	1°44'52
minimum elong	-1814 Jul 23 j 19:35	13° \mathcal{E} 48'45	1°48'14	minimum elong	-1813 Jul 07 j 05:58	27° Π 29'07	1°44'51
max. Earth dist.	-1814 Jul 30 j 12:54	26° \mathcal{E} 18'23	1.38732 AU		-1813 Jul 08 j 12:16	0° \mathcal{E}	
	-1814 Aug 01 j 14:43	0° \mathcal{Q}		max. Earth dist.	-1813 Jul 12 j 16:52	8° \mathcal{E} 08'26	1.36838 AU
evening rise	-1814 Aug 03 j 10:05	3° \mathcal{Q} 09'12		evening rise	-1813 Jul 16 j 14:49	15° \mathcal{E} 25'09	
desc. node	-1814 Aug 16 j 02:22	23° \mathcal{Q} 42'55			-1813 Jul 25 j 01:05	0° \mathcal{Q}	
	-1814 Aug 20 j 07:41	0° \mathcal{M}		desc. node	-1813 Aug 02 j 23:21	13° \mathcal{Q} 55'10	
evening max el	-1814 Sep 08 j 00:21	23° \mathcal{M} 42'31	24°31'23		-1813 Aug 14 j 21:09	0° \mathcal{M}	
	-1814 Sep 17 j 02:06	0° \mathcal{L}		evening max el	-1813 Aug 21 j 11:20	7° \mathcal{M} 16'09	25°44'11
retrograde	-1814 Sep 19 j 08:27	0° \mathcal{L} 20'23		retrograde	-1813 Sep 02 j 18:00	14° \mathcal{M} 18'56	
	-1814 Sep 21 j 12:04	30° $\mathcal{R}\mathcal{M}$		evening set	-1813 Sep 08 j 20:55	11° \mathcal{M} 43'12	
evening set	-1814 Sep 24 j 20:40	28° \mathcal{M} 00'24		min. Earth dist.	-1813 Sep 13 j 04:18	6° \mathcal{M} 58'24	0.66742 AU
min. Earth dist.	-1814 Sep 29 j 12:22	22° \mathcal{M} 39'19	0.67307 AU	inferior conj	-1813 Sep 14 j 09:06	5° \mathcal{M} 26'29	-1°33'46
inferior conj	-1814 Sep 30 j 06:00	21° \mathcal{M} 40'20	-0°39'05	minimum elong	-1813 Sep 14 j 11:23	5° \mathcal{M} 19'11	1°32'50
minimum elong	-1814 Sep 30 j 06:57	21° \mathcal{M} 37'10	0°38'42	asc. node	-1813 Sep 19 j 00:34	0° \mathcal{M} 17'11	
asc. node	-1814 Oct 02 j 03:28	19° \mathcal{M} 12'07			-1813 Sep 19 j 09:16	30° $\mathcal{R}\mathcal{Q}$	
morning rise	-1814 Oct 05 j 17:15	15° \mathcal{M} 35'50		morning rise	-1813 Sep 20 j 02:03	29° \mathcal{Q} 30'51	
direct	-1814 Oct 09 j 10:41	14° \mathcal{M} 16'04		direct	-1813 Sep 23 j 08:57	28° \mathcal{Q} 28'26	
morning max el	-1814 Oct 17 j 06:08	18° \mathcal{M} 47'23	20°16'22		-1813 Sep 27 j 13:47	0° \mathcal{M}	
	-1814 Oct 26 j 04:59	0° \mathcal{L}		morning max el	-1813 Sep 30 j 11:28	2° \mathcal{M} 30'10	19°16'11
desc. node	-1814 Nov 12 j 01:45	25° \mathcal{L} 10'53			-1813 Oct 19 j 20:10	0° \mathcal{L}	
morning set	-1814 Nov 13 j 14:37	27° \mathcal{L} 33'16		morning set	-1813 Oct 23 j 18:30	6° \mathcal{L} 07'55	
	-1814 Nov 15 j 04:26	0° \mathcal{M}		desc. node	-1813 Oct 29 j 22:45	15° \mathcal{L} 47'29	
max. Earth dist.	-1814 Nov 24 j 04:19	14° \mathcal{M} 11'35	1.43610 AU	max. Earth dist.	-1813 Nov 06 j 19:05	28° \mathcal{L} 07'20	1.44624 AU
					-1813 Nov 07 j 23:35	0° \mathcal{M}	
superior conj	-1814 Nov 29 j 21:44	23° \mathcal{M} 29'38	-1°39'23	superior conj	-1813 Nov 09 j 11:20	2° \mathcal{M} 21'43	-1°04'37
minimum elong	-1814 Nov 29 j 15:07	23° \mathcal{M} 02'27	1°38'54	minimum elong	-1813 Nov 09 j 04:01	1° \mathcal{M} 52'40	1°03'48
	-1814 Dec 03 j 19:42	0° \mathcal{J}		evening rise	-1813 Nov 24 j 04:26	26° \mathcal{M} 11'20	
evening rise	-1814 Dec 12 j 16:04	15° \mathcal{J} 07'54			-1813 Nov 26 j 11:46	0° \mathcal{J}	
	-1814 Dec 21 j 07:58	0° \mathcal{B}		evening max el	-1813 Dec 13 j 20:19	25° \mathcal{J} 58'18	18°31'24
asc. node	-1814 Dec 29 j 02:43	11° \mathcal{B} 17'38		asc. node	-1813 Dec 15 j 23:46	27° \mathcal{J} 53'04	
evening max el	-1814 Dec 30 j 08:04	12° \mathcal{B} 36'49	18°11'03	retrograde	-1813 Dec 20 j 10:59	29° \mathcal{J} 37'59	
retrograde	-1813 Jan 05 j 20:39	16° \mathcal{B} 04'58		evening set	-1813 Dec 23 j 11:20	28° \mathcal{J} 47'34	
evening set	-1813 Jan 08 j 16:18	15° \mathcal{B} 24'39		inferior conj	-1813 Dec 29 j 09:18	23° \mathcal{J} 13'43	3°33'54
inferior conj	-1813 Jan 14 j 22:45	10° \mathcal{B} 09'13	3°52'55	minimum elong	-1813 Dec 29 j 06:45	23° \mathcal{J} 21'10	3°33'25
minimum elong	-1813 Jan 14 j 21:27	10° \mathcal{B} 12'41	3°52'47	min. Earth dist.	-1813 Dec 31 j 10:01	20° \mathcal{J} 51'09	0.64480 AU
min. Earth dist.	-1813 Jan 17 j 14:28	7° \mathcal{B} 20'58	0.62816 AU	morning rise	-1812 Jan 04 j 01:42	17° \mathcal{J} 08'52	
morning rise	-1813 Jan 21 j 01:44	4° \mathcal{B} 12'20		direct	-1812 Jan 10 j 22:22	14° \mathcal{J} 16'59	
direct	-1813 Jan 28 j 02:33	1° \mathcal{B} 31'27		morning max el	-1812 Jan 24 j 09:12	22° \mathcal{J} 02'04	27°19'06
desc. node	-1813 Feb 08 j 00:57	6° \mathcal{B} 37'06		desc. node	-1812 Jan 25 j 22:00	23° \mathcal{J} 36'46	
morning max el	-1813 Feb 11 j 00:04	9° \mathcal{B} 20'14	27°44'26		-1812 Jan 31 j 09:55	0° \mathcal{B}	
	-1813 Feb 27 j 02:17	0° \approx			-1812 Feb 20 j 06:16	0° \approx	
	-1813 Mar 16 j 02:47	0° \mathcal{H}		morning set	-1812 Feb 28 j 16:05	15° \approx 34'35	
morning set	-1813 Mar 16 j 22:56	1° \mathcal{H} 40'58		max. Earth dist.	-1812 Mar 04 j 11:39	25° \approx 15'21	1.33768 AU
max. Earth dist.	-1813 Mar 22 j 11:40	13° \mathcal{H} 11'09	1.32937 AU		-1812 Mar 06 j 18:20	0° \mathcal{H}	
superior conj	-1813 Mar 24 j 12:02	17° \mathcal{H} 30'53	-0°26'58	superior conj	-1812 Mar 07 j 17:13	2° \mathcal{H} 00'35	-0°52'45

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1812 Mar 07 j 19:38	2° H 13'19	0°52'18	minimum elong	-1811 Feb 19 j 19:26	16° \approx 23'25	1°16'32
asc. node	-1812 Mar 12 j 23:09	13° H 10'30			-1811 Feb 26 j 08:45	0° H	
evening rise	-1812 Mar 15 j 00:03	17° H 28'27		evening rise	-1811 Feb 27 j 08:24	2° H 02'09	
	-1812 Mar 21 j 06:35	0° Y		asc. node	-1811 Feb 27 j 20:11	3° H 02'46	
evening max el	-1812 Apr 05 j 04:02	21° Y 27'02	22°09'33		-1811 Mar 15 j 20:32	0° Y	
retrograde	-1812 Apr 17 j 22:20	27° Y 41'11		evening max el	-1811 Mar 18 j 06:20	2° Y 32'25	20°44'25
evening set	-1812 Apr 20 j 17:19	27° Y 23'57		retrograde	-1811 Mar 29 j 11:24	7° Y 54'44	
desc. node	-1812 Apr 22 j 21:07	26° Y 48'36		evening set	-1811 Mar 31 j 17:22	7° Y 42'38	
min. Earth dist.	-1812 Apr 29 j 10:46	23° Y 38'54	0.55202 AU	inferior conj	-1811 Apr 09 j 21:37	3° Y 45'10	-0°02'25
inferior conj	-1812 Apr 30 j 02:49	23° Y 16'14	-1°59'41	minimum elong	-1811 Apr 09 j 21:30	3° Y 45'20	0°02'23
minimum elong	-1812 Apr 29 j 21:32	23° Y 23'42	1°57'57	transit middle	-1811 Apr 09 j 21:30	3° Y 45'20	0°02'23
morning rise	-1812 May 09 j 03:15	19° Y 19'54		transit begin	-1811 Apr 09 j 17:28	3° Y 51'07	
direct	-1812 May 11 j 21:54	19° Y 02'31		transit end	-1811 Apr 10 j 01:32	3° Y 39'33	
morning max el	-1812 May 23 j 17:14	24° Y 34'45	21°21'16	desc. node	-1811 Apr 09 j 18:11	3° Y 50'06	
	-1812 May 28 j 14:28	0° B		min. Earth dist.	-1811 Apr 11 j 00:36	3° Y 06'28	0.55174 AU
asc. node	-1812 Jun 08 j 22:31	18° B 39'14			-1811 Apr 17 j 11:24	30° R H	
morning set	-1812 Jun 12 j 19:21	26° B 26'37		morning rise	-1811 Apr 19 j 00:40	29° H 33'03	
	-1812 Jun 14 j 12:25	0° II		direct	-1811 Apr 22 j 09:35	29° H 08'21	
					-1811 Apr 27 j 04:25	0° Y	
superior conj	-1812 Jun 20 j 05:20	11° II 56'06	1°34'44	morning max el	-1811 May 05 j 14:28	5° Y 32'33	22°56'43
minimum elong	-1812 Jun 20 j 03:00	11° II 43'59	1°34'33		-1811 May 22 j 13:59	0° B	
max. Earth dist.	-1812 Jun 24 j 04:03	19° II 59'12	1.35222 AU	asc. node	-1811 May 26 j 19:33	8° B 22'33	
evening rise	-1812 Jun 28 j 14:09	28° II 37'25		morning set	-1811 May 28 j 06:17	11° B 22'32	
	-1812 Jun 29 j 07:35	0° B					
	-1812 Jul 17 j 05:50	0° Q		superior conj	-1811 Jun 04 j 09:59	26° B 36'57	1°19'26
desc. node	-1812 Jul 19 j 20:23	3° Q 44'46		minimum elong	-1811 Jun 04 j 07:24	26° B 23'13	1°19'06
evening max el	-1812 Aug 02 j 22:53	20° Q 48'39	26°42'08		-1811 Jun 06 j 00:18	0° II	
retrograde	-1812 Aug 15 j 22:35	28° Q 05'12		max. Earth dist.	-1811 Jun 07 j 01:13	2° II 10'51	1.33977 AU
evening set	-1812 Aug 22 j 14:39	25° Q 19'49		evening rise	-1811 Jun 12 j 03:08	12° II 31'31	
min. Earth dist.	-1812 Aug 26 j 14:28	21° Q 12'37	0.65831 AU		-1811 Jun 21 j 13:56	0° B	
inferior conj	-1812 Aug 28 j 07:31	19° Q 10'11	-2°26'51	desc. node	-1811 Jul 06 j 17:26	23° B 01'27	
minimum elong	-1812 Aug 28 j 10:59	18° Q 59'48	2°25'35		-1811 Jul 12 j 10:39	0° Q	
morning rise	-1812 Sep 03 j 07:44	13° Q 26'24		evening max el	-1811 Jul 16 j 10:30	4° Q 09'58	27°17'31
asc. node	-1812 Sep 04 j 21:40	12° Q 48'12		retrograde	-1811 Jul 29 j 21:33	11° Q 30'52	
direct	-1812 Sep 06 j 06:28	12° Q 37'43		evening set	-1811 Aug 05 j 23:07	8° Q 45'18	
morning max el	-1812 Sep 12 j 22:37	16° Q 18'50	18°31'42	min. Earth dist.	-1811 Aug 09 j 16:32	5° Q 14'34	0.64553 AU
	-1812 Sep 22 j 23:52	0° M		inferior conj	-1811 Aug 11 j 22:53	2° Q 46'16	-3°15'55
morning set	-1812 Oct 02 j 22:52	15° M 57'29		minimum elong	-1811 Aug 12 j 03:07	2° Q 34'42	3°14'39
	-1812 Oct 11 j 17:12	0° Q			-1811 Aug 14 j 14:52	30° R B	
desc. node	-1812 Oct 15 j 19:46	6° Q 30'25		morning rise	-1811 Aug 18 j 07:48	27° B 17'42	
				direct	-1811 Aug 21 j 00:53	26° B 39'20	
superior conj	-1812 Oct 18 j 11:26	10° Q 41'31	-0°17'06	asc. node	-1811 Aug 22 j 18:46	26° B 55'18	
minimum elong	-1812 Oct 18 j 09:10	10° Q 32'36	0°16'48		-1811 Aug 27 j 09:56	0° Q	
max. Earth dist.	-1812 Oct 19 j 13:00	12° Q 22'07	1.44937 AU	morning max el	-1811 Aug 27 j 13:09	0° Q 08'02	18°04'10
	-1812 Oct 30 j 17:58	0° M		morning set	-1811 Sep 14 j 07:15	27° Q 08'39	
evening rise	-1812 Nov 03 j 16:36	6° M 13'45			-1811 Sep 15 j 23:56	0° M	
greatest brilliancy	-1812 Nov 12 j 21:59	20° M 47'45	-0.8m				
	-1812 Nov 18 j 22:59	0° J		superior conj	-1811 Sep 27 j 20:07	19° M 30'28	0°31'16
evening max el	-1812 Nov 26 j 06:13	9° J 24'26	19°09'13	minimum elong	-1811 Sep 27 j 23:41	19° M 44'49	0°30'48
asc. node	-1812 Dec 01 j 20:50	13° J 13'59		max. Earth dist.	-1811 Oct 02 j 07:09	26° M 38'03	1.44521 AU
retrograde	-1812 Dec 03 j 06:10	13° J 24'47		desc. node	-1811 Oct 02 j 16:47	27° M 16'13	
evening set	-1812 Dec 06 j 12:49	12° J 22'27			-1811 Oct 04 j 10:14	0° Q	
inferior conj	-1812 Dec 12 j 04:37	6° J 32'46	3°02'38	evening rise	-1811 Oct 14 j 07:11	15° Q 23'33	
minimum elong	-1812 Dec 12 j 01:39	6° J 42'08	3°01'50		-1811 Oct 23 j 19:56	0° M	
min. Earth dist.	-1812 Dec 13 j 14:44	4° J 44'58	0.65784 AU	greatest brilliancy	-1811 Oct 28 j 01:19	6° M 20'39	-0.6m
morning rise	-1812 Dec 17 j 14:12	0° J 22'42		evening max el	-1811 Nov 09 j 11:41	22° M 51'40	20°02'43
	-1812 Dec 18 j 00:49	30° R M		retrograde	-1811 Nov 17 j 03:24	27° M 20'43	
direct	-1812 Dec 24 j 00:33	27° M 34'02		asc. node	-1811 Nov 18 j 17:55	27° M 05'54	
	-1812 Dec 30 j 19:00	0° J		evening set	-1811 Nov 20 j 18:19	26° M 04'16	
morning max el	-1811 Jan 05 j 18:44	5° J 03'46	26°24'31	inferior conj	-1811 Nov 26 j 05:52	20° M 01'38	2°22'38
desc. node	-1811 Jan 11 j 19:04	11° J 47'21		minimum elong	-1811 Nov 26 j 03:07	20° M 10'46	2°21'42
	-1811 Jan 24 j 22:55	0° B		min. Earth dist.	-1811 Nov 27 j 02:48	18° M 51'53	0.66715 AU
morning set	-1811 Feb 10 j 21:06	28° B 46'48		morning rise	-1811 Dec 01 j 11:44	13° M 48'32	
	-1811 Feb 11 j 12:37	0° \approx		direct	-1811 Dec 07 j 08:09	11° M 13'46	
max. Earth dist.	-1811 Feb 15 j 00:12	6° \approx 43'30	1.35050 AU	morning max el	-1811 Dec 19 j 03:22	18° M 14'32	25°09'30
					-1811 Dec 29 j 01:45	0° J	
superior conj	-1811 Feb 19 j 16:09	16° \approx 06'36	-1°16'59	desc. node	-1811 Dec 29 j 16:06	0° J 47'38	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1810 Jan 18 j 00:02	0°♄		morning set	-1809 Jan 05 j 21:15	22°♄05'46	
morning set	-1810 Jan 24 j 08:52	11°♄02'39		max. Earth dist.	-1809 Jan 09 j 21:24	29°♄02'23	1.38790 AU
max. Earth dist.	-1810 Jan 28 j 01:40	17°♄48'32	1.36765 AU		-1809 Jan 10 j 10:25	0°♄	
superior conj	-1810 Feb 03 j 05:53	29°♄40'07	-1°37'56	superior conj	-1809 Jan 17 j 06:32	12°♄30'32	-1°53'02
minimum elong	-1810 Feb 03 j 09:23	29°♄57'23	1°37'36	minimum elong	-1809 Jan 17 j 09:06	12°♄42'34	1°52'56
	-1810 Feb 03 j 09:54	0°♄		evening rise	-1809 Jan 26 j 08:13	0°♄01'22	
evening rise	-1810 Feb 11 j 11:57	16°♄15'30			-1809 Jan 26 j 07:56	0°♄	
asc. node	-1810 Feb 14 j 17:14	22°♄38'41		asc. node	-1809 Feb 01 j 14:15	11°♄51'46	
	-1810 Feb 18 j 15:41	0°♄		evening max el	-1809 Feb 11 j 18:28	26°♄30'06	18°46'26
evening max el	-1810 Feb 28 j 19:28	14°♄13'53	19°35'44		-1809 Feb 17 j 04:44	0°♄	
retrograde	-1810 Mar 10 j 07:33	18°♄46'14		retrograde	-1809 Feb 19 j 20:39	0°♄25'10	
evening set	-1810 Mar 12 j 13:04	18°♄32'22		evening set	-1809 Feb 22 j 06:00	0°♄05'59	
inferior conj	-1810 Mar 21 j 01:32	14°♄27'54	1°46'34		-1809 Feb 22 j 14:33	30°♄	
minimum elong	-1810 Mar 21 j 05:35	14°♄21'27	1°45'18	inferior conj	-1809 Mar 02 j 00:06	25°♄44'26	3°03'42
min. Earth dist.	-1810 Mar 23 j 15:00	12°♄50'22	0.56065 AU	minimum elong	-1809 Mar 02 j 04:29	25°♄36'18	3°02'44
desc. node	-1810 Mar 27 j 15:14	10°♄37'57		min. Earth dist.	-1809 Mar 05 j 07:26	23°♄18'36	0.57672 AU
morning rise	-1810 Mar 29 j 19:34	9°♄46'30		morning rise	-1809 Mar 10 j 00:13	20°♄32'00	
direct	-1810 Apr 03 j 05:18	9°♄02'55		desc. node	-1809 Mar 14 j 12:16	19°♄18'49	
morning max el	-1810 Apr 17 j 05:51	16°♄07'02	24°36'43	direct	-1809 Mar 15 j 14:05	19°♄15'58	
	-1810 Apr 28 j 09:12	0°♄		morning max el	-1809 Mar 29 j 21:35	26°♄44'54	26°06'47
morning set	-1810 May 12 j 18:23	26°♄23'33			-1809 Apr 02 j 00:13	0°♄	
asc. node	-1810 May 13 j 16:36	28°♄20'54			-1809 Apr 21 j 14:14	0°♄	
	-1810 May 14 j 11:11	0°♄		morning set	-1809 Apr 27 j 05:55	11°♄22'32	
				asc. node	-1809 Apr 30 j 13:37	18°♄28'14	
superior conj	-1810 May 19 j 18:55	11°♄31'20	1°00'12	superior conj	-1809 May 04 j 06:06	26°♄31'15	0°38'00
minimum elong	-1810 May 19 j 16:38	11°♄18'55	0°59'49	minimum elong	-1809 May 04 j 04:30	26°♄22'30	0°37'42
max. Earth dist.	-1810 May 21 j 07:09	14°♄47'11	1.33108 AU	max. Earth dist.	-1809 May 04 j 18:30	27°♄39'07	1.32598 AU
evening rise	-1810 May 27 j 01:47	26°♄55'27			-1809 May 05 j 20:18	0°♄	
	-1810 May 28 j 14:27	0°♄		evening rise	-1809 May 11 j 06:56	11°♄37'58	
	-1810 Jun 14 j 22:05	0°♄			-1809 May 20 j 19:22	0°♄	
desc. node	-1810 Jun 23 j 14:28	11°♄31'19		desc. node	-1809 Jun 10 j 11:29	28°♄53'46	
evening max el	-1810 Jun 28 j 20:09	17°♄07'09	27°23'56	evening max el	-1809 Jun 11 j 01:03	29°♄26'33	26°57'49
retrograde	-1810 Jul 12 j 14:16	24°♄27'30			-1809 Jun 11 j 15:18	0°♄	
evening set	-1810 Jul 19 j 18:50	21°♄54'08		retrograde	-1809 Jun 25 j 00:01	6°♄45'09	
min. Earth dist.	-1810 Jul 23 j 08:45	18°♄54'05	0.62916 AU	evening set	-1809 Jul 01 j 21:35	4°♄37'54	
inferior conj	-1810 Jul 26 j 04:26	16°♄08'40	-3°57'22	min. Earth dist.	-1809 Jul 05 j 14:43	1°♄56'08	0.60981 AU
minimum elong	-1810 Jul 26 j 08:32	15°♄58'36	3°56'30		-1809 Jul 07 j 21:04	30°♄	
morning rise	-1810 Aug 01 j 23:20	10°♄58'43		inferior conj	-1809 Jul 08 j 20:47	29°♄08'25	-4°25'44
direct	-1810 Aug 04 j 13:03	10°♄27'54		minimum elong	-1809 Jul 08 j 23:19	29°♄02'57	4°25'29
asc. node	-1810 Aug 09 j 15:49	12°♄31'12		morning rise	-1809 Jul 16 j 02:47	24°♄19'51	
morning max el	-1810 Aug 11 j 04:26	13°♄52'32	17°54'31	direct	-1809 Jul 18 j 15:04	23°♄54'34	
	-1810 Aug 22 j 06:05	0°♄		morning max el	-1809 Jul 25 j 17:34	27°♄24'36	18°03'42
morning set	-1810 Aug 27 j 15:06	9°♄27'21		asc. node	-1809 Jul 27 j 12:51	29°♄20'34	
					-1809 Jul 28 j 01:58	0°♄	
superior conj	-1810 Sep 08 j 05:32	29°♄33'58	1°09'39	morning set	-1809 Aug 10 j 16:31	22°♄36'30	
minimum elong	-1810 Sep 08 j 10:54	29°♄56'32	1°09'04		-1809 Aug 14 j 16:26	0°♄	
	-1810 Sep 08 j 11:44	0°♄					
max. Earth dist.	-1810 Sep 14 j 22:30	10°♄37'14	1.43429 AU	superior conj	-1809 Aug 20 j 18:12	10°♄58'26	1°34'19
desc. node	-1810 Sep 19 j 13:50	18°♄02'00		minimum elong	-1809 Aug 20 j 22:07	11°♄15'46	1°34'03
evening rise	-1810 Sep 23 j 12:50	24°♄13'56		max. Earth dist.	-1809 Aug 28 j 08:07	24°♄00'20	1.41803 AU
	-1810 Sep 27 j 06:42	0°♄			-1809 Aug 31 j 23:26	0°♄	
	-1810 Oct 18 j 01:43	0°♄		evening rise	-1809 Sep 03 j 04:13	3°♄32'52	
evening max el	-1810 Oct 23 j 11:22	6°♄18'52	21°09'20	desc. node	-1809 Sep 06 j 10:51	8°♄44'06	
retrograde	-1810 Nov 01 j 00:33	11°♄23'11			-1809 Sep 20 j 16:00	0°♄	
evening set	-1810 Nov 05 j 01:49	9°♄50'27		evening max el	-1809 Oct 06 j 05:07	19°♄46'15	22°25'32
asc. node	-1810 Nov 05 j 14:58	9°♄23'31		retrograde	-1809 Oct 15 j 19:58	25°♄29'27	
inferior conj	-1810 Nov 10 j 10:48	3°♄38'08	1°36'24	evening set	-1809 Oct 20 j 09:33	23°♄38'44	
minimum elong	-1810 Nov 10 j 08:44	3°♄45'12	1°35'34	asc. node	-1809 Oct 23 j 11:59	20°♄20'22	
min. Earth dist.	-1810 Nov 10 j 20:04	3°♄06'20	0.67291 AU	inferior conj	-1809 Oct 25 j 17:30	17°♄20'21	0°45'47
	-1810 Nov 13 j 04:41	30°♄		minimum elong	-1809 Oct 25 j 16:27	17°♄23'59	0°45'19
morning rise	-1810 Nov 15 j 15:31	27°♄24'03		min. Earth dist.	-1809 Oct 25 j 16:10	17°♄24'58	0.67537 AU
direct	-1810 Nov 20 j 20:35	25°♄09'20		morning rise	-1809 Oct 30 j 23:14	11°♄07'42	
	-1810 Nov 29 j 22:55	0°♄		direct	-1809 Nov 04 j 13:17	9°♄15'06	
morning max el	-1810 Dec 01 j 12:09	1°♄30'06	23°43'54	morning max el	-1809 Nov 13 j 23:52	14°♄50'58	22°17'16
desc. node	-1810 Dec 16 j 13:08	20°♄23'29			-1809 Nov 26 j 04:20	0°♄	
	-1810 Dec 23 j 02:29	0°♄					

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desc. node	-1809 Dec 03 j 10:11	10° \mathbb{M} 24'57		morning rise	-1808 Oct 14 j 08:51	24° \mathbb{M} 57'12	
	-1809 Dec 16 j 02:56	0° \mathbb{A}		direct	-1808 Oct 18 j 09:16	23° \mathbb{M} 26'03	
morning set	-1809 Dec 17 j 05:08	1° \mathbb{A} 45'36		morning max el	-1808 Oct 26 j 17:29	28° \mathbb{M} 19'04	20°57'10
max. Earth dist.	-1809 Dec 22 j 18:45	10° \mathbb{A} 57'01	1.40879 AU		-1808 Oct 28 j 07:20	0° \mathbb{A}	
					-1808 Nov 18 j 19:38	0° \mathbb{M}	
superior conj	-1809 Dec 30 j 13:17	24° \mathbb{A} 25'58	-1°58'54	desc. node	-1808 Nov 19 j 07:12	0° \mathbb{M} 44'02	
minimum elong	-1809 Dec 30 j 13:11	24° \mathbb{A} 25'32	1°58'56	morning set	-1808 Nov 25 j 10:52	10° \mathbb{M} 13'26	
	-1808 Jan 02 j 15:16	0° \mathbb{B}		max. Earth dist.	-1808 Dec 03 j 22:46	23° \mathbb{M} 45'29	1.42745 AU
evening rise	-1808 Jan 09 j 18:07	13° \mathbb{B} 12'48			-1808 Dec 07 j 17:55	0° \mathbb{A}	
asc. node	-1808 Jan 19 j 11:17	0° \approx 34'48					
	-1808 Jan 19 j 02:38	0° \approx		superior conj	-1808 Dec 10 j 20:30	5° \mathbb{A} 12'38	-1°51'22
evening max el	-1808 Jan 26 j 00:57	9° \approx 15'04	18°17'13	minimum elong	-1808 Dec 10 j 16:11	4° \mathbb{A} 54'25	1°51'10
retrograde	-1808 Feb 02 j 04:12	12° \approx 48'25		evening rise	-1808 Dec 22 j 13:45	25° \mathbb{A} 40'47	
evening set	-1808 Feb 04 j 17:43	12° \approx 21'56			-1808 Dec 24 j 23:47	0° \mathbb{B}	
inferior conj	-1808 Feb 11 j 19:28	7° \approx 39'41	3°44'45	asc. node	-1807 Jan 05 j 08:19	18° \mathbb{B} 37'55	
minimum elong	-1808 Feb 11 j 21:43	7° \approx 34'48	3°44'29	evening max el	-1807 Jan 08 j 11:57	22° \mathbb{B} 19'59	18°07'49
min. Earth dist.	-1808 Feb 15 j 04:31	4° \approx 46'08	0.59671 AU	retrograde	-1807 Jan 15 j 03:01	25° \mathbb{B} 46'06	
morning rise	-1808 Feb 18 j 23:39	2° \approx 04'02		evening set	-1807 Jan 17 j 20:27	25° \mathbb{B} 11'04	
direct	-1808 Feb 25 j 11:42	0° \approx 08'59		inferior conj	-1807 Jan 24 j 09:03	20° \mathbb{B} 07'37	3°56'18
desc. node	-1808 Feb 29 j 09:18	0° \approx 48'21		minimum elong	-1807 Jan 24 j 08:52	20° \mathbb{B} 08'05	3°56'16
morning max el	-1808 Mar 10 j 18:16	7° \approx 51'13	27°12'02	min. Earth dist.	-1807 Jan 27 j 08:50	17° \mathbb{B} 11'06	0.61726 AU
	-1808 Mar 27 j 12:34	0° \mathbb{H}		morning rise	-1807 Jan 30 j 20:02	14° \mathbb{B} 17'04	
morning set	-1808 Apr 10 j 15:09	26° \mathbb{H} 13'11		direct	-1807 Feb 06 j 19:31	11° \mathbb{B} 48'53	
	-1808 Apr 12 j 10:19	0° \mathbb{Y}		desc. node	-1807 Feb 15 j 06:22	14° \mathbb{B} 53'49	
asc. node	-1808 Apr 16 j 10:39	8° \mathbb{Y} 40'05		morning max el	-1807 Feb 20 j 20:59	19° \mathbb{B} 36'47	27°43'05
					-1807 Mar 01 j 18:20	0° \approx	
superior conj	-1808 Apr 17 j 17:49	11° \mathbb{Y} 30'40	0°13'41		-1807 Mar 20 j 08:24	0° \mathbb{H}	
minimum elong	-1808 Apr 17 j 17:12	11° \mathbb{Y} 27'18	0°13'34	morning set	-1807 Mar 25 j 20:10	10° \mathbb{H} 48'15	
behind sun begin	-1808 Apr 17 j 14:37	11° \mathbb{Y} 13'10		max. Earth dist.	-1807 Mar 31 j 18:33	23° \mathbb{H} 19'38	1.32643 AU
behind sun end	-1808 Apr 17 j 19:47	11° \mathbb{Y} 41'28					
max. Earth dist.	-1808 Apr 17 j 07:32	10° \mathbb{Y} 34'18	1.32439 AU	superior conj	-1807 Apr 02 j 04:25	26° \mathbb{H} 23'27	-0°11'58
evening rise	-1808 Apr 24 j 16:12	26° \mathbb{Y} 30'56		minimum elong	-1807 Apr 02 j 04:58	26° \mathbb{H} 26'27	0°11'51
	-1808 Apr 26 j 08:25	0° \mathbb{B}		behind sun begin	-1807 Apr 02 j 01:34	26° \mathbb{H} 07'53	
	-1808 May 13 j 15:17	0° \mathbb{I}		behind sun end	-1807 Apr 02 j 08:23	26° \mathbb{H} 45'01	
evening max el	-1808 May 22 j 23:33	11° \mathbb{I} 02'08	26°00'00	asc. node	-1807 Apr 03 j 07:42	28° \mathbb{H} 52'01	
desc. node	-1808 May 27 j 08:29	14° \mathbb{I} 41'06			-1807 Apr 03 j 20:10	0° \mathbb{Y}	
retrograde	-1808 Jun 06 j 01:22	18° \mathbb{I} 17'01		evening rise	-1807 Apr 09 j 03:35	11° \mathbb{Y} 27'03	
evening set	-1808 Jun 12 j 03:14	16° \mathbb{I} 47'01			-1807 Apr 18 j 15:55	0° \mathbb{B}	
min. Earth dist.	-1808 Jun 16 j 12:13	14° \mathbb{I} 06'09	0.58921 AU	evening max el	-1807 May 04 j 16:27	21° \mathbb{B} 59'27	24°37'35
inferior conj	-1808 Jun 19 j 20:22	11° \mathbb{I} 36'35	-4°32'33	desc. node	-1807 May 14 j 05:30	28° \mathbb{B} 18'05	
minimum elong	-1808 Jun 19 j 19:33	11° \mathbb{I} 38'08	4°32'30	retrograde	-1807 May 18 j 15:40	29° \mathbb{B} 03'03	
morning rise	-1808 Jun 27 j 14:21	7° \mathbb{I} 10'10		evening set	-1807 May 23 j 10:40	28° \mathbb{B} 11'10	
direct	-1808 Jun 30 j 02:36	6° \mathbb{I} 49'02		min. Earth dist.	-1807 May 29 j 04:16	25° \mathbb{B} 15'06	0.57026 AU
morning max el	-1808 Jul 08 j 01:35	10° \mathbb{I} 36'01	18°32'41	inferior conj	-1807 Jun 01 j 00:18	23° \mathbb{B} 24'47	-4°06'23
asc. node	-1808 Jul 13 j 09:55	17° \mathbb{I} 08'28		minimum elong	-1807 May 31 j 19:21	23° \mathbb{B} 32'52	4°05'34
	-1808 Jul 20 j 22:15	0° \mathbb{E}		morning rise	-1807 Jun 09 j 06:57	19° \mathbb{B} 17'49	
morning set	-1808 Jul 24 j 06:42	6° \mathbb{E} 23'46		direct	-1807 Jun 11 j 20:05	18° \mathbb{B} 59'41	
				morning max el	-1807 Jun 21 j 01:33	23° \mathbb{B} 17'15	19°22'24
superior conj	-1808 Aug 02 j 05:36	23° \mathbb{E} 31'02	1°46'13		-1807 Jun 26 j 16:22	0° \mathbb{I}	
minimum elong	-1808 Aug 02 j 07:07	23° \mathbb{E} 38'04	1°46'12	asc. node	-1807 Jun 30 j 07:00	5° \mathbb{I} 41'41	
	-1808 Aug 05 j 18:20	0° \mathbb{Q}		morning set	-1807 Jul 08 j 06:02	20° \mathbb{I} 40'08	
max. Earth dist.	-1808 Aug 09 j 12:04	6° \mathbb{Q} 38'33	1.39876 AU		-1807 Jul 12 j 21:55	0° \mathbb{E}	
evening rise	-1808 Aug 13 j 18:35	13° \mathbb{Q} 57'09					
desc. node	-1808 Aug 23 j 07:51	29° \mathbb{Q} 18'28		superior conj	-1807 Jul 16 j 10:08	6° \mathbb{E} 56'19	1°47'45
	-1808 Aug 23 j 18:39	0° \mathbb{M}		minimum elong	-1807 Jul 16 j 09:34	6° \mathbb{E} 53'35	1°47'46
	-1808 Sep 14 j 17:05	0° \mathbb{A}		max. Earth dist.	-1807 Jul 22 j 14:40	18° \mathbb{E} 41'45	1.37903 AU
evening max el	-1808 Sep 17 j 18:27	3° \mathbb{A} 15'35	23°45'59	evening rise	-1807 Jul 26 j 10:25	25° \mathbb{E} 35'31	
retrograde	-1808 Sep 28 j 12:12	9° \mathbb{A} 35'39			-1807 Jul 28 j 23:09	0° \mathbb{Q}	
evening set	-1808 Oct 03 j 15:46	7° \mathbb{A} 26'20		desc. node	-1807 Aug 10 j 04:52	19° \mathbb{Q} 40'53	
min. Earth dist.	-1808 Oct 08 j 12:36	1° \mathbb{A} 45'08	0.67476 AU		-1807 Aug 17 j 08:35	0° \mathbb{M}	
inferior conj	-1808 Oct 09 j 00:09	1° \mathbb{A} 05'45	-0°07'41	evening max el	-1807 Aug 31 j 05:56	16° \mathbb{M} 49'20	25°03'44
minimum elong	-1808 Oct 09 j 00:20	1° \mathbb{A} 05'07	0°07'36	retrograde	-1807 Sep 12 j 00:19	23° \mathbb{M} 38'48	
transit middle	-1808 Oct 09 j 00:20	1° \mathbb{A} 05'07	0°07'36	evening set	-1807 Sep 17 j 18:45	21° \mathbb{M} 11'56	
transit begin	-1808 Oct 08 j 21:56	1° \mathbb{A} 13'19		min. Earth dist.	-1807 Sep 22 j 06:56	16° \mathbb{M} 05'48	0.67110 AU
transit end	-1808 Oct 09 j 02:44	0° \mathbb{A} 56'56		inferior conj	-1807 Sep 23 j 05:06	14° \mathbb{M} 52'54	-1°02'21
asc. node	-1808 Oct 09 j 09:03	0° \mathbb{A} 35'27		minimum elong	-1807 Sep 23 j 06:38	14° \mathbb{M} 47'55	1°01'42
	-1808 Oct 09 j 19:33	30° \mathbb{R} \mathbb{M}		asc. node	-1807 Sep 26 j 06:08	11° \mathbb{M} 07'25	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning rise	-1807 Sep 28 j 18:34	8° \mathbb{M} 51'33		morning rise	-1806 Sep 13 j 02:21	22° Ω 47'37	
direct	-1807 Oct 02 j 07:18	7° \mathbb{M} 39'25		asc. node	-1806 Sep 13 j 03:13	22° Ω 46'19	
morning max el	-1807 Oct 09 j 18:38	11° \mathbb{M} 56'59	19°48'51	direct	-1806 Sep 16 j 05:35	21° Ω 51'20	
	-1807 Oct 23 j 06:51	0° \mathbb{A}		morning max el	-1806 Sep 23 j 02:41	25° Ω 42'46	18°55'15
morning set	-1807 Nov 04 j 08:18	18° \mathbb{A} 25'21			-1806 Sep 26 j 18:39	0° \mathbb{M}	
desc. node	-1807 Nov 06 j 04:15	21° \mathbb{A} 15'44		morning set	-1806 Oct 14 j 21:22	27° \mathbb{M} 29'14	
	-1807 Nov 11 j 18:31	0° \mathbb{M}			-1806 Oct 16 j 11:34	0° \mathbb{A}	
max. Earth dist.	-1807 Nov 16 j 10:33	7° \mathbb{M} 22'49	1.44131 AU	desc. node	-1806 Oct 24 j 01:17	11° \mathbb{A} 55'35	
				max. Earth dist.	-1806 Oct 30 j 03:36	21° \mathbb{A} 31'02	1.44856 AU
superior conj	-1807 Nov 21 j 00:34	14° \mathbb{M} 43'52	-1°26'43				
minimum elong	-1807 Nov 20 j 16:57	14° \mathbb{M} 13'07	1°26'01	superior conj	-1806 Oct 31 j 06:04	23° \mathbb{A} 15'19	-0°45'24
	-1807 Nov 30 j 07:09	0° \mathbb{A}		minimum elong	-1806 Oct 31 j 00:20	22° \mathbb{A} 52'43	0°44'42
evening rise	-1807 Dec 04 j 14:47	7° \mathbb{A} 17'27			-1806 Nov 04 j 12:29	0° \mathbb{M}	
	-1807 Dec 18 j 11:49	0° \mathbb{B}		evening rise	-1806 Nov 15 j 17:03	17° \mathbb{M} 55'26	
evening max el	-1807 Dec 23 j 00:34	5° \mathbb{B} 37'30	18°17'31		-1806 Nov 23 j 04:05	0° \mathbb{A}	
asc. node	-1807 Dec 23 j 05:21	5° \mathbb{B} 49'30		evening max el	-1806 Dec 06 j 12:06	19° \mathbb{A} 01'36	18°45'25
retrograde	-1807 Dec 29 j 12:54	9° \mathbb{B} 08'53		asc. node	-1806 Dec 10 j 02:24	21° \mathbb{A} 55'23	
evening set	-1806 Jan 01 j 10:31	8° \mathbb{B} 24'19		retrograde	-1806 Dec 13 j 05:46	22° \mathbb{A} 48'55	
inferior conj	-1806 Jan 07 j 13:03	3° \mathbb{B} 00'47	3°46'33	evening set	-1806 Dec 16 j 08:40	21° \mathbb{A} 53'29	
minimum elong	-1806 Jan 07 j 11:06	3° \mathbb{B} 06'10	3°46'17	inferior conj	-1806 Dec 22 j 03:43	16° \mathbb{A} 12'18	3°21'52
min. Earth dist.	-1806 Jan 09 j 22:27	0° \mathbb{B} 22'05	0.63576 AU	minimum elong	-1806 Dec 22 j 00:54	16° \mathbb{A} 20'50	3°21'15
	-1806 Jan 10 j 06:44	30° \mathbb{R} \mathbb{A}		min. Earth dist.	-1806 Dec 23 j 21:58	14° \mathbb{A} 04'10	0.65084 AU
morning rise	-1806 Jan 13 j 11:04	27° \mathbb{A} 00'25		morning rise	-1806 Dec 27 j 16:49	10° \mathbb{A} 05'03	
direct	-1806 Jan 20 j 11:14	24° \mathbb{A} 12'58		direct	-1805 Jan 03 j 09:37	7° \mathbb{A} 13'21	
	-1806 Feb 01 j 01:16	0° \mathbb{B}		morning max el	-1805 Jan 16 j 14:05	14° \mathbb{A} 52'47	26°59'02
desc. node	-1806 Feb 02 j 03:26	1° \mathbb{B} 00'00		desc. node	-1805 Jan 20 j 00:31	18° \mathbb{A} 33'07	
morning max el	-1806 Feb 03 j 04:25	2° \mathbb{B} 00'28	27°37'35		-1805 Jan 29 j 00:15	0° \mathbb{B}	
	-1806 Feb 23 j 23:41	0° \mathbb{A}			-1805 Feb 16 j 16:23	0° \mathbb{A}	
morning set	-1806 Mar 09 j 18:30	24° \mathbb{A} 59'41		morning set	-1805 Feb 21 j 07:04	8° \mathbb{A} 37'39	
	-1806 Mar 12 j 05:55	0° \mathbb{H}		max. Earth dist.	-1805 Feb 25 j 19:28	17° \mathbb{A} 33'06	1.34261 AU
max. Earth dist.	-1806 Mar 14 j 23:44	5° \mathbb{H} 42'19	1.33240 AU				
superior conj	-1806 Mar 17 j 12:10	11° \mathbb{H} 03'31	-0°38'00	superior conj	-1805 Mar 01 j 15:02	25° \mathbb{A} 24'27	-1°03'19
minimum elong	-1806 Mar 17 j 13:56	11° \mathbb{H} 12'57	0°37'39	minimum elong	-1805 Mar 01 j 17:52	25° \mathbb{A} 39'15	1°02'50
asc. node	-1806 Mar 21 j 04:44	18° \mathbb{H} 59'53			-1805 Mar 03 j 19:30	0° \mathbb{H}	
evening rise	-1806 Mar 24 j 15:15	26° \mathbb{H} 19'48		asc. node	-1805 Mar 08 j 01:46	8° \mathbb{H} 59'34	
	-1806 Mar 26 j 09:33	0° \mathbb{Y}		evening rise	-1805 Mar 09 j 01:24	11° \mathbb{H} 02'56	
	-1806 Apr 13 j 19:17	0° \mathbb{B}			-1805 Mar 19 j 00:13	0° \mathbb{Y}	
evening max el	-1806 Apr 16 j 07:57	2° \mathbb{B} 37'54	23°03'18	evening max el	-1805 Mar 29 j 04:39	13° \mathbb{Y} 26'34	21°31'36
retrograde	-1806 Apr 29 j 16:53	9° \mathbb{B} 15'10		retrograde	-1805 Apr 10 j 08:12	19° \mathbb{Y} 19'54	
desc. node	-1806 May 01 j 02:33	9° \mathbb{B} 10'46		evening set	-1805 Apr 12 j 19:53	19° \mathbb{Y} 05'52	
evening set	-1806 May 03 j 02:59	8° \mathbb{B} 49'34		desc. node	-1805 Apr 17 j 23:36	17° \mathbb{Y} 19'16	
min. Earth dist.	-1806 May 10 j 17:45	5° \mathbb{B} 26'23	0.55644 AU	inferior conj	-1805 Apr 22 j 04:50	15° \mathbb{Y} 04'22	-1°11'08
inferior conj	-1806 May 12 j 08:46	4° \mathbb{B} 29'43	-2°57'38	minimum elong	-1805 Apr 22 j 01:31	15° \mathbb{Y} 09'02	1°09'58
minimum elong	-1806 May 12 j 02:08	4° \mathbb{B} 39'22	2°55'47	min. Earth dist.	-1805 Apr 22 j 07:02	15° \mathbb{Y} 01'16	0.55071 AU
morning rise	-1806 May 21 j 03:44	0° \mathbb{B} 34'04		morning rise	-1805 May 01 j 07:44	11° \mathbb{Y} 04'01	
direct	-1806 May 23 j 19:17	0° \mathbb{B} 17'17		direct	-1805 May 04 j 07:02	10° \mathbb{Y} 44'43	
morning max el	-1806 Jun 03 j 15:08	5° \mathbb{B} 18'58	20°32'39	morning max el	-1805 May 16 j 17:56	16° \mathbb{Y} 39'03	22°00'40
asc. node	-1806 Jun 17 j 04:04	24° \mathbb{B} 48'36			-1805 May 27 j 03:58	0° \mathbb{B}	
	-1806 Jun 19 j 20:38	0° \mathbb{H}		asc. node	-1805 Jun 04 j 01:08	14° \mathbb{B} 20'52	
morning set	-1806 Jun 22 j 11:35	5° \mathbb{H} 16'55		morning set	-1805 Jun 06 j 21:07	20° \mathbb{B} 07'45	
					-1805 Jun 11 j 13:34	0° \mathbb{H}	
superior conj	-1806 Jun 30 j 02:50	20° \mathbb{H} 59'23	1°41'19	superior conj	-1805 Jun 14 j 03:59	5° \mathbb{H} 29'19	1°28'48
minimum elong	-1806 Jun 30 j 00:56	20° \mathbb{H} 49'43	1°41'13	minimum elong	-1805 Jun 14 j 01:28	5° \mathbb{H} 16'08	1°28'33
	-1806 Jul 04 j 15:15	0° \mathbb{B}		max. Earth dist.	-1805 Jun 17 j 13:00	12° \mathbb{H} 29'14	1.34643 AU
max. Earth dist.	-1806 Jul 04 j 21:33	0° \mathbb{B} 30'42	1.36109 AU	evening rise	-1805 Jun 22 j 05:22	21° \mathbb{H} 48'29	
evening rise	-1806 Jul 08 j 23:43	8° \mathbb{B} 17'10			-1805 Jun 26 j 13:55	0° \mathbb{B}	
	-1806 Jul 21 j 15:29	0° \mathbb{A}		desc. node	-1805 Jul 14 j 22:53	29° \mathbb{B} 21'32	
desc. node	-1806 Jul 28 j 01:53	9° \mathbb{A} 44'40			-1805 Jul 15 j 10:10	0° \mathbb{A}	
	-1806 Aug 13 j 07:29	0° \mathbb{M}		evening max el	-1805 Jul 27 j 04:52	13° \mathbb{A} 52'28	27°00'16
evening max el	-1806 Aug 13 j 17:17	0° \mathbb{M} 24'02	26°11'07	retrograde	-1805 Aug 09 j 09:47	21° \mathbb{A} 11'43	
retrograde	-1806 Aug 26 j 07:36	7° \mathbb{M} 33'06		evening set	-1805 Aug 16 j 06:40	18° \mathbb{A} 24'34	
evening set	-1806 Sep 01 j 16:31	4° \mathbb{M} 52'27		min. Earth dist.	-1805 Aug 20 j 03:27	14° \mathbb{A} 33'35	0.65337 AU
min. Earth dist.	-1806 Sep 05 j 20:40	0° \mathbb{M} 23'40	0.66406 AU	inferior conj	-1805 Aug 22 j 02:10	12° \mathbb{A} 19'12	-2°48'19
	-1806 Sep 06 j 04:20	30° \mathbb{R} \mathbb{A}		minimum elong	-1805 Aug 22 j 06:02	12° \mathbb{A} 08'03	2°47'00
inferior conj	-1806 Sep 07 j 06:29	28° \mathbb{A} 38'36	-1°56'35	morning rise	-1805 Aug 28 j 05:57	6° \mathbb{A} 41'47	
minimum elong	-1806 Sep 07 j 09:18	28° \mathbb{A} 29'49	1°55'28	direct	-1805 Aug 31 j 02:01	5° \mathbb{A} 57'54	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

asc. node	-1805 Aug 31 j 00:19	5°Ω57'55		inferior conj	-1804 Aug 04 j 13:42	25°Ω49'51	-3°34'43
morning max el	-1805 Sep 06 j 15:39	9°Ω32'28	18°17'55	minimum elong	-1804 Aug 04 j 18:01	25°Ω38'32	3°33'36
	-1805 Sep 20 j 18:27	0°൬		morning rise	-1804 Aug 11 j 02:45	20°Ω29'03	
morning set	-1805 Sep 25 j 13:53	7°൬54'25		direct	-1804 Aug 13 j 17:59	19°Ω54'22	
	-1805 Oct 09 j 05:53	0°Ω		asc. node	-1804 Aug 16 j 21:23	20°Ω43'56	
				morning max el	-1804 Aug 20 j 06:53	23°Ω20'30	17°57'53
superior conj	-1805 Oct 10 j 07:04	1°Ω39'50	0°04'08		-1804 Aug 25 j 13:24	0°Ω	
minimum elong	-1805 Oct 10 j 07:35	1°Ω41'55	0°04'03	morning set	-1804 Sep 06 j 08:56	19°Ω36'01	
behind sun begin	-1805 Oct 09 j 20:47	0°Ω59'05			-1804 Sep 12 j 10:59	0°൬	
behind sun end	-1805 Oct 10 j 18:24	2°Ω24'43					
desc. node	-1805 Oct 10 j 22:18	2°Ω40'10		superior conj	-1804 Sep 19 j 01:13	10°൬57'56	0°49'08
max. Earth dist.	-1805 Oct 12 j 22:14	5°Ω49'26	1.44848 AU	minimum elong	-1804 Sep 19 j 06:05	11°൬17'52	0°48'32
evening rise	-1805 Oct 26 j 19:15	27°Ω33'32		max. Earth dist.	-1804 Sep 24 j 15:03	19°൬58'41	1.44123 AU
	-1805 Oct 28 j 08:47	0°൬		desc. node	-1804 Sep 26 j 19:19	23°൬26'25	
greatest brilliancy	-1805 Nov 07 j 05:54	15°൬18'56	-0.7m		-1804 Sep 30 j 23:29	0°Ω	
	-1805 Nov 17 j 15:33	0°✎		evening rise	-1804 Oct 05 j 03:52	6°Ω29'24	
evening max el	-1805 Nov 19 j 20:15	2°✎28'03	19°30'07		-1804 Oct 20 j 18:10	0°൬	
asc. node	-1805 Nov 26 j 23:28	6°✎40'00		evening max el	-1804 Nov 01 j 23:18	15°൬55'28	20°29'37
retrograde	-1805 Nov 27 j 02:15	6°✎40'05		retrograde	-1804 Nov 09 j 23:45	20°൬39'19	
evening set	-1805 Nov 30 j 12:07	5°✎32'02		asc. node	-1804 Nov 12 j 20:31	19°൬52'10	
	-1805 Dec 05 j 18:31	30°൬		evening set	-1804 Nov 13 j 18:42	19°൬16'24	
inferior conj	-1805 Dec 06 j 01:52	29°൬36'11	2°46'36	inferior conj	-1804 Nov 19 j 04:58	13°൬09'14	2°03'44
minimum elong	-1805 Dec 05 j 22:56	29°൬45'42	2°45'42	minimum elong	-1804 Nov 19 j 02:28	13°൬17'42	2°02'47
min. Earth dist.	-1805 Dec 07 j 06:07	28°൬04'30	0.66221 AU	min. Earth dist.	-1804 Nov 19 j 20:50	12°൬15'31	0.66998 AU
morning rise	-1805 Dec 11 j 09:31	23°൬24'21		morning rise	-1804 Nov 24 j 10:01	6°൬55'10	
direct	-1805 Dec 17 j 14:04	20°൬40'47		direct	-1804 Nov 29 j 23:57	4°൬28'15	
morning max el	-1805 Dec 29 j 23:33	28°൬00'21	25°54'34	morning max el	-1804 Dec 11 j 08:01	11°൬13'51	24°33'45
	-1805 Dec 31 j 21:22	0°✎		desc. node	-1804 Dec 23 j 18:37	26°൬24'15	
desc. node	-1804 Jan 06 j 21:34	7°✎07'01			-1804 Dec 26 j 08:25	0°✎	
	-1804 Jan 22 j 17:39	0°Ω			-1803 Jan 14 j 11:07	0°Ω	
morning set	-1804 Feb 04 j 05:26	21°Ω28'00		morning set	-1803 Jan 16 j 08:04	3°Ω15'21	
max. Earth dist.	-1804 Feb 08 j 03:13	28°Ω49'41	1.35730 AU	max. Earth dist.	-1803 Jan 20 j 00:54	9°Ω52'07	1.37600 AU
	-1804 Feb 08 j 17:47	0°≈					
				superior conj	-1803 Jan 26 j 19:05	22°Ω34'02	-1°45'15
superior conj	-1804 Feb 13 j 10:24	9°≈17'26	-1°26'26	minimum elong	-1803 Jan 26 j 22:22	22°Ω49'54	1°44'59
minimum elong	-1804 Feb 13 j 13:53	9°≈35'00	1°25'59		-1803 Jan 30 j 14:03	0°≈	
evening rise	-1804 Feb 21 j 07:58	25°≈28'42		evening rise	-1803 Feb 04 j 08:44	9°≈31'01	
asc. node	-1804 Feb 22 j 22:47	28°≈45'30		asc. node	-1803 Feb 08 j 19:48	18°≈12'22	
	-1804 Feb 23 j 13:40	0°✎			-1803 Feb 15 j 17:28	0°✎	
evening max el	-1804 Mar 10 j 11:22	24°✎46'10	20°12'54	evening max el	-1803 Feb 21 j 05:00	6°✎43'14	19°12'19
retrograde	-1804 Mar 20 j 23:05	29°✎46'45		retrograde	-1803 Mar 02 j 01:29	10°✎57'30	
evening set	-1804 Mar 23 j 03:35	29°✎34'37		evening set	-1803 Mar 04 j 08:21	10°✎41'48	
inferior conj	-1804 Apr 01 j 01:54	25°✎35'45	0°46'39	inferior conj	-1803 Mar 12 j 13:02	6°✎31'14	2°23'49
minimum elong	-1804 Apr 01 j 03:57	25°✎32'41	0°45'57	minimum elong	-1803 Mar 12 j 17:40	6°✎23'22	2°22'31
min. Earth dist.	-1804 Apr 02 j 21:10	24°✎31'21	0.55445 AU	min. Earth dist.	-1803 Mar 15 j 12:31	4°✎30'52	0.56683 AU
desc. node	-1804 Apr 03 j 20:40	23°✎57'18		morning rise	-1803 Mar 21 j 00:06	1°✎35'48	
morning rise	-1804 Apr 10 j 02:30	21°✎11'55		desc. node	-1803 Mar 21 j 17:42	1°✎20'30	
direct	-1804 Apr 13 j 20:39	20°✎41'04		direct	-1803 Mar 25 j 22:09	0°✎39'32	
morning max el	-1804 Apr 27 j 12:11	27°✎24'35	23°39'32	morning max el	-1803 Apr 09 j 02:54	7°✎56'38	25°17'03
	-1804 Apr 30 j 01:00	0°൬			-1803 Apr 25 j 09:57	0°൬	
	-1804 May 18 j 21:24	0°✎		morning set	-1803 May 05 j 20:43	20°൬06'18	
asc. node	-1804 May 20 j 22:10	4°✎10'57		asc. node	-1803 May 07 j 19:11	24°൬13'16	
morning set	-1804 May 21 j 08:43	5°✎06'06			-1803 May 10 j 11:15	0°✎	
superior conj	-1804 May 28 j 10:42	20°✎16'36	1°11'41	superior conj	-1803 May 12 j 20:48	5°✎13'48	0°51'05
minimum elong	-1804 May 28 j 08:11	20°✎03'06	1°11'19	minimum elong	-1803 May 12 j 18:45	5°✎02'41	0°50'43
max. Earth dist.	-1804 May 30 j 13:56	24°✎50'06	1.33556 AU	max. Earth dist.	-1803 May 13 j 22:22	7°✎32'56	1.32847 AU
	-1804 Jun 02 j 01:00	0°II		evening rise	-1803 May 20 j 00:35	20°✎28'44	
evening rise	-1804 Jun 04 j 22:51	5°II56'03			-1803 May 24 j 19:41	0°II	
	-1804 Jun 18 j 04:33	0°Ω			-1803 Jun 12 j 09:40	0°Ω	
desc. node	-1804 Jun 30 j 19:55	18°Ω20'02		desc. node	-1803 Jun 17 j 16:56	6°Ω23'49	
evening max el	-1804 Jul 08 j 15:41	27°Ω03'59	27°24'05	evening max el	-1803 Jun 20 j 23:40	9°Ω46'16	27°17'00
	-1804 Jul 12 j 00:14	0°Ω		retrograde	-1803 Jul 04 j 20:29	17°Ω06'18	
retrograde	-1804 Jul 22 j 06:23	4°Ω26'00		evening set	-1803 Jul 11 j 23:14	14°Ω42'37	
evening set	-1804 Jul 29 j 10:12	1°Ω43'38		min. Earth dist.	-1803 Jul 15 j 13:26	11°Ω51'55	0.62111 AU
	-1804 Jul 31 j 11:20	30°൬		inferior conj	-1803 Jul 18 j 14:03	9°Ω03'23	-4°11'31
min. Earth dist.	-1804 Aug 02 j 01:27	28°Ω27'10	0.63891 AU	minimum elong	-1803 Jul 18 j 17:42	8°Ω54'53	4°10'55

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning rise	-1803 Jul 25 j 13:32	4°☿02'05		direct	-1802 Jul 10 j 22:58	16°♄48'34	
direct	-1803 Jul 28 j 02:18	3°☿33'54		morning max el	-1802 Jul 18 j 08:50	20°♄24'19	18°13'31
asc. node	-1803 Aug 03 j 18:26	6°☿52'28		asc. node	-1802 Jul 21 j 15:29	24°♄08'34	
morning max el	-1803 Aug 03 j 21:33	7°☿00'03	17°56'03		-1802 Jul 25 j 14:26	0°☿	
	-1803 Aug 18 j 18:27	0°♄		morning set	-1802 Aug 03 j 08:21	15°☿44'42	
morning set	-1803 Aug 20 j 00:55	2°♄17'34			-1802 Aug 10 j 23:10	0°♄	
superior conj	-1803 Aug 30 j 22:24	21°♄35'50	1°21'48	superior conj	-1802 Aug 12 j 21:28	3°♄31'04	1°40'48
minimum elong	-1803 Aug 31 j 03:25	21°♄57'20	1°21'20	minimum elong	-1802 Aug 13 j 00:23	3°♄44'15	1°40'39
	-1803 Sep 04 j 21:47	0°♄		max. Earth dist.	-1802 Aug 20 j 11:16	16°♄48'40	1.41010 AU
max. Earth dist.	-1803 Sep 07 j 03:45	3°♄42'29	1.42785 AU	evening rise	-1802 Aug 25 j 11:40	25°♄09'46	
desc. node	-1803 Sep 13 j 16:20	14°♄10'46			-1802 Aug 28 j 11:42	0°♄	
evening rise	-1803 Sep 14 j 11:22	15°♄25'33		desc. node	-1802 Aug 31 j 13:20	4°♄49'55	
	-1803 Sep 23 j 23:53	0°♄			-1802 Sep 17 j 20:08	0°♄	
evening max el	-1803 Oct 15 j 20:29	29°♄22'45	21°40'57	evening max el	-1802 Sep 28 j 12:14	12°♄50'50	22°59'38
	-1803 Oct 16 j 11:23	0°♄		retrograde	-1802 Oct 08 j 14:18	18°♄49'33	
retrograde	-1803 Oct 24 j 20:15	4°♄43'15		evening set	-1802 Oct 13 j 09:46	16°♄50'50	
evening set	-1803 Oct 29 j 02:29	3°♄03'13		asc. node	-1802 Oct 17 j 14:38	12°♄04'05	
asc. node	-1803 Oct 30 j 17:34	1°♄31'57		inferior conj	-1802 Oct 18 j 17:44	10°♄31'16	0°23'20
	-1803 Nov 01 j 01:17	30°♄		minimum elong	-1802 Oct 18 j 17:12	10°♄33'10	0°23'06
inferior conj	-1803 Nov 03 j 10:52	26°♄48'09	1°15'23	min. Earth dist.	-1802 Oct 18 j 12:03	10°♄50'52	0.67554 AU
minimum elong	-1803 Nov 03 j 09:12	26°♄53'53	1°14'42	morning rise	-1802 Oct 24 j 00:31	4°♄20'15	
min. Earth dist.	-1803 Nov 03 j 15:36	26°♄31'45	0.67435 AU	direct	-1802 Oct 28 j 08:40	2°♄36'54	
morning rise	-1803 Nov 08 j 15:44	20°♄34'19		morning max el	-1802 Nov 06 j 07:16	7°♄53'14	21°42'03
direct	-1803 Nov 13 j 14:27	18°♄28'38			-1802 Nov 23 j 05:40	0°♄	
morning max el	-1803 Nov 23 j 17:24	24°♄30'17	23°06'38	desc. node	-1802 Nov 27 j 12:42	6°♄21'22	
	-1803 Nov 28 j 15:01	0°♄		morning set	-1802 Dec 08 j 04:20	22°♄09'40	
desc. node	-1803 Dec 10 j 15:39	16°♄11'56			-1802 Dec 12 j 15:33	0°♄	
	-1803 Dec 19 j 20:07	0°♄		max. Earth dist.	-1802 Dec 14 j 20:33	3°♄38'00	1.41721 AU
morning set	-1803 Dec 28 j 08:42	13°♄43'18		superior conj	-1802 Dec 22 j 10:15	16°♄30'33	-1°57'36
max. Earth dist.	-1802 Jan 01 j 20:09	21°♄18'53	1.39692 AU	minimum elong	-1802 Dec 22 j 08:29	16°♄22'51	1°57'36
	-1802 Jan 06 j 18:18	0°♄			-1802 Dec 29 j 23:25	0°♄	
superior conj	-1802 Jan 09 j 12:49	5°♄02'56	-1°56'54	evening rise	-1801 Jan 02 j 05:20	5°♄56'48	
minimum elong	-1802 Jan 09 j 14:29	5°♄10'35	1°56'53	asc. node	-1801 Jan 13 j 13:52	25°♄40'50	
evening rise	-1802 Jan 19 j 00:59	23°♄02'53			-1801 Jan 16 j 18:02	0°♄	
	-1802 Jan 22 j 16:48	0°♄		evening max el	-1801 Jan 18 j 16:24	2°♄07'25	18°10'48
asc. node	-1802 Jan 26 j 16:50	7°♄13'36		retrograde	-1801 Jan 25 j 13:08	5°♄36'05	
evening max el	-1802 Feb 04 j 07:38	19°♄13'07	18°31'33	evening set	-1801 Jan 28 j 04:24	5°♄05'58	
retrograde	-1802 Feb 11 j 22:23	22°♄56'36		inferior conj	-1801 Feb 04 j 00:06	0°♄14'17	3°52'44
evening set	-1802 Feb 14 j 09:45	22°♄34'20		minimum elong	-1801 Feb 04 j 01:16	0°♄11'35	3°52'39
inferior conj	-1802 Feb 21 j 20:31	18°♄04'14	3°25'13		-1801 Feb 04 j 06:18	30°♄	
minimum elong	-1802 Feb 22 j 00:09	17°♄57'02	3°24'35	min. Earth dist.	-1801 Feb 07 j 06:00	27°♄16'54	0.60556 AU
min. Earth dist.	-1802 Feb 25 j 06:24	15°♄23'45	0.58503 AU	morning rise	-1801 Feb 10 j 20:31	24°♄31'34	
morning rise	-1802 Mar 01 j 12:07	12°♄41'11		direct	-1801 Feb 17 j 14:45	22°♄21'30	
direct	-1802 Mar 07 j 12:49	11°♄08'30		desc. node	-1801 Feb 23 j 11:50	23°♄51'05	
desc. node	-1802 Mar 08 j 14:45	11°♄11'27			-1801 Mar 03 j 16:59	0°♄	
morning max el	-1802 Mar 21 j 20:08	18°♄43'33	26°38'12	morning max el	-1801 Mar 03 j 19:29	0°♄06'06	27°29'50
	-1802 Mar 31 j 07:47	0°♄			-1801 Mar 25 j 06:45	0°♄	
	-1802 Apr 17 j 20:40	0°♄		morning set	-1801 Apr 04 j 15:15	19°♄47'54	
morning set	-1802 Apr 20 j 07:31	5°♄02'46			-1801 Apr 09 j 10:39	0°♄	
asc. node	-1802 Apr 24 j 16:12	14°♄23'10		max. Earth dist.	-1801 Apr 10 j 23:55	3°♄22'44	1.32486 AU
superior conj	-1802 Apr 27 j 08:26	20°♄14'34	0°27'54	superior conj	-1801 Apr 11 j 19:53	5°♄11'52	0°02'57
minimum elong	-1802 Apr 27 j 07:13	20°♄07'56	0°27'40	minimum elong	-1801 Apr 11 j 19:45	5°♄11'08	0°02'55
max. Earth dist.	-1802 Apr 27 j 11:02	20°♄28'48	1.32492 AU	behind sun begin	-1801 Apr 11 j 14:47	4°♄43'59	
	-1802 May 01 j 19:58	0°♄		behind sun end	-1801 Apr 12 j 00:43	5°♄38'18	
evening rise	-1802 May 04 j 07:49	5°♄17'20		asc. node	-1801 Apr 11 j 13:14	4°♄35'28	
	-1802 May 17 j 12:18	0°♄		evening rise	-1801 Apr 18 j 18:15	20°♄12'42	
evening max el	-1802 Jun 03 j 02:17	21°♄48'38	26°36'54		-1801 Apr 23 j 13:37	0°♄	
desc. node	-1802 Jun 04 j 13:56	23°♄10'11			-1801 May 12 j 22:14	0°♄	
retrograde	-1802 Jun 17 j 02:39	29°♄05'09		evening max el	-1801 May 15 j 22:05	3°♄06'12	25°27'12
evening set	-1802 Jun 23 j 17:26	27°♄13'08		desc. node	-1801 May 22 j 10:58	8°♄07'01	
min. Earth dist.	-1802 Jun 27 j 15:37	24°♄33'51	0.60107 AU	retrograde	-1801 May 29 j 23:17	10°♄17'16	
inferior conj	-1802 Jun 30 j 23:47	21°♄51'32	-4°31'58	evening set	-1801 Jun 04 j 13:23	9°♄03'56	
minimum elong	-1802 Jul 01 j 01:06	21°♄48'52	4°31'52	min. Earth dist.	-1801 Jun 09 j 10:05	6°♄18'35	0.58083 AU
morning rise	-1802 Jul 08 j 10:44	17°♄12'04		inferior conj	-1801 Jun 12 j 15:15	4°♄03'24	-4°26'11

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1801 Jun 12 j 12:38	4° Π 08'02	4°25'56	inferior conj	-1800 May 23 j 10:31	15° \mathcal{B} 32'27	-3°42'35
	-1801 Jun 19 j 19:30	30° \mathcal{R} \mathcal{B}		minimum elong	-1800 May 23 j 04:20	15° \mathcal{B} 42'02	3°41'16
morning rise	-1801 Jun 20 j 14:36	29° \mathcal{B} 46'02		morning rise	-1800 May 31 j 22:41	11° \mathcal{B} 32'05	
direct	-1801 Jun 23 j 03:20	29° \mathcal{B} 26'12		direct	-1800 Jun 03 j 12:22	11° \mathcal{B} 14'57	
	-1801 Jun 26 j 08:13	0° Π		morning max el	-1800 Jun 13 j 09:38	15° \mathcal{B} 49'31	19°49'51
morning max el	-1801 Jul 01 j 13:46	3° Π 23'53	18°51'18		-1800 Jun 23 j 18:48	0° Π	
asc. node	-1801 Jul 08 j 12:33	12° Π 16'55		asc. node	-1800 Jun 24 j 09:37	1° Π 05'18	
morning set	-1801 Jul 18 j 02:50	29° Π 45'19		morning set	-1800 Jul 01 j 05:05	14° Π 10'47	
	-1801 Jul 18 j 05:50	0° \mathcal{E}					
				superior conj	-1800 Jul 09 j 03:07	0° \mathcal{E} 10'56	1°45'52
superior conj	-1801 Jul 26 j 16:52	16° \mathcal{E} 28'02	1°47'59	minimum elong	-1800 Jul 09 j 01:53	0° \mathcal{E} 04'51	1°45'51
minimum elong	-1801 Jul 26 j 17:25	16° \mathcal{E} 30'40	1°48'00		-1800 Jul 09 j 00:55	0° \mathcal{E}	
max. Earth dist.	-1801 Aug 02 j 14:18	29° \mathcal{E} 11'00	1.39029 AU	max. Earth dist.	-1800 Jul 14 j 17:35	11° \mathcal{E} 02'53	1.37106 AU
	-1801 Aug 03 j 01:19	0° Ω		evening rise	-1800 Jul 18 j 14:36	18° \mathcal{E} 11'55	
evening rise	-1801 Aug 06 j 13:03	6° Ω 05'22			-1800 Jul 25 j 09:51	0° Ω	
desc. node	-1801 Aug 18 j 10:20	25° Ω 19'38		desc. node	-1800 Aug 04 j 07:21	15° Ω 34'40	
	-1801 Aug 21 j 12:54	0° \mathcal{M}			-1800 Aug 14 j 18:11	0° \mathcal{M}	
evening max el	-1801 Sep 11 j 00:23	26° \mathcal{M} 21'21	24°19'47	evening max el	-1800 Aug 23 j 11:26	9° \mathcal{M} 54'57	25°34'08
	-1801 Sep 15 j 03:58	0° \mathcal{L}		retrograde	-1800 Sep 04 j 15:12	16° \mathcal{M} 54'53	
retrograde	-1801 Sep 22 j 04:54	2° \mathcal{L} 55'04		evening set	-1800 Sep 10 j 15:54	14° \mathcal{M} 21'20	
evening set	-1801 Sep 27 j 14:52	0° \mathcal{L} 37'42		min. Earth dist.	-1800 Sep 15 j 00:31	9° \mathcal{M} 30'53	0.66847 AU
	-1801 Sep 28 j 07:21	30° \mathcal{R} \mathcal{M}		inferior conj	-1800 Sep 16 j 03:33	8° \mathcal{M} 03'47	-1°25'33
inferior conj	-1801 Oct 02 j 23:54	24° \mathcal{M} 17'17	-0°30'50	minimum elong	-1800 Sep 16 j 05:39	7° \mathcal{M} 57'04	1°24'41
minimum elong	-1801 Oct 03 j 00:39	24° \mathcal{M} 14'47	0°30'30	asc. node	-1800 Sep 20 j 08:49	3° \mathcal{M} 13'43	
min. Earth dist.	-1801 Oct 02 j 07:50	25° \mathcal{M} 11'21	0.67358 AU	morning rise	-1800 Sep 21 j 19:33	2° \mathcal{M} 06'30	
asc. node	-1801 Oct 04 j 11:43	22° \mathcal{M} 18'48		direct	-1800 Sep 25 j 03:51	1° \mathcal{M} 01'44	
morning rise	-1801 Oct 08 j 10:26	18° \mathcal{M} 11'42		morning max el	-1800 Oct 02 j 08:30	5° \mathcal{M} 07'25	19°24'07
direct	-1801 Oct 12 j 05:35	16° \mathcal{M} 49'10			-1800 Oct 20 j 02:59	0° \mathcal{L}	
morning max el	-1801 Oct 20 j 04:11	21° \mathcal{M} 25'53	20°26'33	morning set	-1800 Oct 26 j 05:06	9° \mathcal{L} 27'02	
	-1801 Oct 27 j 05:51	0° \mathcal{L}		desc. node	-1800 Oct 31 j 06:45	17° \mathcal{L} 21'31	
desc. node	-1801 Nov 14 j 09:44	26° \mathcal{L} 46'20			-1800 Nov 08 j 07:56	0° \mathcal{M}	
	-1801 Nov 16 j 11:58	0° \mathcal{M}		max. Earth dist.	-1800 Nov 08 j 18:11	0° \mathcal{M} 40'32	1.44516 AU
morning set	-1801 Nov 17 j 03:39	1° \mathcal{M} 00'45					
max. Earth dist.	-1801 Nov 27 j 04:18	16° \mathcal{M} 50'00	1.43398 AU	superior conj	-1800 Nov 11 j 23:07	5° \mathcal{M} 45'55	-1°10'56
				minimum elong	-1800 Nov 11 j 15:31	5° \mathcal{M} 15'37	1°10'06
superior conj	-1801 Dec 03 j 06:04	26° \mathcal{M} 44'52	-1°43'08	evening rise	-1800 Nov 26 j 09:25	29° \mathcal{M} 16'14	
minimum elong	-1801 Dec 02 j 23:59	26° \mathcal{M} 19'40	1°42'43		-1800 Nov 26 j 19:56	0° \mathcal{L}	
	-1801 Dec 05 j 04:56	0° \mathcal{L}		evening max el	-1800 Dec 15 j 16:49	28° \mathcal{L} 38'43	18°27'17
evening rise	-1801 Dec 15 j 17:41	18° \mathcal{L} 04'30		asc. node	-1800 Dec 17 j 08:01	0° \mathcal{Z} 09'01	
	-1801 Dec 22 j 14:19	0° \mathcal{Z}			-1800 Dec 17 j 03:40	0° \mathcal{Z}	
asc. node	-1801 Dec 31 j 10:57	13° \mathcal{Z} 23'53		retrograde	-1800 Dec 22 j 06:40	2° \mathcal{Z} 15'53	
evening max el	-1800 Jan 02 j 04:24	15° \mathcal{Z} 18'25	18°09'38	evening set	-1800 Dec 25 j 06:16	1° \mathcal{Z} 27'03	
retrograde	-1800 Jan 08 j 17:25	18° \mathcal{Z} 45'50			-1800 Dec 27 j 07:48	30° \mathcal{R} \mathcal{L}	
evening set	-1800 Jan 11 j 12:27	18° \mathcal{Z} 06'58		inferior conj	-1800 Dec 31 j 05:20	25° \mathcal{L} 55'56	3°37'37
inferior conj	-1800 Jan 17 j 20:23	12° \mathcal{Z} 54'36	3°54'22	minimum elong	-1800 Dec 31 j 02:55	26° \mathcal{L} 02'55	3°37'12
minimum elong	-1800 Jan 17 j 19:21	12° \mathcal{Z} 57'18	3°54'17	min. Earth dist.	-1799 Jan 02 j 08:21	23° \mathcal{L} 28'45	0.64256 AU
min. Earth dist.	-1800 Jan 20 j 14:19	10° \mathcal{Z} 03'32	0.62538 AU	morning rise	-1799 Jan 05 j 23:04	19° \mathcal{L} 52'09	
morning rise	-1800 Jan 24 j 01:18	6° \mathcal{Z} 59'06		direct	-1799 Jan 12 j 20:54	17° \mathcal{L} 00'49	
direct	-1800 Jan 31 j 02:01	4° \mathcal{Z} 20'59		morning max el	-1799 Jan 26 j 09:32	24° \mathcal{L} 47'03	27°24'52
desc. node	-1800 Feb 10 j 08:54	8° \mathcal{Z} 52'41		desc. node	-1799 Jan 27 j 05:58	25° \mathcal{L} 38'52	
morning max el	-1800 Feb 14 j 00:48	12° \mathcal{Z} 10'03	27°45'14		-1799 Jan 31 j 04:06	0° \mathcal{Z}	
	-1800 Feb 28 j 05:32	0° \approx			-1799 Feb 20 j 15:11	0° \approx	
	-1800 Mar 16 j 14:47	0° \mathcal{H}		morning set	-1799 Mar 02 j 12:26	18° \approx 12'53	
morning set	-1800 Mar 18 j 17:49	4° \mathcal{H} 14'32		max. Earth dist.	-1799 Mar 07 j 10:25	28° \approx 09'14	1.33615 AU
max. Earth dist.	-1800 Mar 24 j 09:05	16° \mathcal{H} 00'46	1.32848 AU		-1799 Mar 08 j 07:42	0° \mathcal{H}	
superior conj	-1800 Mar 26 j 05:32	20° \mathcal{H} 00'06	-0°23'00	superior conj	-1799 Mar 10 j 11:27	4° \mathcal{H} 32'36	-0°48'54
minimum elong	-1800 Mar 26 j 06:36	20° \mathcal{H} 05'53	0°22'47	minimum elong	-1799 Mar 10 j 13:42	4° \mathcal{H} 44'30	0°48'29
asc. node	-1800 Mar 28 j 10:17	24° \mathcal{H} 46'14		asc. node	-1799 Mar 15 j 07:20	14° \mathcal{H} 50'57	
	-1800 Mar 30 j 20:15	0° \mathcal{Y}		evening rise	-1799 Mar 17 j 17:12	19° \mathcal{H} 57'02	
evening rise	-1800 Apr 02 j 05:59	5° \mathcal{Y} 08'14			-1799 Mar 22 j 16:19	0° \mathcal{Y}	
	-1800 Apr 15 j 14:38	0° \mathcal{B}		evening max el	-1799 Apr 08 j 06:24	24° \mathcal{Y} 30'58	22°23'18
evening max el	-1800 Apr 26 j 13:25	13° \mathcal{B} 51'23	23°57'54		-1799 Apr 16 j 11:24	0° \mathcal{B}	
desc. node	-1800 May 08 j 08:00	20° \mathcal{B} 37'29		retrograde	-1799 Apr 21 j 05:04	0° \mathcal{B} 51'32	
retrograde	-1800 May 10 j 08:29	20° \mathcal{B} 46'49		evening set	-1799 Apr 24 j 03:25	0° \mathcal{B} 32'39	
evening set	-1800 May 14 j 13:00	20° \mathcal{B} 07'52		desc. node	-1799 Apr 25 j 05:02	0° \mathcal{B} 16'51	
min. Earth dist.	-1800 May 21 j 00:38	17° \mathcal{B} 01'31	0.56359 AU		-1799 Apr 26 j 02:49	30° \mathcal{R} \mathcal{Y}	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

min. Earth dist.	-1799 May 02 j 14:14	26° Υ 53'46	0.55286 AU	desc. node	-1798 Apr 12 j 02:06	7° Υ 32'27	
inferior conj	-1799 May 03 j 12:27	26° Υ 22'15	-2°16'01	inferior conj	-1798 Apr 13 j 07:06	6° Υ 51'29	-0°20'31
minimum elong	-1799 May 03 j 06:39	26° Υ 30'29	2°14'10	minimum elong	-1798 Apr 13 j 06:08	6° Υ 52'52	0°20'09
morning rise	-1799 May 12 j 11:37	22° Υ 26'32		min. Earth dist.	-1798 Apr 14 j 03:50	6° Υ 22'01	0.55114 AU
direct	-1799 May 15 j 05:14	22° Υ 09'27		morning rise	-1798 Apr 22 j 10:28	2° Υ 43'04	
morning max el	-1799 May 26 j 18:37	27° Υ 33'47	21°08'08	direct	-1798 Apr 25 j 16:37	2° Υ 20'04	
	-1799 May 29 j 03:55	0° 8		morning max el	-1798 May 08 j 17:07	8° Υ 36'40	22°41'57
asc. node	-1799 Jun 11 j 06:40	20° 8 23'54			-1798 May 23 j 23:11	0° 8	
morning set	-1799 Jun 15 j 12:35	28° 8 54'18		asc. node	-1798 May 29 j 03:42	10° 8 04'26	
	-1799 Jun 16 j 01:19	0° II		morning set	-1798 May 30 j 23:12	13° 8 49'04	
superior conj	-1799 Jun 22 j 23:49	14° II 26'53	1°36'39	superior conj	-1798 Jun 07 j 03:37	29° 8 05'02	1°22'02
minimum elong	-1799 Jun 22 j 21:34	14° II 15'18	1°36'29	minimum elong	-1798 Jun 07 j 01:02	28° 8 51'20	1°21'43
max. Earth dist.	-1799 Jun 27 j 03:34	22° II 52'47	1.35442 AU		-1798 Jun 07 j 13:59	0° II	
	-1799 Jun 30 j 19:18	0° 6		max. Earth dist.	-1798 Jun 09 j 23:22	5° II 01'12	1.34138 AU
evening rise	-1799 Jul 01 j 11:32	1° 6 17'04		evening rise	-1798 Jun 14 j 22:44	15° II 05'34	
	-1799 Jul 18 j 10:29	0° 8			-1798 Jun 22 j 23:05	0° 6	
desc. node	-1799 Jul 22 j 04:21	5° 8 28'21		desc. node	-1798 Jul 09 j 01:22	24° 6 50'36	
evening max el	-1799 Aug 05 j 23:00	23° 8 28'45	26°34'45		-1798 Jul 13 j 03:02	0° 8	
	-1799 Aug 15 j 04:06	0° II		evening max el	-1798 Jul 19 j 10:43	6° 8 52'27	27°13'54
retrograde	-1799 Aug 18 j 20:30	0° II 43'34		retrograde	-1798 Aug 01 j 20:12	14° 8 12'46	
	-1799 Aug 22 j 07:09	30° 8 2		evening set	-1798 Aug 08 j 20:46	11° 8 26'28	
evening set	-1799 Aug 25 j 10:45	27° 8 59'16		min. Earth dist.	-1798 Aug 12 j 15:02	7° 8 50'37	0.64772 AU
min. Earth dist.	-1799 Aug 29 j 11:43	23° 8 46'21	0.65993 AU	inferior conj	-1798 Aug 14 j 19:22	5° 8 25'47	-3°08'49
inferior conj	-1799 Aug 31 j 02:48	21° 8 48'26	-2°18'58	minimum elong	-1798 Aug 14 j 23:31	5° 8 14'15	3°07'34
minimum elong	-1799 Aug 31 j 06:07	21° 8 38'24	2°17'44		-1798 Aug 20 j 22:40	30° 8 2	
morning rise	-1799 Sep 06 j 01:51	16° 8 02'32		morning rise	-1798 Aug 21 j 02:54	29° 6 54'48	
asc. node	-1799 Sep 07 j 05:52	15° 8 30'50		direct	-1798 Aug 23 j 20:43	29° 6 15'02	
direct	-1799 Sep 09 j 01:41	15° 8 11'58		asc. node	-1798 Aug 25 j 02:54	29° 6 23'26	
morning max el	-1799 Sep 15 j 18:53	18° 8 55'30	18°37'14		-1798 Aug 26 j 19:05	0° 8	
	-1799 Sep 24 j 04:19	0° II		morning max el	-1798 Aug 30 j 09:04	2° 8 44'52	18°07'09
morning set	-1799 Oct 06 j 05:20	19° II 04'27		morning set	-1798 Sep 17 j 09:45	0° II 04'18	
	-1799 Oct 13 j 01:34	0° 6			-1798 Sep 17 j 08:43	0° II	
desc. node	-1799 Oct 18 j 03:47	8° 6 03'44		superior conj	-1798 Oct 01 j 06:00	22° II 47'40	0°24'24
superior conj	-1799 Oct 21 j 23:57	14° 6 06'46	-0°24'39	minimum elong	-1798 Oct 01 j 08:54	22° II 59'16	0°24'01
minimum elong	-1799 Oct 21 j 20:41	13° 6 53'56	0°24'14	desc. node	-1798 Oct 05 j 00:48	28° II 49'16	
max. Earth dist.	-1799 Oct 22 j 11:57	14° 6 54'03	1.44945 AU	max. Earth dist.	-1798 Oct 05 j 06:33	29° II 12'03	1.44633 AU
	-1799 Nov 01 j 02:01	0° II			-1798 Oct 05 j 18:41	0° 6	
evening rise	-1799 Nov 07 j 01:14	9° II 27'34		evening rise	-1798 Oct 17 j 18:33	18° 6 44'12	
greatest brilliancy	-1799 Nov 15 j 06:52	22° II 32'57	-0.8m		-1798 Oct 25 j 02:01	0° II	
	-1799 Nov 20 j 01:58	0° 8		greatest brilliancy	-1798 Oct 31 j 00:52	9° II 01'13	-0.7m
evening max el	-1799 Nov 29 j 03:13	12° 8 04'07	19°02'32	evening max el	-1798 Nov 12 j 09:25	25° II 31'22	19°53'47
asc. node	-1799 Dec 04 j 05:04	15° 8 41'47		retrograde	-1798 Nov 19 j 22:22	29° II 55'41	
retrograde	-1799 Dec 06 j 01:16	16° 8 00'38		asc. node	-1798 Nov 21 j 02:05	29° II 48'01	
evening set	-1799 Dec 09 j 06:55	15° 8 00'06		evening set	-1798 Nov 23 j 11:57	28° II 41'24	
inferior conj	-1799 Dec 14 j 23:29	9° 8 12'35	3°07'59	inferior conj	-1798 Nov 29 j 00:00	22° II 40'22	2°29'11
minimum elong	-1799 Dec 14 j 20:33	9° 8 21'47	3°07'12	minimum elong	-1798 Nov 28 j 21:12	22° II 49'40	2°28'14
min. Earth dist.	-1799 Dec 16 j 11:40	7° 8 19'23	0.65619 AU	min. Earth dist.	-1798 Nov 29 j 22:45	21° II 25'02	0.66600 AU
morning rise	-1799 Dec 20 j 09:54	3° 8 03'16		morning rise	-1798 Dec 04 j 06:15	16° II 27'35	
direct	-1799 Dec 26 j 22:06	0° 8 13'25		direct	-1798 Dec 10 j 04:49	13° II 50'25	
morning max el	-1798 Jan 08 j 19:01	7° 8 45'49	26°34'10	morning max el	-1798 Dec 22 j 03:54	20° II 56'16	25°21'37
desc. node	-1798 Jan 14 j 03:02	13° 8 39'53			-1798 Dec 30 j 00:38	0° 8	
	-1798 Jan 26 j 03:54	0° 6		desc. node	-1797 Jan 01 j 00:06	2° 8 33'55	
	-1798 Feb 13 j 00:01	0° 6			-1797 Jan 19 j 08:42	0° 6	
morning set	-1798 Feb 13 j 19:30	1° 6 31'42		morning set	-1797 Jan 27 j 10:13	13° 6 57'04	
max. Earth dist.	-1798 Feb 18 j 00:47	9° 6 42'27	1.34828 AU	max. Earth dist.	-1797 Jan 31 j 03:56	20° 6 50'26	1.36484 AU
					-1797 Feb 04 j 22:10	0° 6	
superior conj	-1798 Feb 22 j 11:28	18° 6 42'23	-1°13'31	superior conj	-1797 Feb 06 j 02:46	2° 6 21'19	-1°35'05
minimum elong	-1798 Feb 22 j 14:38	18° 6 58'46	1°13'01	minimum elong	-1797 Feb 06 j 06:17	2° 6 38'51	1°34'42
	-1798 Feb 27 j 21:30	0° 8		evening rise	-1797 Feb 14 j 06:27	18° 6 50'00	
evening rise	-1798 Mar 02 j 02:02	4° 8 33'04		asc. node	-1797 Feb 17 j 01:24	24° 6 23'57	
asc. node	-1798 Mar 02 j 04:22	4° 8 45'11			-1797 Feb 19 j 23:40	0° 8	
	-1798 Mar 16 j 11:32	0° 8		evening max el	-1797 Mar 03 j 18:35	17° 8 06'55	19°44'47
evening max el	-1798 Mar 21 j 07:08	5° 8 31'23	20°56'13	retrograde	-1797 Mar 13 j 12:39	21° 8 46'23	
retrograde	-1798 Apr 01 j 18:09	11° 8 01'43		evening set	-1797 Mar 15 j 17:43	21° 8 33'06	
evening set	-1798 Apr 04 j 01:13	10° 8 49'20					

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

inferior conj	-1797 Mar 24 j 08:51	17° K 30'20	1°31'47			-1796 Mar 02 j 07:35	30° R	
minimum elong	-1797 Mar 24 j 12:30	17° K 24'37	1°30'36	inferior conj	-1796 Mar 04 j 04:19	28° A 40'57	2°54'24	
min. Earth dist.	-1797 Mar 26 j 18:01	16° K 01'16	0.55876 AU	minimum elong	-1796 Mar 04 j 08:52	28° A 32'43	2°53'19	
desc. node	-1797 Mar 29 j 23:09	14° K 13'00		min. Earth dist.	-1796 Mar 07 j 10:10	26° A 21'03	0.57399 AU	
morning rise	-1797 Apr 02 j 04:56	12° K 53'45		morning rise	-1796 Mar 12 j 07:23	23° A 32'33		
direct	-1797 Apr 06 j 10:23	12° K 14'00		desc. node	-1796 Mar 15 j 20:13	22° A 30'32		
morning max el	-1797 Apr 20 j 09:05	19° K 13'07	24°22'07	direct	-1796 Mar 17 j 17:11	22° A 21'57		
	-1797 Apr 29 j 09:24	0° Y		morning max el	-1796 Apr 01 j 00:25	29° A 48'29	25°54'36	
morning set	-1797 May 15 j 11:13	28° Y 49'26			-1796 Apr 01 j 05:10	0° K		
asc. node	-1797 May 16 j 00:44	0° B 00'45			-1796 Apr 22 j 00:26	0° Y		
	-1797 May 16 j 00:36	0° B		morning set	-1796 Apr 28 j 22:55	13° Y 48'41		
				asc. node	-1796 May 01 j 21:47	20° Y 06'46		
superior conj	-1797 May 22 j 12:01	13° B 57'32	1°03'20					
minimum elong	-1797 May 22 j 09:39	13° B 44'45	1°02'57	superior conj	-1796 May 05 j 22:59	28° Y 56'45	0°41'32	
max. Earth dist.	-1797 May 24 j 04:08	17° B 33'44	1.33213 AU	minimum elong	-1796 May 05 j 21:15	28° Y 47'20	0°41'12	
evening rise	-1797 May 29 j 20:07	29° B 25'13			-1796 May 06 j 10:33	0° B		
	-1797 May 30 j 03:00	0° II		max. Earth dist.	-1796 May 06 j 14:44	0° B 22'53	1.32648 AU	
	-1797 Jun 16 j 01:27	0° E		evening rise	-1796 May 13 j 00:27	14° B 05'08		
desc. node	-1797 Jun 25 j 22:21	13° E 28'08			-1796 May 21 j 04:32	0° II		
evening max el	-1797 Jul 01 j 20:40	19° E 53'09	27°24'56		-1796 Jun 10 j 19:24	0° E		
retrograde	-1797 Jul 15 j 13:52	27° E 13'57		desc. node	-1796 Jun 11 j 19:22	1° E 02'12		
evening set	-1797 Jul 22 j 18:37	24° E 37'38		evening max el	-1796 Jun 13 j 02:22	2° E 18'30	27°03'51	
min. Earth dist.	-1797 Jul 26 j 08:40	21° E 33'47	0.63183 AU	retrograde	-1796 Jun 27 j 00:56	9° E 37'52		
inferior conj	-1797 Jul 29 j 02:32	18° E 50'01	-3°51'49	evening set	-1796 Jul 04 j 00:14	7° E 25'50		
minimum elong	-1797 Jul 29 j 06:44	18° E 39'31	3°50'53	min. Earth dist.	-1796 Jul 07 j 16:11	4° E 42'21	0.61278 AU	
morning rise	-1797 Aug 04 j 19:54	13° E 37'14		inferior conj	-1796 Jul 10 j 21:06	1° E 53'40	-4°22'44	
direct	-1797 Aug 07 j 09:57	13° E 05'29		minimum elong	-1796 Jul 10 j 23:59	1° E 47'18	4°22'21	
asc. node	-1797 Aug 11 j 23:57	14° E 46'15			-1796 Jul 13 j 02:31	30° R II		
morning max el	-1797 Aug 14 j 00:25	16° E 30'06	17°54'47	morning rise	-1796 Jul 18 j 01:24	27° II 01'51		
	-1797 Aug 23 j 13:35	0° O		direct	-1796 Jul 20 j 13:42	26° II 35'55		
morning set	-1797 Aug 30 j 14:23	12° O 13'19		morning max el	-1796 Jul 27 j 14:06	0° E 04'39	18°01'05	
	-1797 Sep 09 j 21:23	0° P			-1796 Jul 27 j 12:10	0° E		
				asc. node	-1796 Jul 28 j 21:02	1° E 25'33		
superior conj	-1797 Sep 11 j 11:13	2° P 38'30	1°04'43	morning set	-1796 Aug 12 j 13:34	25° E 15'52		
minimum elong	-1797 Sep 11 j 16:35	3° P 00'52	1°04'06		-1796 Aug 15 j 03:19	0° O		
max. Earth dist.	-1797 Sep 17 j 22:22	13° P 14'10	1.43627 AU					
desc. node	-1797 Sep 21 j 21:47	19° P 34'53		superior conj	-1796 Aug 22 j 20:04	13° O 51'32	1°31'28	
evening rise	-1797 Sep 27 j 00:16	27° P 33'54		minimum elong	-1796 Aug 23 j 00:19	14° O 10'11	1°31'07	
	-1797 Sep 28 j 14:08	0° A		max. Earth dist.	-1796 Aug 30 j 08:39	26° O 42'30	1.42068 AU	
	-1797 Oct 19 j 00:25	0° M			-1796 Sep 01 j 08:34	0° P		
evening max el	-1797 Oct 26 j 09:56	8° M 58'16	20°58'42	evening rise	-1796 Sep 05 j 13:08	6° P 45'40		
retrograde	-1797 Nov 03 j 19:43	13° M 57'21		desc. node	-1796 Sep 07 j 18:46	10° P 17'32		
evening set	-1797 Nov 07 j 19:16	12° M 27'11			-1796 Sep 20 j 20:24	0° A		
asc. node	-1797 Nov 07 j 23:07	12° M 19'42		evening max el	-1796 Oct 08 j 04:32	22° A 25'33	22°13'48	
inferior conj	-1797 Nov 13 j 04:31	6° M 15'59	1°43'45	retrograde	-1796 Oct 17 j 15:30	28° A 03'04		
minimum elong	-1797 Nov 13 j 02:20	6° M 23'28	1°42'53	evening set	-1796 Oct 22 j 03:05	26° A 15'14		
min. Earth dist.	-1797 Nov 13 j 15:26	5° M 38'38	0.67223 AU	asc. node	-1796 Oct 24 j 20:11	23° A 26'49		
morning rise	-1797 Nov 18 j 09:15	0° M 01'49		inferior conj	-1796 Oct 27 j 11:05	19° A 57'33	0°53'40	
	-1797 Nov 18 j 10:04	30° R II		minimum elong	-1796 Oct 27 j 09:52	20° A 01'46	0°53'09	
direct	-1797 Nov 23 j 16:34	27° A 43'54		min. Earth dist.	-1796 Oct 27 j 11:20	19° A 56'43	0.67519 AU	
	-1797 Nov 29 j 16:12	0° M		morning rise	-1796 Nov 01 j 16:31	13° A 44'24		
morning max el	-1797 Dec 04 j 12:36	4° M 11'32	23°56'56	direct	-1796 Nov 06 j 08:46	11° A 48'24		
desc. node	-1797 Dec 18 j 21:09	22° M 05'11		morning max el	-1796 Nov 15 j 23:35	17° A 31'06	22°29'51	
	-1797 Dec 24 j 08:12	0° X			-1796 Nov 26 j 06:07	0° M		
morning set	-1796 Jan 09 j 02:29	25° X 12'06		desc. node	-1796 Dec 04 j 18:11	12° M 03'13		
	-1796 Jan 11 j 20:46	0° Z			-1796 Dec 16 j 11:13	0° X		
max. Earth dist.	-1796 Jan 12 j 23:57	2° Z 00'12	1.38477 AU	morning set	-1796 Dec 19 j 14:44	5° X 04'18		
				max. Earth dist.	-1796 Dec 24 j 20:23	13° X 46'13	1.40578 AU	
superior conj	-1796 Jan 20 j 05:38	15° Z 18'38	-1°51'16					
minimum elong	-1796 Jan 20 j 08:26	15° Z 31'55	1°51'08	superior conj	-1795 Jan 01 j 15:24	27° X 23'03	-1°58'46	
	-1796 Jan 27 j 19:19	0° A		minimum elong	-1795 Jan 01 j 15:49	27° X 24'58	1°58'49	
evening rise	-1796 Jan 29 j 03:59	2° A 40'15			-1795 Jan 03 j 02:05	0° Z		
asc. node	-1796 Feb 03 j 22:26	13° A 40'48		evening rise	-1795 Jan 11 j 15:39	15° Z 57'03		
evening max el	-1796 Feb 14 j 16:14	29° A 17'59	18°52'29		-1795 Jan 19 j 07:57	0° A		
	-1796 Feb 15 j 10:31	0° K		asc. node	-1795 Jan 20 j 19:28	2° A 28'47		
retrograde	-1796 Feb 22 j 22:54	3° K 17'39		evening max el	-1795 Jan 27 j 21:50	11° A 59'13	18°20'17	
evening set	-1796 Feb 25 j 07:31	2° K 59'30		retrograde	-1795 Feb 04 j 03:41	15° A 34'35		

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening set	-1795 Feb 06 j 16:40	15° \approx 09'15		evening max el	-1794 Jan 11 j 08:23	25° \approx 01'53	18°08'00
inferior conj	-1795 Feb 13 j 20:39	10° \approx 30'17	3°40'33	retrograde	-1794 Jan 18 j 00:33	28° \approx 28'06	
minimum elong	-1795 Feb 13 j 23:18	10° \approx 24'43	3°40'13	evening set	-1794 Jan 20 j 17:28	27° \approx 54'19	
min. Earth dist.	-1795 Feb 17 j 06:24	7° \approx 39'12	0.59368 AU	inferior conj	-1794 Jan 27 j 07:48	22° \approx 53'53	3°56'04
morning rise	-1795 Feb 21 j 03:44	4° \approx 57'35		minimum elong	-1794 Jan 27 j 07:57	22° \approx 53'32	3°56'02
direct	-1795 Feb 27 j 13:15	3° \approx 08'05		min. Earth dist.	-1794 Jan 30 j 09:22	19° \approx 56'30	0.61429 AU
desc. node	-1795 Mar 02 j 17:19	3° \approx 34'01		morning rise	-1794 Feb 02 j 21:07	17° \approx 05'18	
morning max el	-1795 Mar 13 j 20:06	10° \approx 48'51	27°04'17	direct	-1794 Feb 09 j 19:39	14° \approx 41'25	
	-1795 Mar 28 j 17:14	0° \approx		desc. node	-1794 Feb 17 j 14:24	17° \approx 18'23	
morning set	-1795 Apr 13 j 08:38	28° \approx 40'40		morning max el	-1794 Feb 23 j 21:56	22° \approx 28'26	27°40'51
	-1795 Apr 13 j 23:48	0° \approx			-1794 Mar 02 j 14:11	0° \approx	
asc. node	-1795 Apr 18 j 18:50	10° \approx 17'59			-1794 Mar 21 j 18:55	0° \approx	
				morning set	-1794 Mar 28 j 14:27	13° \approx 18'55	
superior conj	-1795 Apr 20 j 10:45	13° \approx 56'29	0°17'29	max. Earth dist.	-1794 Apr 03 j 15:25	26° \approx 06'28	1.32590 AU
minimum elong	-1795 Apr 20 j 09:58	13° \approx 52'14	0°17'19				
max. Earth dist.	-1795 Apr 20 j 03:43	13° \approx 17'57	1.32439 AU	superior conj	-1794 Apr 04 j 21:40	28° \approx 51'02	-0°08'01
evening rise	-1795 Apr 27 j 09:17	28° \approx 56'57		minimum elong	-1794 Apr 04 j 22:02	28° \approx 53'03	0°07'56
	-1795 Apr 27 j 21:20	0° \approx		behind sun begin	-1794 Apr 04 j 17:37	28° \approx 28'55	
	-1795 May 14 j 15:05	0° \approx		behind sun end	-1794 Apr 05 j 02:28	29° \approx 17'11	
evening max el	-1795 May 26 j 02:00	14° \approx 00'58	26°10'30		-1794 Apr 05 j 10:19	0° \approx	
desc. node	-1795 May 29 j 16:25	17° \approx 06'05		asc. node	-1794 Apr 05 j 15:53	0° \approx 30'23	
retrograde	-1795 Jun 09 j 03:44	21° \approx 16'30		evening rise	-1794 Apr 11 j 20:31	13° \approx 53'36	
evening set	-1795 Jun 15 j 09:13	19° \approx 40'45			-1794 Apr 20 j 00:02	0° \approx	
min. Earth dist.	-1795 Jun 19 j 14:55	17° \approx 00'46	0.59221 AU	evening max el	-1794 May 07 j 19:40	25° \approx 03'35	24°50'57
inferior conj	-1795 Jun 22 j 23:25	14° \approx 27'15	-4°33'29		-1794 May 14 j 06:39	0° \approx	
minimum elong	-1795 Jun 22 j 23:12	14° \approx 27'40	4°33'26	desc. node	-1794 May 16 j 13:28	1° \approx 05'41	
morning rise	-1795 Jun 30 j 15:33	9° \approx 57'24		retrograde	-1794 May 21 j 19:36	2° \approx 09'15	
direct	-1795 Jul 03 j 03:43	9° \approx 35'43		evening set	-1794 May 26 j 19:47	1° \approx 12'07	
morning max el	-1795 Jul 10 j 23:04	13° \approx 19'36	18°27'05		-1794 May 29 j 11:19	30° \approx	
asc. node	-1795 Jul 15 j 18:07	19° \approx 05'28		min. Earth dist.	-1794 Jun 01 j 07:31	28° \approx 19'17	0.57286 AU
	-1795 Jul 22 j 07:54	0° \approx		inferior conj	-1794 Jun 04 j 06:26	26° \approx 22'06	-4°12'58
morning set	-1795 Jul 27 j 02:11	8° \approx 58'23		minimum elong	-1794 Jun 04 j 02:02	26° \approx 29'25	4°12'21
				morning rise	-1794 Jun 12 j 11:09	22° \approx 12'33	
superior conj	-1795 Aug 05 j 04:30	26° \approx 15'01	1°45'08	direct	-1794 Jun 15 j 00:13	21° \approx 53'58	
minimum elong	-1795 Aug 05 j 06:22	26° \approx 23'42	1°45'05	morning max el	-1794 Jun 24 j 00:23	26° \approx 05'54	19°13'41
	-1795 Aug 07 j 05:33	0° \approx			-1794 Jun 27 j 13:05	0° \approx	
max. Earth dist.	-1795 Aug 12 j 13:28	9° \approx 27'58	1.40173 AU	asc. node	-1794 Jul 02 j 15:11	7° \approx 32'34	
evening rise	-1795 Aug 16 j 23:47	16° \approx 59'26		morning set	-1794 Jul 11 j 00:23	23° \approx 11'09	
	-1795 Aug 25 j 02:01	0° \approx			-1794 Jul 14 j 10:29	0° \approx	
desc. node	-1795 Aug 25 j 15:46	0° \approx 53'16					
	-1795 Sep 15 j 10:52	0° \approx		superior conj	-1794 Jul 19 j 06:50	9° \approx 33'29	1°48'04
evening max el	-1795 Sep 20 j 18:30	5° \approx 54'46	23°34'00	minimum elong	-1794 Jul 19 j 06:33	9° \approx 32'05	1°48'06
retrograde	-1795 Oct 01 j 08:15	12° \approx 09'22		max. Earth dist.	-1794 Jul 25 j 16:09	21° \approx 36'08	1.38193 AU
evening set	-1795 Oct 06 j 09:38	10° \approx 02'53		evening rise	-1794 Jul 29 j 12:00	28° \approx 27'06	
inferior conj	-1795 Oct 11 j 17:54	3° \approx 42'29	0°00'32		-1794 Jul 30 j 09:18	0° \approx	
minimum elong	-1795 Oct 11 j 17:53	3° \approx 42'32	0°00'32	desc. node	-1794 Aug 12 j 12:47	21° \approx 17'51	
transit middle	-1795 Oct 11 j 17:53	3° \approx 42'32	0°00'32		-1794 Aug 18 j 11:43	0° \approx	
transit begin	-1795 Oct 11 j 15:10	3° \approx 51'48		evening max el	-1794 Sep 03 j 06:08	19° \approx 27'52	24°52'35
transit end	-1795 Oct 11 j 20:35	3° \approx 33'16		retrograde	-1794 Sep 14 j 20:57	26° \approx 13'15	
min. Earth dist.	-1795 Oct 11 j 07:54	4° \approx 16'41	0.67509 AU	evening set	-1794 Sep 20 j 13:14	23° \approx 48'46	
asc. node	-1795 Oct 11 j 17:16	3° \approx 44'36		min. Earth dist.	-1794 Sep 25 j 02:40	18° \approx 37'22	0.67189 AU
	-1795 Oct 14 j 14:23	30° \approx		inferior conj	-1794 Sep 25 j 23:13	17° \approx 29'21	-0°54'03
morning rise	-1795 Oct 17 j 02:02	27° \approx 33'09		minimum elong	-1794 Sep 26 j 00:32	17° \approx 25'00	0°53'28
direct	-1795 Oct 21 j 04:26	25° \approx 58'48		asc. node	-1794 Sep 28 j 14:21	14° \approx 10'11	
	-1795 Oct 28 j 16:38	0° \approx		morning rise	-1794 Oct 01 j 11:53	11° \approx 26'50	
morning max el	-1795 Oct 29 j 16:09	0° \approx 57'35	21°08'24	direct	-1794 Oct 05 j 02:14	10° \approx 12'04	
	-1795 Nov 20 j 02:13	0° \approx		morning max el	-1794 Oct 12 j 16:12	14° \approx 34'03	19°58'07
desc. node	-1795 Nov 21 j 15:12	2° \approx 19'47			-1794 Oct 24 j 11:27	0° \approx	
morning set	-1795 Nov 28 j 23:36	13° \approx 39'57		morning set	-1794 Nov 07 j 20:41	21° \approx 49'32	
max. Earth dist.	-1795 Dec 06 j 23:21	26° \approx 26'50	1.42496 AU	desc. node	-1794 Nov 08 j 12:12	22° \approx 49'38	
	-1795 Dec 09 j 03:13	0° \approx			-1794 Nov 13 j 02:45	0° \approx	
				max. Earth dist.	-1794 Nov 19 j 10:18	9° \approx 58'35	1.43964 AU
superior conj	-1795 Dec 14 j 02:28	8° \approx 20'42	-1°53'33				
minimum elong	-1795 Dec 13 j 22:49	8° \approx 05'11	1°53'25	superior conj	-1794 Nov 24 j 10:32	18° \approx 02'39	-1°31'37
evening rise	-1795 Dec 25 j 13:40	28° \approx 31'51		minimum elong	-1794 Nov 24 j 03:10	17° \approx 32'44	1°30'58
	-1795 Dec 26 j 09:15	0° \approx			-1794 Dec 01 j 16:18	0° \approx	
asc. node	-1794 Jan 07 j 16:31	20° \approx 38'39		evening rise	-1794 Dec 07 j 17:44	10° \approx 16'38	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1794 Dec 19 j 13:05	0°♄		evening rise	-1793 Nov 18 j 23:39	21°♌04'09	
asc. node	-1794 Dec 25 j 13:35	7°♄58'51			-1793 Nov 24 j 11:01	0°♌	
evening max el	-1794 Dec 25 j 20:55	8°♄17'45	18°14'54	evening max el	-1793 Dec 09 j 08:44	21°♌41'07	18°40'07
retrograde	-1793 Jan 01 j 09:08	11°♄47'46		asc. node	-1793 Dec 12 j 10:38	24°♌15'44	
evening set	-1793 Jan 04 j 06:05	11°♄04'39		retrograde	-1793 Dec 16 j 01:13	25°♌25'38	
inferior conj	-1793 Jan 10 j 09:54	5°♄43'51	3°49'07	evening set	-1793 Dec 19 j 03:11	24°♌31'59	
minimum elong	-1793 Jan 10 j 08:10	5°♄48'35	3°48'54	inferior conj	-1793 Dec 24 j 23:12	18°♌53'15	3°26'22
min. Earth dist.	-1793 Jan 12 j 21:31	3°♄01'35	0.63315 AU	minimum elong	-1793 Dec 24 j 20:28	19°♌01'26	3°25'48
morning rise	-1793 Jan 16 j 09:35	29°♌44'41		min. Earth dist.	-1793 Dec 26 j 19:40	16°♌39'56	0.64881 AU
	-1793 Jan 16 j 01:55	30°♌♌		morning rise	-1793 Dec 30 j 13:22	12°♌46'43	
direct	-1793 Jan 23 j 10:08	26°♌59'18		direct	-1792 Jan 06 j 07:34	9°♌54'44	
	-1793 Jan 31 j 13:14	0°♄		morning max el	-1792 Jan 19 j 14:30	17°♌36'29	27°06'37
desc. node	-1793 Feb 04 j 11:27	3°♄08'47		desc. node	-1792 Jan 22 j 08:29	20°♌30'34	
morning max el	-1793 Feb 06 j 04:53	4°♄47'14	27°40'45		-1792 Jan 30 j 00:50	0°♄	
	-1793 Feb 25 j 06:02	0°♌			-1792 Feb 18 j 02:36	0°♌	
morning set	-1793 Mar 12 j 13:57	27°♌34'33		morning set	-1792 Feb 24 j 04:09	11°♌18'05	
	-1793 Mar 13 j 18:48	0°♌		max. Earth dist.	-1792 Feb 28 j 19:07	20°♌29'33	1.34080 AU
max. Earth dist.	-1793 Mar 17 j 21:50	8°♌34'04	1.33125 AU				
				superior conj	-1792 Mar 03 j 09:37	27°♌57'14	-0°59'36
superior conj	-1793 Mar 20 j 05:56	13°♌33'21	-0°34'04	minimum elong	-1792 Mar 03 j 12:18	28°♌11'21	0°59'07
minimum elong	-1793 Mar 20 j 07:31	13°♌41'51	0°33'45		-1792 Mar 04 j 08:57	0°♌	
asc. node	-1793 Mar 23 j 12:55	20°♌39'13		asc. node	-1792 Mar 09 j 09:57	10°♌40'21	
evening rise	-1793 Mar 27 j 08:14	28°♌47'20		evening rise	-1792 Mar 10 j 18:40	13°♌31'53	
	-1793 Mar 27 j 22:05	0°♌			-1792 Mar 19 j 06:01	0°♌	
	-1793 Apr 14 j 08:08	0°♌		evening max el	-1792 Mar 31 j 06:17	16°♌27'38	21°44'36
evening max el	-1793 Apr 19 j 10:50	5°♌42'38	23°17'27	retrograde	-1792 Apr 12 j 15:20	22°♌28'39	
retrograde	-1793 May 02 j 22:46	12°♌25'17		evening set	-1792 Apr 15 j 05:10	22°♌13'43	
desc. node	-1793 May 03 j 10:33	12°♌24'45		desc. node	-1792 Apr 19 j 07:35	20°♌55'02	
evening set	-1793 May 06 j 13:31	11°♌56'39		inferior conj	-1792 Apr 24 j 14:37	18°♌10'16	-1°28'49
min. Earth dist.	-1793 May 13 j 21:04	8°♌38'18	0.55807 AU	minimum elong	-1792 Apr 24 j 10:32	18°♌16'01	1°27'24
inferior conj	-1793 May 15 j 17:31	7°♌32'54	-3°10'51	min. Earth dist.	-1792 Apr 24 j 10:20	18°♌16'17	0.55097 AU
minimum elong	-1793 May 15 j 10:50	7°♌42'46	3°09'06	morning rise	-1792 May 03 j 16:50	14°♌11'46	
morning rise	-1793 May 24 j 10:50	3°♌36'39		direct	-1792 May 06 j 14:15	13°♌53'18	
direct	-1793 May 27 j 01:50	3°♌19'51		morning max el	-1792 May 18 j 19:57	19°♌39'55	21°46'39
morning max el	-1793 Jun 06 j 15:37	8°♌13'55	20°20'56		-1792 May 27 j 06:38	0°♌	
asc. node	-1793 Jun 19 j 12:13	26°♌34'45		asc. node	-1792 Jun 05 j 09:15	16°♌03'22	
	-1793 Jun 21 j 07:38	0°♌		morning set	-1792 Jun 08 j 14:08	22°♌33'52	
morning set	-1793 Jun 25 j 05:08	7°♌45'08			-1792 Jun 12 j 03:12	0°♌	
superior conj	-1793 Jul 02 j 21:58	23°♌31'36	1°42'42	superior conj	-1792 Jun 15 j 22:00	7°♌57'58	1°31'02
minimum elong	-1793 Jul 02 j 20:13	23°♌22'47	1°42'39	minimum elong	-1792 Jun 15 j 19:33	7°♌45'07	1°30'48
	-1793 Jul 06 j 03:50	0°♌		max. Earth dist.	-1792 Jun 19 j 11:45	15°♌19'58	1.34835 AU
max. Earth dist.	-1793 Jul 07 j 21:56	3°♌24'59	1.36358 AU	evening rise	-1792 Jun 24 j 01:51	24°♌24'25	
evening rise	-1793 Jul 11 j 22:22	10°♌59'47			-1792 Jun 27 j 00:59	0°♌	
	-1793 Jul 22 j 23:04	0°♌			-1792 Jul 15 j 11:44	0°♌	
desc. node	-1793 Jul 30 j 09:49	11°♌24'58		desc. node	-1792 Jul 16 j 06:51	1°♌06'37	
	-1793 Aug 13 j 18:52	0°♌		evening max el	-1792 Jul 29 j 04:49	16°♌32'03	26°54'26
evening max el	-1793 Aug 16 j 17:20	3°♌02'23	26°02'02	retrograde	-1792 Aug 11 j 08:05	23°♌50'47	
retrograde	-1793 Aug 29 j 05:02	10°♌09'25		evening set	-1792 Aug 18 j 03:21	21°♌03'58	
evening set	-1793 Sep 04 j 11:55	7°♌30'17		min. Earth dist.	-1792 Aug 22 j 01:09	17°♌07'24	0.65515 AU
min. Earth dist.	-1793 Sep 08 j 17:10	2°♌55'59	0.66532 AU	inferior conj	-1792 Aug 23 j 21:52	14°♌57'00	-2°40'46
inferior conj	-1793 Sep 10 j 01:14	1°♌15'25	-1°48'27	minimum elong	-1792 Aug 24 j 01:37	14°♌46'04	2°39'28
minimum elong	-1793 Sep 10 j 03:52	1°♌07'08	1°47'25	morning rise	-1792 Aug 30 j 00:24	9°♌17'22	
	-1793 Sep 11 j 01:30	30°♌♌		asc. node	-1792 Sep 01 j 08:27	8°♌33'31	
asc. node	-1793 Sep 15 j 11:24	25°♌36'40		direct	-1792 Sep 01 j 21:19	8°♌31'55	
morning rise	-1793 Sep 15 j 20:03	25°♌22'49		morning max el	-1792 Sep 08 j 11:44	12°♌08'40	18°22'24
direct	-1793 Sep 19 j 00:32	24°♌24'28			-1792 Sep 21 j 01:40	0°♌	
morning max el	-1793 Sep 25 j 23:22	28°♌19'15	19°02'15	morning set	-1792 Sep 27 j 18:33	10°♌55'43	
	-1793 Sep 27 j 12:29	0°♌			-1792 Oct 09 j 14:27	0°♌	
	-1793 Oct 17 j 19:22	0°♌		desc. node	-1792 Oct 12 j 06:14	4°♌12'45	
morning set	-1793 Oct 18 j 06:18	0°♌43'01					
desc. node	-1793 Oct 26 j 09:13	13°♌28'39		superior conj	-1792 Oct 12 j 18:49	5°♌02'29	-0°03'25
max. Earth dist.	-1793 Nov 02 j 02:49	24°♌03'53	1.44791 AU	minimum elong	-1792 Oct 12 j 18:22	5°♌00'44	0°03'21
				behind sun begin	-1792 Oct 12 j 07:21	4°♌17'12	
superior conj	-1793 Nov 03 j 18:36	26°♌40'49	-0°52'28	behind sun end	-1792 Oct 13 j 05:23	5°♌44'14	
minimum elong	-1793 Nov 03 j 12:10	26°♌15'27	0°51'42	max. Earth dist.	-1792 Oct 14 j 21:08	8°♌20'58	1.44893 AU
	-1793 Nov 05 j 20:57	0°♌			-1792 Oct 28 j 16:21	0°♌	

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Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening rise	-1792 Oct 29 j 05:15	0° \mathbb{M} 50'35		minimum elong	-1791 Sep 22 j 13:53	14° \mathbb{M} 28'10	0°42'26
greatest brilliancy	-1792 Nov 08 j 22:35	17° \mathbb{M} 34'40	-0.8m	max. Earth dist.	-1791 Sep 27 j 14:21	22° \mathbb{M} 32'37	1.44276 AU
	-1792 Nov 17 j 10:45	0° \mathbb{A}		desc. node	-1791 Sep 29 j 03:15	24° \mathbb{M} 59'07	
evening max el	-1792 Nov 21 j 17:29	5° \mathbb{A} 07'29	19°22'26		-1791 Oct 02 j 07:39	0° \mathbb{A}	
asc. node	-1792 Nov 28 j 07:40	9° \mathbb{A} 13'31		evening rise	-1791 Oct 08 j 15:39	9° \mathbb{A} 50'41	
retrograde	-1792 Nov 28 j 21:18	9° \mathbb{A} 15'20			-1791 Oct 21 j 22:26	0° \mathbb{M}	
evening set	-1792 Dec 02 j 05:58	8° \mathbb{A} 09'23		evening max el	-1791 Nov 04 j 21:27	18° \mathbb{M} 35'09	20°19'55
inferior conj	-1792 Dec 07 j 20:23	2° \mathbb{A} 15'37	2°52'28	retrograde	-1791 Nov 12 j 18:43	23° \mathbb{M} 13'38	
minimum elong	-1792 Dec 07 j 17:26	2° \mathbb{A} 25'08	2°51'36	asc. node	-1791 Nov 15 j 04:41	22° \mathbb{M} 40'05	
min. Earth dist.	-1792 Dec 09 j 02:40	0° \mathbb{A} 38'11	0.66078 AU	evening set	-1791 Nov 16 j 12:13	21° \mathbb{M} 53'04	
	-1792 Dec 09 j 14:45	30° \mathbb{R} \mathbb{M}		inferior conj	-1791 Nov 21 j 22:54	15° \mathbb{M} 47'30	2°10'35
morning rise	-1792 Dec 13 j 04:39	26° \mathbb{M} 04'18		minimum elong	-1791 Nov 21 j 20:18	15° \mathbb{M} 56'14	2°09'39
direct	-1792 Dec 19 j 11:17	23° \mathbb{M} 18'41		min. Earth dist.	-1791 Nov 22 j 16:32	14° \mathbb{M} 48'06	0.66909 AU
	-1792 Dec 31 j 06:52	0° \mathbb{A}		morning rise	-1791 Nov 27 j 04:11	9° \mathbb{M} 33'42	
morning max el	-1792 Dec 31 j 24:00	0° \mathbb{A} 42'17	26°05'23	direct	-1791 Dec 02 j 20:26	7° \mathbb{M} 03'50	
desc. node	-1791 Jan 08 j 05:31	8° \mathbb{A} 56'34		morning max el	-1791 Dec 14 j 08:27	13° \mathbb{M} 54'55	24°46'22
	-1791 Jan 23 j 00:36	0° \mathbb{B}		desc. node	-1791 Dec 26 j 02:35	28° \mathbb{M} 08'15	
morning set	-1791 Feb 06 j 04:57	24° \mathbb{B} 16'26			-1791 Dec 27 j 11:08	0° \mathbb{A}	
	-1791 Feb 09 j 05:44	0° \mathbb{A}			-1790 Jan 15 j 20:41	0° \mathbb{B}	
max. Earth dist.	-1791 Feb 10 j 04:24	1° \mathbb{A} 49'19	1.35483 AU	morning set	-1790 Jan 19 j 10:56	6° \mathbb{B} 14'18	
				max. Earth dist.	-1790 Jan 23 j 03:14	12° \mathbb{B} 51'53	1.37304 AU
superior conj	-1791 Feb 15 j 06:16	11° \mathbb{A} 54'52	-1°23'10	superior conj	-1790 Jan 29 j 16:49	25° \mathbb{B} 17'52	-1°42'47
minimum elong	-1791 Feb 15 j 09:41	12° \mathbb{A} 12'15	1°22'42	minimum elong	-1790 Jan 29 j 20:12	25° \mathbb{B} 34'22	1°42'30
evening rise	-1791 Feb 23 j 01:52	28° \mathbb{A} 00'26			-1790 Feb 01 j 02:14	0° \mathbb{A}	
asc. node	-1791 Feb 24 j 06:59	0° \mathbb{A} 28'42			-1790 Feb 07 j 03:41	12° \mathbb{A} 06'51	
	-1791 Feb 24 j 01:19	0° \mathbb{A}		evening rise	-1790 Feb 11 j 04:01	19° \mathbb{A} 59'02	
evening max el	-1791 Mar 13 j 11:24	27° \mathbb{A} 42'05	20°23'34	asc. node	-1790 Feb 16 j 19:13	0° \mathbb{A}	
	-1791 Mar 16 j 05:23	0° \mathbb{Y}			-1790 Feb 24 j 03:32	9° \mathbb{A} 33'59	19°20'05
retrograde	-1791 Mar 24 j 05:17	2° \mathbb{Y} 50'13		evening max el	-1790 Mar 05 j 05:12	13° \mathbb{A} 54'09	
evening set	-1791 Mar 26 j 09:59	2° \mathbb{Y} 38'15		retrograde	-1790 Mar 07 j 11:35	13° \mathbb{A} 39'08	
	-1791 Apr 02 j 03:03	30° \mathbb{R} \mathbb{A}		evening set	-1790 Mar 15 j 19:02	9° \mathbb{A} 30'59	2°11'17
inferior conj	-1791 Apr 04 j 10:35	28° \mathbb{A} 40'17	0°29'33	inferior conj	-1790 Mar 15 j 23:32	9° \mathbb{A} 23'30	2°09'58
minimum elong	-1791 Apr 04 j 11:55	28° \mathbb{A} 38'20	0°29'04	minimum elong	-1790 Mar 18 j 15:26	7° \mathbb{A} 38'17	0.56452 AU
min. Earth dist.	-1791 Apr 06 j 00:26	27° \mathbb{A} 44'44	0.55327 AU	min. Earth dist.	-1790 Mar 24 j 08:41	4° \mathbb{A} 40'28	
desc. node	-1791 Apr 06 j 04:37	27° \mathbb{A} 38'41		morning rise	-1790 Mar 24 j 01:41	4° \mathbb{A} 46'51	
morning rise	-1791 Apr 13 j 12:15	24° \mathbb{A} 20'44		desc. node	-1790 Mar 29 j 02:29	3° \mathbb{A} 48'52	
direct	-1791 Apr 17 j 02:55	23° \mathbb{A} 52'18		direct	-1790 Apr 12 j 05:56	11° \mathbb{A} 01'46	25°03'17
	-1791 Apr 30 j 02:25	0° \mathbb{Y}		morning max el	-1790 Apr 26 j 15:51	0° \mathbb{Y}	
morning max el	-1791 Apr 30 j 15:08	0° \mathbb{Y} 29'34	23°24'34		-1790 Apr 26 j 15:51	0° \mathbb{Y}	
	-1791 May 20 j 09:05	0° \mathbb{B}		morning set	-1790 May 08 j 13:35	22° \mathbb{Y} 32'20	
asc. node	-1791 May 23 j 06:18	5° \mathbb{B} 51'28		asc. node	-1790 May 10 j 03:21	25° \mathbb{Y} 52'38	
morning set	-1791 May 24 j 01:31	7° \mathbb{B} 31'42			-1790 May 12 j 01:16	0° \mathbb{B}	
superior conj	-1791 May 31 j 04:03	22° \mathbb{B} 43'31	1°14'33	superior conj	-1790 May 15 j 13:46	7° \mathbb{B} 39'51	0°54'25
minimum elong	-1791 May 31 j 01:30	22° \mathbb{B} 29'52	1°14'11	minimum elong	-1790 May 15 j 11:38	7° \mathbb{B} 28'13	0°54'02
max. Earth dist.	-1791 Jun 02 j 11:20	27° \mathbb{B} 37'37	1.33693 AU	max. Earth dist.	-1790 May 16 j 19:00	10° \mathbb{B} 18'33	1.32929 AU
	-1791 Jun 03 j 14:27	0° \mathbb{II}		evening rise	-1790 May 22 j 18:33	22° \mathbb{B} 57'46	
evening rise	-1791 Jun 07 j 17:50	8° \mathbb{II} 27'51			-1790 May 26 j 07:04	0° \mathbb{II}	
	-1791 Jun 19 j 11:59	0° \mathbb{B}			-1790 Jun 13 j 07:50	0° \mathbb{B}	
desc. node	-1791 Jul 03 j 03:51	20° \mathbb{B} 12'09		desc. node	-1790 Jun 20 j 00:53	8° \mathbb{B} 25'46	
evening max el	-1791 Jul 11 j 15:58	29° \mathbb{B} 47'37	27°22'26	evening max el	-1790 Jun 24 j 00:39	12° \mathbb{B} 35'38	27°20'10
	-1791 Jul 11 j 21:11	0° \mathbb{Q}		retrograde	-1790 Jul 07 j 20:34	19° \mathbb{B} 55'38	
retrograde	-1791 Jul 25 j 05:34	7° \mathbb{Q} 09'28		evening set	-1790 Jul 15 j 00:10	17° \mathbb{B} 28'21	
evening set	-1791 Aug 01 j 08:42	4° \mathbb{Q} 25'45		min. Earth dist.	-1790 Jul 18 j 14:09	14° \mathbb{B} 34'36	0.62399 AU
min. Earth dist.	-1791 Aug 05 j 00:38	1° \mathbb{Q} 04'22	0.64128 AU	inferior conj	-1790 Jul 21 j 13:04	11° \mathbb{B} 46'55	-4°06'52
	-1791 Aug 06 j 01:08	30° \mathbb{R} \mathbb{B}		minimum elong	-1790 Jul 21 j 16:55	11° \mathbb{B} 37'46	4°06'09
inferior conj	-1791 Aug 07 j 10:49	28° \mathbb{B} 29'59	-3°28'14	morning rise	-1790 Jul 28 j 10:56	6° \mathbb{B} 42'26	
minimum elong	-1791 Aug 07 j 15:07	28° \mathbb{B} 18'31	3°27'04	direct	-1790 Jul 30 j 24:00	6° \mathbb{B} 13'22	
morning rise	-1791 Aug 13 j 22:24	23° \mathbb{B} 06'22		asc. node	-1790 Aug 06 j 02:34	9° \mathbb{B} 03'08	
direct	-1791 Aug 16 j 14:12	22° \mathbb{B} 30'29		morning max el	-1790 Aug 06 j 17:43	9° \mathbb{B} 38'48	17°55'06
asc. node	-1791 Aug 19 j 05:30	23° \mathbb{B} 05'59			-1790 Aug 20 j 03:58	0° \mathbb{Q}	
morning max el	-1791 Aug 23 j 02:47	25° \mathbb{B} 57'28	17°59'42	morning set	-1790 Aug 22 j 23:14	5° \mathbb{Q} 01'07	
	-1791 Aug 26 j 12:50	0° \mathbb{Q}					
morning set	-1791 Sep 09 j 09:59	22° \mathbb{Q} 27'13		superior conj	-1790 Sep 03 j 02:25	24° \mathbb{Q} 35'32	1°17'47
	-1791 Sep 13 j 20:26	0° \mathbb{M}		minimum elong	-1790 Sep 03 j 07:37	24° \mathbb{Q} 57'39	1°17'14
superior conj	-1791 Sep 22 j 09:23	14° \mathbb{M} 09'52	0°43'00		-1790 Sep 06 j 07:21	0° \mathbb{M}	
				max. Earth dist.	-1790 Sep 10 j 04:05	6° \mathbb{M} 22'24	1.43022 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

desc. node	-1790 Sep 16 j 00:15	15° \mathbb{M} 43'59		max. Earth dist.	-1789 Aug 23 j 12:25	19° Ω 34'50	1.41293 AU
evening rise	-1790 Sep 17 j 22:04	18° \mathbb{M} 43'43		evening rise	-1789 Aug 28 j 19:00	28° Ω 18'14	
	-1790 Sep 25 j 06:20	0° $\underline{\mathfrak{L}}$			-1789 Aug 29 j 20:14	0° \mathbb{M}	
	-1790 Oct 16 j 21:59	0° \mathbb{M}		desc. node	-1789 Sep 02 j 21:15	6° \mathbb{M} 24'07	
evening max el	-1790 Oct 18 j 19:32	2° \mathbb{M} 02'41	21°29'45		-1789 Sep 18 j 21:50	0° $\underline{\mathfrak{L}}$	
retrograde	-1790 Oct 27 j 15:30	7° \mathbb{M} 17'21		evening max el	-1789 Oct 01 j 11:56	15° $\underline{\mathfrak{L}}$ 30'16	22°47'41
evening set	-1790 Oct 31 j 19:58	5° \mathbb{M} 39'53		retrograde	-1789 Oct 11 j 10:02	21° $\underline{\mathfrak{L}}$ 23'39	
asc. node	-1790 Nov 02 j 01:44	4° \mathbb{M} 33'17		evening set	-1789 Oct 16 j 03:27	19° $\underline{\mathfrak{L}}$ 27'39	
	-1790 Nov 05 j 18:34	30° $\mathfrak{R}\underline{\mathfrak{L}}$		asc. node	-1789 Oct 19 j 22:49	15° $\underline{\mathfrak{L}}$ 13'06	
inferior conj	-1790 Nov 06 j 04:32	29° $\underline{\mathfrak{L}}$ 25'44	1°23'00	inferior conj	-1789 Oct 21 j 11:23	13° $\underline{\mathfrak{L}}$ 08'26	0°31'25
minimum elong	-1790 Nov 06 j 02:43	29° $\underline{\mathfrak{L}}$ 31'59	1°22'15	minimum elong	-1789 Oct 21 j 10:39	13° $\underline{\mathfrak{L}}$ 10'57	0°31'05
min. Earth dist.	-1790 Nov 06 j 10:50	29° $\underline{\mathfrak{L}}$ 04'01	0.67391 AU	min. Earth dist.	-1789 Oct 21 j 07:12	13° $\underline{\mathfrak{L}}$ 22'54	0.67552 AU
morning rise	-1790 Nov 11 j 09:18	23° $\underline{\mathfrak{L}}$ 11'53		morning rise	-1789 Oct 26 j 17:46	6° $\underline{\mathfrak{L}}$ 56'51	
direct	-1790 Nov 16 j 10:16	21° $\underline{\mathfrak{L}}$ 02'59		direct	-1789 Oct 31 j 03:55	5° $\underline{\mathfrak{L}}$ 10'21	
morning max el	-1790 Nov 26 j 17:34	27° $\underline{\mathfrak{L}}$ 11'16	23°19'41	morning max el	-1789 Nov 09 j 06:39	10° $\underline{\mathfrak{L}}$ 33'22	21°54'13
	-1790 Nov 29 j 08:28	0° \mathbb{M}			-1789 Nov 24 j 10:03	0° \mathbb{M}	
desc. node	-1790 Dec 12 j 23:38	17° \mathbb{M} 52'15		desc. node	-1789 Nov 29 j 20:39	7° \mathbb{M} 58'48	
	-1790 Dec 21 j 03:06	0° \mathfrak{X}		morning set	-1789 Dec 11 j 15:40	26° \mathbb{M} 11'56	
morning set	-1790 Dec 31 j 15:51	16° \mathfrak{X} 55'25			-1789 Dec 14 j 00:17	0° \mathfrak{X}	
max. Earth dist.	-1789 Jan 04 j 22:40	24° \mathfrak{X} 14'38	1.39377 AU	max. Earth dist.	-1789 Dec 17 j 22:00	6° \mathfrak{X} 25'19	1.41431 AU
	-1789 Jan 08 j 04:55	0° \mathfrak{Z}					
superior conj	-1789 Jan 12 j 13:10	7° \mathfrak{Z} 55'21	-1°55'44	superior conj	-1789 Dec 25 j 13:57	19° \mathfrak{X} 32'51	-1°58'24
minimum elong	-1789 Jan 12 j 15:11	8° \mathfrak{Z} 04'43	1°55'42	minimum elong	-1789 Dec 25 j 12:49	19° \mathfrak{X} 27'49	1°58'25
evening rise	-1789 Jan 21 j 21:29	25° \mathfrak{Z} 44'35		evening rise	-1789 Dec 31 j 09:49	0° \mathfrak{Z}	
	-1789 Jan 24 j 02:43	0° \approx			-1788 Jan 05 j 03:52	8° \mathfrak{Z} 44'51	
asc. node	-1789 Jan 29 j 01:04	9° \approx 05'07		asc. node	-1788 Jan 15 j 22:07	27° \mathfrak{Z} 38'17	
evening max el	-1789 Feb 07 j 05:02	22° \approx 00'01	18°36'19		-1788 Jan 17 j 12:35	0° \approx	
retrograde	-1789 Feb 14 j 23:30	25° \approx 47'10		evening max el	-1788 Jan 21 j 13:03	4° \approx 51'10	18°12'37
evening set	-1789 Feb 17 j 10:11	25° \approx 26'01		retrograde	-1788 Jan 28 j 11:53	8° \approx 21'17	
inferior conj	-1789 Feb 24 j 23:28	20° \approx 58'51	3°18'12	evening set	-1788 Jan 31 j 02:31	7° \approx 52'29	
minimum elong	-1789 Feb 25 j 03:24	20° \approx 51'13	3°17'27	inferior conj	-1788 Feb 07 j 00:15	3° \approx 04'03	3°50'23
min. Earth dist.	-1789 Feb 28 j 08:44	18° \approx 23'08	0.58208 AU	minimum elong	-1788 Feb 07 j 01:49	3° \approx 00'32	3°50'15
morning rise	-1789 Mar 04 j 18:05	15° \approx 39'23			-1788 Feb 10 j 10:57	30° $\mathfrak{R}\mathfrak{Z}$	
direct	-1789 Mar 10 j 15:10	14° \approx 12'40		min. Earth dist.	-1788 Feb 10 j 07:25	0° \approx 07'30	0.60247 AU
desc. node	-1789 Mar 10 j 22:46	14° \approx 12'55		morning rise	-1788 Feb 13 j 23:20	27° \mathfrak{Z} 23'33	
morning max el	-1789 Mar 24 j 22:37	21° \approx 45'31	26°27'46	direct	-1788 Feb 20 j 15:33	25° \mathfrak{Z} 18'39	
	-1789 Apr 01 j 03:57	0° \mathfrak{X}		desc. node	-1788 Feb 25 j 19:50	26° \mathfrak{Z} 28'10	
	-1789 Apr 19 j 08:33	0° \mathfrak{Y}			-1788 Mar 02 j 11:17	0° \approx	
morning set	-1789 Apr 23 j 00:43	7° \mathfrak{Y} 30'01		morning max el	-1788 Mar 05 j 21:05	3° \approx 02'34	27°24'20
asc. node	-1789 Apr 27 j 00:25	16° \mathfrak{Y} 01'59		morning set	-1788 Mar 25 j 14:23	0° \mathfrak{X}	
					-1788 Apr 06 j 09:03	22° \mathfrak{X} 17'23	
superior conj	-1789 Apr 30 j 01:19	22° \mathfrak{Y} 40'35	0°31'34		-1788 Apr 10 j 00:34	0° \mathfrak{Y}	
minimum elong	-1789 Apr 29 j 23:58	22° \mathfrak{Y} 33'10	0°31'18	asc. node	-1788 Apr 12 j 21:29	6° \mathfrak{Y} 14'18	
max. Earth dist.	-1789 Apr 30 j 07:21	23° \mathfrak{Y} 13'38	1.32525 AU	max. Earth dist.	-1788 Apr 12 j 20:25	6° \mathfrak{Y} 08'27	1.32465 AU
	-1789 May 03 j 09:51	0° \mathfrak{Z}		superior conj	-1788 Apr 13 j 12:56	7° \mathfrak{Y} 38'50	0°06'49
evening rise	-1789 May 07 j 01:09	7° \mathfrak{Z} 44'35		minimum elong	-1788 Apr 13 j 12:37	7° \mathfrak{Y} 37'08	0°06'45
	-1789 May 18 j 18:39	0° \mathbb{I}		behind sun begin	-1788 Apr 13 j 08:03	7° \mathfrak{Y} 12'07	
evening max el	-1789 Jun 06 j 04:07	24° \mathbb{I} 44'01	26°44'50	behind sun end	-1788 Apr 13 j 17:12	8° \mathfrak{Y} 02'10	
desc. node	-1789 Jun 06 j 21:54	25° \mathbb{I} 25'33		evening rise	-1788 Apr 20 j 11:14	22° \mathfrak{Y} 39'18	
	-1789 Jun 13 j 02:13	0° \mathfrak{E}			-1788 Apr 24 j 01:01	0° \mathfrak{Z}	
retrograde	-1789 Jun 20 j 03:56	2° \mathfrak{E} 01'07			-1788 May 12 j 11:01	0° \mathbb{I}	
evening set	-1789 Jun 26 j 21:26	0° \mathfrak{E} 03'32		evening max el	-1788 May 18 j 00:47	6° \mathbb{I} 07'30	25°39'03
	-1789 Jun 26 j 23:53	30° $\mathfrak{R}\mathbb{I}$		desc. node	-1788 May 23 j 18:57	10° \mathbb{I} 41'10	
min. Earth dist.	-1789 Jun 30 j 17:34	27° \mathbb{I} 23'48	0.60417 AU	retrograde	-1788 Jun 01 j 02:19	13° \mathbb{I} 20'12	
inferior conj	-1789 Jul 04 j 01:12	24° \mathbb{I} 39'13	-4°30'20	evening set	-1788 Jun 06 j 20:47	12° \mathbb{I} 01'00	
minimum elong	-1789 Jul 04 j 02:59	24° \mathbb{I} 35'30	4°30'11	min. Earth dist.	-1788 Jun 11 j 12:58	9° \mathbb{I} 17'36	0.58370 AU
morning rise	-1789 Jul 11 j 10:24	19° \mathbb{I} 56'32		inferior conj	-1788 Jun 14 j 19:32	6° \mathbb{I} 56'55	-4°29'17
direct	-1789 Jul 13 j 22:40	19° \mathbb{I} 32'25		minimum elong	-1788 Jun 14 j 17:34	7° \mathbb{I} 00'29	4°29'08
morning max el	-1789 Jul 21 j 05:42	23° \mathbb{I} 05'49	18°09'39	morning rise	-1788 Jun 22 j 17:01	2° \mathbb{I} 36'35	
asc. node	-1789 Jul 23 j 23:39	26° \mathbb{I} 09'57		direct	-1788 Jun 25 j 05:34	2° \mathbb{I} 16'19	
	-1789 Jul 26 j 17:46	0° \mathfrak{E}		morning max el	-1788 Jul 03 j 11:48	6° \mathbb{I} 09'57	18°44'24
morning set	-1789 Aug 06 j 04:39	18° \mathfrak{E} 22'06		asc. node	-1788 Jul 09 j 20:44	14° \mathbb{I} 11'26	
	-1789 Aug 12 j 10:20	0° Ω			-1788 Jul 18 j 17:13	0° \mathfrak{E}	
				morning set	-1788 Jul 19 j 21:45	2° \mathfrak{E} 18'31	
superior conj	-1789 Aug 15 j 21:57	6° Ω 20'10	1°38'44				
minimum elong	-1789 Aug 16 j 01:14	6° Ω 34'54	1°38'33	superior conj	-1788 Jul 28 j 14:43	19° \mathfrak{E} 09'24	1°47'32


































































































































Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1788 Jul 28 j 15:37	19° \mathfrak{G} 13'35	1°47'33	minimum elong	-1787 Jul 11 j 22:02	2° \mathfrak{G} 41'21	1°46'41
	-1788 Aug 03 j 12:06	0° \mathfrak{Q}		max. Earth dist.	-1787 Jul 17 j 18:28	13° \mathfrak{G} 57'34	1.37377 AU
max. Earth dist.	-1788 Aug 04 j 15:43	2° \mathfrak{Q} 02'53	1.39322 AU	evening rise	-1787 Jul 21 j 14:48	21° \mathfrak{G} 00'05	
evening rise	-1788 Aug 08 j 16:35	9° \mathfrak{Q} 03'13			-1787 Jul 26 j 18:58	0° \mathfrak{Q}	
desc. node	-1788 Aug 19 j 18:16	26° \mathfrak{Q} 55'48		desc. node	-1787 Aug 06 j 15:17	17° \mathfrak{Q} 13'40	
	-1788 Aug 21 j 18:47	0° \mathfrak{R}			-1787 Aug 15 j 17:18	0° \mathfrak{R}	
evening max el	-1788 Sep 13 j 00:26	29° \mathfrak{R} 00'26	24°08'03	evening max el	-1787 Aug 26 j 11:32	12° \mathfrak{R} 34'02	25°23'47
	-1788 Sep 14 j 01:01	0° \mathfrak{A}		retrograde	-1787 Sep 07 j 12:12	19° \mathfrak{R} 30'40	
retrograde	-1788 Sep 24 j 01:17	5° \mathfrak{A} 29'43		evening set	-1787 Sep 13 j 10:42	16° \mathfrak{R} 59'26	
evening set	-1788 Sep 29 j 08:58	3° \mathfrak{A} 15'06		min. Earth dist.	-1787 Sep 17 j 20:34	12° \mathfrak{R} 03'23	0.66945 AU
	-1788 Oct 02 j 09:38	30° \mathfrak{R}		inferior conj	-1787 Sep 18 j 21:52	10° \mathfrak{R} 41'15	-1°17'17
min. Earth dist.	-1788 Oct 04 j 03:15	27° \mathfrak{R} 43'30	0.67406 AU	minimum elong	-1787 Sep 18 j 23:45	10° \mathfrak{R} 35'07	1°16'29
inferior conj	-1788 Oct 04 j 17:45	26° \mathfrak{R} 54'27	-0°22'32	asc. node	-1787 Sep 22 j 16:57	6° \mathfrak{R} 12'34	
minimum elong	-1788 Oct 04 j 18:18	26° \mathfrak{R} 52'37	0°22'18	morning rise	-1787 Sep 24 j 12:57	4° \mathfrak{R} 42'23	
asc. node	-1788 Oct 05 j 19:54	25° \mathfrak{R} 26'53		direct	-1787 Sep 27 j 22:44	3° \mathfrak{R} 35'07	
morning rise	-1788 Oct 10 j 03:37	20° \mathfrak{R} 47'47		morning max el	-1787 Oct 05 j 05:36	7° \mathfrak{R} 44'50	19°32'25
direct	-1788 Oct 14 j 00:32	19° \mathfrak{R} 22'21			-1787 Oct 21 j 09:14	0° \mathfrak{A}	
morning max el	-1788 Oct 22 j 02:26	24° \mathfrak{R} 04'41	20°36'59	morning set	-1787 Oct 29 j 16:13	12° \mathfrak{A} 48'01	
	-1788 Oct 27 j 04:26	0° \mathfrak{A}		desc. node	-1787 Nov 02 j 14:40	18° \mathfrak{A} 55'33	
desc. node	-1788 Nov 15 j 17:40	28° \mathfrak{A} 21'40			-1787 Nov 09 j 16:11	0° \mathfrak{M}	
	-1788 Nov 16 j 19:17	0° \mathfrak{M}		max. Earth dist.	-1787 Nov 11 j 17:21	3° \mathfrak{M} 14'20	1.44397 AU
morning set	-1788 Nov 19 j 16:44	4° \mathfrak{M} 28'23					
max. Earth dist.	-1788 Nov 29 j 04:22	19° \mathfrak{M} 28'52	1.43180 AU	superior conj	-1787 Nov 15 j 10:30	9° \mathfrak{M} 09'17	-1°16'53
				minimum elong	-1787 Nov 15 j 02:45	8° \mathfrak{M} 38'17	1°16'05
superior conj	-1788 Dec 05 j 13:47	29° \mathfrak{M} 58'18	-1°46'27		-1787 Nov 28 j 04:23	0° \mathfrak{J}	
minimum elong	-1788 Dec 05 j 08:17	29° \mathfrak{M} 35'24	1°46'07	evening rise	-1787 Nov 29 j 13:49	2° \mathfrak{J} 19'48	
	-1788 Dec 05 j 14:11	0° \mathfrak{J}			-1787 Dec 17 j 08:04	0° \mathfrak{Z}	
evening rise	-1788 Dec 17 j 18:50	20° \mathfrak{J} 59'36		evening max el	-1787 Dec 18 j 13:15	1° \mathfrak{Z} 19'14	18°23'33
	-1788 Dec 22 j 21:50	0° \mathfrak{Z}		asc. node	-1787 Dec 19 j 16:11	2° \mathfrak{Z} 31'15	
asc. node	-1787 Jan 01 j 19:10	15° \mathfrak{Z} 28'33		retrograde	-1787 Dec 25 j 02:24	4° \mathfrak{Z} 54'07	
evening max el	-1787 Jan 04 j 00:44	17° \mathfrak{Z} 59'56	18°08'37	evening set	-1787 Dec 28 j 01:17	4° \mathfrak{Z} 06'48	
retrograde	-1787 Jan 10 j 14:20	21° \mathfrak{Z} 26'40			-1786 Jan 01 j 20:26	30° \mathfrak{R}	
evening set	-1787 Jan 13 j 08:45	20° \mathfrak{Z} 49'12		inferior conj	-1786 Jan 03 j 01:31	28° \mathfrak{J} 38'23	3°41'04
inferior conj	-1787 Jan 19 j 18:16	15° \mathfrak{Z} 40'00	3°55'26	minimum elong	-1786 Jan 02 j 23:15	28° \mathfrak{J} 44'49	3°40'42
minimum elong	-1787 Jan 19 j 17:31	15° \mathfrak{Z} 41'56	3°55'21	min. Earth dist.	-1786 Jan 05 j 06:48	26° \mathfrak{J} 06'52	0.64024 AU
min. Earth dist.	-1787 Jan 22 j 14:20	12° \mathfrak{Z} 46'32	0.62258 AU	morning rise	-1786 Jan 08 j 20:40	22° \mathfrak{J} 35'47	
morning rise	-1787 Jan 26 j 01:13	9° \mathfrak{Z} 46'04		direct	-1786 Jan 15 j 19:30	19° \mathfrak{J} 45'25	
direct	-1787 Feb 02 j 01:41	7° \mathfrak{Z} 11'04		morning max el	-1786 Jan 29 j 09:47	27° \mathfrak{J} 32'22	27°30'02
desc. node	-1787 Feb 11 j 16:54	11° \mathfrak{Z} 10'20		desc. node	-1786 Jan 29 j 13:56	27° \mathfrak{J} 42'44	
morning max el	-1787 Feb 16 j 01:33	15° \mathfrak{Z} 00'07	27°45'14		-1786 Jan 31 j 18:17	0° \mathfrak{Z}	
	-1787 Feb 28 j 07:18	0° \mathfrak{A}			-1786 Feb 21 j 23:25	0° \mathfrak{A}	
	-1787 Mar 18 j 02:28	0° \mathfrak{H}		morning set	-1786 Mar 05 j 08:30	20° \mathfrak{A} 50'36	
morning set	-1787 Mar 21 j 12:30	6° \mathfrak{H} 47'11			-1786 Mar 09 j 20:52	0° \mathfrak{H}	
max. Earth dist.	-1787 Mar 27 j 06:15	18° \mathfrak{H} 49'08	1.32768 AU	max. Earth dist.	-1786 Mar 10 j 08:58	1° \mathfrak{H} 02'54	1.33469 AU
superior conj	-1787 Mar 28 j 22:56	22° \mathfrak{H} 28'49	-0°19'03	superior conj	-1786 Mar 13 j 05:32	7° \mathfrak{H} 04'29	-0°45'01
minimum elong	-1787 Mar 28 j 23:49	22° \mathfrak{H} 33'37	0°18'52	minimum elong	-1786 Mar 13 j 07:37	7° \mathfrak{H} 15'33	0°44'37
asc. node	-1787 Mar 30 j 18:31	26° \mathfrak{H} 25'33		asc. node	-1786 Mar 17 j 15:32	16° \mathfrak{H} 31'47	
	-1787 Apr 01 j 09:59	0° \mathfrak{Y}		evening rise	-1786 Mar 20 j 10:15	22° \mathfrak{H} 25'47	
evening rise	-1787 Apr 04 j 22:52	7° \mathfrak{Y} 35'07			-1786 Mar 24 j 02:55	0° \mathfrak{Y}	
	-1787 Apr 16 j 18:13	0° \mathfrak{B}		evening max el	-1786 Apr 11 j 08:56	27° \mathfrak{Y} 35'56	22°37'15
evening max el	-1787 Apr 29 j 16:32	16° \mathfrak{B} 56'26	24°11'54		-1786 Apr 14 j 03:26	0° \mathfrak{B}	
desc. node	-1787 May 10 j 16:00	23° \mathfrak{B} 36'00		retrograde	-1786 Apr 24 j 11:32	4° \mathfrak{B} 02'37	
retrograde	-1787 May 13 j 13:25	23° \mathfrak{B} 55'10		evening set	-1786 Apr 27 j 13:44	3° \mathfrak{B} 41'41	
evening set	-1787 May 17 j 22:55	23° \mathfrak{B} 12'00		desc. node	-1786 Apr 27 j 13:03	3° \mathfrak{B} 42'03	
min. Earth dist.	-1787 May 24 j 04:02	20° \mathfrak{B} 09'25	0.56579 AU	min. Earth dist.	-1786 May 05 j 17:39	0° \mathfrak{B} 08'41	0.55395 AU
inferior conj	-1787 May 26 j 17:48	18° \mathfrak{B} 32'40	-3°52'04		-1786 May 05 j 23:45	30° \mathfrak{R}	
minimum elong	-1787 May 26 j 11:58	18° \mathfrak{B} 41'51	3°50'55	inferior conj	-1786 May 06 j 21:57	29° \mathfrak{Y} 28'17	-2°31'40
morning rise	-1787 Jun 04 j 04:02	14° \mathfrak{B} 30'11		minimum elong	-1786 May 06 j 15:44	29° \mathfrak{Y} 37'10	2°29'46
direct	-1787 Jun 06 j 17:26	14° \mathfrak{B} 12'46		morning rise	-1786 May 15 j 19:44	25° \mathfrak{Y} 32'52	
morning max el	-1787 Jun 16 j 09:08	18° \mathfrak{B} 41'13	19°39'51	direct	-1786 May 18 j 12:31	25° \mathfrak{Y} 15'57	
	-1787 Jun 25 j 00:46	0° \mathfrak{I}			-1786 May 29 j 05:30	0° \mathfrak{B}	
asc. node	-1787 Jun 26 j 17:48	2° \mathfrak{I} 54'34		morning max el	-1786 May 29 j 19:45	0° \mathfrak{B} 32'14	20°55'16
morning set	-1787 Jul 03 j 23:00	16° \mathfrak{I} 40'47		asc. node	-1786 Jun 13 j 14:50	22° \mathfrak{B} 09'31	
	-1787 Jul 10 j 13:34	0° \mathfrak{G}			-1786 Jun 17 j 13:45	0° \mathfrak{I}	
				morning set	-1786 Jun 18 j 05:51	1° \mathfrak{I} 22'24	
superior conj	-1787 Jul 11 j 23:02	2° \mathfrak{G} 46'18	1°46'40				

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1786 Jun 25 j 18:24	16° Π 58'10	1°38'26	superior conj	-1785 Jun 09 j 21:19	1° Π 33'39	1°24'34
minimum elong	-1786 Jun 25 j 16:16	16° Π 47'12	1°38'17	minimum elong	-1785 Jun 09 j 18:45	1° Π 20'04	1°24'15
max. Earth dist.	-1786 Jun 30 j 03:18	25° Π 46'56	1.35672 AU	max. Earth dist.	-1785 Jun 12 j 21:42	7° Π 52'19	1.34311 AU
	-1786 Jul 02 j 07:13	0° \mathfrak{C}		evening rise	-1785 Jun 17 j 18:32	17° Π 40'24	
evening rise	-1786 Jul 04 j 09:11	3° \mathfrak{C} 57'38			-1785 Jun 24 j 08:45	0° \mathfrak{C}	
	-1786 Jul 19 j 16:01	0° Ω		desc. node	-1785 Jul 11 j 09:21	26° \mathfrak{C} 39'03	
desc. node	-1786 Jul 24 j 12:19	7° Ω 11'16			-1785 Jul 13 j 22:50	0° Ω	
evening max el	-1786 Aug 08 j 23:05	26° Ω 08'33	26°26'53	evening max el	-1785 Jul 22 j 10:50	9° Ω 34'14	27°09'38
	-1786 Aug 13 j 11:03	0° \mathfrak{M}		retrograde	-1785 Aug 04 j 18:41	16° Ω 54'04	
retrograde	-1786 Aug 21 j 18:11	3° \mathfrak{M} 21'21		evening set	-1785 Aug 11 j 18:07	14° Ω 07'13	
evening set	-1786 Aug 28 j 06:36	0° \mathfrak{M} 38'17		min. Earth dist.	-1785 Aug 15 j 13:15	10° Ω 26'10	0.64981 AU
	-1786 Aug 28 j 23:50	30° \mathfrak{R} Ω		inferior conj	-1785 Aug 17 j 15:36	8° Ω 04'55	-3°01'41
min. Earth dist.	-1786 Sep 01 j 08:42	26° Ω 19'44	0.66147 AU	minimum elong	-1785 Aug 17 j 19:40	7° Ω 53'28	3°00'23
inferior conj	-1786 Sep 02 j 21:53	24° Ω 26'19	-2°11'03	morning rise	-1785 Aug 23 j 21:48	2° Ω 31'37	
minimum elong	-1786 Sep 03 j 01:02	24° Ω 16'42	2°09'52	direct	-1785 Aug 26 j 16:22	1° Ω 50'27	
morning rise	-1786 Sep 08 j 19:47	18° Ω 38'32		asc. node	-1785 Aug 27 j 11:02	1° Ω 53'42	
asc. node	-1786 Sep 09 j 13:59	18° Ω 15'39		morning max el	-1785 Sep 02 j 04:59	5° Ω 21'40	18°10'33
direct	-1786 Sep 11 j 20:48	17° Ω 45'59			-1785 Sep 18 j 17:07	0° \mathfrak{M}	
morning max el	-1786 Sep 18 j 15:10	21° Ω 32'03	18°43'09	morning set	-1785 Sep 20 j 12:43	3° \mathfrak{M} 01'29	
	-1786 Sep 25 j 07:04	0° \mathfrak{M}					
morning set	-1786 Oct 09 j 12:22	22° \mathfrak{M} 13'19		superior conj	-1785 Oct 04 j 16:22	26° \mathfrak{M} 06'40	0°17'21
	-1786 Oct 14 j 09:43	0° \mathfrak{L}		minimum elong	-1785 Oct 04 j 18:29	26° \mathfrak{M} 15'08	0°17'04
desc. node	-1786 Oct 20 j 11:41	9° \mathfrak{L} 36'57		desc. node	-1785 Oct 07 j 08:43	0° \mathfrak{L} 22'23	
					-1785 Oct 07 j 03:04	0° \mathfrak{L}	
superior conj	-1786 Oct 25 j 12:29	17° \mathfrak{L} 32'32	-0°32'08	max. Earth dist.	-1785 Oct 08 j 05:52	1° \mathfrak{L} 46'01	1.44722 AU
minimum elong	-1786 Oct 25 j 08:16	17° \mathfrak{L} 15'58	0°31'36	evening rise	-1785 Oct 21 j 05:34	22° \mathfrak{L} 04'28	
max. Earth dist.	-1786 Oct 25 j 10:59	17° \mathfrak{L} 26'39	1.44932 AU		-1785 Oct 26 j 08:26	0° \mathfrak{M}	
	-1786 Nov 02 j 10:05	0° \mathfrak{M}		greatest brilliancy	-1785 Nov 02 j 21:51	11° \mathfrak{M} 33'13	-0.7m
evening rise	-1786 Nov 10 j 09:16	12° \mathfrak{M} 40'22		evening max el	-1785 Nov 15 j 07:00	28° \mathfrak{M} 11'32	19°45'11
	-1786 Nov 21 j 06:19	0° \mathfrak{J}			-1785 Nov 17 j 05:03	0° \mathfrak{J}	
evening max el	-1786 Dec 02 j 00:04	14° \mathfrak{J} 44'15	18°56'13	retrograde	-1785 Nov 22 j 17:22	2° \mathfrak{J} 31'24	
asc. node	-1786 Dec 06 j 13:12	18° \mathfrak{J} 08'06		asc. node	-1785 Nov 23 j 10:13	2° \mathfrak{J} 28'35	
retrograde	-1786 Dec 08 j 20:23	18° \mathfrak{J} 37'16		evening set	-1785 Nov 26 j 05:37	1° \mathfrak{J} 19'18	
evening set	-1786 Dec 12 j 01:05	17° \mathfrak{J} 38'30			-1785 Nov 27 j 19:57	30° \mathfrak{R} \mathfrak{M}	
inferior conj	-1786 Dec 17 j 18:28	11° \mathfrak{J} 53'08	3°13'06	inferior conj	-1785 Dec 01 j 18:13	25° \mathfrak{M} 19'56	2°35'30
minimum elong	-1786 Dec 17 j 15:34	12° \mathfrak{J} 02'09	3°12'23	minimum elong	-1785 Dec 01 j 15:22	25° \mathfrak{M} 29'21	2°34'35
min. Earth dist.	-1786 Dec 19 j 08:44	9° \mathfrak{J} 54'39	0.65440 AU	min. Earth dist.	-1785 Dec 02 j 18:50	23° \mathfrak{M} 58'58	0.66475 AU
morning rise	-1786 Dec 23 j 05:45	5° \mathfrak{J} 44'34		morning rise	-1785 Dec 07 j 00:54	19° \mathfrak{M} 07'27	
direct	-1786 Dec 29 j 19:40	2° \mathfrak{J} 53'51		direct	-1785 Dec 13 j 01:35	16° \mathfrak{M} 27'57	
morning max el	-1785 Jan 11 j 19:19	10° \mathfrak{J} 28'48	26°43'23	morning max el	-1785 Dec 25 j 04:27	23° \mathfrak{M} 38'48	25°33'27
desc. node	-1785 Jan 16 j 10:58	15° \mathfrak{J} 34'03			-1785 Dec 30 j 21:02	0° \mathfrak{J}	
	-1785 Jan 27 j 07:43	0° \mathfrak{Z}		desc. node	-1784 Jan 03 j 08:00	4° \mathfrak{J} 21'19	
	-1785 Feb 14 j 11:00	0° \approx			-1784 Jan 20 j 16:47	0° \mathfrak{Z}	
morning set	-1785 Feb 16 j 17:31	4° \approx 16'00		morning set	-1784 Jan 30 j 11:02	16° \mathfrak{Z} 50'22	
max. Earth dist.	-1785 Feb 21 j 01:13	12° \approx 41'58	1.34618 AU	max. Earth dist.	-1784 Feb 03 j 05:58	23° \mathfrak{Z} 52'39	1.36215 AU
					-1784 Feb 06 j 10:16	0° \approx	
superior conj	-1785 Feb 25 j 06:33	21° \approx 18'01	-1°09'56				
minimum elong	-1785 Feb 25 j 09:37	21° \approx 33'55	1°09'26	superior conj	-1784 Feb 08 j 23:21	5° \approx 01'56	-1°32'06
	-1785 Mar 01 j 10:24	0° \mathfrak{H}		minimum elong	-1784 Feb 09 j 02:53	5° \approx 19'35	1°31'42
evening rise	-1785 Mar 04 j 19:33	7° \mathfrak{H} 04'11		evening rise	-1784 Feb 17 j 00:48	21° \approx 24'18	
asc. node	-1785 Mar 04 j 12:34	6° \mathfrak{H} 27'57		asc. node	-1784 Feb 19 j 09:36	26° \approx 09'18	
	-1785 Mar 17 j 08:42	0° \mathfrak{Y}			-1784 Feb 21 j 08:54	0° \mathfrak{H}	
evening max el	-1785 Mar 24 j 08:10	8° \mathfrak{Y} 31'35	21°08'21	evening max el	-1784 Mar 05 j 17:53	20° \mathfrak{H} 00'55	19°54'12
retrograde	-1785 Apr 05 j 01:04	14° \mathfrak{Y} 10'05		retrograde	-1784 Mar 15 j 18:06	24° \mathfrak{H} 47'42	
evening set	-1785 Apr 07 j 09:30	13° \mathfrak{Y} 57'16		evening set	-1784 Mar 17 j 22:46	24° \mathfrak{H} 34'55	
desc. node	-1785 Apr 14 j 10:06	11° \mathfrak{Y} 14'19		inferior conj	-1784 Mar 26 j 16:31	20° \mathfrak{H} 33'41	1°16'17
inferior conj	-1785 Apr 16 j 16:44	9° \mathfrak{Y} 58'32	-0°38'37	minimum elong	-1784 Mar 26 j 19:40	20° \mathfrak{H} 28'50	1°15'14
minimum elong	-1785 Apr 16 j 14:55	10° \mathfrak{Y} 01'06	0°37'58	min. Earth dist.	-1784 Mar 28 j 21:06	19° \mathfrak{H} 13'09	0.55706 AU
min. Earth dist.	-1785 Apr 17 j 07:00	9° \mathfrak{Y} 38'24	0.55079 AU	desc. node	-1784 Mar 31 j 07:08	17° \mathfrak{H} 50'23	
morning rise	-1785 Apr 25 j 20:10	5° \mathfrak{Y} 53'26		morning rise	-1784 Apr 04 j 14:24	16° \mathfrak{H} 01'43	
direct	-1785 Apr 28 j 23:45	5° \mathfrak{Y} 31'55		direct	-1784 Apr 08 j 15:41	15° \mathfrak{H} 25'25	
morning max el	-1785 May 11 j 19:38	11° \mathfrak{Y} 40'43	22°27'16	morning max el	-1784 Apr 22 j 12:16	22° \mathfrak{H} 19'23	24°07'24
	-1785 May 25 j 06:58	0° \mathfrak{B}			-1784 Apr 29 j 06:03	0° \mathfrak{Y}	
asc. node	-1785 May 31 j 11:53	11° \mathfrak{B} 47'19			-1784 May 16 j 13:35	0° \mathfrak{B}	
morning set	-1785 Jun 02 j 16:08	16° \mathfrak{B} 16'00		morning set	-1784 May 17 j 04:03	1° \mathfrak{B} 15'41	
	-1785 Jun 09 j 03:38	0° \mathfrak{I}		asc. node	-1784 May 17 j 08:57	1° \mathfrak{B} 41'29	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1784 May 24 j 05:12	16°  24'22	1°06'24		-1783 May 08 j 00:42	0° 	
minimum elong	-1784 May 24 j 02:46	16°  11'16	1°06'01				
max. Earth dist.	-1784 May 26 j 01:10	20°  20'36	1.33323 AU	superior conj	-1783 May 08 j 15:56	1°  23'15	0°45'00
	-1784 May 30 j 15:48	0°  II		minimum elong	-1783 May 08 j 14:06	1°  13'10	0°44'40
evening rise	-1784 May 31 j 14:37	1°  II55'51		max. Earth dist.	-1783 May 09 j 11:04	3°  07'38	1.32704 AU
	-1784 Jun 16 j 06:04	0°  ☿		evening rise	-1783 May 15 j 18:08	16°  33'35	
desc. node	-1784 Jun 27 j 06:22	15°  ☿24'30			-1783 May 22 j 14:20	0°  II	
evening max el	-1784 Jul 03 j 21:04	22°  ☿38'51	27°25'16		-1783 Jun 11 j 06:54	0°  ☿	
	-1784 Jul 17 j 06:44	0°  ♊		desc. node	-1783 Jun 14 j 03:24	3°  ☿09'59	
retrograde	-1784 Jul 17 j 13:26	0°  ♊00'14		evening max el	-1783 Jun 16 j 03:40	5°  ☿10'46	27°09'12
	-1784 Jul 17 j 20:07	30°  ♊☿		retrograde	-1783 Jun 30 j 01:45	12°  ☿30'36	
evening set	-1784 Jul 24 j 18:05	27°  ☿21'25		evening set	-1783 Jul 07 j 02:29	10°  ☿14'11	
min. Earth dist.	-1784 Jul 28 j 08:24	24°  ☿13'25	0.63439 AU	min. Earth dist.	-1783 Jul 10 j 17:34	7°  ☿28'32	0.61572 AU
inferior conj	-1784 Jul 31 j 00:22	21°  ☿31'35	-3°46'01	inferior conj	-1783 Jul 13 j 21:07	4°  ☿39'25	-4°19'11
minimum elong	-1784 Jul 31 j 04:39	21°  ☿20'44	3°45'00	minimum elong	-1783 Jul 14 j 00:19	4°  ☿32'13	4°18'44
morning rise	-1784 Aug 06 j 16:14	16°  ☿16'02			-1783 Jul 20 j 07:31	30°  ♊II	
direct	-1784 Aug 09 j 06:39	15°  ☿43'20		morning rise	-1783 Jul 20 j 23:43	29°  II44'15	
asc. node	-1784 Aug 13 j 08:08	17°  ☿03'48		direct	-1783 Jul 23 j 12:06	29°  II17'38	
morning max el	-1784 Aug 15 j 20:24	19°  ☿08'15	17°55'28		-1783 Jul 26 j 14:46	0°  ☿	
	-1784 Aug 23 j 19:39	0°  ♊		morning max el	-1783 Jul 30 j 10:35	2°  ☿45'20	17°58'54
morning set	-1784 Sep 01 j 14:09	15°  ♊01'14		asc. node	-1783 Jul 31 j 05:15	3°  ☿32'55	
	-1784 Sep 10 j 06:55	0°  ♊☿		morning set	-1783 Aug 15 j 10:59	27°  ☿57'15	
					-1783 Aug 16 j 13:50	0°  ♊	
superior conj	-1784 Sep 13 j 17:36	5°  ♊45'42	0°59'27	superior conj	-1783 Aug 25 j 22:31	16°  ♊47'13	1°28'17
minimum elong	-1784 Sep 13 j 22:52	6°  ♊07'31	0°58'49	minimum elong	-1783 Aug 26 j 03:05	17°  ♊07'02	1°27'53
max. Earth dist.	-1784 Sep 19 j 22:01	15°  ♊50'37	1.43811 AU	max. Earth dist.	-1783 Sep 02 j 09:09	29°  ♊24'46	1.42330 AU
desc. node	-1784 Sep 23 j 05:44	21°  ♊08'14			-1783 Sep 02 j 17:41	0°  ♊☿	
	-1784 Sep 28 j 21:40	0°  ♊☿		evening rise	-1783 Sep 08 j 22:38	10°  ♊00'58	
evening rise	-1784 Sep 29 j 11:55	0°  ♊55'06		desc. node	-1783 Sep 10 j 02:45	11°  ♊51'50	
	-1784 Oct 19 j 01:03	0°  ♊II			-1783 Sep 22 j 01:22	0°  ♊☿	
evening max el	-1784 Oct 28 j 08:24	11°  ♊38'24	20°48'19	evening max el	-1783 Oct 11 j 03:55	25°  ♊05'45	22°02'10
retrograde	-1784 Nov 05 j 14:52	16°  ♊32'14			-1783 Oct 17 j 15:14	0°  ♊II	
asc. node	-1784 Nov 09 j 07:18	15°  ♊14'37		retrograde	-1783 Oct 20 j 10:59	0°  ♊37'21	
evening set	-1784 Nov 09 j 12:45	15°  ♊04'39			-1783 Oct 23 j 02:34	30°  ♊☿	
inferior conj	-1784 Nov 14 j 22:19	8°  ♊54'43	1°50'59	evening set	-1783 Oct 24 j 20:37	28°  ♊52'20	
minimum elong	-1784 Nov 14 j 20:01	9°  ♊02'36	1°50'06	asc. node	-1783 Oct 27 j 04:22	26°  ♊32'52	
min. Earth dist.	-1784 Nov 15 j 10:56	8°  ♊11'41	0.67150 AU	inferior conj	-1783 Oct 30 j 04:44	22°  ♊35'28	1°01'31
morning rise	-1784 Nov 20 j 03:06	2°  ♊40'29		minimum elong	-1783 Oct 30 j 03:21	22°  ♊40'15	1°00'55
direct	-1784 Nov 25 j 12:43	0°  ♊19'22		min. Earth dist.	-1783 Oct 30 j 06:33	22°  ♊29'11	0.67499 AU
morning max el	-1784 Dec 06 j 13:04	6°  ♊53'37	24°09'54	morning rise	-1783 Nov 04 j 09:55	16°  ♊21'58	
desc. node	-1784 Dec 20 j 05:03	23°  ♊47'44		direct	-1783 Nov 09 j 04:25	14°  ♊22'31	
	-1784 Dec 24 j 13:07	0°  ♊☿		morning max el	-1783 Nov 18 j 23:27	20°  ♊11'55	22°42'33
morning set	-1783 Jan 11 j 07:06	28°  ♊17'13			-1783 Nov 27 j 06:14	0°  ♊II	
	-1783 Jan 12 j 06:47	0°  ♊☿		desc. node	-1783 Dec 07 j 02:06	13°  ♊42'07	
max. Earth dist.	-1783 Jan 15 j 02:26	4°  ♊59'08	1.38167 AU		-1783 Dec 17 j 19:06	0°  ♊☿	
				morning set	-1783 Dec 22 j 23:43	8°  ♊21'44	
superior conj	-1783 Jan 22 j 04:21	18°  ♊06'13	-1°49'18	max. Earth dist.	-1783 Dec 27 j 22:11	16°  ♊37'14	1.40270 AU
minimum elong	-1783 Jan 22 j 07:22	18°  ♊20'34	1°49'08				
	-1783 Jan 28 j 06:54	0°  ♊☿		superior conj	-1782 Jan 04 j 17:01	0°  ♊19'22	-1°58'24
evening rise	-1783 Jan 30 j 23:33	5°  ♊18'57		minimum elong	-1782 Jan 04 j 17:56	0°  ♊23'28	1°58'24
asc. node	-1783 Feb 05 j 06:38	15°  ♊29'50			-1782 Jan 04 j 12:45	0°  ♊☿	
	-1783 Feb 14 j 14:25	0°  ♊☿		evening rise	-1782 Jan 14 j 12:53	18°  ♊41'00	
evening max el	-1783 Feb 16 j 14:11	2°  ♊07'11	18°58'59		-1782 Jan 20 j 14:58	0°  ♊☿	
retrograde	-1783 Feb 25 j 01:32	6°  ♊11'41		asc. node	-1782 Jan 23 j 03:40	4°  ♊22'38	
evening set	-1783 Feb 27 j 09:27	5°  ♊54'29		evening max el	-1782 Jan 30 j 18:52	14°  ♊44'48	18°23'50
inferior conj	-1783 Mar 07 j 09:00	1°  ♊38'53	2°44'13	retrograde	-1782 Feb 07 j 03:33	18°  ♊22'34	
minimum elong	-1783 Mar 07 j 13:39	1°  ♊30'40	2°43'04	evening set	-1782 Feb 09 j 16:00	17°  ♊58'19	
	-1783 Mar 09 j 16:51	30°  ♊☿		inferior conj	-1782 Feb 16 j 22:18	13°  ♊22'34	3°35'43
min. Earth dist.	-1783 Mar 10 j 13:02	29°  ♊25'21	0.57135 AU	minimum elong	-1782 Feb 17 j 01:19	13°  ♊16'21	3°35'16
morning rise	-1783 Mar 15 j 14:56	26°  ♊34'47		min. Earth dist.	-1782 Feb 20 j 08:25	10°  ♊34'37	0.59062 AU
desc. node	-1783 Mar 18 j 04:12	25°  ♊46'47		morning rise	-1782 Feb 24 j 08:20	7°  ♊53'03	
direct	-1783 Mar 20 j 20:40	25°  ♊29'23		direct	-1782 Mar 02 j 15:02	6°  ♊09'20	
	-1783 Mar 31 j 20:07	0°  ♊☿		desc. node	-1782 Mar 05 j 01:16	6°  ♊24'27	
morning max el	-1783 Apr 04 j 03:21	2°  ♊53'10	25°41'59	morning max el	-1782 Mar 16 j 22:04	13°  ♊48'20	26°55'52
	-1783 Apr 23 j 09:36	0°  ♊☿			-1782 Mar 29 j 19:57	0°  ♊☿	
morning set	-1783 May 01 j 15:56	16°  ♊15'31			-1782 Apr 15 j 12:46	0°  ♊☿	
asc. node	-1783 May 04 j 06:02	21°  ♊46'28					

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning set	-1782 Apr 16 j 02:02	1°♂08'58		desc. node	-1781 Feb 19 j 22:18	19°♂46'44	
asc. node	-1782 Apr 21 j 03:04	11°♂57'08		morning max el	-1781 Feb 26 j 23:00	25°♂21'59	27°37'47
					-1781 Mar 03 j 06:05	0°≈	
superior conj	-1782 Apr 23 j 03:41	16°♂23'19	0°21'15		-1781 Mar 23 j 04:35	0°℥	
minimum elong	-1782 Apr 23 j 02:45	16°♂18'11	0°21'04	morning set	-1781 Mar 31 j 08:33	15°℥49'46	
max. Earth dist.	-1782 Apr 22 j 23:58	16°♂02'55	1.32448 AU	max. Earth dist.	-1781 Apr 06 j 12:11	28°℥53'50	1.32549 AU
	-1782 Apr 29 j 10:25	0°♂			-1781 Apr 07 j 00:20	0°♂	
evening rise	-1782 Apr 30 j 02:26	1°♂24'17					
	-1782 May 15 j 17:02	0°♂		superior conj	-1781 Apr 07 j 14:49	1°♂18'56	-0°04'06
evening max el	-1782 May 29 j 04:24	17°♂00'11	26°20'25	minimum elong	-1781 Apr 07 j 15:00	1°♂19'57	0°04'03
desc. node	-1782 Jun 01 j 00:27	19°♂29'38		behind sun begin	-1781 Apr 07 j 10:05	0°♂53'06	
retrograde	-1782 Jun 12 j 05:46	24°♂16'05		behind sun end	-1781 Apr 07 j 19:55	1°♂46'48	
evening set	-1782 Jun 18 j 14:45	22°♂34'36		asc. node	-1781 Apr 08 j 00:05	2°♂09'35	
min. Earth dist.	-1782 Jun 22 j 17:31	19°♂55'12	0.59528 AU	evening rise	-1781 Apr 14 j 13:25	16°♂20'42	
inferior conj	-1782 Jun 26 j 02:06	17°♂18'12	-4°33'38		-1781 Apr 21 j 09:07	0°♂	
minimum elong	-1782 Jun 26 j 02:28	17°♂17'29	4°33'36	evening max el	-1781 May 10 j 22:43	28°♂07'26	25°03'57
morning rise	-1782 Jul 03 j 16:23	12°♂44'56			-1781 May 13 j 00:48	0°♂	
direct	-1782 Jul 06 j 04:33	12°♂22'39		desc. node	-1781 May 18 j 21:28	3°♂50'04	
morning max el	-1782 Jul 13 j 20:24	16°♂03'30	18°21'54	retrograde	-1781 May 24 j 23:11	5°♂15'00	
asc. node	-1782 Jul 18 j 02:19	21°♂04'29		evening set	-1781 May 30 j 04:27	4°♂12'21	
	-1782 Jul 23 j 16:14	0°♂		min. Earth dist.	-1781 Jun 04 j 10:36	1°♂22'26	0.57560 AU
morning set	-1782 Jul 29 j 21:54	11°♂34'37			-1781 Jun 06 j 11:46	30°♂	
				inferior conj	-1781 Jun 07 j 12:02	29°♂18'39	-4°18'38
superior conj	-1782 Aug 08 j 03:48	29°♂01'05	1°43'48	minimum elong	-1781 Jun 07 j 08:15	29°♂25'05	4°18'09
minimum elong	-1782 Aug 08 j 06:03	29°♂11'22	1°43'43	morning rise	-1781 Jun 15 j 14:51	25°♂06'27	
	-1782 Aug 08 j 16:40	0°♂		direct	-1781 Jun 18 j 03:52	24°♂47'24	
max. Earth dist.	-1782 Aug 15 j 14:54	12°♂17'37	1.40472 AU	morning max el	-1781 Jun 26 j 22:57	28°♂53'59	19°05'25
evening rise	-1782 Aug 20 j 05:35	20°♂04'15			-1781 Jun 28 j 01:35	0°♂	
	-1782 Aug 26 j 09:34	0°♂		asc. node	-1781 Jul 04 j 23:22	9°♂24'44	
desc. node	-1782 Aug 27 j 23:47	2°♂29'00		morning set	-1781 Jul 13 j 18:49	25°♂42'52	
	-1782 Sep 16 j 07:34	0°♂			-1781 Jul 15 j 22:44	0°♂	
evening max el	-1782 Sep 23 j 18:31	8°♂34'47	23°21'57				
retrograde	-1782 Oct 04 j 04:10	14°♂43'47		superior conj	-1781 Jul 22 j 03:46	12°♂11'48	1°48'12
evening set	-1782 Oct 09 j 03:28	12°♂40'03		minimum elong	-1781 Jul 22 j 03:46	12°♂11'48	1°48'15
inferior conj	-1782 Oct 14 j 11:36	6°♂19'56	0°08'46	max. Earth dist.	-1781 Jul 28 j 17:37	24°♂30'13	1.38484 AU
minimum elong	-1782 Oct 14 j 11:24	6°♂20'39	0°08'40		-1781 Jul 31 j 19:37	0°♂	
transit middle	-1782 Oct 14 j 11:24	6°♂20'39	0°08'40	evening rise	-1781 Aug 01 j 14:00	1°♂20'18	
transit begin	-1782 Oct 14 j 09:06	6°♂28'31		desc. node	-1781 Aug 14 j 20:48	22°♂55'22	
transit end	-1782 Oct 14 j 13:42	6°♂12'47			-1781 Aug 19 j 15:40	0°♂	
min. Earth dist.	-1782 Oct 14 j 03:08	6°♂48'58	0.67535 AU	evening max el	-1781 Sep 06 j 06:17	22°♂06'49	24°41'15
asc. node	-1782 Oct 14 j 01:26	6°♂54'48		retrograde	-1781 Sep 17 j 17:29	28°♂48'09	
morning rise	-1782 Oct 19 j 19:14	0°♂09'57		evening set	-1781 Sep 23 j 07:35	26°♂26'05	
	-1782 Oct 20 j 00:26	30°♂		min. Earth dist.	-1781 Sep 27 j 22:14	21°♂09'30	0.67257 AU
direct	-1782 Oct 23 j 23:38	28°♂32'26		inferior conj	-1781 Sep 28 j 17:13	20°♂06'17	-0°45'44
	-1782 Oct 28 j 07:34	0°♂		minimum elong	-1781 Sep 28 j 18:20	20°♂02'35	0°45'15
morning max el	-1782 Nov 01 j 14:59	3°♂37'04	21°19'54	asc. node	-1781 Sep 30 j 22:30	17°♂15'01	
	-1782 Nov 21 j 08:09	0°♂		morning rise	-1781 Oct 04 j 05:06	14°♂02'43	
desc. node	-1782 Nov 23 j 23:08	3°♂56'23		direct	-1781 Oct 07 j 21:07	12°♂45'18	
morning set	-1782 Dec 02 j 12:06	17°♂06'48		morning max el	-1781 Oct 15 j 13:55	17°♂12'05	20°07'46
max. Earth dist.	-1782 Dec 10 j 00:12	29°♂10'28	1.42233 AU		-1781 Oct 25 j 14:48	0°♂	
	-1782 Dec 10 j 12:15	0°♂		desc. node	-1781 Nov 10 j 20:09	24°♂24'32	
				morning set	-1781 Nov 11 j 09:26	25°♂15'50	
superior conj	-1782 Dec 17 j 07:51	11°♂28'00	-1°55'21		-1781 Nov 14 j 10:37	0°♂	
minimum elong	-1782 Dec 17 j 04:53	11°♂15'17	1°55'17	max. Earth dist.	-1781 Nov 22 j 10:16	12°♂36'13	1.43781 AU
	-1782 Dec 27 j 18:55	0°♂					
evening rise	-1782 Dec 28 j 13:12	1°♂22'49		superior conj	-1781 Nov 27 j 20:00	21°♂20'56	-1°36'06
asc. node	-1781 Jan 10 j 00:42	22°♂38'59		minimum elong	-1781 Nov 27 j 13:00	20°♂52'19	1°35'32
evening max el	-1781 Jan 14 j 04:53	27°♂44'59	18°08'36		-1781 Dec 03 j 01:22	0°♂	
	-1781 Jan 17 j 00:13	0°≈		evening rise	-1781 Dec 10 j 20:15	13°♂15'35	
retrograde	-1781 Jan 20 j 22:24	1°≈11'44			-1781 Dec 20 j 16:47	0°♂	
evening set	-1781 Jan 23 j 14:46	0°≈39'13		asc. node	-1781 Dec 27 j 21:43	10°♂07'15	
	-1781 Jan 24 j 23:06	30°♂		evening max el	-1781 Dec 28 j 17:14	10°♂58'49	18°12'39
inferior conj	-1781 Jan 30 j 06:53	25°♂41'47	3°55'20	retrograde	-1780 Jan 04 j 05:33	14°♂27'44	
minimum elong	-1781 Jan 30 j 07:24	25°♂40'35	3°55'17	evening set	-1780 Jan 07 j 01:49	13°♂46'07	
min. Earth dist.	-1781 Feb 02 j 10:06	22°♂44'00	0.61125 AU	inferior conj	-1780 Jan 13 j 07:00	8°♂28'09	3°51'17
morning rise	-1781 Feb 05 j 22:37	19°♂55'12		minimum elong	-1780 Jan 13 j 05:30	8°♂32'12	3°51'08
direct	-1781 Feb 12 j 19:54	17°♂35'57		min. Earth dist.	-1780 Jan 15 j 20:50	5°♂42'30	0.63049 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning rise	-1780 Jan 19 j 08:25	2° Z 30'08		min. Earth dist.	-1780 Dec 28 j 17:36	19° Z 16'25	0.64672 AU
	-1780 Jan 24 j 08:56	30° R Z		morning rise	-1779 Jan 01 j 10:11	15° Z 29'06	
direct	-1780 Jan 26 j 09:09	29° Z 47'06		direct	-1779 Jan 08 j 05:46	12° Z 37'02	
	-1780 Jan 28 j 10:48	0° Z		morning max el	-1779 Jan 21 j 14:53	20° Z 20'47	27°13'34
desc. node	-1780 Feb 06 j 19:21	5° Z 20'06		desc. node	-1779 Jan 23 j 16:24	22° Z 29'39	
morning max el	-1780 Feb 09 j 05:28	7° Z 35'33	27°43'05		-1779 Jan 29 j 23:25	0° Z	
	-1780 Feb 26 j 11:15	0° \approx			-1779 Feb 18 j 12:19	0° \approx	
morning set	-1780 Mar 14 j 09:09	0° X 09'08		morning set	-1779 Feb 26 j 00:58	13° \approx 57'51	
	-1780 Mar 14 j 07:20	0° X		max. Earth dist.	-1779 Mar 02 j 18:23	23° \approx 24'57	1.33907 AU
max. Earth dist.	-1780 Mar 19 j 19:41	11° X 25'21	1.33021 AU		-1779 Mar 05 j 22:24	0° X	
superior conj	-1780 Mar 21 j 23:33	16° X 03'04	-0°30'07	superior conj	-1779 Mar 06 j 04:03	0° X 29'45	-0°55'49
minimum elong	-1780 Mar 22 j 00:57	16° X 10'36	0°29'50	minimum elong	-1779 Mar 06 j 06:35	0° X 43'08	0°55'22
asc. node	-1780 Mar 24 j 21:06	22° X 18'53		asc. node	-1779 Mar 11 j 18:06	12° X 21'00	
	-1780 Mar 28 j 10:59	0° Y		evening rise	-1779 Mar 13 j 11:52	16° X 00'41	
evening rise	-1780 Mar 29 j 01:09	1° Y 14'52			-1779 Mar 20 j 13:35	0° Y	
	-1780 Apr 14 j 02:57	0° Z		evening max el	-1779 Apr 03 j 08:08	19° Y 29'50	21°57'56
evening max el	-1780 Apr 21 j 13:44	8° Z 47'33	23°31'35	retrograde	-1779 Apr 15 j 22:23	25° Y 38'09	
desc. node	-1780 May 04 j 18:29	15° Z 34'45		evening set	-1779 Apr 18 j 14:46	25° Y 22'06	
retrograde	-1780 May 05 j 04:25	15° Z 35'08		desc. node	-1779 Apr 21 j 15:31	24° Y 28'38	
evening set	-1780 May 08 j 23:54	15° Z 03'09		min. Earth dist.	-1779 Apr 27 j 13:44	21° Y 31'29	0.55141 AU
min. Earth dist.	-1780 May 16 j 00:18	11° Z 49'16	0.55986 AU	inferior conj	-1779 Apr 28 j 00:24	21° Y 16'29	-1°46'06
inferior conj	-1780 May 18 j 01:51	10° Z 35'20	-3°23'08	minimum elong	-1779 Apr 27 j 19:37	21° Y 23'13	1°44'30
minimum elong	-1780 May 17 j 19:14	10° Z 45'15	3°21'29	morning rise	-1779 May 07 j 01:42	17° Y 19'20	
morning rise	-1780 May 26 j 17:24	6° Z 38'01		direct	-1779 May 09 j 21:30	17° Y 01'32	
direct	-1780 May 29 j 07:54	6° Z 21'09		morning max el	-1779 May 21 j 21:46	22° Y 40'25	21°32'54
morning max el	-1780 Jun 08 j 15:48	11° Z 08'02	20°09'43		-1779 May 28 j 05:42	0° Z	
asc. node	-1780 Jun 20 j 20:25	28° Z 22'01		asc. node	-1779 Jun 07 j 17:27	17° Z 47'07	
	-1780 Jun 21 j 17:37	0° II		morning set	-1779 Jun 11 j 07:11	25° Z 00'37	
morning set	-1780 Jun 26 j 22:42	10° II 13'47			-1779 Jun 13 j 16:34	0° II	
superior conj	-1780 Jul 04 j 17:14	26° II 04'42	1°43'59	superior conj	-1779 Jun 18 j 16:10	10° II 27'29	1°33'09
minimum elong	-1780 Jul 04 j 15:40	25° II 56'48	1°43'55	minimum elong	-1779 Jun 18 j 13:46	10° II 15'01	1°32'56
	-1780 Jul 06 j 16:25	0° III		max. Earth dist.	-1779 Jun 22 j 10:42	18° II 11'35	1.35037 AU
max. Earth dist.	-1780 Jul 09 j 22:23	6° III 19'26	1.36610 AU	evening rise	-1779 Jun 26 j 22:36	27° II 01'43	
evening rise	-1780 Jul 13 j 21:21	13° III 43'50			-1779 Jun 28 j 12:16	0° III	
	-1780 Jul 23 j 07:06	0° IV			-1779 Jul 16 j 14:37	0° IV	
desc. node	-1780 Jul 31 j 17:48	13° IV 05'24		desc. node	-1779 Jul 18 j 14:49	2° IV 51'22	
	-1780 Aug 13 j 10:59	0° V		evening max el	-1779 Aug 01 j 04:48	19° IV 11'49	26°48'04
evening max el	-1780 Aug 18 j 17:20	5° V 40'56	25°52'36	retrograde	-1779 Aug 14 j 06:15	26° IV 29'37	
retrograde	-1780 Aug 31 j 02:22	12° V 45'51		evening set	-1779 Aug 20 j 23:49	23° IV 43'29	
evening set	-1780 Sep 06 j 07:08	10° V 08'27		min. Earth dist.	-1779 Aug 24 j 22:41	19° IV 41'12	0.65687 AU
min. Earth dist.	-1780 Sep 10 j 13:31	5° V 28'32	0.66648 AU	inferior conj	-1779 Aug 26 j 17:25	17° IV 35'00	-2°33'08
inferior conj	-1780 Sep 11 j 19:50	3° V 52'33	-1°40'20	minimum elong	-1779 Aug 26 j 21:02	17° IV 24'21	2°31'50
minimum elong	-1780 Sep 11 j 22:16	3° V 44'48	1°39'20	morning rise	-1779 Sep 01 j 18:42	11° IV 53'07	
	-1780 Sep 15 j 02:57	30° R IV		asc. node	-1779 Sep 03 j 16:38	11° IV 11'33	
asc. node	-1780 Sep 16 j 19:33	28° IV 29'27		direct	-1779 Sep 04 j 16:33	11° IV 06'00	
morning rise	-1780 Sep 17 j 13:38	27° IV 58'20		morning max el	-1779 Sep 11 j 07:52	14° IV 45'03	18°27'15
direct	-1780 Sep 20 j 19:23	26° IV 57'50			-1779 Sep 22 j 08:02	0° V	
	-1780 Sep 26 j 20:53	0° V		morning set	-1779 Sep 30 j 23:48	13° V 58'59	
morning max el	-1780 Sep 27 j 20:09	0° V 56'17	19°09'37		-1779 Oct 10 j 22:58	0° V	
	-1780 Oct 18 j 02:47	0° VI		desc. node	-1779 Oct 14 j 14:12	5° VI 45'46	
morning set	-1780 Oct 20 j 15:51	3° VI 59'04		superior conj	-1779 Oct 16 j 06:52	8° VI 26'17	-0°10'58
desc. node	-1780 Oct 27 j 17:11	15° VI 02'24		minimum elong	-1779 Oct 16 j 05:26	8° VI 20'35	0°10'46
max. Earth dist.	-1780 Nov 04 j 01:57	26° VI 36'57	1.44711 AU	behind sun begin	-1779 Oct 15 j 20:52	7° VI 46'49	
superior conj	-1780 Nov 06 j 06:58	0° VII 06'26	-0°59'19	behind sun end	-1779 Oct 16 j 13:59	8° VI 54'20	
minimum elong	-1780 Nov 05 j 23:59	29° VI 38'48	0°58'30	max. Earth dist.	-1779 Oct 17 j 19:56	10° VI 52'16	1.44926 AU
	-1780 Nov 06 j 05:20	0° VII			-1779 Oct 30 j 00:08	0° VII	
evening rise	-1780 Nov 21 j 05:41	24° VII 11'51		evening rise	-1779 Nov 01 j 14:47	4° VII 06'33	
	-1780 Nov 24 j 18:25	0° VIII		greatest brilliancy	-1779 Nov 11 j 13:31	19° VII 43'54	-0.8m
evening max el	-1780 Dec 11 j 05:17	24° VIII 21'03	18°35'13		-1779 Nov 18 j 09:53	0° VIII	
asc. node	-1780 Dec 13 j 18:45	26° VIII 34'23		evening max el	-1779 Nov 24 j 14:40	7° VIII 47'11	19°15'09
retrograde	-1780 Dec 17 j 20:44	28° VIII 02'52		asc. node	-1779 Nov 30 j 15:48	11° VIII 45'02	
evening set	-1780 Dec 20 j 21:48	27° VIII 10'59		retrograde	-1779 Dec 01 j 16:21	11° VIII 50'55	
inferior conj	-1780 Dec 26 j 18:51	21° VIII 34'49	3°30'35	evening set	-1779 Dec 04 j 23:55	10° VIII 46'56	
minimum elong	-1780 Dec 26 j 16:13	21° VIII 42'37	3°30'04	inferior conj	-1779 Dec 10 j 15:03	4° VIII 55'22	2°58'10

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1779 Dec 10 j 12:06	5°♂04'49	2°57'20			-1778 Oct 23 j 03:37	0°♂	
min. Earth dist.	-1779 Dec 11 j 23:24	3°♂12'15	0.65927 AU	greatest brilliancy	-1778 Oct 26 j 02:38	4°♂24'49	-0.6m	
	-1779 Dec 14 j 16:58	30°♂		evening max el	-1778 Nov 07 j 19:29	21°♂14'40	20°10'34	
morning rise	-1779 Dec 15 j 24:00	28°♂44'40		retrograde	-1778 Nov 15 j 13:42	25°♂47'59		
direct	-1779 Dec 22 j 08:40	25°♂57'16		asc. node	-1778 Nov 17 j 12:53	25°♂25'45		
	-1779 Dec 31 j 06:39	0°♂		evening set	-1778 Nov 19 j 05:48	24°♂29'39		
morning max el	-1778 Jan 04 j 00:24	3°♂24'21	26°15'50	inferior conj	-1778 Nov 24 j 16:56	18°♂25'39	2°17'21	
desc. node	-1778 Jan 10 j 13:28	10°♂47'13		minimum elong	-1778 Nov 24 j 14:15	18°♂34'38	2°16'24	
	-1778 Jan 24 j 06:52	0°♂		min. Earth dist.	-1778 Nov 25 j 12:19	17°♂20'41	0.66808 AU	
morning set	-1778 Feb 09 j 04:07	27°♂03'58		morning rise	-1778 Nov 29 j 22:30	12°♂12'14		
	-1778 Feb 10 j 17:27	0°♂		direct	-1778 Dec 05 j 17:02	9°♂39'38		
max. Earth dist.	-1778 Feb 13 j 05:25	4°♂49'06	1.35242 AU	morning max el	-1778 Dec 17 j 08:56	16°♂36'03	24°58'54	
				desc. node	-1778 Dec 28 j 10:31	29°♂52'46		
superior conj	-1778 Feb 18 j 01:59	14°♂32'07	-1°19'47		-1778 Dec 28 j 12:40	0°♂		
minimum elong	-1778 Feb 18 j 05:20	14°♂49'15	1°19'19		-1777 Jan 17 j 05:59	0°♂		
evening rise	-1778 Feb 25 j 19:44	0°♂32'13		morning set	-1777 Jan 22 j 13:18	9°♂11'46		
	-1778 Feb 25 j 13:28	0°♂		max. Earth dist.	-1777 Jan 26 j 05:39	15°♂52'51	1.37011 AU	
asc. node	-1778 Feb 26 j 15:09	2°♂11'37						
	-1778 Mar 15 j 19:40	0°♂		superior conj	-1777 Feb 01 j 14:19	28°♂01'01	-1°40'11	
evening max el	-1778 Mar 16 j 11:47	0°♂39'41	20°34'41	minimum elong	-1777 Feb 01 j 17:46	28°♂18'01	1°39'52	
retrograde	-1778 Mar 27 j 11:46	5°♂55'30			-1777 Feb 02 j 14:29	0°♂		
evening set	-1778 Mar 29 j 17:00	5°♂43'32		evening rise	-1777 Feb 09 j 22:33	14°♂42'31		
inferior conj	-1778 Apr 07 j 19:41	1°♂46'05	0°11'55	asc. node	-1777 Feb 13 j 12:12	21°♂45'03		
minimum elong	-1778 Apr 07 j 20:14	1°♂45'17	0°11'44		-1777 Feb 18 j 00:03	0°♂		
transit middle	-1778 Apr 07 j 20:14	1°♂45'17	0°11'44	evening max el	-1777 Feb 27 j 02:20	12°♂25'51	19°28'18	
transit begin	-1778 Apr 07 j 17:30	1°♂49'15		retrograde	-1777 Mar 08 j 09:30	16°♂52'23		
transit end	-1778 Apr 07 j 22:58	1°♂41'19		evening set	-1777 Mar 10 j 15:23	16°♂38'02		
desc. node	-1778 Apr 08 j 12:34	1°♂21'35		inferior conj	-1777 Mar 19 j 01:34	12°♂31'57	1°57'53	
min. Earth dist.	-1778 Apr 09 j 03:47	0°♂59'36	0.55231 AU	minimum elong	-1777 Mar 19 j 05:51	12°♂25'00	1°56'35	
	-1778 Apr 10 j 22:13	30°♂		min. Earth dist.	-1777 Mar 21 j 18:24	10°♂47'20	0.56237 AU	
morning rise	-1778 Apr 16 j 22:11	27°♂30'40		desc. node	-1777 Mar 26 j 09:38	8°♂16'58		
direct	-1778 Apr 20 j 09:40	27°♂04'21		morning rise	-1777 Mar 27 j 17:40	7°♂46'24		
	-1778 Apr 29 j 06:34	0°♂		direct	-1777 Apr 01 j 07:09	6°♂59'14		
morning max el	-1778 May 03 j 18:05	3°♂34'48	23°09'32	morning max el	-1777 Apr 15 j 09:06	14°♂07'30	24°49'08	
	-1778 May 21 j 19:58	0°♂			-1777 Apr 27 j 19:59	0°♂		
asc. node	-1778 May 25 j 14:31	7°♂32'52		morning set	-1777 May 11 j 06:31	24°♂58'24		
morning set	-1778 May 26 j 18:24	9°♂57'49		asc. node	-1777 May 12 j 11:34	27°♂32'13		
					-1777 May 13 j 15:10	0°♂		
superior conj	-1778 Jun 02 j 21:32	25°♂10'58	1°17'19					
minimum elong	-1778 Jun 02 j 18:57	24°♂57'15	1°16'58	superior conj	-1777 May 18 j 06:52	10°♂06'00	0°57'40	
	-1778 Jun 05 j 04:02	0°♂		minimum elong	-1777 May 18 j 04:38	9°♂53'54	0°57'18	
max. Earth dist.	-1778 Jun 05 j 09:03	0°♂26'25	1.33842 AU	max. Earth dist.	-1777 May 19 j 15:50	13°♂04'39	1.33023 AU	
evening rise	-1778 Jun 10 j 13:04	11°♂00'37		evening rise	-1777 May 25 j 12:43	25°♂27'08		
	-1778 Jun 20 j 20:10	0°♂			-1777 May 27 j 19:01	0°♂		
desc. node	-1778 Jul 05 j 11:51	22°♂03'12			-1777 Jun 14 j 08:27	0°♂		
	-1778 Jul 12 j 04:41	0°♂		desc. node	-1777 Jun 22 j 08:52	10°♂25'42		
evening max el	-1778 Jul 14 j 16:17	2°♂30'47	27°20'03	evening max el	-1777 Jun 27 j 01:31	15°♂23'38	27°22'30	
retrograde	-1778 Jul 28 j 04:34	9°♂52'04		retrograde	-1777 Jul 10 j 20:26	22°♂43'40		
evening set	-1778 Aug 04 j 06:53	7°♂07'15		evening set	-1777 Jul 18 j 00:42	20°♂12'59		
min. Earth dist.	-1778 Aug 07 j 23:37	3°♂40'50	0.64363 AU	min. Earth dist.	-1777 Jul 21 j 14:36	17°♂15'56	0.62682 AU	
inferior conj	-1778 Aug 10 j 07:43	1°♂09'40	-3°21'32	inferior conj	-1777 Jul 24 j 11:47	14°♂29'24	-4°01'49	
minimum elong	-1778 Aug 10 j 11:59	0°♂58'07	3°20'18	minimum elong	-1777 Jul 24 j 15:48	14°♂19'42	4°01'02	
	-1778 Aug 11 j 09:50	30°♂		morning rise	-1777 Jul 31 j 08:03	9°♂21'54		
morning rise	-1778 Aug 16 j 17:51	25°♂43'17		direct	-1777 Aug 02 j 21:27	8°♂51'55		
direct	-1778 Aug 19 j 10:19	25°♂06'06		asc. node	-1777 Aug 08 j 10:48	11°♂15'10		
asc. node	-1778 Aug 21 j 13:43	25°♂29'52		morning max el	-1777 Aug 09 j 13:49	12°♂16'47	17°54'34	
morning max el	-1778 Aug 25 j 22:40	28°♂33'58	18°01'53		-1777 Aug 21 j 12:58	0°♂		
	-1778 Aug 27 j 06:35	0°♂		morning set	-1777 Aug 25 j 21:53	7°♂45'08		
morning set	-1778 Sep 12 j 11:29	25°♂19'25						
	-1778 Sep 15 j 05:46	0°♂		superior conj	-1777 Sep 06 j 07:01	27°♂36'30	1°13'24	
superior conj	-1778 Sep 25 j 18:06	17°♂23'02	0°36'38	minimum elong	-1777 Sep 06 j 12:20	27°♂58'58	1°12'51	
minimum elong	-1778 Sep 25 j 22:08	17°♂39'19	0°36'06		-1777 Sep 07 j 17:06	0°♂		
max. Earth dist.	-1778 Sep 30 j 13:40	25°♂06'05	1.44416 AU	max. Earth dist.	-1777 Sep 13 j 04:19	9°♂01'03	1.43245 AU	
desc. node	-1778 Oct 01 j 11:14	26°♂31'40		desc. node	-1777 Sep 18 j 08:15	17°♂16'56		
	-1778 Oct 03 j 16:01	0°♂		evening rise	-1777 Sep 21 j 09:04	22°♂02'15		
evening rise	-1778 Oct 12 j 03:16	13°♂11'16			-1777 Sep 26 j 13:17	0°♂		
					-1777 Oct 17 j 15:12	0°♂		

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening max el	-1777 Oct 21 j 18:26	4° \mathbb{M} 42'04	21°18'44			-1776 Sep 19 j 00:47	0° $\underline{\mathbf{a}}$	
retrograde	-1777 Oct 30 j 10:42	9° \mathbb{M} 51'09		evening max el	-1776 Oct 03 j 11:31	18° $\underline{\mathbf{a}}$ 09'12	22°35'45	
evening set	-1777 Nov 03 j 13:27	8° \mathbb{M} 16'13		retrograde	-1776 Oct 13 j 05:42	23° $\underline{\mathbf{a}}$ 57'09		
asc. node	-1777 Nov 04 j 09:57	7° \mathbb{M} 32'26		evening set	-1776 Oct 17 j 21:03	22° $\underline{\mathbf{a}}$ 03'59		
inferior conj	-1777 Nov 08 j 22:13	2° \mathbb{M} 03'02	1°30'31	asc. node	-1776 Oct 21 j 07:01	18° $\underline{\mathbf{a}}$ 20'50		
minimum elong	-1777 Nov 08 j 20:16	2° \mathbb{M} 09'45	1°29'43	inferior conj	-1776 Oct 23 j 04:59	15° $\underline{\mathbf{a}}$ 45'07	0°39'25	
min. Earth dist.	-1777 Nov 09 j 06:05	1° \mathbb{M} 35'57	0.67338 AU	minimum elong	-1776 Oct 23 j 04:04	15° $\underline{\mathbf{a}}$ 48'16	0°39'01	
	-1777 Nov 10 j 10:21	30° \mathbf{R} $\underline{\mathbf{a}}$		min. Earth dist.	-1776 Oct 23 j 02:18	15° $\underline{\mathbf{a}}$ 54'22	0.67547 AU	
morning rise	-1777 Nov 14 j 02:55	25° $\underline{\mathbf{a}}$ 49'05		morning rise	-1776 Oct 28 j 10:59	9° $\underline{\mathbf{a}}$ 32'58		
direct	-1777 Nov 19 j 06:06	23° $\underline{\mathbf{a}}$ 37'02		direct	-1776 Nov 01 j 23:13	7° $\underline{\mathbf{a}}$ 43'14		
morning max el	-1777 Nov 29 j 17:51	29° $\underline{\mathbf{a}}$ 52'01	23°32'46	morning max el	-1776 Nov 11 j 06:09	13° $\underline{\mathbf{a}}$ 13'06	22°06'31	
	-1777 Nov 29 j 21:00	0° \mathbb{M}			-1776 Nov 24 j 13:46	0° \mathbb{M}		
desc. node	-1777 Dec 15 j 07:34	19° \mathbb{M} 32'24		desc. node	-1776 Dec 01 j 04:35	9° \mathbb{M} 35'49		
	-1777 Dec 22 j 09:45	0° \mathbf{J}		morning set	-1776 Dec 14 j 02:21	29° \mathbb{M} 33'21		
morning set	-1776 Jan 03 j 22:19	20° \mathbf{J} 05'03			-1776 Dec 14 j 08:58	0° \mathbf{J}		
max. Earth dist.	-1776 Jan 08 j 01:16	27° \mathbf{J} 10'58	1.39061 AU	max. Earth dist.	-1776 Dec 19 j 23:27	9° \mathbf{J} 12'29	1.41136 AU	
	-1776 Jan 09 j 15:33	0° \mathbf{Z}						
superior conj	-1776 Jan 15 j 13:03	10° \mathbf{Z} 45'46	-1°54'23	superior conj	-1776 Dec 27 j 17:01	22° \mathbf{J} 32'24	-1°58'51	
minimum elong	-1776 Jan 15 j 15:24	10° \mathbf{Z} 56'42	1°54'17	minimum elong	-1776 Dec 27 j 16:28	22° \mathbf{J} 29'58	1°58'52	
evening rise	-1776 Jan 24 j 17:44	28° \mathbf{Z} 24'55			-1776 Dec 31 j 20:31	0° \mathbf{Z}		
	-1776 Jan 25 j 13:23	0° \approx		evening rise	-1775 Jan 07 j 01:58	11° \mathbf{Z} 30'44		
asc. node	-1776 Jan 31 j 09:15	10° \approx 55'11		asc. node	-1775 Jan 17 j 06:17	29° \mathbf{Z} 33'41		
evening max el	-1776 Feb 10 j 02:32	24° \approx 46'41	18°41'31		-1775 Jan 17 j 13:01	0° \approx		
retrograde	-1776 Feb 18 j 01:03	28° \approx 37'56		evening max el	-1775 Jan 23 j 09:43	7° \approx 34'15	18°14'55	
evening set	-1776 Feb 20 j 10:59	28° \approx 17'52		retrograde	-1775 Jan 30 j 10:51	11° \approx 06'01		
inferior conj	-1776 Feb 28 j 02:51	23° \approx 53'40	3°10'26	evening set	-1775 Feb 02 j 00:52	10° \approx 38'28		
minimum elong	-1776 Feb 28 j 07:03	23° \approx 45'44	3°09'33	inferior conj	-1775 Feb 09 j 00:44	5° \approx 53'22	3°47'26	
min. Earth dist.	-1776 Mar 02 j 11:13	21° \approx 23'05	0.57920 AU	minimum elong	-1775 Feb 09 j 02:41	5° \approx 49'05	3°47'14	
morning rise	-1776 Mar 07 j 00:27	18° \approx 37'54		min. Earth dist.	-1775 Feb 12 j 09:00	2° \approx 58'10	0.59936 AU	
desc. node	-1776 Mar 12 j 06:41	17° \approx 17'32		morning rise	-1775 Feb 16 j 02:32	0° \approx 15'20		
direct	-1776 Mar 12 j 17:42	17° \approx 17'00			-1775 Feb 16 j 13:08	30° \mathbf{R} \mathbf{Z}		
morning max el	-1776 Mar 27 j 01:14	24° \approx 47'42	26°16'43	direct	-1775 Feb 22 j 16:34	28° \mathbf{Z} 15'42		
	-1776 Mar 31 j 20:14	0° \mathbf{H}		desc. node	-1775 Feb 27 j 03:44	29° \mathbf{Z} 07'22		
	-1776 Apr 19 j 19:56	0° \mathbf{Y}			-1775 Mar 01 j 02:40	0° \approx		
morning set	-1776 Apr 24 j 17:52	9° \mathbf{Y} 56'33		morning max el	-1775 Mar 08 j 22:46	5° \approx 58'53	27°18'05	
asc. node	-1776 Apr 28 j 08:37	17° \mathbf{Y} 40'13			-1775 Mar 26 j 21:08	0° \mathbf{H}		
				morning set	-1775 Apr 09 j 02:43	24° \mathbf{H} 45'50		
superior conj	-1776 May 01 j 18:13	25° \mathbf{Y} 06'03	0°35'11		-1775 Apr 11 j 14:22	0° \mathbf{Y}		
minimum elong	-1776 May 01 j 16:44	24° \mathbf{Y} 57'52	0°34'53	asc. node	-1775 Apr 15 j 05:39	7° \mathbf{Y} 52'18		
max. Earth dist.	-1776 May 02 j 03:39	25° \mathbf{Y} 57'41	1.32561 AU	max. Earth dist.	-1775 Apr 15 j 16:45	8° \mathbf{Y} 53'03	1.32446 AU	
	-1776 May 04 j 00:01	0° \mathbf{B}						
evening rise	-1776 May 08 j 18:33	10° \mathbf{B} 11'22		superior conj	-1775 Apr 16 j 05:54	10° \mathbf{Y} 05'03	0°10'40	
	-1776 May 19 j 02:18	0° \mathbb{I}		minimum elong	-1775 Apr 16 j 05:26	10° \mathbf{Y} 02'25	0°10'34	
evening max el	-1776 Jun 08 j 05:46	27° \mathbb{I} 37'47	26°52'07	behind sun begin	-1775 Apr 16 j 01:40	9° \mathbf{Y} 41'51		
desc. node	-1776 Jun 08 j 05:54	27° \mathbb{I} 38'05		behind sun end	-1775 Apr 16 j 09:11	10° \mathbf{Y} 22'59		
	-1776 Jun 10 j 22:07	0° \mathbf{B}		evening rise	-1775 Apr 23 j 04:13	25° \mathbf{Y} 05'18		
retrograde	-1776 Jun 22 j 05:07	4° \mathbf{B} 55'41			-1775 Apr 25 j 13:07	0° \mathbf{B}		
evening set	-1776 Jun 29 j 00:58	2° \mathbf{B} 52'45			-1775 May 13 j 05:07	0° \mathbb{I}		
min. Earth dist.	-1776 Jul 02 j 19:19	0° \mathbf{B} 12'11	0.60720 AU	evening max el	-1775 May 21 j 03:26	9° \mathbb{I} 07'59	25°50'35	
	-1776 Jul 03 j 01:18	30° \mathbf{R} \mathbb{I}		desc. node	-1775 May 26 j 02:55	13° \mathbb{I} 11'51		
inferior conj	-1776 Jul 06 j 02:13	27° \mathbb{I} 25'43	-4°28'09	retrograde	-1775 Jun 04 j 05:12	16° \mathbb{I} 22'02		
minimum elong	-1776 Jul 06 j 04:26	27° \mathbb{I} 21'00	4°27'57	evening set	-1775 Jun 10 j 03:46	14° \mathbb{I} 56'57		
morning rise	-1776 Jul 13 j 09:42	22° \mathbb{I} 39'53		min. Earth dist.	-1775 Jun 14 j 15:51	12° \mathbb{I} 15'08	0.58663 AU	
direct	-1776 Jul 15 j 21:58	22° \mathbb{I} 15'09		inferior conj	-1775 Jun 17 j 23:26	9° \mathbb{I} 49'27	-4°31'36	
morning max el	-1776 Jul 23 j 02:28	25° \mathbb{I} 46'37	18°06'16	minimum elong	-1775 Jun 17 j 22:06	9° \mathbb{I} 51'54	4°31'30	
asc. node	-1776 Jul 25 j 07:53	28° \mathbb{I} 12'28		morning rise	-1775 Jun 25 j 19:01	5° \mathbb{I} 25'53		
	-1776 Jul 26 j 17:21	0° \mathbf{B}		direct	-1775 Jun 28 j 07:22	5° \mathbb{I} 05'11		
morning set	-1776 Aug 08 j 01:13	20° \mathbf{B} 59'59		morning max el	-1775 Jul 06 j 09:39	8° \mathbb{I} 55'09	18°37'55	
	-1776 Aug 12 j 21:30	0° \mathbf{Q}		asc. node	-1775 Jul 12 j 04:55	16° \mathbb{I} 06'44		
					-1775 Jul 20 j 04:06	0° \mathbf{B}		
superior conj	-1776 Aug 17 j 22:55	9° \mathbf{Q} 10'32	1°36'23	morning set	-1775 Jul 22 j 16:50	4° \mathbf{B} 52'00		
minimum elong	-1776 Aug 18 j 02:33	9° \mathbf{Q} 26'44	1°36'09					
max. Earth dist.	-1776 Aug 25 j 13:24	22° \mathbf{Q} 19'37	1.41570 AU	superior conj	-1775 Jul 31 j 12:55	21° \mathbf{B} 51'30	1°46'53	
	-1776 Aug 30 j 05:06	0° \mathbb{P}		minimum elong	-1775 Jul 31 j 14:09	21° \mathbf{B} 57'16	1°46'52	
evening rise	-1776 Aug 31 j 02:55	1° \mathbb{P} 28'05			-1775 Aug 04 j 23:06	0° \mathbf{Q}		
desc. node	-1776 Sep 04 j 05:15	7° \mathbb{P} 58'04		max. Earth dist.	-1775 Aug 07 j 17:05	4° \mathbf{Q} 53'38	1.39621 AU	
				evening rise	-1775 Aug 11 j 20:42	12° \mathbf{Q} 02'30		

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

desc. node	-1775 Aug 22 j 02:17	28° Ω 31'35		superior conj	-1774 Jul 14 j 19:13	5° Θ 22'04	1°47'21
	-1775 Aug 23 j 01:22	0° Π		minimum elong	-1774 Jul 14 j 18:27	5° Θ 18'20	1°47'21
	-1775 Sep 14 j 10:04	0° Ξ		max. Earth dist.	-1774 Jul 20 j 19:34	16° Θ 52'00	1.37661 AU
evening max el	-1775 Sep 16 j 00:26	1° Ξ 39'07	23°56'08	evening rise	-1774 Jul 24 j 15:30	23° Θ 49'21	
retrograde	-1775 Sep 26 j 21:31	8° Ξ 03'33			-1774 Jul 28 j 04:34	0° Ω	
evening set	-1775 Oct 02 j 02:57	5° Ξ 51'47		desc. node	-1774 Aug 08 j 23:18	18° Ω 51'56	
inferior conj	-1775 Oct 07 j 11:32	29° Π 31'03	-0°14'16		-1774 Aug 16 j 18:18	0° Π	
minimum elong	-1775 Oct 07 j 11:52	29° Π 29'54	0°14'07	evening max el	-1774 Aug 29 j 11:44	15° Π 12'46	25°13'04
transit middle	-1775 Oct 07 j 11:52	29° Π 29'54	0°14'07	retrograde	-1774 Sep 10 j 09:05	22° Π 05'39	
transit begin	-1775 Oct 07 j 10:30	29° Π 34'32		evening set	-1774 Sep 16 j 05:22	19° Π 36'48	
transit end	-1775 Oct 07 j 13:14	29° Π 25'16		min. Earth dist.	-1774 Sep 20 j 16:30	14° Π 35'16	0.67039 AU
min. Earth dist.	-1775 Oct 06 j 22:36	0° Ξ 14'57	0.67451 AU	inferior conj	-1774 Sep 21 j 16:06	13° Π 18'06	-1°08'59
	-1775 Oct 07 j 03:01	30° \mathbb{R} Π		minimum elong	-1774 Sep 21 j 17:47	13° Π 12'36	1°08'16
asc. node	-1775 Oct 08 j 04:03	28° Π 35'07		asc. node	-1774 Sep 25 j 01:06	9° Π 12'47	
morning rise	-1775 Oct 12 j 20:45	23° Π 23'20		morning rise	-1774 Sep 27 j 06:17	7° Π 17'50	
direct	-1775 Oct 16 j 19:31	21° Π 54'51		direct	-1774 Sep 30 j 17:39	6° Π 07'58	
morning max el	-1775 Oct 25 j 00:46	26° Π 42'51	20°47'38	morning max el	-1774 Oct 08 j 02:50	10° Π 21'47	19°41'05
	-1775 Oct 27 j 23:55	0° Ξ			-1774 Oct 22 j 15:01	0° Ξ	
desc. node	-1775 Nov 18 j 01:38	29° Ξ 56'39		morning set	-1774 Nov 02 j 03:52	16° Ξ 10'08	
	-1775 Nov 18 j 02:30	0° \mathbb{L}		desc. node	-1774 Nov 04 j 22:41	20° Ξ 29'36	
morning set	-1775 Nov 23 j 05:41	7° \mathbb{L} 55'01			-1774 Nov 11 j 00:31	0° \mathbb{L}	
max. Earth dist.	-1775 Dec 02 j 04:23	22° \mathbb{L} 07'13	1.42952 AU	max. Earth dist.	-1774 Nov 14 j 16:43	5° \mathbb{L} 48'35	1.44260 AU
	-1775 Dec 06 j 23:35	0° \mathbb{X}					
superior conj	-1775 Dec 08 j 20:47	3° \mathbb{X} 08'59	-1°49'21	superior conj	-1774 Nov 18 j 21:28	12° \mathbb{L} 31'07	-1°22'29
minimum elong	-1775 Dec 08 j 15:56	2° \mathbb{X} 48'34	1°49'06	minimum elong	-1774 Nov 18 j 13:44	12° \mathbb{L} 00'00	1°21'44
evening rise	-1775 Dec 20 j 19:26	23° \mathbb{X} 52'18			-1774 Nov 29 j 13:10	0° \mathbb{X}	
	-1775 Dec 24 j 06:20	0° Θ		evening rise	-1774 Dec 02 j 17:44	5° \mathbb{X} 21'41	
asc. node	-1774 Jan 04 j 03:18	17° Θ 31'00			-1774 Dec 18 j 01:09	0° Θ	
evening max el	-1774 Jan 06 j 21:02	20° Θ 40'47	18°08'03	evening max el	-1774 Dec 21 j 09:38	3° Θ 59'27	18°20'09
retrograde	-1774 Jan 13 j 11:21	24° Θ 07'03		asc. node	-1774 Dec 22 j 00:18	4° Θ 35'23	
evening set	-1774 Jan 16 j 05:14	23° Θ 30'55		retrograde	-1774 Dec 27 j 22:15	7° Θ 32'20	
inferior conj	-1774 Jan 22 j 16:22	18° Θ 24'51	3°56'00	evening set	-1774 Dec 30 j 20:28	6° Θ 46'28	
minimum elong	-1774 Jan 22 j 15:55	18° Θ 25'58	3°55'59	inferior conj	-1773 Jan 05 j 21:53	1° Θ 20'42	3°44'11
min. Earth dist.	-1774 Jan 25 j 14:30	15° Θ 29'30	0.61970 AU	minimum elong	-1773 Jan 05 j 19:48	1° Θ 26'34	3°43'53
morning rise	-1774 Jan 29 j 01:27	12° Θ 32'40			-1773 Jan 07 j 02:29	30° \mathbb{R} \mathbb{X}	
direct	-1774 Feb 05 j 01:29	10° Θ 01'11		min. Earth dist.	-1773 Jan 08 j 05:26	28° \mathbb{X} 45'09	0.63784 AU
desc. node	-1774 Feb 14 j 00:47	13° Θ 29'21		morning rise	-1773 Jan 11 j 18:33	25° \mathbb{X} 19'19	
morning max el	-1774 Feb 19 j 02:15	17° Θ 49'51	27°44'30	direct	-1773 Jan 18 j 18:11	22° \mathbb{X} 30'21	
	-1774 Mar 01 j 07:21	0° \approx		desc. node	-1773 Jan 31 j 21:51	29° \mathbb{X} 47'43	
	-1774 Mar 19 j 13:47	0° \mathbb{H}			-1773 Feb 01 j 02:53	0° Θ	
morning set	-1774 Mar 24 j 07:00	9° \mathbb{H} 18'38		morning max el	-1773 Feb 01 j 10:03	0° Θ 17'41	27°34'29
max. Earth dist.	-1774 Mar 30 j 03:14	21° \mathbb{H} 36'23	1.32694 AU		-1773 Feb 23 j 07:05	0° \approx	
superior conj	-1774 Mar 31 j 16:14	24° \mathbb{H} 56'45	-0°15'05	morning set	-1773 Mar 08 j 04:17	23° \approx 26'38	
minimum elong	-1774 Mar 31 j 16:56	25° \mathbb{H} 00'33	0°14'57		-1773 Mar 11 j 10:03	0° \mathbb{H}	
behind sun begin	-1774 Mar 31 j 15:14	24° \mathbb{H} 51'16		max. Earth dist.	-1773 Mar 13 j 07:19	3° \mathbb{H} 55'19	1.33339 AU
behind sun end	-1774 Mar 31 j 18:38	25° \mathbb{H} 09'49		superior conj	-1773 Mar 15 j 23:28	9° \mathbb{H} 35'01	-0°41'07
asc. node	-1774 Apr 02 j 02:39	28° \mathbb{H} 04'02		minimum elong	-1773 Mar 16 j 01:22	9° \mathbb{H} 45'11	0°40'45
	-1774 Apr 02 j 23:57	0° Υ		asc. node	-1773 Mar 19 j 23:41	18° \mathbb{H} 11'24	
evening rise	-1774 Apr 07 j 15:43	10° Υ 01'28		evening rise	-1773 Mar 23 j 03:16	24° \mathbb{H} 53'30	
	-1774 Apr 17 j 23:53	0° \mathbb{B}			-1773 Mar 25 j 14:29	0° Υ	
evening max el	-1774 May 02 j 19:44	20° \mathbb{B} 01'19	24°25'51		-1773 Apr 13 j 19:16	0° \mathbb{B}	
desc. node	-1774 May 12 j 23:56	26° \mathbb{B} 30'31		evening max el	-1773 Apr 14 j 11:36	0° \mathbb{B} 40'10	22°51'16
retrograde	-1774 May 16 j 18:01	27° \mathbb{B} 02'52		retrograde	-1773 Apr 27 j 17:45	7° \mathbb{B} 12'40	
evening set	-1774 May 21 j 08:40	26° \mathbb{B} 15'07		desc. node	-1773 Apr 29 j 20:56	7° \mathbb{B} 02'36	
min. Earth dist.	-1774 May 27 j 07:28	23° \mathbb{B} 16'09	0.56816 AU	evening set	-1773 May 01 j 00:07	6° \mathbb{B} 49'21	
inferior conj	-1774 May 30 j 00:44	21° \mathbb{B} 31'58	-4°00'31	min. Earth dist.	-1773 May 08 j 20:57	3° \mathbb{B} 21'50	0.55525 AU
minimum elong	-1774 May 29 j 19:22	21° \mathbb{B} 40'36	3°59'34	inferior conj	-1773 May 10 j 07:09	2° \mathbb{B} 32'34	-2°46'28
morning rise	-1774 Jun 07 j 09:02	17° \mathbb{B} 27'08		minimum elong	-1773 May 10 j 00:39	2° \mathbb{B} 41'58	2°44'35
direct	-1774 Jun 09 j 22:17	17° \mathbb{B} 09'20			-1773 May 15 j 01:37	30° \mathbb{R} Υ	
morning max el	-1774 Jun 19 j 08:24	21° \mathbb{B} 31'49	19°30'13	morning rise	-1773 May 19 j 03:26	28° \mathbb{Y} 37'11	
	-1774 Jun 26 j 04:13	0° \mathbb{I}		direct	-1773 May 21 j 19:34	28° \mathbb{Y} 20'21	
asc. node	-1774 Jun 29 j 01:57	4° \mathbb{I} 44'16			-1773 May 28 j 02:32	0° \mathbb{B}	
morning set	-1774 Jul 06 j 17:03	19° \mathbb{I} 10'58		morning max el	-1773 Jun 01 j 20:36	3° \mathbb{B} 28'38	20°42'51
	-1774 Jul 12 j 02:16	0° Θ		asc. node	-1773 Jun 15 j 23:01	23° \mathbb{B} 54'55	
					-1773 Jun 19 j 01:51	0° \mathbb{I}	
				morning set	-1773 Jun 20 j 23:13	3° \mathbb{I} 49'57	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1773 Jun 28 j 13:10	19° Π 29'09	1°40'05	superior conj	-1772 Jun 11 j 15:10	4° Π 01'45	1°26'57
minimum elong	-1773 Jun 28 j 11:09	19° Π 18'53	1°39'58	minimum elong	-1772 Jun 11 j 12:37	3° Π 48'23	1°26'41
max. Earth dist.	-1773 Jul 03 j 03:20	28° Π 40'53	1.35909 AU	max. Earth dist.	-1772 Jun 14 j 20:12	10° Π 42'47	1.34485 AU
	-1773 Jul 03 j 19:33	0° \mathfrak{C}		evening rise	-1772 Jun 19 j 14:34	20° Π 15'02	
evening rise	-1773 Jul 07 j 07:10	6° \mathfrak{C} 38'18			-1772 Jun 24 j 19:07	0° \mathfrak{C}	
	-1773 Jul 20 j 22:31	0° Ω		desc. node	-1772 Jul 12 j 17:17	28° \mathfrak{C} 25'50	
desc. node	-1773 Jul 26 j 20:18	8° Ω 52'47			-1772 Jul 13 j 21:20	0° Ω	
evening max el	-1773 Aug 11 j 23:12	28° Ω 47'25	26°18'35	evening max el	-1772 Jul 24 j 10:52	12° Ω 14'56	27°04'51
	-1773 Aug 13 j 06:02	0° \mathfrak{M}		retrograde	-1772 Aug 06 j 17:09	19° Ω 34'31	
retrograde	-1773 Aug 24 j 15:45	5° \mathfrak{M} 58'09		evening set	-1772 Aug 13 j 15:18	16° Ω 47'23	
evening set	-1773 Aug 31 j 02:17	3° \mathfrak{M} 16'21		min. Earth dist.	-1772 Aug 17 j 11:18	13° Ω 01'04	0.65176 AU
	-1773 Sep 03 j 06:52	30° $\mathfrak{R}\Omega$		inferior conj	-1772 Aug 19 j 11:41	10° Ω 43'27	-2°54'22
min. Earth dist.	-1773 Sep 04 j 05:30	28° Ω 52'17	0.66290 AU	minimum elong	-1772 Aug 19 j 15:40	10° Ω 32'08	2°53'03
inferior conj	-1773 Sep 05 j 16:52	27° Ω 03'22	-2°03'04	morning rise	-1772 Aug 25 j 16:36	5° Ω 07'56	
minimum elong	-1773 Sep 05 j 19:50	26° Ω 54'12	2°01'55	direct	-1772 Aug 28 j 11:56	4° Ω 25'21	
morning rise	-1773 Sep 11 j 13:39	21° Ω 13'51		asc. node	-1772 Aug 28 j 19:18	4° Ω 25'52	
asc. node	-1773 Sep 11 j 22:11	21° Ω 02'04		morning max el	-1772 Sep 04 j 01:02	7° Ω 58'14	18°14'20
direct	-1773 Sep 14 j 15:51	20° Ω 19'18			-1772 Sep 19 j 01:16	0° \mathfrak{M}	
morning max el	-1773 Sep 21 j 11:36	24° Ω 08'09	18°49'30	morning set	-1772 Sep 22 j 16:18	5° \mathfrak{M} 59'54	
	-1773 Sep 26 j 07:41	0° \mathfrak{M}					
morning set	-1773 Oct 12 j 20:08	25° \mathfrak{M} 23'45		superior conj	-1772 Oct 07 j 03:18	29° \mathfrak{M} 26'54	0°10'07
	-1773 Oct 15 j 17:52	0° \mathfrak{L}		minimum elong	-1772 Oct 07 j 04:34	29° \mathfrak{M} 31'57	0°09'56
desc. node	-1773 Oct 22 j 19:43	11° \mathfrak{L} 10'14		behind sun begin	-1772 Oct 06 j 19:47	28° \mathfrak{M} 56'59	
max. Earth dist.	-1773 Oct 28 j 10:15	19° \mathfrak{L} 59'34	1.44898 AU	behind sun end	-1772 Oct 07 j 13:22	0° \mathfrak{L} 06'52	
					-1772 Oct 07 j 11:38	0° \mathfrak{L}	
superior conj	-1773 Oct 29 j 01:10	20° \mathfrak{L} 58'17	-0°39'31	desc. node	-1772 Oct 08 j 16:44	1° \mathfrak{L} 55'19	
minimum elong	-1773 Oct 28 j 20:04	20° \mathfrak{L} 38'14	0°38'53	max. Earth dist.	-1772 Oct 10 j 05:03	4° \mathfrak{L} 18'49	1.44797 AU
	-1773 Nov 03 j 18:25	0° \mathfrak{M}		evening rise	-1772 Oct 23 j 16:19	25° \mathfrak{L} 23'29	
evening rise	-1773 Nov 13 j 16:53	15° \mathfrak{M} 51'47			-1772 Oct 26 j 15:25	0° \mathfrak{M}	
	-1773 Nov 22 j 11:54	0° \mathfrak{J}		greatest brilliancy	-1772 Nov 04 j 17:10	13° \mathfrak{M} 58'40	-0.7m
evening max el	-1773 Dec 04 j 20:53	17° \mathfrak{J} 24'06	18°50'13		-1772 Nov 16 j 09:20	0° \mathfrak{J}	
asc. node	-1773 Dec 08 j 21:22	20° \mathfrak{J} 32'08		evening max el	-1772 Nov 17 j 04:30	0° \mathfrak{J} 51'08	19°36'54
retrograde	-1773 Dec 11 j 15:40	21° \mathfrak{J} 13'53		retrograde	-1772 Nov 24 j 12:28	5° \mathfrak{J} 06'47	
evening set	-1773 Dec 14 j 19:24	20° \mathfrak{J} 16'54		asc. node	-1772 Nov 24 j 18:27	5° \mathfrak{J} 06'26	
inferior conj	-1773 Dec 20 j 13:39	14° \mathfrak{J} 33'44	3°18'02	evening set	-1772 Nov 27 j 23:25	3° \mathfrak{J} 56'51	
minimum elong	-1773 Dec 20 j 10:48	14° \mathfrak{J} 42'30	3°17'22		-1772 Dec 01 j 22:55	30° $\mathfrak{R}\mathfrak{M}$	
min. Earth dist.	-1773 Dec 22 j 06:02	12° \mathfrak{J} 30'02	0.65254 AU	inferior conj	-1772 Dec 03 j 12:36	27° \mathfrak{M} 59'19	2°41'44
morning rise	-1773 Dec 26 j 01:53	8° \mathfrak{J} 25'52		minimum elong	-1772 Dec 03 j 09:42	28° \mathfrak{M} 08'48	2°40'49
direct	-1772 Jan 01 j 17:24	5° \mathfrak{J} 34'33		min. Earth dist.	-1772 Dec 04 j 15:09	26° \mathfrak{M} 32'36	0.66345 AU
morning max el	-1772 Jan 14 j 19:42	13° \mathfrak{J} 11'58	26°52'03	morning rise	-1772 Dec 08 j 19:47	21° \mathfrak{M} 47'09	
desc. node	-1772 Jan 18 j 18:56	17° \mathfrak{J} 29'08		direct	-1772 Dec 14 j 22:32	19° \mathfrak{M} 05'23	
	-1772 Jan 28 j 10:36	0° \mathfrak{Z}		morning max el	-1772 Dec 27 j 05:03	26° \mathfrak{M} 21'02	25°44'55
	-1772 Feb 15 j 21:49	0° \approx			-1772 Dec 30 j 14:34	0° \mathfrak{J}	
morning set	-1772 Feb 19 j 15:13	6° \approx 58'27		desc. node	-1771 Jan 04 j 16:01	6° \mathfrak{J} 09'24	
max. Earth dist.	-1772 Feb 24 j 01:26	15° \approx 40'08	1.34422 AU		-1771 Jan 21 j 00:34	0° \mathfrak{Z}	
				morning set	-1771 Feb 01 j 11:25	19° \mathfrak{Z} 41'42	
superior conj	-1772 Feb 28 j 01:28	23° \approx 52'11	-1°06'18	max. Earth dist.	-1771 Feb 05 j 07:48	26° \mathfrak{Z} 53'54	1.35952 AU
minimum elong	-1772 Feb 28 j 04:25	24° \approx 07'30	1°05'48		-1771 Feb 06 j 22:26	0° \approx	
	-1772 Mar 01 j 23:39	0° \mathfrak{H}					
asc. node	-1772 Mar 05 j 20:43	8° \mathfrak{H} 09'18		superior conj	-1771 Feb 10 j 19:42	7° \approx 41'04	-1°29'02
evening rise	-1772 Mar 06 j 13:00	9° \mathfrak{H} 34'06		minimum elong	-1771 Feb 10 j 23:13	7° \approx 58'45	1°28'36
	-1772 Mar 17 j 10:14	0° \mathfrak{Y}		evening rise	-1771 Feb 18 j 19:01	23° \approx 57'24	
evening max el	-1772 Mar 26 j 09:22	11° \mathfrak{Y} 31'17	21°20'42	asc. node	-1771 Feb 20 j 17:46	27° \approx 53'14	
retrograde	-1772 Apr 07 j 08:05	17° \mathfrak{Y} 17'52			-1771 Feb 21 j 19:19	0° \mathfrak{H}	
evening set	-1772 Apr 09 j 18:06	17° \mathfrak{Y} 04'28		evening max el	-1771 Mar 08 j 17:27	22° \mathfrak{H} 55'10	20°04'02
desc. node	-1772 Apr 15 j 18:00	14° \mathfrak{Y} 53'37		retrograde	-1771 Mar 18 j 23:51	27° \mathfrak{H} 49'23	
inferior conj	-1772 Apr 19 j 02:24	13° \mathfrak{Y} 04'24	-0°56'42	evening set	-1771 Mar 21 j 04:18	27° \mathfrak{H} 37'01	
minimum elong	-1772 Apr 18 j 23:44	13° \mathfrak{Y} 08'09	0°55'44	inferior conj	-1771 Mar 30 j 00:35	23° \mathfrak{H} 37'10	1°00'09
min. Earth dist.	-1772 Apr 19 j 10:10	12° \mathfrak{Y} 53'29	0.55065 AU	minimum elong	-1771 Mar 30 j 03:09	23° \mathfrak{H} 33'16	0°59'17
morning rise	-1772 Apr 28 j 05:38	9° \mathfrak{Y} 02'06		min. Earth dist.	-1771 Apr 01 j 00:18	22° \mathfrak{H} 25'13	0.55554 AU
direct	-1772 May 01 j 06:49	8° \mathfrak{Y} 41'51		desc. node	-1771 Apr 02 j 15:04	21° \mathfrak{H} 29'18	
morning max el	-1772 May 13 j 21:59	14° \mathfrak{Y} 42'50	22°12'55	morning rise	-1771 Apr 08 j 00:00	19° \mathfrak{H} 09'38	
	-1772 May 25 j 13:22	0° \mathfrak{B}		direct	-1771 Apr 11 j 21:20	18° \mathfrak{H} 36'25	
asc. node	-1772 Jun 01 j 20:06	13° \mathfrak{B} 29'42		morning max el	-1771 Apr 25 j 15:26	25° \mathfrak{H} 24'59	23°52'33
morning set	-1772 Jun 04 j 09:07	18° \mathfrak{B} 42'09			-1771 Apr 29 j 22:02	0° \mathfrak{Y}	
	-1772 Jun 09 j 17:26	0° \mathfrak{H}			-1771 May 18 j 02:14	0° \mathfrak{B}	
				morning set	-1771 May 19 j 20:53	3° \mathfrak{B} 41'19	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

asc. node	-1771 May 19 j 17:09	3° 8° 21'42		morning set	-1770 May 04 j 08:52	18° 9° 41'54	
				asc. node	-1770 May 06 j 14:10	23° 9° 25'33	
superior conj	-1771 May 26 j 22:27	18° 8° 50'53	1°09'23		-1770 May 09 j 14:51	0° 8°	
minimum elong	-1771 May 26 j 19:58	18° 8° 37'32	1°09'01				
max. Earth dist.	-1771 May 28 j 22:17	23° 8° 07'05	1.33440 AU	superior conj	-1770 May 11 j 08:53	3° 8° 49'27	0°48'27
	-1771 Jun 01 j 04:58	0° II°		minimum elong	-1770 May 11 j 06:55	3° 8° 38'46	0°48'05
evening rise	-1771 Jun 03 j 09:16	4° II° 26'28		max. Earth dist.	-1770 May 12 j 07:27	5° 8° 52'28	1.32774 AU
	-1771 Jun 17 j 11:59	0° III°		evening rise	-1770 May 18 j 11:53	19° 8° 02'05	
desc. node	-1771 Jun 29 j 14:18	17° III° 18'55			-1770 May 24 j 00:51	0° II°	
evening max el	-1771 Jul 06 j 21:26	25° III° 23'35	27°24'57		-1770 Jun 11 j 23:39	0° III°	
	-1771 Jul 12 j 14:02	0° IV°		desc. node	-1770 Jun 16 j 11:20	5° III° 15'09	
retrograde	-1771 Jul 20 j 12:58	2° IV° 45'26		evening max el	-1770 Jun 19 j 04:49	8° III° 01'36	27°13'44
evening set	-1771 Jul 27 j 17:15	0° IV° 04'32		retrograde	-1770 Jul 03 j 02:16	15° III° 21'34	
	-1771 Jul 27 j 19:40	30° IV° R°		evening set	-1770 Jul 10 j 04:11	13° III° 01'04	
min. Earth dist.	-1771 Jul 31 j 07:59	26° III° 52'07	0.63686 AU	min. Earth dist.	-1770 Jul 13 j 18:43	10° III° 12'50	0.61867 AU
inferior conj	-1771 Aug 02 j 22:00	24° III° 12'32	-3°39'56	inferior conj	-1770 Jul 16 j 20:43	7° III° 23'52	-4°15'13
minimum elong	-1771 Aug 03 j 02:19	24° III° 01'23	3°38'51	minimum elong	-1770 Jul 17 j 00:11	7° III° 15'54	4°14'41
morning rise	-1771 Aug 09 j 12:21	18° III° 54'11		morning rise	-1770 Jul 23 j 21:39	2° III° 25'20	
direct	-1771 Aug 12 j 03:11	18° III° 20'28		direct	-1770 Jul 26 j 10:11	1° III° 57'56	
asc. node	-1771 Aug 15 j 16:23	19° III° 22'58		morning max el	-1770 Aug 02 j 06:53	5° III° 24'44	17°57'08
morning max el	-1771 Aug 18 j 16:25	21° III° 45'58	17°56'33	asc. node	-1770 Aug 02 j 13:26	5° III° 41'01	
	-1771 Aug 24 j 23:56	0° IV°		morning set	-1770 Aug 18 j 08:40	0° IV° 38'50	
morning set	-1771 Sep 04 j 14:22	17° IV° 50'10			-1770 Aug 18 j 00:07	0° IV°	
	-1771 Sep 11 j 16:30	0° V°					
superior conj	-1771 Sep 17 j 00:39	8° V° 54'32	0°53'51	superior conj	-1770 Aug 29 j 01:27	19° IV° 43'42	1°24'48
minimum elong	-1771 Sep 17 j 05:44	9° V° 15'27	0°53'15	minimum elong	-1770 Aug 29 j 06:17	20° IV° 04'31	1°24'22
max. Earth dist.	-1771 Sep 22 j 21:33	18° V° 26'02	1.43987 AU		-1770 Sep 04 j 03:05	0° V°	
desc. node	-1771 Sep 25 j 13:44	22° V° 41'24		max. Earth dist.	-1770 Sep 05 j 09:29	2° V° 05'29	1.42584 AU
	-1771 Sep 30 j 05:31	0° VI°		evening rise	-1770 Sep 12 j 08:32	13° V° 16'53	
evening rise	-1771 Oct 02 j 23:41	4° VI° 16'24		desc. node	-1770 Sep 12 j 10:44	13° V° 25'32	
	-1771 Oct 20 j 03:23	0° VII°			-1770 Sep 23 j 07:02	0° VI°	
evening max el	-1771 Oct 31 j 06:47	14° VII° 18'10	20°38'09	evening max el	-1770 Oct 14 j 03:10	27° VI° 45'30	21°50'42
retrograde	-1771 Nov 08 j 10:00	19° VII° 06'38			-1770 Oct 16 j 12:39	0° VII°	
asc. node	-1771 Nov 11 j 15:32	18° VII° 06'46		retrograde	-1770 Oct 23 j 06:18	3° VII° 11'08	
evening set	-1771 Nov 12 j 06:16	17° VII° 41'36		evening set	-1770 Oct 27 j 14:05	1° VII° 28'50	
inferior conj	-1771 Nov 17 j 16:12	11° VII° 33'06	1°58'06		-1770 Oct 29 j 04:03	30° R° VI°	
minimum elong	-1771 Nov 17 j 13:47	11° VII° 41'19	1°57'11	asc. node	-1770 Oct 29 j 12:36	29° VI° 36'40	
min. Earth dist.	-1771 Nov 18 j 06:33	10° VII° 44'19	0.67073 AU	inferior conj	-1770 Nov 01 j 22:20	25° VI° 12'54	1°09'14
morning rise	-1771 Nov 22 j 21:05	5° VII° 18'54		minimum elong	-1770 Nov 01 j 20:48	25° VI° 18'14	1°08'36
direct	-1771 Nov 28 j 09:01	2° VII° 54'37		min. Earth dist.	-1770 Nov 02 j 01:44	25° VI° 01'10	0.67470 AU
morning max el	-1771 Dec 09 j 13:35	9° VII° 35'09	24°22'43	morning rise	-1770 Nov 07 j 03:20	18° VI° 59'12	
desc. node	-1771 Dec 22 j 13:04	25° VII° 30'49		direct	-1770 Nov 12 j 00:06	16° VI° 56'20	
	-1771 Dec 25 j 17:23	0° VIII°		morning max el	-1770 Nov 21 j 23:21	22° VI° 52'20	22°55'24
	-1770 Jan 13 j 16:41	0° VIII°			-1770 Nov 28 j 04:29	0° VII°	
morning set	-1770 Jan 14 j 11:07	1° VIII° 20'00		desc. node	-1770 Dec 09 j 10:06	15° VII° 21'34	
max. Earth dist.	-1770 Jan 18 j 04:50	7° VIII° 58'00	1.37858 AU		-1770 Dec 19 j 02:44	0° VIII°	
				morning set	-1770 Dec 26 j 08:02	11° VIII° 37'06	
superior conj	-1770 Jan 25 j 02:45	20° VIII° 52'22	-1°47'10	max. Earth dist.	-1770 Dec 31 j 00:09	19° VIII° 29'28	1.39958 AU
minimum elong	-1770 Jan 25 j 05:55	21° VIII° 07'38	1°46'56		-1769 Jan 05 j 23:25	0° IX°	
	-1770 Jan 29 j 18:49	0° IX°					
evening rise	-1770 Feb 02 j 18:55	7° IX° 56'34		superior conj	-1769 Jan 07 j 18:10	3° IX° 14'08	-1°57'42
asc. node	-1770 Feb 07 j 14:48	17° IX° 17'42		minimum elong	-1769 Jan 07 j 19:31	3° IX° 20'17	1°57'43
	-1770 Feb 15 j 06:59	0° X°		evening rise	-1769 Jan 17 j 09:49	21° IX° 23'58	
evening max el	-1770 Feb 19 j 12:23	4° X° 57'06	19°05'59		-1769 Jan 21 j 23:22	0° X°	
retrograde	-1770 Feb 28 j 04:34	9° X° 06'44		asc. node	-1769 Jan 25 j 11:51	6° X° 15'25	
evening set	-1770 Mar 02 j 11:52	8° X° 50'23		evening max el	-1769 Feb 02 j 16:00	17° X° 30'48	18°27'49
inferior conj	-1770 Mar 10 j 14:12	4° X° 37'37	2°33'15	retrograde	-1769 Feb 10 j 03:49	21° X° 11'26	
minimum elong	-1770 Mar 10 j 18:51	4° X° 29'33	2°32'00	evening set	-1769 Feb 12 j 15:41	20° X° 48'16	
min. Earth dist.	-1770 Mar 13 j 15:58	2° X° 30'59	0.56882 AU	inferior conj	-1769 Feb 20 j 00:22	16° X° 15'36	3°30'08
	-1770 Mar 18 j 02:02	30° X° R°		minimum elong	-1769 Feb 20 j 03:44	16° X° 08'49	3°29'34
morning rise	-1770 Mar 18 j 22:56	29° X° 38'07		min. Earth dist.	-1769 Feb 23 j 10:30	13° X° 31'27	0.58757 AU
desc. node	-1770 Mar 20 j 12:08	29° X° 07'06		morning rise	-1769 Feb 27 j 13:23	10° X° 49'31	
direct	-1770 Mar 24 j 00:33	28° X° 37'43		direct	-1769 Mar 05 j 16:59	9° X° 11'43	
	-1770 Mar 29 j 23:13	0° XI°		desc. node	-1769 Mar 07 j 09:12	9° X° 18'54	
morning max el	-1770 Apr 07 j 06:19	5° XI° 58'13	25°28'50	morning max el	-1769 Mar 20 j 00:10	16° X° 48'40	26°46'42
	-1770 Apr 24 j 17:42	0° XI°			-1769 Mar 30 j 20:36	0° XI°	
					-1769 Apr 17 j 01:21	0° XI°	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning set	-1769 Apr 18 j 19:20	3° Υ 36'51			-1768 Apr 07 j 14:21	0° Υ	
asc. node	-1769 Apr 23 j 11:11	13° Υ 35'45		max. Earth dist.	-1768 Apr 08 j 08:50	1° Υ 40'34	1.32513 AU
superior conj	-1769 Apr 25 j 20:34	18° Υ 49'49	0°25'00	superior conj	-1768 Apr 09 j 07:51	3° Υ 46'13	-0°00'09
minimum elong	-1769 Apr 25 j 19:28	18° Υ 43'50	0°24'46	minimum elong	-1768 Apr 09 j 07:52	3° Υ 46'16	0°00'10
max. Earth dist.	-1769 Apr 25 j 20:12	18° Υ 47'52	1.32468 AU	behind sun begin	-1768 Apr 09 j 02:50	3° Υ 18'46	
	-1769 Apr 30 j 23:50	0° \mathcal{B}		behind sun end	-1768 Apr 09 j 12:54	4° Υ 13'46	
evening rise	-1769 May 02 j 19:36	3° \mathcal{B} 51'36		asc. node	-1768 Apr 09 j 08:13	3° Υ 48'09	
	-1769 May 16 j 20:57	0° Π		evening rise	-1768 Apr 16 j 06:18	18° Υ 47'25	
evening max el	-1769 Jun 01 j 06:33	19° Π 57'47	26°29'34		-1768 Apr 21 j 19:11	0° \mathcal{B}	
desc. node	-1769 Jun 03 j 08:21	21° Π 49'46			-1768 May 11 j 21:13	0° Π	
retrograde	-1769 Jun 15 j 07:23	27° Π 13'57		evening max el	-1768 May 13 j 01:38	1° Π 10'20	25°16'36
evening set	-1769 Jun 21 j 19:38	25° Π 26'46		desc. node	-1768 May 20 j 05:23	6° Π 30'38	
min. Earth dist.	-1769 Jun 25 j 19:49	22° Π 47'34	0.59841 AU	retrograde	-1768 May 27 j 02:31	8° Π 19'47	
inferior conj	-1769 Jun 29 j 04:14	20° Π 07'33	-4°33'07	evening set	-1768 Jun 01 j 12:39	7° Π 11'25	
minimum elong	-1769 Jun 29 j 05:09	20° Π 05'44	4°33'03	min. Earth dist.	-1768 Jun 06 j 13:31	4° Π 24'08	0.57838 AU
morning rise	-1769 Jul 06 j 16:43	15° Π 30'54		inferior conj	-1768 Jun 09 j 17:08	2° Π 14'04	-4°23'18
direct	-1769 Jul 09 j 04:55	15° Π 07'58		minimum elong	-1768 Jun 09 j 13:59	2° Π 19'32	4°22'58
morning max el	-1769 Jul 16 j 17:27	18° Π 45'59	18°17'11		-1768 Jun 13 j 03:13	30° \mathcal{R}	
asc. node	-1769 Jul 20 j 10:28	23° Π 03'54		morning rise	-1768 Jun 17 j 18:04	27° \mathcal{B} 59'08	
	-1769 Jul 24 j 23:10	0° \mathcal{B}		direct	-1768 Jun 20 j 06:57	27° \mathcal{B} 39'39	
morning set	-1769 Aug 01 j 17:44	14° \mathcal{B} 10'50			-1768 Jun 26 j 20:21	0° Π	
	-1769 Aug 10 j 03:52	0° Ω		morning max el	-1768 Jun 28 j 21:16	1° Π 41'18	18°57'39
superior conj	-1769 Aug 11 j 03:25	1° Ω 47'41	1°42'14	asc. node	-1768 Jul 06 j 07:29	11° Π 17'31	
minimum elong	-1769 Aug 11 j 06:02	1° Ω 59'36	1°42'06	morning set	-1768 Jul 15 j 13:21	28° Π 15'02	
max. Earth dist.	-1769 Aug 18 j 16:09	15° Ω 05'38	1.40764 AU		-1768 Jul 16 j 10:40	0° \mathcal{B}	
evening rise	-1769 Aug 23 j 11:51	23° Ω 09'56		superior conj	-1768 Jul 24 j 00:57	14° \mathcal{B} 51'09	1°48'10
	-1769 Aug 27 j 17:32	0° \mathcal{M}		minimum elong	-1768 Jul 24 j 01:15	14° \mathcal{B} 52'35	1°48'11
desc. node	-1769 Aug 30 j 07:44	4° \mathcal{M} 04'04		max. Earth dist.	-1768 Jul 30 j 19:05	27° \mathcal{B} 23'48	1.38774 AU
	-1769 Sep 17 j 06:36	0° Ω			-1768 Aug 01 j 06:07	0° Ω	
evening max el	-1769 Sep 26 j 18:24	11° Ω 14'34	23°09'57	evening rise	-1768 Aug 03 j 16:28	4° Ω 14'59	
retrograde	-1769 Oct 06 j 23:58	17° Ω 18'00		desc. node	-1768 Aug 16 j 04:44	24° Ω 32'27	
evening set	-1769 Oct 11 j 21:11	15° Ω 17'00			-1768 Aug 19 j 20:23	0° \mathcal{M}	
asc. node	-1769 Oct 16 j 09:38	10° Ω 04'22		evening max el	-1768 Sep 08 j 06:20	24° \mathcal{M} 45'52	24°29'46
inferior conj	-1769 Oct 17 j 05:14	8° Ω 57'10	0°16'53		-1768 Sep 14 j 20:33	0° Ω	
minimum elong	-1769 Oct 17 j 04:50	8° Ω 58'32	0°16'43	retrograde	-1768 Sep 19 j 13:57	1° Ω 23'10	
min. Earth dist.	-1769 Oct 16 j 22:15	9° Ω 21'08	0.67549 AU		-1768 Sep 23 j 20:21	30° \mathcal{R}	
morning rise	-1769 Oct 22 j 12:23	2° Ω 46'38		evening set	-1768 Sep 25 j 01:50	29° \mathcal{M} 03'35	
direct	-1769 Oct 26 j 18:48	1° Ω 05'58		min. Earth dist.	-1768 Sep 29 j 17:42	23° \mathcal{M} 41'48	0.67315 AU
morning max el	-1769 Nov 04 j 13:58	6° Ω 16'44	21°31'43	inferior conj	-1768 Sep 30 j 11:08	22° \mathcal{M} 43'25	-0°37'27
	-1769 Nov 22 j 13:32	0° \mathcal{M}		minimum elong	-1768 Sep 30 j 12:02	22° \mathcal{M} 40'23	0°37'03
desc. node	-1769 Nov 26 j 07:07	5° \mathcal{M} 33'33		asc. node	-1768 Oct 02 j 06:41	20° \mathcal{M} 21'05	
morning set	-1769 Dec 06 j 00:14	20° \mathcal{M} 32'49		morning rise	-1768 Oct 05 j 22:17	16° \mathcal{M} 38'47	
	-1769 Dec 11 j 21:11	0° \mathcal{X}		direct	-1768 Oct 09 j 15:58	15° \mathcal{M} 18'39	
max. Earth dist.	-1769 Dec 13 j 01:23	1° \mathcal{X} 55'51	1.41963 AU	morning max el	-1768 Oct 17 j 11:49	19° \mathcal{M} 50'38	20°17'44
					-1768 Oct 25 j 16:41	0° Ω	
superior conj	-1769 Dec 20 j 12:36	14° \mathcal{X} 33'27	-1°56'47	desc. node	-1768 Nov 12 j 04:08	26° Ω 00'02	
minimum elong	-1769 Dec 20 j 10:18	14° \mathcal{X} 23'30	1°56'45	morning set	-1768 Nov 13 j 22:22	28° Ω 43'07	
	-1769 Dec 29 j 04:54	0° \mathcal{B}			-1768 Nov 14 j 18:13	0° \mathcal{M}	
evening rise	-1769 Dec 31 j 12:20	4° \mathcal{B} 12'37		max. Earth dist.	-1768 Nov 24 j 10:17	15° \mathcal{M} 14'42	1.43584 AU
asc. node	-1768 Jan 12 j 08:53	24° \mathcal{B} 38'06					
	-1768 Jan 16 j 14:20	0° \approx		superior conj	-1768 Nov 30 j 04:51	24° \mathcal{M} 37'46	-1°40'11
evening max el	-1768 Jan 17 j 01:22	0° \approx 28'00	18°09'35	minimum elong	-1768 Nov 29 j 22:19	24° \mathcal{M} 10'52	1°39'41
retrograde	-1768 Jan 23 j 20:30	3° \approx 55'39			-1768 Dec 03 j 10:29	0° \mathcal{X}	
evening set	-1768 Jan 26 j 12:17	3° \approx 24'25		evening rise	-1768 Dec 12 j 22:15	16° \mathcal{X} 13'24	
	-1768 Jan 31 j 14:48	30° \mathcal{R}			-1768 Dec 20 j 22:14	0° \mathcal{B}	
inferior conj	-1768 Feb 02 j 06:18	28° \mathcal{B} 30'02	3°54'01	asc. node	-1768 Dec 29 j 05:56	12° \mathcal{B} 14'30	
minimum elong	-1768 Feb 02 j 07:10	28° \mathcal{B} 28'00	3°53'57	evening max el	-1768 Dec 30 j 13:31	13° \mathcal{B} 40'07	18°10'49
min. Earth dist.	-1768 Feb 05 j 11:01	25° \mathcal{B} 32'16	0.60821 AU	retrograde	-1767 Jan 06 j 02:08	17° \mathcal{B} 08'06	
morning rise	-1768 Feb 09 j 00:32	22° \mathcal{B} 45'28		evening set	-1767 Jan 08 j 21:43	16° \mathcal{B} 27'59	
direct	-1768 Feb 15 j 20:15	20° \mathcal{B} 31'08		inferior conj	-1767 Jan 15 j 04:21	11° \mathcal{B} 12'59	3°53'04
desc. node	-1768 Feb 22 j 06:16	22° \mathcal{B} 17'58		minimum elong	-1767 Jan 15 j 03:06	11° \mathcal{B} 16'18	3°52'58
morning max el	-1768 Mar 01 j 00:15	28° \mathcal{B} 16'20	27°33'51	min. Earth dist.	-1767 Jan 17 j 20:24	8° \mathcal{B} 24'15	0.62779 AU
	-1768 Mar 02 j 16:51	0° \approx		morning rise	-1767 Jan 21 j 07:37	5° \mathcal{B} 16'13	
	-1768 Mar 23 j 13:32	0° \mathcal{X}		direct	-1767 Jan 28 j 08:24	2° \mathcal{B} 35'45	
morning set	-1768 Apr 02 j 02:30	18° \mathcal{X} 19'55		desc. node	-1767 Feb 08 j 03:19	7° \mathcal{B} 33'49	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning max el	-1767 Feb 11 j 06:09	10°♄24'40	27°44'35	morning max el	-1766 Jan 24 j 15:13	23°♄05'50	27°19'55
	-1767 Feb 26 j 15:20	0°♄		desc. node	-1766 Jan 26 j 00:24	24°♄30'57	
	-1767 Mar 15 j 19:31	0°♄			-1766 Jan 30 j 19:23	0°♄	
morning set	-1767 Mar 17 j 04:10	2°♄43'11			-1766 Feb 19 j 21:27	0°♄	
max. Earth dist.	-1767 Mar 22 j 17:15	14°♄15'33	1.32922 AU	morning set	-1766 Feb 28 j 21:34	16°♄37'29	
				max. Earth dist.	-1766 Mar 05 j 17:25	26°♄20'11	1.33742 AU
					-1766 Mar 07 j 11:42	0°♄	
superior conj	-1767 Mar 24 j 17:06	18°♄32'34	-0°26'10				
minimum elong	-1767 Mar 24 j 18:19	18°♄39'08	0°25'55	superior conj	-1766 Mar 08 j 22:24	3°♄02'40	-0°52'00
asc. node	-1767 Mar 27 j 05:16	23°♄58'24		minimum elong	-1766 Mar 09 j 00:47	3°♄15'15	0°51'33
	-1767 Mar 30 j 00:15	0°♄		asc. node	-1766 Mar 14 j 02:19	14°♄02'12	
evening rise	-1767 Mar 31 j 18:03	3°♄42'19		evening rise	-1766 Mar 16 j 05:04	18°♄30'03	
	-1767 Apr 15 j 01:50	0°♄			-1766 Mar 21 j 22:30	0°♄	
evening max el	-1767 Apr 24 j 16:45	11°♄53'08	23°45'50	evening max el	-1766 Apr 06 j 10:20	22°♄33'49	22°11'32
desc. node	-1767 May 07 j 02:24	18°♄41'20		retrograde	-1766 Apr 19 j 05:19	28°♄49'01	
retrograde	-1767 May 08 j 09:58	18°♄45'16		evening set	-1766 Apr 22 j 00:45	28°♄31'34	
evening set	-1767 May 12 j 10:17	18°♄09'38		desc. node	-1766 Apr 23 j 23:28	28°♄00'20	
min. Earth dist.	-1767 May 19 j 03:41	14°♄59'58	0.56177 AU	min. Earth dist.	-1766 Apr 30 j 17:15	24°♄47'29	0.55208 AU
inferior conj	-1767 May 21 j 09:55	13°♄37'45	-3°34'26	inferior conj	-1766 May 01 j 10:12	24°♄23'33	-2°03'00
minimum elong	-1767 May 21 j 03:29	13°♄47'34	3°32'58	minimum elong	-1766 May 01 j 04:48	24°♄31'10	2°01'14
morning rise	-1767 May 29 j 23:38	9°♄38'59		morning rise	-1766 May 10 j 10:23	20°♄27'22	
direct	-1767 Jun 01 j 13:39	9°♄22'00		direct	-1766 May 13 j 04:56	20°♄10'01	
morning max el	-1767 Jun 11 j 15:48	14°♄02'06	19°58'51	morning max el	-1766 May 24 j 23:26	25°♄41'07	21°19'25
asc. node	-1767 Jun 23 j 04:33	0°♄10'16			-1766 May 28 j 23:28	0°♄	
	-1767 Jun 23 j 02:16	0°♄		asc. node	-1766 Jun 10 j 01:38	19°♄31'57	
morning set	-1767 Jun 29 j 16:24	12°♄43'31		morning set	-1766 Jun 14 j 00:24	27°♄28'39	
					-1766 Jun 15 j 05:35	0°♄	
superior conj	-1767 Jul 07 j 12:46	28°♄39'14	1°45'05	superior conj	-1766 Jun 21 j 10:33	12°♄58'30	1°35'08
minimum elong	-1767 Jul 07 j 11:23	28°♄32'19	1°45'03	minimum elong	-1766 Jun 21 j 08:14	12°♄46'31	1°34'58
	-1767 Jul 08 j 04:58	0°♄		max. Earth dist.	-1766 Jun 25 j 10:00	21°♄05'01	1.35252 AU
max. Earth dist.	-1767 Jul 12 j 23:01	9°♄14'35	1.36872 AU	evening rise	-1766 Jun 29 j 19:45	29°♄41'06	
evening rise	-1767 Jul 16 j 20:46	16°♄29'55			-1766 Jun 29 j 23:44	0°♄	
	-1767 Jul 24 j 15:32	0°♄			-1766 Jul 17 j 18:32	0°♄	
desc. node	-1767 Aug 03 j 01:45	14°♄45'35		desc. node	-1766 Jul 20 j 22:46	4°♄35'48	
	-1767 Aug 14 j 06:19	0°♄		evening max el	-1766 Aug 04 j 04:54	21°♄52'22	26°41'06
evening max el	-1767 Aug 21 j 17:21	8°♄19'55	25°42'46	retrograde	-1766 Aug 17 j 04:19	29°♄08'40	
retrograde	-1767 Sep 02 j 23:38	15°♄22'23		evening set	-1766 Aug 23 j 20:06	26°♄23'28	
evening set	-1767 Sep 09 j 02:13	12°♄46'59		min. Earth dist.	-1766 Aug 27 j 20:06	22°♄15'26	0.65856 AU
min. Earth dist.	-1767 Sep 13 j 09:47	8°♄01'23	0.66759 AU	inferior conj	-1766 Aug 29 j 12:51	20°♄13'38	-2°25'19
inferior conj	-1767 Sep 14 j 14:20	6°♄30'07	-1°32'06	minimum elong	-1766 Aug 29 j 16:18	20°♄03'18	2°24'04
minimum elong	-1767 Sep 14 j 16:35	6°♄22'55	1°31'12	morning rise	-1766 Sep 04 j 12:55	14°♄29'32	
asc. node	-1767 Sep 19 j 03:44	1°♄24'41		asc. node	-1766 Sep 06 j 00:49	13°♄52'33	
morning rise	-1767 Sep 20 j 07:09	0°♄34'14		direct	-1766 Sep 07 j 11:48	13°♄40'36	
	-1767 Sep 21 j 08:53	30°♄		morning max el	-1766 Sep 14 j 04:05	17°♄22'01	18°32'25
direct	-1767 Sep 23 j 14:14	29°♄31'30			-1766 Sep 23 j 13:13	0°♄	
	-1767 Sep 25 j 21:16	0°♄		morning set	-1766 Oct 04 j 05:42	17°♄04'36	
morning max el	-1767 Sep 30 j 17:03	3°♄33'45	19°17'16		-1766 Oct 12 j 07:18	0°♄	
	-1767 Oct 19 j 09:47	0°♄		desc. node	-1766 Oct 16 j 22:13	7°♄19'25	
morning set	-1767 Oct 24 j 01:58	7°♄17'04					
desc. node	-1767 Oct 30 j 01:11	16°♄36'43		superior conj	-1766 Oct 19 j 19:12	11°♄51'25	-0°18'31
max. Earth dist.	-1767 Nov 07 j 00:57	29°♄09'58	1.44616 AU	minimum elong	-1766 Oct 19 j 16:45	11°♄41'45	0°18'13
	-1767 Nov 07 j 13:37	0°♄		max. Earth dist.	-1766 Oct 20 j 18:48	13°♄24'16	1.44941 AU
superior conj	-1767 Nov 09 j 19:02	3°♄31'40	-1°05'52		-1766 Oct 31 j 07:57	0°♄	
minimum elong	-1767 Nov 09 j 11:38	3°♄02'18	1°05'02	evening rise	-1766 Nov 04 j 23:49	7°♄21'57	
evening rise	-1767 Nov 24 j 11:09	27°♄18'21		greatest brilliancy	-1766 Nov 14 j 02:20	21°♄45'25	-0.8m
	-1767 Nov 26 j 02:14	0°♄			-1766 Nov 19 j 11:26	0°♄	
evening max el	-1767 Dec 14 j 01:48	27°♄01'35	18°30'45	evening max el	-1766 Nov 27 j 11:48	10°♄27'49	19°08'14
asc. node	-1767 Dec 16 j 02:59	28°♄51'56		asc. node	-1766 Dec 03 j 00:01	14°♄15'23	
	-1767 Dec 17 j 22:23	0°♄		retrograde	-1766 Dec 04 j 11:27	14°♄27'34	
retrograde	-1767 Dec 20 j 16:20	0°♄40'50		evening set	-1766 Dec 07 j 17:59	13°♄25'27	
	-1767 Dec 23 j 09:25	30°♄		inferior conj	-1766 Dec 13 j 09:52	7°♄36'07	3°03'43
evening set	-1767 Dec 23 j 16:36	29°♄50'37		minimum elong	-1766 Dec 13 j 06:55	7°♄45'26	3°02'54
inferior conj	-1767 Dec 29 j 14:42	24°♄17'08	3°34'34	min. Earth dist.	-1766 Dec 14 j 20:17	5°♄47'29	0.65763 AU
minimum elong	-1767 Dec 29 j 12:11	24°♄24'29	3°34'06	morning rise	-1766 Dec 18 j 19:33	1°♄26'08	
min. Earth dist.	-1767 Dec 31 j 15:45	21°♄53'50	0.64454 AU		-1766 Dec 20 j 17:10	30°♄	
morning rise	-1766 Jan 04 j 07:17	18°♄12'23		direct	-1766 Dec 25 j 06:11	28°♄37'16	
direct	-1766 Jan 11 j 04:08	15°♄20'31					

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1766 Dec 30 j 06:00	0°♊		minimum elong	-1765 Nov 27 j 08:16	21°♍13'57	2°23'02
morning max el	-1765 Jan 07 j 00:47	6°♊07'25	26°25'56	min. Earth dist.	-1765 Nov 28 j 08:11	19°♍54'16	0.66698 AU
desc. node	-1765 Jan 12 j 21:30	12°♊40'02		morning rise	-1765 Dec 02 j 16:55	14°♍51'45	
	-1765 Jan 25 j 12:08	0°♊		direct	-1765 Dec 08 j 13:39	12°♍16'36	
morning set	-1765 Feb 12 j 02:56	29°♊51'10		morning max el	-1765 Dec 20 j 09:26	19°♍18'09	25°11'16
	-1765 Feb 12 j 04:48	0°♊			-1765 Dec 29 j 12:28	0°♊	
max. Earth dist.	-1765 Feb 16 j 06:19	7°♊49'45	1.35015 AU	desc. node	-1765 Dec 30 j 18:32	1°♊39'05	
					-1764 Jan 18 j 14:43	0°♊	
superior conj	-1765 Feb 20 j 21:32	17°♊09'41	-1°16'21	morning set	-1764 Jan 25 j 15:07	12°♊08'18	
minimum elong	-1765 Feb 21 j 00:48	17°♊26'26	1°15'51	max. Earth dist.	-1764 Jan 29 j 08:02	18°♊55'14	1.36726 AU
	-1765 Feb 27 j 01:53	0°♊					
evening rise	-1765 Feb 28 j 13:32	3°♊04'31		superior conj	-1764 Feb 04 j 11:28	0°♊43'50	-1°37'26
asc. node	-1765 Feb 28 j 23:23	3°♊55'10		minimum elong	-1764 Feb 04 j 14:59	1°♊01'12	1°37'04
	-1765 Mar 16 j 04:19	0°♊			-1764 Feb 04 j 02:34	0°♊	
evening max el	-1765 Mar 19 j 12:27	3°♊38'46	20°46'05	evening rise	-1764 Feb 12 j 17:13	17°♊18'17	
retrograde	-1765 Mar 30 j 18:24	9°♊02'20		asc. node	-1764 Feb 15 j 20:25	23°♊31'30	
evening set	-1765 Apr 02 j 00:28	8°♊50'13			-1764 Feb 19 j 06:52	0°♊	
desc. node	-1765 Apr 10 j 20:32	5°♊04'53		evening max el	-1764 Mar 01 j 01:18	15°♊18'57	19°36'56
inferior conj	-1765 Apr 11 j 05:00	4°♊52'45	-0°06'00	retrograde	-1764 Mar 10 j 14:14	19°♊52'17	
minimum elong	-1765 Apr 11 j 04:43	4°♊53'09	0°05'53	evening set	-1764 Mar 12 j 19:38	19°♊38'32	
transit middle	-1765 Apr 11 j 04:43	4°♊53'09	0°05'53	inferior conj	-1764 Mar 21 j 08:31	15°♊34'16	1°43'44
transit begin	-1765 Apr 11 j 00:56	4°♊58'35		minimum elong	-1764 Mar 21 j 12:30	15°♊27'57	1°42'28
transit end	-1765 Apr 11 j 08:30	4°♊47'44		min. Earth dist.	-1764 Mar 23 j 21:23	13°♊57'58	0.56039 AU
min. Earth dist.	-1765 Apr 12 j 07:04	4°♊15'26	0.55161 AU	desc. node	-1764 Mar 27 j 17:37	11°♊50'23	
morning rise	-1765 Apr 20 j 08:04	0°♊41'16		morning rise	-1764 Mar 30 j 02:52	10°♊53'35	
direct	-1765 Apr 23 j 16:38	0°♊16'49		direct	-1764 Apr 03 j 12:00	10°♊10'32	
morning max el	-1765 May 06 j 20:53	6°♊39'54	22°54'37	morning max el	-1764 Apr 17 j 12:17	17°♊13'52	24°34'43
	-1765 May 23 j 05:48	0°♊			-1764 Apr 27 j 21:46	0°♊	
asc. node	-1765 May 27 j 22:43	9°♊14'56		morning set	-1764 May 12 j 23:23	27°♊24'46	
morning set	-1765 May 29 j 11:19	12°♊24'31		asc. node	-1764 May 13 j 19:45	29°♊12'22	
					-1764 May 14 j 04:43	0°♊	
superior conj	-1765 Jun 05 j 15:06	27°♊39'05	1°19'59				
minimum elong	-1765 Jun 05 j 12:31	27°♊25'22	1°19'39	superior conj	-1764 May 19 j 23:57	12°♊32'33	1°00'52
	-1765 Jun 06 j 17:40	0°♊		minimum elong	-1764 May 19 j 21:38	12°♊20'03	1°00'29
max. Earth dist.	-1765 Jun 08 j 07:01	3°♊16'20	1.34000 AU	max. Earth dist.	-1764 May 21 j 12:42	15°♊51'12	1.33121 AU
evening rise	-1765 Jun 13 j 08:30	13°♊34'26		evening rise	-1764 May 27 j 06:57	27°♊57'05	
	-1765 Jun 22 j 04:55	0°♊			-1764 May 28 j 07:17	0°♊	
desc. node	-1765 Jul 07 j 19:45	23°♊53'17			-1764 Jun 14 j 10:43	0°♊	
	-1765 Jul 12 j 18:14	0°♊		desc. node	-1764 Jun 23 j 16:47	12°♊24'23	
evening max el	-1765 Jul 17 j 16:33	5°♊13'54	27°17'00	evening max el	-1764 Jun 29 j 02:13	18°♊11'15	27°24'09
retrograde	-1765 Jul 31 j 03:21	12°♊34'35		retrograde	-1764 Jul 12 j 20:12	25°♊31'39	
evening set	-1765 Aug 07 j 04:47	9°♊48'54		evening set	-1764 Jul 20 j 00:51	22°♊57'49	
min. Earth dist.	-1765 Aug 10 j 22:21	6°♊17'24	0.64588 AU	min. Earth dist.	-1764 Jul 23 j 14:45	19°♊57'16	0.62954 AU
inferior conj	-1765 Aug 13 j 04:24	3°♊49'38	-3°14'38	inferior conj	-1764 Jul 26 j 10:11	17°♊12'06	-3°56'32
minimum elong	-1765 Aug 13 j 08:37	3°♊38'03	3°13'23	minimum elong	-1764 Jul 26 j 14:19	17°♊01'55	3°55'38
	-1765 Aug 17 j 00:38	30°♊		morning rise	-1764 Aug 02 j 04:54	12°♊01'45	
morning rise	-1765 Aug 19 j 13:08	28°♊20'42		direct	-1764 Aug 04 j 18:37	11°♊30'50	
direct	-1765 Aug 22 j 06:18	27°♊42'09		asc. node	-1764 Aug 09 j 18:59	13°♊29'40	
asc. node	-1765 Aug 23 j 21:55	27°♊56'28		morning max el	-1764 Aug 11 j 09:52	14°♊55'26	17°54'30
	-1765 Aug 27 j 11:50	0°♊			-1764 Aug 21 j 20:57	0°♊	
morning max el	-1765 Aug 28 j 18:34	1°♊10'59	18°04'30	morning set	-1764 Aug 27 j 20:55	10°♊31'10	
morning set	-1765 Sep 15 j 13:29	28°♊13'50			-1764 Sep 08 j 02:38	0°♊	
	-1765 Sep 16 j 14:42	0°♊					
superior conj	-1765 Sep 29 j 03:25	20°♊38'44	0°29'59	superior conj	-1764 Sep 08 j 12:14	0°♊40'21	1°08'43
minimum elong	-1765 Sep 29 j 06:52	20°♊52'35	0°29'32	minimum elong	-1764 Sep 08 j 17:36	1°♊02'52	1°08'07
max. Earth dist.	-1765 Oct 03 j 13:01	27°♊40'21	1.44538 AU	max. Earth dist.	-1764 Sep 15 j 04:26	11°♊39'54	1.43457 AU
desc. node	-1765 Oct 03 j 19:11	28°♊04'49		desc. node	-1764 Sep 19 j 16:10	18°♊50'19	
	-1765 Oct 05 j 00:19	0°♊		evening rise	-1764 Sep 23 j 20:23	25°♊22'33	
evening rise	-1765 Oct 15 j 14:44	16°♊32'23			-1764 Sep 26 j 20:20	0°♊	
	-1765 Oct 24 j 09:15	0°♊			-1764 Oct 17 j 12:04	0°♊	
greatest brilliancy	-1765 Oct 29 j 07:44	7°♊25'50	-0.6m	evening max el	-1764 Oct 23 j 17:08	7°♊22'00	21°07'51
evening max el	-1765 Nov 10 j 17:21	23°♊54'58	20°01'28	retrograde	-1764 Nov 01 j 05:51	12°♊25'40	
retrograde	-1765 Nov 18 j 08:41	28°♊23'22		evening set	-1764 Nov 05 j 06:53	10°♊53'17	
asc. node	-1765 Nov 19 j 21:05	28°♊10'08		asc. node	-1764 Nov 05 j 18:08	10°♊30'27	
evening set	-1765 Nov 21 j 23:25	27°♊07'12		inferior conj	-1764 Nov 10 j 15:54	4°♊41'06	1°37'53
inferior conj	-1765 Nov 27 j 11:01	21°♊04'47	2°23'58	minimum elong	-1764 Nov 10 j 13:49	4°♊48'16	1°37'04
				min. Earth dist.	-1764 Nov 11 j 01:23	4°♊08'33	0.67281 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1764 Nov 14 j 07:20	30° RA		inferior conj	-1763 Oct 25 j 22:34	18° A 22'40	0°47'21
morning rise	-1764 Nov 15 j 20:35	28° A 27'02		minimum elong	-1763 Oct 25 j 21:29	18° A 26'25	0°46'54
direct	-1764 Nov 21 j 01:59	26° A 11'49		min. Earth dist.	-1763 Oct 25 j 21:26	18° A 26'34	0.67539 AU
	-1764 Nov 29 j 00:19	0° M		morning rise	-1763 Oct 31 j 04:14	12° A 09'57	
morning max el	-1764 Dec 01 j 18:12	2° M 33'35	23°45'45	direct	-1763 Nov 04 j 18:37	10° A 16'51	
desc. node	-1764 Dec 16 j 15:33	21° M 13'52		morning max el	-1763 Nov 14 j 05:46	15° A 53'37	22°18'56
	-1764 Dec 22 j 15:42	0° J			-1763 Nov 25 j 16:15	0° M	
morning set	-1763 Jan 06 j 04:02	23° J 13'03		desc. node	-1763 Dec 03 j 12:34	11° M 13'59	
max. Earth dist.	-1763 Jan 10 j 03:48	0° S 08'24	1.38746 AU		-1763 Dec 15 j 17:18	0° J	
	-1763 Jan 10 j 01:53	0° S		morning set	-1763 Dec 17 j 12:26	2° J 53'39	
				max. Earth dist.	-1763 Dec 23 j 00:52	12° J 00'36	1.40836 AU
superior conj	-1763 Jan 17 j 12:25	13° S 35'04	-1°52'46				
minimum elong	-1763 Jan 17 j 15:02	13° S 47'24	1°52'40	superior conj	-1763 Dec 30 j 19:31	25° J 30'55	-1°58'59
	-1763 Jan 26 j 00:23	0° A		minimum elong	-1763 Dec 30 j 19:31	25° J 30'56	1°59'01
evening rise	-1763 Jan 26 j 13:39	1° A 04'39			-1762 Jan 02 j 07:11	0° S	
asc. node	-1763 Feb 01 j 17:26	12° A 45'13		evening rise	-1762 Jan 09 j 23:43	14° S 16'03	
evening max el	-1763 Feb 12 j 00:07	27° A 34'19	18°47'13		-1762 Jan 18 j 16:42	0° A	
	-1763 Feb 15 j 02:26	0° H		asc. node	-1762 Jan 19 j 14:27	1° A 28'52	
retrograde	-1763 Feb 20 j 02:55	1° H 30'01		evening max el	-1762 Jan 26 j 06:28	10° A 18'24	18°17'41
evening set	-1763 Feb 22 j 12:08	1° H 11'00		retrograde	-1762 Feb 02 j 10:05	13° A 52'01	
	-1763 Feb 25 j 11:08	30° R		evening set	-1762 Feb 04 j 23:31	13° A 25'42	
inferior conj	-1763 Mar 02 j 06:39	26° A 49'50	3°01'49	inferior conj	-1762 Feb 12 j 01:33	8° A 43'58	3°43'49
minimum elong	-1763 Mar 02 j 11:03	26° A 41'41	3°00'50	minimum elong	-1762 Feb 12 j 03:53	8° A 38'57	3°43'33
min. Earth dist.	-1763 Mar 05 j 13:47	24° A 24'48	0.57635 AU	min. Earth dist.	-1762 Feb 15 j 10:44	5° A 50'42	0.59622 AU
morning rise	-1763 Mar 10 j 07:12	21° A 37'54		morning rise	-1762 Feb 19 j 06:10	3° A 08'42	
desc. node	-1763 Mar 14 j 14:41	20° A 26'28		direct	-1762 Feb 25 j 17:51	1° A 14'28	
direct	-1763 Mar 15 j 20:28	20° A 22'40		desc. node	-1762 Mar 01 j 11:44	1° A 50'47	
morning max el	-1763 Mar 30 j 03:57	27° A 51'13	26°05'06	morning max el	-1762 Mar 12 j 00:29	8° A 56'39	27°11'05
	-1763 Apr 01 j 06:25	0° H			-1762 Mar 28 j 02:27	0° H	
	-1763 Apr 21 j 06:27	0° Y		morning set	-1762 Apr 11 j 20:16	27° H 14'44	
morning set	-1763 Apr 27 j 10:55	12° Y 23'32			-1762 Apr 13 j 03:47	0° Y	
asc. node	-1763 Apr 30 j 16:46	19° Y 19'12		asc. node	-1762 Apr 17 j 13:48	9° Y 31'07	
superior conj	-1763 May 04 j 11:05	27° Y 32'10	0°38'46	superior conj	-1762 Apr 18 j 22:51	12° Y 32'02	0°14'30
minimum elong	-1763 May 04 j 09:28	27° Y 23'16	0°38'26	minimum elong	-1762 Apr 18 j 22:12	12° Y 28'29	0°14'22
max. Earth dist.	-1763 May 04 j 23:55	28° Y 42'23	1.32603 AU	behind sun begin	-1762 Apr 18 j 20:06	12° Y 17'02	
	-1763 May 05 j 14:08	0° B		behind sun end	-1762 Apr 19 j 00:17	12° Y 39'57	
evening rise	-1763 May 11 j 12:00	12° B 39'01		max. Earth dist.	-1762 Apr 18 j 13:01	11° Y 38'10	1.32436 AU
	-1763 May 20 j 10:46	0° II		evening rise	-1762 Apr 25 j 21:14	27° Y 32'16	
desc. node	-1763 Jun 10 j 13:49	29° II 49'02			-1762 Apr 27 j 01:34	0° B	
	-1763 Jun 10 j 18:17	0° E			-1762 May 14 j 02:45	0° II	
evening max el	-1763 Jun 11 j 07:14	0° E 31'20	26°58'44	evening max el	-1762 May 24 j 05:58	12° II 08'25	26°01'33
retrograde	-1763 Jun 25 j 06:09	7° E 50'03		desc. node	-1762 May 28 j 10:52	15° II 40'10	
evening set	-1763 Jul 02 j 04:01	5° E 42'02		retrograde	-1762 Jun 07 j 07:45	19° II 23'21	
min. Earth dist.	-1763 Jul 05 j 20:55	3° E 00'08	0.61020 AU	evening set	-1762 Jun 13 j 10:13	17° II 52'26	
inferior conj	-1763 Jul 09 j 02:51	0° E 12'16	-4°25'30	min. Earth dist.	-1762 Jun 17 j 18:40	15° II 11'44	0.58965 AU
minimum elong	-1763 Jul 09 j 05:27	0° E 06'36	4°25'12	inferior conj	-1762 Jun 21 j 02:52	12° II 41'37	-4°33'04
	-1763 Jul 09 j 08:31	30° RII		minimum elong	-1762 Jun 21 j 02:10	12° II 42'57	4°33'02
morning rise	-1763 Jul 16 j 08:37	25° II 23'14		morning rise	-1762 Jun 28 j 20:35	8° II 14'41	
direct	-1763 Jul 18 j 20:53	24° II 57'54		direct	-1762 Jul 01 j 08:49	7° II 53'28	
morning max el	-1763 Jul 25 j 23:06	28° II 27'48	18°03'18	morning max el	-1762 Jul 09 j 07:17	11° II 40'01	18°31'51
	-1763 Jul 27 j 10:08	0° E		asc. node	-1762 Jul 14 j 13:03	18° II 03'20	
asc. node	-1763 Jul 27 j 16:01	0° E 16'55			-1762 Jul 21 j 14:10	0° E	
morning set	-1763 Aug 10 j 22:04	23° E 39'29		morning set	-1762 Jul 25 j 12:06	7° E 26'24	
	-1763 Aug 14 j 08:22	0° O					
superior conj	-1763 Aug 21 j 00:24	12° O 03'15	1°33'46	superior conj	-1762 Aug 03 j 11:28	24° E 34'55	1°45'59
minimum elong	-1763 Aug 21 j 04:23	12° O 20'51	1°33'28	minimum elong	-1762 Aug 03 j 13:03	24° E 42'18	1°45'57
max. Earth dist.	-1763 Aug 28 j 14:13	25° O 03'59	1.41843 AU	max. Earth dist.	-1762 Aug 06 j 10:10	0° O	
	-1763 Aug 31 j 13:59	0° M		evening rise	-1762 Aug 10 j 18:21	7° O 43'26	1.39922 AU
evening rise	-1763 Sep 03 j 11:26	4° M 40'29		desc. node	-1762 Aug 15 j 01:23	15° O 03'42	
desc. node	-1763 Sep 06 j 13:10	9° M 32'17			-1762 Aug 24 j 10:11	0° M 06'59	
	-1763 Sep 20 j 04:29	0° A			-1762 Aug 24 j 08:23	0° M	
evening max el	-1763 Oct 06 j 10:59	20° A 48'54	22°23'51	evening max el	-1762 Sep 15 j 01:09	0° A	
retrograde	-1763 Oct 16 j 01:18	26° A 31'18		retrograde	-1762 Sep 19 j 00:27	4° A 18'20	23°44'12
evening set	-1763 Oct 20 j 14:36	24° A 41'00		evening set	-1762 Sep 29 j 17:38	10° A 37'35	
asc. node	-1763 Oct 23 j 15:11	21° A 28'37		min. Earth dist.	-1762 Oct 04 j 20:52	8° A 28'42	
					-1762 Oct 09 j 17:56	2° A 46'46	0.67488 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

inferior conj	-1762 Oct 10 j 05:16	2°♌08'05	-0°06'00	desc. node	-1761 Aug 11 j 07:13	20°♌29'32	
minimum elong	-1762 Oct 10 j 05:25	2°♌07'36	0°05'56		-1761 Aug 17 j 20:38	0°♍	
transit middle	-1762 Oct 10 j 05:25	2°♌07'36	0°05'56	evening max el	-1761 Sep 01 j 11:58	17°♍51'45	25°02'11
transit begin	-1762 Oct 10 j 02:53	2°♌16'14		retrograde	-1761 Sep 13 j 05:51	24°♍40'39	
transit end	-1762 Oct 10 j 07:56	1°♌58'59		evening set	-1761 Sep 18 j 23:58	22°♍14'10	
asc. node	-1762 Oct 10 j 12:13	1°♌44'23		min. Earth dist.	-1761 Sep 23 j 12:20	17°♍07'19	0.67121 AU
	-1762 Oct 11 j 19:29	30°♍		inferior conj	-1761 Sep 24 j 10:17	15°♍55'04	-1°00'39
morning rise	-1762 Oct 15 j 13:53	25°♍59'25		minimum elong	-1761 Sep 24 j 11:46	15°♍50'11	1°00'02
direct	-1762 Oct 19 j 14:35	24°♍27'48		asc. node	-1761 Sep 27 j 09:18	12°♍14'54	
morning max el	-1762 Oct 27 j 23:15	29°♍21'31	20°58'38	morning rise	-1761 Sep 29 j 23:38	9°♍53'34	
	-1762 Oct 28 j 14:07	0°♌		direct	-1761 Oct 03 j 12:36	8°♍41'04	
	-1762 Nov 19 j 09:15	0°♍		morning max el	-1761 Oct 11 j 00:16	12°♍59'11	19°50'06
desc. node	-1762 Nov 20 j 09:36	1°♍32'26			-1761 Oct 23 j 20:01	0°♌	
morning set	-1762 Nov 26 j 18:35	11°♍22'16		morning set	-1761 Nov 05 j 16:00	19°♌34'05	
max. Earth dist.	-1762 Dec 05 j 04:41	24°♍47'31	1.42712 AU	desc. node	-1761 Nov 07 j 06:38	22°♌03'47	
	-1762 Dec 08 j 08:48	0°♌			-1761 Nov 12 j 08:42	0°♍	
				max. Earth dist.	-1761 Nov 17 j 16:29	8°♍24'44	1.44108 AU
superior conj	-1762 Dec 12 j 03:16	6°♌18'53	-1°51'53	superior conj	-1761 Nov 22 j 07:59	15°♍52'02	-1°27'43
minimum elong	-1762 Dec 11 j 23:05	6°♌01'07	1°51'41	minimum elong	-1761 Nov 22 j 00:24	15°♍21'20	1°27'01
evening rise	-1762 Dec 23 j 19:41	26°♌44'41			-1761 Nov 30 j 22:05	0°♌	
	-1762 Dec 25 j 15:22	0°♌		evening rise	-1761 Dec 05 j 21:12	8°♌22'47	
asc. node	-1761 Jan 06 j 11:30	19°♌33'04			-1761 Dec 19 j 00:01	0°♌	
evening max el	-1761 Jan 09 j 17:24	23°♌22'43	18°07'52	asc. node	-1761 Dec 24 j 08:33	6°♌46'28	
retrograde	-1761 Jan 16 j 08:37	26°♌48'49		evening max el	-1761 Dec 24 j 06:03	6°♌40'09	18°17'07
evening set	-1761 Jan 19 j 01:59	26°♌13'57		retrograde	-1761 Dec 30 j 18:20	10°♌11'18	
inferior conj	-1761 Jan 25 j 14:48	21°♌10'57	3°56'11	evening set	-1760 Jan 02 j 15:53	9°♌26'54	
minimum elong	-1761 Jan 25 j 14:40	21°♌11'15	3°56'09	inferior conj	-1760 Jan 08 j 18:33	4°♌03'47	3°47'00
min. Earth dist.	-1761 Jan 28 j 14:52	18°♌14'14	0.61677 AU	minimum elong	-1760 Jan 08 j 16:40	4°♌09'02	3°46'45
morning rise	-1761 Feb 01 j 02:07	15°♌20'40		min. Earth dist.	-1760 Jan 11 j 04:18	1°♌24'29	0.63538 AU
direct	-1761 Feb 08 j 01:28	12°♌53'07			-1760 Jan 12 j 12:58	30°♌	
desc. node	-1761 Feb 16 j 08:48	15°♌51'57		morning rise	-1760 Jan 14 j 16:49	28°♌03'33	
morning max el	-1761 Feb 22 j 03:04	20°♌41'01	27°42'58	direct	-1760 Jan 21 j 17:02	25°♌16'24	
	-1761 Mar 02 j 04:52	0°♌			-1760 Feb 01 j 01:38	0°♌	
	-1761 Mar 21 j 00:32	0°♌		desc. node	-1760 Feb 03 j 05:52	1°♌55'03	
morning set	-1761 Mar 27 j 01:22	11°♌50'05		morning max el	-1760 Feb 04 j 10:28	3°♌04'03	27°38'09
max. Earth dist.	-1761 Apr 02 j 00:08	24°♌23'52	1.32631 AU		-1760 Feb 24 j 13:57	0°♌	
superior conj	-1761 Apr 03 j 09:29	27°♌24'54	-0°11'08	morning set	-1760 Mar 09 j 23:52	26°♌01'50	
minimum elong	-1761 Apr 03 j 10:00	27°♌27'42	0°11'02		-1760 Mar 11 j 23:05	0°♌	
behind sun begin	-1761 Apr 03 j 06:19	27°♌07'38		max. Earth dist.	-1760 Mar 15 j 05:30	6°♌47'00	1.33221 AU
behind sun end	-1761 Apr 03 j 13:41	27°♌47'47		superior conj	-1760 Mar 17 j 17:18	12°♌05'00	-0°37'13
asc. node	-1761 Apr 04 j 10:50	29°♌43'02		minimum elong	-1760 Mar 17 j 19:02	12°♌14'15	0°36'51
	-1761 Apr 04 j 13:57	0°♍		asc. node	-1760 Mar 21 j 07:54	19°♌51'00	
evening rise	-1761 Apr 10 j 08:35	12°♍28'19		evening rise	-1760 Mar 24 j 20:15	27°♌20'56	
	-1761 Apr 19 j 07:03	0°♌			-1760 Mar 26 j 02:42	0°♍	
evening max el	-1761 May 05 j 22:56	23°♌06'15	24°39'31		-1760 Apr 13 j 02:31	0°♌	
desc. node	-1761 May 15 j 07:55	29°♌21'32		evening max el	-1760 Apr 16 j 14:22	3°♌44'25	23°05'20
	-1761 May 17 j 20:06	0°♍		retrograde	-1760 Apr 29 j 23:45	10°♌22'30	
retrograde	-1761 May 19 j 22:14	0°♍10'06		desc. node	-1760 May 01 j 04:58	10°♌19'12	
	-1761 May 22 j 00:30	30°♌		evening set	-1760 May 03 j 10:32	9°♌56'28	
evening set	-1761 May 24 j 18:05	29°♌17'25		min. Earth dist.	-1760 May 11 j 00:12	6°♌34'03	0.55669 AU
min. Earth dist.	-1761 May 30 j 10:46	26°♌21'52	0.57067 AU	inferior conj	-1760 May 12 j 16:04	5°♌36'02	-3°00'26
inferior conj	-1761 Jun 02 j 07:14	24°♌30'31	-4°07'56	minimum elong	-1760 May 12 j 09:25	5°♌45'46	2°58'35
minimum elong	-1761 Jun 02 j 02:23	24°♌38'28	4°07'11	morning rise	-1760 May 21 j 10:46	1°♌40'21	
morning rise	-1761 Jun 10 j 13:36	20°♌23'10		direct	-1760 May 24 j 02:17	1°♌23'33	
direct	-1761 Jun 13 j 02:46	20°♌04'56		morning max el	-1760 Jun 03 j 21:13	6°♌24'02	20°30'55
morning max el	-1761 Jun 22 j 07:26	24°♌21'38	19°21'04	asc. node	-1760 Jun 17 j 07:12	25°♌40'48	
	-1761 Jun 27 j 03:56	0°♍			-1760 Jun 19 j 13:17	0°♍	
asc. node	-1761 Jul 01 j 10:07	6°♍34'54		morning set	-1760 Jun 22 j 16:40	6°♍18'00	
morning set	-1761 Jul 09 j 11:15	21°♍41'46					
	-1761 Jul 13 j 14:52	0°♍		superior conj	-1760 Jun 30 j 08:07	22°♍00'55	1°41'35
superior conj	-1761 Jul 17 j 15:39	7°♍58'41	1°47'48	minimum elong	-1760 Jun 30 j 06:15	21°♍51'25	1°41'30
minimum elong	-1761 Jul 17 j 15:09	7°♍56'13	1°47'50		-1760 Jul 04 j 08:02	0°♍	
max. Earth dist.	-1761 Jul 23 j 20:51	19°♍46'29	1.37948 AU	max. Earth dist.	-1760 Jul 05 j 03:37	1°♍35'31	1.36147 AU
evening rise	-1761 Jul 27 j 16:38	26°♍39'56		evening rise	-1760 Jul 09 j 05:30	9°♍20'09	
	-1761 Jul 29 j 14:28	0°♌			-1760 Jul 21 j 05:40	0°♌	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

desc. node	-1760 Jul 28 j 04:15	10°Ω33'53		desc. node	-1759 Jul 15 j 01:15	0°Ω12'03	
	-1760 Aug 12 j 12:53	0°ྐ		evening max el	-1759 Jul 27 j 10:53	14°Ω55'22	26°59'28
evening max el	-1760 Aug 13 j 23:17	1°ྐ26'19	26°09'52	retrograde	-1759 Aug 09 j 15:34	22°Ω14'35	
retrograde	-1760 Aug 26 j 13:15	8°ྐ35'04		evening set	-1759 Aug 16 j 12:14	19°Ω27'29	
evening set	-1760 Sep 01 j 21:52	5°ྐ54'39		min. Earth dist.	-1759 Aug 20 j 09:10	15°Ω35'42	0.65364 AU
min. Earth dist.	-1760 Sep 06 j 02:11	1°ྐ25'05	0.66424 AU	inferior conj	-1759 Aug 22 j 07:36	13°Ω21'51	-2°46'54
inferior conj	-1760 Sep 07 j 11:45	29°Ω40'38	-1°54'59	minimum elong	-1759 Aug 22 j 11:27	13°Ω10'43	2°45'36
minimum elong	-1760 Sep 07 j 14:33	29°Ω31'57	1°53'54	morning rise	-1759 Aug 28 j 11:13	7°Ω44'07	
	-1760 Sep 07 j 05:33	30°ᠠ᠒		direct	-1759 Aug 31 j 07:23	7°Ω00'03	
morning rise	-1760 Sep 13 j 07:28	23°Ω49'26		asc. node	-1759 Aug 31 j 03:27	7°Ω00'11	
asc. node	-1760 Sep 13 j 06:23	23°Ω51'04		morning max el	-1759 Sep 06 j 21:07	10°Ω34'53	18°18'29
direct	-1760 Sep 16 j 10:52	22°Ω52'53			-1759 Sep 20 j 08:54	0°ྐ	
morning max el	-1760 Sep 23 j 08:12	26°Ω44'45	18°56'11	morning set	-1759 Sep 25 j 20:28	8°ྐ59'55	
	-1760 Sep 26 j 04:43	0°ྐ			-1759 Oct 08 j 20:14	0°᠘	
morning set	-1760 Oct 15 j 04:31	28°ྐ36'09					
	-1760 Oct 16 j 01:47	0°᠘		superior conj	-1759 Oct 10 j 14:43	2°᠘48'29	0°02'42
desc. node	-1760 Oct 24 j 03:38	12°᠘43'13		minimum elong	-1759 Oct 10 j 15:03	2°᠘49'49	0°02'40
max. Earth dist.	-1760 Oct 30 j 09:30	22°᠘32'36	1.44849 AU	behind sun begin	-1759 Oct 10 j 04:03	2°᠘06'15	
				behind sun end	-1759 Oct 11 j 02:03	3°᠘33'21	
superior conj	-1760 Oct 31 j 13:48	24°᠘24'07	-0°46'45	desc. node	-1759 Oct 11 j 00:39	3°᠘27'49	
minimum elong	-1760 Oct 31 j 07:55	24°᠘00'56	0°46'02	max. Earth dist.	-1759 Oct 13 j 04:03	6°᠘50'44	1.44860 AU
	-1760 Nov 04 j 02:49	0°ྐ		evening rise	-1759 Oct 27 j 02:40	28°᠘41'18	
evening rise	-1760 Nov 15 j 23:58	19°ྐ01'55			-1759 Oct 27 j 22:49	0°ྐ	
	-1760 Nov 22 j 18:21	0°᠗		greatest brilliancy	-1759 Nov 07 j 11:09	16°ྐ19'02	-0.7m
evening max el	-1760 Dec 06 j 17:37	20°᠗03'51	18°44'35		-1759 Nov 17 j 00:56	0°᠗	
asc. node	-1760 Dec 10 j 05:37	22°᠗54'16		evening max el	-1759 Nov 20 j 01:51	3°᠗30'20	19°28'58
retrograde	-1760 Dec 13 j 11:05	23°᠗50'43		retrograde	-1759 Nov 27 j 07:32	7°᠗41'46	
evening set	-1760 Dec 16 j 13:52	22°᠗55'31		asc. node	-1759 Nov 27 j 02:39	7°᠗41'32	
inferior conj	-1760 Dec 22 j 09:01	17°᠗14'39	3°22'42	evening set	-1759 Nov 30 j 17:14	6°᠗33'59	
minimum elong	-1760 Dec 22 j 06:14	17°᠗23'07	3°22'05	inferior conj	-1759 Dec 06 j 07:04	0°᠗38'25	2°47'43
min. Earth dist.	-1760 Dec 24 j 03:35	15°᠗05'46	0.65061 AU	minimum elong	-1759 Dec 06 j 04:08	0°᠗47'56	2°46'51
morning rise	-1760 Dec 27 j 22:16	11°᠗07'28			-1759 Dec 06 j 18:53	30°ᠠ᠓	
direct	-1759 Jan 03 j 15:16	8°᠗15'42		min. Earth dist.	-1759 Dec 07 j 11:37	29°᠓05'54	0.66207 AU
morning max el	-1759 Jan 16 j 20:07	15°᠗55'30	27°00'06	morning rise	-1759 Dec 11 j 14:47	24°᠓26'39	
desc. node	-1759 Jan 20 j 02:55	19°᠗25'33		direct	-1759 Dec 17 j 19:38	21°᠓42'44	
	-1759 Jan 28 j 12:10	0°᠐		morning max el	-1759 Dec 30 j 05:35	29°᠓02'53	25°56'03
	-1759 Feb 16 j 08:17	0°᠐			-1759 Dec 31 j 03:53	0°᠗	
morning set	-1759 Feb 21 j 12:37	9°᠐39'49		desc. node	-1758 Jan 06 j 23:57	7°᠗57'55	
max. Earth dist.	-1759 Feb 26 j 01:20	18°᠐37'16	1.34235 AU		-1758 Jan 22 j 07:53	0°᠐	
				morning set	-1758 Feb 04 j 11:21	22°᠐31'26	
superior conj	-1759 Mar 01 j 20:14	26°᠐25'35	-1°02'36		-1758 Feb 08 j 10:29	0°᠐	
minimum elong	-1759 Mar 01 j 23:03	26°᠐40'16	1°02'07	max. Earth dist.	-1758 Feb 08 j 09:19	29°᠐54'25	1.35695 AU
	-1759 Mar 03 j 13:05	0°᠂					
asc. node	-1759 Mar 08 j 04:58	9°᠂50'33		superior conj	-1758 Feb 13 j 15:48	10°᠐19'17	-1°25'50
evening rise	-1759 Mar 09 j 06:24	12°᠂03'31		minimum elong	-1758 Feb 13 j 19:17	10°᠐36'52	1°25'23
	-1759 Mar 18 j 14:40	0°᠑		evening rise	-1758 Feb 21 j 13:05	26°᠐29'46	
evening max el	-1759 Mar 29 j 10:48	14°᠑31'41	21°33'25	asc. node	-1758 Feb 23 j 01:59	29°᠐36'57	
retrograde	-1759 Apr 10 j 15:13	20°᠑26'16			-1758 Feb 23 j 06:35	0°᠂	
evening set	-1759 Apr 13 j 03:06	20°᠑12'08		evening max el	-1758 Mar 11 j 17:17	25°᠂50'27	20°14'21
desc. node	-1759 Apr 18 j 02:00	18°᠑31'09			-1758 Mar 17 j 20:08	0°᠑	
inferior conj	-1759 Apr 22 j 12:10	16°᠑10'25	-1°14'36	retrograde	-1758 Mar 22 j 05:54	0°᠑52'10	
minimum elong	-1759 Apr 22 j 08:41	16°᠑15'18	1°13'22	evening set	-1758 Mar 24 j 10:20	0°᠑40'05	
min. Earth dist.	-1759 Apr 22 j 13:26	16°᠑08'38	0.55068 AU		-1758 Mar 26 j 21:10	30°ᠠ᠂	
morning rise	-1759 May 01 j 14:55	12°᠑10'26		inferior conj	-1758 Apr 02 j 09:02	26°᠂41'26	0°43'25
direct	-1759 May 04 j 13:57	11°᠑51'14		minimum elong	-1758 Apr 02 j 10:57	26°᠂38'34	0°42'45
morning max el	-1759 May 17 j 00:11	17°᠑44'32	21°58'46	min. Earth dist.	-1758 Apr 04 j 03:34	25°᠂38'15	0.55420 AU
	-1759 May 26 j 17:37	0°᠑		desc. node	-1758 Apr 04 j 23:04	25°᠂09'57	
asc. node	-1759 Jun 04 j 04:16	15°᠑12'23		morning rise	-1758 Apr 11 j 09:45	22°᠂18'16	
morning set	-1759 Jun 07 j 02:08	21°᠑08'40		direct	-1758 Apr 15 j 03:24	21°᠂47'46	
	-1759 Jun 11 j 07:07	0°᠓		morning max el	-1758 Apr 28 j 18:32	28°᠂30'31	23°37'34
					-1758 Apr 30 j 06:37	0°᠑	
superior conj	-1759 Jun 14 j 09:07	6°᠓30'32	1°29'16		-1758 May 19 j 14:20	0°᠑	
minimum elong	-1759 Jun 14 j 06:37	6°᠓17'25	1°29'01	asc. node	-1758 May 22 j 01:18	5°᠑02'05	
max. Earth dist.	-1759 Jun 17 j 18:52	13°᠓33'49	1.34665 AU	morning set	-1758 May 22 j 13:43	6°᠑06'56	
evening rise	-1759 Jun 22 j 10:51	22°᠓50'43					
	-1759 Jun 26 j 05:53	0°᠐		superior conj	-1758 May 29 j 15:45	21°᠑17'38	1°12'19
	-1759 Jul 14 j 21:45	0°᠒		minimum elong	-1758 May 29 j 13:14	21°᠑04'06	1°11'56

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

max. Earth dist.	-1758 May 31 j 19:34	25° ♄ 54'09	1.33569 AU	max. Earth dist.	-1757 May 15 j 03:54	8° ♄ 36'50	1.32856 AU
	-1758 Jun 02 j 18:21	0° ♄		evening rise	-1757 May 21 j 05:43	21° ♄ 30'11	
evening rise	-1758 Jun 06 j 04:07	6° ♄ 57'43			-1757 May 25 j 12:04	0° ♄	
	-1758 Jun 18 j 18:55	0° ♄			-1757 Jun 12 j 20:15	0° ♄	
desc. node	-1758 Jul 01 j 22:17	19° ♄ 12'05		desc. node	-1757 Jun 18 j 19:18	7° ♄ 17'49	
evening max el	-1758 Jul 09 j 21:45	28° ♄ 07'33	27°23'54	evening max el	-1757 Jun 22 j 05:49	10° ♄ 50'42	27°17'30
	-1758 Jul 11 j 23:20	0° ♄		retrograde	-1757 Jul 06 j 02:29	18° ♄ 10'38	
retrograde	-1758 Jul 23 j 12:17	5° ♄ 29'31		evening set	-1757 Jul 13 j 05:24	15° ♄ 46'24	
evening set	-1758 Jul 30 j 16:01	2° ♄ 46'56		min. Earth dist.	-1757 Jul 16 j 19:35	12° ♄ 55'17	0.62156 AU
	-1758 Aug 02 j 19:21	30° ♄		inferior conj	-1757 Jul 19 j 19:56	10° ♄ 06'54	-4°10'52
min. Earth dist.	-1758 Aug 03 j 07:22	29° ♄ 29'46	0.63929 AU	minimum elong	-1757 Jul 19 j 23:38	9° ♄ 58'15	4°10'14
inferior conj	-1758 Aug 05 j 19:19	26° ♄ 52'51	-3°33'37	morning rise	-1757 Jul 26 j 19:13	5° ♄ 05'07	
minimum elong	-1758 Aug 05 j 23:39	26° ♄ 41'30	3°32'28	direct	-1757 Jul 29 j 08:00	4° ♄ 36'50	
morning rise	-1758 Aug 12 j 08:11	21° ♄ 31'37		asc. node	-1757 Aug 04 j 21:33	7° ♄ 49'39	
direct	-1758 Aug 14 j 23:28	20° ♄ 56'48		morning max el	-1757 Aug 05 j 03:01	8° ♄ 02'52	17°55'50
asc. node	-1758 Aug 18 j 00:30	21° ♄ 43'26			-1757 Aug 19 j 10:05	0° ♄	
morning max el	-1758 Aug 21 j 12:19	24° ♄ 23'03	17°58'02	morning set	-1757 Aug 21 j 06:38	3° ♄ 20'44	
	-1758 Aug 26 j 01:37	0° ♄					
morning set	-1758 Sep 07 j 15:01	20° ♄ 40'03		superior conj	-1757 Sep 01 j 04:54	22° ♄ 41'11	1°21'02
	-1758 Sep 13 j 02:04	0° ♄		minimum elong	-1757 Sep 01 j 09:57	23° ♄ 02'47	1°20'32
					-1757 Sep 05 j 12:42	0° ♄	
superior conj	-1758 Sep 20 j 08:17	12° ♄ 04'50	0°47'58	max. Earth dist.	-1757 Sep 08 j 09:45	4° ♄ 45'03	1.42824 AU
minimum elong	-1758 Sep 20 j 13:06	12° ♄ 24'27	0°47'22	desc. node	-1757 Sep 14 j 18:39	14° ♄ 58'33	
max. Earth dist.	-1758 Sep 25 j 20:53	21° ♄ 00'11	1.44151 AU	evening rise	-1757 Sep 15 j 18:49	16° ♄ 33'29	
desc. node	-1758 Sep 27 j 21:39	24° ♄ 13'59			-1757 Sep 24 j 13:18	0° ♄	
	-1758 Oct 01 j 13:37	0° ♄			-1757 Oct 16 j 16:33	0° ♄	
evening rise	-1758 Oct 06 j 11:28	7° ♄ 37'29		evening max el	-1757 Oct 17 j 02:18	0° ♄ 25'09	21°39'23
	-1758 Oct 21 j 07:01	0° ♄		retrograde	-1757 Oct 26 j 01:33	5° ♄ 44'51	
evening max el	-1758 Nov 03 j 05:01	16° ♄ 57'41	20°28'16	evening set	-1757 Oct 30 j 07:32	4° ♄ 05'10	
retrograde	-1758 Nov 11 j 05:01	21° ♄ 40'47		asc. node	-1757 Oct 31 j 20:43	2° ♄ 39'03	
asc. node	-1758 Nov 13 j 23:40	20° ♄ 56'28			-1757 Nov 03 j 01:44	30° ♄	
evening set	-1758 Nov 14 j 23:46	20° ♄ 18'11		inferior conj	-1757 Nov 04 j 15:57	27° ♄ 50'12	1°16'56
inferior conj	-1758 Nov 20 j 10:05	14° ♄ 11'14	2°05'05	minimum elong	-1757 Nov 04 j 14:15	27° ♄ 56'03	1°16'14
minimum elong	-1758 Nov 20 j 07:34	14° ♄ 19'46	2°04'10	min. Earth dist.	-1757 Nov 04 j 20:55	27° ♄ 33'05	0.67431 AU
min. Earth dist.	-1758 Nov 21 j 02:12	13° ♄ 16'44	0.66987 AU	morning rise	-1757 Nov 09 j 20:48	21° ♄ 36'24	
morning rise	-1758 Nov 25 j 15:09	7° ♄ 57'14		direct	-1757 Nov 14 j 19:50	19° ♄ 30'14	
direct	-1758 Dec 01 j 05:26	5° ♄ 29'51		morning max el	-1757 Nov 24 j 23:22	25° ♄ 32'46	23°08'25
morning max el	-1758 Dec 12 j 14:03	12° ♄ 16'18	24°35'31		-1757 Nov 29 j 00:11	0° ♄	
desc. node	-1758 Dec 24 j 21:00	27° ♄ 14'05		desc. node	-1757 Dec 11 j 18:01	17° ♄ 01'00	
	-1758 Dec 26 j 20:47	0° ♄			-1757 Dec 20 j 10:03	0° ♄	
	-1757 Jan 15 j 02:23	0° ♄		morning set	-1757 Dec 29 j 15:43	14° ♄ 50'24	
morning set	-1757 Jan 17 j 14:31	4° ♄ 20'43		max. Earth dist.	-1756 Jan 03 j 02:27	22° ♄ 23'28	1.39646 AU
max. Earth dist.	-1757 Jan 21 j 07:13	10° ♄ 57'23	1.37555 AU		-1756 Jan 07 j 10:06	0° ♄	
superior conj	-1757 Jan 28 j 00:47	23° ♄ 37'15	-1°44'49	superior conj	-1756 Jan 10 j 18:51	6° ♄ 07'14	-1°56'46
minimum elong	-1757 Jan 28 j 04:06	23° ♄ 53'17	1°44'35	minimum elong	-1756 Jan 10 j 20:36	6° ♄ 15'15	1°56'45
	-1757 Jan 31 j 06:54	0° ♄		evening rise	-1756 Jan 20 j 06:30	24° ♄ 05'47	
evening rise	-1757 Feb 05 j 14:03	10° ♄ 33'09			-1756 Jan 23 j 08:52	0° ♄	
asc. node	-1757 Feb 09 j 23:01	19° ♄ 04'53		asc. node	-1756 Jan 27 j 20:02	8° ♄ 07'00	
	-1757 Feb 16 j 06:06	0° ♄		evening max el	-1756 Feb 05 j 13:15	20° ♄ 16'42	18°32'13
evening max el	-1757 Feb 22 j 10:47	7° ♄ 47'28	19°13'24	retrograde	-1756 Feb 13 j 04:31	24° ♄ 00'41	
retrograde	-1757 Mar 03 j 07:59	12° ♄ 02'34		evening set	-1756 Feb 15 j 15:46	23° ♄ 38'36	
evening set	-1757 Mar 05 j 14:45	11° ♄ 46'59		inferior conj	-1756 Feb 23 j 02:54	19° ♄ 08'54	3°23'45
inferior conj	-1757 Mar 13 j 19:51	7° ♄ 36'48	2°21'20	minimum elong	-1756 Feb 23 j 06:36	19° ♄ 01'36	3°23'06
minimum elong	-1757 Mar 14 j 00:27	7° ♄ 29'00	2°20'03	min. Earth dist.	-1756 Feb 26 j 12:42	16° ♄ 29'05	0.58460 AU
min. Earth dist.	-1757 Mar 16 j 18:54	5° ♄ 37'33	0.56645 AU	morning rise	-1756 Mar 01 j 18:57	13° ♄ 46'19	
morning rise	-1757 Mar 22 j 07:18	2° ♄ 42'06		direct	-1756 Mar 07 j 19:06	12° ♄ 14'31	
desc. node	-1757 Mar 22 j 20:07	2° ♄ 30'49		desc. node	-1756 Mar 08 j 17:10	12° ♄ 16'40	
direct	-1757 Mar 27 j 04:45	1° ♄ 46'31		morning max el	-1756 Mar 22 j 02:27	19° ♄ 49'14	26°36'47
morning max el	-1757 Apr 10 j 09:19	9° ♄ 03'03	25°15'12		-1756 Mar 30 j 18:54	0° ♄	
	-1757 Apr 26 j 00:37	0° ♄			-1756 Apr 17 j 13:38	0° ♄	
morning set	-1757 May 07 j 01:44	21° ♄ 07'23		morning set	-1756 Apr 20 j 12:33	6° ♄ 03'32	
asc. node	-1757 May 08 j 22:21	25° ♄ 04'27		asc. node	-1756 Apr 24 j 19:24	15° ♄ 14'00	
	-1757 May 11 j 05:02	0° ♄					
				superior conj	-1756 Apr 27 j 13:25	21° ♄ 15'11	0°28'40
superior conj	-1757 May 14 j 01:49	6° ♄ 14'53	0°51'48	minimum elong	-1756 Apr 27 j 12:11	21° ♄ 08'23	0°28'26
minimum elong	-1757 May 13 j 23:45	6° ♄ 03'39	0°51'26	max. Earth dist.	-1756 Apr 27 j 16:28	21° ♄ 31'55	1.32497 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1756 May 01 j 13:42	0°♄		superior conj	-1755 Apr 12 j 00:55	6°♄12'39	0°03'44
evening rise	-1756 May 04 j 12:51	6°♄18'03		minimum elong	-1755 Apr 12 j 00:44	6°♄11'42	0°03'43
	-1756 May 17 j 02:39	0°♄		behind sun begin	-1755 Apr 11 j 19:49	5°♄44'50	
evening max el	-1756 Jun 03 j 08:33	22°♄53'30	26°38'04	behind sun end	-1755 Apr 12 j 05:39	6°♄38'35	
desc. node	-1756 Jun 04 j 16:20	24°♄06'35		evening rise	-1755 Apr 18 j 23:14	21°♄13'22	
	-1756 Jun 15 j 08:54	0°♄			-1755 Apr 23 j 06:15	0°♄	
retrograde	-1756 Jun 17 j 08:49	0°♄10'03			-1755 May 12 j 05:29	0°♄	
	-1756 Jun 19 j 08:12	30°♄17'12		evening max el	-1755 May 16 j 04:27	4°♄11'52	25°28'53
evening set	-1756 Jun 24 j 00:02	28°♄17'12		desc. node	-1755 May 22 j 13:23	9°♄07'09	
min. Earth dist.	-1756 Jun 27 j 21:53	25°♄37'55	0.60149 AU	retrograde	-1755 May 30 j 05:42	11°♄23'10	
inferior conj	-1756 Jul 01 j 05:58	22°♄55'19	-4°31'58	evening set	-1755 Jun 04 j 20:29	10°♄08'56	
minimum elong	-1756 Jul 01 j 07:23	22°♄52'25	4°31'52	min. Earth dist.	-1755 Jun 09 j 16:28	7°♄23'56	0.58121 AU
morning rise	-1756 Jul 08 j 16:41	18°♄15'24		inferior conj	-1755 Jun 12 j 21:50	5°♄07'59	-4°27'07
direct	-1756 Jul 11 j 04:55	17°♄51'49		minimum elong	-1755 Jun 12 j 19:20	5°♄12'25	4°26'54
morning max el	-1756 Jul 18 j 14:23	21°♄27'17	18°12'58	morning rise	-1755 Jun 20 j 20:54	0°♄50'13	
asc. node	-1756 Jul 21 j 18:37	25°♄03'46		direct	-1755 Jun 23 j 09:37	0°♄30'19	
	-1756 Jul 25 j 04:14	0°♄		morning max el	-1755 Jul 01 j 19:29	4°♄27'27	18°50'20
morning set	-1756 Aug 03 j 13:49	16°♄47'11		asc. node	-1755 Jul 08 j 15:42	13°♄10'50	
	-1756 Aug 10 j 15:11	0°♄			-1755 Jul 17 j 22:26	0°♄	
				morning set	-1755 Jul 18 j 08:06	0°♄47'13	
superior conj	-1756 Aug 13 j 03:30	4°♄35'10	1°40'23				
minimum elong	-1756 Aug 13 j 06:29	4°♄48'39	1°40'14	superior conj	-1755 Jul 26 j 22:31	17°♄31'01	1°47'53
max. Earth dist.	-1756 Aug 20 j 17:28	17°♄52'40	1.41049 AU	minimum elong	-1755 Jul 26 j 23:08	17°♄33'58	1°47'55
evening rise	-1756 Aug 25 j 18:42	26°♄16'44			-1755 Aug 02 j 16:59	0°♄	
	-1756 Aug 28 j 02:00	0°♄		max. Earth dist.	-1755 Aug 02 j 20:33	0°♄15'56	1.39068 AU
desc. node	-1756 Aug 31 j 15:41	5°♄38'14		evening rise	-1755 Aug 06 j 19:31	7°♄10'47	
	-1756 Sep 17 j 07:32	0°♄		desc. node	-1755 Aug 18 j 12:43	26°♄08'28	
evening max el	-1756 Sep 28 j 18:12	13°♄53'46	22°57'56		-1755 Aug 21 j 02:03	0°♄	
retrograde	-1756 Oct 08 j 19:42	19°♄51'44		evening max el	-1755 Sep 11 j 06:22	27°♄24'10	24°18'07
evening set	-1756 Oct 13 j 14:52	17°♄53'26			-1755 Sep 14 j 02:14	0°♄	
asc. node	-1756 Oct 17 j 17:45	13°♄13'24		retrograde	-1755 Sep 22 j 10:23	3°♄57'20	
inferior conj	-1756 Oct 18 j 22:51	11°♄33'53	0°25'02	evening set	-1755 Sep 27 j 20:01	1°♄40'22	
minimum elong	-1756 Oct 18 j 22:16	11°♄35'55	0°24'46		-1755 Sep 29 j 12:41	30°♄	
min. Earth dist.	-1756 Oct 18 j 17:21	11°♄52'49	0.67556 AU	min. Earth dist.	-1755 Oct 02 j 13:09	26°♄13'19	0.67368 AU
morning rise	-1756 Oct 24 j 05:34	5°♄22'49		inferior conj	-1755 Oct 03 j 05:02	25°♄19'53	-0°29'07
direct	-1756 Oct 28 j 14:00	3°♄39'01		minimum elong	-1755 Oct 03 j 05:44	25°♄17'31	0°28'50
morning max el	-1756 Nov 06 j 13:10	8°♄56'13	21°43'44	asc. node	-1755 Oct 04 j 14:50	23°♄27'46	
	-1756 Nov 22 j 18:28	0°♄		morning rise	-1755 Oct 08 j 15:28	19°♄14'10	
desc. node	-1756 Nov 27 j 15:03	7°♄10'14		direct	-1755 Oct 12 j 10:51	17°♄51'13	
morning set	-1756 Dec 08 j 11:57	23°♄57'11		morning max el	-1755 Oct 20 j 09:55	22°♄28'41	20°27'57
	-1756 Dec 12 j 06:08	0°♄			-1755 Oct 26 j 16:56	0°♄	
max. Earth dist.	-1756 Dec 15 j 02:46	4°♄41'55	1.41684 AU	desc. node	-1755 Nov 14 j 12:05	27°♄34'45	
					-1755 Nov 16 j 01:49	0°♄	
superior conj	-1756 Dec 22 j 16:46	17°♄36'30	-1°57'52	morning set	-1755 Nov 17 j 11:27	2°♄10'08	
minimum elong	-1756 Dec 22 j 15:07	17°♄29'18	1°57'51	max. Earth dist.	-1755 Nov 27 j 10:15	17°♄52'24	1.43373 AU
	-1756 Dec 29 j 15:16	0°♄					
evening rise	-1755 Jan 02 j 11:08	7°♄00'45		superior conj	-1755 Dec 03 j 13:07	27°♄52'13	-1°43'51
asc. node	-1755 Jan 13 j 17:04	26°♄35'22		minimum elong	-1755 Dec 03 j 07:08	27°♄27'23	1°43'27
	-1755 Jan 16 j 03:22	0°♄			-1755 Dec 04 j 19:50	0°♄	
evening max el	-1755 Jan 18 j 21:55	3°♄10'33	18°11'00	evening rise	-1755 Dec 15 j 23:49	19°♄09'14	
retrograde	-1755 Jan 25 j 18:55	6°♄39'22			-1755 Dec 22 j 05:10	0°♄	
evening set	-1755 Jan 28 j 10:06	6°♄09'26		asc. node	-1755 Dec 31 j 14:06	14°♄19'42	
inferior conj	-1755 Feb 04 j 06:04	1°♄18'13	3°52'11	evening max el	-1754 Jan 02 j 09:50	16°♄21'04	18°09'27
minimum elong	-1755 Feb 04 j 07:19	1°♄15'21	3°52'04	retrograde	-1754 Jan 08 j 22:56	19°♄48'19	
	-1755 Feb 05 j 16:03	30°♄		evening set	-1754 Jan 11 j 17:52	19°♄09'39	
min. Earth dist.	-1755 Feb 07 j 12:11	28°♄20'51	0.60514 AU	inferior conj	-1754 Jan 18 j 02:00	13°♄57'45	3°54'30
morning rise	-1755 Feb 11 j 02:53	25°♄35'42		minimum elong	-1754 Jan 18 j 01:02	14°♄00'18	3°54'24
direct	-1755 Feb 17 j 20:48	23°♄26'26		min. Earth dist.	-1754 Jan 20 j 20:16	11°♄06'14	0.62498 AU
desc. node	-1755 Feb 23 j 14:14	24°♄51'29		morning rise	-1754 Jan 24 j 07:13	8°♄02'26	
	-1755 Mar 02 j 19:48	0°♄		direct	-1754 Jan 31 j 07:54	5°♄24'45	
morning max el	-1755 Mar 04 j 01:41	1°♄10'59	27°29'07	desc. node	-1754 Feb 10 j 11:18	9°♄49'18	
	-1755 Mar 24 j 21:53	0°♄		morning max el	-1754 Feb 14 j 06:53	13°♄13'58	27°45'22
morning set	-1755 Apr 04 j 20:22	20°♄48'59			-1754 Feb 27 j 18:11	0°♄	
	-1755 Apr 09 j 04:27	0°♄			-1754 Mar 17 j 07:28	0°♄	
max. Earth dist.	-1755 Apr 11 j 05:24	4°♄26'03	1.32482 AU	morning set	-1754 Mar 19 j 23:05	5°♄16'29	
asc. node	-1755 Apr 11 j 16:27	5°♄26'21		max. Earth dist.	-1754 Mar 25 j 14:41	17°♄04'50	1.32830 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1754 Mar 27 j 10:37	21° X 01'34	-0°22'12	superior conj	-1753 Mar 11 j 16:38	5° X 34'46	-0°48'07
minimum elong	-1754 Mar 27 j 11:39	21° X 07'09	0°21'58	minimum elong	-1753 Mar 11 j 18:51	5° X 46'31	0°47'42
asc. node	-1754 Mar 29 j 13:30	25° X 37'37		asc. node	-1753 Mar 16 j 10:31	15° X 42'45	
	-1754 Mar 31 j 13:55	0° Y		evening rise	-1753 Mar 18 j 22:13	20° X 58'44	
evening rise	-1754 Apr 03 j 10:59	6° Y 09'23			-1753 Mar 23 j 08:38	0° Y	
	-1754 Apr 16 j 03:55	0° Z		evening max el	-1753 Apr 09 j 12:45	25° Y 37'57	22°25'18
evening max el	-1754 Apr 27 j 19:53	14° Z 58'22	23°59'59		-1753 Apr 15 j 06:54	0° Z	
desc. node	-1754 May 09 j 10:26	21° Z 43'19		retrograde	-1753 Apr 22 j 12:03	1° Z 59'30	
retrograde	-1754 May 11 j 15:15	21° Z 54'24		evening set	-1753 Apr 25 j 10:55	1° Z 40'20	
evening set	-1754 May 15 j 20:32	21° Z 14'49		desc. node	-1753 Apr 26 j 07:29	1° Z 27'57	
min. Earth dist.	-1754 May 22 j 07:09	18° Z 09'07	0.56388 AU		-1753 Apr 30 j 04:06	30° R Y	
inferior conj	-1754 May 24 j 17:39	16° Z 38'53	-3°44'47	min. Earth dist.	-1753 May 03 j 20:43	28° Y 02'25	0.55300 AU
minimum elong	-1754 May 24 j 11:30	16° Z 48'25	3°43'28	inferior conj	-1753 May 04 j 19:52	27° Y 29'33	-2°19'12
morning rise	-1754 Jun 02 j 05:30	12° Z 38'15		minimum elong	-1753 May 04 j 13:58	27° Y 37'57	2°17'21
direct	-1754 Jun 04 j 19:09	12° Z 21'04		morning rise	-1753 May 13 j 18:48	23° Y 33'57	
morning max el	-1754 Jun 14 j 15:37	16° Z 54'44	19°48'22	direct	-1753 May 16 j 12:20	23° Y 16'52	
	-1754 Jun 24 j 09:32	0° II		morning max el	-1753 May 28 j 00:49	28° Y 40'01	21°06'14
asc. node	-1754 Jun 25 j 12:48	1° II 58'50			-1753 May 29 j 09:25	0° Z	
morning set	-1754 Jul 02 j 10:15	15° II 12'50		asc. node	-1753 Jun 12 j 09:52	21° Z 16'48	
	-1754 Jul 09 j 17:44	0° S		morning set	-1753 Jun 16 j 17:38	29° Z 56'01	
					-1753 Jun 16 j 18:25	0° II	
superior conj	-1754 Jul 10 j 08:32	1° S 13'38	1°46'01	superior conj	-1753 Jun 24 j 05:02	15° II 28'57	1°37'01
minimum elong	-1754 Jul 10 j 07:21	1° S 07'47	1°46'01	minimum elong	-1753 Jun 24 j 02:49	15° II 17'30	1°36'51
max. Earth dist.	-1754 Jul 15 j 23:44	12° S 08'33	1.37145 AU	max. Earth dist.	-1753 Jun 28 j 09:32	23° II 58'10	1.35477 AU
evening rise	-1754 Jul 19 j 20:38	19° S 16'28			-1753 Jul 01 j 11:40	0° S	
	-1754 Jul 26 j 00:37	0° Q		evening rise	-1753 Jul 02 j 17:10	2° S 20'23	
desc. node	-1754 Aug 05 j 09:43	16° Q 24'21			-1753 Jul 18 j 23:42	0° Q	
	-1754 Aug 15 j 04:28	0° P		desc. node	-1753 Jul 23 j 06:45	6° Q 18'46	
evening max el	-1754 Aug 24 j 17:26	10° P 58'02	25°32'39	evening max el	-1753 Aug 07 j 05:00	24° Q 31'49	26°33'40
retrograde	-1754 Sep 05 j 20:47	17° P 57'31			-1753 Aug 14 j 04:44	0° P	
evening set	-1754 Sep 11 j 21:09	15° P 24'21		retrograde	-1753 Aug 20 j 02:11	1° P 46'18	
min. Earth dist.	-1754 Sep 16 j 05:57	10° P 33'05	0.66863 AU		-1753 Aug 25 j 09:48	30° R Q	
inferior conj	-1754 Sep 17 j 08:45	9° P 06'40	-1°23'54	evening set	-1753 Aug 26 j 16:09	29° Q 02'12	
minimum elong	-1754 Sep 17 j 10:49	9° P 00'03	1°23'03	min. Earth dist.	-1753 Aug 30 j 17:18	24° Q 48'28	0.66016 AU
asc. node	-1754 Sep 21 j 11:55	4° P 20'58		inferior conj	-1753 Sep 01 j 08:07	22° Q 51'11	-2°17'29
morning rise	-1754 Sep 23 j 00:37	3° P 09'09		minimum elong	-1753 Sep 01 j 11:24	22° Q 41'14	2°16'15
direct	-1754 Sep 26 j 09:07	2° P 04'03		morning rise	-1753 Sep 07 j 07:00	17° Q 05'02	
morning max el	-1754 Oct 03 j 14:03	6° P 10'14	19°25'13	asc. node	-1753 Sep 08 j 09:00	16° Q 34'59	
	-1754 Oct 20 j 16:35	0° A		direct	-1753 Sep 10 j 06:59	16° Q 14'12	
morning set	-1754 Oct 27 j 12:35	10° A 35'43		morning max el	-1753 Sep 17 j 00:19	19° Q 58'04	18°37'59
desc. node	-1754 Nov 01 j 09:06	18° A 09'56			-1753 Sep 24 j 17:12	0° P	
	-1754 Nov 08 j 22:03	0° M		morning set	-1753 Oct 07 j 12:11	20° P 11'15	
max. Earth dist.	-1754 Nov 09 j 23:58	1° M 42'24	1.44502 AU		-1753 Oct 13 j 15:42	0° A	
				desc. node	-1753 Oct 19 j 06:07	8° A 52'03	
superior conj	-1754 Nov 13 j 06:44	6° M 55'09	-1°12'06	superior conj	-1753 Oct 23 j 07:39	15° A 16'16	-0°26'04
minimum elong	-1754 Nov 12 j 23:04	6° M 24'37	1°11'17	minimum elong	-1753 Oct 23 j 04:12	15° A 02'43	0°25'37
	-1754 Nov 27 j 10:36	0° X		max. Earth dist.	-1753 Oct 23 j 17:46	15° A 56'03	1.44942 AU
evening rise	-1754 Nov 27 j 16:02	0° X 22'35			-1753 Nov 01 j 16:04	0° M	
evening max el	-1754 Dec 16 j 22:18	29° X 41'45	18°26'43	evening rise	-1753 Nov 08 j 08:20	10° M 35'22	
	-1754 Dec 17 j 05:34	0° Z		greatest brilliancy	-1753 Nov 16 j 10:40	23° M 28'25	-0.8m
asc. node	-1754 Dec 18 j 11:09	1° Z 07'10			-1753 Nov 20 j 15:02	0° X	
retrograde	-1754 Dec 23 j 12:00	3° Z 18'33		evening max el	-1753 Nov 30 j 08:46	13° X 07'36	19°01'38
evening set	-1754 Dec 26 j 11:31	2° Z 29'54		asc. node	-1753 Dec 05 j 08:12	16° X 42'53	
	-1754 Dec 29 j 16:26	30° R X		retrograde	-1753 Dec 07 j 06:33	17° X 03'36	
inferior conj	-1753 Jan 01 j 10:44	26° X 59'12	3°38'14	evening set	-1753 Dec 10 j 12:05	16° X 03'18	
minimum elong	-1753 Jan 01 j 08:21	27° X 06'04	3°37'50	inferior conj	-1753 Dec 16 j 04:45	10° X 16'05	3°08'58
min. Earth dist.	-1753 Jan 03 j 14:06	24° X 31'17	0.64224 AU	minimum elong	-1753 Dec 16 j 01:49	10° X 25'15	3°08'13
morning rise	-1753 Jan 07 j 04:40	20° X 55'33		min. Earth dist.	-1753 Dec 17 j 17:14	8° X 22'08	0.65593 AU
direct	-1753 Jan 14 j 02:39	18° X 04'19		morning rise	-1753 Dec 21 j 15:16	4° X 06'54	
morning max el	-1753 Jan 27 j 15:32	25° X 50'44	27°25'41	direct	-1753 Dec 28 j 03:44	1° X 16'54	
desc. node	-1753 Jan 28 j 08:21	26° X 33'15		morning max el	-1752 Jan 10 j 01:04	8° X 49'45	26°35'33
	-1753 Jan 31 j 12:15	0° Z		desc. node	-1752 Jan 15 j 05:23	14° X 32'44	
morning set	-1753 Feb 21 j 06:07	0° A			-1752 Jan 26 j 16:40	0° Z	
max. Earth dist.	-1753 Mar 03 j 17:54	19° A 15'50			-1752 Feb 13 j 16:02	0° A	
	-1753 Mar 08 j 16:13	29° A 14'25	1.33590 AU	morning set	-1752 Feb 15 j 01:15	2° A 35'58	
	-1753 Mar 09 j 01:00	0° X					

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

max. Earth dist.	-1752 Feb 19 j 06:53	10° \approx 48'55	1.34800 AU	max. Earth dist.	-1751 Jan 31 j 10:12	21° \approx 56'57	1.36447 AU
					-1751 Feb 04 j 14:46	0° \approx	
superior conj	-1752 Feb 23 j 16:47	19° \approx 45'26	-1°12'48	superior conj	-1751 Feb 06 j 08:16	3° \approx 24'46	-1°34'33
minimum elong	-1752 Feb 23 j 19:57	20° \approx 01'45	1°12'19	minimum elong	-1751 Feb 06 j 11:48	3° \approx 42'22	1°34'10
	-1752 Feb 28 j 14:42	0° \approx		evening rise	-1751 Feb 14 j 11:39	19° \approx 52'36	
evening rise	-1752 Mar 02 j 07:08	5° \approx 35'26		asc. node	-1751 Feb 17 j 04:34	25° \approx 16'45	
asc. node	-1752 Mar 02 j 07:33	5° \approx 37'34			-1751 Feb 19 j 15:23	0° \approx	
	-1752 Mar 15 j 22:06	0° \approx		evening max el	-1751 Mar 04 j 00:24	18° \approx 12'00	19°46'02
evening max el	-1752 Mar 21 j 13:15	6° \approx 37'37	20°57'51	retrograde	-1751 Mar 13 j 19:22	22° \approx 52'33	
retrograde	-1752 Apr 02 j 01:07	12° \approx 09'08		evening set	-1751 Mar 16 j 00:17	22° \approx 39'22	
evening set	-1752 Apr 04 j 08:18	11° \approx 56'43		inferior conj	-1751 Mar 24 j 15:51	18° \approx 36'49	1°28'47
desc. node	-1752 Apr 12 j 04:31	8° \approx 46'31		minimum elong	-1751 Mar 24 j 19:24	18° \approx 31'16	1°27'38
inferior conj	-1752 Apr 13 j 14:26	7° \approx 58'44	-0°24'00	min. Earth dist.	-1751 Mar 27 j 00:23	17° \approx 08'57	0.55850 AU
minimum elong	-1752 Apr 13 j 13:18	8° \approx 00'21	0°23'36	desc. node	-1751 Mar 30 j 01:32	15° \approx 25'49	
min. Earth dist.	-1752 Apr 14 j 10:14	7° \approx 30'38	0.55110 AU	morning rise	-1751 Apr 02 j 12:11	14° \approx 00'54	
morning rise	-1752 Apr 22 j 17:47	3° \approx 50'52		direct	-1751 Apr 06 j 17:01	13° \approx 21'39	
direct	-1752 Apr 25 j 23:37	3° \approx 28'03		morning max el	-1751 Apr 20 j 15:28	20° \approx 20'03	24°20'09
morning max el	-1752 May 08 j 23:27	9° \approx 43'26	22°39'53		-1751 Apr 28 j 20:43	0° \approx	
	-1752 May 23 j 14:34	0° \approx		morning set	-1751 May 15 j 16:13	29° \approx 51'04	
asc. node	-1752 May 29 j 06:54	10° \approx 56'50			-1751 May 15 j 17:55	0° \approx	
morning set	-1752 May 31 j 04:13	14° \approx 50'38		asc. node	-1751 May 16 j 03:56	0° \approx 52'47	
superior conj	-1752 Jun 07 j 08:43	0° \approx 06'45	1°22'34	superior conj	-1751 May 22 j 17:04	14° \approx 59'15	1°03'59
minimum elong	-1752 Jun 07 j 06:08	29° \approx 53'06	1°22'15	minimum elong	-1751 May 22 j 14:41	14° \approx 46'24	1°03'36
	-1752 Jun 07 j 07:26	0° \approx		max. Earth dist.	-1751 May 24 j 09:41	18° \approx 38'09	1.33224 AU
max. Earth dist.	-1752 Jun 10 j 05:08	6° \approx 06'10	1.34163 AU		-1751 May 29 j 19:55	0° \approx	
evening rise	-1752 Jun 15 j 04:06	16° \approx 08'08		evening rise	-1751 May 30 j 01:19	0° \approx 27'25	
	-1752 Jun 22 j 14:22	0° \approx			-1751 Jun 15 j 14:31	0° \approx	
desc. node	-1752 Jul 09 j 03:47	25° \approx 42'17		desc. node	-1751 Jun 26 j 00:48	14° \approx 21'54	
	-1752 Jul 12 j 12:09	0° \approx		evening max el	-1751 Jul 02 j 02:46	20° \approx 57'53	27°25'04
evening max el	-1752 Jul 19 j 16:43	7° \approx 55'57	27°13'20	retrograde	-1751 Jul 15 j 19:51	28° \approx 18'47	
retrograde	-1752 Aug 02 j 01:57	15° \approx 16'09		evening set	-1751 Jul 23 j 00:36	25° \approx 42'05	
evening set	-1752 Aug 09 j 02:23	12° \approx 02'47		min. Earth dist.	-1751 Jul 26 j 14:40	22° \approx 37'41	0.63218 AU
min. Earth dist.	-1752 Aug 12 j 20:47	8° \approx 53'11	0.64803 AU	inferior conj	-1751 Jul 29 j 08:16	19° \approx 54'11	-3°50'52
inferior conj	-1752 Aug 15 j 00:50	6° \approx 28'52	-3°07'36	minimum elong	-1751 Jul 29 j 12:30	19° \approx 43'36	3°49'55
minimum elong	-1752 Aug 15 j 04:59	6° \approx 17'19	3°06'18	morning rise	-1751 Aug 05 j 01:27	14° \approx 41'01	
morning rise	-1752 Aug 21 j 08:13	0° \approx 57'32		direct	-1751 Aug 07 j 15:31	14° \approx 09'10	
direct	-1752 Aug 24 j 02:06	0° \approx 17'37		asc. node	-1751 Aug 12 j 03:08	15° \approx 45'50	
asc. node	-1752 Aug 25 j 06:04	0° \approx 24'51		morning max el	-1751 Aug 14 j 05:54	17° \approx 33'51	17°54'51
morning max el	-1752 Aug 30 j 14:28	3° \approx 47'36	18°07'33		-1751 Aug 23 j 03:52	0° \approx	
	-1752 Sep 16 j 23:25	0° \approx		morning set	-1751 Aug 30 j 20:21	13° \approx 18'14	
morning set	-1752 Sep 17 j 16:02	1° \approx 09'30			-1751 Sep 09 j 12:12	0° \approx	
superior conj	-1752 Oct 01 j 13:20	23° \approx 55'58	0°23'06	superior conj	-1751 Sep 11 j 18:07	3° \approx 46'06	1°03'42
minimum elong	-1752 Oct 01 j 16:05	24° \approx 07'00	0°22'44	minimum elong	-1751 Sep 11 j 23:28	4° \approx 08'21	1°03'05
desc. node	-1752 Oct 05 j 03:07	29° \approx 37'32		max. Earth dist.	-1751 Sep 18 j 04:21	14° \approx 17'33	1.43658 AU
	-1752 Oct 05 j 08:48	0° \approx		desc. node	-1751 Sep 22 j 00:10	20° \approx 23'45	
max. Earth dist.	-1752 Oct 05 j 12:23	0° \approx 14'11	1.44646 AU	evening rise	-1751 Sep 27 j 07:56	28° \approx 43'25	
evening rise	-1752 Oct 18 j 02:00	19° \approx 52'47			-1751 Sep 28 j 03:45	0° \approx	
	-1752 Oct 24 j 15:30	0° \approx			-1751 Oct 18 j 11:33	0° \approx	
greatest brilliancy	-1752 Oct 31 j 06:49	10° \approx 04'43	-0.7m	evening max el	-1751 Oct 26 j 15:42	10° \approx 01'42	20°57'11
evening max el	-1752 Nov 12 j 15:03	26° \approx 34'35	19°52'35	retrograde	-1751 Nov 04 j 01:01	15° \approx 00'01	
	-1752 Nov 16 j 19:42	0° \approx		evening set	-1751 Nov 08 j 00:20	13° \approx 30'13	
retrograde	-1752 Nov 20 j 03:38	0° \approx 58'19		asc. node	-1751 Nov 08 j 02:17	13° \approx 26'29	
asc. node	-1752 Nov 21 j 05:14	0° \approx 51'46		inferior conj	-1751 Nov 13 j 09:38	7° \approx 19'09	1°45'13
	-1752 Nov 23 j 07:28	30° \approx 00'00		minimum elong	-1751 Nov 13 j 07:25	7° \approx 26'43	1°44'21
evening set	-1752 Nov 23 j 17:02	29° \approx 44'18		min. Earth dist.	-1751 Nov 13 j 20:46	6° \approx 41'01	0.67218 AU
inferior conj	-1752 Nov 29 j 05:09	23° \approx 43'30	2°30'24	morning rise	-1751 Nov 18 j 14:21	1° \approx 04'58	
minimum elong	-1752 Nov 29 j 02:20	23° \approx 52'50	2°29'29		-1751 Nov 20 j 00:22	30° \approx 00'00	
min. Earth dist.	-1752 Nov 30 j 04:09	22° \approx 27'23	0.66583 AU	direct	-1751 Nov 23 j 22:00	28° \approx 46'34	
morning rise	-1752 Dec 04 j 11:26	17° \approx 30'47			-1751 Nov 28 j 05:02	0° \approx	
direct	-1752 Dec 10 j 10:18	14° \approx 53'15		morning max el	-1751 Dec 04 j 18:38	5° \approx 15'07	23°58'42
morning max el	-1752 Dec 22 j 09:56	21° \approx 59'50	25°23'18	desc. node	-1751 Dec 18 j 23:27	22° \approx 55'24	
	-1752 Dec 29 j 10:31	0° \approx			-1751 Dec 23 j 21:09	0° \approx	
desc. node	-1751 Jan 01 j 02:24	3° \approx 25'08		morning set	-1750 Jan 09 j 09:08	26° \approx 21'02	
	-1751 Jan 18 j 23:10	0° \approx			-1750 Jan 11 j 12:06	0° \approx	
morning set	-1751 Jan 27 j 16:20	15° \approx 02'21					

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

max. Earth dist.	-1750 Jan 13 j 06:15	3° Z 06'03	1.38431 AU	morning set	-1750 Dec 20 j 22:02	6° Z 13'05	
				max. Earth dist.	-1750 Dec 26 j 02:31	14° Z 50'44	1.40531 AU
superior conj	-1750 Jan 20 j 11:25	16° Z 23'01	-1°50'59				
minimum elong	-1750 Jan 20 j 14:16	16° Z 36'33	1°50'49	superior conj	-1749 Jan 02 j 21:37	28° Z 28'48	-1°58'49
	-1750 Jan 27 j 11:50	0° Z		minimum elong	-1749 Jan 02 j 22:08	28° Z 31'09	1°58'50
evening rise	-1750 Jan 29 j 09:21	3° Z 43'28			-1749 Jan 03 j 17:48	0° Z	
asc. node	-1750 Feb 04 j 01:35	14° Z 34'22		evening rise	-1749 Jan 12 j 21:15	17° Z 01'09	
	-1750 Feb 14 j 12:41	0° Z			-1749 Jan 19 j 22:36	0° Z	
evening max el	-1750 Feb 14 j 21:54	0° Z 22'39	18°53'25	asc. node	-1749 Jan 21 j 22:38	3° Z 23'28	
retrograde	-1750 Feb 23 j 05:14	4° Z 23'01		evening max el	-1749 Jan 29 j 03:25	13° Z 03'44	18°20'50
evening set	-1750 Feb 25 j 13:43	4° Z 05'02		retrograde	-1749 Feb 05 j 09:41	16° Z 39'27	
inferior conj	-1750 Mar 05 j 10:56	29° Z 46'57	2°52'22	evening set	-1749 Feb 07 j 22:34	16° Z 14'17	
minimum elong	-1750 Mar 05 j 15:29	29° Z 38'42	2°51'17	inferior conj	-1749 Feb 15 j 02:52	11° Z 35'50	3°39'33
	-1750 Mar 05 j 03:41	30° Z		minimum elong	-1749 Feb 15 j 05:35	11° Z 30'07	3°39'10
min. Earth dist.	-1750 Mar 08 j 16:32	27° Z 27'56	0.57355 AU	min. Earth dist.	-1749 Feb 18 j 12:42	8° Z 45'09	0.59316 AU
morning rise	-1750 Mar 13 j 14:24	24° Z 39'08		morning rise	-1749 Feb 22 j 10:24	6° Z 03'35	
desc. node	-1750 Mar 16 j 22:35	23° Z 39'30		direct	-1749 Feb 28 j 19:29	4° Z 14'58	
direct	-1750 Mar 18 j 23:37	23° Z 29'19		desc. node	-1749 Mar 03 j 19:39	4° Z 38'19	
	-1750 Apr 01 j 07:10	0° Z		morning max el	-1749 Mar 15 j 02:23	11° Z 55'37	27°03'13
morning max el	-1750 Apr 02 j 06:49	0° Z 55'35	25°52'56		-1749 Mar 29 j 06:15	0° Z	
	-1750 Apr 22 j 16:07	0° Z		morning set	-1749 Apr 14 j 13:44	29° Z 43'18	
morning set	-1750 Apr 30 j 03:57	14° Z 50'40			-1749 Apr 14 j 16:56	0° Z	
asc. node	-1750 May 03 j 00:57	20° Z 58'46		asc. node	-1749 Apr 19 j 22:01	11° Z 10'19	
superior conj	-1750 May 07 j 03:59	29° Z 58'42	0°42'17	superior conj	-1749 Apr 21 j 15:47	14° Z 58'58	0°18'17
minimum elong	-1750 May 07 j 02:14	29° Z 49'07	0°41'57	minimum elong	-1749 Apr 21 j 14:58	14° Z 54'30	0°18'08
	-1750 May 07 j 04:14	0° Z		max. Earth dist.	-1749 Apr 21 j 09:14	14° Z 23'04	1.32439 AU
max. Earth dist.	-1750 May 07 j 20:14	1° Z 27'27	1.32653 AU	evening rise	-1749 Apr 28 j 14:19	29° Z 59'24	
evening rise	-1750 May 14 j 05:33	15° Z 07'18			-1749 Apr 28 j 14:26	0° Z	
	-1750 May 21 j 20:04	0° Z			-1749 May 15 j 03:17	0° Z	
	-1750 Jun 11 j 01:20	0° Z		evening max el	-1749 May 27 j 08:24	15° Z 08'03	26°11'56
desc. node	-1750 Jun 12 j 21:50	1° Z 58'25		desc. node	-1749 May 30 j 18:50	18° Z 05'37	
evening max el	-1750 Jun 14 j 08:35	3° Z 24'16	27°04'40	retrograde	-1749 Jun 10 j 10:03	22° Z 23'31	
retrograde	-1750 Jun 28 j 07:04	10° Z 43'39		evening set	-1749 Jun 16 j 16:08	20° Z 46'52	
evening set	-1750 Jul 05 j 06:38	8° Z 30'56		min. Earth dist.	-1749 Jun 20 j 21:22	18° Z 07'00	0.59272 AU
min. Earth dist.	-1750 Jul 08 j 22:26	5° Z 47'10	0.61321 AU	inferior conj	-1749 Jun 24 j 05:52	15° Z 32'58	-4°33'49
inferior conj	-1750 Jul 12 j 03:08	2° Z 58'26	-4°22'16	minimum elong	-1749 Jun 24 j 05:46	15° Z 33'10	4°33'47
minimum elong	-1750 Jul 12 j 06:06	2° Z 51'53	4°21'55	morning rise	-1749 Jul 01 j 21:45	11° Z 02'36	
	-1750 Jul 15 j 18:27	30° Z		direct	-1749 Jul 04 j 09:55	10° Z 40'49	
morning rise	-1750 Jul 19 j 07:13	28° Z 06'07		morning max el	-1749 Jul 12 j 04:44	14° Z 24'14	18°26'14
direct	-1750 Jul 21 j 19:31	27° Z 40'08		asc. node	-1749 Jul 16 j 21:17	20° Z 01'23	
	-1750 Jul 27 j 12:42	0° Z			-1749 Jul 22 j 23:16	0° Z	
morning max el	-1750 Jul 28 j 19:39	1° Z 08'44	18°00'44	morning set	-1749 Jul 28 j 07:34	10° Z 01'36	
asc. node	-1750 Jul 30 j 00:12	2° Z 23'02		superior conj	-1749 Aug 06 j 10:22	27° Z 19'31	1°44'51
morning set	-1750 Aug 13 j 19:12	26° Z 19'52		minimum elong	-1749 Aug 06 j 12:19	27° Z 28'30	1°44'48
	-1750 Aug 15 j 19:04	0° Z			-1749 Aug 07 j 21:19	0° Z	
superior conj	-1750 Aug 24 j 02:24	14° Z 57'30	1°30'49	max. Earth dist.	-1749 Aug 13 j 19:37	10° Z 32'52	1.40221 AU
minimum elong	-1750 Aug 24 j 06:42	15° Z 16'22	1°30'29	evening rise	-1749 Aug 18 j 06:36	18° Z 06'38	
max. Earth dist.	-1750 Aug 31 j 14:45	27° Z 46'40	1.42110 AU		-1749 Aug 25 j 15:45	0° Z	
	-1750 Sep 01 j 23:03	0° Z		desc. node	-1749 Aug 26 j 18:14	1° Z 42'52	
evening rise	-1750 Sep 06 j 20:29	7° Z 54'24			-1749 Sep 15 j 20:03	0° Z	
desc. node	-1750 Sep 08 j 21:12	11° Z 06'46		evening max el	-1749 Sep 22 j 00:31	6° Z 58'17	23°32'18
	-1750 Sep 21 j 09:00	0° Z		retrograde	-1749 Oct 02 j 13:41	13° Z 12'07	
evening max el	-1750 Oct 09 j 10:26	23° Z 28'59	22°12'08	evening set	-1749 Oct 07 j 14:46	11° Z 06'03	
retrograde	-1750 Oct 18 j 20:52	29° Z 05'41		inferior conj	-1749 Oct 12 j 23:01	4° Z 45'40	0°02'15
evening set	-1750 Oct 23 j 08:09	27° Z 18'16		minimum elong	-1749 Oct 12 j 22:58	4° Z 45'51	0°02'13
asc. node	-1750 Oct 25 j 23:20	24° Z 35'53		transit middle	-1749 Oct 12 j 22:58	4° Z 45'51	0°02'13
inferior conj	-1750 Oct 28 j 16:12	21° Z 00'39	0°55'19	transit begin	-1749 Oct 12 j 20:17	4° Z 55'02	
minimum elong	-1750 Oct 28 j 14:56	21° Z 04'59	0°54'45	transit end	-1749 Oct 13 j 01:39	4° Z 36'40	
min. Earth dist.	-1750 Oct 28 j 16:39	20° Z 59'05	0.67520 AU	min. Earth dist.	-1749 Oct 12 j 13:13	5° Z 19'10	0.67514 AU
morning rise	-1750 Nov 02 j 21:35	14° Z 47'28		asc. node	-1749 Oct 12 j 20:25	4° Z 54'34	
direct	-1750 Nov 07 j 14:10	12° Z 50'56			-1749 Oct 16 j 18:17	30° Z	
morning max el	-1750 Nov 17 j 05:33	18° Z 34'33	22°31'34	morning rise	-1749 Oct 18 j 07:04	28° Z 36'15	
	-1750 Nov 26 j 17:19	0° Z		direct	-1749 Oct 22 j 09:46	27° Z 01'27	
desc. node	-1750 Dec 05 j 20:32	12° Z 52'50			-1749 Oct 28 j 18:07	0° Z	
	-1750 Dec 17 j 01:18	0° Z		morning max el	-1749 Oct 30 j 21:57	2° Z 00'57	21°09'57

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1749 Nov 20 j 15:25	0°♌		morning max el	-1748 Oct 12 j 21:51	15°♎37'23	19°59'27
desc. node	-1749 Nov 22 j 17:35	3°♌09'10			-1748 Oct 23 j 23:58	0°♏	
morning set	-1749 Nov 30 j 07:23	14°♌50'06		morning set	-1748 Nov 08 j 04:29	22°♏59'44	
max. Earth dist.	-1749 Dec 08 j 05:25	27°♌30'37	1.42459 AU	desc. node	-1748 Nov 08 j 14:37	23°♏38'55	
	-1749 Dec 09 j 17:49	0°♐			-1748 Nov 12 j 16:36	0°♌	
				max. Earth dist.	-1748 Nov 19 j 16:21	11°♌02'04	1.43940 AU
superior conj	-1749 Dec 15 j 09:14	9°♐28'06	-1°54'00				
minimum elong	-1749 Dec 15 j 05:43	9°♐13'05	1°53'53	superior conj	-1748 Nov 24 j 17:56	19°♌11'52	-1°32'32
evening rise	-1749 Dec 26 j 19:37	29°♐36'57		minimum elong	-1748 Nov 24 j 10:37	18°♌42'06	1°31'55
	-1749 Dec 27 j 00:44	0°♑			-1748 Dec 01 j 07:00	0°♐	
asc. node	-1748 Jan 08 j 19:41	21°♑34'30		evening rise	-1748 Dec 08 j 00:08	11°♐23'03	
evening max el	-1748 Jan 12 j 13:54	26°♑05'48	18°08'03		-1748 Dec 19 j 02:10	0°♑	
retrograde	-1748 Jan 19 j 06:12	29°♑32'02		asc. node	-1748 Dec 25 j 16:43	8°♑56'19	
evening set	-1748 Jan 21 j 23:03	28°♑58'25		evening max el	-1748 Dec 26 j 02:24	9°♑21'24	18°14'30
inferior conj	-1748 Jan 28 j 13:37	23°♑58'26	3°55'49	retrograde	-1747 Jan 01 j 14:36	12°♑51'10	
minimum elong	-1748 Jan 28 j 13:50	23°♑57'54	3°55'47	evening set	-1747 Jan 04 j 11:27	12°♑08'15	
min. Earth dist.	-1748 Jan 31 j 15:27	21°♑00'54	0.61384 AU	inferior conj	-1747 Jan 10 j 15:27	6°♑47'50	3°49'26
morning rise	-1748 Feb 04 j 03:17	18°♑10'05		minimum elong	-1747 Jan 10 j 13:46	6°♑52'26	3°49'15
direct	-1748 Feb 11 j 01:38	15°♑46'53		min. Earth dist.	-1747 Jan 13 j 03:23	4°♑05'00	0.63281 AU
desc. node	-1748 Feb 18 j 16:43	18°♑17'54		morning rise	-1747 Jan 16 j 15:22	0°♑48'44	
morning max el	-1748 Feb 25 j 04:03	23°♑33'49	27°40'32		-1747 Jan 17 j 18:19	30°♒♐	
	-1748 Mar 01 j 23:13	0°♒		direct	-1747 Jan 23 j 15:58	28°♐03'42	
	-1748 Mar 21 j 10:37	0°♓			-1747 Jan 30 j 02:08	0°♑	
morning set	-1748 Mar 28 j 19:37	14°♓21'18		desc. node	-1747 Feb 04 j 13:48	4°♑04'51	
max. Earth dist.	-1748 Apr 03 j 20:58	27°♓11'14	1.32583 AU	morning max el	-1747 Feb 06 j 10:58	5°♑51'45	27°41'08
					-1747 Feb 24 j 19:46	0°♒	
superior conj	-1748 Apr 05 j 02:42	29°♓53'03	-0°07'12	morning set	-1747 Mar 12 j 19:16	28°♒37'07	
minimum elong	-1748 Apr 05 j 03:02	29°♓54'50	0°07'07		-1747 Mar 13 j 11:45	0°♓	
behind sun begin	-1748 Apr 04 j 22:28	29°♓29'56		max. Earth dist.	-1747 Mar 18 j 03:30	9°♓38'49	1.33109 AU
behind sun end	-1748 Apr 05 j 07:36	0°♑19'45					
	-1748 Apr 05 j 03:59	0°♑		superior conj	-1747 Mar 20 j 11:02	14°♓35'16	-0°33'16
asc. node	-1748 Apr 05 j 19:04	1°♑22'18		minimum elong	-1747 Mar 20 j 12:35	14°♓43'35	0°32'57
evening rise	-1748 Apr 12 j 01:29	14°♑55'25		asc. node	-1747 Mar 23 j 16:05	21°♓30'54	
	-1748 Apr 19 j 15:30	0°♒		evening rise	-1747 Mar 27 j 13:13	29°♓48'52	
evening max el	-1748 May 08 j 02:06	26°♒10'45	24°52'49		-1747 Mar 27 j 15:20	0°♑	
	-1748 May 12 j 17:40	0°♒			-1747 Apr 13 j 17:45	0°♒	
desc. node	-1748 May 16 j 15:51	2°♒08'52		evening max el	-1747 Apr 19 j 17:12	6°♒49'32	23°19'27
retrograde	-1748 May 22 j 02:07	3°♒16'38		retrograde	-1747 May 03 j 05:34	13°♒32'58	
evening set	-1748 May 27 j 03:05	2°♒18'41		desc. node	-1747 May 03 j 12:54	13°♒32'45	
	-1748 May 31 j 16:31	30°♒♑		evening set	-1747 May 06 j 20:59	13°♒03'52	
min. Earth dist.	-1748 Jun 01 j 13:57	29°♒26'20	0.57328 AU	min. Earth dist.	-1747 May 14 j 03:28	9°♒46'13	0.55829 AU
inferior conj	-1748 Jun 04 j 13:15	27°♒28'11	-4°14'26	inferior conj	-1747 May 16 j 00:42	8°♒39'35	-3°13'28
minimum elong	-1748 Jun 04 j 08:58	27°♒35'21	4°13'49	minimum elong	-1747 May 15 j 18:00	8°♒49'29	3°11'43
morning rise	-1748 Jun 12 j 17:41	23°♒18'16		morning rise	-1747 May 24 j 17:42	4°♒43'14	
direct	-1748 Jun 15 j 06:46	22°♒59'36		direct	-1747 May 27 j 08:40	4°♒26'25	
morning max el	-1748 Jun 24 j 06:11	27°♒10'44	19°12'27	morning max el	-1747 Jun 06 j 21:37	9°♒19'26	20°19'21
	-1748 Jun 26 j 21:48	0°♒		asc. node	-1747 Jun 19 j 15:25	27°♒28'16	
asc. node	-1748 Jul 02 j 18:22	8°♒27'01			-1747 Jun 20 j 23:45	0°♒	
morning set	-1748 Jul 11 j 05:35	24°♒13'34		morning set	-1747 Jun 25 j 10:13	8°♒47'10	
	-1748 Jul 14 j 03:11	0°♑					
superior conj	-1748 Jul 19 j 12:21	10°♑36'43	1°48'06	superior conj	-1747 Jul 03 j 03:15	24°♒34'09	1°42'58
minimum elong	-1748 Jul 19 j 12:08	10°♑35'36	1°48'08	minimum elong	-1747 Jul 03 j 01:33	24°♒25'31	1°42'54
max. Earth dist.	-1748 Jul 25 j 22:21	22°♑41'50	1.38235 AU		-1747 Jul 05 j 20:29	0°♑	
evening rise	-1748 Jul 29 j 18:15	29°♑32'30		max. Earth dist.	-1747 Jul 08 j 04:01	4°♑30'53	1.36392 AU
	-1748 Jul 30 j 00:33	0°♒		evening rise	-1747 Jul 12 j 04:10	12°♑03'54	
desc. node	-1748 Aug 12 j 15:13	22°♒07'45			-1747 Jul 22 j 13:13	0°♒	
	-1748 Aug 17 j 23:53	0°♑		desc. node	-1747 Jul 30 j 12:13	12°♒15'21	
evening max el	-1748 Sep 03 j 12:10	20°♑31'19	24°51'00		-1747 Aug 13 j 02:02	0°♑	
retrograde	-1748 Sep 15 j 02:29	27°♑16'09		evening max el	-1747 Aug 16 j 23:18	4°♑05'37	26°00'42
evening set	-1748 Sep 20 j 18:26	24°♑52'02		retrograde	-1747 Aug 29 j 10:38	11°♑12'22	
min. Earth dist.	-1748 Sep 25 j 08:02	19°♑39'56	0.67199 AU	evening set	-1747 Sep 04 j 17:13	8°♑33'31	
inferior conj	-1748 Sep 26 j 04:23	18°♑32'32	-0°52'22	min. Earth dist.	-1747 Sep 08 j 22:38	3°♑58'24	0.66552 AU
minimum elong	-1748 Sep 26 j 05:39	18°♑28'19	0°51'49	inferior conj	-1747 Sep 10 j 06:28	2°♑18'26	-1°46'54
asc. node	-1748 Sep 28 j 17:30	15°♑19'04		minimum elong	-1747 Sep 10 j 09:04	2°♑10'15	1°45'50
morning rise	-1748 Oct 01 j 16:55	12°♑29'55			-1747 Sep 12 j 03:47	30°♒♒	
direct	-1748 Oct 05 j 07:31	11°♑14'46		asc. node	-1747 Sep 15 j 14:34	26°♒42'48	
				morning rise	-1747 Sep 16 j 01:09	26°♒25'37	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

direct	-1747 Sep 19 j 05:47	25° Ω 27'00			-1746 Sep 21 j 15:41	0° \mathbb{M}	
morning max el	-1747 Sep 26 j 04:53	29° Ω 22'13	19°03'12	morning set	-1746 Sep 29 j 01:09	12° \mathbb{M} 01'53	
	-1747 Sep 26 j 19:21	0° \mathbb{M}			-1746 Oct 10 j 04:39	0° $\underline{\mathbf{A}}$	
	-1747 Oct 17 j 09:16	0° $\underline{\mathbf{A}}$		desc. node	-1746 Oct 13 j 08:37	5° $\underline{\mathbf{A}}$ 01'14	
morning set	-1747 Oct 18 j 13:30	1° $\underline{\mathbf{A}}$ 50'57					
desc. node	-1747 Oct 26 j 11:36	14° $\underline{\mathbf{A}}$ 17'20		superior conj	-1746 Oct 14 j 02:25	6° $\underline{\mathbf{A}}$ 11'34	-0°04'49
max. Earth dist.	-1747 Nov 02 j 08:36	25° $\underline{\mathbf{A}}$ 05'50	1.44784 AU	minimum elong	-1746 Oct 14 j 01:47	6° $\underline{\mathbf{A}}$ 09'02	0°04'44
				behind sun begin	-1746 Oct 13 j 14:58	5° $\underline{\mathbf{A}}$ 26'22	
superior conj	-1747 Nov 04 j 02:16	27° $\underline{\mathbf{A}}$ 50'14	-0°53'47	behind sun end	-1746 Oct 14 j 12:35	6° $\underline{\mathbf{A}}$ 51'42	
minimum elong	-1747 Nov 03 j 19:43	27° $\underline{\mathbf{A}}$ 24'23	0°53'00	max. Earth dist.	-1746 Oct 16 j 02:51	9° $\underline{\mathbf{A}}$ 22'32	1.44905 AU
	-1747 Nov 05 j 11:05	0° \mathbb{M}			-1746 Oct 29 j 06:19	0° \mathbb{M}	
evening rise	-1747 Nov 19 j 06:26	22° \mathbb{M} 11'00		evening rise	-1746 Oct 30 j 12:30	1° \mathbb{M} 58'22	
	-1747 Nov 24 j 01:17	0° \mathbb{M}		greatest brilliancy	-1746 Nov 10 j 03:29	18° \mathbb{M} 34'08	-0.8m
evening max el	-1747 Dec 09 j 14:13	22° \mathbb{M} 44'05	18°39'25		-1746 Nov 17 j 21:42	0° \mathbb{M}	
asc. node	-1747 Dec 12 j 13:45	25° \mathbb{M} 14'52		evening max el	-1746 Nov 22 j 23:03	6° \mathbb{M} 10'16	19°21'25
retrograde	-1747 Dec 16 j 06:32	26° \mathbb{M} 28'13		asc. node	-1746 Nov 29 j 10:48	10° \mathbb{M} 15'05	
evening set	-1747 Dec 19 j 08:24	25° \mathbb{M} 34'47		retrograde	-1746 Nov 30 j 02:33	10° \mathbb{M} 17'31	
inferior conj	-1747 Dec 25 j 04:32	19° \mathbb{M} 56'24	3°27'08	evening set	-1746 Dec 03 j 11:05	9° \mathbb{M} 11'49	
minimum elong	-1747 Dec 25 j 01:49	20° \mathbb{M} 04'31	3°26'35	inferior conj	-1746 Dec 09 j 01:35	3° \mathbb{M} 18'23	2°53'35
min. Earth dist.	-1747 Dec 27 j 01:20	17° \mathbb{M} 42'18	0.64853 AU	minimum elong	-1746 Dec 08 j 22:38	3° \mathbb{M} 27'52	2°52'43
morning rise	-1747 Dec 30 j 18:51	13° \mathbb{M} 49'57		min. Earth dist.	-1746 Dec 10 j 08:11	1° \mathbb{M} 40'05	0.66058 AU
direct	-1746 Jan 06 j 13:15	10° \mathbb{M} 57'55			-1746 Dec 11 j 16:29	30° \mathbb{M}	
morning max el	-1746 Jan 19 j 20:31	18° \mathbb{M} 40'03	27°07'40	morning rise	-1746 Dec 14 j 09:56	27° \mathbb{M} 07'08	
desc. node	-1746 Jan 22 j 10:51	21° \mathbb{M} 24'00		direct	-1746 Dec 20 j 16:52	24° \mathbb{M} 21'13	
	-1746 Jan 29 j 11:49	0° \mathbb{M}			-1746 Dec 31 j 10:08	0° \mathbb{M}	
	-1746 Feb 17 j 18:06	0° \approx		morning max el	-1745 Jan 02 j 06:01	1° \mathbb{M} 45'25	26°06'53
morning set	-1746 Feb 24 j 09:44	12° \approx 21'23		desc. node	-1745 Jan 09 j 07:53	9° \mathbb{M} 48'13	
max. Earth dist.	-1746 Mar 01 j 01:00	21° \approx 34'52	1.34050 AU		-1745 Jan 23 j 14:24	0° \mathbb{M}	
				morning set	-1745 Feb 07 j 10:51	25° \mathbb{M} 20'43	
superior conj	-1746 Mar 04 j 14:50	28° \approx 59'32	-0°58'50		-1745 Feb 09 j 22:08	0° \approx	
minimum elong	-1746 Mar 04 j 17:30	29° \approx 13'31	0°58'23	max. Earth dist.	-1745 Feb 11 j 10:32	2° \approx 55'15	1.35444 AU
	-1746 Mar 05 j 02:21	0° \mathbb{M}					
asc. node	-1746 Mar 10 j 13:06	11° \mathbb{M} 32'08		superior conj	-1745 Feb 16 j 11:40	12° \approx 57'43	-1°22'32
evening rise	-1746 Mar 11 j 23:43	14° \mathbb{M} 33'40		minimum elong	-1745 Feb 16 j 15:05	13° \approx 15'06	1°22'04
	-1746 Mar 19 j 20:59	0° \mathbb{M}		evening rise	-1745 Feb 24 j 07:01	29° \approx 02'34	
evening max el	-1746 Apr 01 j 12:31	17° \mathbb{M} 34'18	21°46'32		-1745 Feb 24 j 18:15	0° \mathbb{M}	
retrograde	-1746 Apr 13 j 22:24	23° \mathbb{M} 36'33		asc. node	-1745 Feb 25 j 10:07	1° \mathbb{M} 20'45	
evening set	-1746 Apr 16 j 12:32	23° \mathbb{M} 21'30		evening max el	-1745 Mar 14 j 17:26	28° \mathbb{M} 47'56	20°25'09
desc. node	-1746 Apr 20 j 09:56	22° \mathbb{M} 08'05			-1745 Mar 16 j 01:31	0° \mathbb{M}	
inferior conj	-1746 Apr 25 j 22:03	19° \mathbb{M} 17'48	-1°32'16	retrograde	-1745 Mar 25 j 12:13	3° \mathbb{M} 57'12	
minimum elong	-1746 Apr 25 j 17:49	19° \mathbb{M} 23'45	1°30'49	evening set	-1745 Mar 27 j 16:56	3° \mathbb{M} 45'16	
min. Earth dist.	-1746 Apr 25 j 16:49	19° \mathbb{M} 25'09	0.55095 AU		-1745 Apr 05 j 09:17	30° \mathbb{M}	
morning rise	-1746 May 05 j 00:04	15° \mathbb{M} 19'36		inferior conj	-1745 Apr 05 j 17:53	29° \mathbb{M} 47'25	0°26'06
direct	-1746 May 07 j 21:17	15° \mathbb{M} 01'13		minimum elong	-1745 Apr 05 j 19:04	29° \mathbb{M} 45'41	0°25'42
morning max el	-1746 May 20 j 02:15	20° \mathbb{M} 46'46	21°44'44	desc. node	-1745 Apr 07 j 06:59	28° \mathbb{M} 53'04	
	-1746 May 27 j 18:45	0° \mathbb{M}		min. Earth dist.	-1745 Apr 07 j 06:54	28° \mathbb{M} 53'13	0.55309 AU
asc. node	-1746 Jun 06 j 12:27	16° \mathbb{M} 56'24		morning rise	-1745 Apr 14 j 19:39	25° \mathbb{M} 28'30	
morning set	-1746 Jun 09 j 19:11	23° \mathbb{M} 36'04		direct	-1745 Apr 18 j 09:53	25° \mathbb{M} 00'21	
	-1746 Jun 12 j 20:29	0° \mathbb{M}			-1745 Apr 30 j 02:04	0° \mathbb{M}	
				morning max el	-1745 May 01 j 21:34	1° \mathbb{M} 36'40	23°22'29
superior conj	-1746 Jun 17 j 03:12	9° \mathbb{M} 00'30	1°31'29		-1745 May 21 j 01:36	0° \mathbb{M}	
minimum elong	-1746 Jun 17 j 00:45	8° \mathbb{M} 47'43	1°31'15	asc. node	-1745 May 24 j 09:29	6° \mathbb{M} 43'30	
max. Earth dist.	-1746 Jun 20 j 17:40	16° \mathbb{M} 25'54	1.34862 AU	morning set	-1745 May 25 j 06:33	8° \mathbb{M} 33'20	
evening rise	-1746 Jun 25 j 07:24	25° \mathbb{M} 28'01					
	-1746 Jun 27 j 16:53	0° \mathbb{M}		superior conj	-1745 Jun 01 j 09:09	23° \mathbb{M} 45'17	1°15'08
	-1746 Jul 15 j 23:37	0° Ω		minimum elong	-1745 Jun 01 j 06:36	23° \mathbb{M} 31'37	1°14'47
desc. node	-1746 Jul 17 j 09:14	1° Ω 58'01		max. Earth dist.	-1745 Jun 03 j 17:03	28° \mathbb{M} 42'31	1.33713 AU
evening max el	-1746 Jul 30 j 10:50	17° Ω 35'49	26°53'29		-1745 Jun 04 j 07:47	0° \mathbb{M}	
retrograde	-1746 Aug 12 j 13:50	24° Ω 54'21		evening rise	-1745 Jun 08 j 23:09	9° \mathbb{M} 30'19	
evening set	-1746 Aug 19 j 08:51	22° Ω 07'39			-1745 Jun 20 j 02:35	0° \mathbb{M}	
min. Earth dist.	-1746 Aug 23 j 06:49	18° Ω 10'14	0.65546 AU	desc. node	-1745 Jul 04 j 06:16	21° \mathbb{M} 04'27	
inferior conj	-1746 Aug 25 j 03:16	16° Ω 00'25	-2°39'20		-1745 Jul 12 j 00:57	0° Ω	
minimum elong	-1746 Aug 25 j 06:59	15° Ω 49'31	2°38'02	evening max el	-1745 Jul 12 j 22:02	0° Ω 51'28	27°22'06
morning rise	-1746 Aug 31 j 05:38	10° Ω 20'26		retrograde	-1745 Jul 26 j 11:26	8° Ω 13'10	
asc. node	-1746 Sep 02 j 11:38	9° Ω 36'57		evening set	-1745 Aug 02 j 14:27	5° Ω 29'17	
direct	-1746 Sep 03 j 02:40	9° Ω 34'46		min. Earth dist.	-1745 Aug 06 j 06:31	2° Ω 07'10	0.64165 AU
morning max el	-1746 Sep 09 j 17:11	13° Ω 11'47	18°22'57		-1745 Aug 08 j 06:24	30° \mathbb{M}	

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Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

inferior conj	-1745 Aug 08 j 16:23	29° ☿ 33'17	-3°27'03	morning rise	-1744 Jul 28 j 16:33	7° ☿ 45'24	
minimum elong	-1745 Aug 08 j 20:42	29° ☿ 21'46	3°25'52	direct	-1744 Jul 31 j 05:39	7° ☿ 16'13	
morning rise	-1745 Aug 15 j 03:47	24° ☿ 09'14		asc. node	-1744 Aug 06 j 05:46	10° ☿ 00'50	
direct	-1745 Aug 17 j 19:39	23° ☿ 33'12		morning max el	-1744 Aug 06 j 23:10	10° ☿ 41'35	17°55'00
asc. node	-1745 Aug 20 j 08:41	24° ☿ 06'17			-1744 Aug 19 j 19:23	0° Ω	
morning max el	-1745 Aug 24 j 08:12	27° ☿ 00'17	17°59'56	morning set	-1744 Aug 23 j 05:00	6° Ω 04'38	
	-1745 Aug 26 j 23:02	0° Ω					
morning set	-1745 Sep 10 j 16:06	23° Ω 31'51		superior conj	-1744 Sep 03 j 09:01	25° Ω 41'24	1°16'55
	-1745 Sep 14 j 11:22	0° ♄		minimum elong	-1744 Sep 03 j 14:14	26° Ω 03'35	1°16'23
					-1744 Sep 05 j 22:16	0° ♄	
superior conj	-1745 Sep 23 j 16:32	15° ♄ 17'26	0°41'48	max. Earth dist.	-1744 Sep 10 j 10:08	7° ♄ 25'18	1.43056 AU
minimum elong	-1745 Sep 23 j 20:57	15° ♄ 35'22	0°41'14	desc. node	-1744 Sep 16 j 02:41	16° ♄ 32'22	
max. Earth dist.	-1745 Sep 28 j 20:11	23° ♄ 34'35	1.44300 AU	evening rise	-1744 Sep 18 j 05:36	19° ♄ 52'08	
desc. node	-1745 Sep 30 j 05:39	25° ♄ 47'28			-1744 Sep 24 j 19:49	0° ♁	
	-1745 Oct 02 j 21:42	0° ♁			-1744 Oct 16 j 06:01	0° ♁	
evening rise	-1745 Oct 09 j 23:13	10° ♁ 59'15		evening max el	-1744 Oct 19 j 01:21	3° ♁ 05'25	21°28'09
	-1745 Oct 22 j 11:27	0° ♁		retrograde	-1744 Oct 27 j 20:47	8° ♁ 19'17	
evening max el	-1745 Nov 06 j 03:08	19° ♁ 37'58	20°18'36	evening set	-1744 Nov 01 j 01:01	6° ♁ 42'10	
retrograde	-1745 Nov 13 j 23:59	24° ♁ 15'44		asc. node	-1744 Nov 02 j 04:55	5° ♁ 40'17	
asc. node	-1745 Nov 16 j 07:51	23° ♁ 44'34		inferior conj	-1744 Nov 06 j 09:37	0° ♁ 28'08	1°24'32
evening set	-1745 Nov 17 j 17:17	22° ♁ 55'27		minimum elong	-1744 Nov 06 j 07:46	0° ♁ 34'29	1°23'46
inferior conj	-1745 Nov 23 j 04:01	16° ♁ 50'06	2°11'58	min. Earth dist.	-1744 Nov 06 j 16:07	0° ♁ 05'43	0.67389 AU
minimum elong	-1745 Nov 23 j 01:25	16° ♁ 58'53	2°11'01		-1744 Nov 06 j 17:47	30° ♁	
min. Earth dist.	-1745 Nov 23 j 21:54	15° ♁ 49'56	0.66897 AU	morning rise	-1744 Nov 11 j 14:22	24° ♁ 14'17	
morning rise	-1745 Nov 28 j 09:20	10° ♁ 36'24		direct	-1744 Nov 16 j 15:39	22° ♁ 04'55	
direct	-1745 Dec 04 j 01:55	8° ♁ 06'05		morning max el	-1744 Nov 26 j 23:33	28° ♁ 14'02	23°21'27
morning max el	-1745 Dec 15 j 14:29	14° ♁ 57'57	24°48'09		-1744 Nov 28 j 15:52	0° ♁	
desc. node	-1745 Dec 27 j 04:55	28° ♁ 58'42		desc. node	-1744 Dec 13 j 01:59	18° ♁ 41'34	
	-1745 Dec 27 j 22:54	0° ♂			-1744 Dec 20 j 16:49	0° ♂	
	-1744 Jan 16 j 11:42	0° ♂		morning set	-1744 Dec 31 j 22:43	18° ♂ 02'05	
morning set	-1744 Jan 20 j 17:17	7° ♂ 19'57		max. Earth dist.	-1743 Jan 05 j 04:58	25° ♂ 19'17	1.39336 AU
max. Earth dist.	-1744 Jan 24 j 09:33	13° ♂ 57'52	1.37261 AU		-1743 Jan 07 j 20:40	0° ♂	
superior conj	-1744 Jan 30 j 22:28	26° ♂ 21'28	-1°42'21	superior conj	-1743 Jan 12 j 19:05	8° ♂ 59'12	-1°55'35
minimum elong	-1744 Jan 31 j 01:53	26° ♂ 38'07	1°42'03	minimum elong	-1743 Jan 12 j 21:11	9° ♂ 08'55	1°55'31
	-1744 Feb 01 j 18:59	0° ♉		evening rise	-1743 Jan 22 j 02:55	26° ♂ 47'04	
evening rise	-1744 Feb 08 j 08:59	13° ♉ 09'29			-1743 Jan 23 j 19:02	0° ♉	
asc. node	-1744 Feb 12 j 07:10	20° ♉ 51'37		asc. node	-1743 Jan 29 j 04:12	9° ♉ 57'57	
	-1744 Feb 17 j 09:05	0° ♊		evening max el	-1743 Feb 07 j 10:37	23° ♉ 03'12	18°37'01
evening max el	-1744 Feb 25 j 09:21	10° ♊ 38'50	19°21'14	retrograde	-1743 Feb 15 j 05:38	26° ♉ 50'56	
retrograde	-1744 Mar 05 j 11:49	14° ♊ 59'54		evening set	-1743 Feb 17 j 16:12	26° ♉ 29'57	
evening set	-1744 Mar 07 j 18:04	14° ♊ 45'01		inferior conj	-1743 Feb 25 j 05:51	22° ♉ 03'12	3°16'39
inferior conj	-1744 Mar 16 j 01:56	10° ♊ 37'07	2°08'40	minimum elong	-1743 Feb 25 j 09:50	21° ♉ 55'31	3°15'52
minimum elong	-1744 Mar 16 j 06:24	10° ♊ 29'44	2°07'21	min. Earth dist.	-1743 Feb 28 j 15:01	19° ♉ 28'08	0.58165 AU
min. Earth dist.	-1744 Mar 18 j 21:50	8° ♊ 45'36	0.56420 AU	morning rise	-1743 Mar 05 j 00:54	16° ♉ 44'12	
desc. node	-1744 Mar 24 j 04:02	5° ♊ 58'20		direct	-1743 Mar 10 j 21:24	15° ♉ 18'21	
morning rise	-1744 Mar 24 j 15:57	5° ♊ 47'19		desc. node	-1743 Mar 11 j 01:05	15° ♉ 18'25	
direct	-1744 Mar 29 j 09:08	4° ♊ 56'22		morning max el	-1743 Mar 25 j 04:55	22° ♉ 51'00	26°26'22
morning max el	-1744 Apr 12 j 12:21	12° ♊ 08'31	25°01'19		-1743 Mar 31 j 13:49	0° ♊	
	-1744 Apr 26 j 05:49	0° ♋			-1743 Apr 19 j 01:17	0° ♋	
morning set	-1744 May 08 j 18:37	23° ♋ 33'31		morning set	-1743 Apr 23 j 05:46	8° ♋ 30'53	
asc. node	-1744 May 10 j 06:31	26° ♋ 43'55		asc. node	-1743 Apr 27 j 03:35	16° ♋ 52'42	
	-1744 May 11 j 19:00	0° ♌					
				superior conj	-1743 Apr 30 j 06:20	23° ♋ 41'20	0°32'20
superior conj	-1744 May 15 j 18:49	8° ♌ 41'03	0°55'06	minimum elong	-1743 Apr 30 j 04:56	23° ♋ 33'45	0°32'03
minimum elong	-1744 May 15 j 16:40	8° ♌ 29'19	0°54'44	max. Earth dist.	-1743 Apr 30 j 12:49	24° ♋ 16'55	1.32524 AU
max. Earth dist.	-1744 May 17 j 00:32	11° ♌ 22'24	1.32942 AU		-1743 May 03 j 03:39	0° ♌	
evening rise	-1744 May 22 j 23:44	23° ♌ 59'20		evening rise	-1743 May 07 j 06:12	8° ♌ 45'27	
	-1744 May 25 j 23:41	0° ♍			-1743 May 18 j 09:26	0° ♍	
	-1744 Jun 12 j 19:23	0° ☊		evening max el	-1743 Jun 06 j 10:25	25° ♍ 49'14	26°46'00
desc. node	-1744 Jun 20 j 03:17	9° ☊ 19'29		desc. node	-1743 Jun 07 j 00:18	26° ♍ 21'49	
evening max el	-1744 Jun 24 j 06:48	13° ☊ 39'53	27°20'32		-1743 Jun 11 j 13:32	0° ☊	
retrograde	-1744 Jul 08 j 02:33	20° ☊ 59'48		retrograde	-1743 Jun 20 j 10:09	3° ☊ 06'26	
evening set	-1744 Jul 15 j 06:16	18° ☊ 32'00		evening set	-1743 Jun 27 j 04:03	1° ☊ 08'00	
min. Earth dist.	-1744 Jul 18 j 20:14	15° ☊ 37'48	0.62439 AU		-1743 Jun 28 j 22:49	30° ♁	
inferior conj	-1744 Jul 21 j 18:54	12° ☊ 50'19	-4°06'06	min. Earth dist.	-1743 Jun 30 j 23:52	28° ♍ 28'15	0.60456 AU
minimum elong	-1744 Jul 21 j 22:48	12° ☊ 41'03	4°05'24	inferior conj	-1743 Jul 04 j 07:24	25° ♍ 43'23	-4°30'15

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1743 Jul 04 j 09:17	25° Π 39'28	4°30'05	min. Earth dist.	-1742 Jun 12 j 19:25	10° Π 23'18	0.58411 AU
morning rise	-1743 Jul 11 j 16:22	21° Π 00'16		inferior conj	-1742 Jun 16 j 02:10	8° Π 01'51	-4°30'06
direct	-1743 Jul 14 j 04:36	20° Π 36'04		minimum elong	-1742 Jun 16 j 00:19	8° Π 05'12	4°29'58
morning max el	-1743 Jul 21 j 11:17	24° Π 09'14	18°09'10	morning rise	-1742 Jun 23 j 23:22	3° Π 41'03	
asc. node	-1743 Jul 24 j 02:51	27° Π 05'54		direct	-1742 Jun 26 j 11:54	3° Π 20'44	
	-1743 Jul 26 j 06:10	0° \mathfrak{C}		morning max el	-1742 Jul 04 j 17:32	7° Π 13'49	18°43'25
morning set	-1743 Aug 06 j 10:12	19° \mathfrak{C} 25'08		asc. node	-1742 Jul 10 j 23:55	15° Π 05'45	
	-1743 Aug 12 j 02:19	0° Ω			-1742 Jul 19 j 09:38	0° \mathfrak{C}	
				morning set	-1742 Jul 21 j 03:03	3° \mathfrak{C} 20'34	
superior conj	-1743 Aug 16 j 04:06	7° Ω 24'57	1°38'16	superior conj	-1742 Jul 29 j 20:26	20° \mathfrak{C} 12'33	1°47'25
minimum elong	-1743 Aug 16 j 07:27	7° Ω 39'57	1°38'04	minimum elong	-1742 Jul 29 j 21:24	20° \mathfrak{C} 17'03	1°47'24
max. Earth dist.	-1743 Aug 23 j 18:42	20° Ω 39'20	1.41333 AU		-1742 Aug 04 j 03:53	0° Ω	
evening rise	-1743 Aug 29 j 02:11	29° Ω 25'54		max. Earth dist.	-1742 Aug 05 j 21:56	3° Ω 07'30	1.39367 AU
	-1743 Aug 29 j 10:37	0° \mathfrak{M}		evening rise	-1742 Aug 09 j 23:10	10° Ω 08'51	
desc. node	-1743 Sep 02 j 23:42	7° \mathfrak{M} 12'56		desc. node	-1742 Aug 20 j 20:42	27° Ω 44'38	
	-1743 Sep 18 j 09:41	0° $\underline{\mathfrak{A}}$			-1742 Aug 22 j 08:15	0° \mathfrak{M}	
evening max el	-1743 Oct 01 j 17:54	16° $\underline{\mathfrak{A}}$ 33'16	22°45'55		-1742 Sep 14 j 05:14	0° $\underline{\mathfrak{A}}$	
retrograde	-1743 Oct 11 j 15:26	22° $\underline{\mathfrak{A}}$ 25'52		evening max el	-1742 Sep 14 j 06:25	0° $\underline{\mathfrak{A}}$ 02'58	24°06'21
evening set	-1743 Oct 16 j 08:33	20° $\underline{\mathfrak{A}}$ 30'17		retrograde	-1742 Sep 25 j 06:46	6° $\underline{\mathfrak{A}}$ 31'38	
asc. node	-1743 Oct 20 j 01:59	16° $\underline{\mathfrak{A}}$ 22'10		evening set	-1742 Sep 30 j 14:07	4° $\underline{\mathfrak{A}}$ 17'27	
inferior conj	-1743 Oct 21 j 16:29	14° $\underline{\mathfrak{A}}$ 11'03	0°33'04		-1742 Oct 04 j 10:10	30° \mathfrak{R} \mathfrak{M}	
minimum elong	-1743 Oct 21 j 15:43	14° $\underline{\mathfrak{A}}$ 13'42	0°32'44	inferior conj	-1742 Oct 05 j 22:53	27° \mathfrak{M} 56'44	-0°20'51
min. Earth dist.	-1743 Oct 21 j 12:29	14° $\underline{\mathfrak{A}}$ 24'51	0.67558 AU	minimum elong	-1742 Oct 05 j 23:23	27° \mathfrak{M} 55'02	0°20'38
morning rise	-1743 Oct 26 j 22:48	7° $\underline{\mathfrak{A}}$ 59'24		min. Earth dist.	-1742 Oct 05 j 08:35	28° \mathfrak{M} 45'06	0.67415 AU
direct	-1743 Oct 31 j 09:16	6° $\underline{\mathfrak{A}}$ 12'25		asc. node	-1742 Oct 06 j 23:03	26° \mathfrak{M} 35'35	
morning max el	-1743 Nov 09 j 12:34	11° $\underline{\mathfrak{A}}$ 36'19	21°55'52	morning rise	-1742 Oct 11 j 08:38	21° \mathfrak{M} 49'56	
	-1743 Nov 23 j 22:36	0° \mathfrak{M}		direct	-1742 Oct 15 j 05:49	20° \mathfrak{M} 24'03	
desc. node	-1743 Nov 29 j 23:03	8° \mathfrak{M} 47'42		morning max el	-1742 Oct 23 j 08:09	25° \mathfrak{M} 07'08	20°38'25
morning set	-1743 Dec 11 j 23:09	27° \mathfrak{M} 20'24			-1742 Oct 27 j 14:30	0° $\underline{\mathfrak{A}}$	
	-1743 Dec 13 j 14:50	0° \mathfrak{X}		desc. node	-1742 Nov 16 j 20:06	29° $\underline{\mathfrak{A}}$ 10'13	
max. Earth dist.	-1743 Dec 18 j 04:08	7° \mathfrak{X} 28'43	1.41395 AU		-1742 Nov 17 j 09:05	0° \mathfrak{M}	
superior conj	-1743 Dec 25 j 20:21	20° \mathfrak{X} 38'02	-1°58'34	morning set	-1742 Nov 21 j 00:34	5° \mathfrak{M} 37'41	
minimum elong	-1743 Dec 25 j 19:19	20° \mathfrak{X} 33'30	1°58'36	max. Earth dist.	-1742 Nov 30 j 10:17	20° \mathfrak{M} 31'01	1.43148 AU
	-1743 Dec 31 j 01:45	0° \mathfrak{Z}			-1742 Dec 06 j 05:06	0° \mathfrak{X}	
evening rise	-1742 Jan 05 j 09:35	9° \mathfrak{Z} 48'07		superior conj	-1742 Dec 06 j 20:47	1° \mathfrak{X} 05'24	-1°47'06
asc. node	-1742 Jan 16 j 01:15	28° \mathfrak{Z} 32'02		minimum elong	-1742 Dec 06 j 15:24	0° \mathfrak{X} 42'54	1°46'47
	-1742 Jan 17 j 00:37	0° \approx		evening rise	-1742 Dec 19 j 00:56	22° \mathfrak{X} 04'09	
evening max el	-1742 Jan 21 j 18:31	5° \approx 53'44	18°12'53		-1742 Dec 23 j 13:00	0° \mathfrak{Z}	
retrograde	-1742 Jan 28 j 17:39	9° \approx 24'02		asc. node	-1741 Jan 02 j 22:17	16° \mathfrak{Z} 24'03	
evening set	-1742 Jan 31 j 08:11	8° \approx 55'25		evening max el	-1741 Jan 05 j 06:11	19° \mathfrak{Z} 02'41	18°08'29
inferior conj	-1742 Feb 07 j 06:13	4° \approx 07'27	3°49'42	retrograde	-1741 Jan 11 j 19:51	22° \mathfrak{Z} 29'18	
minimum elong	-1742 Feb 07 j 07:51	4° \approx 03'48	3°49'34	evening set	-1741 Jan 14 j 14:12	21° \mathfrak{Z} 52'01	
min. Earth dist.	-1742 Feb 10 j 13:34	1° \approx 11'00	0.60202 AU	inferior conj	-1741 Jan 20 j 23:56	16° \mathfrak{Z} 43'17	3°55'26
	-1742 Feb 12 j 00:27	30° \mathfrak{R} \mathfrak{Z}		minimum elong	-1741 Jan 20 j 23:14	16° \mathfrak{Z} 45'03	3°55'23
morning rise	-1742 Feb 14 j 05:41	28° \mathfrak{Z} 27'14		min. Earth dist.	-1741 Jan 23 j 20:20	13° \mathfrak{Z} 49'26	0.62216 AU
direct	-1742 Feb 20 j 21:35	26° \mathfrak{Z} 23'06		morning rise	-1741 Jan 27 j 07:11	10° \mathfrak{Z} 49'33	
desc. node	-1742 Feb 25 j 22:10	27° \mathfrak{Z} 28'35		direct	-1741 Feb 03 j 07:36	8° \mathfrak{Z} 15'03	
	-1742 Mar 02 j 07:31	0° \approx		desc. node	-1741 Feb 12 j 19:14	12° \mathfrak{Z} 07'19	
morning max el	-1742 Mar 07 j 03:16	4° \approx 07'04	27°23'36	morning max el	-1741 Feb 17 j 07:37	16° \mathfrak{Z} 04'09	27°45'14
	-1742 Mar 26 j 05:10	0° \mathfrak{H}			-1741 Feb 28 j 19:17	0° \approx	
morning set	-1742 Apr 07 j 14:09	23° \mathfrak{H} 18'22			-1741 Mar 18 j 18:57	0° \mathfrak{H}	
	-1742 Apr 10 j 18:16	0° \mathfrak{Y}		morning set	-1741 Mar 22 j 17:44	7° \mathfrak{H} 48'54	
max. Earth dist.	-1742 Apr 14 j 01:52	7° \mathfrak{Y} 11'41	1.32455 AU	max. Earth dist.	-1741 Mar 28 j 11:50	19° \mathfrak{H} 53'05	1.32754 AU
asc. node	-1742 Apr 14 j 00:37	7° \mathfrak{Y} 04'50					
superior conj	-1742 Apr 14 j 17:56	8° \mathfrak{Y} 39'34	0°07'37	superior conj	-1741 Mar 30 j 04:00	23° \mathfrak{H} 30'05	-0°18'13
minimum elong	-1742 Apr 14 j 17:35	8° \mathfrak{Y} 37'40	0°07'33	minimum elong	-1741 Mar 30 j 04:51	23° \mathfrak{H} 34'40	0°18'03
behind sun begin	-1742 Apr 14 j 13:09	8° \mathfrak{Y} 13'21		asc. node	-1741 Mar 31 j 21:39	27° \mathfrak{H} 16'23	
behind sun end	-1742 Apr 14 j 22:01	9° \mathfrak{Y} 02'00			-1741 Apr 02 j 03:45	0° \mathfrak{Y}	
evening rise	-1742 Apr 21 j 16:13	23° \mathfrak{Y} 39'56		evening rise	-1741 Apr 06 j 03:51	8° \mathfrak{Y} 36'06	
	-1742 Apr 24 j 17:54	0° \mathfrak{B}			-1741 Apr 17 j 08:23	0° \mathfrak{B}	
	-1742 May 12 j 20:19	0° Π		evening max el	-1741 Apr 30 j 23:00	18° \mathfrak{B} 03'08	24°13'57
evening max el	-1742 May 19 j 07:12	7° Π 13'34	25°40'50	desc. node	-1741 May 11 j 18:20	24° \mathfrak{B} 40'39	
desc. node	-1742 May 24 j 21:20	11° Π 41'00		retrograde	-1741 May 14 j 20:08	25° \mathfrak{B} 02'19	
retrograde	-1742 Jun 02 j 08:47	14° Π 26'30		evening set	-1741 May 19 j 06:25	24° \mathfrak{B} 18'29	
evening set	-1742 Jun 08 j 03:55	13° Π 06'23		min. Earth dist.	-1741 May 25 j 10:33	21° \mathfrak{B} 16'30	0.56614 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

inferior conj	-1741 May 28 j 00:52	19° 8 38'37	-3°54'01	inferior conj	-1740 May 07 j 05:11	0° 8 34'02	-2°34'39
minimum elong	-1741 May 27 j 19:06	19° 8 47'43	3°52'54	minimum elong	-1740 May 06 j 22:54	0° 8 43'02	2°32'44
morning rise	-1741 Jun 05 j 10:48	15° 8 35'49			-1740 May 08 j 05:05	30° 8 °	
direct	-1741 Jun 08 j 00:13	15° 8 18'19		morning rise	-1740 May 16 j 02:43	26° 8 °38'40	
morning max el	-1741 Jun 17 j 15:05	19° 8 45'53	19°38'24	direct	-1740 May 18 j 19:27	26° 8 °21'45	
	-1741 Jun 25 j 14:40	0° 8 °			-1740 May 28 j 04:24	0° 8 °	
asc. node	-1741 Jun 27 j 20:58	3° 8 °47'47		morning max el	-1740 May 30 j 01:49	1° 8 °36'52	20°53'33
morning set	-1741 Jul 05 j 04:10	17° 8 °42'19		asc. node	-1740 Jun 13 j 18:00	23° 8 °01'28	
	-1741 Jul 11 j 06:31	0° 8 °			-1740 Jun 17 j 06:51	0° 8 °	
				morning set	-1740 Jun 18 j 10:54	2° 8 °23'10	
superior conj	-1741 Jul 13 j 04:28	3° 8 °48'30	1°46'48	superior conj	-1740 Jun 25 j 23:37	17° 8 °59'20	1°38'45
minimum elong	-1741 Jul 13 j 03:31	3° 8 °43'48	1°46'49	minimum elong	-1740 Jun 25 j 21:31	17° 8 °48'31	1°38'38
max. Earth dist.	-1741 Jul 19 j 00:37	15° 8 °02'28	1.37421 AU	max. Earth dist.	-1740 Jun 30 j 09:18	26° 8 °51'30	1.35704 AU
evening rise	-1741 Jul 22 j 20:53	22° 8 °04'11			-1740 Jul 01 j 23:53	0° 8 °	
	-1741 Jul 27 j 10:03	0° 8 °		evening rise	-1740 Jul 04 j 14:51	5° 8 °00'11	
desc. node	-1741 Aug 07 j 17:41	18° 8 °02'39			-1740 Jul 19 j 05:44	0° 8 °	
	-1741 Aug 16 j 04:30	0° 8 °		desc. node	-1740 Jul 24 j 14:40	8° 8 °00'42	
evening max el	-1741 Aug 27 j 17:34	13° 8 °36'27	25°22'17	evening max el	-1740 Aug 09 j 05:06	27° 8 °10'59	26°25'47
retrograde	-1741 Sep 08 j 17:47	20° 8 °32'32			-1740 Aug 12 j 08:44	0° 8 °	
evening set	-1741 Sep 14 j 15:57	18° 8 °01'39		retrograde	-1740 Aug 21 j 23:51	4° 8 °23'30	
min. Earth dist.	-1741 Sep 19 j 02:00	13° 8 °04'50	0.66959 AU	evening set	-1740 Aug 28 j 11:59	1° 8 °40'38	
inferior conj	-1741 Sep 20 j 03:04	11° 8 °43'22	-1°15'39		-1740 Aug 30 j 06:26	30° 8 °	
minimum elong	-1741 Sep 20 j 04:55	11° 8 °37'21	1°14'52	min. Earth dist.	-1740 Sep 01 j 14:16	27° 8 °21'19	0.66166 AU
asc. node	-1741 Sep 23 j 20:08	7° 8 °19'18		inferior conj	-1740 Sep 03 j 03:12	25° 8 °28'31	-2°09'32
morning rise	-1741 Sep 25 j 18:00	5° 8 °44'18		minimum elong	-1740 Sep 03 j 06:19	25° 8 °18'59	2°08'20
direct	-1741 Sep 29 j 04:01	4° 8 °36'40		morning rise	-1740 Sep 09 j 00:56	19° 8 °40'30	
morning max el	-1741 Oct 06 j 11:10	8° 8 °46'56	19°33'34	asc. node	-1740 Sep 09 j 17:12	19° 8 °19'41	
	-1741 Oct 21 j 22:48	0° 8 °		direct	-1740 Sep 12 j 02:06	18° 8 °47'41	
morning set	-1741 Oct 30 j 23:47	13° 8 °56'20		morning max el	-1740 Sep 18 j 20:39	22° 8 °43'06	18°44'01
desc. node	-1741 Nov 03 j 17:06	19° 8 °43'46			-1740 Sep 24 j 19:21	0° 8 °	
	-1741 Nov 10 j 06:25	0° 8 °		morning set	-1740 Oct 09 j 19:23	23° 8 °19'58	
max. Earth dist.	-1741 Nov 12 j 23:13	4° 8 °16'02	1.44376 AU		-1740 Oct 13 j 24:00	0° 8 °	
				desc. node	-1740 Oct 20 j 14:06	10° 8 °24'58	
superior conj	-1741 Nov 16 j 18:04	10° 8 °17'55	-1°18'01	superior conj	-1740 Oct 25 j 20:15	18° 8 °41'35	-0°33'33
minimum elong	-1741 Nov 16 j 10:18	9° 8 °46'48	1°17'12	minimum elong	-1740 Oct 25 j 15:52	18° 8 °24'19	0°32'59
	-1741 Nov 28 j 19:13	0° 8 °		max. Earth dist.	-1740 Oct 25 j 16:51	18° 8 °28'12	1.44927 AU
evening rise	-1741 Nov 30 j 20:23	3° 8 °25'38			-1740 Nov 02 j 00:21	0° 8 °	
	-1741 Dec 17 j 16:30	0° 8 °		evening rise	-1740 Nov 10 j 16:20	13° 8 °47'25	
evening max el	-1741 Dec 19 j 18:44	2° 8 °22'02	18°23'01		-1740 Nov 20 j 20:01	0° 8 °	
asc. node	-1741 Dec 20 j 19:20	3° 8 °20'50		evening max el	-1740 Dec 02 j 05:38	15° 8 °47'00	18°55'21
retrograde	-1741 Dec 26 j 07:46	5° 8 °56'35		asc. node	-1740 Dec 06 j 16:23	19° 8 °08'06	
evening set	-1741 Dec 29 j 06:35	5° 8 °09'26		retrograde	-1740 Dec 09 j 01:43	19° 8 °39'32	
inferior conj	-1740 Jan 04 j 06:57	29° 8 °41'25	3°41'36	evening set	-1740 Dec 12 j 06:18	18° 8 °41'00	
minimum elong	-1740 Jan 04 j 04:44	29° 8 °47'44	3°41'16	inferior conj	-1740 Dec 17 j 23:46	12° 8 °55'56	3°14'04
	-1740 Jan 04 j 00:25	30° 8 °		minimum elong	-1740 Dec 17 j 20:53	13° 8 °04'53	3°13'21
min. Earth dist.	-1740 Jan 06 j 12:35	27° 8 °09'16	0.63991 AU	min. Earth dist.	-1740 Dec 19 j 14:21	10° 8 °56'42	0.65415 AU
morning rise	-1740 Jan 10 j 02:19	23° 8 °38'57		morning rise	-1740 Dec 23 j 11:11	6° 8 °47'29	
direct	-1740 Jan 17 j 01:16	20° 8 °48'46		direct	-1740 Dec 30 j 01:21	3° 8 °56'38	
morning max el	-1740 Jan 30 j 15:48	28° 8 °35'49	27°30'42	morning max el	-1739 Jan 12 j 01:22	11° 8 °31'58	26°44'39
desc. node	-1740 Jan 30 j 16:18	28° 8 °37'03		desc. node	-1739 Jan 16 j 13:22	16° 8 °26'27	
	-1740 Feb 01 j 00:40	0° 8 °			-1739 Jan 26 j 20:20	0° 8 °	
	-1740 Feb 22 j 14:12	0° 8 °		morning set	-1739 Feb 14 j 03:04	0° 8 °	
morning set	-1740 Mar 05 j 13:53	21° 8 °52'39		max. Earth dist.	-1739 Feb 16 j 23:12	5° 8 °19'03	
	-1740 Mar 09 j 14:13	0° 8 °			-1739 Feb 21 j 07:16	13° 8 °47'13	1.34593 AU
max. Earth dist.	-1740 Mar 10 j 14:43	2° 8 °07'14	1.33454 AU	superior conj	-1739 Feb 25 j 11:50	22° 8 °19'53	-1°09'14
				minimum elong	-1739 Feb 25 j 14:53	22° 8 °35'41	1°08'44
superior conj	-1740 Mar 13 j 10:40	8° 8 °05'47	-0°44'14		-1739 Mar 01 j 03:51	0° 8 °	
minimum elong	-1740 Mar 13 j 12:43	8° 8 °16'40	0°43'51	asc. node	-1739 Mar 04 j 15:41	7° 8 °19'01	
asc. node	-1740 Mar 17 j 18:40	17° 8 °22'31		evening rise	-1739 Mar 05 j 00:38	8° 8 °05'26	
evening rise	-1740 Mar 20 j 15:15	23° 8 °26'36			-1739 Mar 16 j 21:19	0° 8 °	
	-1740 Mar 23 j 19:44	0° 8 °		evening max el	-1739 Mar 24 j 14:15	9° 8 °36'40	21°09'59
evening max el	-1740 Apr 11 j 15:14	28° 8 °41'37	22°39'07	retrograde	-1739 Apr 05 j 07:59	15° 8 °16'20	
	-1740 Apr 13 j 01:35	0° 8 °		evening set	-1739 Apr 07 j 16:35	15° 8 °03'26	
retrograde	-1740 Apr 24 j 18:22	5° 8 °09'08		desc. node	-1739 Apr 14 j 12:26	12° 8 °26'54	
evening set	-1740 Apr 27 j 21:06	4° 8 °47'53					
desc. node	-1740 Apr 27 j 15:22	4° 8 °50'59					
min. Earth dist.	-1740 May 06 j 00:03	1° 8 °15'41	0.55414 AU				

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

inferior conj	-1739 Apr 17 j 00:02	11° Υ 04'31	-0°42'08	evening set	-1738 Mar 19 j 05:32	25° H 41'06	
minimum elong	-1739 Apr 16 j 22:02	11° Υ 07'19	0°41'25	inferior conj	-1738 Mar 27 j 23:41	21° H 40'06	1°13'09
min. Earth dist.	-1739 Apr 17 j 13:22	10° Υ 45'41	0.55077 AU	minimum elong	-1738 Mar 28 j 02:44	21° H 35'25	1°12'07
morning rise	-1739 Apr 26 j 03:24	6° Υ 59'51		min. Earth dist.	-1738 Mar 30 j 03:33	20° H 20'51	0.55678 AU
direct	-1739 Apr 29 j 06:40	6° Υ 38'31		desc. node	-1738 Apr 01 j 09:30	19° H 03'39	
morning max el	-1739 May 12 j 01:54	12° Υ 46'07	22°25'18	morning rise	-1738 Apr 05 j 21:47	17° H 08'49	
	-1739 May 24 j 21:59	0° S		direct	-1738 Apr 09 j 22:29	16° H 33'00	
asc. node	-1739 May 31 j 15:02	12° S 38'33		morning max el	-1738 Apr 23 j 18:44	23° H 26'14	24°05'19
morning set	-1739 Jun 02 j 21:08	17° S 16'32			-1738 Apr 29 j 15:54	0° Υ	
	-1739 Jun 08 j 21:16	0° II			-1738 May 17 j 06:49	0° S	
				morning set	-1738 May 18 j 09:04	2° S 16'53	
superior conj	-1739 Jun 10 j 02:25	2° II 34'25	1°25'03	asc. node	-1738 May 18 j 12:05	2° S 32'43	
minimum elong	-1739 Jun 09 j 23:52	2° II 20'53	1°24'46				
max. Earth dist.	-1739 Jun 13 j 03:27	8° II 56'12	1.34332 AU	superior conj	-1738 May 25 j 10:16	17° S 25'40	1°07'03
evening rise	-1739 Jun 17 j 23:55	18° II 42'04		minimum elong	-1738 May 25 j 07:50	17° S 12'31	1°06'40
	-1739 Jun 24 j 00:27	0° S		max. Earth dist.	-1738 May 27 j 06:48	21° S 24'54	1.33339 AU
desc. node	-1739 Jul 11 j 11:41	27° S 29'36			-1738 May 31 j 08:58	0° II	
	-1739 Jul 13 j 09:14	0° Ω		evening rise	-1738 Jun 01 j 19:52	2° II 57'42	
evening max el	-1739 Jul 22 j 16:49	10° Ω 37'02	27°09'02		-1738 Jun 16 j 19:48	0° S	
retrograde	-1739 Aug 05 j 00:28	17° Ω 56'51		desc. node	-1738 Jun 28 j 08:43	16° S 16'59	
evening set	-1739 Aug 11 j 23:44	15° Ω 09'59		evening max el	-1738 Jul 05 j 03:10	23° S 42'42	27°25'13
min. Earth dist.	-1739 Aug 15 j 18:59	11° Ω 28'13	0.65008 AU		-1738 Jul 13 j 23:09	0° Ω	
inferior conj	-1739 Aug 17 j 21:03	9° Ω 07'27	-3°00'20	retrograde	-1738 Jul 18 j 19:24	1° Ω 04'05	
minimum elong	-1739 Aug 18 j 01:08	8° Ω 56'00	2°59'03		-1738 Jul 23 j 09:12	30° R S	
morning rise	-1739 Aug 24 j 03:06	3° Ω 33'51		evening set	-1738 Jul 25 j 24:00	28° S 24'57	
direct	-1739 Aug 26 j 21:46	2° Ω 52'32		min. Earth dist.	-1738 Jul 29 j 14:24	25° S 16'18	0.63478 AU
asc. node	-1739 Aug 27 j 14:15	2° Ω 55'04		inferior conj	-1738 Aug 01 j 06:04	22° S 34'49	-3°44'59
morning max el	-1739 Sep 02 j 10:26	6° Ω 23'57	18°11'02	minimum elong	-1738 Aug 01 j 10:22	22° S 23'53	3°43'57
	-1739 Sep 18 j 07:53	0° M		morning rise	-1738 Aug 07 j 21:44	17° S 18'51	
morning set	-1739 Sep 20 j 19:09	4° M 06'28		direct	-1738 Aug 10 j 12:11	16° S 46'02	
				asc. node	-1738 Aug 14 j 11:19	18° S 02'51	
superior conj	-1739 Oct 04 j 23:51	27° M 14'42	0°15'59	morning max el	-1738 Aug 17 j 01:52	20° S 11'03	17°55'34
minimum elong	-1739 Oct 05 j 01:49	27° M 22'33	0°15'43		-1738 Aug 24 j 09:31	0° Ω	
behind sun begin	-1739 Oct 04 j 23:02	27° M 11'28		morning set	-1738 Sep 02 j 20:08	16° Ω 05'15	
behind sun end	-1739 Oct 05 j 04:36	27° M 33'38			-1738 Sep 10 j 21:58	0° M	
	-1739 Oct 06 j 17:25	0° S					
desc. node	-1739 Oct 07 j 11:07	1° S 10'09		superior conj	-1738 Sep 15 j 00:34	6° M 52'31	0°58'22
max. Earth dist.	-1739 Oct 08 j 11:43	2° S 47'29	1.44737 AU	minimum elong	-1738 Sep 15 j 05:48	7° M 14'10	0°57'45
evening rise	-1739 Oct 21 j 13:02	23° S 12'14		max. Earth dist.	-1738 Sep 21 j 03:57	16° M 52'47	1.43843 AU
	-1739 Oct 25 j 22:17	0° M		desc. node	-1738 Sep 24 j 08:09	21° M 56'16	
greatest brilliancy	-1739 Nov 03 j 03:16	12° M 33'51	-0.7m		-1738 Sep 29 j 11:39	0° S	
evening max el	-1739 Nov 15 j 12:38	29° M 13'47	19°44'01	evening rise	-1738 Sep 30 j 19:34	2° S 03'36	
	-1739 Nov 16 j 07:09	0° S			-1738 Oct 19 j 13:07	0° M	
retrograde	-1739 Nov 22 j 22:39	3° S 33'04		evening max el	-1738 Oct 29 j 14:09	12° M 40'46	20°46'51
asc. node	-1739 Nov 23 j 13:26	3° S 30'53		retrograde	-1738 Nov 06 j 20:11	17° M 33'50	
evening set	-1739 Nov 26 j 10:45	2° S 21'14		asc. node	-1738 Nov 10 j 10:30	16° M 19'48	
	-1739 Nov 29 j 01:03	30° R M		evening set	-1738 Nov 10 j 17:50	16° M 06'36	
inferior conj	-1739 Dec 01 j 23:25	26° M 22'07	2°36'45	inferior conj	-1738 Nov 16 j 03:27	9° M 56'50	1°52'25
minimum elong	-1739 Dec 01 j 20:33	26° M 31'33	2°35'50	minimum elong	-1738 Nov 16 j 01:07	10° M 04'47	1°51'32
min. Earth dist.	-1739 Dec 03 j 00:18	25° M 00'19	0.66459 AU	min. Earth dist.	-1738 Nov 16 j 16:18	9° M 13'00	0.67144 AU
morning rise	-1739 Dec 07 j 06:09	20° M 09'40		morning rise	-1738 Nov 21 j 08:13	3° M 42'37	
direct	-1739 Dec 13 j 07:07	17° M 29'50		direct	-1738 Nov 26 j 18:11	1° M 21'00	
morning max el	-1739 Dec 25 j 10:32	24° M 41'26	25°35'05	morning max el	-1738 Dec 07 j 19:07	7° M 56'10	24°11'39
	-1739 Dec 30 j 06:14	0° S		desc. node	-1738 Dec 21 j 07:29	24° M 37'31	
desc. node	-1738 Jan 03 j 10:26	5° S 12'02			-1738 Dec 25 j 02:03	0° S	
	-1738 Jan 20 j 07:19	0° S		morning set	-1737 Jan 12 j 13:41	29° S 22'59	
morning set	-1738 Jan 30 j 17:07	17° S 54'40			-1737 Jan 12 j 22:14	0° S	
max. Earth dist.	-1738 Feb 03 j 12:15	24° S 58'19	1.36172 AU	max. Earth dist.	-1737 Jan 16 j 08:41	6° S 03'55	1.38118 AU
	-1738 Feb 06 j 03:00	0° \approx					
				superior conj	-1737 Jan 23 j 10:08	19° S 09'37	-1°48'58
superior conj	-1738 Feb 09 j 04:50	6° \approx 04'30	-1°31'34	minimum elong	-1737 Jan 23 j 13:11	19° S 24'13	1°48'47
minimum elong	-1738 Feb 09 j 08:22	6° \approx 22'13	1°31'08		-1737 Jan 28 j 23:41	0° \approx	
evening rise	-1738 Feb 17 j 05:59	22° \approx 26'06		evening rise	-1737 Feb 01 j 04:54	6° \approx 21'18	
asc. node	-1738 Feb 19 j 12:44	27° \approx 01'05		asc. node	-1737 Feb 06 j 09:48	16° \approx 22'27	
	-1738 Feb 21 j 01:13	0° H			-1737 Feb 14 j 22:56	0° H	
evening max el	-1738 Mar 06 j 23:49	21° H 05'49	19°55'38	evening max el	-1737 Feb 17 j 19:56	3° H 11'25	19°00'02
retrograde	-1738 Mar 17 j 00:57	25° H 53'47		retrograde	-1737 Feb 26 j 07:59	7° H 16'42	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening set	-1737 Feb 28 j 15:46	6° H 59'38	retrograde	-1736 Feb 08 j 09:34	19° \approx 26'43	
inferior conj	-1737 Mar 08 j 15:44	2° H 44'30 2°42'04	evening set	-1736 Feb 10 j 21:55	19° \approx 02'38	
minimum elong	-1737 Mar 08 j 20:22	2° H 36'18 2°40'53	inferior conj	-1736 Feb 18 j 04:33	14° \approx 27'21	3°34'31
min. Earth dist.	-1737 Mar 11 j 19:26	0° H 31'58 0.57091 AU	minimum elong	-1736 Feb 18 j 07:38	14° \approx 21'01	3°34'04
	-1737 Mar 12 j 14:47	30° \approx	min. Earth dist.	-1736 Feb 21 j 14:43	11° \approx 39'53	0.59014 AU
morning rise	-1737 Mar 16 j 22:04	27° \approx 41'05	morning rise	-1736 Feb 25 j 15:02	8° \approx 58'18	
desc. node	-1737 Mar 19 j 06:34	26° \approx 56'07	direct	-1736 Mar 02 j 21:16	7° \approx 15'28	
direct	-1737 Mar 22 j 03:11	26° \approx 36'26	desc. node	-1736 Mar 05 j 03:39	7° \approx 28'39	
	-1737 Mar 31 j 14:10	0° H	morning max el	-1736 Mar 17 j 04:21	14° \approx 54'14	26°54'41
morning max el	-1737 Apr 05 j 09:46	3° H 59'51 25°40'12		-1736 Mar 29 j 08:30	0° H	
	-1737 Apr 24 j 01:01	0° Y		-1736 Apr 15 j 05:57	0° Y	
morning set	-1737 May 02 j 20:57	17° Y 16'51	morning set	-1736 Apr 16 j 07:07	2° Y 10'29	
asc. node	-1737 May 05 j 09:08	22° Y 37'29	asc. node	-1736 Apr 21 j 06:11	12° Y 48'10	
	-1737 May 08 j 18:30	0° B				
superior conj	-1737 May 09 j 20:57	2° B 24'33 0°45'46	superior conj	-1736 Apr 23 j 08:42	17° Y 24'39	0°22'04
minimum elong	-1737 May 09 j 19:05	2° B 14'20 0°45'24	minimum elong	-1736 Apr 23 j 07:43	17° Y 19'20	0°21'51
max. Earth dist.	-1737 May 10 j 16:35	4° B 11'40 1.32714 AU	max. Earth dist.	-1736 Apr 23 j 05:27	17° Y 06'51	1.32448 AU
evening rise	-1737 May 16 j 23:15	17° B 35'07		-1736 Apr 29 j 03:52	0° B	
	-1737 May 23 j 06:19	0° II	evening rise	-1736 Apr 30 j 07:27	2° B 25'38	
	-1737 Jun 11 j 15:17	0° E		-1736 May 15 j 06:17	0° II	
desc. node	-1737 Jun 15 j 05:45	4° E 04'33	evening max el	-1736 May 29 j 10:43	18° II 05'55	26°21'44
evening max el	-1737 Jun 17 j 09:49	6° E 15'18 27°09'48	desc. node	-1736 Jun 01 j 02:46	20° II 27'18	
retrograde	-1737 Jul 01 j 07:48	13° E 35'02	retrograde	-1736 Jun 12 j 12:00	25° II 21'44	
evening set	-1737 Jul 08 j 08:45	11° E 17'59	evening set	-1736 Jun 18 j 21:31	23° II 39'22	
min. Earth dist.	-1737 Jul 11 j 23:45	8° E 31'57 0.61620 AU	min. Earth dist.	-1736 Jun 22 j 23:51	21° II 00'03	0.59577 AU
inferior conj	-1737 Jul 15 j 03:03	5° E 42'54 -4°18'40	inferior conj	-1736 Jun 26 j 08:26	18° II 22'37	-4°33'52
minimum elong	-1737 Jul 15 j 06:19	5° E 35'32 4°18'12	minimum elong	-1736 Jun 26 j 08:54	18° II 21'41	4°33'50
morning rise	-1737 Jul 22 j 05:27	0° E 47'13	morning rise	-1736 Jul 03 j 22:28	13° II 48'50	
direct	-1737 Jul 24 j 17:50	0° E 20'31	direct	-1736 Jul 06 j 10:37	13° II 26'27	
morning max el	-1737 Jul 31 j 16:03	3° E 48'05 17°58'34	morning max el	-1736 Jul 14 j 01:59	17° II 06'54	18°21'08
asc. node	-1737 Aug 01 j 08:23	4° E 29'30	asc. node	-1736 Jul 18 j 05:27	21° II 59'32	
morning set	-1737 Aug 16 j 16:35	29° E 00'01		-1736 Jul 23 j 07:16	0° E	
	-1737 Aug 17 j 05:43	0° Q	morning set	-1736 Jul 30 j 03:14	12° E 36'51	
superior conj	-1737 Aug 27 j 04:52	17° Q 52'02 1°27'37	superior conj	-1736 Aug 08 j 09:39	0° Q 04'38	1°43'29
minimum elong	-1737 Aug 27 j 09:27	18° Q 12'02 1°27'12	minimum elong	-1736 Aug 08 j 11:58	0° Q 15'15	1°43'24
	-1737 Sep 03 j 08:30	0° P		-1736 Aug 08 j 08:38	0° Q	
max. Earth dist.	-1737 Sep 03 j 15:05	0° P 27'13 1.42369 AU	max. Earth dist.	-1736 Aug 15 j 21:01	13° Q 21'31	1.40516 AU
evening rise	-1737 Sep 10 j 05:58	11° P 08'35	evening rise	-1736 Aug 20 j 12:23	21° Q 10'32	
desc. node	-1737 Sep 11 j 05:09	12° P 39'58		-1736 Aug 25 j 23:39	0° P	
	-1737 Sep 22 j 14:26	0° A	desc. node	-1736 Aug 28 j 02:08	3° P 17'25	
evening max el	-1737 Oct 12 j 09:47	26° A 08'22 22°00'34		-1736 Sep 15 j 17:56	0° A	
	-1737 Oct 16 j 22:49	0° M	evening max el	-1736 Sep 24 j 00:28	9° A 37'29	23°20'17
retrograde	-1737 Oct 21 j 16:18	1° M 39'11	retrograde	-1736 Oct 04 j 09:33	15° A 45'43	
	-1737 Oct 25 j 22:56	30° R A	evening set	-1736 Oct 09 j 08:32	13° A 42'23	
evening set	-1737 Oct 26 j 01:41	29° A 54'34	asc. node	-1736 Oct 14 j 04:37	8° A 03'37	
asc. node	-1737 Oct 28 j 07:34	27° A 40'41	inferior conj	-1736 Oct 14 j 16:41	7° A 22'16	0°10'24
inferior conj	-1737 Oct 31 j 09:49	23° A 37'50 1°03'06	minimum elong	-1736 Oct 14 j 16:26	7° A 23'08	0°10'18
minimum elong	-1737 Oct 31 j 08:24	23° A 42'44 1°02'30	transit middle	-1736 Oct 14 j 16:26	7° A 23'08	0°10'18
min. Earth dist.	-1737 Oct 31 j 11:51	23° A 30'48 0.67495 AU	transit begin	-1736 Oct 14 j 14:20	7° A 30'20	
morning rise	-1737 Nov 05 j 14:57	17° A 24'19	transit end	-1736 Oct 14 j 18:32	7° A 15'55	
direct	-1737 Nov 10 j 09:47	15° A 24'22	min. Earth dist.	-1736 Oct 14 j 08:24	7° A 50'41	0.67538 AU
morning max el	-1737 Nov 20 j 05:24	21° A 14'40 22°44'21	morning rise	-1736 Oct 20 j 00:13	1° A 12'16	
	-1737 Nov 27 j 16:56	0° M		-1736 Oct 22 j 00:49	30° R P	
desc. node	-1737 Dec 08 j 04:32	14° M 31'36	direct	-1736 Oct 24 j 04:55	29° P 34'17	
	-1737 Dec 18 j 09:13	0° X		-1736 Oct 26 j 11:39	0° A	
morning set	-1737 Dec 24 j 06:58	9° X 29'51	morning max el	-1736 Nov 01 j 20:46	4° A 39'44	21°21'30
max. Earth dist.	-1737 Dec 29 j 04:25	17° X 41'37 1.40225 AU		-1736 Nov 20 j 21:19	0° M	
	-1736 Jan 05 j 04:35	0° B	desc. node	-1736 Nov 24 j 01:32	4° M 45'21	
			morning set	-1736 Dec 02 j 19:47	18° M 16'02	
				-1736 Dec 10 j 02:56	0° X	
superior conj	-1736 Jan 05 j 23:13	1° B 24'27 -1°58'21	max. Earth dist.	-1736 Dec 10 j 06:21	0° X 14'02	1.42199 AU
minimum elong	-1736 Jan 06 j 00:13	1° B 28'58 1°58'22				
evening rise	-1736 Jan 15 j 18:29	19° B 44'27	superior conj	-1736 Dec 17 j 14:29	12° X 34'18	-1°55'44
	-1736 Jan 21 j 06:22	0° \approx	minimum elong	-1736 Dec 17 j 11:39	12° X 22'04	1°55'39
asc. node	-1736 Jan 24 j 06:51	5° \approx 16'29		-1736 Dec 27 j 10:39	0° B	
evening max el	-1736 Feb 01 j 00:27	15° \approx 48'34 18°24'22	evening rise	-1736 Dec 28 j 19:04	2° B 26'56	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

asc. node	-1735 Jan 10 j 03:53	23° Z 33'54		minimum elong	-1735 Nov 27 j 20:16	22° M 00'34	1°36'23
evening max el	-1735 Jan 14 j 10:21	28° Z 47'56	18°08'40		-1735 Dec 02 j 16:12	0° X	
	-1735 Jan 15 j 18:17	0° \approx		evening rise	-1735 Dec 11 j 02:29	14° X 20'55	
retrograde	-1735 Jan 21 j 04:02	2° \approx 14'43			-1735 Dec 20 j 06:45	0° Z	
evening set	-1735 Jan 23 j 20:20	1° \approx 42'22		asc. node	-1735 Dec 28 j 00:55	11° Z 03'58	
	-1735 Jan 26 j 19:10	30° R 3		evening max el	-1735 Dec 28 j 22:40	12° Z 01'44	18°12'21
inferior conj	-1735 Jan 30 j 12:42	26° Z 45'22	3°54'57	retrograde	-1734 Jan 04 j 11:00	15° Z 30'29	
minimum elong	-1735 Jan 30 j 13:17	26° Z 44'00	3°54'54	evening set	-1734 Jan 07 j 07:11	14° Z 49'03	
min. Earth dist.	-1735 Feb 02 j 16:10	23° Z 47'29	0.61084 AU	inferior conj	-1734 Jan 13 j 12:33	9° Z 31'31	3°51'33
morning rise	-1735 Feb 06 j 04:49	20° Z 58'59		minimum elong	-1734 Jan 13 j 11:06	9° Z 35'24	3°51'24
direct	-1735 Feb 13 j 01:52	18° Z 40'27		min. Earth dist.	-1734 Jan 16 j 02:43	6° Z 45'20	0.63013 AU
desc. node	-1735 Feb 20 j 00:43	20° Z 45'56		morning rise	-1734 Jan 19 j 14:14	3° Z 33'36	
morning max el	-1735 Feb 27 j 05:08	26° Z 26'27	27°37'21	direct	-1734 Jan 26 j 14:58	0° Z 50'55	
	-1735 Mar 02 j 13:47	0° \approx		desc. node	-1734 Feb 06 j 21:46	6° Z 16'13	
	-1735 Mar 22 j 20:12	0° H		morning max el	-1734 Feb 09 j 11:31	8° Z 39'31	27°43'23
morning set	-1735 Mar 31 j 13:41	16° H 51'12			-1734 Feb 26 j 00:40	0° \approx	
max. Earth dist.	-1735 Apr 06 j 17:40	29° H 57'27	1.32537 AU		-1734 Mar 15 j 00:12	0° H	
	-1735 Apr 06 j 18:08	0° Y		morning set	-1734 Mar 15 j 14:27	1° H 11'18	
				max. Earth dist.	-1734 Mar 21 j 01:18	12° H 29'37	1.33002 AU
superior conj	-1735 Apr 07 j 19:49	2° Y 20'02	-0°03'17				
minimum elong	-1735 Apr 07 j 19:58	2° Y 20'51	0°03'15	superior conj	-1734 Mar 23 j 04:39	17° H 04'40	-0°29'19
behind sun begin	-1735 Apr 07 j 15:00	1° Y 53'42		minimum elong	-1734 Mar 23 j 06:01	17° H 12'01	0°29'02
behind sun end	-1735 Apr 08 j 00:57	2° Y 48'00		asc. node	-1734 Mar 26 j 00:15	23° H 10'10	
asc. node	-1735 Apr 08 j 03:14	3° Y 00'30			-1734 Mar 29 j 04:27	0° Y	
evening rise	-1735 Apr 14 j 18:23	17° Y 21'40		evening rise	-1734 Mar 30 j 06:08	2° Y 16'10	
	-1735 Apr 21 j 01:08	0° B			-1734 Apr 14 j 14:19	0° B	
evening max el	-1735 May 11 j 05:10	29° B 14'06	25°05'53	evening max el	-1734 Apr 22 j 20:09	9° B 54'37	23°33'41
	-1735 May 12 j 00:47	0° II		desc. node	-1734 May 05 j 20:51	16° B 42'13	
desc. node	-1735 May 18 j 23:48	4° II 52'08		retrograde	-1734 May 06 j 11:16	16° B 43'02	
retrograde	-1735 May 25 j 05:42	6° II 22'02		evening set	-1734 May 10 j 07:28	16° B 10'33	
evening set	-1735 May 30 j 11:44	5° II 18'30		min. Earth dist.	-1734 May 17 j 06:47	12° B 57'21	0.56007 AU
min. Earth dist.	-1735 Jun 04 j 17:02	2° II 29'06	0.57595 AU	inferior conj	-1734 May 19 j 09:03	11° B 42'12	-3°25'35
inferior conj	-1735 Jun 07 j 18:49	0° II 24'23	-4°19'53	minimum elong	-1734 May 19 j 02:26	11° B 52'07	3°23'59
minimum elong	-1735 Jun 07 j 15:08	0° II 30'39	4°19'27	morning rise	-1734 May 28 j 00:17	7° B 44'46	
	-1735 Jun 08 j 09:12	30° R 8		direct	-1734 May 30 j 14:45	7° B 27'52	
morning rise	-1735 Jun 15 j 21:21	26° B 11'51		morning max el	-1734 Jun 09 j 21:50	12° B 13'47	20°08'10
direct	-1735 Jun 18 j 10:20	25° B 52'44		asc. node	-1734 Jun 21 j 23:32	29° B 15'26	
morning max el	-1735 Jun 27 j 04:45	29° B 58'36	19°04'17		-1734 Jun 22 j 09:16	0° II	
	-1735 Jun 27 j 05:21	0° II		morning set	-1734 Jun 28 j 03:51	11° II 16'13	
asc. node	-1735 Jul 05 j 02:30	10° II 18'58					
morning set	-1735 Jul 14 j 00:02	26° II 45'20		superior conj	-1734 Jul 05 j 22:37	27° II 07'42	1°44'12
	-1735 Jul 15 j 15:23	0° E		minimum elong	-1734 Jul 05 j 21:05	27° II 00'00	1°44'09
					-1734 Jul 07 j 09:07	0° E	
superior conj	-1735 Jul 22 j 09:20	13° E 15'12	1°48'11	max. Earth dist.	-1734 Jul 11 j 04:33	7° E 25'43	1.36647 AU
minimum elong	-1735 Jul 22 j 09:24	13° E 15'29	1°48'14	evening rise	-1734 Jul 15 j 03:17	14° E 48'30	
max. Earth dist.	-1735 Jul 28 j 23:55	25° E 36'12	1.38526 AU		-1734 Jul 23 j 21:28	0° O	
	-1735 Jul 31 j 11:00	0° O		desc. node	-1734 Aug 01 j 20:09	13° O 55'29	
evening rise	-1735 Aug 01 j 20:21	2° O 25'57			-1734 Aug 13 j 19:36	0° M	
desc. node	-1735 Aug 14 j 23:08	23° O 44'40		evening max el	-1734 Aug 19 j 23:20	6° M 44'16	25°51'08
	-1735 Aug 19 j 04:13	0° M		retrograde	-1734 Sep 01 j 07:59	13° M 48'47	
evening max el	-1735 Sep 06 j 12:16	23° M 09'59	24°39'34	evening set	-1734 Sep 07 j 12:25	11° M 11'42	
retrograde	-1735 Sep 17 j 22:58	29° M 50'44		min. Earth dist.	-1734 Sep 11 j 18:59	6° M 30'58	0.66670 AU
evening set	-1735 Sep 23 j 12:45	27° M 29'03		inferior conj	-1734 Sep 13 j 01:03	4° M 55'37	-1°38'41
min. Earth dist.	-1735 Sep 28 j 03:34	22° M 11'44	0.67272 AU	minimum elong	-1734 Sep 13 j 03:28	4° M 47'58	1°37'43
inferior conj	-1735 Sep 28 j 22:21	21° M 09'09	-0°44'03		-1734 Sep 17 j 10:55	30° R 8	
minimum elong	-1735 Sep 28 j 23:26	21° M 05'35	0°43'35	asc. node	-1734 Sep 17 j 22:43	29° O 36'03	
asc. node	-1735 Oct 01 j 01:40	18° M 23'41		morning rise	-1734 Sep 18 j 18:44	29° O 01'09	
morning rise	-1735 Oct 04 j 10:08	15° M 05'26		direct	-1734 Sep 22 j 00:40	28° O 00'22	
direct	-1735 Oct 08 j 02:22	13° M 47'39			-1734 Sep 26 j 20:41	0° M	
morning max el	-1735 Oct 15 j 19:34	18° M 15'03	20°09'04	morning max el	-1734 Sep 29 j 01:41	1° M 59'15	19°10'34
	-1735 Oct 25 j 02:57	0° E			-1734 Oct 18 j 16:36	0° E	
desc. node	-1735 Nov 10 j 22:32	25° E 13'21		morning set	-1734 Oct 21 j 23:07	5° E 07'06	
morning set	-1735 Nov 11 j 17:08	26° E 25'14		desc. node	-1734 Oct 28 j 19:34	15° E 51'02	
	-1735 Nov 14 j 00:30	0° M		max. Earth dist.	-1734 Nov 05 j 07:40	27° E 38'37	1.44701 AU
max. Earth dist.	-1735 Nov 22 j 16:10	13° M 38'43	1.43758 AU		-1734 Nov 06 j 19:28	0° M	
superior conj	-1735 Nov 28 j 03:12	22° M 28'56	-1°36'57	superior conj	-1734 Nov 07 j 14:35	1° M 15'39	-1°00'34

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1734 Nov 07 j 07:30	0° \mathbb{M} 47'37	0°59'45			-1733 Oct 30 j 14:05	0° \mathbb{M}	
evening rise	-1734 Nov 22 j 12:22	25° \mathbb{M} 18'26		evening rise	-1733 Nov 02 j 22:00	5° \mathbb{M} 14'40		
	-1734 Nov 25 j 08:51	0° \mathbb{X}		greatest brilliancy	-1733 Nov 12 j 18:09	20° \mathbb{M} 42'39	-0.8m	
evening max el	-1734 Dec 12 j 10:45	25° \mathbb{X} 24'10	18°34'36		-1733 Nov 18 j 21:50	0° \mathbb{X}		
asc. node	-1734 Dec 14 j 21:56	27° \mathbb{X} 33'25		evening max el	-1733 Nov 25 j 20:14	8° \mathbb{X} 50'29	19°14'10	
retrograde	-1734 Dec 19 j 02:04	29° \mathbb{X} 05'38		asc. node	-1733 Dec 01 j 19:00	12° \mathbb{X} 46'43		
evening set	-1734 Dec 22 j 03:02	28° \mathbb{X} 13'57		retrograde	-1733 Dec 02 j 21:37	12° \mathbb{X} 53'38		
inferior conj	-1734 Dec 28 j 00:12	22° \mathbb{X} 38'12	3°31'21	evening set	-1733 Dec 06 j 05:03	11° \mathbb{X} 49'53		
minimum elong	-1734 Dec 27 j 21:36	22° \mathbb{X} 45'55	3°30'50	inferior conj	-1733 Dec 11 j 20:17	5° \mathbb{X} 58'39	2°59'15	
min. Earth dist.	-1734 Dec 29 j 23:18	20° \mathbb{X} 19'01	0.64639 AU	minimum elong	-1733 Dec 11 j 17:19	6° \mathbb{X} 08'04	2°58'25	
morning rise	-1733 Jan 02 j 15:42	16° \mathbb{X} 32'36		min. Earth dist.	-1733 Dec 13 j 04:56	4° \mathbb{X} 14'44	0.65905 AU	
direct	-1733 Jan 09 j 11:27	13° \mathbb{X} 40'33		morning rise	-1733 Dec 17 j 05:19	29° \mathbb{M} 48'04		
morning max el	-1733 Jan 22 j 20:54	21° \mathbb{X} 24'41	27°14'34		-1733 Dec 17 j 00:02	30° \mathbb{R} \mathbb{M}		
desc. node	-1733 Jan 24 j 18:49	23° \mathbb{X} 23'49		direct	-1733 Dec 23 j 14:16	27° \mathbb{M} 00'25		
	-1733 Jan 30 j 09:27	0° \mathbb{Z}			-1733 Dec 31 j 03:24	0° \mathbb{X}		
	-1733 Feb 19 j 03:33	0° \approx		morning max el	-1732 Jan 05 j 06:25	4° \mathbb{X} 28'01	26°17'17	
morning set	-1733 Feb 27 j 06:31	15° \approx 01'27		desc. node	-1732 Jan 11 j 15:52	11° \mathbb{X} 39'45		
max. Earth dist.	-1733 Mar 04 j 00:18	24° \approx 30'51	1.33880 AU		-1732 Jan 24 j 20:15	0° \mathbb{Z}		
	-1733 Mar 06 j 15:42	0° \mathbb{H}		morning set	-1732 Feb 10 j 09:56	28° \mathbb{Z} 08'23		
					-1732 Feb 11 j 09:40	0° \approx		
superior conj	-1733 Mar 07 j 09:17	1° \mathbb{H} 32'27	-0°55'04	max. Earth dist.	-1732 Feb 14 j 11:31	5° \approx 55'24	1.35210 AU	
minimum elong	-1733 Mar 07 j 11:48	1° \mathbb{H} 45'41	0°54'36					
asc. node	-1733 Mar 12 j 21:18	13° \mathbb{H} 13'12		superior conj	-1732 Feb 19 j 07:21	15° \approx 35'12	-1°19'09	
evening rise	-1733 Mar 14 j 16:56	17° \mathbb{H} 02'54		minimum elong	-1732 Feb 19 j 10:41	15° \approx 52'17	1°18'40	
	-1733 Mar 21 j 05:07	0° \mathbb{Y}			-1732 Feb 26 j 06:30	0° \mathbb{H}		
evening max el	-1733 Apr 04 j 14:28	20° \mathbb{Y} 37'01	21°59'52	evening rise	-1732 Feb 27 j 00:51	1° \mathbb{H} 34'34		
retrograde	-1733 Apr 17 j 05:26	26° \mathbb{Y} 46'25		asc. node	-1732 Feb 27 j 18:20	3° \mathbb{H} 04'10		
evening set	-1733 Apr 19 j 22:13	26° \mathbb{Y} 30'12			-1732 Mar 15 j 00:43	0° \mathbb{Y}		
desc. node	-1733 Apr 22 j 17:54	25° \mathbb{Y} 41'24		evening max el	-1732 Mar 16 j 17:50	1° \mathbb{Y} 45'41	20°36'15	
inferior conj	-1733 Apr 29 j 07:51	22° \mathbb{Y} 24'14	-1°49'32	retrograde	-1732 Mar 27 j 18:40	7° \mathbb{Y} 02'37		
minimum elong	-1733 Apr 29 j 02:56	22° \mathbb{Y} 31'10	1°47'53	evening set	-1732 Mar 29 j 23:58	6° \mathbb{Y} 50'39		
min. Earth dist.	-1733 Apr 28 j 20:14	22° \mathbb{Y} 40'35	0.55149 AU	inferior conj	-1732 Apr 08 j 02:57	2° \mathbb{Y} 53'11	0°08'29	
morning rise	-1733 May 08 j 08:56	18° \mathbb{Y} 27'17		minimum elong	-1732 Apr 08 j 03:21	2° \mathbb{Y} 52'37	0°08'21	
direct	-1733 May 11 j 04:37	18° \mathbb{Y} 09'31		transit middle	-1732 Apr 08 j 03:21	2° \mathbb{Y} 52'37	0°08'21	
morning max el	-1733 May 23 j 04:03	23° \mathbb{Y} 47'16	21°31'00	transit begin	-1732 Apr 07 j 23:54	2° \mathbb{Y} 57'37		
	-1733 May 28 j 16:07	0° \mathbb{B}		transit end	-1732 Apr 08 j 06:48	2° \mathbb{Y} 47'37		
asc. node	-1733 Jun 08 j 20:36	18° \mathbb{B} 39'59		desc. node	-1732 Apr 08 j 14:58	2° \mathbb{Y} 35'48		
morning set	-1733 Jun 12 j 12:17	26° \mathbb{B} 02'53		min. Earth dist.	-1732 Apr 09 j 10:12	2° \mathbb{Y} 08'01	0.55221 AU	
	-1733 Jun 14 j 09:49	0° \mathbb{I}			-1732 Apr 13 j 10:52	30° \mathbb{R} \mathbb{H}		
				morning rise	-1732 Apr 17 j 05:30	28° \mathbb{H} 38'22		
superior conj	-1733 Jun 19 j 21:24	11° \mathbb{I} 30'08	1°33'33	direct	-1732 Apr 20 j 16:37	28° \mathbb{H} 12'18		
minimum elong	-1733 Jun 19 j 19:02	11° \mathbb{I} 17'46	1°33'22		-1732 Apr 27 j 14:51	0° \mathbb{Y}		
max. Earth dist.	-1733 Jun 23 j 16:39	19° \mathbb{I} 17'32	1.35068 AU	morning max el	-1732 May 04 j 00:26	4° \mathbb{Y} 41'38	23°07'29	
evening rise	-1733 Jun 28 j 04:14	28° \mathbb{I} 05'32			-1732 May 21 j 12:07	0° \mathbb{B}		
	-1733 Jun 29 j 04:21	0° \mathbb{G}		asc. node	-1732 May 25 j 17:41	8° \mathbb{B} 24'55		
	-1733 Jul 17 j 03:02	0° \mathbb{Q}		morning set	-1732 May 26 j 23:25	10° \mathbb{B} 59'23		
desc. node	-1733 Jul 19 j 17:10	3° \mathbb{Q} 42'23						
evening max el	-1733 Aug 02 j 10:50	20° \mathbb{Q} 15'38	26°47'04	superior conj	-1732 Jun 03 j 02:37	26° \mathbb{B} 12'43	1°17'53	
retrograde	-1733 Aug 15 j 12:00	27° \mathbb{Q} 33'09		minimum elong	-1732 Jun 03 j 00:03	25° \mathbb{B} 59'00	1°17'32	
evening set	-1733 Aug 22 j 05:18	24° \mathbb{Q} 47'11			-1732 Jun 04 j 21:26	0° \mathbb{I}		
min. Earth dist.	-1733 Aug 26 j 04:21	20° \mathbb{Q} 44'02	0.65714 AU	max. Earth dist.	-1732 Jun 05 j 14:44	1° \mathbb{I} 31'06	1.33862 AU	
inferior conj	-1733 Aug 27 j 22:48	18° \mathbb{Q} 38'29	-2°31'37	evening rise	-1732 Jun 10 j 18:24	12° \mathbb{I} 03'09		
minimum elong	-1733 Aug 28 j 02:23	18° \mathbb{Q} 27'53	2°30'21		-1732 Jun 20 j 11:02	0° \mathbb{G}		
morning rise	-1733 Sep 02 j 23:55	12° \mathbb{Q} 56'15		desc. node	-1732 Jul 05 j 14:12	22° \mathbb{G} 55'19		
asc. node	-1733 Sep 04 j 19:47	12° \mathbb{Q} 15'31			-1732 Jul 11 j 11:03	0° \mathbb{Q}		
direct	-1733 Sep 05 j 21:54	12° \mathbb{Q} 08'54		evening max el	-1732 Jul 14 j 22:21	3° \mathbb{Q} 34'57	27°19'43	
morning max el	-1733 Sep 12 j 13:20	15° \mathbb{Q} 48'15	18°27'54	retrograde	-1732 Jul 28 j 10:27	10° \mathbb{Q} 56'11		
	-1733 Sep 22 j 21:40	0° \mathbb{P}		evening set	-1732 Aug 04 j 12:38	8° \mathbb{Q} 11'16		
morning set	-1733 Oct 02 j 06:32	15° \mathbb{P} 05'43		min. Earth dist.	-1732 Aug 08 j 05:29	4° \mathbb{Q} 44'08	0.64392 AU	
	-1733 Oct 11 j 13:06	0° \mathbb{U}		inferior conj	-1732 Aug 10 j 13:17	2° \mathbb{Q} 13'29	-3°20'20	
desc. node	-1733 Oct 15 j 16:35	6° \mathbb{U} 34'26		minimum elong	-1732 Aug 10 j 17:34	2° \mathbb{Q} 01'54	3°19'06	
					-1732 Aug 12 j 16:23	30° \mathbb{R} \mathbb{G}		
superior conj	-1733 Oct 17 j 14:33	9° \mathbb{U} 35'52	-0°12'23	morning rise	-1732 Aug 16 j 23:14	26° \mathbb{G} 46'44		
minimum elong	-1733 Oct 17 j 12:55	9° \mathbb{U} 29'24	0°12'10	direct	-1732 Aug 19 j 15:46	26° \mathbb{G} 09'23		
behind sun begin	-1733 Oct 17 j 05:20	8° \mathbb{U} 59'28		asc. node	-1732 Aug 21 j 16:52	26° \mathbb{G} 31'07		
behind sun end	-1733 Oct 17 j 20:31	9° \mathbb{U} 59'20		morning max el	-1732 Aug 26 j 04:06	29° \mathbb{G} 37'25	18°02'15	
max. Earth dist.	-1733 Oct 19 j 01:42	11° \mathbb{U} 54'17	1.44932 AU		-1732 Aug 26 j 12:56	0° \mathbb{Q}		

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning set	-1732 Sep 12 j 17:45	26°♌25'14		superior conj	-1731 Sep 06 j 13:43	28°♌43'36	1°12'30
	-1732 Sep 14 j 20:30	0°♍		minimum elong	-1731 Sep 06 j 19:03	29°♌06'04	1°11'55
					-1731 Sep 07 j 07:51	0°♍	
superior conj	-1732 Sep 26 j 01:26	18°♍31'58	0°35'21	max. Earth dist.	-1731 Sep 13 j 10:25	10°♍05'02	1.43277 AU
minimum elong	-1732 Sep 26 j 05:21	18°♍47'47	0°34'50	desc. node	-1731 Sep 18 j 10:37	18°♍05'51	
max. Earth dist.	-1732 Sep 30 j 19:36	26°♍09'13	1.44435 AU	evening rise	-1731 Sep 21 j 16:41	23°♍11'47	
desc. node	-1732 Oct 01 j 13:36	27°♍20'36			-1731 Sep 26 j 02:41	0°♎	
	-1732 Oct 03 j 05:57	0°♎			-1731 Oct 17 j 00:41	0°♎	
evening rise	-1732 Oct 12 j 10:55	14°♎21'00		evening max el	-1731 Oct 22 j 00:15	5°♎45'41	21°17'07
	-1732 Oct 22 j 16:41	0°♎		retrograde	-1731 Oct 30 j 16:00	10°♎53'58	
greatest brilliancy	-1732 Oct 26 j 10:02	5°♎33'59	-0.6m	evening set	-1731 Nov 03 j 18:30	9°♎19'23	
evening max el	-1732 Nov 08 j 01:11	22°♎18'26	20°09'12	asc. node	-1731 Nov 04 j 13:06	8°♎40'03	
retrograde	-1732 Nov 15 j 18:58	26°♎51'00		inferior conj	-1731 Nov 09 j 03:18	3°♎06'18	1°32'00
asc. node	-1732 Nov 17 j 16:03	26°♎30'43		minimum elong	-1731 Nov 09 j 01:20	3°♎13'07	1°31'13
evening set	-1732 Nov 19 j 10:53	25°♎32'57		min. Earth dist.	-1731 Nov 09 j 11:23	2°♎38'30	0.67337 AU
inferior conj	-1732 Nov 24 j 22:05	19°♎29'11	2°18'41		-1731 Nov 11 j 10:54	30°♏♎	
minimum elong	-1732 Nov 24 j 19:23	19°♎38'12	2°17'45	morning rise	-1731 Nov 14 j 08:00	26°♎52'21	
min. Earth dist.	-1732 Nov 25 j 17:44	18°♎23'26	0.66799 AU	direct	-1731 Nov 19 j 11:31	24°♎39'49	
morning rise	-1732 Nov 30 j 03:41	13°♎15'50			-1731 Nov 29 j 01:15	0°♎	
direct	-1732 Dec 05 j 22:33	10°♎42'49		morning max el	-1731 Nov 29 j 23:52	0°♎55'42	23°34'30
morning max el	-1732 Dec 17 j 14:59	17°♎39'52	25°00'36	desc. node	-1731 Dec 15 j 09:59	20°♎22'51	
	-1732 Dec 27 j 23:42	0°♏			-1731 Dec 21 j 23:03	0°♏	
desc. node	-1732 Dec 28 j 12:56	0°♏44'15		morning set	-1730 Jan 04 j 05:07	21°♏12'19	
	-1731 Jan 16 j 20:43	0°♏		max. Earth dist.	-1730 Jan 08 j 07:32	28°♏16'27	1.39018 AU
morning set	-1731 Jan 22 j 19:32	10°♏17'29			-1730 Jan 09 j 07:02	0°♏	
max. Earth dist.	-1731 Jan 26 j 11:56	16°♏59'15	1.36973 AU				
				superior conj	-1730 Jan 15 j 18:55	11°♏50'17	-1°54'08
superior conj	-1731 Feb 01 j 19:53	29°♏04'43	-1°39'42	minimum elong	-1730 Jan 15 j 21:19	12°♏01'32	1°54'04
minimum elong	-1731 Feb 01 j 23:22	29°♏21'50	1°39'23	evening rise	-1730 Jan 24 j 23:07	29°♏28'08	
	-1731 Feb 02 j 07:07	0°♐			-1730 Jan 25 j 05:42	0°♐	
evening rise	-1731 Feb 10 j 03:46	15°♐45'15		asc. node	-1730 Jan 31 j 12:25	11°♐48'56	
asc. node	-1731 Feb 13 j 15:23	22°♐38'06		evening max el	-1730 Feb 10 j 08:08	25°♐50'55	18°42'18
	-1731 Feb 17 j 14:46	0°♑		retrograde	-1730 Feb 18 j 07:14	29°♐42'49	
evening max el	-1731 Feb 27 j 08:07	13°♑30'49	19°29'28	evening set	-1730 Feb 20 j 17:03	29°♐22'56	
retrograde	-1731 Mar 08 j 16:06	17°♑58'21		inferior conj	-1730 Feb 28 j 09:17	24°♐59'11	3°08'42
evening set	-1731 Mar 10 j 21:52	17°♑44'06		minimum elong	-1730 Feb 28 j 13:31	24°♐51'12	3°07'48
inferior conj	-1731 Mar 19 j 08:28	13°♑38'17	1°55'10	min. Earth dist.	-1730 Mar 03 j 17:30	22°♐29'21	0.57872 AU
minimum elong	-1731 Mar 19 j 12:42	13°♑31'26	1°53'52	morning rise	-1730 Mar 08 j 07:20	19°♐43'57	
min. Earth dist.	-1731 Mar 22 j 00:46	11°♑54'51	0.56207 AU	desc. node	-1730 Mar 13 j 09:06	18°♐24'52	
desc. node	-1731 Mar 26 j 12:02	9°♑28'56		direct	-1730 Mar 13 j 23:59	18°♐23'55	
morning rise	-1731 Mar 28 j 00:53	8°♑53'26		morning max el	-1730 Mar 28 j 07:34	25°♐54'28	26°15'15
direct	-1731 Apr 01 j 13:45	8°♑06'52			-1730 Apr 01 j 03:52	0°♑	
morning max el	-1731 Apr 15 j 15:29	15°♑14'25	24°47'10		-1730 Apr 20 j 12:08	0°♑	
	-1731 Apr 27 j 09:04	0°♒		morning set	-1730 Apr 25 j 22:54	10°♑58'36	
morning set	-1731 May 11 j 11:30	25°♑59'51		asc. node	-1730 Apr 29 j 11:46	18°♑32'08	
asc. node	-1731 May 12 j 14:43	28°♑23'57					
	-1731 May 13 j 08:42	0°♒		superior conj	-1730 May 02 j 23:13	26°♑08'00	0°35'57
				minimum elong	-1730 May 02 j 21:41	25°♑59'40	0°35'39
superior conj	-1731 May 18 j 11:51	11°♒07'28	0°58'21	max. Earth dist.	-1730 May 03 j 09:09	27°♑02'23	1.32562 AU
minimum elong	-1731 May 18 j 09:37	10°♒55'17	0°57'58		-1730 May 04 j 17:38	0°♒	
max. Earth dist.	-1731 May 19 j 21:21	14°♒08'52	1.33033 AU	evening rise	-1730 May 09 j 23:36	11°♒13'29	
evening rise	-1731 May 25 j 17:51	26°♒29'02			-1730 May 19 j 17:13	0°♓	
	-1731 May 27 j 11:43	0°♓		desc. node	-1730 Jun 09 j 08:15	28°♓34'54	
	-1731 Jun 13 j 20:35	0°♓		evening max el	-1730 Jun 09 j 12:01	28°♓43'55	26°53'09
desc. node	-1731 Jun 22 j 11:14	11°♓19'36			-1730 Jun 10 j 21:10	0°♓	
evening max el	-1731 Jun 27 j 07:40	16°♓28'28	27°22'51	retrograde	-1730 Jun 23 j 11:17	6°♓01'54	
retrograde	-1731 Jul 11 j 02:26	23°♓48'31		evening set	-1730 Jun 30 j 07:30	3°♓58'09	
evening set	-1731 Jul 18 j 06:47	21°♓17'21		min. Earth dist.	-1730 Jul 04 j 01:37	1°♓17'26	0.60766 AU
min. Earth dist.	-1731 Jul 21 j 20:39	18°♓19'51	0.62718 AU		-1730 Jul 05 j 14:42	30°♓♓	
inferior conj	-1731 Jul 24 j 17:35	15°♓33'31	-4°01'03	inferior conj	-1730 Jul 07 j 08:22	28°♓30'45	-4°27'57
minimum elong	-1731 Jul 24 j 21:38	15°♓23'43	4°00'14	minimum elong	-1730 Jul 07 j 10:40	28°♓25'50	4°27'43
morning rise	-1731 Jul 31 j 13:39	10°♓25'37		morning rise	-1730 Jul 14 j 15:37	23°♓44'27	
direct	-1731 Aug 03 j 03:04	9°♓55'31		direct	-1730 Jul 17 j 03:52	23°♓19'39	
asc. node	-1731 Aug 08 j 13:56	12°♓13'54		morning max el	-1730 Jul 24 j 08:01	26°♓50'52	18°05'46
morning max el	-1731 Aug 09 j 19:17	13°♓20'24	17°54'32	asc. node	-1730 Jul 26 j 11:00	29°♓09'24	
	-1731 Aug 21 j 03:56	0°♓			-1730 Jul 27 j 03:19	0°♓	
morning set	-1731 Aug 26 j 03:44	8°♓49'43		morning set	-1730 Aug 09 j 06:46	22°♓03'44	

	-1730 Aug 13 j 13:19	0°♈			-1729 Jul 20 j 20:07	0°♋	
				morning set	-1729 Jul 23 j 22:07	5°♋54'37	
superior conj	-1730 Aug 19 j 05:06	10°♈16'06	1°35'52				
minimum elong	-1730 Aug 19 j 08:48	10°♈32'33	1°35'37	superior conj	-1729 Aug 01 j 18:39	22°♋55'15	1°46'41
max. Earth dist.	-1730 Aug 26 j 19:33	23°♈24'07	1.41613 AU	minimum elong	-1729 Aug 01 j 19:57	23°♋01'20	1°46'41
	-1730 Aug 30 j 19:26	0°♉			-1729 Aug 05 j 14:49	0°♈	
evening rise	-1730 Sep 01 j 10:08	2°♉36'29		max. Earth dist.	-1729 Aug 08 j 23:11	5°♈58'12	1.39666 AU
desc. node	-1730 Sep 05 j 07:36	8°♉47'05		evening rise	-1729 Aug 13 j 03:18	13°♈08'45	
	-1730 Sep 19 j 12:51	0°♊		desc. node	-1729 Aug 23 j 04:36	29°♈20'32	
evening max el	-1730 Oct 04 j 17:26	19°♊12'44	22°34'02		-1729 Aug 23 j 14:53	0°♉	
retrograde	-1730 Oct 14 j 11:05	24°♊59'58			-1729 Sep 14 j 16:50	0°♊	
evening set	-1730 Oct 19 j 02:08	23°♊07'12		evening max el	-1729 Sep 17 j 06:25	2°♊42'20	23°54'31
asc. node	-1730 Oct 22 j 10:10	19°♊30'25		retrograde	-1729 Sep 28 j 02:59	9°♊06'07	
inferior conj	-1730 Oct 24 j 10:04	16°♊48'23	0°41'03	evening set	-1729 Oct 03 j 08:06	6°♊54'47	
minimum elong	-1730 Oct 24 j 09:07	16°♊51'39	0°40'39	min. Earth dist.	-1729 Oct 08 j 03:56	1°♊17'15	0.67454 AU
min. Earth dist.	-1730 Oct 24 j 07:36	16°♊56'55	0.67550 AU	inferior conj	-1729 Oct 08 j 16:39	0°♊34'02	-0°12'34
morning rise	-1730 Oct 29 j 16:01	10°♊36'09		minimum elong	-1729 Oct 08 j 16:57	0°♊33'01	0°12'27
direct	-1730 Nov 03 j 04:33	8°♊45'54		transit middle	-1729 Oct 08 j 16:57	0°♊33'01	0°12'27
morning max el	-1730 Nov 12 j 12:04	14°♊16'43	22°08'13	transit begin	-1729 Oct 08 j 15:11	0°♊39'00	
	-1730 Nov 25 j 01:44	0°♋		transit end	-1729 Oct 08 j 18:42	0°♊27'03	
desc. node	-1730 Dec 02 j 06:59	10°♋25'39		asc. node	-1729 Oct 09 j 07:13	29°♋44'40	
	-1730 Dec 14 j 23:12	0°♌			-1729 Oct 09 j 02:40	30°♋	
morning set	-1730 Dec 15 j 09:49	0°♌42'44		morning rise	-1729 Oct 14 j 01:46	24°♋26'13	
max. Earth dist.	-1730 Dec 21 j 05:35	10°♌16'50	1.41094 AU	direct	-1729 Oct 18 j 00:49	22°♋57'17	
				morning max el	-1729 Oct 26 j 06:31	27°♋46'04	20°49'10
superior conj	-1730 Dec 28 j 23:23	23°♌38'35	-1°58'58		-1729 Oct 28 j 08:01	0°♊	
minimum elong	-1730 Dec 28 j 22:57	23°♌36'37	1°59'00		-1729 Nov 18 j 15:57	0°♋	
	-1729 Jan 01 j 12:14	0°♍		desc. node	-1729 Nov 19 j 03:59	0°♋45'53	
evening rise	-1729 Jan 08 j 07:40	12°♍35'05		morning set	-1729 Nov 24 j 13:34	9°♋05'31	
asc. node	-1729 Jan 18 j 09:27	0°♎28'36		max. Earth dist.	-1729 Dec 03 j 10:26	23°♋10'56	1.42915 AU
	-1729 Jan 18 j 02:15	0°♎			-1729 Dec 07 j 14:13	0°♌	
evening max el	-1729 Jan 24 j 15:13	8°♎38'12	18°15'15				
retrograde	-1729 Jan 31 j 16:41	12°♎10'12		superior conj	-1729 Dec 10 j 03:47	4°♌17'08	-1°49'57
evening set	-1729 Feb 03 j 06:36	11°♎42'50		minimum elong	-1729 Dec 09 j 23:02	3°♌57'11	1°49'42
inferior conj	-1729 Feb 10 j 06:45	6°♎58'14	3°46'38	evening rise	-1729 Dec 22 j 01:32	24°♌57'59	
minimum elong	-1729 Feb 10 j 08:47	6°♎53'48	3°46'25		-1729 Dec 24 j 21:31	0°♍	
min. Earth dist.	-1729 Feb 13 j 15:12	4°♎03'12	0.59888 AU	asc. node	-1728 Jan 05 j 06:29	18°♍27'37	
morning rise	-1729 Feb 17 j 08:59	1°♎20'32		evening max el	-1728 Jan 08 j 02:32	21°♍44'53	18°07'59
	-1729 Feb 20 j 05:16	30°♎		retrograde	-1728 Jan 14 j 16:56	25°♍11'04	
direct	-1729 Feb 23 j 22:39	29°♍21'41		evening set	-1728 Jan 17 j 10:46	24°♍35'06	
	-1729 Feb 27 j 18:39	0°♏		inferior conj	-1728 Jan 23 j 22:07	19°♍29'30	3°55'58
desc. node	-1729 Feb 28 j 06:10	0°♏09'55		minimum elong	-1728 Jan 23 j 21:44	19°♍30'27	3°55'55
morning max el	-1729 Mar 10 j 04:57	7°♏04'50	27°17'13	min. Earth dist.	-1728 Jan 26 j 20:33	16°♍33'52	0.61928 AU
	-1729 Mar 27 j 11:10	0°♐		morning rise	-1728 Jan 30 j 07:32	13°♍37'31	
morning set	-1729 Apr 10 j 07:48	25°♐48'00		direct	-1728 Feb 06 j 07:29	11°♍06'37	
	-1729 Apr 12 j 07:46	0°♑		desc. node	-1728 Feb 15 j 03:12	14°♍28'11	
asc. node	-1729 Apr 16 j 08:48	8°♑44'05		morning max el	-1728 Feb 20 j 08:23	18°♍55'13	27°44'20
					-1728 Feb 29 j 18:13	0°♏	
superior conj	-1729 Apr 17 j 10:54	11°♑06'57	0°11'29		-1728 Mar 19 j 05:54	0°♐	
minimum elong	-1729 Apr 17 j 10:23	11°♑04'08	0°11'22	morning set	-1728 Mar 24 j 12:13	10°♐21'05	
behind sun begin	-1729 Apr 17 j 06:53	10°♑44'56		max. Earth dist.	-1728 Mar 30 j 08:47	22°♐41'02	1.32686 AU
behind sun end	-1729 Apr 17 j 13:53	11°♑23'20					
max. Earth dist.	-1729 Apr 16 j 22:13	9°♑57'28	1.32441 AU	superior conj	-1728 Mar 31 j 21:17	25°♐58'44	-0°14'16
evening rise	-1729 Apr 24 j 09:12	26°♑07'07		minimum elong	-1728 Mar 31 j 21:57	26°♐02'20	0°14'08
	-1729 Apr 26 j 06:00	0°♒		behind sun begin	-1728 Mar 31 j 19:37	25°♐49'40	
	-1729 May 13 j 15:39	0°♓		behind sun end	-1728 Apr 01 j 00:17	26°♐15'00	
evening max el	-1729 May 22 j 09:46	10°♓14'41	25°52'10	asc. node	-1728 Apr 02 j 05:50	28°♐55'48	
desc. node	-1729 May 27 j 05:17	14°♓11'52			-1728 Apr 02 j 17:37	0°♑	
retrograde	-1729 Jun 05 j 11:33	17°♓28'49		evening rise	-1728 Apr 07 j 20:42	11°♑03'10	
evening set	-1729 Jun 11 j 10:45	16°♓02'50			-1728 Apr 17 j 14:34	0°♒	
min. Earth dist.	-1729 Jun 15 j 22:14	13°♓21'14	0.58710 AU	evening max el	-1728 May 03 j 02:10	21°♒08'19	24°27'45
inferior conj	-1729 Jun 19 j 05:56	10°♓54'53	-4°32'12	desc. node	-1728 May 13 j 02:20	27°♒34'44	
minimum elong	-1729 Jun 19 j 04:43	10°♓57'07	4°32'08	retrograde	-1728 May 17 j 00:36	28°♒10'08	
morning rise	-1729 Jun 27 j 01:16	6°♓30'50		evening set	-1728 May 21 j 16:01	27°♒21'41	
direct	-1729 Jun 29 j 13:36	6°♓10'04		min. Earth dist.	-1728 May 27 j 13:54	24°♒23'14	0.56853 AU
morning max el	-1729 Jul 07 j 15:19	9°♓59'31	18°36'58	inferior conj	-1728 May 30 j 07:39	22°♒38'02	-4°02'15
asc. node	-1729 Jul 13 j 08:03	17°♓01'48		minimum elong	-1728 May 30 j 02:21	22°♒46'34	4°01'20

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning rise	-1728 Jun 07 j 15:39	18° ♁ 32'51		morning rise	-1727 May 18 j 08:06	30° ♁ Υ	
direct	-1728 Jun 10 j 04:55	18° ♁ 14'58		morning rise	-1727 May 19 j 10:25	29° ♁ 43'53	
morning max el	-1728 Jun 19 j 14:15	22° ♁ 36'37	19°28'54	direct	-1727 May 22 j 02:31	29° ♁ 27'01	
	-1728 Jun 25 j 16:41	0° ♁			-1727 May 25 j 17:40	0° ♁	
asc. node	-1728 Jun 29 j 05:06	5° ♁ 38'03		morning max el	-1727 Jun 02 j 02:40	4° ♁ 34'10	20°41'12
morning set	-1728 Jul 06 j 22:12	20° ♁ 13'01		asc. node	-1727 Jun 16 j 02:10	24° ♁ 47'46	
	-1728 Jul 11 j 19:06	0° ♁			-1727 Jun 18 j 18:31	0° ♁	
				morning set	-1727 Jun 21 j 04:18	4° ♁ 51'53	
superior conj	-1728 Jul 15 j 00:39	6° ♁ 24'49	1°47'25	superior conj	-1727 Jun 28 j 18:26	20° ♁ 31'31	1°40'24
minimum elong	-1728 Jul 14 j 23:57	6° ♁ 21'20	1°47'26	minimum elong	-1727 Jun 28 j 16:28	20° ♁ 21'25	1°40'17
max. Earth dist.	-1728 Jul 21 j 01:44	17° ♁ 57'29	1.37702 AU	max. Earth dist.	-1727 Jul 03 j 09:25	29° ♁ 46'47	1.35939 AU
evening rise	-1728 Jul 24 j 21:36	24° ♁ 54'05			-1727 Jul 03 j 12:07	0° ♁	
	-1728 Jul 27 j 19:38	0° ♁		evening rise	-1727 Jul 07 j 12:55	7° ♁ 42'10	
desc. node	-1728 Aug 09 j 01:37	19° ♁ 41'16			-1727 Jul 20 j 12:17	0° ♁	
	-1728 Aug 16 j 05:51	0° ♁		desc. node	-1727 Jul 26 j 22:40	9° ♁ 43'13	
evening max el	-1728 Aug 29 j 17:44	16° ♁ 15'49	25°11'35	evening max el	-1727 Aug 12 j 05:14	29° ♁ 50'55	26°17'21
retrograde	-1728 Sep 10 j 14:37	23° ♁ 08'09			-1727 Aug 12 j 08:59	0° ♁	
evening set	-1728 Sep 16 j 10:35	20° ♁ 39'39		retrograde	-1727 Aug 24 j 21:25	7° ♁ 01'22	
min. Earth dist.	-1728 Sep 20 j 21:54	15° ♁ 37'23	0.67051 AU	evening set	-1727 Aug 31 j 07:40	4° ♁ 19'48	
inferior conj	-1728 Sep 21 j 21:17	14° ♁ 20'53	-1°07'20		-1727 Sep 04 j 09:24	30° ♁	
minimum elong	-1728 Sep 21 j 22:56	14° ♁ 15'30	1°06'38	min. Earth dist.	-1727 Sep 04 j 11:03	29° ♁ 54'57	0.66312 AU
asc. node	-1728 Sep 25 j 04:17	10° ♁ 20'34		inferior conj	-1727 Sep 05 j 22:10	28° ♁ 06'38	-2°01'28
morning rise	-1728 Sep 27 j 11:21	8° ♁ 20'26		minimum elong	-1727 Sep 06 j 01:07	27° ♁ 57'33	2°00'20
direct	-1728 Sep 30 j 22:55	7° ♁ 10'13		morning rise	-1727 Sep 11 j 18:49	22° ♁ 16'52	
morning max el	-1728 Oct 08 j 08:26	11° ♁ 24'34	19°42'17	asc. node	-1727 Sep 12 j 01:19	22° ♁ 07'44	
	-1728 Oct 22 j 04:10	0° ♁		direct	-1727 Sep 14 j 21:11	21° ♁ 22'04	
morning set	-1728 Nov 02 j 11:28	17° ♁ 19'13		morning max el	-1727 Sep 21 j 17:07	25° ♁ 11'14	18°50'22
desc. node	-1728 Nov 05 j 00:59	21° ♁ 18'00			-1727 Sep 25 j 18:31	0° ♁	
	-1728 Nov 10 j 14:33	0° ♁		morning set	-1727 Oct 13 j 03:14	26° ♁ 31'23	
max. Earth dist.	-1728 Nov 14 j 22:39	6° ♁ 51'09	1.44240 AU		-1727 Oct 15 j 07:55	0° ♁	
				desc. node	-1727 Oct 22 j 22:02	11° ♁ 58'29	
superior conj	-1728 Nov 19 j 04:55	13° ♁ 39'59	-1°23'32	max. Earth dist.	-1727 Oct 28 j 16:05	21° ♁ 01'37	1.44898 AU
minimum elong	-1728 Nov 18 j 21:11	13° ♁ 08'51	1°22'47				
	-1728 Nov 29 j 03:54	0° ♁		superior conj	-1727 Oct 29 j 08:55	22° ♁ 07'51	-0°40'54
evening rise	-1728 Dec 03 j 00:12	6° ♁ 27'48		minimum elong	-1727 Oct 29 j 03:40	21° ♁ 47'10	0°40'15
	-1728 Dec 17 j 12:08	0° ♁			-1727 Nov 03 j 08:34	0° ♁	
evening max el	-1728 Dec 21 j 15:08	5° ♁ 02'49	18°19'43	evening rise	-1727 Nov 13 j 23:51	16° ♁ 59'00	
asc. node	-1728 Dec 22 j 03:32	5° ♁ 33'21			-1727 Nov 22 j 01:51	0° ♁	
retrograde	-1728 Dec 28 j 03:40	8° ♁ 35'24		evening max el	-1727 Dec 05 j 02:25	18° ♁ 27'00	18°49'24
evening set	-1728 Dec 31 j 01:49	7° ♁ 49'42		asc. node	-1727 Dec 09 j 00:35	21° ♁ 31'58	
inferior conj	-1727 Jan 06 j 03:24	2° ♁ 24'19	3°44'39	retrograde	-1727 Dec 11 j 21:00	22° ♁ 16'21	
minimum elong	-1727 Jan 06 j 01:21	2° ♁ 30'03	3°44'22	evening set	-1727 Dec 15 j 00:37	21° ♁ 19'35	
	-1727 Jan 08 j 06:56	30° ♁		inferior conj	-1727 Dec 20 j 18:58	15° ♁ 36'44	3°18'53
min. Earth dist.	-1727 Jan 08 j 11:15	29° ♁ 48'12	0.63751 AU	minimum elong	-1727 Dec 20 j 16:08	15° ♁ 45'26	3°18'14
morning rise	-1727 Jan 12 j 00:17	26° ♁ 23'04		min. Earth dist.	-1727 Dec 22 j 11:41	13° ♁ 32'14	0.65229 AU
direct	-1727 Jan 18 j 24:00	23° ♁ 34'21		morning rise	-1727 Dec 26 j 07:20	9° ♁ 28'56	
	-1727 Jan 31 j 06:03	0° ♁		direct	-1726 Jan 01 j 23:04	6° ♁ 37'31	
desc. node	-1727 Feb 01 j 00:15	0° ♁		morning max el	-1726 Jan 15 j 01:44	14° ♁ 15'20	26°53'13
morning max el	-1727 Feb 01 j 16:06	1° ♁ 21'45	27°35'02	desc. node	-1726 Jan 18 j 21:18	18° ♁ 21'54	
	-1727 Feb 22 j 21:26	0° ♁			-1726 Jan 27 j 22:39	0° ♁	
morning set	-1727 Mar 08 j 09:40	24° ♁ 29'11			-1726 Feb 15 j 13:39	0° ♁	
	-1727 Mar 11 j 03:13	0° ♁		morning set	-1726 Feb 19 j 20:52	8° ♁ 01'49	
max. Earth dist.	-1727 Mar 13 j 13:02	5° ♁ 00'02	1.33322 AU	max. Earth dist.	-1726 Feb 24 j 07:26	16° ♁ 45'42	1.34391 AU
superior conj	-1727 Mar 16 j 04:36	10° ♁ 36'53	-0°40'20	superior conj	-1726 Feb 28 j 06:45	24° ♁ 54'28	-1°05'35
minimum elong	-1727 Mar 16 j 06:28	10° ♁ 46'53	0°39'57	minimum elong	-1726 Feb 28 j 09:40	25° ♁ 09'41	1°05'05
asc. node	-1727 Mar 20 j 02:53	19° ♁ 03'04			-1726 Mar 02 j 17:04	0° ♁	
evening rise	-1727 Mar 23 j 08:16	25° ♁ 54'57		asc. node	-1726 Mar 06 j 23:56	9° ♁ 01'17	
	-1727 Mar 25 j 07:26	0° ♁		evening rise	-1726 Mar 07 j 18:06	10° ♁ 35'51	
	-1727 Apr 12 j 23:58	0° ♁			-1726 Mar 17 j 23:54	0° ♁	
evening max el	-1727 Apr 14 j 17:57	1° ♁ 46'49	22°53'14	evening max el	-1726 Mar 27 j 15:33	12° ♁ 37'29	21°22'31
retrograde	-1727 Apr 28 j 00:35	8° ♁ 20'11		retrograde	-1726 Apr 08 j 15:08	18° ♁ 25'20	
desc. node	-1727 Apr 29 j 23:23	8° ♁ 11'45		evening set	-1726 Apr 11 j 01:23	18° ♁ 11'52	
evening set	-1727 May 01 j 07:35	7° ♁ 56'30		desc. node	-1726 Apr 16 j 20:26	16° ♁ 07'02	
min. Earth dist.	-1727 May 09 j 03:23	4° ♁ 29'45	0.55542 AU	inferior conj	-1726 Apr 20 j 09:49	14° ♁ 11'34	-1°00'12
inferior conj	-1727 May 10 j 14:25	3° ♁ 39'15	-2°49'22	minimum elong	-1726 Apr 20 j 06:59	14° ♁ 15'33	0°59'12
minimum elong	-1727 May 10 j 07:51	3° ♁ 48'43	2°47'28				

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Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

min. Earth dist.	-1726 Apr 20 j 16:36	14° Υ 02'02	0.55060 AU	minimum elong	-1725 Mar 31 j 10:18	24° H 40'34	0°56'01
morning rise	-1726 Apr 29 j 12:56	10° Υ 09'42		min. Earth dist.	-1725 Apr 02 j 06:47	23° H 33'40	0.55529 AU
direct	-1726 May 02 j 13:51	9° Υ 49'35		desc. node	-1725 Apr 03 j 17:29	22° H 43'30	
morning max el	-1726 May 15 j 04:19	15° Υ 49'26	22°10'55	morning rise	-1725 Apr 09 j 07:27	20° H 17'26	
	-1726 May 26 j 03:23	0° B		direct	-1725 Apr 13 j 04:14	19° H 44'37	
asc. node	-1726 Jun 02 j 23:14	14° B 21'52		morning max el	-1725 Apr 26 j 21:55	26° H 32'21	23°50'24
morning set	-1726 Jun 05 j 14:09	19° B 43'49			-1725 Apr 30 j 05:25	0° Υ	
	-1726 Jun 10 j 10:54	0° II			-1725 May 18 j 19:12	0° B	
				asc. node	-1725 May 20 j 20:19	4° B 13'37	
superior conj	-1726 Jun 12 j 20:19	5° II 03'40	1°27'28	morning set	-1725 May 21 j 01:54	4° B 42'52	
minimum elong	-1726 Jun 12 j 17:47	4° II 50'21	1°27'11				
max. Earth dist.	-1726 Jun 16 j 02:03	11° II 48'02	1.34509 AU	superior conj	-1725 May 28 j 03:31	19° B 52'32	1°10'01
evening rise	-1726 Jun 20 j 20:02	21° II 17'54		minimum elong	-1725 May 28 j 01:02	19° B 39'09	1°09'38
	-1726 Jun 25 j 10:51	0° B		max. Earth dist.	-1725 May 30 j 03:57	24° B 11'45	1.33460 AU
desc. node	-1726 Jul 13 j 19:43	29° B 17'14			-1725 Jun 01 j 22:12	0° II	
	-1726 Jul 14 j 08:20	0° Q		evening rise	-1725 Jun 04 j 14:33	5° II 28'41	
evening max el	-1726 Jul 25 j 16:53	13° Q 18'24	27°04'04		-1725 Jun 18 j 02:05	0° B	
retrograde	-1726 Aug 07 j 22:56	20° Q 37'52		desc. node	-1725 Jun 30 j 16:43	18° B 11'26	
evening set	-1726 Aug 14 j 20:52	17° Q 50'44		evening max el	-1725 Jul 08 j 03:29	26° B 27'17	27°24'46
min. Earth dist.	-1726 Aug 18 j 17:01	14° Q 03'38	0.65206 AU		-1725 Jul 12 j 07:21	0° Q	
inferior conj	-1726 Aug 20 j 17:07	11° Q 46'33	-2°52'59	retrograde	-1725 Jul 21 j 18:51	3° Q 49'03	
minimum elong	-1726 Aug 20 j 21:05	11° Q 35'14	2°51'40	evening set	-1725 Jul 28 j 23:04	1° Q 07'54	
morning rise	-1726 Aug 26 j 21:52	6° Q 10'42			-1725 Jul 30 j 08:42	30° R B	
direct	-1726 Aug 29 j 17:18	5° Q 27'56		min. Earth dist.	-1725 Aug 01 j 13:56	27° B 54'45	0.63725 AU
asc. node	-1726 Aug 29 j 22:24	5° Q 28'11		inferior conj	-1725 Aug 04 j 03:37	25° B 15'35	-3°38'52
morning max el	-1726 Sep 05 j 06:28	9° Q 01'04	18°14'52	minimum elong	-1725 Aug 04 j 07:57	25° B 04'22	3°37'46
	-1726 Sep 19 j 15:45	0° P		morning rise	-1725 Aug 10 j 17:47	19° B 56'47	
morning set	-1726 Sep 23 j 22:49	7° P 05'37		direct	-1725 Aug 13 j 08:39	19° B 22'57	
				asc. node	-1725 Aug 16 j 19:29	20° B 22'09	
superior conj	-1726 Oct 08 j 10:52	0° B 35'42	0°08'43	morning max el	-1725 Aug 19 j 21:49	22° B 48'32	17°56'41
minimum elong	-1726 Oct 08 j 11:58	0° B 40'04	0°08'34		-1725 Aug 25 j 12:53	0° Q	
behind sun begin	-1726 Oct 08 j 02:31	0° B 02'32		morning set	-1725 Sep 05 j 20:21	18° Q 54'08	
behind sun end	-1726 Oct 08 j 21:25	1° B 17'35			-1725 Sep 12 j 07:32	0° P	
	-1726 Oct 08 j 01:53	0° B					
desc. node	-1726 Oct 09 j 19:05	2° B 43'25		superior conj	-1725 Sep 18 j 07:38	10° P 01'24	0°52'46
max. Earth dist.	-1726 Oct 11 j 10:53	5° B 20'38	1.44811 AU	minimum elong	-1725 Sep 18 j 12:40	10° P 22'04	0°52'08
evening rise	-1726 Oct 24 j 23:45	26° B 31'39		max. Earth dist.	-1725 Sep 24 j 03:21	19° P 27'42	1.44013 AU
	-1726 Oct 27 j 05:17	0° M		desc. node	-1725 Sep 26 j 16:06	23° P 29'22	
greatest brilliancy	-1726 Nov 05 j 22:23	14° M 59'03	-0.7m		-1725 Sep 30 j 19:33	0° B	
	-1726 Nov 16 j 16:52	0° P		evening rise	-1725 Oct 04 j 07:17	5° B 24'48	
evening max el	-1726 Nov 18 j 10:06	1° P 53'49	19°35'46		-1725 Oct 20 j 15:52	0° M	
retrograde	-1726 Nov 25 j 17:44	6° P 08'52		evening max el	-1725 Nov 01 j 12:29	15° M 20'47	20°36'45
asc. node	-1726 Nov 25 j 21:36	6° P 08'43		retrograde	-1725 Nov 09 j 15:16	20° M 08'32	
evening set	-1726 Nov 29 j 04:32	4° P 59'13		asc. node	-1725 Nov 12 j 18:38	19° M 11'57	
	-1726 Dec 03 j 23:54	30° R M		evening set	-1725 Nov 13 j 11:19	18° M 43'50	
inferior conj	-1726 Dec 04 j 17:48	29° M 01'56	2°42'55	inferior conj	-1725 Nov 18 j 21:18	12° M 35'33	1°59'32
minimum elong	-1726 Dec 04 j 14:53	29° M 11'26	2°42'01	minimum elong	-1725 Nov 18 j 18:52	12° M 43'50	1°58'37
min. Earth dist.	-1726 Dec 05 j 20:37	27° M 34'23	0.66326 AU	min. Earth dist.	-1725 Nov 19 j 11:54	11° M 45'57	0.67062 AU
morning rise	-1726 Dec 10 j 01:01	22° M 49'50		morning rise	-1725 Nov 24 j 02:12	6° M 21'24	
direct	-1726 Dec 16 j 04:06	20° M 07'44		direct	-1725 Nov 29 j 14:28	3° M 56'36	
morning max el	-1726 Dec 28 j 11:08	27° M 24'10	25°46'33	morning max el	-1725 Dec 10 j 19:36	10° M 38'00	24°24'32
	-1726 Dec 30 j 22:09	0° P		desc. node	-1725 Dec 23 j 15:25	26° M 20'48	
desc. node	-1725 Jan 05 j 18:23	7° P 00'33			-1725 Dec 26 j 05:53	0° P	
	-1725 Jan 21 j 14:47	0° B			-1724 Jan 14 j 07:56	0° B	
morning set	-1725 Feb 02 j 17:28	20° B 46'23		morning set	-1724 Jan 15 j 17:37	2° B 25'50	
max. Earth dist.	-1725 Feb 06 j 14:02	27° B 59'58	1.35910 AU	max. Earth dist.	-1724 Jan 19 j 11:08	9° B 03'23	1.37815 AU
	-1725 Feb 07 j 15:00	0° B					
				superior conj	-1724 Jan 26 j 08:28	21° B 55'51	-1°46'46
superior conj	-1725 Feb 12 j 01:11	8° B 44'06	-1°28'26	minimum elong	-1724 Jan 26 j 11:41	22° B 11'20	1°46'33
minimum elong	-1725 Feb 12 j 04:42	9° B 01'49	1°28'00		-1724 Jan 30 j 11:36	0° B	
evening rise	-1725 Feb 20 j 00:13	24° B 59'39		evening rise	-1724 Feb 04 j 00:14	8° B 58'55	
asc. node	-1725 Feb 21 j 20:59	28° B 45'46		asc. node	-1724 Feb 08 j 18:00	18° B 10'23	
	-1725 Feb 22 j 11:53	0° H			-1724 Feb 15 j 18:26	0° H	
evening max el	-1725 Mar 09 j 23:27	24° H 00'48	20°05'32	evening max el	-1724 Feb 20 j 18:07	6° H 01'15	19°07'00
retrograde	-1725 Mar 20 j 06:48	28° H 56'12		retrograde	-1724 Feb 29 j 11:00	10° H 11'39	
evening set	-1725 Mar 22 j 11:10	28° H 43'55		evening set	-1724 Mar 02 j 18:12	9° H 55'26	
inferior conj	-1725 Mar 31 j 07:50	24° H 44'16	0°56'51	inferior conj	-1724 Mar 10 j 20:57	5° H 43'04	2°30'52

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1724 Mar 11 j 01:36	5° H 35'02	2°29'38	inferior conj	-1723 Feb 20 j 06:38	17° \approx 19'50	3°28'49
min. Earth dist.	-1724 Mar 13 j 22:21	3° H 37'27	0.56846 AU	minimum elong	-1723 Feb 20 j 10:04	17° \approx 12'57	3°28'14
morning rise	-1724 Mar 19 j 06:05	0° H 44'14		min. Earth dist.	-1723 Feb 23 j 16:45	14° \approx 36'14	0.58716 AU
desc. node	-1724 Mar 20 j 14:32	0° H 16'48		morning rise	-1723 Feb 27 j 20:07	11° \approx 54'10	
	-1724 Mar 21 j 17:57	30° R		direct	-1723 Mar 05 j 23:13	10° \approx 17'16	
direct	-1724 Mar 24 j 07:05	29° \approx 44'34		desc. node	-1723 Mar 07 j 11:35	10° \approx 23'08	
	-1724 Mar 26 j 20:22	0° H		morning max el	-1723 Mar 20 j 06:26	17° \approx 53'55	26°45'24
morning max el	-1724 Apr 07 j 12:43	7° H 04'30	25°26'58		-1723 Mar 30 j 08:27	0° H	
	-1724 Apr 24 j 08:43	0° Y			-1723 Apr 16 j 18:28	0° Y	
morning set	-1724 May 04 j 13:52	19° Y 42'42		morning set	-1723 Apr 19 j 00:22	4° Y 37'30	
asc. node	-1724 May 06 j 17:22	24° Y 16'45		asc. node	-1723 Apr 23 j 14:24	14° Y 26'33	
	-1724 May 09 j 08:42	0° B					
superior conj	-1724 May 11 j 13:53	4° B 50'15	0°49'09	superior conj	-1723 Apr 26 j 01:33	19° Y 50'19	0°25'46
minimum elong	-1724 May 11 j 11:54	4° B 39'27	0°48'48	minimum elong	-1723 Apr 26 j 00:25	19° Y 44'10	0°25'33
max. Earth dist.	-1724 May 12 j 12:55	6° B 55'50	1.32784 AU	max. Earth dist.	-1723 Apr 26 j 01:39	19° Y 50'52	1.32468 AU
evening rise	-1724 May 18 j 16:59	20° B 03'10		evening rise	-1723 Apr 30 j 17:31	0° B	
	-1724 May 23 j 17:09	0° II			-1723 May 03 j 00:37	4° B 52'12	
	-1724 Jun 11 j 09:35	0° E			-1723 May 16 j 10:59	0° II	
desc. node	-1724 Jun 16 j 13:44	6° E 09'16		evening max el	-1723 Jun 01 j 12:52	21° II 02'56	26°30'52
evening max el	-1724 Jun 19 j 10:58	9° E 05'51	27°14'20	desc. node	-1723 Jun 03 j 10:46	22° II 46'38	
retrograde	-1724 Jul 03 j 08:19	16° E 25'45		retrograde	-1723 Jun 15 j 13:36	28° II 19'06	
evening set	-1724 Jul 10 j 10:25	14° E 04'41		evening set	-1723 Jun 22 j 02:21	26° II 31'02	
min. Earth dist.	-1724 Jul 14 j 00:52	11° E 16'04	0.61908 AU	min. Earth dist.	-1723 Jun 26 j 02:08	23° II 51'55	0.59883 AU
inferior conj	-1724 Jul 17 j 02:38	8° E 27'12	-4°14'38	inferior conj	-1723 Jun 29 j 10:31	21° II 11'33	-4°33'14
minimum elong	-1724 Jul 17 j 06:09	8° E 19'05	4°14'04	minimum elong	-1723 Jun 29 j 11:32	21° II 09'30	4°33'10
morning rise	-1724 Jul 24 j 03:20	3° E 28'11		morning rise	-1723 Jul 06 j 22:45	16° II 34'26	
direct	-1724 Jul 26 j 15:53	3° E 00'40		direct	-1723 Jul 09 j 10:57	16° II 11'25	
morning max el	-1724 Aug 02 j 12:20	6° E 27'24	17°56'53	morning max el	-1723 Jul 16 j 23:02	19° II 49'04	18°16'32
asc. node	-1724 Aug 02 j 16:34	6° E 37'51		asc. node	-1723 Jul 20 j 13:38	23° II 59'02	
	-1724 Aug 17 j 15:52	0° Q			-1723 Jul 24 j 13:32	0° E	
morning set	-1724 Aug 18 j 14:18	1° Q 41'46		morning set	-1723 Aug 01 j 23:09	15° E 13'04	
					-1723 Aug 09 j 19:56	0° Q	
superior conj	-1724 Aug 29 j 07:51	20° Q 48'47	1°24'04	superior conj	-1723 Aug 11 j 09:22	2° Q 51'23	1°41'51
minimum elong	-1724 Aug 29 j 12:43	21° Q 09'45	1°23'37	minimum elong	-1723 Aug 11 j 12:03	3° Q 03'35	1°41'44
	-1724 Sep 03 j 17:56	0° P		max. Earth dist.	-1723 Aug 18 j 22:23	16° Q 09'42	1.40808 AU
max. Earth dist.	-1724 Sep 05 j 15:29	3° P 08'14	1.42618 AU	evening rise	-1723 Aug 23 j 18:46	24° Q 16'24	
evening rise	-1724 Sep 12 j 15:56	14° P 24'46			-1723 Aug 27 j 07:50	0° P	
desc. node	-1724 Sep 12 j 13:05	14° P 13'36		desc. node	-1723 Aug 30 j 10:06	4° P 52'11	
	-1724 Sep 22 j 20:17	0° A			-1723 Sep 16 j 17:47	0° A	
evening max el	-1724 Oct 14 j 09:02	28° A 48'20	21°49'06	evening max el	-1723 Sep 27 j 00:20	12° A 16'52	23°08'14
	-1724 Oct 15 j 14:20	0° M		retrograde	-1723 Oct 07 j 05:19	18° A 19'32	
retrograde	-1724 Oct 23 j 11:37	4° M 13'07		evening set	-1723 Oct 12 j 02:15	16° A 18'54	
evening set	-1724 Oct 27 j 19:09	2° M 31'12		asc. node	-1723 Oct 16 j 12:45	11° A 12'56	
asc. node	-1724 Oct 29 j 15:41	0° M 44'35		inferior conj	-1723 Oct 17 j 10:18	9° A 59'05	0°18'34
	-1724 Oct 30 j 07:12	30° R A		minimum elong	-1723 Oct 17 j 09:52	10° A 00'35	0°18'22
inferior conj	-1724 Nov 02 j 03:25	26° A 15'24	1°10'51	min. Earth dist.	-1723 Oct 17 j 03:31	10° A 22'24	0.67555 AU
minimum elong	-1724 Nov 02 j 01:51	26° A 20'50	1°10'11	morning rise	-1723 Oct 22 j 17:23	3° A 48'29	
min. Earth dist.	-1724 Nov 02 j 07:01	26° A 02'57	0.67466 AU	direct	-1723 Oct 27 j 00:05	2° A 07'22	
morning rise	-1724 Nov 07 j 08:22	20° A 01'42		morning max el	-1723 Nov 04 j 19:47	7° A 18'56	21°33'17
direct	-1724 Nov 12 j 05:28	17° A 58'20			-1723 Nov 22 j 02:37	0° M	
morning max el	-1724 Nov 22 j 05:19	23° A 55'13	22°57'12	desc. node	-1723 Nov 26 j 09:27	6° M 21'48	
	-1724 Nov 27 j 14:15	0° M		morning set	-1723 Dec 06 j 07:49	21° M 41'13	
desc. node	-1724 Dec 09 j 12:26	16° M 10'51			-1723 Dec 11 j 11:56	0° X	
	-1724 Dec 18 j 16:41	0° X		max. Earth dist.	-1723 Dec 13 j 07:27	2° X 58'38	1.41925 AU
morning set	-1724 Dec 26 j 15:09	12° X 44'45					
max. Earth dist.	-1724 Dec 31 j 06:29	20° X 34'17	1.39918 AU	superior conj	-1723 Dec 20 j 19:08	15° X 38'52	-1°57'06
	-1723 Jan 05 j 15:13	0° Z		minimum elong	-1723 Dec 20 j 16:57	15° X 29'25	1°57'04
					-1723 Dec 28 j 20:47	0° Z	
superior conj	-1723 Jan 08 j 00:16	4° Z 18'45	-1°57'37	evening rise	-1723 Dec 31 j 18:08	5° Z 16'02	
minimum elong	-1723 Jan 08 j 01:41	4° Z 25'18	1°57'37	asc. node	-1722 Jan 12 j 12:01	25° Z 32'13	
evening rise	-1723 Jan 17 j 15:22	22° Z 27'00			-1722 Jan 15 j 21:00	0° \approx	
	-1723 Jan 21 j 15:13	0° \approx		evening max el	-1722 Jan 17 j 06:50	1° \approx 30'36	18°09'46
asc. node	-1723 Jan 25 j 15:00	7° \approx 08'41		retrograde	-1722 Jan 24 j 02:12	4° \approx 58'23	
evening max el	-1723 Feb 02 j 21:34	18° \approx 34'04	18°28'22	evening set	-1722 Jan 26 j 17:54	4° \approx 27'20	
retrograde	-1723 Feb 10 j 09:49	22° \approx 15'06			-1722 Feb 02 j 00:41	30° R Z	
evening set	-1723 Feb 12 j 21:36	21° \approx 52'06		inferior conj	-1722 Feb 02 j 12:10	29° Z 33'24	3°53'36

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1722 Feb 02 j 13:07	29° Z 31'12	3°53'31	evening max el	-1722 Dec 31 j 18:58	14° Z 42'33	18°10'39
min. Earth dist.	-1722 Feb 05 j 17:07	26° Z 35'36	0.60773 AU	retrograde	-1721 Jan 07 j 07:38	18° Z 10'27	
morning rise	-1722 Feb 09 j 06:47	23° Z 49'04		evening set	-1721 Jan 10 j 03:09	17° Z 30'30	
direct	-1722 Feb 16 j 02:13	21° Z 35'28		inferior conj	-1721 Jan 16 j 09:58	12° Z 15'59	3°53'17
desc. node	-1722 Feb 22 j 08:38	23° Z 17'27		minimum elong	-1721 Jan 16 j 08:46	12° Z 19'08	3°53'10
morning max el	-1722 Mar 02 j 06:23	29° Z 20'43	27°33'21	min. Earth dist.	-1721 Jan 19 j 02:21	9° Z 26'44	0.62734 AU
	-1722 Mar 02 j 22:09	0° \approx		morning rise	-1721 Jan 22 j 13:30	6° Z 19'23	
	-1722 Mar 24 j 04:54	0° X		direct	-1721 Jan 29 j 14:14	3° Z 39'17	
morning set	-1722 Apr 03 j 07:39	19° X 21'13		desc. node	-1721 Feb 09 j 05:41	8° Z 29'54	
	-1722 Apr 08 j 08:10	0° Y		morning max el	-1721 Feb 12 j 12:13	11° Z 28'25	27°44'51
max. Earth dist.	-1722 Apr 09 j 14:22	2° Y 44'08	1.32503 AU		-1721 Feb 27 j 04:21	0° \approx	
asc. node	-1722 Apr 10 j 11:25	4° Y 39'02			-1721 Mar 16 j 12:18	0° X	
				morning set	-1721 Mar 18 j 09:28	3° X 45'06	
superior conj	-1722 Apr 10 j 12:55	4° Y 47'16	0°00'40	max. Earth dist.	-1721 Mar 23 j 22:56	15° X 19'51	1.32905 AU
minimum elong	-1722 Apr 10 j 12:53	4° Y 47'04	0°00'40				
behind sun begin	-1722 Apr 10 j 07:50	4° Y 19'32		superior conj	-1721 Mar 25 j 22:12	19° X 33'54	-0°25'20
behind sun end	-1722 Apr 10 j 17:55	5° Y 14'36		minimum elong	-1721 Mar 25 j 23:23	19° X 40'16	0°25'06
evening rise	-1722 Apr 17 j 11:19	19° Y 48'18		asc. node	-1721 Mar 28 j 08:26	24° X 49'22	
	-1722 Apr 22 j 11:37	0° Z			-1721 Mar 30 j 17:54	0° Y	
	-1722 May 12 j 02:23	0° II		evening rise	-1721 Apr 01 j 23:03	4° Y 43'21	
evening max el	-1722 May 14 j 08:05	2° II 16'42	25°18'27		-1721 Apr 15 j 14:36	0° Z	
desc. node	-1722 May 21 j 07:48	7° II 31'52		evening max el	-1721 Apr 25 j 23:12	12° Z 59'40	23°47'51
retrograde	-1722 May 28 j 09:02	9° II 26'29		desc. node	-1721 May 08 j 04:51	19° Z 47'18	
evening set	-1722 Jun 02 j 19:55	8° II 17'13		retrograde	-1721 May 09 j 16:46	19° Z 52'25	
min. Earth dist.	-1722 Jun 07 j 20:00	5° II 30'21	0.57878 AU	evening set	-1721 May 13 j 17:49	19° Z 16'13	
inferior conj	-1722 Jun 10 j 23:54	3° II 19'24	-4°24'25	min. Earth dist.	-1721 May 20 j 10:11	16° Z 07'09	0.56208 AU
minimum elong	-1722 Jun 10 j 20:52	3° II 24'41	4°24'06	inferior conj	-1721 May 22 j 17:03	14° Z 43'44	-3°36'43
	-1722 Jun 16 j 10:53	30° K Z		minimum elong	-1721 May 22 j 10:39	14° Z 53'31	3°35'16
morning rise	-1722 Jun 19 j 00:33	29° Z 04'07		morning rise	-1721 May 31 j 06:29	10° Z 44'44	
direct	-1722 Jun 21 j 13:26	28° Z 44'33		direct	-1721 Jun 02 j 20:29	10° Z 27'42	
	-1722 Jun 26 j 08:55	0° II		morning max el	-1721 Jun 12 j 21:50	15° Z 06'51	19°57'20
morning max el	-1722 Jun 30 j 03:06	2° II 45'32	18°56'34		-1721 Jun 23 j 17:35	0° II	
asc. node	-1722 Jul 07 j 10:42	12° II 11'42		asc. node	-1721 Jun 24 j 07:46	1° II 03'09	
morning set	-1722 Jul 16 j 18:39	29° II 17'13		morning set	-1721 Jun 30 j 21:34	13° II 44'54	
	-1722 Jul 17 j 03:22	0° Z					
superior conj	-1722 Jul 25 j 06:38	15° Z 54'17	1°48'05	superior conj	-1721 Jul 08 j 18:11	29° II 41'15	1°45'17
minimum elong	-1722 Jul 25 j 07:00	15° Z 56'02	1°48'07	minimum elong	-1721 Jul 08 j 16:50	29° II 34'34	1°45'15
max. Earth dist.	-1722 Aug 01 j 01:23	28° Z 28'57	1.38821 AU		-1721 Jul 08 j 21:56	0° Z	
	-1722 Aug 01 j 21:46	0° Ω		max. Earth dist.	-1721 Jul 14 j 05:08	10° Z 19'27	1.36912 AU
evening rise	-1722 Aug 04 j 22:57	5° Ω 20'25		evening rise	-1721 Jul 18 j 02:46	17° Z 33'39	
desc. node	-1722 Aug 17 j 07:07	25° Ω 21'06			-1721 Jul 25 j 06:22	0° Ω	
	-1722 Aug 20 j 09:27	0° P		desc. node	-1721 Aug 04 j 04:10	15° Ω 34'46	
evening max el	-1722 Sep 09 j 12:20	25° P 48'15	24°28'03		-1721 Aug 14 j 16:19	0° P	
	-1722 Sep 14 j 10:24	0° Z		evening max el	-1721 Aug 22 j 23:23	9° P 22'18	25°41'21
retrograde	-1722 Sep 20 j 19:26	2° Z 24'55		retrograde	-1721 Sep 04 j 05:16	16° P 24'20	
evening set	-1722 Sep 26 j 06:59	0° Z 05'44		evening set	-1721 Sep 10 j 07:30	13° P 49'18	
	-1722 Sep 26 j 09:37	30° K P		min. Earth dist.	-1721 Sep 14 j 15:15	9° P 02'54	0.66775 AU
min. Earth dist.	-1722 Sep 30 j 23:03	24° P 43'11	0.67330 AU	inferior conj	-1721 Sep 15 j 19:34	7° P 32'17	-1°30'30
inferior conj	-1722 Oct 01 j 16:17	23° P 45'27	-0°35'45	minimum elong	-1721 Sep 15 j 21:47	7° P 25'12	1°29'35
minimum elong	-1722 Oct 01 j 17:09	23° P 42'33	0°35'23	asc. node	-1721 Sep 20 j 06:55	2° P 30'49	
asc. node	-1722 Oct 03 j 09:50	21° P 29'14		morning rise	-1721 Sep 21 j 12:16	1° P 36'10	
morning rise	-1722 Oct 07 j 03:19	17° P 40'41		direct	-1721 Sep 24 j 19:32	0° P 33'08	
direct	-1722 Oct 10 j 21:15	16° P 20'09		morning max el	-1721 Oct 01 j 22:37	4° P 35'54	19°18'18
morning max el	-1722 Oct 18 j 17:30	20° P 52'47	20°19'03		-1721 Oct 19 j 23:42	0° Z	
	-1722 Oct 26 j 04:27	0° Z		morning set	-1721 Oct 25 j 09:22	8° Z 24'45	
desc. node	-1722 Nov 13 j 06:28	26° Z 47'49		desc. node	-1721 Oct 31 j 03:31	17° Z 24'22	
morning set	-1722 Nov 15 j 06:06	29° Z 51'43			-1721 Nov 08 j 03:55	0° P	
	-1722 Nov 15 j 08:15	0° P		max. Earth dist.	-1721 Nov 08 j 06:45	0° P 11'13	1.44601 AU
max. Earth dist.	-1722 Nov 25 j 16:08	16° P 16'09	1.43555 AU				
superior conj	-1722 Dec 01 j 11:57	25° P 44'42	-1°40'57	superior conj	-1721 Nov 11 j 02:39	4° P 40'13	-1°07'05
minimum elong	-1722 Dec 01 j 05:30	25° P 18'06	1°40'29	minimum elong	-1721 Nov 10 j 19:11	4° P 10'33	1°06'15
	-1722 Dec 04 j 01:30	0° X		evening rise	-1721 Nov 25 j 17:48	28° P 24'09	
evening rise	-1722 Dec 14 j 04:25	17° X 17'47			-1721 Nov 26 j 16:58	0° X	
	-1722 Dec 21 j 12:53	0° Z		evening max el	-1721 Dec 15 j 07:18	28° X 04'07	18°30'11
asc. node	-1722 Dec 30 j 09:04	13° Z 10'14		asc. node	-1721 Dec 17 j 06:07	29° X 49'52	
					-1721 Dec 17 j 11:28	0° Z	
				retrograde	-1721 Dec 21 j 21:42	1° Z 42'58	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening set	-1721 Dec 24 j 21:52	0° S 52'58		asc. node	-1720 Dec 03 j 03:11	15° S 15'39	
	-1721 Dec 26 j 06:03	30° R 27		retrograde	-1720 Dec 04 j 16:42	15° S 29'18	
inferior conj	-1721 Dec 30 j 20:06	25° S 19'54	3°35'12	evening set	-1720 Dec 07 j 23:07	14° S 27'25	
minimum elong	-1721 Dec 30 j 17:37	25° S 27'10	3°34'46	inferior conj	-1720 Dec 13 j 15:05	8° S 38'21	3°04'40
min. Earth dist.	-1720 Jan 01 j 21:30	22° S 55'54	0.64421 AU	minimum elong	-1720 Dec 13 j 12:09	8° S 47'39	3°03'54
morning rise	-1720 Jan 05 j 12:53	19° S 15'17		min. Earth dist.	-1720 Dec 15 j 01:48	6° S 48'57	0.65745 AU
direct	-1720 Jan 12 j 09:54	16° S 23'30		morning rise	-1720 Dec 19 j 00:54	2° S 28'29	
morning max el	-1720 Jan 25 j 21:16	24° S 09'06	27°20'49		-1720 Dec 23 j 04:29	30° R 11	
desc. node	-1720 Jan 27 j 02:44	25° S 24'28		direct	-1720 Dec 25 j 11:47	29° R 39'25	
	-1720 Jan 31 j 04:33	0° S			-1720 Dec 27 j 21:49	0° S	
morning set	-1720 Feb 20 j 12:38	0° S		morning max el	-1719 Jan 07 j 06:45	7° S 09'55	26°27'15
max. Earth dist.	-1720 Mar 01 j 03:03	17° S 40'00		desc. node	-1719 Jan 12 j 23:47	13° S 31'19	
	-1720 Mar 05 j 23:16	27° S 25'00	1.33719 AU		-1719 Jan 25 j 01:28	0° S	
	-1720 Mar 07 j 05:07	0° S			-1719 Feb 11 j 21:08	0° S	
superior conj	-1720 Mar 09 j 03:36	4° S 04'19	-0°51'13	morning set	-1719 Feb 12 j 08:38	0° S 54'00	
minimum elong	-1720 Mar 09 j 05:57	4° S 16'45	0°50'47	max. Earth dist.	-1719 Feb 16 j 12:17	8° S 54'23	1.34983 AU
asc. node	-1720 Mar 14 j 05:29	14° S 53'20		superior conj	-1719 Feb 21 j 02:49	18° S 11'16	-1°15'41
evening rise	-1720 Mar 16 j 10:06	19° S 31'11		minimum elong	-1719 Feb 21 j 06:04	18° S 27'59	1°15'11
	-1720 Mar 21 j 14:42	0° S			-1719 Feb 26 j 19:14	0° S	
evening max el	-1720 Apr 06 j 16:39	23° S 39'55	22°13'27	evening rise	-1719 Feb 28 j 18:34	4° S 05'28	
retrograde	-1720 Apr 19 j 12:17	29° S 56'03		asc. node	-1719 Mar 01 j 02:31	4° S 46'22	
evening set	-1720 Apr 22 j 08:10	29° S 38'22			-1719 Mar 15 j 13:40	0° S	
desc. node	-1720 Apr 24 j 01:53	29° S 11'02		evening max el	-1719 Mar 19 j 18:28	4° S 43'41	20°47'45
min. Earth dist.	-1720 Apr 30 j 23:43	25° S 55'11	0.55222 AU	retrograde	-1719 Mar 31 j 01:17	10° S 08'29	
inferior conj	-1720 May 01 j 17:35	25° S 29'57	-2°06'13	evening set	-1719 Apr 02 j 07:28	9° S 56'21	
minimum elong	-1720 May 01 j 12:04	25° S 37'44	2°04'26	desc. node	-1719 Apr 10 j 22:54	6° S 17'58	
morning rise	-1720 May 10 j 17:32	21° S 33'52		inferior conj	-1719 Apr 11 j 12:16	5° S 58'53	-0°09'27
direct	-1720 May 13 j 11:59	21° S 16'31		minimum elong	-1719 Apr 11 j 11:50	5° S 59'31	0°09'17
morning max el	-1720 May 25 j 05:37	26° S 46'24	21°17'33	transit middle	-1719 Apr 11 j 11:50	5° S 59'31	0°09'17
	-1720 May 28 j 07:42	0° S		transit begin	-1719 Apr 11 j 08:32	6° S 04'15	
asc. node	-1720 Jun 10 j 04:49	20° S 23'54		transit end	-1719 Apr 11 j 15:08	5° S 54'47	
morning set	-1720 Jun 14 j 05:27	28° S 29'30		min. Earth dist.	-1719 Apr 12 j 13:26	5° S 22'53	0.55147 AU
	-1720 Jun 14 j 22:56	0° S		morning rise	-1719 Apr 20 j 15:20	1° S 48'00	
superior conj	-1720 Jun 21 j 15:45	13° S 59'43	1°35'32	direct	-1719 Apr 23 j 23:33	1° S 23'46	
minimum elong	-1720 Jun 21 j 13:27	13° S 47'51	1°35'21	morning max el	-1719 May 07 j 03:11	7° S 45'46	22°52'37
max. Earth dist.	-1720 Jun 25 j 15:54	22° S 09'27	1.35283 AU		-1719 May 22 j 21:38	0° S	
	-1720 Jun 29 j 16:13	0° S		asc. node	-1719 May 28 j 01:52	10° S 06'28	
evening rise	-1720 Jun 30 j 01:22	0° S 43'34		morning set	-1719 May 29 j 16:19	13° S 25'26	
	-1720 Jul 17 j 07:42	0° S		superior conj	-1719 Jun 05 j 20:11	28° S 40'12	1°20'32
desc. node	-1720 Jul 21 j 01:12	5° S 25'51		minimum elong	-1719 Jun 05 j 17:36	28° S 26'29	1°20'13
evening max el	-1720 Aug 04 j 10:55	22° S 54'57	26°40'06		-1719 Jun 06 j 11:12	0° S	
	-1720 Aug 15 j 14:14	0° S		max. Earth dist.	-1719 Jun 08 j 12:44	4° S 20'41	1.34018 AU
retrograde	-1720 Aug 17 j 10:02	0° S 11'01		evening rise	-1719 Jun 13 j 13:51	14° S 36'24	
	-1720 Aug 19 j 04:22	30° R 26			-1719 Jun 21 j 20:10	0° S	
evening set	-1720 Aug 24 j 01:34	27° S 26'01		desc. node	-1719 Jul 07 j 22:13	24° S 44'58	
min. Earth dist.	-1720 Aug 28 j 01:44	23° S 17'10	0.65878 AU		-1719 Jul 12 j 02:37	0° S	
inferior conj	-1720 Aug 29 j 18:12	21° S 16'01	-2°23'51	evening max el	-1719 Jul 17 j 22:38	6° S 17'26	27°16'33
minimum elong	-1720 Aug 29 j 21:38	21° S 05'45	2°22'36	retrograde	-1719 Jul 31 j 09:12	13° S 38'03	
morning rise	-1720 Sep 04 j 18:07	15° S 31'37		evening set	-1719 Aug 07 j 10:29	10° S 52'16	
asc. node	-1720 Sep 06 j 03:59	14° S 55'56		min. Earth dist.	-1719 Aug 11 j 04:10	7° S 20'03	0.64618 AU
direct	-1720 Sep 07 j 17:08	14° S 42'27		inferior conj	-1719 Aug 13 j 09:56	4° S 52'47	-3°13'22
morning max el	-1720 Sep 14 j 09:32	18° S 24'11	18°33'10	minimum elong	-1719 Aug 13 j 14:09	4° S 41'11	3°12'06
	-1720 Sep 23 j 02:37	0° S			-1719 Aug 18 j 16:11	30° R 26	
morning set	-1720 Oct 04 j 12:33	18° S 10'47		morning rise	-1719 Aug 19 j 18:29	29° S 23'29	
	-1720 Oct 11 j 21:39	0° S		direct	-1719 Aug 22 j 11:44	28° S 44'46	
desc. node	-1720 Oct 17 j 00:33	8° S 07'06		asc. node	-1719 Aug 24 j 01:03	28° S 57'30	
					-1719 Aug 26 j 07:29	0° S	
superior conj	-1720 Oct 20 j 02:56	13° S 00'19	-0°19'58	morning max el	-1719 Aug 29 j 00:00	2° S 13'47	18°04'55
minimum elong	-1720 Oct 20 j 00:18	12° S 49'54	0°19'37	morning set	-1719 Sep 15 j 19:50	29° S 19'10	
max. Earth dist.	-1720 Oct 21 j 00:37	14° S 25'39	1.44946 AU		-1719 Sep 16 j 05:32	0° S	
	-1720 Oct 30 j 22:10	0° S		superior conj	-1719 Sep 29 j 10:52	21° S 47'14	0°28'40
evening rise	-1720 Nov 05 j 07:00	8° S 29'10		minimum elong	-1719 Sep 29 j 14:10	22° S 00'33	0°28'13
greatest brilliancy	-1720 Nov 14 j 06:28	22° S 41'19	-0.8m	desc. node	-1719 Oct 03 j 21:36	28° S 53'05	
	-1720 Nov 19 j 00:24	0° S		max. Earth dist.	-1719 Oct 03 j 19:00	28° S 42'48	1.44559 AU
evening max el	-1720 Nov 27 j 17:20	11° S 30'08	19°07'14				

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1719 Oct 04 j 14:30	0°♄				-1718 Sep 27 j 10:05	0°♄	
evening rise	-1719 Oct 15 j 22:24	17°♄41'19				-1718 Oct 17 j 22:52	0°♄	
	-1719 Oct 23 j 22:44	0°♄			evening max el	-1718 Oct 24 j 22:55	8°♄24'51	21°06'20
greatest brilliancy	-1719 Oct 29 j 13:46	8°♄29'10	-0.6m		retrograde	-1718 Nov 02 j 11:10	13°♄27'50	
evening max el	-1719 Nov 10 j 23:02	24°♄57'44	20°00'05		evening set	-1718 Nov 06 j 11:58	11°♄55'48	
retrograde	-1719 Nov 18 j 13:56	29°♄25'23			asc. node	-1718 Nov 06 j 21:16	11°♄37'07	
asc. node	-1719 Nov 20 j 00:13	29°♄13'39			inferior conj	-1718 Nov 11 j 21:00	5°♄43'46	1°39'26
evening set	-1719 Nov 22 j 04:30	28°♄09'31			minimum elong	-1718 Nov 11 j 18:54	5°♄51'01	1°38'35
inferior conj	-1719 Nov 27 j 16:10	22°♄07'18	2°25'16		min. Earth dist.	-1718 Nov 12 j 06:43	5°♄10'28	0.67274 AU
minimum elong	-1719 Nov 27 j 13:24	22°♄16'30	2°24'19			-1718 Nov 16 j 12:32	30°♄♄	
min. Earth dist.	-1719 Nov 28 j 13:35	20°♄56'00	0.66690 AU		morning rise	-1718 Nov 17 j 01:40	29°♄29'43	
morning rise	-1719 Dec 02 j 22:06	15°♄54'18			direct	-1718 Nov 22 j 07:24	27°♄14'00	
direct	-1719 Dec 08 j 19:10	13°♄18'47				-1718 Nov 28 j 22:50	0°♄	
morning max el	-1719 Dec 20 j 15:29	20°♄21'00	25°12'54		morning max el	-1718 Dec 03 j 00:15	3°♄36'47	23°47'36
	-1719 Dec 28 j 23:08	0°♄♄			desc. node	-1718 Dec 17 j 17:54	22°♄03'45	
desc. node	-1719 Dec 30 j 20:51	2°♄♄29'23				-1718 Dec 23 j 04:55	0°♄♄	
	-1718 Jan 18 j 05:31	0°♄♄			morning set	-1717 Jan 07 j 10:50	24°♄♄20'05	
morning set	-1718 Jan 25 j 21:15	13°♄♄12'43				-1717 Jan 10 j 17:22	0°♄♄	
max. Earth dist.	-1718 Jan 29 j 14:15	20°♄♄00'26	1.36687 AU		max. Earth dist.	-1717 Jan 11 j 10:09	1°♄♄13'56	1.38700 AU
	-1718 Feb 03 j 19:23	0°♄♄						
					superior conj	-1717 Jan 18 j 18:19	14°♄♄39'26	-1°52'30
superior conj	-1718 Feb 04 j 16:59	1°♄♄46'22	-1°36'56		minimum elong	-1717 Jan 18 j 21:00	14°♄♄52'02	1°52'23
minimum elong	-1718 Feb 04 j 20:31	2°♄♄03'49	1°36'34			-1717 Jan 26 j 16:55	0°♄♄	
evening rise	-1718 Feb 12 j 22:24	18°♄♄19'55			evening rise	-1717 Jan 27 j 19:05	2°♄♄07'47	
asc. node	-1718 Feb 15 j 23:33	24°♄♄23'20			asc. node	-1717 Feb 02 j 20:34	13°♄♄38'24	
	-1718 Feb 18 j 22:28	0°♄♄			evening max el	-1717 Feb 13 j 05:47	28°♄♄38'36	18°48'04
evening max el	-1718 Mar 02 j 07:06	16°♄♄23'06	19°38'11			-1717 Feb 14 j 19:02	0°♄♄	
retrograde	-1718 Mar 11 j 20:54	20°♄♄57'31			retrograde	-1717 Feb 21 j 09:15	2°♄♄34'58	
evening set	-1718 Mar 14 j 02:09	20°♄♄43'53			evening set	-1717 Feb 23 j 18:18	2°♄♄16'08	
inferior conj	-1718 Mar 22 j 15:27	16°♄♄39'54	1°40'51			-1717 Feb 28 j 14:00	30°♄♄♄	
minimum elong	-1718 Mar 22 j 19:21	16°♄♄33'44	1°39'37		inferior conj	-1717 Mar 03 j 13:13	27°♄♄55'26	2°59'55
min. Earth dist.	-1718 Mar 25 j 03:43	15°♄♄04'48	0.56004 AU		minimum elong	-1717 Mar 03 j 17:39	27°♄♄47'16	2°58'55
desc. node	-1718 Mar 28 j 19:57	13°♄♄02'09			min. Earth dist.	-1717 Mar 06 j 20:10	25°♄♄31'14	0.57590 AU
morning rise	-1718 Mar 31 j 10:04	11°♄♄59'58			morning rise	-1717 Mar 11 j 14:13	22°♄♄44'05	
direct	-1718 Apr 04 j 18:36	11°♄♄17'29			desc. node	-1717 Mar 15 j 17:00	21°♄♄34'34	
morning max el	-1718 Apr 18 j 18:40	18°♄♄20'13	24°32'48		direct	-1717 Mar 17 j 02:52	21°♄♄29'40	
	-1718 Apr 28 j 10:00	0°♄♄			morning max el	-1717 Mar 31 j 10:21	28°♄♄57'58	26°03'28
morning set	-1718 May 14 j 04:22	28°♄♄25'54				-1717 Apr 01 j 11:19	0°♄♄	
asc. node	-1718 May 14 j 22:54	0°♄♄03'48				-1717 Apr 21 j 22:26	0°♄♄	
	-1718 May 14 j 22:11	0°♄♄			morning set	-1717 Apr 28 j 15:57	13°♄♄25'09	
					asc. node	-1717 May 01 j 19:57	20°♄♄10'51	
superior conj	-1718 May 21 j 04:57	13°♄♄33'43	1°01'32					
minimum elong	-1718 May 21 j 02:37	13°♄♄21'08	1°01'09		superior conj	-1717 May 05 j 16:06	28°♄♄33'42	0°39'30
max. Earth dist.	-1718 May 22 j 18:18	16°♄♄55'29	1.33130 AU		minimum elong	-1717 May 05 j 14:27	28°♄♄24'39	0°39'12
evening rise	-1718 May 28 j 12:06	28°♄♄58'43			max. Earth dist.	-1717 May 06 j 05:25	29°♄♄46'33	1.32608 AU
	-1718 May 29 j 00:12	0°♄♄				-1717 May 06 j 07:52	0°♄♄	
	-1718 Jun 14 j 23:35	0°♄♄			evening rise	-1717 May 12 j 17:04	13°♄♄40'42	
desc. node	-1718 Jun 24 j 19:13	13°♄♄17'47				-1717 May 21 j 02:11	0°♄♄	
evening max el	-1718 Jun 30 j 08:18	19°♄♄15'25	27°24'21			-1717 Jun 10 j 22:31	0°♄♄	
retrograde	-1718 Jul 14 j 02:08	26°♄♄35'49			desc. node	-1717 Jun 11 j 16:12	0°♄♄44'51	
evening set	-1718 Jul 21 j 06:50	24°♄♄01'31			evening max el	-1717 Jun 12 j 13:26	1°♄♄36'36	26°59'37
min. Earth dist.	-1718 Jul 24 j 20:46	21°♄♄00'26	0.62994 AU		retrograde	-1717 Jun 26 j 12:17	8°♄♄55'22	
inferior conj	-1718 Jul 27 j 15:55	18°♄♄15'31	-3°55'36		evening set	-1717 Jul 03 j 10:27	6°♄♄46'37	
minimum elong	-1718 Jul 27 j 20:06	18°♄♄05'14	3°54'43		min. Earth dist.	-1717 Jul 07 j 03:10	4°♄♄04'28	0.61068 AU
morning rise	-1718 Aug 03 j 10:27	13°♄♄04'44			inferior conj	-1717 Jul 10 j 08:55	1°♄♄16'28	-4°25'08
direct	-1718 Aug 06 j 00:11	12°♄♄33'43			minimum elong	-1717 Jul 10 j 11:36	1°♄♄10'36	4°24'50
asc. node	-1718 Aug 10 j 22:07	14°♄♄28'08				-1717 Jul 11 j 20:47	30°♄♄♄	
morning max el	-1718 Aug 12 j 15:18	15°♄♄58'20	17°54'29		morning rise	-1717 Jul 17 j 14:28	26°♄♄26'57	
	-1718 Aug 22 j 11:42	0°♄♄			direct	-1717 Jul 20 j 02:43	26°♄♄01'32	
morning set	-1718 Aug 29 j 02:46	11°♄♄34'58			morning max el	-1717 Jul 27 j 04:37	29°♄♄31'14	18°02'50
	-1718 Sep 08 j 17:36	0°♄♄				-1717 Jul 27 j 16:10	0°♄♄	
					asc. node	-1717 Jul 28 j 19:11	1°♄♄13'37	
superior conj	-1718 Sep 09 j 19:00	1°♄♄46'47	1°07'45		morning set	-1717 Aug 12 j 03:35	24°♄♄42'26	
minimum elong	-1718 Sep 10 j 00:22	2°♄♄09'15	1°07'09			-1717 Aug 15 j 00:18	0°♄♄	
max. Earth dist.	-1718 Sep 16 j 10:23	12°♄♄42'26	1.43489 AU					
desc. node	-1718 Sep 20 j 18:36	19°♄♄38'44			superior conj	-1717 Aug 22 j 06:35	13°♄♄08'03	1°33'11
evening rise	-1718 Sep 25 j 03:59	26°♄♄31'10			minimum elong	-1717 Aug 22 j 10:38	13°♄♄25'53	1°32'53

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Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

max. Earth dist.	-1717 Aug 29 j 20:12	26° Ω 07'04	1.41884 AU	max. Earth dist.	-1716 Aug 11 j 00:33	8° Ω 48'17	1.39964 AU
	-1717 Sep 01 j 04:35	0° \mathbb{M}		evening rise	-1716 Aug 15 j 08:05	16° Ω 10'12	
evening rise	-1717 Sep 04 j 18:38	5° \mathbb{M} 48'02			-1716 Aug 23 j 22:06	0° \mathbb{M}	
desc. node	-1717 Sep 07 j 15:36	10° \mathbb{M} 20'55		desc. node	-1716 Aug 24 j 12:37	0° \mathbb{M} 56'11	
	-1717 Sep 20 j 17:03	0° $\underline{\Omega}$			-1716 Sep 14 j 09:38	0° $\underline{\Omega}$	
evening max el	-1717 Oct 07 j 16:53	21° $\underline{\Omega}$ 51'50	22°22'15	evening max el	-1716 Sep 19 j 06:27	5° $\underline{\Omega}$ 21'39	23°42'33
retrograde	-1717 Oct 17 j 06:41	27° $\underline{\Omega}$ 33'31		retrograde	-1716 Sep 29 j 23:05	11° $\underline{\Omega}$ 40'10	
evening set	-1717 Oct 21 j 19:41	25° $\underline{\Omega}$ 43'39		evening set	-1716 Oct 05 j 02:00	9° $\underline{\Omega}$ 31'42	
asc. node	-1717 Oct 24 j 18:20	22° $\underline{\Omega}$ 37'28		inferior conj	-1716 Oct 10 j 10:24	3° $\underline{\Omega}$ 11'06	-0°04'19
inferior conj	-1717 Oct 27 j 03:40	19° $\underline{\Omega}$ 25'23	0°49'01	minimum elong	-1716 Oct 10 j 10:30	3° $\underline{\Omega}$ 10'45	0°04'16
minimum elong	-1717 Oct 27 j 02:32	19° $\underline{\Omega}$ 29'16	0°48'31	transit middle	-1716 Oct 10 j 10:30	3° $\underline{\Omega}$ 10'45	0°04'16
min. Earth dist.	-1717 Oct 27 j 02:45	19° $\underline{\Omega}$ 28'34	0.67535 AU	transit begin	-1716 Oct 10 j 07:53	3° $\underline{\Omega}$ 19'41	
morning rise	-1717 Nov 01 j 09:16	13° $\underline{\Omega}$ 12'38		transit end	-1716 Oct 10 j 13:07	3° $\underline{\Omega}$ 01'49	
direct	-1717 Nov 05 j 23:58	11° $\underline{\Omega}$ 19'02		min. Earth dist.	-1716 Oct 09 j 23:15	3° $\underline{\Omega}$ 49'06	0.67492 AU
morning max el	-1717 Nov 15 j 11:43	16° $\underline{\Omega}$ 56'47	22°20'43	asc. node	-1716 Oct 10 j 15:24	2° $\underline{\Omega}$ 54'01	
	-1717 Nov 26 j 03:51	0° \mathbb{M}			-1716 Oct 12 j 20:35	30° \mathbb{R} \mathbb{M}	
desc. node	-1717 Dec 04 j 14:56	12° \mathbb{M} 03'27		morning rise	-1716 Oct 15 j 18:55	27° \mathbb{M} 02'21	
	-1717 Dec 16 j 07:28	0° \mathbb{M}		direct	-1716 Oct 19 j 19:54	25° \mathbb{M} 30'16	
morning set	-1717 Dec 18 j 19:53	4° \mathbb{M} 02'48			-1716 Oct 27 j 19:09	0° $\underline{\Omega}$	
max. Earth dist.	-1717 Dec 24 j 07:08	13° \mathbb{M} 05'29	1.40791 AU	morning max el	-1716 Oct 28 j 05:03	0° $\underline{\Omega}$ 24'45	21°00'12
					-1716 Nov 18 j 22:35	0° \mathbb{M}	
superior conj	-1716 Jan 01 j 01:52	26° \mathbb{M} 36'55	-1°59'03	desc. node	-1716 Nov 20 j 11:59	2° \mathbb{M} 21'42	
minimum elong	-1716 Jan 01 j 01:58	26° \mathbb{M} 37'25	1°59'05	morning set	-1716 Nov 27 j 02:25	12° \mathbb{M} 32'31	
	-1716 Jan 02 j 22:56	0° \mathbb{M}		max. Earth dist.	-1716 Dec 05 j 10:47	25° \mathbb{M} 51'22	1.42676 AU
evening rise	-1716 Jan 11 j 05:26	15° \mathbb{M} 20'19			-1716 Dec 07 j 23:26	0° \mathbb{M}	
	-1716 Jan 19 j 06:58	0° \approx					
asc. node	-1716 Jan 20 j 17:37	2° \approx 23'22		superior conj	-1716 Dec 12 j 10:09	7° \mathbb{M} 26'31	-1°52'22
evening max el	-1716 Jan 27 j 12:03	11° \approx 22'29	18°18'04	minimum elong	-1716 Dec 12 j 06:04	7° \mathbb{M} 09'14	1°52'12
retrograde	-1716 Feb 03 j 16:00	14° \approx 56'21		evening rise	-1716 Dec 24 j 01:43	27° \mathbb{M} 49'58	
evening set	-1716 Feb 06 j 05:21	14° \approx 30'12			-1716 Dec 25 j 06:46	0° \mathbb{M}	
inferior conj	-1716 Feb 13 j 07:44	9° \approx 48'57	3°42'53	asc. node	-1715 Jan 06 j 14:39	20° \mathbb{M} 29'03	
minimum elong	-1716 Feb 13 j 10:08	9° \approx 43'47	3°42'35	evening max el	-1715 Jan 09 j 22:57	24° \mathbb{M} 26'39	18°07'52
min. Earth dist.	-1716 Feb 16 j 17:02	6° \approx 56'00	0.59580 AU	retrograde	-1715 Jan 16 j 14:16	27° \mathbb{M} 52'42	
morning rise	-1716 Feb 20 j 12:47	4° \approx 14'03		evening set	-1715 Jan 19 j 07:35	27° \mathbb{M} 17'59	
direct	-1716 Feb 27 j 00:04	2° \approx 20'39		inferior conj	-1715 Jan 25 j 20:37	22° \mathbb{M} 15'26	3°55'59
desc. node	-1716 Mar 01 j 14:03	2° \approx 53'54		minimum elong	-1715 Jan 25 j 20:34	22° \mathbb{M} 15'34	3°55'57
morning max el	-1716 Mar 12 j 06:46	10° \approx 02'38	27°09'59	min. Earth dist.	-1715 Jan 28 j 20:57	19° \mathbb{M} 18'34	0.61637 AU
	-1716 Mar 27 j 16:04	0° \mathbb{M}		morning rise	-1715 Feb 01 j 08:18	16° \mathbb{M} 25'22	
morning set	-1716 Apr 12 j 01:20	28° \mathbb{M} 16'14		direct	-1715 Feb 08 j 07:30	13° \mathbb{M} 58'28	
	-1716 Apr 12 j 21:11	0° \mathbb{M}		desc. node	-1715 Feb 16 j 11:08	16° \mathbb{M} 50'55	
asc. node	-1716 Apr 17 j 16:59	10° \mathbb{M} 22'27		morning max el	-1715 Feb 22 j 09:12	21° \mathbb{M} 46'16	27°42'39
					-1715 Mar 01 j 14:47	0° \approx	
superior conj	-1716 Apr 19 j 03:51	13° \mathbb{M} 33'20	0°15'18		-1715 Mar 20 j 16:28	0° \mathbb{M}	
minimum elong	-1716 Apr 19 j 03:10	13° \mathbb{M} 29'35	0°15'10	morning set	-1715 Mar 27 j 06:34	12° \mathbb{M} 52'12	
behind sun begin	-1716 Apr 19 j 01:46	13° \mathbb{M} 21'54		max. Earth dist.	-1715 Apr 02 j 05:41	25° \mathbb{M} 28'06	1.32626 AU
behind sun end	-1716 Apr 19 j 04:34	13° \mathbb{M} 37'17					
max. Earth dist.	-1716 Apr 18 j 18:27	12° \mathbb{M} 41'49	1.32437 AU	superior conj	-1715 Apr 03 j 14:34	28° \mathbb{M} 26'40	-0°10'19
evening rise	-1716 Apr 26 j 02:15	28° \mathbb{M} 33'29		minimum elong	-1715 Apr 03 j 15:02	28° \mathbb{M} 29'15	0°10'13
	-1716 Apr 26 j 18:47	0° \mathbb{M}		behind sun begin	-1715 Apr 03 j 11:07	28° \mathbb{M} 07'53	
	-1716 May 13 j 14:39	0° \mathbb{M}		behind sun end	-1715 Apr 03 j 18:58	28° \mathbb{M} 50'38	
evening max el	-1716 May 24 j 12:18	13° \mathbb{M} 14'23	26°03'04		-1715 Apr 04 j 07:41	0° \mathbb{M}	
desc. node	-1716 May 28 j 13:14	16° \mathbb{M} 38'55		asc. node	-1715 Apr 04 j 14:01	0° \mathbb{M} 34'30	
retrograde	-1716 Jun 07 j 14:06	20° \mathbb{M} 29'22		evening rise	-1715 Apr 10 j 13:36	13° \mathbb{M} 29'50	
evening set	-1716 Jun 13 j 17:06	18° \mathbb{M} 57'36			-1715 Apr 18 j 22:21	0° \mathbb{M}	
min. Earth dist.	-1716 Jun 18 j 01:03	16° \mathbb{M} 17'05	0.59007 AU	evening max el	-1715 May 06 j 05:23	24° \mathbb{M} 13'03	24°41'23
inferior conj	-1716 Jun 21 j 09:18	13° \mathbb{M} 46'26	-4°33'36		-1715 May 14 j 09:24	0° \mathbb{M}	
minimum elong	-1716 Jun 21 j 08:43	13° \mathbb{M} 47'32	4°33'32	desc. node	-1715 May 15 j 10:17	0° \mathbb{M} 24'51	
morning rise	-1716 Jun 29 j 02:45	9° \mathbb{M} 19'00		retrograde	-1715 May 20 j 04:46	1° \mathbb{M} 17'09	
direct	-1716 Jul 01 j 14:57	8° \mathbb{M} 57'44		evening set	-1715 May 25 j 01:24	0° \mathbb{M} 23'42	
morning max el	-1716 Jul 09 j 12:56	12° \mathbb{M} 43'54	18°31'02		-1715 May 26 j 01:37	30° \mathbb{R} \mathbb{M}	
asc. node	-1716 Jul 14 j 16:16	18° \mathbb{M} 58'33		min. Earth dist.	-1715 May 30 j 17:13	27° \mathbb{M} 28'39	0.57103 AU
	-1716 Jul 21 j 05:55	0° \mathbb{M}		inferior conj	-1715 Jun 02 j 14:05	25° \mathbb{M} 36'22	-4°09'32
morning set	-1716 Jul 25 j 17:26	8° \mathbb{M} 28'59		minimum elong	-1715 Jun 02 j 09:19	25° \mathbb{M} 44'12	4°08'48
				morning rise	-1715 Jun 10 j 20:09	21° \mathbb{M} 28'41	
superior conj	-1716 Aug 03 j 17:16	25° \mathbb{M} 38'46	1°45'45	direct	-1715 Jun 13 j 09:20	21° \mathbb{M} 10'23	
minimum elong	-1716 Aug 03 j 18:55	25° \mathbb{M} 46'27	1°45'43	morning max el	-1715 Jun 22 j 13:15	25° \mathbb{M} 26'17	19°19'51
	-1716 Aug 06 j 02:00	0° Ω			-1715 Jun 26 j 14:28	0° \mathbb{M}	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

asc. node	-1715 Jul 01 j 13:19	7° Π 29'04			-1714 Jun 20 j 05:32	0° Π	
morning set	-1715 Jul 09 j 16:27	22° Π 44'09		morning set	-1714 Jun 23 j 21:48	7° Π 20'36	
	-1715 Jul 13 j 07:39	0° \mathfrak{E}					
superior conj	-1715 Jul 17 j 21:10	9° \mathfrak{E} 01'51	1°47'52	superior conj	-1714 Jul 01 j 13:27	23° Π 03'59	1°41'53
minimum elong	-1715 Jul 17 j 20:43	8° \mathfrak{E} 59'40	1°47'53	minimum elong	-1714 Jul 01 j 11:37	22° Π 54'41	1°41'47
max. Earth dist.	-1715 Jul 24 j 03:06	20° \mathfrak{E} 52'26	1.37987 AU	max. Earth dist.	-1714 Jul 05 j 00:36	0° \mathfrak{E}	
evening rise	-1715 Jul 27 j 22:51	27° \mathfrak{E} 45'15		evening rise	-1714 Jul 06 j 09:44	2° \mathfrak{E} 41'56	1.36185 AU
	-1715 Jul 29 j 05:39	0° \mathcal{O}			-1714 Jul 10 j 11:20	10° \mathfrak{E} 24'44	
desc. node	-1715 Aug 11 j 09:38	21° \mathcal{O} 19'25		desc. node	-1714 Jul 21 j 19:37	0° \mathcal{O}	
	-1715 Aug 17 j 08:34	0° \mathfrak{M}			-1714 Jul 29 j 06:39	11° \mathcal{O} 24'37	
evening max el	-1715 Sep 01 j 17:59	18° \mathfrak{M} 55'08	25°00'35	evening max el	-1714 Aug 12 j 18:44	0° \mathfrak{M}	
retrograde	-1715 Sep 13 j 11:22	25° \mathfrak{M} 43'26		retrograde	-1714 Aug 15 j 05:19	2° \mathfrak{M} 29'58	26°08'30
evening set	-1715 Sep 19 j 05:09	23° \mathfrak{M} 17'21		evening set	-1714 Aug 27 j 18:52	9° \mathfrak{M} 38'22	
min. Earth dist.	-1715 Sep 23 j 17:43	18° \mathfrak{M} 09'45	0.67136 AU	min. Earth dist.	-1714 Sep 03 j 03:11	6° \mathfrak{M} 58'12	
inferior conj	-1715 Sep 24 j 15:27	16° \mathfrak{M} 58'08	-0°59'01	inferior conj	-1714 Sep 07 j 07:40	2° \mathfrak{M} 27'51	0.66447 AU
minimum elong	-1715 Sep 24 j 16:54	16° \mathfrak{M} 53'24	0°58'23	minimum elong	-1714 Sep 08 j 17:00	0° \mathfrak{M} 44'00	-1°53'24
asc. node	-1715 Sep 27 j 12:28	13° \mathfrak{M} 23'18			-1714 Sep 08 j 19:46	0° \mathfrak{M} 35'24	1°52'19
morning rise	-1715 Sep 30 j 04:41	10° \mathfrak{M} 56'29		asc. node	-1714 Sep 09 j 07:11	30° \mathcal{R} \mathcal{O}	
direct	-1715 Oct 03 j 17:53	9° \mathfrak{M} 43'37		morning rise	-1714 Sep 14 j 09:33	24° \mathcal{O} 57'13	
morning max el	-1715 Oct 11 j 05:53	14° \mathfrak{M} 02'14	19°51'20	direct	-1714 Sep 14 j 12:35	24° \mathcal{O} 52'35	
	-1715 Oct 23 j 08:50	0° \mathfrak{L}		morning max el	-1714 Sep 17 j 16:09	23° \mathcal{O} 55'45	
morning set	-1715 Nov 05 j 23:39	20° \mathfrak{L} 43'22			-1714 Sep 24 j 13:42	27° \mathcal{O} 48'01	18°57'05
desc. node	-1715 Nov 07 j 09:02	22° \mathfrak{L} 52'41		morning set	-1714 Sep 26 j 13:28	0° \mathfrak{M}	
	-1715 Nov 11 j 22:40	0° \mathfrak{M}			-1714 Oct 16 j 11:41	29° \mathfrak{M} 44'10	
max. Earth dist.	-1715 Nov 17 j 22:20	9° \mathfrak{M} 27'02	1.44088 AU	desc. node	-1714 Oct 16 j 15:41	0° \mathfrak{L}	
				max. Earth dist.	-1714 Oct 25 j 06:03	13° \mathfrak{L} 32'13	
superior conj	-1715 Nov 22 j 15:20	17° \mathfrak{M} 00'34	-1°28'42		-1714 Oct 31 j 15:18	23° \mathfrak{L} 34'49	1.44845 AU
minimum elong	-1715 Nov 22 j 07:46	16° \mathfrak{M} 29'57	1°28'00	superior conj	-1714 Nov 01 j 21:30	25° \mathfrak{L} 33'49	-0°48'06
	-1715 Nov 30 j 12:51	0° \mathcal{X}		minimum elong	-1714 Nov 01 j 15:29	25° \mathfrak{L} 10'06	0°47'22
evening rise	-1715 Dec 06 j 03:33	9° \mathcal{X} 28'32			-1714 Nov 04 j 16:53	0° \mathfrak{M}	
	-1715 Dec 18 j 12:31	0° \mathfrak{Z}		evening rise	-1714 Nov 17 j 06:49	20° \mathfrak{M} 09'06	
asc. node	-1715 Dec 24 j 11:41	7° \mathfrak{Z} 43'53			-1714 Nov 23 j 08:26	0° \mathcal{X}	
evening max el	-1715 Dec 24 j 11:30	7° \mathfrak{Z} 43'25	18°16'46	evening max el	-1714 Dec 07 j 23:05	21° \mathcal{X} 07'01	18°43'51
retrograde	-1715 Dec 30 j 23:46	11° \mathfrak{Z} 14'22		asc. node	-1714 Dec 07 j 23:05	21° \mathcal{X} 07'01	18°43'51
evening set	-1714 Jan 02 j 21:14	10° \mathfrak{Z} 30'08		retrograde	-1714 Dec 11 j 08:44	23° \mathcal{X} 53'54	
inferior conj	-1714 Jan 09 j 00:04	5° \mathfrak{Z} 07'26	3°47'23	evening set	-1714 Dec 14 j 16:23	24° \mathcal{X} 53'27	
minimum elong	-1714 Jan 08 j 22:13	5° \mathfrak{Z} 12'32	3°47'10	inferior conj	-1714 Dec 17 j 19:03	23° \mathcal{X} 58'28	
min. Earth dist.	-1714 Jan 11 j 10:09	2° \mathfrak{Z} 27'32	0.63498 AU	minimum elong	-1714 Dec 23 j 14:19	18° \mathcal{X} 17'59	3°23'33
	-1714 Jan 13 j 21:38	30° \mathcal{R} \mathcal{X}			-1714 Dec 23 j 11:33	18° \mathcal{X} 26'22	3°22'56
morning rise	-1714 Jan 14 j 22:33	29° \mathcal{X} 07'20		min. Earth dist.	-1714 Dec 25 j 09:13	16° \mathcal{X} 08'16	0.65030 AU
direct	-1714 Jan 21 j 22:48	26° \mathcal{X} 20'29		morning rise	-1714 Dec 29 j 03:43	12° \mathcal{X} 10'51	
	-1714 Jan 30 j 22:51	0° \mathfrak{Z}		direct	-1713 Jan 04 j 20:55	9° \mathcal{X} 19'02	
desc. node	-1714 Feb 03 j 08:12	2° \mathfrak{Z} 50'43		morning max el	-1713 Jan 18 j 02:09	16° \mathcal{X} 59'20	27°01'18
morning max el	-1714 Feb 04 j 16:31	4° \mathfrak{Z} 08'21	27°38'44	desc. node	-1713 Jan 21 j 05:16	20° \mathcal{X} 19'03	
	-1714 Feb 24 j 03:53	0° \approx			-1713 Jan 28 j 23:29	0° \mathfrak{Z}	
morning set	-1714 Mar 11 j 05:17	27° \approx 05'03			-1713 Feb 16 j 23:47	0° \approx	
	-1714 Mar 12 j 16:03	0° \mathcal{X}		morning set	-1713 Feb 22 j 18:14	10° \approx 43'47	
max. Earth dist.	-1714 Mar 16 j 11:17	7° \mathcal{X} 52'38	1.33198 AU	max. Earth dist.	-1713 Feb 27 j 07:19	19° \approx 43'36	1.34201 AU
superior conj	-1714 Mar 18 j 22:28	13° \mathcal{X} 07'34	-0°36'23	superior conj	-1713 Mar 03 j 01:29	27° \approx 28'31	-1°01'52
minimum elong	-1714 Mar 19 j 00:09	13° \mathcal{X} 16'38	0°36'03	minimum elong	-1713 Mar 03 j 04:16	27° \approx 43'05	1°01'23
asc. node	-1714 Mar 22 j 11:03	20° \mathcal{X} 42'56			-1713 Mar 04 j 06:21	0° \mathcal{X}	
evening rise	-1714 Mar 26 j 01:17	28° \mathcal{X} 23'09		asc. node	-1713 Mar 09 j 08:05	10° \mathcal{X} 42'44	
	-1714 Mar 26 j 19:46	0° \mathcal{Y}		evening rise	-1713 Mar 10 j 11:28	13° \mathcal{X} 05'56	
	-1714 Apr 13 j 10:28	0° \mathfrak{B}			-1713 Mar 19 j 05:03	0° \mathcal{Y}	
evening max el	-1714 Apr 17 j 20:49	4° \mathfrak{B} 52'13	23°07'24	evening max el	-1713 Mar 30 j 17:04	15° \mathcal{Y} 39'00	21°35'21
retrograde	-1714 May 01 j 06:41	11° \mathfrak{B} 31'11		retrograde	-1713 Apr 11 j 22:21	21° \mathcal{Y} 34'49	
desc. node	-1714 May 02 j 07:19	11° \mathfrak{B} 28'50		evening set	-1713 Apr 14 j 10:30	21° \mathcal{Y} 20'35	
evening set	-1714 May 04 j 18:10	11° \mathfrak{B} 04'43		desc. node	-1713 Apr 19 j 04:21	19° \mathcal{Y} 45'21	
min. Earth dist.	-1714 May 12 j 06:43	7° \mathfrak{B} 43'04	0.55691 AU	inferior conj	-1713 Apr 23 j 19:40	17° \mathcal{Y} 18'35	-1°18'08
inferior conj	-1714 May 13 j 23:25	6° \mathfrak{B} 43'44	-3°03'12	minimum elong	-1713 Apr 23 j 16:02	17° \mathcal{Y} 23'41	1°16'52
minimum elong	-1714 May 13 j 16:44	6° \mathfrak{B} 53'31	3°01'22	min. Earth dist.	-1713 Apr 23 j 19:55	17° \mathcal{Y} 18'14	0.55070 AU
morning rise	-1714 May 22 j 17:49	2° \mathfrak{B} 48'02		morning rise	-1713 May 02 j 22:17	13° \mathcal{Y} 18'56	
direct	-1714 May 25 j 09:20	2° \mathfrak{B} 31'11		direct	-1713 May 05 j 21:04	12° \mathcal{Y} 59'51	
morning max el	-1714 Jun 05 j 03:21	7° \mathfrak{B} 30'31	20°29'11	morning max el	-1713 May 18 j 06:32	18° \mathcal{Y} 51'55	21°56'41
asc. node	-1714 Jun 18 j 10:23	26° \mathfrak{B} 34'35			-1713 May 27 j 06:28	0° \mathfrak{B}	
				asc. node	-1713 Jun 05 j 07:26	16° \mathfrak{B} 05'21	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning set	-1713 Jun 08 j 07:10	22°♄10'50		direct	-1712 Apr 15 j 10:18	22°♄56'14	
	-1713 Jun 12 j 00:26	0°♄		morning max el	-1712 Apr 29 j 00:58	29°♄38'03	23°35'27
					-1712 Apr 29 j 10:07	0°♄	
superior conj	-1713 Jun 15 j 14:17	7°♄32'58	1°29'44		-1712 May 19 j 06:57	0°♄	
minimum elong	-1713 Jun 15 j 11:48	7°♄19'56	1°29'29	asc. node	-1712 May 22 j 04:28	5°♄54'25	
max. Earth dist.	-1713 Jun 19 j 00:43	14°♄39'33	1.34697 AU	morning set	-1712 May 22 j 18:42	7°♄08'51	
evening rise	-1713 Jun 23 j 16:21	23°♄54'09					
	-1713 Jun 26 j 21:43	0°♄		superior conj	-1712 May 29 j 20:49	22°♄19'40	1°12'54
	-1713 Jul 15 j 09:20	0°♄		minimum elong	-1712 May 29 j 18:18	22°♄06'07	1°12'33
desc. node	-1713 Jul 16 j 03:39	1°♄03'30		max. Earth dist.	-1712 Jun 01 j 01:12	26°♄59'05	1.33589 AU
evening max el	-1713 Jul 28 j 16:52	15°♄58'55	26°58'36		-1712 Jun 02 j 11:34	0°♄	
retrograde	-1713 Aug 10 j 21:19	23°♄18'00		evening rise	-1712 Jun 06 j 09:23	8°♄00'24	
evening set	-1713 Aug 17 j 17:44	20°♄30'59			-1712 Jun 18 j 09:15	0°♄	
min. Earth dist.	-1713 Aug 21 j 14:50	16°♄38'22	0.65393 AU	desc. node	-1712 Jul 02 j 00:39	20°♄04'46	
inferior conj	-1713 Aug 23 j 12:59	14°♄25'07	-2°45'29	evening max el	-1712 Jul 10 j 03:47	29°♄11'45	27°23'39
minimum elong	-1713 Aug 23 j 16:49	14°♄14'01	2°44'11		-1712 Jul 11 j 00:24	0°♄	
morning rise	-1713 Aug 29 j 16:26	8°♄47'04		retrograde	-1712 Jul 23 j 18:10	6°♄33'36	
asc. node	-1713 Sep 01 j 06:37	8°♄03'09		evening set	-1712 Jul 30 j 21:48	3°♄50'50	
direct	-1713 Sep 01 j 12:41	8°♄02'48		min. Earth dist.	-1712 Aug 03 j 13:15	0°♄32'57	0.63965 AU
morning max el	-1713 Sep 08 j 02:31	11°♄37'55	18°19'02		-1712 Aug 04 j 02:03	30°♄	
	-1713 Sep 20 j 23:03	0°♄		inferior conj	-1712 Aug 06 j 00:55	27°♄56'29	-3°32'29
morning set	-1713 Sep 27 j 03:00	10°♄06'07		minimum elong	-1712 Aug 06 j 05:15	27°♄45'04	3°31'20
	-1713 Oct 09 j 10:20	0°♄		morning rise	-1712 Aug 12 j 13:36	22°♄34'50	
				direct	-1712 Aug 15 j 04:56	21°♄59'52	
superior conj	-1713 Oct 11 j 22:16	3°♄57'47	0°01'19	asc. node	-1712 Aug 18 j 03:41	22°♄43'45	
minimum elong	-1713 Oct 11 j 22:27	3°♄58'29	0°01'16	morning max el	-1712 Aug 21 j 17:43	25°♄26'14	17°58'13
behind sun begin	-1713 Oct 11 j 11:21	3°♄14'33			-1712 Aug 25 j 12:59	0°♄	
behind sun end	-1713 Oct 12 j 09:32	4°♄42'23		morning set	-1712 Sep 07 j 21:03	21°♄44'52	
desc. node	-1713 Oct 12 j 03:06	4°♄16'54			-1712 Sep 12 j 16:56	0°♄	
max. Earth dist.	-1713 Oct 14 j 09:48	7°♄52'51	1.44866 AU				
evening rise	-1713 Oct 28 j 10:01	29°♄49'54		superior conj	-1712 Sep 20 j 15:20	13°♄12'34	0°46'49
	-1713 Oct 28 j 12:36	0°♄		minimum elong	-1712 Sep 20 j 20:04	13°♄31'53	0°46'13
greatest brilliancy	-1713 Nov 08 j 16:17	17°♄20'01	-0.7m	max. Earth dist.	-1712 Sep 26 j 02:42	22°♄02'36	1.44175 AU
	-1713 Nov 17 j 10:42	0°♄		desc. node	-1712 Sep 28 j 00:04	25°♄02'51	
evening max el	-1713 Nov 21 j 07:25	4°♄33'48	19°27'52		-1712 Oct 01 j 03:31	0°♄	
asc. node	-1713 Nov 28 j 05:47	8°♄44'11		evening rise	-1712 Oct 06 j 19:03	8°♄46'34	
retrograde	-1713 Nov 28 j 12:47	8°♄44'40			-1712 Oct 20 j 19:41	0°♄	
evening set	-1713 Dec 01 j 22:20	7°♄37'09		evening max el	-1712 Nov 03 j 10:42	18°♄01'01	20°26'52
inferior conj	-1713 Dec 07 j 12:14	1°♄41'54	2°48'55	retrograde	-1712 Nov 11 j 10:16	22°♄43'21	
minimum elong	-1713 Dec 07 j 09:18	1°♄51'24	2°48'01	asc. node	-1712 Nov 14 j 02:51	22°♄01'44	
min. Earth dist.	-1713 Dec 08 j 17:04	0°♄08'31	0.66187 AU	evening set	-1712 Nov 15 j 04:49	21°♄21'04	
	-1713 Dec 08 j 19:44	30°♄		inferior conj	-1712 Nov 20 j 15:11	15°♄14'21	2°06'29
morning rise	-1713 Dec 12 j 20:01	25°♄30'11		minimum elong	-1712 Nov 20 j 12:39	15°♄22'56	2°05'33
direct	-1713 Dec 19 j 01:11	22°♄45'55		min. Earth dist.	-1712 Nov 21 j 07:32	14°♄19'03	0.66979 AU
	-1713 Dec 31 j 08:55	0°♄		morning rise	-1712 Nov 25 j 20:16	9°♄00'24	
morning max el	-1713 Dec 31 j 11:37	0°♄06'44	25°57'38	direct	-1712 Dec 01 j 10:53	6°♄32'33	
desc. node	-1712 Jan 08 j 02:19	8°♄50'09		morning max el	-1712 Dec 12 j 20:02	13°♄19'44	24°37'14
	-1712 Jan 22 j 21:40	0°♄		desc. node	-1712 Dec 24 j 23:22	28°♄05'00	
morning set	-1712 Feb 05 j 17:17	23°♄36'28			-1712 Dec 26 j 08:41	0°♄	
	-1712 Feb 09 j 02:47	0°♄			-1711 Jan 14 j 17:22	0°♄	
max. Earth dist.	-1712 Feb 09 j 15:28	1°♄00'56	1.35657 AU	morning set	-1711 Jan 17 j 20:52	5°♄26'38	
				max. Earth dist.	-1711 Jan 21 j 13:27	12°♄03'13	1.37515 AU
superior conj	-1712 Feb 14 j 21:13	11°♄22'44	-1°25'14				
minimum elong	-1712 Feb 15 j 00:41	11°♄40'19	1°24'46	superior conj	-1711 Jan 28 j 06:24	24°♄40'58	-1°44'26
evening rise	-1712 Feb 22 j 18:14	27°♄32'28		minimum elong	-1711 Jan 28 j 09:45	24°♄57'10	1°44'09
	-1712 Feb 23 j 23:15	0°♄			-1711 Jan 30 j 23:35	0°♄	
asc. node	-1712 Feb 24 j 05:06	0°♄29'31		evening rise	-1711 Feb 05 j 19:18	11°♄35'47	
evening max el	-1712 Mar 11 j 23:16	26°♄56'35	20°15'53	asc. node	-1711 Feb 10 j 02:08	19°♄57'40	
	-1712 Mar 15 j 21:09	0°♄			-1711 Feb 15 j 19:09	0°♄	
retrograde	-1712 Mar 22 j 12:48	1°♄59'27		evening max el	-1711 Feb 22 j 16:29	8°♄51'59	19°14'27
evening set	-1712 Mar 24 j 17:13	1°♄47'26		retrograde	-1711 Mar 03 j 14:24	13°♄07'56	
	-1712 Mar 29 j 18:29	30°♄		evening set	-1711 Mar 05 j 21:03	12°♄52'28	
inferior conj	-1712 Apr 02 j 16:16	27°♄48'54	0°40'03	inferior conj	-1711 Mar 14 j 02:34	8°♄42'38	2°18'55
minimum elong	-1712 Apr 02 j 18:03	27°♄46'16	0°39'26	minimum elong	-1711 Mar 14 j 07:09	8°♄34'55	2°17'37
min. Earth dist.	-1712 Apr 04 j 10:01	26°♄47'03	0.55401 AU	min. Earth dist.	-1711 Mar 17 j 01:14	6°♄44'25	0.56608 AU
desc. node	-1712 Apr 05 j 01:24	26°♄24'43		morning rise	-1711 Mar 22 j 14:23	3°♄48'39	
morning rise	-1712 Apr 11 j 17:08	23°♄26'24		desc. node	-1711 Mar 22 j 22:26	3°♄41'28	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

direct	-1711 Mar 27 j 11:14	2° X 53'44		morning max el	-1710 Mar 23 j 08:43	20° \approx 55'20	26°35'31
morning max el	-1711 Apr 10 j 15:40	10° X 09'46	25°13'26		-1710 Mar 31 j 05:24	0° X	
	-1711 Apr 25 j 14:53	0° Y			-1710 Apr 18 j 06:20	0° Y	
morning set	-1711 May 07 j 06:45	22° Y 09'11		morning set	-1710 Apr 21 j 17:36	7° Y 05'23	
asc. node	-1711 May 09 j 01:30	25° Y 56'15		asc. node	-1710 Apr 25 j 22:32	16° Y 05'28	
	-1711 May 10 j 22:41	0° Z					
superior conj	-1711 May 14 j 06:50	7° Z 16'43	0°52'31	superior conj	-1710 Apr 28 j 18:25	22° Y 16'55	0°29'28
minimum elong	-1711 May 14 j 04:45	7° Z 05'23	0°52'09	minimum elong	-1710 Apr 28 j 17:09	22° Y 09'57	0°29'12
max. Earth dist.	-1711 May 15 j 09:26	9° Z 41'25	1.32860 AU	max. Earth dist.	-1710 Apr 28 j 21:57	22° Y 36'14	1.32493 AU
evening rise	-1711 May 21 j 10:52	22° Z 32'24		evening rise	-1710 May 02 j 07:16	0° Z	
	-1711 May 25 j 04:23	0° II			-1710 May 05 j 17:53	7° Z 19'54	
	-1711 Jun 12 j 06:57	0° E			-1710 May 17 j 16:54	0° II	
desc. node	-1711 Jun 18 j 21:39	8° E 12'45		evening max el	-1710 Jun 04 j 14:52	23° II 59'54	26°39'20
evening max el	-1711 Jun 22 j 12:02	11° E 56'19	27°18'03	desc. node	-1710 Jun 05 j 18:42	25° II 04'11	
retrograde	-1711 Jul 06 j 08:34	19° E 16'14		retrograde	-1710 Jun 13 j 00:47	0° E	
evening set	-1711 Jul 13 j 11:38	16° E 51'25			-1710 Jun 18 j 15:03	1° E 16'33	
min. Earth dist.	-1711 Jul 17 j 01:45	13° E 59'55	0.62196 AU		-1710 Jun 24 j 01:40	30° R II	
inferior conj	-1711 Jul 20 j 01:52	11° E 11'40	-4°10'10	evening set	-1710 Jun 25 j 06:44	29° II 22'49	
minimum elong	-1711 Jul 20 j 05:37	11° E 02'52	4°09'31	min. Earth dist.	-1710 Jun 29 j 04:14	26° II 43'34	0.60193 AU
morning rise	-1711 Jul 27 j 00:56	6° E 09'24		inferior conj	-1710 Jul 02 j 12:15	24° II 00'36	-4°31'58
direct	-1711 Jul 29 j 13:44	5° E 41'01		minimum elong	-1710 Jul 02 j 13:46	23° II 57'30	4°31'51
asc. node	-1711 Aug 05 j 00:45	8° E 48'16		morning rise	-1710 Jul 09 j 22:43	19° II 20'14	
morning max el	-1711 Aug 05 j 08:33	9° E 06'58	17°55'39	direct	-1710 Jul 12 j 10:57	18° II 56'35	
	-1711 Aug 19 j 01:26	0° O		morning max el	-1710 Jul 19 j 20:01	22° II 31'42	18°12'22
morning set	-1711 Aug 21 j 12:24	4° O 25'16		asc. node	-1710 Jul 22 j 21:49	26° II 00'24	
					-1710 Jul 25 j 17:18	0° E	
superior conj	-1711 Sep 01 j 11:29	23° O 47'57	1°20'13	morning set	-1710 Aug 04 j 19:19	17° E 50'50	
minimum elong	-1711 Sep 01 j 16:33	24° O 09'39	1°19'43		-1710 Aug 11 j 07:03	0° O	
	-1711 Sep 05 j 03:23	0° P		superior conj	-1710 Aug 14 j 09:35	5° O 40'21	1°39'58
max. Earth dist.	-1711 Sep 08 j 15:53	5° P 49'15	1.42864 AU	minimum elong	-1710 Aug 14 j 12:38	5° O 54'07	1°39'47
desc. node	-1711 Sep 14 j 21:04	15° P 47'44		max. Earth dist.	-1710 Aug 21 j 23:42	18° O 57'35	1.41096 AU
evening rise	-1711 Sep 16 j 02:23	17° P 42'51		evening rise	-1710 Aug 27 j 01:47	27° O 24'39	
	-1711 Sep 24 j 02:29	0° L			-1710 Aug 28 j 16:12	0° P	
	-1711 Oct 15 j 22:44	0° M		desc. node	-1710 Sep 01 j 18:05	6° P 27'25	
evening max el	-1711 Oct 17 j 08:10	1° M 28'40	21°37'44		-1710 Sep 17 j 19:00	0° L	
retrograde	-1711 Oct 26 j 06:51	6° M 47'29		evening max el	-1710 Sep 30 j 00:09	14° L 57'02	22°56'12
evening set	-1711 Oct 30 j 12:36	5° M 08'10		retrograde	-1710 Oct 10 j 01:06	20° L 54'15	
asc. node	-1711 Oct 31 j 23:55	3° M 47'01		evening set	-1710 Oct 14 j 19:58	18° L 56'21	
	-1711 Nov 04 j 01:37	30° R L		asc. node	-1710 Oct 18 j 20:59	14° L 22'43	
inferior conj	-1711 Nov 04 j 21:03	28° L 53'17	1°18'29	inferior conj	-1710 Oct 20 j 03:58	12° L 36'48	0°26'39
minimum elong	-1711 Nov 04 j 19:19	28° L 59'15	1°17'46	minimum elong	-1710 Oct 20 j 03:20	12° L 38'57	0°26'23
min. Earth dist.	-1711 Nov 05 j 02:12	28° L 35'29	0.67433 AU	min. Earth dist.	-1710 Oct 19 j 22:40	12° L 55'03	0.67562 AU
morning rise	-1711 Nov 10 j 01:52	22° L 39'31		morning rise	-1710 Oct 25 j 10:37	6° L 25'39	
direct	-1711 Nov 15 j 01:14	20° L 32'51		direct	-1710 Oct 29 j 19:20	4° L 41'25	
morning max el	-1711 Nov 25 j 05:21	26° L 36'14	23°10'08	morning max el	-1710 Nov 07 j 19:03	9° L 59'26	21°45'20
	-1711 Nov 28 j 08:28	0° N			-1710 Nov 23 j 07:05	0° M	
desc. node	-1711 Dec 11 j 20:25	17° N 51'09		desc. node	-1710 Nov 28 j 17:28	7° N 59'45	
	-1711 Dec 19 j 23:41	0° J		morning set	-1710 Dec 09 j 19:31	25° N 06'28	
morning set	-1711 Dec 29 j 22:40	15° J 58'02			-1710 Dec 12 j 20:34	0° J	
max. Earth dist.	-1710 Jan 03 j 08:42	23° J 28'32	1.39605 AU	max. Earth dist.	-1710 Dec 16 j 08:51	5° J 45'44	1.41642 AU
	-1710 Jan 07 j 01:43	0° S					
superior conj	-1710 Jan 11 j 00:51	7° S 12'01	-1°56'38	superior conj	-1710 Dec 23 j 23:15	18° J 42'44	-1°58'05
minimum elong	-1710 Jan 11 j 02:40	7° S 20'24	1°56'36	minimum elong	-1710 Dec 23 j 21:43	18° J 36'02	1°58'06
evening rise	-1710 Jan 20 j 11:58	25° S 09'08			-1710 Dec 30 j 07:00	0° S	
	-1710 Jan 23 j 00:53	0° \approx		evening rise	-1709 Jan 03 j 16:55	8° S 05'07	
asc. node	-1710 Jan 27 j 23:11	9° \approx 00'40		asc. node	-1709 Jan 14 j 20:14	27° S 30'29	
evening max el	-1710 Feb 05 j 18:49	21° \approx 20'37	18°32'51		-1709 Jan 16 j 13:41	0° \approx	
retrograde	-1710 Feb 13 j 10:35	25° \approx 05'06		evening max el	-1709 Jan 20 j 03:26	4° \approx 14'23	18°11'17
evening set	-1710 Feb 15 j 21:43	24° \approx 43'10		retrograde	-1709 Jan 27 j 00:43	7° \approx 43'25	
inferior conj	-1710 Feb 23 j 09:12	20° \approx 13'52	3°22'20	evening set	-1709 Jan 29 j 15:48	7° \approx 13'41	
minimum elong	-1710 Feb 23 j 12:56	20° \approx 06'30	3°21'39	inferior conj	-1709 Feb 05 j 12:03	2° \approx 22'56	3°51'34
min. Earth dist.	-1710 Feb 26 j 18:57	17° \approx 34'40	0.58414 AU	minimum elong	-1709 Feb 08 j 13:22	2° \approx 19'55	3°51'28
morning rise	-1710 Mar 03 j 01:41	14° \approx 51'46			-1709 Feb 05 j 02:43	30° R S	
direct	-1710 Mar 09 j 01:19	13° \approx 20'50		min. Earth dist.	-1709 Feb 08 j 18:22	29° S 25'38	0.60464 AU
desc. node	-1710 Mar 09 j 19:31	13° \approx 22'17		morning rise	-1709 Feb 12 j 09:15	26° S 40'42	
				direct	-1709 Feb 19 j 02:51	24° S 32'12	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

desc. node	-1709 Feb 24 j 16:35	25° Z 52'49		morning rise	-1708 Jan 25 j 13:10	9° Z 06'25	
	-1709 Mar 02 j 20:19	0° \approx		direct	-1708 Feb 01 j 13:48	6° Z 29'12	
morning max el	-1709 Mar 05 j 07:53	2° \approx 16'47	27°28'28	desc. node	-1708 Feb 11 j 13:40	10° Z 46'30	
	-1709 Mar 25 j 12:38	0° X		morning max el	-1708 Feb 15 j 12:57	14° Z 18'30	27°45'23
morning set	-1709 Apr 06 j 01:31	21° X 51'15			-1708 Feb 28 j 06:27	0° \approx	
	-1709 Apr 09 j 22:00	0° Y			-1708 Mar 16 j 23:58	0° X	
max. Earth dist.	-1709 Apr 12 j 10:56	5° Y 30'41	1.32475 AU	morning set	-1708 Mar 20 j 04:18	6° X 18'27	
asc. node	-1709 Apr 12 j 19:35	6° Y 17'55		max. Earth dist.	-1708 Mar 25 j 20:14	18° X 08'59	1.32820 AU
superior conj	-1709 Apr 13 j 05:57	7° Y 14'35	0°04'35	superior conj	-1708 Mar 27 j 15:40	22° X 03'02	-0°21'23
minimum elong	-1709 Apr 13 j 05:44	7° Y 13'27	0°04'32	minimum elong	-1708 Mar 27 j 16:39	22° X 08'24	0°21'10
behind sun begin	-1709 Apr 13 j 00:53	6° Y 46'56		asc. node	-1708 Mar 29 j 16:38	26° X 28'43	
behind sun end	-1709 Apr 13 j 10:35	7° Y 39'58			-1708 Mar 31 j 07:34	0° Y	
evening rise	-1709 Apr 20 j 04:15	22° Y 15'12		evening rise	-1708 Apr 03 j 15:56	7° Y 10'31	
	-1709 Apr 23 j 22:48	0° Z			-1708 Apr 15 j 17:35	0° Z	
	-1709 May 12 j 13:14	0° II		evening max el	-1708 Apr 28 j 02:16	16° Z 04'49	24°01'55
evening max el	-1709 May 17 j 10:53	5° II 18'54	25°30'38	desc. node	-1708 May 09 j 12:45	22° Z 48'19	
desc. node	-1709 May 23 j 15:43	10° II 08'18		retrograde	-1708 May 11 j 21:54	23° Z 01'18	
retrograde	-1709 May 31 j 12:11	12° II 30'24		evening set	-1708 May 16 j 03:54	22° Z 21'06	
evening set	-1709 Jun 06 j 03:39	11° II 15'16		min. Earth dist.	-1708 May 22 j 13:35	19° Z 15'56	0.56419 AU
min. Earth dist.	-1709 Jun 10 j 22:54	8° II 30'36	0.58164 AU	inferior conj	-1708 May 25 j 00:37	17° Z 44'38	-3°46'48
inferior conj	-1709 Jun 14 j 04:30	6° II 13'49	-4°28'03	minimum elong	-1708 May 24 j 18:31	17° Z 54'07	3°45'32
minimum elong	-1709 Jun 14 j 02:07	6° II 18'03	4°27'51	morning rise	-1708 Jun 02 j 12:09	13° Z 43'43	
morning rise	-1709 Jun 22 j 03:18	1° II 55'38		direct	-1708 Jun 05 j 01:48	13° Z 26'28	
direct	-1709 Jun 24 j 16:00	1° II 35'39		morning max el	-1708 Jun 14 j 21:30	17° Z 59'17	19°47'00
morning max el	-1709 Jul 03 j 01:15	5° II 32'13	18°49'19		-1708 Jun 23 j 23:58	0° II	
asc. node	-1709 Jul 09 j 18:52	14° II 05'42		asc. node	-1708 Jun 25 j 15:55	2° II 51'56	
	-1709 Jul 18 j 14:50	0° III		morning set	-1708 Jul 02 j 15:23	16° II 14'32	
morning set	-1709 Jul 19 j 13:25	1° III 50'03			-1708 Jul 09 j 10:37	0° III	
superior conj	-1709 Jul 28 j 04:14	18° III 34'56	1°47'47	superior conj	-1708 Jul 10 j 13:55	2° III 16'03	1°46'11
minimum elong	-1709 Jul 28 j 04:55	18° III 38'11	1°47'48	minimum elong	-1708 Jul 10 j 12:47	2° III 10'27	1°46'11
	-1709 Aug 03 j 08:34	0° IV		max. Earth dist.	-1708 Jul 16 j 05:51	13° III 13'51	1.37180 AU
max. Earth dist.	-1709 Aug 04 j 02:48	1° IV 21'26	1.39113 AU	evening rise	-1708 Jul 20 j 02:38	20° III 20'47	
evening rise	-1709 Aug 08 j 02:04	8° IV 17'04			-1708 Jul 25 j 15:28	0° IV	
desc. node	-1709 Aug 19 j 15:06	26° IV 57'52		desc. node	-1708 Aug 05 j 12:06	17° IV 14'01	
	-1709 Aug 21 j 15:11	0° V			-1708 Aug 14 j 15:01	0° V	
evening max el	-1709 Sep 12 j 12:24	28° V 27'28	24°16'26	evening max el	-1708 Aug 24 j 23:28	12° V 01'16	25°31'14
	-1709 Sep 14 j 03:16	0° VI		retrograde	-1708 Sep 06 j 02:24	19° V 00'22	
retrograde	-1709 Sep 23 j 15:54	5° VI 00'00		evening set	-1708 Sep 12 j 02:26	16° V 27'33	
evening set	-1709 Sep 29 j 01:11	2° VI 43'27		min. Earth dist.	-1708 Sep 16 j 11:24	11° V 35'30	0.66875 AU
	-1709 Oct 01 j 15:37	30° VI 00'00		inferior conj	-1708 Sep 17 j 13:58	10° V 09'46	-1°22'14
inferior conj	-1709 Oct 04 j 10:11	26° VI 22'52	-0°27'27	minimum elong	-1708 Sep 17 j 15:59	10° V 03'16	1°21'24
minimum elong	-1709 Oct 04 j 10:51	26° VI 20'38	0°27'10	asc. node	-1708 Sep 21 j 15:06	5° VI 28'24	
min. Earth dist.	-1709 Oct 03 j 18:31	27° VI 15'40	0.67378 AU	morning rise	-1708 Sep 23 j 05:42	4° VI 12'02	
asc. node	-1709 Oct 05 j 18:03	24° VI 36'58		direct	-1708 Sep 26 j 14:25	3° VI 06'34	
morning rise	-1709 Oct 09 j 20:31	20° VI 17'01		morning max el	-1708 Oct 03 j 19:39	7° VI 13'18	19°26'23
direct	-1709 Oct 13 j 16:10	18° VI 53'39			-1708 Oct 20 j 06:06	0° VII	
morning max el	-1709 Oct 21 j 15:39	23° VI 31'50	20°29'20	morning set	-1708 Oct 27 j 20:10	11° VII 44'51	
	-1709 Oct 27 j 03:33	0° VII		desc. node	-1708 Nov 01 j 11:32	18° VII 58'51	
desc. node	-1709 Nov 15 j 14:30	28° VII 23'49			-1708 Nov 08 j 12:08	0° VIII	
	-1709 Nov 16 j 15:31	0° VIII		max. Earth dist.	-1708 Nov 10 j 05:53	2° VIII 44'52	1.44489 AU
morning set	-1709 Nov 18 j 19:15	3° VIII 19'55		superior conj	-1708 Nov 13 j 14:24	8° VIII 04'43	-1°13'17
max. Earth dist.	-1709 Nov 28 j 16:14	18° VIII 55'19	1.43344 AU	minimum elong	-1708 Nov 13 j 06:42	7° VIII 34'00	1°12'28
superior conj	-1709 Dec 04 j 20:12	29° VIII 00'02	-1°44'33		-1708 Nov 27 j 01:15	0° IX	
minimum elong	-1709 Dec 04 j 14:18	28° VIII 35'34	1°44'10	evening rise	-1708 Nov 27 j 22:41	1° IX 29'11	
	-1709 Dec 05 j 10:37	0° X			-1708 Dec 16 j 10:52	0° X	
evening rise	-1709 Dec 17 j 05:58	20° X 14'30		evening max el	-1708 Dec 17 j 03:47	0° X 44'48	18°26'06
	-1709 Dec 22 j 20:01	0° XI		asc. node	-1708 Dec 18 j 14:20	2° X 05'21	
asc. node	-1708 Jan 01 j 17:18	15° X 16'09		retrograde	-1708 Dec 23 j 17:22	4° X 21'12	
evening max el	-1708 Jan 03 j 15:19	17° X 24'23	18°09'17	evening set	-1708 Dec 26 j 16:48	3° X 32'45	
retrograde	-1708 Jan 10 j 04:27	20° X 51'29			-1708 Dec 30 j 22:13	30° X 00'00	
evening set	-1708 Jan 12 j 23:19	20° X 13'00		inferior conj	-1707 Jan 01 j 16:09	28° X 02'25	3°38'50
inferior conj	-1708 Jan 19 j 07:40	15° X 01'35	3°54'33	minimum elong	-1707 Jan 01 j 13:49	28° X 09'10	3°38'26
minimum elong	-1708 Jan 19 j 06:44	15° X 03'58	3°54'29	min. Earth dist.	-1707 Jan 03 j 19:52	25° X 33'50	0.64198 AU
min. Earth dist.	-1708 Jan 22 j 02:15	12° X 09'39	0.62459 AU	morning rise	-1707 Jan 07 j 10:18	21° X 58'53	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

direct	-1707 Jan 14 j 08:26	19° ♊ 07'47		minimum elong	-1707 Dec 16 j 07:05	11° ♊ 27'57	3°09'13
morning max el	-1707 Jan 27 j 21:32	26° ♊ 54'16	27°26'23	min. Earth dist.	-1707 Dec 17 j 22:47	9° ♊ 24'04	0.65572 AU
desc. node	-1707 Jan 28 j 10:45	27° ♊ 27'32		morning rise	-1707 Dec 21 j 20:38	5° ♊ 09'43	
	-1707 Jan 30 j 19:49	0° ♊		direct	-1707 Dec 28 j 09:21	2° ♊ 19'34	
	-1707 Feb 20 j 21:01	0° ♊		morning max el	-1706 Jan 10 j 07:05	9° ♊ 52'47	26°36'51
morning set	-1707 Mar 03 j 23:17	20° ♊ 18'06		desc. node	-1706 Jan 15 j 07:49	15° ♊ 25'03	
	-1707 Mar 08 j 18:19	0° ♊			-1706 Jan 26 j 05:32	0° ♊	
max. Earth dist.	-1707 Mar 08 j 21:56	0° ♊ 18'44	1.33571 AU		-1706 Feb 13 j 08:09	0° ♊	
				morning set	-1706 Feb 15 j 06:58	3° ♊ 39'17	
superior conj	-1707 Mar 11 j 21:46	6° ♊ 36'15	-0°47'22	max. Earth dist.	-1706 Feb 19 j 12:55	11° ♊ 54'15	1.34767 AU
minimum elong	-1707 Mar 11 j 23:57	6° ♊ 47'51	0°46'56				
asc. node	-1707 Mar 16 j 13:39	16° ♊ 33'50		superior conj	-1706 Feb 23 j 22:05	20° ♊ 47'33	-1°12'08
evening rise	-1707 Mar 19 j 03:11	21° ♊ 59'44		minimum elong	-1706 Feb 24 j 01:14	21° ♊ 03'48	1°11'38
	-1707 Mar 23 j 01:11	0° ♊			-1706 Feb 28 j 08:04	0° ♊	
evening max el	-1707 Apr 09 j 19:01	26° ♊ 43'55	22°27'13	asc. node	-1706 Mar 03 j 10:41	6° ♊ 29'05	
	-1707 Apr 13 j 18:17	0° ♊		evening rise	-1706 Mar 03 j 12:12	6° ♊ 36'55	
retrograde	-1707 Apr 22 j 18:52	3° ♊ 06'22			-1706 Mar 16 j 09:36	0° ♊	
evening set	-1707 Apr 25 j 18:16	2° ♊ 46'56		evening max el	-1706 Mar 22 j 19:21	7° ♊ 43'19	20°59'35
desc. node	-1707 Apr 26 j 09:48	2° ♊ 37'47		retrograde	-1706 Apr 03 j 08:07	13° ♊ 16'09	
	-1707 May 02 j 15:06	30° ♊		evening set	-1706 Apr 05 j 15:27	13° ♊ 03'41	
min. Earth dist.	-1707 May 04 j 03:07	29° ♊ 09'52	0.55314 AU	desc. node	-1706 Apr 13 j 06:52	10° ♊ 00'19	
inferior conj	-1707 May 05 j 03:07	28° ♊ 35'45	-2°22'19	inferior conj	-1706 Apr 14 j 21:49	9° ♊ 05'38	-0°27'35
minimum elong	-1707 May 04 j 21:08	28° ♊ 44'17	2°20'26	minimum elong	-1706 Apr 14 j 20:31	9° ♊ 07'28	0°27'06
morning rise	-1707 May 14 j 01:47	24° ♊ 40'14		min. Earth dist.	-1706 Apr 15 j 16:38	8° ♊ 38'56	0.55099 AU
direct	-1707 May 16 j 19:17	24° ♊ 23'09		morning rise	-1706 Apr 24 j 01:08	4° ♊ 58'21	
morning max el	-1707 May 28 j 06:54	29° ♊ 45'07	21°04'29	direct	-1706 Apr 27 j 06:38	4° ♊ 35'44	
	-1707 May 28 j 13:14	0° ♊		morning max el	-1706 May 10 j 05:48	10° ♊ 50'00	22°37'49
asc. node	-1707 Jun 12 j 12:58	22° ♊ 08'52			-1706 May 24 j 05:47	0° ♊	
	-1707 Jun 16 j 11:31	0° ♊		asc. node	-1706 May 30 j 10:01	11° ♊ 48'39	
morning set	-1707 Jun 16 j 22:39	0° ♊ 57'08		morning set	-1706 Jun 01 j 09:13	15° ♊ 52'01	
					-1706 Jun 08 j 00:56	0° ♊	
superior conj	-1707 Jun 24 j 10:12	16° ♊ 30'26	1°37'22	superior conj	-1706 Jun 08 j 13:48	1° ♊ 08'18	1°23'05
minimum elong	-1707 Jun 24 j 08:00	16° ♊ 19'08	1°37'14	minimum elong	-1706 Jun 08 j 11:14	0° ♊ 54'40	1°22'47
max. Earth dist.	-1707 Jun 28 j 15:26	25° ♊ 03'00	1.35504 AU	max. Earth dist.	-1706 Jun 11 j 10:56	7° ♊ 11'11	1.34186 AU
	-1707 Jul 01 j 04:09	0° ♊		evening rise	-1706 Jun 16 j 09:29	17° ♊ 10'32	
evening rise	-1707 Jul 02 j 22:46	3° ♊ 23'14			-1706 Jun 23 j 05:49	0° ♊	
	-1707 Jul 18 j 13:05	0° ♊		desc. node	-1706 Jul 10 j 06:05	26° ♊ 33'22	
desc. node	-1707 Jul 23 j 09:05	7° ♊ 08'52			-1706 Jul 12 j 21:48	0° ♊	
evening max el	-1707 Aug 07 j 11:00	25° ♊ 34'52	26°32'37	evening max el	-1706 Jul 20 j 22:45	8° ♊ 59'18	27°12'43
	-1707 Aug 12 j 18:10	0° ♊		retrograde	-1706 Aug 03 j 07:44	16° ♊ 19'21	
retrograde	-1707 Aug 20 j 07:51	2° ♊ 49'05		evening set	-1706 Aug 10 j 08:01	13° ♊ 32'53	
evening set	-1707 Aug 26 j 21:33	0° ♊ 05'12		min. Earth dist.	-1706 Aug 14 j 02:33	9° ♊ 55'32	0.64836 AU
	-1707 Aug 27 j 00:00	30° ♊		inferior conj	-1706 Aug 16 j 06:18	7° ♊ 31'45	-3°06'16
min. Earth dist.	-1707 Aug 30 j 22:51	25° ♊ 50'41	0.66036 AU	minimum elong	-1706 Aug 16 j 10:27	7° ♊ 20'12	3°04'58
inferior conj	-1707 Sep 01 j 13:24	23° ♊ 54'00	-2°15'56	morning rise	-1706 Aug 22 j 13:30	2° ♊ 00'04	
minimum elong	-1707 Sep 01 j 16:40	23° ♊ 44'07	2°14'44	direct	-1706 Aug 25 j 07:29	1° ♊ 19'58	
morning rise	-1707 Sep 07 j 12:08	18° ♊ 07'35		asc. node	-1706 Aug 26 j 09:13	1° ♊ 26'06	
asc. node	-1707 Sep 08 j 12:09	17° ♊ 39'17		morning max el	-1706 Aug 31 j 19:52	4° ♊ 50'07	18°07'58
direct	-1707 Sep 10 j 12:17	17° ♊ 16'29			-1706 Sep 17 j 14:12	0° ♊	
morning max el	-1707 Sep 17 j 05:46	21° ♊ 00'41	18°38'49	morning set	-1706 Sep 18 j 22:21	2° ♊ 14'30	
	-1707 Sep 24 j 05:51	0° ♊					
morning set	-1707 Oct 07 j 19:09	21° ♊ 18'19		superior conj	-1706 Oct 02 j 20:44	25° ♊ 04'07	0°21'45
	-1707 Oct 13 j 05:54	0° ♊		minimum elong	-1706 Oct 02 j 23:21	25° ♊ 14'34	0°21'25
desc. node	-1707 Oct 19 j 08:32	9° ♊ 40'29			-1706 Oct 05 j 23:03	0° ♊	
				desc. node	-1706 Oct 06 j 05:30	0° ♊ 25'35	
superior conj	-1707 Oct 23 j 15:26	16° ♊ 25'49	-0°27'29	max. Earth dist.	-1706 Oct 06 j 18:15	1° ♊ 16'01	1.44662 AU
minimum elong	-1707 Oct 23 j 11:48	16° ♊ 11'32	0°27'02	evening rise	-1706 Oct 19 j 09:31	21° ♊ 01'02	
max. Earth dist.	-1707 Oct 23 j 23:37	16° ♊ 58'01	1.44944 AU		-1706 Oct 25 j 05:10	0° ♊	
	-1707 Nov 01 j 06:12	0° ♊		greatest brilliancy	-1706 Nov 01 j 12:27	11° ♊ 06'35	-0.7m
evening rise	-1707 Nov 08 j 15:27	11° ♊ 42'53		evening max el	-1706 Nov 13 j 20:41	27° ♊ 37'15	19°51'22
greatest brilliancy	-1707 Nov 16 j 13:38	24° ♊ 20'05	-0.8m		-1706 Nov 16 j 11:41	0° ♊	
	-1707 Nov 20 j 04:24	0° ♊		retrograde	-1706 Nov 21 j 08:54	2° ♊ 00'22	
evening max el	-1707 Nov 30 j 14:19	14° ♊ 10'22	19°00'41	asc. node	-1706 Nov 22 j 08:25	1° ♊ 54'51	
asc. node	-1707 Dec 05 j 11:22	17° ♊ 43'13		evening set	-1706 Nov 24 j 22:08	0° ♊ 46'38	
retrograde	-1707 Dec 07 j 11:49	18° ♊ 05'49			-1706 Nov 25 j 21:57	30° ♊	
evening set	-1707 Dec 10 j 17:14	17° ♊ 05'43		inferior conj	-1706 Nov 30 j 10:19	24° ♊ 46'03	2°31'42
inferior conj	-1707 Dec 16 j 10:00	11° ♊ 18'49	3°09'58				

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1706 Nov 30 j 07:29	24° \mathbb{M} 55'24	2°30'46	morning rise	-1705 Nov 19 j 19:26	2° \mathbb{M} 07'24	
min. Earth dist.	-1706 Dec 01 j 09:34	23° \mathbb{M} 29'09	0.66567 AU		-1705 Nov 23 j 13:35	30° \mathbb{R} $\underline{\mathbb{A}}$	
morning rise	-1706 Dec 05 j 16:39	18° \mathbb{M} 33'22		direct	-1705 Nov 25 j 03:26	29° $\underline{\mathbb{A}}$ 48'30	
direct	-1706 Dec 11 j 15:50	15° \mathbb{M} 55'28			-1705 Nov 26 j 18:46	0° \mathbb{M}	
morning max el	-1706 Dec 23 j 16:01	23° \mathbb{M} 02'50	25°25'00	morning max el	-1705 Dec 06 j 00:42	6° \mathbb{M} 18'04	24°00'36
	-1706 Dec 29 j 20:17	0° \mathbb{A}		desc. node	-1705 Dec 20 j 01:52	23° \mathbb{M} 45'27	
desc. node	-1705 Jan 02 j 04:51	4° \mathbb{A} 16'08			-1705 Dec 24 j 10:09	0° \mathbb{A}	
	-1705 Jan 19 j 13:44	0° \mathbb{B}		morning set	-1704 Jan 10 j 15:53	27° \mathbb{A} 25'49	
morning set	-1705 Jan 28 j 22:29	16° \mathbb{B} 07'06			-1704 Jan 12 j 03:31	0° \mathbb{B}	
max. Earth dist.	-1705 Feb 01 j 16:30	23° \mathbb{B} 02'51	1.36406 AU	max. Earth dist.	-1704 Jan 14 j 12:41	4° \mathbb{B} 11'56	1.38385 AU
	-1705 Feb 05 j 07:29	0° \approx					
				superior conj	-1704 Jan 21 j 17:18	17° \mathbb{B} 27'12	-1°50'39
superior conj	-1705 Feb 07 j 13:48	4° \approx 27'41	-1°34'01	minimum elong	-1704 Jan 21 j 20:12	17° \mathbb{B} 40'59	1°50'30
minimum elong	-1705 Feb 07 j 17:21	4° \approx 45'21	1°33'37		-1704 Jan 28 j 04:30	0° \approx	
evening rise	-1705 Feb 15 j 16:53	20° \approx 54'42		evening rise	-1704 Jan 30 j 14:47	4° \approx 46'28	
asc. node	-1705 Feb 18 j 07:44	26° \approx 08'50		asc. node	-1704 Feb 05 j 04:47	15° \approx 27'24	
	-1705 Feb 20 j 07:26	0° \mathbb{H}			-1704 Feb 14 j 18:05	0° \mathbb{H}	
evening max el	-1705 Mar 05 j 06:18	19° \mathbb{H} 16'48	19°47'21	evening max el	-1704 Feb 16 j 03:38	1° \mathbb{H} 26'54	18°54'17
retrograde	-1705 Mar 15 j 02:10	23° \mathbb{H} 58'27		retrograde	-1704 Feb 24 j 11:37	5° \mathbb{H} 27'57	
evening set	-1705 Mar 17 j 06:58	23° \mathbb{H} 45'23		evening set	-1704 Feb 26 j 19:58	5° \mathbb{H} 10'07	
inferior conj	-1705 Mar 25 j 22:56	19° \mathbb{H} 43'03	1°25'47	inferior conj	-1704 Mar 05 j 17:36	0° \mathbb{H} 52'26	2°50'17
minimum elong	-1705 Mar 26 j 02:24	19° \mathbb{H} 37'39	1°24'38	minimum elong	-1704 Mar 05 j 22:10	0° \mathbb{H} 44'12	2°49'11
min. Earth dist.	-1705 Mar 28 j 06:49	18° \mathbb{H} 16'27	0.55823 AU		-1704 Mar 06 j 22:37	30° \mathbb{R} \approx	
desc. node	-1705 Mar 31 j 03:56	16° \mathbb{H} 38'35		min. Earth dist.	-1704 Mar 08 j 22:57	28° \approx 34'20	0.57319 AU
morning rise	-1705 Apr 03 j 19:31	15° \mathbb{H} 07'50		morning rise	-1704 Mar 13 j 21:31	25° \approx 45'12	
direct	-1705 Apr 07 j 23:46	14° \mathbb{H} 29'06		desc. node	-1704 Mar 17 j 01:00	24° \approx 48'05	
morning max el	-1705 Apr 21 j 21:55	21° \mathbb{H} 26'44	24°18'05	direct	-1704 Mar 19 j 06:07	24° \approx 36'09	
	-1705 Apr 29 j 07:39	0° \mathbb{Y}			-1704 Mar 31 j 07:21	0° \mathbb{H}	
	-1705 May 16 j 11:17	0° \mathbb{B}		morning max el	-1704 Apr 02 j 13:15	2° \mathbb{H} 01'59	25°51'08
morning set	-1705 May 16 j 21:13	0° \mathbb{B} 52'04			-1704 Apr 22 j 07:53	0° \mathbb{Y}	
asc. node	-1705 May 17 j 07:04	1° \mathbb{B} 43'54		morning set	-1704 Apr 30 j 08:59	15° \mathbb{Y} 51'32	
				asc. node	-1704 May 03 j 04:07	21° \mathbb{Y} 49'30	
					-1704 May 06 j 22:09	0° \mathbb{B}	
superior conj	-1705 May 23 j 22:06	16° \mathbb{B} 00'17	1°04'39	superior conj	-1704 May 07 j 09:02	0° \mathbb{B} 59'30	0°43'02
minimum elong	-1705 May 23 j 19:43	15° \mathbb{B} 47'22	1°04'15	minimum elong	-1704 May 07 j 07:15	0° \mathbb{B} 49'48	0°42'41
max. Earth dist.	-1705 May 25 j 15:17	19° \mathbb{B} 42'07	1.33240 AU	max. Earth dist.	-1704 May 08 j 01:43	2° \mathbb{B} 30'41	1.32662 AU
	-1705 May 30 j 13:03	0° \mathbb{I}		evening rise	-1704 May 14 j 10:40	16° \mathbb{B} 08'17	
evening rise	-1705 May 31 j 06:32	1° \mathbb{I} 28'54			-1704 May 21 j 12:00	0° \mathbb{I}	
	-1705 Jun 16 j 04:01	0° \mathbb{E}			-1704 Jun 10 j 08:40	0° \mathbb{E}	
desc. node	-1705 Jun 27 j 03:07	15° \mathbb{E} 14'12		desc. node	-1704 Jun 13 j 00:10	2° \mathbb{E} 52'48	
evening max el	-1705 Jul 03 j 08:48	22° \mathbb{E} 01'16	27°25'05	evening max el	-1704 Jun 14 j 14:46	4° \mathbb{E} 28'31	27°05'24
retrograde	-1705 Jul 17 j 01:45	29° \mathbb{E} 22'11		retrograde	-1704 Jun 28 j 13:11	11° \mathbb{E} 47'52	
evening set	-1705 Jul 24 j 06:31	26° \mathbb{E} 45'07		evening set	-1704 Jul 05 j 12:58	9° \mathbb{E} 34'29	
min. Earth dist.	-1705 Jul 27 j 20:38	23° \mathbb{E} 40'06	0.63259 AU	min. Earth dist.	-1704 Jul 09 j 04:38	6° \mathbb{E} 50'27	0.61365 AU
inferior conj	-1705 Jul 30 j 13:57	20° \mathbb{E} 56'54	-3°49'56	inferior conj	-1704 Jul 12 j 09:08	4° \mathbb{E} 01'41	-4°21'53
minimum elong	-1705 Jul 30 j 18:13	20° \mathbb{E} 46'13	3°48'58	minimum elong	-1704 Jul 12 j 12:10	3° \mathbb{E} 54'57	4°21'29
morning rise	-1705 Aug 06 j 06:57	15° \mathbb{E} 43'20			-1704 Jul 17 j 15:47	30° \mathbb{R} \mathbb{I}	
direct	-1705 Aug 08 j 21:03	15° \mathbb{E} 11'22		morning rise	-1704 Jul 19 j 13:00	29° \mathbb{I} 08'52	
asc. node	-1705 Aug 13 j 06:17	16° \mathbb{E} 44'05		direct	-1704 Jul 22 j 01:16	28° \mathbb{I} 42'48	
morning max el	-1705 Aug 15 j 11:18	18° \mathbb{E} 36'05	17°54'52		-1704 Jul 26 j 06:50	0° \mathbb{E}	
	-1705 Aug 23 j 18:15	0° \mathbb{Q}		morning max el	-1704 Jul 29 j 01:09	2° \mathbb{E} 11'18	18°00'22
morning set	-1705 Sep 01 j 02:12	14° \mathbb{Q} 21'27		asc. node	-1704 Jul 30 j 03:21	3° \mathbb{E} 19'10	
	-1705 Sep 10 j 03:19	0° \mathbb{P}		morning set	-1704 Aug 14 j 00:46	27° \mathbb{E} 22'18	
					-1704 Aug 15 j 11:05	0° \mathbb{Q}	
superior conj	-1705 Sep 13 j 00:54	4° \mathbb{P} 52'02	1°02'41	superior conj	-1704 Aug 24 j 08:40	16° \mathbb{Q} 01'52	1°30'12
minimum elong	-1705 Sep 13 j 06:14	5° \mathbb{P} 14'10	1°02'05	minimum elong	-1704 Aug 24 j 13:01	16° \mathbb{Q} 20'56	1°29'50
max. Earth dist.	-1705 Sep 19 j 10:11	15° \mathbb{P} 19'05	1.43684 AU	max. Earth dist.	-1704 Aug 31 j 20:46	28° \mathbb{Q} 49'15	1.42148 AU
desc. node	-1705 Sep 23 j 02:30	21° \mathbb{P} 11'22			-1704 Sep 01 j 13:53	0° \mathbb{P}	
evening rise	-1705 Sep 28 j 15:28	29° \mathbb{P} 51'20		evening rise	-1704 Sep 07 j 03:45	9° \mathbb{P} 01'31	
	-1705 Sep 28 j 17:42	0° $\underline{\mathbb{A}}$		desc. node	-1704 Sep 08 j 23:31	11° \mathbb{P} 54'22	
	-1705 Oct 18 j 23:14	0° \mathbb{M}			-1704 Sep 20 j 22:00	0° $\underline{\mathbb{A}}$	
evening max el	-1705 Oct 27 j 21:27	11° \mathbb{M} 04'13	20°55'47	evening max el	-1704 Oct 09 j 16:18	24° $\underline{\mathbb{A}}$ 31'13	22°10'31
retrograde	-1705 Nov 05 j 06:19	16° \mathbb{M} 01'54		retrograde	-1704 Oct 19 j 02:12	0° \mathbb{M} 07'08	
evening set	-1705 Nov 09 j 05:25	14° \mathbb{M} 32'27			-1704 Oct 20 j 06:28	30° \mathbb{R} $\underline{\mathbb{A}}$	
asc. node	-1705 Nov 09 j 05:29	14° \mathbb{M} 32'20					
inferior conj	-1705 Nov 14 j 14:45	8° \mathbb{M} 21'34	1°46'41				
minimum elong	-1705 Nov 14 j 12:31	8° \mathbb{M} 29'13	1°45'49				
min. Earth dist.	-1705 Nov 15 j 02:07	7° \mathbb{M} 42'38	0.67204 AU				

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening set	-1704 Oct 23 j 13:13	28° Ω 20'06		inferior conj	-1703 Oct 13 j 04:07	5° Ω 47'49	0°03'55
asc. node	-1704 Oct 26 j 02:33	25° Ω 43'26		minimum elong	-1703 Oct 13 j 04:01	5° Ω 48'09	0°03'52
inferior conj	-1704 Oct 28 j 21:16	22° Ω 02'35	0°56'51	transit middle	-1703 Oct 13 j 04:01	5° Ω 48'09	0°03'52
minimum elong	-1704 Oct 28 j 19:59	22° Ω 07'02	0°56'19	transit begin	-1703 Oct 13 j 01:23	5° Ω 57'10	
min. Earth dist.	-1704 Oct 28 j 21:56	22° Ω 00'18	0.67518 AU	transit end	-1703 Oct 13 j 06:39	5° Ω 39'08	
morning rise	-1704 Nov 03 j 02:36	15° Ω 49'23		min. Earth dist.	-1703 Oct 12 j 18:32	6° Ω 20'39	0.67525 AU
direct	-1704 Nov 07 j 19:31	13° Ω 52'20			-1703 Oct 18 j 01:29	30° \mathbb{R} \mathbb{M}	
morning max el	-1704 Nov 17 j 11:29	19° Ω 36'53	22°33'19	morning rise	-1703 Oct 18 j 12:06	29° \mathbb{M} 38'20	
	-1704 Nov 26 j 04:34	0° \mathbb{M}		direct	-1703 Oct 22 j 15:05	28° \mathbb{M} 03'04	
desc. node	-1704 Dec 05 j 22:54	13° \mathbb{M} 41'37			-1703 Oct 27 j 16:00	0° Ω	
	-1704 Dec 16 j 15:34	0° \mathbb{A}		morning max el	-1703 Oct 31 j 03:44	3° Ω 03'16	21°11'28
morning set	-1704 Dec 21 j 05:17	7° \mathbb{A} 20'45			-1703 Nov 20 j 04:51	0° \mathbb{M}	
max. Earth dist.	-1704 Dec 26 j 08:45	15° \mathbb{A} 54'35	1.40488 AU	desc. node	-1703 Nov 22 j 19:56	3° \mathbb{M} 57'23	
				morning set	-1703 Nov 30 j 15:03	15° \mathbb{M} 58'40	
superior conj	-1703 Jan 03 j 03:49	29° \mathbb{A} 33'24	-1°58'49	max. Earth dist.	-1703 Dec 08 j 11:23	28° \mathbb{M} 32'50	1.42426 AU
minimum elong	-1703 Jan 03 j 04:26	29° \mathbb{A} 36'11	1°58'51		-1703 Dec 09 j 08:39	0° \mathbb{A}	
	-1703 Jan 03 j 09:43	0° \mathbb{B}		superior conj	-1703 Dec 15 j 15:55	10° \mathbb{A} 33'51	-1°54'26
evening rise	-1703 Jan 13 j 02:51	18° \mathbb{B} 04'06		minimum elong	-1703 Dec 15 j 12:30	10° \mathbb{A} 19'20	1°54'18
	-1703 Jan 19 j 13:46	0° \approx			-1703 Dec 26 j 16:30	0° \mathbb{B}	
asc. node	-1703 Jan 22 j 01:50	4° \approx 17'05		evening rise	-1703 Dec 27 j 01:29	0° \mathbb{B} 40'27	
evening max el	-1703 Jan 29 j 08:59	14° \approx 06'50	18°21'20	asc. node	-1702 Jan 08 j 22:52	22° \mathbb{B} 29'10	
retrograde	-1703 Feb 05 j 15:37	17° \approx 42'51		evening max el	-1702 Jan 12 j 19:21	27° \mathbb{B} 08'16	18°08'09
evening set	-1703 Feb 08 j 04:25	17° \approx 17'50			-1702 Jan 16 j 18:59	0° \approx	
inferior conj	-1703 Feb 15 j 09:03	12° \approx 39'51	3°38'26	retrograde	-1702 Jan 19 j 11:50	0° \approx 34'35	
minimum elong	-1703 Feb 15 j 11:50	12° \approx 34'01	3°38'04	evening set	-1702 Jan 22 j 04:37	0° \approx 01'07	
min. Earth dist.	-1703 Feb 18 j 18:57	9° \approx 49'34	0.59271 AU		-1702 Jan 22 j 05:43	30° \mathbb{R} \mathbb{B}	
morning rise	-1703 Feb 22 j 17:01	7° \approx 08'00		inferior conj	-1702 Jan 28 j 19:24	25° \mathbb{B} 01'34	3°55'33
direct	-1703 Mar 01 j 01:42	5° \approx 20'14		minimum elong	-1702 Jan 28 j 19:42	25° \mathbb{B} 00'52	3°55'32
desc. node	-1703 Mar 03 j 22:04	5° \approx 41'11		min. Earth dist.	-1702 Jan 31 j 21:31	22° \mathbb{B} 03'54	0.61337 AU
morning max el	-1703 Mar 15 j 08:38	13° \approx 00'42	27°02'08	morning rise	-1702 Feb 04 j 09:26	19° \mathbb{B} 13'28	
	-1703 Mar 28 j 19:26	0° \mathbb{H}		direct	-1702 Feb 11 j 07:34	16° \mathbb{B} 50'57	
	-1703 Apr 14 j 10:20	0° \mathbb{Y}		desc. node	-1702 Feb 18 j 19:08	19° \mathbb{B} 16'20	
morning set	-1703 Apr 14 j 18:50	0° \mathbb{Y} 44'12		morning max el	-1702 Feb 25 j 10:08	24° \mathbb{B} 37'50	27°40'15
asc. node	-1703 Apr 20 j 01:11	12° \mathbb{Y} 00'48			-1702 Mar 02 j 08:07	0° \approx	
superior conj	-1703 Apr 21 j 20:49	15° \mathbb{Y} 59'42	0°19'06		-1702 Mar 22 j 02:27	0° \mathbb{H}	
minimum elong	-1703 Apr 21 j 19:58	15° \mathbb{Y} 55'04	0°18'55	morning set	-1702 Mar 30 j 00:47	15° \mathbb{H} 22'40	
max. Earth dist.	-1703 Apr 21 j 14:42	15° \mathbb{Y} 26'11	1.32437 AU	max. Earth dist.	-1702 Apr 05 j 02:30	28° \mathbb{H} 14'58	1.32570 AU
	-1703 Apr 28 j 07:56	0° \mathbb{B}			-1702 Apr 05 j 21:49	0° \mathbb{Y}	
evening rise	-1703 Apr 28 j 19:22	1° \mathbb{B} 00'08		superior conj	-1702 Apr 06 j 07:45	0° \mathbb{Y} 54'05	-0°06'23
	-1703 May 14 j 16:13	0° \mathbb{I}		minimum elong	-1702 Apr 06 j 08:02	0° \mathbb{Y} 55'41	0°06'18
evening max el	-1703 May 27 j 14:47	16° \mathbb{I} 13'36	26°13'25	behind sun begin	-1702 Apr 06 j 03:21	0° \mathbb{Y} 30'07	
desc. node	-1703 May 30 j 21:13	19° \mathbb{I} 03'27		behind sun end	-1702 Apr 06 j 12:43	1° \mathbb{Y} 21'15	
retrograde	-1703 Jun 10 j 16:22	23° \mathbb{I} 29'06		asc. node	-1702 Apr 06 j 22:13	2° \mathbb{Y} 13'01	
evening set	-1703 Jun 16 j 23:01	21° \mathbb{I} 51'35		evening rise	-1702 Apr 13 j 06:29	15° \mathbb{Y} 56'19	
min. Earth dist.	-1703 Jun 21 j 03:47	19° \mathbb{I} 11'52	0.59313 AU		-1702 Apr 20 j 07:20	0° \mathbb{B}	
inferior conj	-1703 Jun 24 j 12:17	16° \mathbb{I} 37'22	-4°34'10	evening max el	-1702 May 09 j 08:35	27° \mathbb{B} 17'20	24°54'46
minimum elong	-1703 Jun 24 j 12:18	16° \mathbb{I} 37'21	4°34'09		-1702 May 12 j 11:31	0° \mathbb{I}	
morning rise	-1703 Jul 02 j 03:54	12° \mathbb{I} 06'31		desc. node	-1702 May 17 j 18:16	3° \mathbb{I} 11'22	
direct	-1703 Jul 04 j 16:04	11° \mathbb{I} 44'40		retrograde	-1702 May 23 j 08:40	4° \mathbb{I} 23'31	
morning max el	-1703 Jul 12 j 10:24	15° \mathbb{I} 27'41	18°25'30	evening set	-1702 May 28 j 10:28	3° \mathbb{I} 24'43	
asc. node	-1703 Jul 17 j 00:25	20° \mathbb{I} 56'06		min. Earth dist.	-1702 Jun 02 j 20:26	0° \mathbb{I} 32'53	0.57367 AU
	-1703 Jul 22 j 14:41	0° \mathbb{O}			-1702 Jun 03 j 16:35	30° \mathbb{R} \mathbb{B}	
morning set	-1703 Jul 28 j 12:59	11° \mathbb{O} 04'01		inferior conj	-1702 Jun 05 j 20:08	28° \mathbb{B} 33'43	-4°15'47
superior conj	-1703 Aug 06 j 16:16	28° \mathbb{O} 23'15	1°44'34	minimum elong	-1702 Jun 05 j 15:57	28° \mathbb{B} 40'44	4°15'14
minimum elong	-1703 Aug 06 j 18:18	28° \mathbb{O} 32'33	1°44'30	morning rise	-1702 Jun 14 j 00:16	24° \mathbb{B} 23'27	
	-1703 Aug 07 j 13:19	0° Ω		direct	-1702 Jun 16 j 13:22	24° \mathbb{B} 04'41	
max. Earth dist.	-1703 Aug 14 j 01:55	11° Ω 37'28	1.40265 AU	morning max el	-1702 Jun 25 j 12:03	28° \mathbb{B} 15'02	19°11'12
evening rise	-1703 Aug 18 j 13:27	19° Ω 13'08			-1702 Jun 27 j 05:13	0° \mathbb{I}	
	-1703 Aug 25 j 05:46	0° \mathbb{M}		asc. node	-1702 Jul 03 j 21:28	9° \mathbb{I} 20'24	
desc. node	-1703 Aug 26 j 20:33	2° \mathbb{M} 31'07		morning set	-1702 Jul 12 j 10:48	25° \mathbb{I} 15'24	
	-1703 Sep 15 j 05:55	0° Ω			-1702 Jul 14 j 20:03	0° \mathbb{O}	
evening max el	-1703 Sep 22 j 06:29	8° Ω 00'52	23°30'31	superior conj	-1702 Jul 20 j 17:55	11° \mathbb{O} 39'23	1°48'06
retrograde	-1703 Oct 02 j 19:05	14° Ω 13'52		minimum elong	-1702 Jul 20 j 17:45	11° \mathbb{O} 38'33	1°48'08
evening set	-1703 Oct 07 j 19:52	12° Ω 08'13		max. Earth dist.	-1702 Jul 27 j 04:37	23° \mathbb{O} 46'58	1.38281 AU
asc. node	-1703 Oct 12 j 23:35	6° Ω 03'21					





































































































































Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1702 Jul 30 j 16:02	0°♌		evening rise	-1701 Jul 13 j 10:03	13°♊07'31	
evening rise	-1702 Jul 31 j 00:33	0°♌37'19			-1701 Jul 23 j 03:41	0°♌	
desc. node	-1702 Aug 13 j 17:35	22°♌56'27		desc. node	-1701 Jul 31 j 14:35	13°♌04'40	
	-1702 Aug 18 j 12:28	0°♍			-1701 Aug 13 j 10:08	0°♍	
evening max el	-1702 Sep 04 j 18:11	21°♍33'45	24°49'20	evening max el	-1701 Aug 18 j 05:18	5°♍08'03	25°59'19
retrograde	-1702 Sep 16 j 07:59	28°♍17'58		retrograde	-1701 Aug 30 j 16:15	12°♍14'28	
evening set	-1702 Sep 21 j 23:36	25°♍54'14		evening set	-1701 Sep 05 j 22:31	9°♍35'52	
min. Earth dist.	-1702 Sep 26 j 13:23	20°♍41'24	0.67214 AU	min. Earth dist.	-1701 Sep 10 j 04:07	4°♍59'57	0.66571 AU
inferior conj	-1702 Sep 27 j 09:31	19°♍34'38	-0°50'39	inferior conj	-1701 Sep 11 j 11:41	3°♍20'38	-1°45'15
minimum elong	-1702 Sep 27 j 10:45	19°♍30'33	0°50'09	minimum elong	-1701 Sep 11 j 14:16	3°♍12'33	1°44'14
asc. node	-1702 Sep 29 j 20:37	16°♍26'53			-1701 Sep 14 j 07:09	30°♌	
morning rise	-1702 Oct 02 j 21:57	13°♍31'53		asc. node	-1701 Sep 16 j 17:41	27°♌48'15	
direct	-1702 Oct 06 j 12:47	12°♍16'23		morning rise	-1701 Sep 17 j 06:14	27°♌27'35	
morning max el	-1702 Oct 14 j 03:29	16°♍39'34	20°00'43	direct	-1701 Sep 20 j 11:02	26°♌28'41	
	-1702 Oct 24 j 12:38	0°♎			-1701 Sep 27 j 00:35	0°♍	
morning set	-1702 Nov 09 j 12:11	24°♎08'21		morning max el	-1701 Sep 27 j 10:23	0°♍24'23	19°04'10
desc. node	-1702 Nov 09 j 16:59	24°♎26'56			-1701 Oct 17 j 23:20	0°♎	
	-1702 Nov 13 j 06:43	0°♏		morning set	-1701 Oct 19 j 20:45	2°♎58'19	
max. Earth dist.	-1702 Nov 20 j 22:13	12°♏03'43	1.43916 AU	desc. node	-1701 Oct 27 j 13:59	15°♎05'17	
				max. Earth dist.	-1701 Nov 03 j 14:25	26°♎07'17	1.44774 AU
superior conj	-1702 Nov 26 j 01:12	20°♏19'26	-1°33'27				
minimum elong	-1702 Nov 25 j 17:56	19°♏49'50	1°32'50	superior conj	-1701 Nov 05 j 09:59	28°♎59'12	-0°55'05
	-1702 Dec 01 j 21:57	0°♐		minimum elong	-1701 Nov 05 j 03:19	28°♎32'52	0°54'18
evening rise	-1702 Dec 09 j 06:25	12°♐27'54			-1701 Nov 06 j 01:22	0°♏	
	-1702 Dec 19 j 15:50	0°♑		evening rise	-1701 Nov 20 j 13:16	23°♏17'27	
asc. node	-1702 Dec 26 j 19:53	9°♑52'45			-1701 Nov 24 j 15:44	0°♐	
evening max el	-1702 Dec 27 j 07:50	10°♑23'50	18°14'11	evening max el	-1701 Dec 10 j 19:41	23°♐46'36	18°38'40
retrograde	-1701 Jan 02 j 20:01	13°♑53'26		asc. node	-1701 Dec 13 j 16:55	26°♐13'31	
evening set	-1701 Jan 05 j 16:48	13°♑10'42		retrograde	-1701 Dec 17 j 11:51	27°♐30'19	
inferior conj	-1701 Jan 11 j 20:57	7°♑50'44	3°49'48	evening set	-1701 Dec 20 j 13:35	26°♐37'08	
minimum elong	-1701 Jan 11 j 19:19	7°♑55'11	3°49'37	inferior conj	-1701 Dec 26 j 09:50	20°♐59'07	3°27'56
min. Earth dist.	-1701 Jan 14 j 09:15	5°♑07'19	0.63239 AU	minimum elong	-1701 Dec 26 j 07:09	21°♐07'09	3°27'22
morning rise	-1701 Jan 17 j 21:08	1°♑51'46		min. Earth dist.	-1701 Dec 28 j 06:59	18°♐44'15	0.64825 AU
	-1701 Jan 20 j 21:32	30°♒♐		morning rise	-1700 Jan 01 j 00:20	14°♐52'46	
direct	-1701 Jan 24 j 21:44	29°♐07'05		direct	-1700 Jan 07 j 18:56	12°♐00'41	
	-1701 Jan 29 j 03:46	0°♑		morning max el	-1700 Jan 21 j 02:32	19°♐43'12	27°08'42
desc. node	-1701 Feb 05 j 16:11	5°♑00'17		desc. node	-1700 Jan 23 j 13:14	22°♐17'10	
morning max el	-1701 Feb 07 j 17:01	6°♑55'23	27°41'37		-1700 Jan 29 j 22:38	0°♑	
	-1701 Feb 25 j 09:29	0°♒			-1700 Feb 18 j 09:37	0°♒	
morning set	-1701 Mar 14 j 00:36	29°♒39'21		morning set	-1700 Feb 25 j 15:15	13°♒23'58	
	-1701 Mar 14 j 04:43	0°♓		max. Earth dist.	-1700 Mar 01 j 06:51	22°♒39'36	1.34024 AU
max. Earth dist.	-1701 Mar 19 j 09:14	10°♓43'36	1.33088 AU				
superior conj	-1701 Mar 21 j 16:09	15°♓36'53	-0°32'28	superior conj	-1700 Mar 04 j 20:02	0°♓01'07	-0°58'07
minimum elong	-1701 Mar 21 j 17:39	15°♓45'00	0°32'08	minimum elong	-1700 Mar 04 j 22:40	0°♓14'58	0°57'38
asc. node	-1701 Mar 24 j 19:15	22°♓22'10			-1700 Mar 04 j 19:49	0°♓	
	-1701 Mar 28 j 08:42	0°♔		asc. node	-1700 Mar 10 j 16:16	12°♓23'26	
evening rise	-1701 Mar 28 j 18:13	0°♔50'10		evening rise	-1700 Mar 12 j 04:43	15°♓34'43	
	-1701 Apr 14 j 04:09	0°♕			-1700 Mar 19 j 12:21	0°♔	
evening max el	-1701 Apr 20 j 23:40	7°♕56'32	23°21'33	evening max el	-1700 Apr 01 j 18:43	18°♔40'01	21°48'23
retrograde	-1701 May 04 j 12:27	14°♕40'46		retrograde	-1700 Apr 14 j 05:22	24°♔43'24	
desc. node	-1701 May 04 j 15:16	14°♕40'44		evening set	-1700 Apr 16 j 19:50	24°♔28'12	
evening set	-1701 May 08 j 04:36	14°♕11'09		desc. node	-1700 Apr 20 j 12:19	23°♔19'49	
min. Earth dist.	-1701 May 15 j 09:57	10°♕54'14	0.55856 AU	inferior conj	-1700 Apr 26 j 05:24	20°♔24'13	-1°35'42
inferior conj	-1701 May 17 j 07:59	9°♕46'15	-3°16'07	minimum elong	-1700 Apr 26 j 01:01	20°♔30'22	1°34'11
minimum elong	-1701 May 17 j 01:17	9°♕56'11	3°14'23	min. Earth dist.	-1700 Apr 25 j 23:15	20°♔32'52	0.55100 AU
morning rise	-1701 May 26 j 00:42	5°♕49'47		morning rise	-1700 May 05 j 07:14	16°♔26'15	
direct	-1701 May 28 j 15:38	5°♕32'56		direct	-1700 May 08 j 04:15	16°♔07'57	
morning max el	-1701 Jun 08 j 03:42	10°♕24'49	20°17'40	morning max el	-1700 May 20 j 08:28	21°♔52'23	21°42'49
asc. node	-1701 Jun 20 j 18:32	28°♕20'53			-1700 May 27 j 06:35	0°♕	
	-1701 Jun 21 j 15:49	0°♖		asc. node	-1700 Jun 06 j 15:36	17°♕48'14	
morning set	-1701 Jun 26 j 15:19	9°♖48'41		morning set	-1700 Jun 10 j 00:12	24°♕37'05	
					-1700 Jun 12 j 13:57	0°♖	
superior conj	-1701 Jul 04 j 08:35	25°♖36'12	1°43'13	superior conj	-1700 Jun 17 j 08:21	10°♖01'52	1°31'55
minimum elong	-1701 Jul 04 j 06:55	25°♖27'46	1°43'10	minimum elong	-1700 Jun 17 j 05:55	9°♖49'10	1°31'41
	-1701 Jul 06 j 13:19	0°♗		max. Earth dist.	-1700 Jun 20 j 23:30	17°♖30'26	1.34889 AU
max. Earth dist.	-1701 Jul 09 j 10:07	5°♗36'09	1.36433 AU	evening rise	-1700 Jun 25 j 12:55	26°♖30'29	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1700 Jun 27 j 09:04	0°☿	superior conj	-1699 Jun 01 j 14:12	24°☿46'28	1°15'43
	-1700 Jul 15 j 12:00	0°♌	minimum elong	-1699 Jun 01 j 11:39	24°☿32'47	1°15'22
desc. node	-1700 Jul 17 j 11:34	2°♌48'19	max. Earth dist.	-1699 Jun 03 j 22:42	29°☿46'44	1.33728 AU
evening max el	-1700 Jul 30 j 16:50	18°♌38'43 26°52'38		-1699 Jun 04 j 01:13	0°♍	
retrograde	-1700 Aug 12 j 19:36	25°♌57'09	evening rise	-1699 Jun 09 j 04:26	10°♍32'13	
evening set	-1700 Aug 19 j 14:22	23°♌10'35		-1699 Jun 19 j 17:23	0°☿	
min. Earth dist.	-1700 Aug 23 j 12:29	19°♌12'21 0.65569 AU	desc. node	-1699 Jul 04 j 08:36	21°☿56'20	
inferior conj	-1700 Aug 25 j 08:40	17°♌03'07 -2°37'53		-1699 Jul 11 j 05:58	0°♌	
minimum elong	-1700 Aug 25 j 12:22	16°♌52'16 2°36'35	evening max el	-1699 Jul 13 j 04:06	1°♌55'16	27°21'52
morning rise	-1700 Aug 31 j 10:51	11°♌22'49	retrograde	-1699 Jul 26 j 17:20	9°♌16'53	
asc. node	-1700 Sep 02 j 14:46	10°♌39'49	evening set	-1699 Aug 02 j 20:14	6°♌32'50	
direct	-1700 Sep 03 j 08:00	10°♌36'58	min. Earth dist.	-1699 Aug 06 j 12:25	3°♌10'01 0.64198 AU	
morning max el	-1700 Sep 09 j 22:38	14°♌14'17 18°23'37	inferior conj	-1699 Aug 08 j 21:59	0°♌36'36 -3°25'55	
	-1700 Sep 21 j 05:43	0°♎	minimum elong	-1699 Aug 09 j 02:19	0°♌25'03 3°24'42	
morning set	-1700 Sep 29 j 07:50	13°♎07'58		-1699 Aug 09 j 11:45	30°♎☿	
	-1700 Oct 09 j 18:56	0°♏	morning rise	-1699 Aug 15 j 09:13	25°☿12'08	
desc. node	-1700 Oct 13 j 10:59	5°♏49'19	direct	-1699 Aug 18 j 01:08	24°☿35'56	
			asc. node	-1699 Aug 20 j 11:51	25°☿06'38	
superior conj	-1700 Oct 14 j 10:07	7°♏20'43 -0°06'16	morning max el	-1699 Aug 24 j 13:39	28°☿03'10 18°00'11	
minimum elong	-1700 Oct 14 j 09:18	7°♏17'29 0°06'09		-1699 Aug 26 j 08:06	0°♌	
behind sun begin	-1700 Oct 13 j 22:49	6°♏36'05	morning set	-1699 Sep 10 j 22:16	24°♌36'36	
behind sun end	-1700 Oct 14 j 19:47	7°♏58'52		-1699 Sep 14 j 02:20	0°♎	
max. Earth dist.	-1700 Oct 16 j 08:40	10°♏24'11 1.44911 AU				
	-1700 Oct 28 j 20:21	0°♎	superior conj	-1699 Sep 23 j 23:44	16°♎25'07 0°40'35	
evening rise	-1700 Oct 30 j 19:52	3°♎06'26	minimum elong	-1699 Sep 24 j 04:03	16°♎42'39 0°40'02	
greatest brilliancy	-1700 Nov 10 j 08:30	19°♎33'54 -0.8m	max. Earth dist.	-1699 Sep 29 j 02:06	24°♎36'49 1.44325 AU	
	-1700 Nov 17 j 09:09	0°♏	desc. node	-1699 Sep 30 j 07:59	26°♎35'26	
evening max el	-1700 Nov 23 j 04:39	7°♏13'11 19°20'20		-1699 Oct 02 j 11:49	0°♏	
asc. node	-1700 Nov 29 j 13:58	11°♏16'42	evening rise	-1699 Oct 10 j 06:50	12°♏07'52	
retrograde	-1700 Nov 30 j 07:50	11°♏19'50		-1699 Oct 22 j 00:35	0°♎	
evening set	-1700 Dec 03 j 16:13	10°♏14'23	evening max el	-1699 Nov 06 j 08:50	20°♎40'44 20°17'16	
inferior conj	-1700 Dec 09 j 06:49	4°♏21'16 2°54'41	retrograde	-1699 Nov 14 j 05:15	25°♎17'45	
minimum elong	-1700 Dec 09 j 03:52	4°♏30'45 2°53'50	asc. node	-1699 Nov 16 j 11:02	24°♎48'53	
min. Earth dist.	-1700 Dec 10 j 13:42	2°♏42'09 0.66042 AU	evening set	-1699 Nov 17 j 22:23	23°♎57'46	
	-1700 Dec 12 j 19:33	30°♎♎	inferior conj	-1699 Nov 23 j 09:10	17°♎52'37 2°13'17	
morning rise	-1700 Dec 14 j 15:14	28°♎10'06	minimum elong	-1699 Nov 23 j 06:33	18°♎01'27 2°12'22	
direct	-1700 Dec 20 j 22:28	25°♎23'54	min. Earth dist.	-1699 Nov 24 j 03:17	16°♎51'41 0.66888 AU	
	-1700 Dec 30 j 11:35	0°♏	morning rise	-1699 Nov 28 j 14:30	11°♎39'00	
morning max el	-1699 Jan 02 j 12:03	2°♏48'34 26°08'19	direct	-1699 Dec 04 j 07:26	9°♎08'16	
desc. node	-1699 Jan 09 j 10:17	10°♏40'02	morning max el	-1699 Dec 15 j 20:32	16°♎00'54 24°49'51	
	-1699 Jan 23 j 04:07	0°♏	desc. node	-1699 Dec 27 j 07:20	29°♎49'13	
morning set	-1699 Feb 07 j 16:42	26°♏24'29		-1699 Dec 27 j 10:31	0°♏	
	-1699 Feb 09 j 14:33	0°♏		-1698 Jan 16 j 02:41	0°♏	
max. Earth dist.	-1699 Feb 11 j 16:38	4°♏00'36 1.35413 AU	morning set	-1698 Jan 20 j 23:37	8°♏25'18	
			max. Earth dist.	-1698 Jan 24 j 15:50	15°♏03'28 1.37218 AU	
superior conj	-1699 Feb 16 j 17:03	14°♏00'00 -1°21'54				
minimum elong	-1699 Feb 16 j 20:27	14°♏17'22 1°21'26	superior conj	-1698 Jan 31 j 04:06	27°♏24'48 -1°41'53	
	-1699 Feb 24 j 11:21	0°♏	minimum elong	-1698 Jan 31 j 07:32	27°♏41'36 1°41'36	
evening rise	-1699 Feb 24 j 12:08	0°♏04'03		-1698 Feb 01 j 11:45	0°♏	
asc. node	-1699 Feb 25 j 13:18	2°♏12'31	evening rise	-1698 Feb 08 j 14:15	14°♏11'49	
evening max el	-1699 Mar 14 j 23:24	29°♏52'47 20°26'39	asc. node	-1698 Feb 12 j 10:21	21°♏44'16	
	-1699 Mar 15 j 02:26	0°♏		-1698 Feb 16 j 23:23	0°♏	
retrograde	-1699 Mar 25 j 19:03	5°♏03'11	evening max el	-1698 Feb 25 j 15:09	11°♏43'27 19°22'23	
evening set	-1699 Mar 27 j 23:47	4°♏51'17	retrograde	-1698 Mar 06 j 18:24	16°♏05'28	
inferior conj	-1699 Apr 06 j 01:04	0°♏53'32 0°22'46	evening set	-1698 Mar 09 j 00:32	15°♏50'42	
minimum elong	-1699 Apr 06 j 02:06	0°♏52'01 0°22'24	inferior conj	-1698 Mar 17 j 08:49	11°♏43'08 2°06'02	
desc. node	-1699 Apr 07 j 09:23	0°♏06'15	minimum elong	-1698 Mar 17 j 13:14	11°♏35'51 2°04'43	
min. Earth dist.	-1699 Apr 07 j 13:17	0°♏00'35 0.55292 AU	min. Earth dist.	-1698 Mar 20 j 04:12	9°♏52'47 0.56383 AU	
	-1699 Apr 07 j 13:42	30°♏♏	desc. node	-1698 Mar 25 j 06:28	7°♏09'42	
morning rise	-1699 Apr 15 j 02:54	26°♏35'16	morning rise	-1698 Mar 25 j 23:10	6°♏54'06	
direct	-1699 Apr 18 j 16:45	26°♏07'23	direct	-1698 Mar 30 j 15:45	6°♏03'48	
	-1699 Apr 28 j 22:43	0°♏	morning max el	-1698 Apr 13 j 18:46	13°♏15'22 24°59'27	
morning max el	-1699 May 02 j 03:54	2°♏42'47 23°20'29		-1698 Apr 26 j 19:26	0°♏	
	-1699 May 20 j 18:05	0°♏	morning set	-1698 May 09 j 23:39	24°♏35'10	
asc. node	-1699 May 24 j 12:39	7°♏35'02	asc. node	-1698 May 11 j 09:42	27°♏35'41	
morning set	-1699 May 25 j 11:32	9°♏34'19		-1698 May 12 j 12:36	0°♏	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1698 May 16 j 23:52	9°  42'43	0°55'49	minimum elong	-1697 May 01 j 09:55	24°  35'10	0°32'49
minimum elong	-1698 May 16 j 21:41	9°  30'53	0°55'26	max. Earth dist.	-1697 May 01 j 18:18	25°  21'08	1.32528 AU
max. Earth dist.	-1698 May 18 j 06:08	12°  27'02	1.32950 AU		-1697 May 03 j 21:20	0° 	
evening rise	-1698 May 24 j 04:54	25°  01'27		evening rise	-1697 May 08 j 11:15	9°  47'08	
	-1698 May 26 j 16:16	0° 			-1697 May 19 j 00:14	0° 	
	-1698 Jun 13 j 07:05	0° 		evening max el	-1697 Jun 07 j 16:39	26°  54'45	26°47'02
desc. node	-1698 Jun 21 j 05:39	10°  13'44		desc. node	-1697 Jun 08 j 02:42	27°  18'27	
evening max el	-1698 Jun 25 j 12:59	14°  44'58	27°20'56		-1697 Jun 11 j 06:58	0° 	
retrograde	-1698 Jul 09 j 08:33	22°  04'50		retrograde	-1697 Jun 21 j 16:18	4°  12'00	
evening set	-1698 Jul 16 j 12:26	19°  36'32		evening set	-1697 Jun 28 j 10:35	2°  12'44	
min. Earth dist.	-1698 Jul 20 j 02:22	16°  41'52	0.62482 AU		-1697 Jul 01 j 16:19	30°  R 	
inferior conj	-1698 Jul 23 j 00:47	13°  54'33	-4°05'22	min. Earth dist.	-1697 Jul 02 j 06:07	29°  32'54	0.60503 AU
minimum elong	-1698 Jul 23 j 04:43	13°  45'09	4°04'37	inferior conj	-1697 Jul 05 j 13:32	26°  47'48	-4°30'05
morning rise	-1698 Jul 29 j 22:14	8°  49'11		minimum elong	-1697 Jul 05 j 15:31	26°  43'40	4°29'55
direct	-1698 Aug 01 j 11:21	8°  19'53		morning rise	-1697 Jul 12 j 22:17	22°  14'14	
asc. node	-1698 Aug 07 j 08:55	10°  59'13		direct	-1697 Jul 15 j 10:30	21°  39'57	
morning max el	-1698 Aug 08 j 04:40	11°  45'09	17°54'51	morning max el	-1697 Jul 22 j 16:50	25°  12'52	18°08'39
	-1698 Aug 20 j 10:36	0° 		asc. node	-1697 Jul 25 j 05:58	28°  12'04	
morning set	-1698 Aug 24 j 10:48	7°  08'44			-1697 Jul 26 j 17:45	0° 	
				morning set	-1697 Aug 07 j 15:41	20°  28'15	
superior conj	-1698 Sep 04 j 15:40	26°  04'49	1°16'04		-1697 Aug 12 j 18:16	0° 	
minimum elong	-1698 Sep 04 j 20:54	27°  01'03	1°15'31				
	-1698 Sep 06 j 13:08	0° 		superior conj	-1697 Aug 17 j 10:12	8°  02'46	1°37'47
max. Earth dist.	-1698 Sep 11 j 16:10	8°  28'33	1.43095 AU	minimum elong	-1697 Aug 17 j 13:37	8°  04'50	1°37'34
desc. node	-1698 Sep 17 j 05:00	17°  20'39		max. Earth dist.	-1697 Aug 25 j 00:49	21°  04'23	1.41375 AU
evening rise	-1698 Sep 19 j 13:10	21°  00'58		evening rise	-1697 Aug 30 j 09:17	0° 	
	-1698 Sep 25 j 09:18	0° 			-1697 Aug 30 j 01:00	0° 	
	-1698 Oct 16 j 14:44	0° 		desc. node	-1697 Sep 04 j 02:02	8°  01'33	
evening max el	-1698 Oct 20 j 07:11	4°  08'23	21°26'34		-1697 Sep 18 j 21:37	0° 	
retrograde	-1698 Oct 29 j 02:06	9°  11'27		evening max el	-1697 Oct 02 j 23:49	17°  03'28	22°44'14
evening set	-1698 Nov 02 j 06:06	7°  14'41		retrograde	-1697 Oct 12 j 20:49	23°  02'20	
asc. node	-1698 Nov 03 j 08:06	6°  14'31		evening set	-1697 Oct 17 j 13:38	21°  03'10	
inferior conj	-1698 Nov 07 j 14:43	1°  30'45	1°26'02	asc. node	-1697 Oct 21 j 05:08	17°  03'31	
minimum elong	-1698 Nov 07 j 12:51	1°  37'11	1°25'17	inferior conj	-1697 Oct 22 j 21:35	15°  03'57	0°34'44
min. Earth dist.	-1698 Nov 07 j 21:27	1°  07'36	0.67387 AU	minimum elong	-1697 Oct 22 j 20:46	15°  06'44	0°34'22
	-1698 Nov 08 j 17:12	30°  R 		min. Earth dist.	-1697 Oct 22 j 17:46	15°  02'70	0.67558 AU
morning rise	-1698 Nov 12 j 19:27	25°  01'54		morning rise	-1697 Oct 28 j 03:49	9°  02'15	
direct	-1698 Nov 17 j 21:03	23°  07'03		direct	-1697 Nov 01 j 14:36	7°  01'48	
morning max el	-1698 Nov 28 j 05:34	29°  01'70	23°23'12	morning max el	-1697 Nov 10 j 18:28	12°  03'38	21°57'34
	-1698 Nov 28 j 22:16	0° 			-1697 Nov 24 j 10:53	0° 	
desc. node	-1698 Dec 14 j 04:21	19°  13'17		desc. node	-1697 Dec 01 j 01:23	9°  13'70	
	-1698 Dec 21 j 06:23	0° 		morning set	-1697 Dec 13 j 06:43	28°  12'51	
morning set	-1697 Jan 02 j 05:38	19°  09'22			-1697 Dec 14 j 05:09	0° 	
max. Earth dist.	-1697 Jan 06 j 11:15	26°  07'24	1.39288 AU	max. Earth dist.	-1697 Dec 19 j 10:21	8°  07'33	1.41352 AU
	-1697 Jan 08 j 12:15	0° 					
				superior conj	-1697 Dec 27 j 02:48	21°  07'44	1°58'46
superior conj	-1697 Jan 14 j 01:04	10°  03'46	-1°55'23	minimum elong	-1697 Dec 27 j 01:53	21°  04'16	1°58'46
minimum elong	-1697 Jan 14 j 03:13	10°  03'49	1°55'20		-1697 Dec 31 j 17:29	0° 	
evening rise	-1697 Jan 23 j 08:24	27°  05'22		evening rise	-1696 Jan 06 j 15:20	10°  05'32	
	-1697 Jan 24 j 11:18	0° 		asc. node	-1696 Jan 17 j 04:26	29°  03'70	
asc. node	-1697 Jan 30 j 07:25	10°  05'14			-1696 Jan 17 j 13:01	0° 	
evening max el	-1697 Feb 08 j 16:15	24°  07'25	18°37'45	evening max el	-1696 Jan 23 j 00:03	6°  05'42	18°13'11
retrograde	-1697 Feb 16 j 11:51	27°  05'54		retrograde	-1696 Jan 29 j 23:29	10°  05'28	
evening set	-1697 Feb 18 j 22:16	27°  03'45		evening set	-1696 Feb 01 j 13:56	9°  05'59	
inferior conj	-1697 Feb 26 j 12:17	23°  08'39	3°15'01	inferior conj	-1696 Feb 08 j 12:15	5°  05'12	3°49'01
minimum elong	-1697 Feb 26 j 16:19	23°  00'54	3°14'13	minimum elong	-1696 Feb 08 j 13:57	5°  08'30	3°48'51
min. Earth dist.	-1697 Mar 01 j 21:21	20°  03'41	0.58118 AU	min. Earth dist.	-1696 Feb 11 j 19:47	2°  05'16	0.60156 AU
morning rise	-1697 Mar 06 j 07:47	17°  05'11			-1696 Feb 14 j 18:50	30°  R 	
direct	-1697 Mar 12 j 03:42	16°  05'25		morning rise	-1696 Feb 15 j 12:08	29°  03'32	
desc. node	-1697 Mar 12 j 03:31	16°  05'25		direct	-1696 Feb 22 j 03:42	27°  03'29	
morning max el	-1697 Mar 26 j 11:15	23°  05'37	26°24'53	desc. node	-1696 Feb 27 j 00:34	28°  03'30	
	-1697 Mar 31 j 22:46	0° 			-1696 Feb 29 j 22:11	0° 	
	-1697 Apr 19 j 17:43	0° 		morning max el	-1696 Mar 07 j 09:30	5°  05'13	27°22'46
morning set	-1697 Apr 24 j 10:48	9°  03'32			-1696 Mar 25 j 19:32	0° 	
asc. node	-1697 Apr 28 j 06:45	17°  04'41		morning set	-1696 Apr 07 j 19:15	24°  03'20	
					-1696 Apr 10 j 11:47	0° 	
superior conj	-1697 May 01 j 11:20	24°  04'25	0°33'06	asc. node	-1696 Apr 14 j 03:47	7°  05'56	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1696 Apr 14 j 22:56	9° Υ 41'12	0°08'26	superior conj	-1695 Mar 30 j 09:02	24° H 31'42	-0°17'26
minimum elong	-1696 Apr 14 j 22:33	9° Υ 39'07	0°08'21	minimum elong	-1695 Mar 30 j 09:50	24° H 36'05	0°17'14
behind sun begin	-1696 Apr 14 j 18:16	9° Υ 15'37		asc. node	-1695 Apr 01 j 00:50	28° H 08'02	
behind sun end	-1696 Apr 15 j 02:50	10° Υ 02'37			-1695 Apr 01 j 21:25	0° Υ	
max. Earth dist.	-1696 Apr 14 j 07:21	8° Υ 15'53	1.32453 AU	evening rise	-1695 Apr 06 j 08:47	9° Υ 37'26	
evening rise	-1696 Apr 21 j 21:12	24° Υ 41'27			-1695 Apr 16 j 22:42	0° B	
	-1696 Apr 24 j 10:44	0° B		evening max el	-1695 May 01 j 05:26	19° B 10'15	24°15'59
	-1696 May 12 j 06:05	0° Π		desc. node	-1695 May 11 j 20:45	25° B 45'42	
evening max el	-1696 May 19 j 13:32	8° Π 19'51	25°42'25	retrograde	-1695 May 15 j 02:47	26° B 09'56	
desc. node	-1696 May 24 j 23:44	12° Π 41'04		evening set	-1695 May 19 j 13:51	25° B 25'26	
retrograde	-1696 Jun 02 j 15:07	15° Π 32'55		min. Earth dist.	-1695 May 25 j 17:01	22° B 24'01	0.56644 AU
evening set	-1696 Jun 08 j 10:55	14° Π 11'54		inferior conj	-1695 May 28 j 07:51	20° B 45'04	-3°55'57
min. Earth dist.	-1696 Jun 13 j 01:47	11° Π 29'04	0.58454 AU	minimum elong	-1695 May 28 j 02:10	20° B 54'05	3°54'52
inferior conj	-1696 Jun 16 j 08:40	9° Π 06'56	-4°30'50	morning rise	-1695 Jun 05 j 17:28	16° B 41'59	
minimum elong	-1696 Jun 16 j 06:56	9° Π 10'05	4°30'43	direct	-1695 Jun 08 j 06:54	16° B 24'25	
morning rise	-1696 Jun 24 j 05:36	4° Π 45'41		morning max el	-1695 Jun 17 j 20:58	20° B 51'09	19°37'02
direct	-1696 Jun 26 j 18:05	4° Π 25'19			-1695 Jun 25 j 03:54	0° Π	
morning max el	-1696 Jul 04 j 23:12	8° Π 17'54	18°42'30	asc. node	-1695 Jun 28 j 00:05	4° Π 41'44	
asc. node	-1696 Jul 11 j 03:02	16° Π 00'25		morning set	-1695 Jul 05 j 09:18	18° Π 44'48	
	-1696 Jul 19 j 01:51	0° B			-1695 Jul 10 j 23:17	0° B	
morning set	-1696 Jul 21 j 08:18	4° B 23'00					
				superior conj	-1695 Jul 13 j 09:53	4° B 51'41	1°46'56
superior conj	-1696 Jul 30 j 02:07	21° B 16'09	1°47'15	minimum elong	-1695 Jul 13 j 08:59	4° B 47'14	1°46'56
minimum elong	-1696 Jul 30 j 03:08	21° B 20'58	1°47'16	max. Earth dist.	-1695 Jul 19 j 06:47	16° B 08'35	1.37459 AU
	-1696 Aug 03 j 19:33	0° Ω		evening rise	-1695 Jul 23 j 02:57	23° B 09'24	
max. Earth dist.	-1696 Aug 06 j 04:05	4° Ω 12'29	1.39408 AU		-1695 Jul 27 j 00:55	0° Ω	
evening rise	-1696 Aug 10 j 05:41	11° Ω 14'57		desc. node	-1695 Aug 07 j 20:04	18° Ω 52'51	
desc. node	-1696 Aug 20 j 23:03	28° Ω 33'48			-1695 Aug 15 j 15:32	0° H	
	-1696 Aug 21 j 21:36	0° H		evening max el	-1695 Aug 27 j 23:35	14° H 40'12	25°20'45
	-1696 Sep 13 j 10:24	0° A		retrograde	-1695 Sep 08 j 23:21	21° H 35'47	
evening max el	-1696 Sep 14 j 12:22	1° A 06'15	24°04'42	evening set	-1695 Sep 14 j 21:10	19° H 05'18	
retrograde	-1696 Sep 25 j 12:13	7° A 34'19		min. Earth dist.	-1695 Sep 19 j 07:24	14° H 07'42	0.66974 AU
evening set	-1696 Sep 30 j 19:14	5° A 20'33		inferior conj	-1695 Sep 20 j 08:15	12° H 46'54	-1°13'57
	-1696 Oct 05 j 10:12	30° R H		minimum elong	-1695 Sep 20 j 10:03	12° H 41'00	1°13'12
min. Earth dist.	-1696 Oct 05 j 13:54	29° H 47'30	0.67421 AU	asc. node	-1695 Sep 23 j 23:13	8° H 27'44	
inferior conj	-1696 Oct 06 j 03:59	28° H 59'48	-0°19'08	morning rise	-1695 Sep 25 j 23:04	6° H 47'39	
minimum elong	-1696 Oct 06 j 04:26	28° H 58'15	0°18'57	direct	-1695 Sep 29 j 09:17	5° H 39'39	
asc. node	-1696 Oct 07 j 02:10	27° H 45'10		morning max el	-1695 Oct 06 j 16:45	9° H 50'24	19°34'45
morning rise	-1696 Oct 11 j 13:38	22° H 52'52			-1695 Oct 21 j 11:59	0° A	
direct	-1696 Oct 15 j 11:05	21° H 26'33		morning set	-1695 Oct 31 j 07:23	15° A 05'56	
morning max el	-1696 Oct 23 j 13:53	26° H 10'23	20°39'53	desc. node	-1695 Nov 03 j 19:26	20° A 32'44	
	-1696 Oct 26 j 23:44	0° A			-1695 Nov 09 j 20:21	0° M	
desc. node	-1696 Nov 16 j 22:24	29° A 59'05		max. Earth dist.	-1695 Nov 13 j 05:05	5° M 18'47	1.44363 AU
	-1696 Nov 16 j 22:38	0° M					
morning set	-1696 Nov 21 j 08:21	6° M 47'39		superior conj	-1695 Nov 17 j 01:36	11° M 27'29	-1°19'07
max. Earth dist.	-1696 Nov 30 j 16:15	21° M 34'07	1.43121 AU	minimum elong	-1695 Nov 16 j 17:49	10° M 56'17	1°18'20
	-1696 Dec 05 j 19:48	0° X			-1695 Nov 28 j 09:49	0° X	
				evening rise	-1695 Dec 01 j 02:55	4° X 32'14	
superior conj	-1696 Dec 07 j 03:44	2° X 13'01	-1°47'44		-1695 Dec 17 j 01:59	0° B	
minimum elong	-1696 Dec 06 j 22:27	1° X 50'57	1°47'25	evening max el	-1695 Dec 20 j 00:12	3° B 25'25	18°22'29
evening rise	-1696 Dec 19 j 06:59	23° X 09'13		asc. node	-1695 Dec 20 j 22:29	4° B 18'59	
	-1696 Dec 23 j 04:07	0° B		retrograde	-1695 Dec 26 j 13:07	6° B 59'35	
asc. node	-1695 Jan 03 j 01:27	17° B 20'12		evening set	-1695 Dec 29 j 11:52	6° B 12'37	
evening max el	-1695 Jan 05 j 11:37	20° B 05'54	18°08'22	inferior conj	-1694 Jan 04 j 12:23	0° B 44'59	3°42'07
retrograde	-1695 Jan 12 j 01:22	23° B 32'22		minimum elong	-1694 Jan 04 j 10:12	0° B 51'11	3°41'48
evening set	-1695 Jan 14 j 19:39	22° B 55'17			-1694 Jan 05 j 04:09	30° R X	
inferior conj	-1695 Jan 21 j 05:35	17° B 46'59	3°55'26	min. Earth dist.	-1694 Jan 06 j 18:21	28° X 12'10	0.63961 AU
minimum elong	-1695 Jan 21 j 04:57	17° B 48'35	3°55'23	morning rise	-1694 Jan 10 j 07:58	24° X 42'38	
min. Earth dist.	-1695 Jan 24 j 02:18	14° B 52'47	0.62178 AU	direct	-1694 Jan 17 j 07:02	21° X 52'39	
morning rise	-1695 Jan 27 j 13:10	11° B 53'26		desc. node	-1694 Jan 30 j 18:39	29° X 31'58	
direct	-1695 Feb 03 j 13:30	9° B 19'26		morning max el	-1694 Jan 30 j 21:48	29° X 39'46	27°31'21
desc. node	-1695 Feb 12 j 21:36	13° B 04'54			-1694 Jan 31 j 05:52	0° B	
morning max el	-1695 Feb 17 j 13:40	17° B 08'34	27°45'12		-1694 Feb 22 j 04:41	0° \approx	
	-1695 Feb 28 j 06:51	0° \approx		morning set	-1694 Mar 06 j 19:16	22° \approx 55'29	
	-1695 Mar 18 j 11:15	0° H			-1694 Mar 10 j 07:22	0° H	
morning set	-1695 Mar 22 j 22:56	8° H 50'57		max. Earth dist.	-1694 Mar 11 j 20:26	3° H 12'13	1.33431 AU
max. Earth dist.	-1695 Mar 28 j 17:20	20° H 57'11	1.32739 AU				

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1694 Mar 14 j 15:48	9° X 07'55	-0°43'28	superior conj	-1693 Feb 26 j 17:10	23° \approx 23'08	-1°08'30
minimum elong	-1694 Mar 14 j 17:49	9° X 18'39	0°43'04	minimum elong	-1693 Feb 26 j 20:12	23° \approx 38'51	1°08'01
asc. node	-1694 Mar 18 j 21:51	18° X 14'32			-1693 Mar 01 j 21:06	0° X	
evening rise	-1694 Mar 21 j 20:15	24° X 28'20		asc. node	-1693 Mar 05 j 18:54	8° X 11'45	
	-1694 Mar 24 j 12:28	0° Y		evening rise	-1693 Mar 06 j 05:45	9° X 08'04	
evening max el	-1694 Apr 12 j 21:37	29° Y 48'54	22°41'11		-1693 Mar 17 j 10:06	0° Y	
	-1694 Apr 13 j 02:16	0° Z		evening max el	-1693 Mar 25 j 20:26	10° Y 43'31	21°11'43
retrograde	-1694 Apr 26 j 01:18	6° Z 17'23		retrograde	-1693 Apr 06 j 15:03	16° Y 24'25	
desc. node	-1694 Apr 28 j 17:48	6° Z 01'29		evening set	-1693 Apr 08 j 23:49	16° Y 11'29	
evening set	-1694 Apr 29 j 04:38	5° Z 55'49		desc. node	-1693 Apr 15 j 14:50	13° Y 41'20	
min. Earth dist.	-1694 May 07 j 06:30	2° Z 24'31	0.55427 AU	inferior conj	-1693 Apr 18 j 07:27	12° Y 12'21	-0°45'40
inferior conj	-1694 May 08 j 12:33	1° Z 41'31	-2°37'42	minimum elong	-1693 Apr 18 j 05:18	12° Y 15'24	0°44'54
minimum elong	-1694 May 08 j 06:11	1° Z 50'39	2°35'47	min. Earth dist.	-1693 Apr 18 j 19:49	11° Y 54'55	0.55073 AU
	-1694 May 11 j 13:50	30° R Y		morning rise	-1693 Apr 27 j 10:45	8° Y 08'11	
morning rise	-1694 May 17 j 09:48	27° Y 46'16		direct	-1693 Apr 30 j 13:43	7° Y 47'00	
direct	-1694 May 20 j 02:30	27° Y 29'19		morning max el	-1693 May 13 j 08:16	13° Y 53'26	22°23'16
	-1694 May 27 j 21:13	0° Z			-1693 May 25 j 12:22	0° Z	
morning max el	-1694 May 31 j 07:58	2° Z 43'16	20°51'46	asc. node	-1693 Jun 01 j 18:15	13° Z 31'34	
asc. node	-1694 Jun 14 j 21:10	23° Z 54'51		morning set	-1693 Jun 04 j 02:11	18° Z 18'46	
	-1694 Jun 17 j 23:34	0° II			-1693 Jun 09 j 14:40	0° II	
morning set	-1694 Jun 19 j 15:59	3° II 25'30					
				superior conj	-1693 Jun 11 j 07:35	3° II 36'50	1°25'34
superior conj	-1694 Jun 27 j 04:52	19° II 02'04	1°39'07	minimum elong	-1693 Jun 11 j 05:01	3° II 23'21	1°25'16
minimum elong	-1694 Jun 27 j 02:48	18° II 51'24	1°38'58	max. Earth dist.	-1693 Jun 14 j 09:18	10° II 01'58	1.34358 AU
max. Earth dist.	-1694 Jul 01 j 15:21	27° II 57'50	1.35738 AU	evening rise	-1693 Jun 19 j 05:22	19° II 45'22	
	-1694 Jul 02 j 16:18	0° O			-1693 Jun 24 j 15:59	0° O	
evening rise	-1694 Jul 05 j 20:33	6° O 04'18		desc. node	-1693 Jul 12 j 14:06	28° O 21'29	
	-1694 Jul 19 j 19:15	0° O			-1693 Jul 13 j 19:38	0° O	
desc. node	-1694 Jul 25 j 17:05	8° O 51'40		evening max el	-1693 Jul 23 j 22:50	11° O 40'51	27°08'19
evening max el	-1694 Aug 10 j 11:07	28° O 14'41	26°24'34	retrograde	-1693 Aug 06 j 06:14	19° O 00'34	
	-1694 Aug 12 j 08:38	0° P		evening set	-1693 Aug 13 j 05:19	16° O 13'39	
retrograde	-1694 Aug 23 j 05:30	5° P 26'49		min. Earth dist.	-1693 Aug 17 j 00:43	12° O 31'06	0.65039 AU
evening set	-1694 Aug 29 j 17:22	2° P 44'09		inferior conj	-1693 Aug 19 j 02:31	10° O 10'52	-2°59'02
	-1694 Sep 01 j 11:06	30° R O		minimum elong	-1693 Aug 19 j 06:34	9° O 59'26	2°57'43
min. Earth dist.	-1694 Sep 02 j 19:49	28° O 24'02	0.66190 AU	morning rise	-1693 Aug 25 j 08:24	4° O 36'57	
inferior conj	-1694 Sep 04 j 08:29	26° O 31'53	-2°07'59	direct	-1693 Aug 28 j 03:08	3° O 55'27	
minimum elong	-1694 Sep 04 j 11:34	26° O 22'25	2°06'48	asc. node	-1693 Aug 28 j 17:24	3° O 57'21	
morning rise	-1694 Sep 10 j 06:05	20° O 43'36		morning max el	-1693 Sep 03 j 15:51	7° O 27'03	18°11'29
asc. node	-1694 Sep 10 j 20:18	20° O 25'04			-1693 Sep 18 j 22:24	0° P	
direct	-1694 Sep 13 j 07:24	19° O 50'32		morning set	-1693 Sep 22 j 01:32	5° P 12'12	
morning max el	-1694 Sep 20 j 02:07	23° O 37'17	18°44'50				
	-1694 Sep 25 j 06:54	0° P		superior conj	-1693 Oct 06 j 07:17	28° P 23'35	0°14'38
morning set	-1694 Oct 11 j 02:22	24° P 27'40		minimum elong	-1693 Oct 06 j 09:06	28° P 30'48	0°14'23
	-1694 Oct 14 j 14:00	0° Q		behind sun begin	-1693 Oct 06 j 03:59	28° P 10'24	
desc. node	-1694 Oct 21 j 16:28	11° Q 13'48		behind sun end	-1693 Oct 06 j 14:13	28° P 51'12	
					-1693 Oct 07 j 07:31	0° Q	
superior conj	-1694 Oct 27 j 04:01	19° Q 51'38	-0°34'57	desc. node	-1693 Oct 08 j 13:28	1° Q 58'47	
minimum elong	-1694 Oct 26 j 23:27	19° Q 33'42	0°34'22	max. Earth dist.	-1693 Oct 09 j 17:30	3° Q 49'36	1.44748 AU
max. Earth dist.	-1694 Oct 26 j 22:42	19° Q 30'44	1.44924 AU	evening rise	-1693 Oct 22 j 20:28	24° Q 20'59	
	-1694 Nov 02 j 14:20	0° R			-1693 Oct 26 j 11:54	0° R	
evening rise	-1694 Nov 11 j 23:23	14° R 55'27		greatest brilliancy	-1693 Nov 04 j 08:58	13° R 36'46	-0.7m
	-1694 Nov 21 j 09:35	0° X			-1693 Nov 16 j 11:37	0° X	
evening max el	-1694 Dec 03 j 11:10	16° X 50'42	18°54'29	evening max el	-1693 Nov 16 j 18:15	0° X 17'20	19°42'52
asc. node	-1694 Dec 07 j 19:30	20° X 08'56		retrograde	-1693 Nov 24 j 03:57	4° X 36'05	
retrograde	-1694 Dec 10 j 07:02	20° X 42'46		asc. node	-1693 Nov 24 j 16:35	4° X 34'30	
evening set	-1694 Dec 13 j 11:29	19° X 44'27		evening set	-1693 Nov 27 j 15:52	3° X 24'31	
inferior conj	-1694 Dec 19 j 05:04	13° X 59'42	3°14'59		-1693 Dec 01 j 04:09	30° R R	
minimum elong	-1694 Dec 19 j 02:11	14° X 08'36	3°14'18	inferior conj	-1693 Dec 03 j 04:36	27° R 25'41	2°37'58
min. Earth dist.	-1694 Dec 20 j 19:56	11° X 59'42	0.65389 AU	minimum elong	-1693 Dec 03 j 01:43	27° R 35'07	2°37'04
morning rise	-1694 Dec 24 j 16:36	7° X 51'20		min. Earth dist.	-1693 Dec 04 j 05:45	26° R 03'03	0.66439 AU
direct	-1694 Dec 31 j 07:00	5° X 00'24		morning rise	-1693 Dec 08 j 11:23	21° R 13'18	
morning max el	-1693 Jan 13 j 07:25	12° X 36'11	26°45'57	direct	-1693 Dec 14 j 12:39	18° R 33'05	
desc. node	-1693 Jan 17 j 15:42	17° X 19'46		morning max el	-1693 Dec 26 j 16:36	25° R 45'28	25°36'46
	-1693 Jan 27 j 08:28	0° Z			-1693 Dec 30 j 14:27	0° X	
	-1693 Feb 14 j 18:49	0° \approx		desc. node	-1692 Jan 04 j 12:45	6° X 03'52	
morning set	-1693 Feb 18 j 04:55	6° \approx 23'25			-1692 Jan 20 j 21:26	0° Z	
max. Earth dist.	-1693 Feb 22 j 13:19	14° \approx 53'47	1.34563 AU	morning set	-1692 Jan 31 j 23:12	19° Z 00'14	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

max. Earth dist.	-1692 Feb 04 j 18:34	26° Z 05'23	1.36135 AU	max. Earth dist.	-1691 Jan 16 j 15:03	7° Z 10'24	1.38075 AU
	-1692 Feb 06 j 19:27	0° \approx					
superior conj	-1692 Feb 10 j 10:21	7° \approx 08'16	-1°30'59	superior conj	-1691 Jan 23 j 15:53	20° Z 14'09	-1°48'37
minimum elong	-1692 Feb 10 j 13:53	7° \approx 26'01	1°30'34	minimum elong	-1691 Jan 23 j 18:59	20° Z 28'57	1°48'25
evening rise	-1692 Feb 18 j 11:12	23° \approx 29'02		evening rise	-1691 Jan 28 j 16:15	0° \approx	
asc. node	-1692 Feb 20 j 15:56	27° \approx 54'06		asc. node	-1691 Feb 01 j 10:15	7° \approx 24'39	
	-1692 Feb 21 j 17:28	0° X			-1691 Feb 06 j 12:57	17° \approx 15'55	
evening max el	-1692 Mar 07 j 05:43	22° X 11'23	19°56'56	evening max el	-1691 Feb 14 j 08:33	0° X	
retrograde	-1692 Mar 17 j 07:44	27° X 00'25		retrograde	-1691 Feb 18 j 01:39	4° X 16'17	19°00'58
evening set	-1692 Mar 19 j 12:13	26° X 47'48		evening set	-1691 Feb 26 j 14:22	8° X 22'16	
inferior conj	-1692 Mar 28 j 06:47	22° X 46'59	1°09'59	inferior conj	-1691 Feb 28 j 22:02	8° X 05'21	
minimum elong	-1692 Mar 28 j 09:43	22° X 42'29	1°09'00	minimum elong	-1691 Mar 08 j 22:25	3° X 50'36	2°39'50
min. Earth dist.	-1692 Mar 30 j 09:58	21° X 28'56	0.55659 AU	min. Earth dist.	-1691 Mar 09 j 03:04	3° X 42'26	2°38'38
desc. node	-1692 Apr 01 j 11:53	20° X 17'15			-1691 Mar 12 j 01:49	1° X 39'03	0.57056 AU
morning rise	-1692 Apr 06 j 05:05	18° X 16'18		morning rise	-1691 Mar 14 j 17:33	30° R \approx	
direct	-1692 Apr 10 j 05:15	17° X 40'55		desc. node	-1691 Mar 17 j 05:11	28° \approx 47'48	
morning max el	-1692 Apr 24 j 01:10	24° X 33'19	24°03'16	direct	-1691 Mar 19 j 08:57	28° \approx 05'58	
	-1692 Apr 29 j 00:53	0° Y			-1691 Mar 22 j 09:43	27° \approx 43'53	
	-1692 May 16 j 23:54	0° Z			-1691 Mar 30 j 02:00	0° X	
morning set	-1692 May 18 j 14:04	3° Z 18'25		morning max el	-1691 Apr 05 j 16:09	5° X 06'48	25°38'22
asc. node	-1692 May 18 j 15:19	3° Z 24'54			-1691 Apr 23 j 16:11	0° Y	
				morning set	-1691 May 03 j 01:57	18° Y 18'18	
superior conj	-1692 May 25 j 15:19	18° Z 27'18	1°07'40	asc. node	-1691 May 05 j 12:20	23° Y 29'15	
minimum elong	-1692 May 25 j 12:53	18° Z 14'07	1°07'18		-1691 May 08 j 12:15	0° Z	
max. Earth dist.	-1692 May 27 j 12:22	22° Z 29'08	1.33353 AU	superior conj	-1691 May 10 j 01:57	3° Z 25'59	0°46'29
	-1692 May 31 j 02:07	0° II		minimum elong	-1691 May 10 j 00:04	3° Z 15'39	0°46'08
evening rise	-1692 Jun 02 j 01:06	3° II 59'49		max. Earth dist.	-1691 May 10 j 22:02	5° Z 15'34	1.32723 AU
	-1692 Jun 16 j 09:35	0° III		evening rise	-1691 May 17 j 04:20	18° Z 36'49	
desc. node	-1692 Jun 28 j 11:09	17° III 10'11			-1691 May 22 j 22:21	0° II	
evening max el	-1692 Jul 05 j 09:14	24° III 47'03	27°25'15		-1691 Jun 11 j 00:09	0° III	
	-1692 Jul 12 j 01:56	0° IV		desc. node	-1691 Jun 15 j 08:11	4° III 59'47	
retrograde	-1692 Jul 19 j 01:22	2° IV 08'31		evening max el	-1691 Jun 17 j 16:01	7° III 20'26	27°10'32
	-1692 Jul 25 j 12:15	30° R III		retrograde	-1691 Jun 01 j 13:54	14° III 40'10	
evening set	-1692 Jul 26 j 05:55	29° III 29'04		evening set	-1691 Jul 08 j 15:03	12° III 22'30	
min. Earth dist.	-1692 Jul 29 j 20:21	26° III 19'51	0.63511 AU	min. Earth dist.	-1691 Jul 12 j 05:57	9° III 36'08	0.61659 AU
inferior conj	-1692 Aug 01 j 11:45	23° III 38'40	-3°43'59	inferior conj	-1691 Jul 15 j 09:01	6° III 47'08	-4°18'08
minimum elong	-1692 Aug 01 j 16:05	23° III 27'39	3°42'57	minimum elong	-1691 Jul 15 j 12:21	6° III 39'36	4°17'40
morning rise	-1692 Aug 08 j 03:14	18° III 22'18		morning rise	-1691 Jul 22 j 11:12	1° III 50'58	
direct	-1692 Aug 10 j 17:42	17° III 49'23		direct	-1691 Jul 24 j 23:34	1° III 24'11	
asc. node	-1692 Aug 14 j 14:30	19° III 02'40		morning max el	-1691 Jul 31 j 21:33	4° III 51'40	17°58'18
morning max el	-1692 Aug 17 j 07:20	21° III 14'30	17°55'41	asc. node	-1691 Aug 01 j 11:33	5° III 27'00	
	-1692 Aug 23 j 22:53	0° IV		morning set	-1691 Aug 16 j 22:15	0° IV 03'49	
morning set	-1692 Sep 03 j 02:08	17° IV 10'05			-1691 Aug 16 j 21:25	0° IV	
	-1692 Sep 10 j 12:50	0° V					
superior conj	-1692 Sep 15 j 07:31	8° V 00'10	0°57'18	superior conj	-1691 Aug 27 j 11:15	18° IV 57'54	1°26'54
minimum elong	-1692 Sep 15 j 12:43	8° V 21'38	0°56'40	minimum elong	-1691 Aug 27 j 15:53	19° IV 18'05	1°26'30
max. Earth dist.	-1692 Sep 21 j 09:53	17° V 55'50	1.43868 AU		-1691 Sep 02 j 23:09	0° V	
desc. node	-1692 Sep 24 j 10:30	22° V 45'04		max. Earth dist.	-1691 Sep 03 j 21:12	1° V 31'10	1.42408 AU
	-1692 Sep 29 j 01:24	0° VI		evening rise	-1691 Sep 10 j 13:22	12° V 17'13	
evening rise	-1692 Oct 01 j 03:12	3° VI 12'59		desc. node	-1691 Sep 11 j 07:32	13° V 28'51	
	-1692 Oct 19 j 01:03	0° VII			-1691 Sep 22 j 03:24	0° VI	
evening max el	-1692 Oct 29 j 19:55	13° VII 44'23	20°45'25	evening max el	-1691 Oct 12 j 15:38	27° VI 11'33	21°58'54
retrograde	-1692 Nov 07 j 01:29	18° VII 36'43			-1691 Oct 15 j 17:40	0° VII	
evening set	-1692 Nov 10 j 22:55	17° VII 09'51		retrograde	-1691 Oct 21 j 21:36	2° VII 41'30	
asc. node	-1692 Nov 10 j 13:38	17° VII 26'22		evening set	-1691 Oct 26 j 06:43	0° VIII 57'16	
inferior conj	-1692 Nov 16 j 08:34	11° VIII 00'16	1°53'53		-1691 Oct 27 j 08:15	30° R VI	
minimum elong	-1692 Nov 16 j 06:13	11° VIII 08'17	1°52'59	asc. node	-1691 Oct 28 j 10:41	28° VI 49'03	
min. Earth dist.	-1692 Nov 16 j 21:39	10° VIII 15'39	0.67134 AU	inferior conj	-1691 Oct 31 j 14:53	24° VI 40'38	1°04'42
morning rise	-1692 Nov 21 j 13:21	4° VIII 46'04		minimum elong	-1691 Oct 31 j 13:26	24° VI 45'38	1°04'04
direct	-1692 Nov 26 j 23:39	2° VIII 23'58		min. Earth dist.	-1691 Oct 31 j 17:08	24° VI 32'52	0.67498 AU
morning max el	-1692 Dec 08 j 01:11	9° VIII 00'03	24°13'27	morning rise	-1691 Nov 05 j 19:59	18° VI 27'06	
desc. node	-1692 Dec 21 j 09:48	25° VIII 28'11		direct	-1691 Nov 10 j 15:09	16° VI 26'36	
	-1692 Dec 24 j 14:31	0° IX		morning max el	-1691 Nov 20 j 11:19	22° VI 17'46	22°46'03
morning set	-1691 Jan 12 j 20:16	0° Z 30'00			-1691 Nov 27 j 03:12	0° VII	
	-1691 Jan 12 j 13:20	0° Z		desc. node	-1691 Dec 08 j 06:51	15° VII 21'01	
					-1691 Dec 17 j 23:10	0° IX	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning set	-1691 Dec 24 j 14:04	10° ♁ 37'46		morning set	-1690 Dec 04 j 03:27	19° ♁ 25'24	
max. Earth dist.	-1691 Dec 29 j 10:31	18° ♁ 45'52	1.40180 AU		-1690 Dec 10 j 17:32	0° ♁	
	-1690 Jan 04 j 20:16	0° ♁		max. Earth dist.	-1690 Dec 11 j 12:24	1° ♁ 17'18	1.42160 AU
superior conj	-1690 Jan 06 j 05:18	2° ♁ 29'26	-1°58'19	superior conj	-1690 Dec 18 j 21:07	13° ♁ 40'44	-1°56'05
minimum elong	-1690 Jan 06 j 06:24	2° ♁ 34'23	1°58'19	minimum elong	-1690 Dec 18 j 18:24	13° ♁ 29'01	1°56'02
evening rise	-1690 Jan 15 j 24:00	20° ♁ 47'54			-1690 Dec 28 j 02:20	0° ♁	
	-1690 Jan 20 j 21:49	0° ♁		evening rise	-1690 Dec 30 j 00:54	3° ♁ 31'13	
asc. node	-1690 Jan 24 j 09:58	6° ♁ 10'28		asc. node	-1689 Jan 11 j 07:00	24° ♁ 28'54	
evening max el	-1690 Feb 01 j 06:01	16° ♁ 52'36	18°24'59	evening max el	-1689 Jan 15 j 15:49	29° ♁ 51'20	18°08'49
retrograde	-1690 Feb 08 j 15:34	20° ♁ 31'11			-1689 Jan 15 j 19:21	0° ♁	
evening set	-1690 Feb 11 j 03:49	20° ♁ 07'16		retrograde	-1689 Jan 22 j 09:43	3° ♁ 18'15	
inferior conj	-1690 Feb 18 j 10:47	15° ♁ 32'27	3°33'21	evening set	-1689 Jan 25 j 01:56	2° ♁ 46'04	
minimum elong	-1690 Feb 18 j 13:56	15° ♁ 26'00	3°32'52		-1689 Jan 29 j 09:01	30° ♁	
min. Earth dist.	-1690 Feb 21 j 20:58	12° ♁ 45'30	0.58964 AU	inferior conj	-1689 Jan 31 j 18:33	27° ♁ 49'32	3°54'37
morning rise	-1690 Feb 25 j 21:43	10° ♁ 03'53		minimum elong	-1689 Jan 31 j 19:12	27° ♁ 48'00	3°54'34
direct	-1690 Mar 04 j 03:29	8° ♁ 21'57		min. Earth dist.	-1689 Feb 03 j 22:15	24° ♁ 51'34	0.61033 AU
desc. node	-1690 Mar 06 j 05:59	8° ♁ 33'19		morning rise	-1689 Feb 07 j 11:01	22° ♁ 03'25	
morning max el	-1690 Mar 18 j 10:36	16° ♁ 00'31	26°53'31	direct	-1689 Feb 14 j 07:48	19° ♁ 45'38	
	-1690 Mar 29 j 20:35	0° ♁		desc. node	-1689 Feb 21 j 03:02	21° ♁ 45'49	
	-1690 Apr 15 j 22:55	0° ♁		morning max el	-1689 Feb 28 j 11:16	27° ♁ 31'40	27°36'58
morning set	-1690 Apr 17 j 12:11	3° ♁ 12'33			-1689 Mar 02 j 20:26	0° ♁	
asc. node	-1690 Apr 22 j 09:21	13° ♁ 40'02			-1689 Mar 23 j 11:32	0° ♁	
superior conj	-1690 Apr 24 j 13:42	18° ♁ 26'36	0°22'51	morning set	-1689 Apr 01 j 18:50	17° ♁ 53'25	
minimum elong	-1690 Apr 24 j 12:42	18° ♁ 21'05	0°22'39		-1689 Apr 07 j 11:47	0° ♁	
max. Earth dist.	-1690 Apr 24 j 10:56	18° ♁ 11'26	1.32448 AU	max. Earth dist.	-1689 Apr 07 j 23:14	1° ♁ 02'14	1.32529 AU
	-1690 Apr 29 j 21:15	0° ♁		superior conj	-1689 Apr 09 j 00:51	3° ♁ 21'53	-0°02'27
evening rise	-1690 May 01 j 12:29	3° ♁ 27'38		minimum elong	-1689 Apr 09 j 00:57	3° ♁ 22'29	0°02'25
	-1690 May 15 j 19:38	0° ♁		behind sun begin	-1689 Apr 08 j 19:57	2° ♁ 55'07	
evening max el	-1690 May 30 j 17:05	19° ♁ 12'27	26°23'05	behind sun end	-1689 Apr 09 j 05:58	3° ♁ 49'51	
desc. node	-1690 Jun 02 j 05:11	21° ♁ 25'48		asc. node	-1689 Apr 09 j 06:23	3° ♁ 52'10	
retrograde	-1690 Jun 13 j 18:15	26° ♁ 28'12		evening rise	-1689 Apr 15 j 23:21	18° ♁ 23'22	
evening set	-1690 Jun 20 j 04:19	24° ♁ 44'57			-1689 Apr 21 j 17:11	0° ♁	
min. Earth dist.	-1690 Jun 24 j 06:14	22° ♁ 05'42	0.59625 AU		-1689 May 12 j 02:54	0° ♁	
inferior conj	-1690 Jun 27 j 14:47	19° ♁ 27'50	-4°34'03	evening max el	-1689 May 12 j 11:36	0° ♁ 21'03	25°07'41
minimum elong	-1690 Jun 27 j 15:22	19° ♁ 26'40	4°34'01	desc. node	-1689 May 20 j 02:12	5° ♁ 54'22	
morning rise	-1690 Jul 05 j 04:34	14° ♁ 53'32		retrograde	-1689 May 26 j 12:10	7° ♁ 29'09	
direct	-1690 Jul 07 j 16:45	14° ♁ 31'03		evening set	-1689 May 31 j 18:59	6° ♁ 24'44	
morning max el	-1690 Jul 15 j 07:36	18° ♁ 11'05	18°20'24	min. Earth dist.	-1689 Jun 05 j 23:26	3° ♁ 35'45	0.57641 AU
asc. node	-1690 Jul 19 j 08:37	22° ♁ 55'25		inferior conj	-1689 Jun 09 j 01:34	1° ♁ 30'06	-4°21'07
	-1690 Jul 23 j 21:54	0° ♁		minimum elong	-1689 Jun 08 j 22:01	1° ♁ 36'11	4°20'41
morning set	-1690 Jul 31 j 08:39	13° ♁ 39'57			-1689 Jun 11 j 07:57	30° ♁	
	-1690 Aug 09 j 00:33	0° ♁		morning rise	-1689 Jun 17 j 03:50	27° ♁ 17'08	
superior conj	-1690 Aug 09 j 15:36	1° ♁ 09'07	1°43'08	direct	-1689 Jun 19 j 16:50	26° ♁ 57'57	
minimum elong	-1690 Aug 09 j 17:59	1° ♁ 20'02	1°43'03		-1689 Jun 27 j 05:38	0° ♁	
max. Earth dist.	-1690 Aug 17 j 03:13	14° ♁ 26'13	1.40563 AU	morning max el	-1689 Jun 28 j 10:32	1° ♁ 03'02	19°03'05
evening rise	-1690 Aug 21 j 19:19	22° ♁ 17'48		asc. node	-1689 Jul 06 j 05:40	11° ♁ 13'09	
	-1690 Aug 26 j 13:41	0° ♁		morning set	-1689 Jul 15 j 05:15	27° ♁ 47'23	
desc. node	-1690 Aug 29 j 04:33	4° ♁ 06'32			-1689 Jul 16 j 08:06	0° ♁	
	-1690 Sep 16 j 04:29	0° ♁		superior conj	-1689 Jul 23 j 14:55	14° ♁ 18'07	1°48'10
evening max el	-1690 Sep 25 j 06:26	10° ♁ 40'37	23°18'32	minimum elong	-1689 Jul 23 j 15:02	14° ♁ 18'42	1°48'11
retrograde	-1690 Oct 05 j 14:56	16° ♁ 48'01		max. Earth dist.	-1689 Jul 30 j 06:06	26° ♁ 41'07	1.38572 AU
evening set	-1690 Oct 10 j 13:37	14° ♁ 45'06			-1689 Aug 01 j 02:33	0° ♁	
asc. node	-1690 Oct 15 j 07:45	9° ♁ 13'03		evening rise	-1689 Aug 03 j 02:41	3° ♁ 31'02	
inferior conj	-1690 Oct 15 j 21:46	8° ♁ 24'59	0°12'06	desc. node	-1689 Aug 16 j 01:33	24° ♁ 33'50	
minimum elong	-1690 Oct 15 j 21:28	8° ♁ 25'58	0°11'57		-1689 Aug 19 j 17:02	0° ♁	
transit middle	-1690 Oct 15 j 21:28	8° ♁ 25'58	0°11'57	evening max el	-1689 Sep 07 j 18:16	24° ♁ 12'42	24°37'59
transit begin	-1690 Oct 15 j 19:38	8° ♁ 32'18			-1689 Sep 15 j 10:45	0° ♁	
transit end	-1690 Oct 15 j 23:19	8° ♁ 19'39		retrograde	-1689 Sep 19 j 04:28	0° ♁ 52'55	
min. Earth dist.	-1690 Oct 15 j 13:41	8° ♁ 52'43	0.67546 AU		-1689 Sep 22 j 15:06	30° ♁	
morning rise	-1690 Oct 21 j 05:14	2° ♁ 14'54		evening set	-1689 Sep 24 j 17:55	28° ♁ 31'35	
direct	-1690 Oct 25 j 10:13	0° ♁ 36'28		min. Earth dist.	-1689 Sep 29 j 08:55	23° ♁ 13'34	0.67279 AU
morning max el	-1690 Nov 03 j 02:34	5° ♁ 42'39	21°23'05	inferior conj	-1689 Sep 30 j 03:29	22° ♁ 11'37	-0°42'23
	-1690 Nov 21 j 10:22	0° ♁		minimum elong	-1689 Sep 30 j 04:31	22° ♁ 08'11	0°41'56
desc. node	-1690 Nov 25 j 03:53	5° ♁ 34'18		asc. node	-1689 Oct 02 j 04:49	19° ♁ 32'05	

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morning rise	-1689 Oct 05 j 15:09	16° \mathbb{M} 07'47	direct	-1688 Sep 22 j 05:55	29° Ω 02'10	
direct	-1689 Oct 09 j 07:38	14° \mathbb{M} 49'37		-1688 Sep 25 j 13:06	0° \mathbb{M}	
morning max el	-1689 Oct 17 j 01:15	19° \mathbb{M} 17'44	20°10'27	morning max el	-1688 Sep 29 j 07:13	3° \mathbb{M} 01'32 19°11'35
	-1689 Oct 25 j 14:58	0° Ω		-1688 Oct 18 j 06:33	0° Ω	
desc. node	-1689 Nov 12 j 00:55	26° Ω 01'59		morning set	-1688 Oct 22 j 06:26	6° Ω 14'46
morning set	-1689 Nov 13 j 00:58	27° Ω 34'54		desc. node	-1688 Oct 28 j 21:56	16° Ω 39'05
	-1689 Nov 14 j 14:24	0° \mathbb{M}		max. Earth dist.	-1688 Nov 05 j 13:28	28° Ω 40'05 1.44689 AU
max. Earth dist.	-1689 Nov 23 j 22:11	14° \mathbb{M} 41'32	1.43729 AU	-1688 Nov 06 j 09:42	0° \mathbb{M}	
superior conj	-1689 Nov 29 j 10:28	23° \mathbb{M} 37'14	-1°37'47	superior conj	-1688 Nov 07 j 22:13	2° \mathbb{M} 24'30 -1°01'50
minimum elong	-1689 Nov 29 j 03:36	23° \mathbb{M} 09'06	1°37'15	minimum elong	-1688 Nov 07 j 15:03	1° \mathbb{M} 56'05 1°01'00
	-1689 Dec 03 j 07:01	0° \mathbb{M}		evening rise	-1688 Nov 22 j 19:06	26° \mathbb{M} 24'38
evening rise	-1689 Dec 12 j 08:47	15° \mathbb{M} 26'32		-1688 Nov 24 j 23:27	0° \mathbb{M}	
	-1689 Dec 20 j 20:55	0° \mathbb{M}		evening max el	-1688 Dec 12 j 16:15	26° \mathbb{M} 26'44 18°33'56
asc. node	-1689 Dec 29 j 04:02	12° \mathbb{M} 00'37		asc. node	-1688 Dec 15 j 01:06	28° \mathbb{M} 31'44
evening max el	-1689 Dec 30 j 04:08	13° \mathbb{M} 04'57	18°12'04	-1688 Dec 18 j 02:55	0° \mathbb{M}	
retrograde	-1688 Jan 05 j 16:29	16° \mathbb{M} 33'31		retrograde	-1688 Dec 19 j 07:25	0° \mathbb{M} 07'48
evening set	-1688 Jan 08 j 12:35	15° \mathbb{M} 52'17		-1688 Dec 20 j 11:42	30° \mathbb{M} 27'48	
inferior conj	-1688 Jan 14 j 18:08	10° \mathbb{M} 35'11	3°51'48	evening set	-1688 Dec 22 j 08:17	29° \mathbb{M} 16'20
minimum elong	-1688 Jan 14 j 16:44	10° \mathbb{M} 38'55	3°51'39	inferior conj	-1688 Dec 28 j 05:34	23° \mathbb{M} 40'57 3°32'01
min. Earth dist.	-1688 Jan 17 j 08:38	7° \mathbb{M} 48'30	0.62973 AU	minimum elong	-1688 Dec 28 j 03:00	23° \mathbb{M} 48'34 3°31'32
morning rise	-1688 Jan 20 j 20:05	4° \mathbb{M} 37'24		min. Earth dist.	-1688 Dec 30 j 05:01	21° \mathbb{M} 21'02 0.64612 AU
direct	-1688 Jan 27 j 20:49	1° \mathbb{M} 55'05		morning rise	-1687 Jan 02 j 21:15	17° \mathbb{M} 35'27
desc. node	-1688 Feb 08 j 00:06	7° \mathbb{M} 12'30		direct	-1687 Jan 09 j 17:11	14° \mathbb{M} 43'23
morning max el	-1688 Feb 10 j 17:36	9° \mathbb{M} 43'52	27°43'41	morning max el	-1687 Jan 23 j 02:55	22° \mathbb{M} 27'47 27°15'28
	-1688 Feb 26 j 13:52	0° \mathbb{M}		desc. node	-1687 Jan 24 j 21:09	24° \mathbb{M} 17'01
	-1688 Mar 14 j 16:59	0° \mathbb{M}		-1687 Jan 29 j 19:22	0° \mathbb{M}	
morning set	-1688 Mar 15 j 19:44	2° \mathbb{M} 13'36		-1687 Feb 18 j 18:54	0° \mathbb{M}	
max. Earth dist.	-1688 Mar 21 j 06:57	13° \mathbb{M} 34'12	1.32986 AU	morning set	-1687 Feb 27 j 12:01	16° \mathbb{M} 03'49
				max. Earth dist.	-1687 Mar 04 j 06:06	25° \mathbb{M} 35'11 1.33854 AU
				-1687 Mar 06 j 09:10	0° \mathbb{M}	
superior conj	-1688 Mar 23 j 09:44	18° \mathbb{M} 06'21	-0°28'30	superior conj	-1687 Mar 07 j 14:28	2° \mathbb{M} 33'54 -0°54'18
minimum elong	-1688 Mar 23 j 11:04	18° \mathbb{M} 13'30	0°28'14	minimum elong	-1687 Mar 07 j 16:57	2° \mathbb{M} 47'00 0°53'51
asc. node	-1688 Mar 26 j 03:24	24° \mathbb{M} 01'26		asc. node	-1687 Mar 13 j 00:27	14° \mathbb{M} 04'12
	-1688 Mar 28 j 21:57	0° \mathbb{M}		evening rise	-1687 Mar 14 j 21:57	18° \mathbb{M} 03'50
evening rise	-1688 Mar 30 j 11:07	3° \mathbb{M} 17'28		-1687 Mar 20 j 21:04	0° \mathbb{M}	
	-1688 Apr 14 j 02:14	0° \mathbb{M}		evening max el	-1687 Apr 04 j 20:43	21° \mathbb{M} 42'58 22°01'48
evening max el	-1688 Apr 23 j 02:33	11° \mathbb{M} 01'20	23°35'42	retrograde	-1687 Apr 17 j 12:26	27° \mathbb{M} 53'29
desc. node	-1688 May 05 j 23:14	17° \mathbb{M} 49'03		evening set	-1687 Apr 20 j 05:36	27° \mathbb{M} 37'06
retrograde	-1688 May 06 j 18:02	17° \mathbb{M} 50'27		desc. node	-1687 Apr 22 j 20:16	26° \mathbb{M} 52'48
evening set	-1688 May 10 j 14:58	17° \mathbb{M} 17'24		min. Earth dist.	-1687 Apr 29 j 02:42	23° \mathbb{M} 48'30 0.55151 AU
min. Earth dist.	-1688 May 17 j 13:14	14° \mathbb{M} 04'51	0.56036 AU	inferior conj	-1687 Apr 29 j 15:14	23° \mathbb{M} 30'52 -1°52'51
inferior conj	-1688 May 19 j 16:12	12° \mathbb{M} 48'28	-3°28'00	minimum elong	-1687 Apr 29 j 10:11	23° \mathbb{M} 37'59 1°51'11
minimum elong	-1688 May 19 j 09:37	12° \mathbb{M} 58'24	3°26'25	morning rise	-1687 May 08 j 16:05	19° \mathbb{M} 34'09
morning rise	-1688 May 28 j 07:09	8° \mathbb{M} 50'51		direct	-1687 May 11 j 11:39	19° \mathbb{M} 16'25
direct	-1688 May 30 j 21:35	8° \mathbb{M} 33'55		morning max el	-1687 May 23 j 10:16	24° \mathbb{M} 53'07 21°29'09
morning max el	-1688 Jun 10 j 03:50	13° \mathbb{M} 18'48	20°06'35	-1687 May 28 j 01:56	0° \mathbb{M}	
asc. node	-1688 Jun 22 j 02:43	0° \mathbb{M}		asc. node	-1687 Jun 08 j 23:47	19° \mathbb{M} 32'21
	-1688 Jun 22 j 00:51	0° \mathbb{M}		morning set	-1687 Jun 12 j 17:21	27° \mathbb{M} 04'22
morning set	-1688 Jun 28 j 08:56	12° \mathbb{M} 17'39		-1687 Jun 14 j 03:08	0° \mathbb{M}	
superior conj	-1688 Jul 06 j 03:56	28° \mathbb{M} 09'42	1°44'25	superior conj	-1687 Jun 20 j 02:37	12° \mathbb{M} 32'00 1°33'59
minimum elong	-1688 Jul 06 j 02:26	28° \mathbb{M} 02'13	1°44'22	minimum elong	-1687 Jun 20 j 00:15	12° \mathbb{M} 19'45 1°33'47
	-1688 Jul 07 j 01:59	0° \mathbb{M}		max. Earth dist.	-1687 Jun 23 j 22:36	20° \mathbb{M} 22'50 1.35095 AU
max. Earth dist.	-1688 Jul 11 j 10:36	8° \mathbb{M} 30'41	1.36686 AU	evening rise	-1687 Jun 28 j 09:50	29° \mathbb{M} 08'37
evening rise	-1688 Jul 15 j 09:09	15° \mathbb{M} 52'07		-1687 Jun 28 j 20:38	0° \mathbb{M}	
	-1688 Jul 23 j 12:07	0° Ω		-1687 Jul 16 j 15:48	0° Ω	
desc. node	-1688 Aug 01 j 22:34	14° Ω 45'03		desc. node	-1687 Jul 19 j 19:36	4° Ω 33'08
	-1688 Aug 13 j 04:55	0° \mathbb{M}		evening max el	-1687 Aug 02 j 16:53	21° Ω 18'54 26°46'04
evening max el	-1688 Aug 20 j 05:18	7° \mathbb{M} 46'44	25°49'47	retrograde	-1687 Aug 15 j 17:46	28° Ω 36'10
retrograde	-1688 Sep 01 j 13:35	14° \mathbb{M} 50'57		evening set	-1687 Aug 22 j 10:48	25° Ω 50'21
evening set	-1688 Sep 07 j 17:42	12° \mathbb{M} 14'12		min. Earth dist.	-1687 Aug 26 j 10:01	21° Ω 46'23 0.65742 AU
min. Earth dist.	-1688 Sep 12 j 00:27	7° \mathbb{M} 32'39	0.66685 AU	inferior conj	-1687 Aug 28 j 04:12	19° Ω 41'25 -2°30'09
inferior conj	-1688 Sep 13 j 06:17	5° \mathbb{M} 57'55	-1°37'07	minimum elong	-1687 Aug 28 j 07:45	19° Ω 30'52 2°28'52
minimum elong	-1688 Sep 13 j 08:39	5° \mathbb{M} 50'22	1°36'08	morning rise	-1687 Sep 03 j 05:09	13° Ω 58'51
asc. node	-1688 Sep 18 j 01:54	0° \mathbb{M} 41'56		asc. node	-1687 Sep 04 j 22:58	13° Ω 19'03
morning rise	-1688 Sep 18 j 23:50	0° \mathbb{M} 03'14				
	-1688 Sep 19 j 01:56	30° \mathbb{M} 03'14				

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

direct	-1687 Sep 06 j 03:16	13°♎11'16		evening max el	-1686 Jul 16 j 04:25	4°♎38'29	27°19'16
morning max el	-1687 Sep 12 j 18:49	16°♎50'55	18°28'32	retrograde	-1686 Jul 29 j 16:16	11°♎59'33	
	-1687 Sep 22 j 11:19	0°♎		evening set	-1686 Aug 05 j 18:21	9°♎14'30	
morning set	-1687 Oct 02 j 13:17	16°♎11'51		min. Earth dist.	-1686 Aug 09 j 11:20	5°♎46'37	0.64429 AU
	-1687 Oct 11 j 03:25	0°♎		inferior conj	-1686 Aug 11 j 18:50	3°♎16'28	-3°19'04
desc. node	-1687 Oct 15 j 18:59	7°♎22'27		minimum elong	-1686 Aug 11 j 23:07	3°♎04'52	3°17'50
					-1686 Aug 15 j 00:37	30°♎	
superior conj	-1687 Oct 17 j 22:15	10°♎44'46	-0°13'49	morning rise	-1686 Aug 18 j 04:37	27°♎49'19	
minimum elong	-1687 Oct 17 j 20:26	10°♎37'34	0°13'34	direct	-1686 Aug 20 j 21:13	27°♎11'49	
behind sun begin	-1687 Oct 17 j 14:06	10°♎12'38		asc. node	-1686 Aug 22 j 20:02	27°♎31'37	
behind sun end	-1687 Oct 18 j 02:45	11°♎02'30			-1686 Aug 26 j 16:54	0°♎	
max. Earth dist.	-1687 Oct 19 j 07:30	12°♎55'41	1.44941 AU	morning max el	-1686 Aug 27 j 09:32	0°♎39'55	18°02'32
	-1687 Oct 30 j 04:14	0°♎		morning set	-1686 Sep 13 j 23:58	27°♎29'42	
evening rise	-1687 Nov 03 j 05:14	6°♎22'01			-1686 Sep 15 j 11:30	0°♎	
greatest brilliancy	-1687 Nov 12 j 22:49	21°♎40'40	-0.8m				
	-1687 Nov 18 j 10:20	0°♎		superior conj	-1686 Sep 27 j 08:42	19°♎39'23	0°34'06
evening max el	-1687 Nov 26 j 01:49	9°♎52'54	19°13'10	minimum elong	-1686 Sep 27 j 12:30	19°♎54'45	0°33'35
asc. node	-1687 Dec 01 j 22:10	13°♎47'23		max. Earth dist.	-1686 Oct 02 j 01:26	27°♎10'40	1.44459 AU
retrograde	-1687 Dec 03 j 02:54	13°♎55'26		desc. node	-1686 Oct 02 j 16:01	28°♎08'30	
evening set	-1687 Dec 06 j 10:12	12°♎51'55			-1686 Oct 03 j 20:13	0°♎	
inferior conj	-1687 Dec 12 j 01:31	7°♎01'00	3°00'17	evening rise	-1686 Oct 13 j 18:29	15°♎29'02	
minimum elong	-1687 Dec 11 j 22:34	7°♎10'23	2°59'28		-1686 Oct 23 j 06:09	0°♎	
min. Earth dist.	-1687 Dec 13 j 10:28	5°♎16'16	0.65887 AU	greatest brilliancy	-1686 Oct 27 j 16:57	6°♎40'04	-0.6m
morning rise	-1687 Dec 17 j 10:39	0°♎50'29		evening max el	-1686 Nov 09 j 06:50	23°♎20'40	20°07'56
	-1687 Dec 18 j 11:20	30°♎		retrograde	-1686 Nov 17 j 00:14	27°♎52'34	
direct	-1687 Dec 23 j 19:54	28°♎02'35		asc. node	-1686 Nov 18 j 19:13	27°♎34'07	
	-1687 Dec 29 j 19:43	0°♎		evening set	-1686 Nov 20 j 15:58	26°♎34'47	
morning max el	-1686 Jan 05 j 12:27	5°♎30'39	26°18'41	inferior conj	-1686 Nov 26 j 03:13	20°♎31'13	2°20'01
desc. node	-1686 Jan 11 j 18:13	12°♎31'02		minimum elong	-1686 Nov 26 j 00:30	20°♎40'16	2°19'04
	-1686 Jan 24 j 09:46	0°♎		min. Earth dist.	-1686 Nov 26 j 23:07	19°♎24'41	0.66785 AU
morning set	-1686 Feb 10 j 15:45	29°♎11'43		morning rise	-1686 Dec 01 j 08:51	14°♎17'57	
	-1686 Feb 11 j 02:03	0°♎		direct	-1686 Dec 07 j 04:02	11°♎44'33	
max. Earth dist.	-1686 Feb 14 j 17:35	7°♎00'22	1.35175 AU	morning max el	-1686 Dec 18 j 21:02	18°♎42'22	25°02'21
					-1686 Dec 28 j 10:51	0°♎	
superior conj	-1686 Feb 19 j 12:43	16°♎37'14	-1°18'30	desc. node	-1686 Dec 29 j 15:17	1°♎34'19	
minimum elong	-1686 Feb 19 j 16:03	16°♎54'16	1°18'01		-1685 Jan 17 j 11:37	0°♎	
	-1686 Feb 25 j 23:47	0°♎		morning set	-1685 Jan 24 j 01:50	11°♎22'28	
evening rise	-1686 Feb 27 j 05:58	2°♎35'53		max. Earth dist.	-1685 Jan 27 j 18:15	18°♎04'50	1.36928 AU
asc. node	-1686 Feb 27 j 21:30	3°♎55'29			-1685 Feb 02 j 23:55	0°♎	
	-1686 Mar 15 j 07:52	0°♎					
evening max el	-1686 Mar 17 j 23:53	2°♎50'49	20°37'52	superior conj	-1685 Feb 03 j 01:30	0°♎07'46	-1°39'14
retrograde	-1686 Mar 29 j 01:36	8°♎08'55		minimum elong	-1685 Feb 03 j 05:00	0°♎25'00	1°38'53
evening set	-1686 Mar 31 j 06:57	7°♎56'59		evening rise	-1685 Feb 11 j 09:03	16°♎47'23	
inferior conj	-1686 Apr 09 j 10:14	3°♎59'34	0°05'00	asc. node	-1685 Feb 14 j 18:32	23°♎30'13	
minimum elong	-1686 Apr 09 j 10:28	3°♎59'14	0°04'56		-1685 Feb 18 j 05:56	0°♎	
transit middle	-1686 Apr 09 j 10:28	3°♎59'14	0°04'56	evening max el	-1685 Feb 28 j 13:59	14°♎35'27	19°30'43
transit begin	-1686 Apr 09 j 06:36	4°♎04'49		retrograde	-1685 Mar 09 j 22:48	19°♎04'01	
transit end	-1686 Apr 09 j 14:20	3°♎53'39		evening set	-1685 Mar 12 j 04:26	18°♎49'53	
desc. node	-1686 Apr 09 j 17:19	3°♎49'20		inferior conj	-1685 Mar 20 j 15:28	14°♎44'19	1°52'21
min. Earth dist.	-1686 Apr 10 j 16:37	3°♎15'44	0.55203 AU	minimum elong	-1685 Mar 20 j 19:37	14°♎37'36	1°51'04
	-1686 Apr 17 j 15:31	30°♎		min. Earth dist.	-1685 Mar 23 j 07:10	13°♎02'07	0.56173 AU
morning rise	-1686 Apr 18 j 12:49	29°♎45'24		desc. node	-1685 Mar 27 j 14:22	10°♎40'57	
direct	-1686 Apr 21 j 23:33	29°♎19'34		morning rise	-1685 Mar 29 j 08:12	10°♎00'12	
	-1686 Apr 26 j 05:12	0°♎		direct	-1685 Apr 02 j 20:25	9°♎14'16	
morning max el	-1686 May 05 j 06:48	5°♎47'54	23°05'29	morning max el	-1685 Apr 16 j 21:56	16°♎21'05	24°45'11
	-1686 May 22 j 04:12	0°♎			-1685 Apr 27 j 21:57	0°♎	
asc. node	-1686 May 26 j 20:50	9°♎16'32		morning set	-1685 May 12 j 16:31	27°♎00'58	
morning set	-1686 May 28 j 04:27	12°♎00'38		asc. node	-1685 May 13 j 17:53	29°♎15'11	
					-1685 May 14 j 02:18	0°♎	
superior conj	-1686 Jun 04 j 07:43	27°♎14'08	1°18'27				
minimum elong	-1686 Jun 04 j 05:09	27°♎00'25	1°18'06	superior conj	-1685 May 19 j 16:54	12°♎08'35	0°59'02
	-1686 Jun 05 j 14:56	0°♎		minimum elong	-1685 May 19 j 14:38	11°♎56'19	0°58'39
max. Earth dist.	-1686 Jun 06 j 20:31	2°♎35'54	1.33880 AU	max. Earth dist.	-1685 May 21 j 02:56	15°♎12'53	1.33046 AU
evening rise	-1686 Jun 11 j 23:45	13°♎05'22		evening rise	-1685 May 26 j 23:02	27°♎30'33	
	-1686 Jun 21 j 02:07	0°♎			-1685 May 28 j 04:36	0°♎	
desc. node	-1686 Jul 06 j 16:37	23°♎47'07			-1685 Jun 14 j 09:10	0°♎	
	-1686 Jul 11 j 18:26	0°♎		desc. node	-1685 Jun 23 j 13:37	12°♎12'48	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening max el	-1685 Jun 28 j 13:46	17° ☿ 32'27	27°23'04	desc. node	-1684 Jun 09 j 10:37	29° II 30'05	
retrograde	-1685 Jul 12 j 08:23	24° ☿ 52'28			-1684 Jun 09 j 23:08	0° ☿	
evening set	-1685 Jul 19 j 12:49	22° ☿ 20'49		evening max el	-1684 Jun 09 j 18:14	29° II 48'23	26°54'09
min. Earth dist.	-1685 Jul 23 j 02:41	19° ☿ 22'49	0.62760 AU	retrograde	-1684 Jun 23 j 17:26	7° ☿ 06'28	
inferior conj	-1685 Jul 25 j 23:22	16° ☿ 36'43	-4°00'10	evening set	-1684 Jun 30 j 13:58	5° ☿ 01'55	
minimum elong	-1685 Jul 26 j 03:27	16° ☿ 26'47	3°59'21	min. Earth dist.	-1684 Jul 04 j 07:50	2° ☿ 21'04	0.60806 AU
morning rise	-1685 Aug 01 j 19:14	11° ☿ 28'23			-1684 Jul 07 j 02:26	30° R II	
direct	-1685 Aug 04 j 08:40	10° ☿ 58'11		inferior conj	-1684 Jul 07 j 14:27	29° II 34'14	-4°27'43
asc. node	-1685 Aug 09 j 17:06	13° ☿ 11'49		minimum elong	-1684 Jul 07 j 16:50	29° II 29'07	4°27'28
morning max el	-1685 Aug 11 j 00:43	14° ☿ 23'01	17°54'28	morning rise	-1684 Jul 14 j 21:28	24° II 47'29	
	-1685 Aug 21 j 19:00	0° ☿		direct	-1684 Jul 17 j 09:42	24° II 22'37	
morning set	-1685 Aug 27 j 09:32	9° ☿ 53'05		morning max el	-1684 Jul 24 j 13:32	27° II 53'40	18°05'21
				asc. node	-1684 Jul 26 j 14:10	0° ☿ 05'13	
					-1684 Jul 26 j 12:25	0° ☿	
superior conj	-1685 Sep 07 j 20:24	29° ☿ 49'27	1°11'35				
minimum elong	-1685 Sep 08 j 01:44	0° ☿ 11'55	1°11'00	morning set	-1684 Aug 09 j 12:17	23° ☿ 06'20	
	-1685 Sep 07 j 22:55	0° ☿			-1684 Aug 13 j 05:22	0° ☿	
max. Earth dist.	-1685 Sep 14 j 16:23	11° ☿ 07'16	1.43312 AU				
desc. node	-1685 Sep 19 j 13:02	18° ☿ 53'52		superior conj	-1684 Aug 19 j 11:16	11° ☿ 20'35	1°35'20
evening rise	-1685 Sep 23 j 00:15	24° ☿ 19'54		minimum elong	-1684 Aug 19 j 15:02	11° ☿ 37'18	1°35'04
	-1685 Sep 26 j 16:26	0° ☿		max. Earth dist.	-1684 Aug 27 j 01:42	24° ☿ 27'47	1.41651 AU
	-1685 Oct 17 j 10:59	0° ☿			-1684 Aug 30 j 10:03	0° ☿	
evening max el	-1685 Oct 23 j 06:01	6° ☿ 47'59	21°15'35	evening rise	-1684 Sep 01 j 17:20	3° ☿ 43'54	
retrograde	-1685 Oct 31 j 21:16	11° ☿ 55'32		desc. node	-1684 Sep 05 j 10:02	9° ☿ 35'33	
evening set	-1685 Nov 04 j 23:33	10° ☿ 21'18			-1684 Sep 19 j 01:16	0° ☿	
asc. node	-1685 Nov 05 j 16:15	9° ☿ 46'18		evening max el	-1684 Oct 04 j 23:20	20° ☿ 15'30	22°32'19
inferior conj	-1685 Nov 10 j 08:23	4° ☿ 08'20	1°33'32	retrograde	-1684 Oct 14 j 16:28	26° ☿ 01'59	
minimum elong	-1685 Nov 10 j 06:23	4° ☿ 15'14	1°32'43	evening set	-1684 Oct 19 j 07:12	24° ☿ 09'39	
min. Earth dist.	-1685 Nov 10 j 16:41	3° ☿ 39'48	0.67331 AU	asc. node	-1684 Oct 22 j 13:17	20° ☿ 39'13	
	-1685 Nov 13 j 12:18	30° ☿		inferior conj	-1684 Oct 24 j 15:09	17° ☿ 50'52	0°42'43
morning rise	-1685 Nov 15 j 13:03	27° ☿ 54'24		minimum elong	-1684 Oct 24 j 14:10	17° ☿ 54'16	0°42'17
direct	-1685 Nov 20 j 16:54	25° ☿ 41'24		min. Earth dist.	-1684 Oct 24 j 12:53	17° ☿ 58'42	0.67552 AU
	-1685 Nov 29 j 04:14	0° ☿		morning rise	-1684 Oct 29 j 21:02	11° ☿ 38'35	
morning max el	-1685 Dec 01 j 05:53	1° ☿ 58'13	23°36'18	direct	-1684 Nov 03 j 09:54	9° ☿ 47'50	
desc. node	-1685 Dec 16 j 12:19	21° ☿ 12'02		morning max el	-1684 Nov 12 j 18:00	15° ☿ 19'35	22°09'55
	-1685 Dec 22 j 12:32	0° ☿			-1684 Nov 24 j 13:46	0° ☿	
morning set	-1684 Jan 05 j 11:54	22° ☿ 18'41		desc. node	-1684 Dec 02 j 09:22	11° ☿ 14'38	
max. Earth dist.	-1684 Jan 09 j 13:53	29° ☿ 21'20	1.38974 AU		-1684 Dec 14 j 13:35	0° ☿	
	-1684 Jan 09 j 22:40	0° ☿		morning set	-1684 Dec 15 j 17:15	1° ☿ 51'04	
				max. Earth dist.	-1684 Dec 21 j 11:45	11° ☿ 20'31	1.41057 AU
superior conj	-1684 Jan 17 j 00:48	12° ☿ 53'56	-1°53'56				
minimum elong	-1684 Jan 17 j 03:16	13° ☿ 05'29	1°53'49	superior conj	-1684 Dec 29 j 05:42	24° ☿ 43'37	-1°59'05
	-1684 Jan 25 j 22:15	0° ☿		minimum elong	-1684 Dec 29 j 05:22	24° ☿ 42'08	1°59'07
evening rise	-1684 Jan 26 j 04:32	0° ☿ 30'32			-1683 Jan 01 j 04:09	0° ☿	
asc. node	-1684 Feb 01 j 15:33	12° ☿ 41'34		evening rise	-1683 Jan 08 j 13:20	13° ☿ 38'17	
evening max el	-1684 Feb 11 j 13:45	26° ☿ 54'19	18°43'06		-1683 Jan 17 j 16:10	0° ☿	
	-1684 Feb 15 j 23:10	0° ☿		asc. node	-1683 Jan 18 j 12:34	1° ☿ 22'10	
retrograde	-1684 Feb 19 j 13:28	0° ☿ 46'51		evening max el	-1683 Jan 24 j 20:43	9° ☿ 40'59	18°15'36
evening set	-1684 Feb 21 j 23:09	0° ☿ 27'08		retrograde	-1683 Jan 31 j 22:30	13° ☿ 13'10	
	-1684 Feb 23 j 07:27	30° ☿		evening set	-1683 Feb 03 j 12:20	12° ☿ 46'00	
inferior conj	-1684 Feb 29 j 15:47	26° ☿ 03'50	3°06'57	inferior conj	-1683 Feb 10 j 12:48	8° ☿ 01'52	3°45'48
minimum elong	-1684 Feb 29 j 20:03	25° ☿ 55'48	3°06'01	minimum elong	-1683 Feb 10 j 14:53	7° ☿ 57'17	3°45'34
min. Earth dist.	-1684 Mar 03 j 23:50	23° ☿ 34'45	0.57831 AU	min. Earth dist.	-1683 Feb 13 j 21:24	5° ☿ 07'03	0.59846 AU
morning rise	-1684 Mar 08 j 14:16	20° ☿ 49'05		morning rise	-1683 Feb 17 j 15:27	2° ☿ 24'29	
desc. node	-1684 Mar 13 j 11:25	19° ☿ 31'27		direct	-1683 Feb 24 j 04:47	0° ☿ 26'25	
direct	-1684 Mar 14 j 06:19	19° ☿ 29'54		desc. node	-1683 Feb 28 j 08:29	1° ☿ 11'12	
morning max el	-1684 Mar 28 j 13:55	27° ☿ 00'10	26°13'39	morning max el	-1683 Mar 10 j 11:09	8° ☿ 09'30	27°16'18
	-1684 Mar 31 j 11:03	0° ☿			-1683 Mar 27 j 01:20	0° ☿	
	-1684 Apr 20 j 04:29	0° ☿		morning set	-1683 Apr 10 j 12:52	26° ☿ 48'41	
morning set	-1684 Apr 26 j 03:54	11° ☿ 59'08			-1683 Apr 12 j 01:22	0° ☿	
asc. node	-1684 Apr 29 j 14:55	19° ☿ 22'42		asc. node	-1683 Apr 16 j 11:56	9° ☿ 34'30	
				max. Earth dist.	-1683 Apr 17 j 03:37	11° ☿ 00'17	1.32436 AU
superior conj	-1684 May 03 j 04:11	27° ☿ 08'24	0°36'42				
minimum elong	-1684 May 03 j 02:38	26° ☿ 59'55	0°36'24	superior conj	-1683 Apr 17 j 15:53	12° ☿ 07'27	0°12'17
max. Earth dist.	-1684 May 03 j 14:35	28° ☿ 05'19	1.32566 AU	minimum elong	-1683 Apr 17 j 15:20	12° ☿ 04'25	0°12'10
	-1684 May 04 j 11:33	0° ☿		behind sun begin	-1683 Apr 17 j 12:07	11° ☿ 46'47	
evening rise	-1684 May 10 j 04:38	12° ☿ 14'02		behind sun end	-1683 Apr 17 j 18:33	12° ☿ 22'04	
	-1684 May 19 j 08:39	0° ☿		evening rise	-1683 Apr 24 j 14:10	27° ☿ 07'31	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1683 Apr 25 j 23:15	0°♄		behind sun begin	-1682 Apr 02 j 00:11	26°♄48'11	
	-1683 May 13 j 03:02	0°♄		behind sun end	-1682 Apr 02 j 05:47	27°♄18'33	
evening max el	-1683 May 22 j 16:08	11°♄20'10	25°53'49	asc. node	-1682 Apr 03 j 08:59	29°♄46'38	
desc. node	-1683 May 27 j 07:38	15°♄10'30			-1682 Apr 03 j 11:26	0°♄	
retrograde	-1683 Jun 05 j 17:55	18°♄34'27		evening rise	-1682 Apr 09 j 01:41	12°♄04'10	
evening set	-1683 Jun 11 j 17:44	17°♄07'35			-1682 Apr 18 j 05:38	0°♄	
min. Earth dist.	-1683 Jun 16 j 04:39	14°♄26'13	0.58749 AU	evening max el	-1682 May 04 j 08:41	22°♄15'13	24°29'48
inferior conj	-1683 Jun 19 j 12:26	11°♄59'14	-4°32'52	desc. node	-1682 May 14 j 04:40	28°♄38'40	
minimum elong	-1683 Jun 19 j 11:20	12°♄01'15	4°32'47	retrograde	-1682 May 18 j 07:18	29°♄17'25	
morning rise	-1683 Jun 27 j 07:29	7°♄34'43		evening set	-1682 May 22 j 23:31	28°♄28'13	
direct	-1683 Jun 29 j 19:48	7°♄13'53		min. Earth dist.	-1682 May 28 j 20:24	25°♄30'22	0.56888 AU
morning max el	-1683 Jul 07 j 21:00	11°♄02'54	18°36'06	inferior conj	-1682 May 31 j 14:40	23°♄44'05	-4°04'01
asc. node	-1683 Jul 13 j 11:13	17°♄56'10		minimum elong	-1682 May 31 j 09:27	23°♄52'30	4°03'08
	-1683 Jul 20 j 12:13	0°♄		morning rise	-1682 Jun 08 j 22:21	19°♄38'33	
morning set	-1683 Jul 24 j 03:26	6°♄56'35		direct	-1682 Jun 11 j 11:39	19°♄20'36	
				morning max el	-1682 Jun 20 j 20:11	23°♄41'25	19°27'32
superior conj	-1683 Aug 02 j 00:24	23°♄58'27	1°46'30		-1682 Jun 26 j 04:35	0°♄	
minimum elong	-1683 Aug 02 j 01:46	24°♄04'51	1°46'29	asc. node	-1682 Jun 30 j 08:18	6°♄31'47	
	-1683 Aug 05 j 06:45	0°♄		morning set	-1682 Jul 08 j 03:25	21°♄15'00	
max. Earth dist.	-1683 Aug 09 j 05:23	7°♄02'37	1.39708 AU		-1682 Jul 12 j 12:01	0°♄	
evening rise	-1683 Aug 13 j 09:57	14°♄14'36		superior conj	-1682 Jul 16 j 06:10	7°♄27'30	1°47'30
desc. node	-1683 Aug 23 j 07:02	0°♄09'14		minimum elong	-1682 Jul 16 j 05:30	7°♄24'18	1°47'31
	-1683 Aug 23 j 04:38	0°♄		max. Earth dist.	-1682 Jul 22 j 07:59	19°♄02'55	1.37746 AU
	-1683 Sep 14 j 00:33	0°♄		evening rise	-1682 Jul 26 j 03:48	25°♄58'48	
evening max el	-1683 Sep 17 j 12:24	3°♄44'58	23°52'48		-1682 Jul 28 j 10:53	0°♄	
retrograde	-1683 Sep 28 j 08:25	10°♄08'03		desc. node	-1682 Aug 10 j 04:01	20°♄30'23	
evening set	-1683 Oct 03 j 13:13	7°♄57'11			-1682 Aug 16 j 17:43	0°♄	
inferior conj	-1683 Oct 08 j 21:45	1°♄36'24	-0°10'53	evening max el	-1682 Aug 30 j 23:47	17°♄18'36	25°10'00
minimum elong	-1683 Oct 08 j 22:01	1°♄35'32	0°10'46	retrograde	-1682 Sep 11 j 20:10	24°♄10'18	
transit middle	-1683 Oct 08 j 22:01	1°♄35'32	0°10'46	evening set	-1682 Sep 17 j 15:49	21°♄42'10	
transit begin	-1683 Oct 08 j 19:58	1°♄42'29		min. Earth dist.	-1682 Sep 22 j 03:19	16°♄39'08	0.67066 AU
transit end	-1683 Oct 09 j 00:03	1°♄28'35		inferior conj	-1682 Sep 23 j 02:28	15°♄23'18	-1°05'41
min. Earth dist.	-1683 Oct 08 j 09:15	2°♄18'56	0.67463 AU	minimum elong	-1682 Sep 23 j 04:05	15°♄18'02	1°04'59
asc. node	-1683 Oct 09 j 10:22	0°♄53'37		asc. node	-1682 Sep 26 j 07:28	11°♄28'03	
	-1683 Oct 10 j 02:24	30°♄09'14		morning rise	-1682 Sep 28 j 16:25	9°♄22'42	
morning rise	-1683 Oct 14 j 06:46	25°♄28'27		direct	-1682 Oct 02 j 04:13	8°♄12'06	
direct	-1683 Oct 18 j 06:06	23°♄59'04		morning max el	-1682 Oct 09 j 14:02	12°♄26'59	19°43'29
morning max el	-1683 Oct 26 j 12:16	28°♄48'34	20°50'39		-1682 Oct 22 j 17:22	0°♄	
	-1683 Oct 27 j 15:23	0°♄		morning set	-1682 Nov 03 j 19:08	18°♄28'00	
	-1683 Nov 18 j 05:35	0°♄		desc. node	-1682 Nov 06 j 03:26	22°♄06'30	
desc. node	-1683 Nov 19 j 06:25	1°♄34'31			-1682 Nov 11 j 04:41	0°♄	
morning set	-1683 Nov 24 j 21:21	10°♄14'42		max. Earth dist.	-1682 Nov 16 j 04:34	7°♄53'10	1.44219 AU
max. Earth dist.	-1683 Dec 03 j 16:22	24°♄13'09	1.42885 AU	superior conj	-1682 Nov 20 j 12:24	14°♄48'32	-1°24'35
	-1683 Dec 07 j 05:04	0°♄		minimum elong	-1682 Nov 20 j 04:40	14°♄17'24	1°23'50
superior conj	-1683 Dec 10 j 10:40	5°♄23'49	-1°50'30		-1682 Nov 29 j 18:45	0°♄	
minimum elong	-1683 Dec 10 j 06:02	5°♄04'18	1°50'16	evening rise	-1682 Dec 04 j 06:41	7°♄33'31	
evening rise	-1683 Dec 22 j 07:33	26°♄02'11			-1682 Dec 17 j 23:56	0°♄	
	-1683 Dec 24 j 13:00	0°♄		evening max el	-1682 Dec 22 j 20:37	6°♄05'42	18°19'16
asc. node	-1682 Jan 05 j 09:36	19°♄22'37		asc. node	-1682 Dec 23 j 06:40	6°♄30'36	
evening max el	-1682 Jan 08 j 07:59	22°♄47'28	18°07'55	retrograde	-1682 Dec 29 j 09:05	9°♄37'59	
retrograde	-1682 Jan 14 j 22:29	26°♄13'35		evening set	-1681 Jan 01 j 07:09	8°♄52'29	
evening set	-1682 Jan 17 j 16:14	25°♄37'46		inferior conj	-1681 Jan 07 j 08:52	3°♄27'30	3°45'08
inferior conj	-1682 Jan 24 j 03:49	20°♄32'38	3°55'51	minimum elong	-1681 Jan 07 j 06:52	3°♄33'07	3°44'51
minimum elong	-1682 Jan 24 j 03:30	20°♄33'26	3°55'49	min. Earth dist.	-1681 Jan 09 j 17:04	0°♄50'46	0.63714 AU
min. Earth dist.	-1682 Jan 27 j 02:34	17°♄36'42	0.61886 AU		-1681 Jan 10 j 12:07	30°♄00'00	
morning rise	-1682 Jan 30 j 13:34	14°♄40'53		morning rise	-1681 Jan 13 j 05:59	27°♄26'22	
direct	-1682 Feb 06 j 13:23	12°♄10'33		direct	-1681 Jan 20 j 05:47	24°♄37'56	
desc. node	-1682 Feb 15 j 05:34	15°♄25'38			-1681 Jan 31 j 07:40	0°♄	
morning max el	-1682 Feb 20 j 14:27	19°♄59'09	27°44'14	desc. node	-1681 Feb 02 j 02:38	1°♄37'58	
	-1682 Mar 01 j 05:04	0°♄		morning max el	-1681 Feb 02 j 22:09	2°♄25'31	27°35'40
	-1682 Mar 19 j 22:07	0°♄			-1681 Feb 23 j 11:43	0°♄	
morning set	-1682 Mar 25 j 17:26	11°♄22'42		morning set	-1681 Mar 09 j 15:04	25°♄31'37	
max. Earth dist.	-1682 Mar 31 j 14:21	23°♄44'52	1.32671 AU		-1681 Mar 11 j 20:22	0°♄	
superior conj	-1682 Apr 02 j 02:22	26°♄59'59	-0°13'26	max. Earth dist.	-1681 Mar 14 j 18:48	6°♄04'50	1.33303 AU
minimum elong	-1682 Apr 02 j 02:59	27°♄03'22	0°13'19				

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1681 Mar 17 j 09:45	11° X 38'38	-0°39'31	minimum elong	-1680 Feb 29 j 14:56	26° \approx 12'02	1°04'21
minimum elong	-1681 Mar 17 j 11:36	11° X 48'27	0°39'10		-1680 Mar 02 j 10:27	0° X	
asc. node	-1681 Mar 21 j 06:00	19° X 54'07		asc. node	-1680 Mar 07 j 03:03	9° X 52'49	
evening rise	-1681 Mar 24 j 13:17	26° X 56'18		evening rise	-1680 Mar 07 j 23:11	11° X 37'44	
	-1681 Mar 26 j 00:32	0° Y			-1680 Mar 17 j 13:58	0° Y	
	-1681 Apr 13 j 06:14	0° Z		evening max el	-1680 Mar 27 j 21:43	13° Y 43'28	21°24'14
evening max el	-1681 Apr 16 j 00:21	2° Z 53'27	22°55'13	retrograde	-1680 Apr 08 j 22:07	19° Y 32'30	
retrograde	-1681 Apr 29 j 07:28	9° Z 27'40		evening set	-1680 Apr 11 j 08:36	19° Y 18'56	
desc. node	-1681 May 01 j 01:44	9° Z 20'47		desc. node	-1680 Apr 16 j 22:47	17° Y 20'05	
evening set	-1681 May 02 j 15:06	9° Z 03'35		inferior conj	-1680 Apr 20 j 17:12	15° Y 18'23	-1°03'43
min. Earth dist.	-1681 May 10 j 09:51	5° Z 37'38	0.55564 AU	minimum elong	-1680 Apr 20 j 14:12	15° Y 22'35	1°02'39
inferior conj	-1681 May 11 j 21:44	4° Z 45'50	-2°52'13	min. Earth dist.	-1680 Apr 20 j 23:02	15° Y 10'10	0.55064 AU
minimum elong	-1681 May 11 j 15:07	4° Z 55'24	2°50'20	morning rise	-1680 Apr 29 j 20:12	11° Y 16'51	
morning rise	-1681 May 20 j 17:28	0° Z 50'29		direct	-1680 May 02 j 20:51	10° Y 56'53	
direct	-1681 May 23 j 09:31	0° Z 33'36		morning max el	-1680 May 15 j 10:36	16° Y 55'32	22°08'55
morning max el	-1681 Jun 03 j 08:48	5° Z 39'33	20°39'28		-1680 May 25 j 17:09	0° Z	
asc. node	-1681 Jun 17 j 05:22	25° Z 40'27		asc. node	-1680 Jun 03 j 02:24	15° Z 13'45	
	-1681 Jun 19 j 11:11	0° II		morning set	-1680 Jun 05 j 19:10	20° Z 44'57	
morning set	-1681 Jun 22 j 09:25	5° II 53'19			-1680 Jun 10 j 04:26	0° II	
superior conj	-1681 Jun 29 j 23:44	21° II 33'21	1°40'41	superior conj	-1680 Jun 13 j 01:27	6° II 05'04	1°27'56
minimum elong	-1681 Jun 29 j 21:47	21° II 23'26	1°40'35	minimum elong	-1680 Jun 12 j 22:56	5° II 51'49	1°27'40
	-1681 Jul 04 j 04:52	0° III		max. Earth dist.	-1680 Jun 16 j 07:49	12° II 52'29	1.34535 AU
max. Earth dist.	-1681 Jul 04 j 15:29	0° III 52'00	1.35975 AU	evening rise	-1680 Jun 21 j 01:29	22° II 20'14	
evening rise	-1681 Jul 08 j 18:41	8° III 45'24			-1680 Jun 25 j 02:46	0° III	
	-1681 Jul 21 j 02:21	0° IV		desc. node	-1680 Jul 13 j 22:04	0° IV 07'57	
desc. node	-1681 Jul 28 j 01:02	10° IV 32'50			-1680 Jul 13 j 19:44	0° IV	
	-1681 Aug 12 j 13:37	0° V		evening max el	-1680 Jul 25 j 22:53	14° IV 21'27	27°03'22
evening max el	-1681 Aug 13 j 11:14	0° V 53'33	26°16'08	retrograde	-1680 Aug 08 j 04:43	21° IV 40'52	
retrograde	-1681 Aug 26 j 03:03	8° V 03'42		evening set	-1680 Aug 15 j 02:26	18° IV 53'45	
evening set	-1681 Sep 01 j 13:03	5° V 22'22		min. Earth dist.	-1680 Aug 18 j 22:42	15° IV 05'54	0.65232 AU
min. Earth dist.	-1681 Sep 05 j 16:36	0° V 56'44	0.66332 AU	inferior conj	-1680 Aug 20 j 22:33	12° IV 49'19	-2°51'36
	-1681 Sep 06 j 11:01	30° RIV		minimum elong	-1680 Aug 21 j 02:30	12° IV 38'02	2°50'18
inferior conj	-1681 Sep 07 j 03:28	29° IV 09'02	-1°59'56	morning rise	-1680 Aug 27 j 03:08	7° IV 13'11	
minimum elong	-1681 Sep 07 j 06:22	29° IV 00'02	1°58'48	direct	-1680 Aug 29 j 22:40	6° IV 30'14	
morning rise	-1681 Sep 12 j 23:58	23° IV 19'03		asc. node	-1680 Aug 30 j 01:37	6° IV 30'19	
asc. node	-1681 Sep 13 j 04:34	23° IV 12'30		morning max el	-1680 Sep 05 j 11:54	10° IV 03'38	18°15'23
direct	-1681 Sep 16 j 02:28	22° IV 23'59			-1680 Sep 19 j 06:13	0° V	
morning max el	-1681 Sep 22 j 22:37	26° IV 13'32	18°51'14	morning set	-1680 Sep 24 j 05:17	8° V 11'04	
	-1681 Sep 26 j 04:55	0° VI			-1680 Oct 07 j 16:09	0° VI	
morning set	-1681 Oct 14 j 10:18	27° V 38'28		superior conj	-1680 Oct 08 j 18:23	1° VI 44'14	0°07'20
	-1681 Oct 15 j 22:04	0° VII		minimum elong	-1680 Oct 08 j 19:19	1° VI 47'55	0°07'12
desc. node	-1681 Oct 24 j 00:27	12° VI 46'45		behind sun begin	-1680 Oct 08 j 09:20	1° VI 08'19	
max. Earth dist.	-1681 Oct 29 j 21:56	22° VI 03'21	1.44888 AU	behind sun end	-1680 Oct 09 j 05:17	2° VI 27'29	
superior conj	-1681 Oct 30 j 16:39	23° VI 17'06	-0°42'17	desc. node	-1680 Oct 09 j 21:27	3° VI 31'32	
minimum elong	-1681 Oct 30 j 11:15	22° VI 55'48	0°41'36	max. Earth dist.	-1680 Oct 11 j 16:41	6° VI 22'17	1.44821 AU
	-1681 Nov 03 j 22:46	0° VII		evening rise	-1680 Oct 25 j 07:07	27° VI 39'37	
evening rise	-1681 Nov 15 j 06:49	18° VII 06'06			-1680 Oct 26 j 19:10	0° VII	
	-1681 Nov 22 j 15:52	0° VIII		greatest brilliancy	-1680 Nov 06 j 03:46	16° VII 00'12	-0.7m
evening max el	-1681 Dec 06 j 07:57	19° VIII 30'08	18°48'37		-1680 Nov 16 j 01:32	0° VIII	
asc. node	-1681 Dec 10 j 03:45	22° VIII 31'55		evening max el	-1680 Nov 18 j 15:41	2° VIII 56'32	19°34'39
retrograde	-1681 Dec 13 j 02:21	23° VIII 19'05		retrograde	-1680 Nov 25 j 23:00	7° VIII 11'00	
evening set	-1681 Dec 16 j 05:51	22° VIII 22'33		asc. node	-1680 Nov 26 j 00:49	7° VIII 10'58	
inferior conj	-1681 Dec 22 j 00:18	16° VIII 40'03	3°19'48	evening set	-1680 Nov 29 j 09:38	6° VIII 01'37	
minimum elong	-1681 Dec 21 j 21:29	16° VIII 48'41	3°19'09	inferior conj	-1680 Dec 04 j 22:58	0° VIII 04'38	2°44'05
min. Earth dist.	-1681 Dec 23 j 17:19	14° VIII 34'47	0.65200 AU	minimum elong	-1680 Dec 04 j 20:03	0° VIII 14'08	2°43'11
morning rise	-1681 Dec 27 j 12:48	10° VIII 32'21			-1680 Dec 05 j 00:23	30° RVI	
direct	-1680 Jan 03 j 04:44	7° VIII 40'51		min. Earth dist.	-1680 Dec 06 j 02:05	28° VII 36'14	0.66309 AU
morning max el	-1680 Jan 16 j 07:48	15° VIII 19'06	26°54'27	morning rise	-1680 Dec 10 j 06:15	23° VII 52'35	
desc. node	-1680 Jan 19 j 23:42	19° VIII 15'09		direct	-1680 Dec 16 j 09:38	21° VII 10'08	
	-1680 Jan 28 j 10:24	0° IX		morning max el	-1680 Dec 28 j 17:10	28° VII 27'15	25°48'06
	-1680 Feb 16 j 05:20	0° \approx			-1680 Dec 30 j 04:57	0° IX	
morning set	-1680 Feb 21 j 02:31	9° \approx 05'25		desc. node	-1679 Jan 05 j 20:44	7° IX 51'54	
max. Earth dist.	-1680 Feb 25 j 13:28	17° \approx 51'41	1.34366 AU		-1679 Jan 21 j 04:52	0° X	
superior conj	-1680 Feb 29 j 12:02	25° \approx 56'55	-1°04'51	morning set	-1679 Feb 02 j 23:25	21° X 50'42	
				max. Earth dist.	-1679 Feb 06 j 20:12	29° X 05'47	1.35872 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1679 Feb 07 j 07:30	0°♊		morning set	-1678 Jan 16 j 00:03	3°♊31'38	
				max. Earth dist.	-1678 Jan 19 j 17:19	10°♊08'33	1.37769 AU
superior conj	-1679 Feb 12 j 06:36	9°♊46'49	-1°27'52				
minimum elong	-1679 Feb 12 j 10:07	10°♊04'32	1°27'24	superior conj	-1678 Jan 26 j 14:08	22°♊59'25	-1°46'24
evening rise	-1679 Feb 20 j 05:21	26°♊01'36		minimum elong	-1678 Jan 26 j 17:23	23°♊15'05	1°46'09
asc. node	-1679 Feb 22 j 00:06	29°♊37'44			-1678 Jan 30 j 04:18	0°♊	
	-1679 Feb 22 j 04:33	0°♋		evening rise	-1678 Feb 04 j 05:30	10°♊01'25	
evening max el	-1679 Mar 10 j 05:21	25°♋05'56	20°06'59	asc. node	-1678 Feb 08 j 21:08	19°♊03'13	
	-1679 Mar 19 j 14:39	0°♌			-1678 Feb 15 j 06:32	0°♋	
retrograde	-1679 Mar 20 j 13:36	0°♌02'27		evening max el	-1678 Feb 20 j 23:50	7°♋05'47	19°08'04
	-1679 Mar 21 j 12:48	30°♌		retrograde	-1678 Mar 01 j 17:27	11°♋17'01	
evening set	-1679 Mar 22 j 17:55	29°♋50'14		evening set	-1678 Mar 04 j 00:30	11°♋00'56	
inferior conj	-1679 Mar 31 j 14:58	25°♋50'47	0°53'37	inferior conj	-1678 Mar 12 j 03:40	6°♋48'58	2°28'34
minimum elong	-1679 Mar 31 j 17:18	25°♋47'17	0°52'49	minimum elong	-1678 Mar 12 j 08:18	6°♋40'59	2°27'18
min. Earth dist.	-1679 Apr 02 j 13:10	24°♋41'27	0.55507 AU	min. Earth dist.	-1678 Mar 15 j 04:42	4°♋44'25	0.56804 AU
desc. node	-1679 Apr 03 j 19:49	23°♋57'03		morning rise	-1678 Mar 20 j 13:11	1°♋50'53	
morning rise	-1679 Apr 09 j 14:44	21°♋24'37		desc. node	-1678 Mar 21 j 16:53	1°♋27'09	
direct	-1679 Apr 13 j 11:02	20°♋52'11		direct	-1678 Mar 25 j 13:35	0°♋51'54	
morning max el	-1679 Apr 27 j 04:19	27°♋39'08	23°48'22	morning max el	-1678 Apr 08 j 19:04	8°♋11'23	25°25'10
	-1679 Apr 29 j 11:46	0°♌			-1678 Apr 24 j 23:20	0°♌	
	-1679 May 18 j 12:04	0°♍		morning set	-1678 May 05 j 18:51	20°♌44'27	
asc. node	-1679 May 20 j 23:25	5°♍05'09		asc. node	-1678 May 07 j 20:27	25°♌08'14	
morning set	-1679 May 21 j 06:54	5°♍44'16			-1678 May 10 j 02:21	0°♍	
superior conj	-1679 May 28 j 08:34	20°♍54'06	1°10'38	superior conj	-1678 May 12 j 18:52	5°♍52'01	0°49'54
minimum elong	-1679 May 28 j 06:05	20°♍40'41	1°10'16	minimum elong	-1678 May 12 j 16:52	5°♍41'06	0°49'31
max. Earth dist.	-1679 May 30 j 09:34	25°♍16'13	1.33475 AU	max. Earth dist.	-1678 May 13 j 18:26	8°♍00'22	1.32792 AU
	-1679 Jun 01 j 15:27	0°♎		evening rise	-1678 May 19 j 22:05	21°♍05'16	
evening rise	-1679 Jun 04 j 19:48	6°♎30'53			-1678 May 24 j 09:21	0°♎	
	-1679 Jun 17 j 16:17	0°♏			-1678 Jun 11 j 19:42	0°♏	
desc. node	-1679 Jun 30 j 19:04	19°♏04'09		desc. node	-1678 Jun 17 j 16:05	7°♏04'10	
evening max el	-1679 Jul 08 j 09:33	27°♏31'34	27°24'41	evening max el	-1678 Jun 20 j 17:07	10°♏11'01	27°14'53
	-1679 Jul 11 j 04:24	0°♐		retrograde	-1678 Jul 04 j 14:20	17°♏30'50	
retrograde	-1679 Jul 22 j 00:47	4°♐53'22		evening set	-1678 Jul 11 j 16:37	15°♏09'12	
evening set	-1679 Jul 29 j 04:56	2°♐11'58		min. Earth dist.	-1678 Jul 15 j 07:01	12°♏20'10	0.61954 AU
	-1679 Jul 31 j 18:37	30°♐		inferior conj	-1678 Jul 18 j 08:31	9°♏31'25	-4°14'00
min. Earth dist.	-1679 Aug 01 j 19:53	28°♏58'09	0.63759 AU	minimum elong	-1678 Jul 18 j 12:07	9°♏23'09	4°13'26
inferior conj	-1679 Aug 04 j 09:16	26°♏19'23	-3°37'46	morning rise	-1678 Jul 25 j 09:02	4°♏31'54	
minimum elong	-1679 Aug 04 j 13:37	26°♏08'06	3°36'40	direct	-1678 Jul 27 j 21:36	4°♏04'17	
morning rise	-1679 Aug 10 j 23:15	21°♏00'10		morning max el	-1678 Aug 03 j 17:48	7°♏30'54	17°56'38
direct	-1679 Aug 13 j 14:08	20°♏26'13		asc. node	-1678 Aug 03 j 19:41	7°♏35'33	
asc. node	-1679 Aug 16 j 22:39	21°♏22'16			-1678 Aug 18 j 07:26	0°♑	
morning max el	-1679 Aug 20 j 03:16	23°♏51'56	17°56'52	morning set	-1678 Aug 19 j 19:59	2°♑45'35	
	-1679 Aug 25 j 01:11	0°♑					
morning set	-1679 Sep 06 j 02:26	19°♑59'07		superior conj	-1678 Aug 30 j 14:19	21°♑54'44	1°23'20
	-1679 Sep 11 j 22:27	0°♒		minimum elong	-1678 Aug 30 j 19:12	22°♑15'49	1°22'51
superior conj	-1679 Sep 18 j 14:43	11°♒09'18	0°51'36		-1678 Sep 04 j 08:42	0°♒	
minimum elong	-1679 Sep 18 j 19:42	11°♒29'43	0°51'00	max. Earth dist.	-1678 Sep 06 j 21:28	4°♒11'31	1.42658 AU
max. Earth dist.	-1679 Sep 24 j 09:18	20°♒30'33	1.44043 AU	evening rise	-1678 Sep 13 j 23:22	15°♒33'25	
desc. node	-1679 Sep 26 j 18:29	24°♒18'02		desc. node	-1678 Sep 13 j 15:30	15°♒02'26	
	-1679 Sep 30 j 09:27	0°♓			-1678 Sep 23 j 09:27	0°♓	
evening rise	-1679 Oct 04 j 14:58	6°♓34'06		evening max el	-1678 Oct 15 j 14:52	29°♓51'32	21°47'29
	-1679 Oct 20 j 04:22	0°♔			-1678 Oct 15 j 18:13	0°♔	
evening max el	-1679 Nov 01 j 18:12	16°♔23'48	20°35'17	retrograde	-1678 Oct 24 j 16:55	5°♔15'30	
retrograde	-1679 Nov 09 j 20:31	21°♔10'44		evening set	-1678 Oct 29 j 00:12	3°♔33'57	
asc. node	-1679 Nov 12 j 21:50	20°♔17'12		asc. node	-1678 Oct 30 j 18:52	1°♔52'35	
evening set	-1679 Nov 13 j 16:22	19°♔46'22			-1678 Nov 01 j 08:31	30°♔	
inferior conj	-1679 Nov 19 j 02:24	13°♔38'17	2°00'55	inferior conj	-1678 Nov 03 j 08:30	27°♔18'16	1°12'25
minimum elong	-1679 Nov 18 j 23:56	13°♔46'37	2°00'00	minimum elong	-1678 Nov 03 j 06:53	27°♔23'49	1°11'44
min. Earth dist.	-1679 Nov 19 j 17:14	12°♔47'53	0.67058 AU	min. Earth dist.	-1678 Nov 03 j 12:18	27°♔05'06	0.67464 AU
morning rise	-1679 Nov 24 j 07:19	7°♔24'09		morning rise	-1678 Nov 08 j 13:25	21°♔04'35	
direct	-1679 Nov 29 j 19:57	4°♔58'52		direct	-1678 Nov 13 j 10:51	19°♔00'43	
morning max el	-1679 Dec 11 j 01:38	11°♔41'04	24°26'14	morning max el	-1678 Nov 23 j 11:16	24°♔58'27	22°59'00
desc. node	-1679 Dec 23 j 17:48	27°♔11'12			-1678 Nov 27 j 23:27	0°♕	
	-1679 Dec 25 j 18:10	0°♕		desc. node	-1678 Dec 10 j 14:51	17°♕00'53	
	-1678 Jan 13 j 23:05	0°♖			-1678 Dec 19 j 06:27	0°♖	
				morning set	-1678 Dec 27 j 22:14	13°♖52'52	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

max. Earth dist.	-1677 Jan 01 j 12:42	21° ♁ 39'14	1.39870 AU	superior conj	-1677 Dec 22 j 01:43	16° ♁ 45'43	-1°57'23
	-1677 Jan 06 j 06:50	0° ♁		minimum elong	-1677 Dec 21 j 23:40	16° ♁ 36'47	1°57'22
					-1677 Dec 29 j 12:26	0° ♁	
superior conj	-1677 Jan 09 j 06:21	5° ♁ 23'57	-1°57'31	evening rise	-1676 Jan 01 j 23:59	6° ♁ 20'50	
minimum elong	-1677 Jan 09 j 07:51	5° ♁ 30'53	1°57'31	asc. node	-1676 Jan 13 j 15:13	26° ♁ 27'40	
evening rise	-1677 Jan 18 j 20:53	23° ♁ 30'41			-1676 Jan 16 j 05:14	0° ♁	
	-1677 Jan 22 j 07:01	0° ♁		evening max el	-1676 Jan 18 j 12:20	2° ♁ 34'27	18°09'55
asc. node	-1677 Jan 26 j 18:10	8° ♁ 02'51		retrograde	-1676 Jan 25 j 07:57	6° ♁ 02'20	
evening max el	-1677 Feb 04 j 03:10	19° ♁ 38'25	18°29'01	evening set	-1676 Jan 27 j 23:33	5° ♁ 31'28	
retrograde	-1677 Feb 11 j 15:54	23° ♁ 19'59		inferior conj	-1676 Feb 03 j 18:05	0° ♁ 38'00	3°53'03
evening set	-1677 Feb 14 j 03:34	22° ♁ 57'08		minimum elong	-1676 Feb 03 j 19:06	0° ♁ 35'37	3°52'59
inferior conj	-1677 Feb 21 j 12:57	18° ♁ 25'20	3°27'27		-1676 Feb 04 j 10:22	30° ♁	
minimum elong	-1677 Feb 21 j 16:26	18° ♁ 18'21	3°26'52	min. Earth dist.	-1676 Feb 06 j 23:14	27° ♁ 40'11	0.60731 AU
min. Earth dist.	-1677 Feb 24 j 23:03	15° ♁ 42'19	0.58666 AU	morning rise	-1676 Feb 10 j 13:05	24° ♁ 53'52	
morning rise	-1677 Mar 01 j 02:53	13° ♁ 00'10		direct	-1676 Feb 17 j 08:16	22° ♁ 41'02	
direct	-1677 Mar 07 j 05:27	11° ♁ 24'11		desc. node	-1676 Feb 23 j 11:01	24° ♁ 18'13	
desc. node	-1677 Mar 08 j 13:56	11° ♁ 28'52			-1676 Mar 02 j 01:45	0° ♁	
morning max el	-1677 Mar 21 j 12:44	19° ♁ 00'37	26°44'07	morning max el	-1676 Mar 02 j 12:35	0° ♁ 26'15	27°32'45
	-1677 Mar 30 j 19:32	0° ♁			-1676 Mar 23 j 19:55	0° ♁	
	-1677 Apr 17 j 11:12	0° ♁		morning set	-1676 Apr 03 j 12:47	20° ♁ 23'09	
morning set	-1677 Apr 20 j 05:26	5° ♁ 39'44			-1676 Apr 08 j 01:48	0° ♁	
asc. node	-1677 Apr 24 j 17:30	15° ♁ 18'19		max. Earth dist.	-1676 Apr 09 j 19:51	3° ♁ 48'18	1.32496 AU
superior conj	-1677 Apr 27 j 06:33	20° ♁ 52'23	0°26'34	superior conj	-1676 Apr 10 j 17:55	5° ♁ 48'50	0°01'29
minimum elong	-1677 Apr 27 j 05:24	20° ♁ 46'03	0°26'20	minimum elong	-1676 Apr 10 j 17:51	5° ♁ 48'28	0°01'28
max. Earth dist.	-1677 Apr 27 j 07:09	20° ♁ 55'44	1.32470 AU	behind sun begin	-1676 Apr 10 j 12:49	5° ♁ 20'59	
	-1677 May 01 j 10:59	0° ♁		behind sun end	-1676 Apr 10 j 22:52	6° ♁ 15'57	
evening rise	-1677 May 04 j 05:39	5° ♁ 54'21		asc. node	-1676 Apr 10 j 14:34	5° ♁ 30'31	
	-1677 May 17 j 00:54	0° ♁		evening rise	-1676 Apr 17 j 16:17	20° ♁ 49'46	
evening max el	-1677 Jun 02 j 19:11	22° ♁ 09'22	26°32'06		-1676 Apr 22 j 04:01	0° ♁	
desc. node	-1677 Jun 04 j 13:05	23° ♁ 44'29			-1676 May 11 j 08:33	0° ♁	
retrograde	-1677 Jun 16 j 19:48	29° ♁ 25'28		evening max el	-1676 May 14 j 14:29	3° ♁ 23'26	25°20'14
evening set	-1677 Jun 23 j 09:03	27° ♁ 36'29		desc. node	-1676 May 21 j 10:07	8° ♁ 33'15	
min. Earth dist.	-1677 Jun 27 j 08:27	24° ♁ 57'25	0.59934 AU	retrograde	-1676 May 28 j 15:28	10° ♁ 33'30	
inferior conj	-1677 Jun 30 j 16:48	22° ♁ 16'40	-4°33'18	evening set	-1676 Jun 03 j 03:05	9° ♁ 23'20	
minimum elong	-1677 Jun 30 j 17:55	22° ♁ 14'25	4°33'13	min. Earth dist.	-1676 Jun 08 j 02:24	6° ♁ 36'53	0.57917 AU
morning rise	-1677 Jul 08 j 04:48	17° ♁ 39'02		inferior conj	-1676 Jun 11 j 06:34	4° ♁ 25'05	-4°25'28
direct	-1677 Jul 10 j 16:59	17° ♁ 15'56		minimum elong	-1676 Jun 11 j 03:39	4° ♁ 30'11	4°25'11
morning max el	-1677 Jul 18 j 04:38	20° ♁ 53'12	18°15'50	morning rise	-1676 Jun 19 j 06:57	0° ♁ 09'25	
asc. node	-1677 Jul 21 j 16:45	24° ♁ 55'04			-1676 Jun 20 j 00:11	30° ♁	
	-1677 Jul 25 j 03:19	0° ♁		direct	-1676 Jun 21 j 19:49	29° ♁ 49'48	
morning set	-1677 Aug 03 j 04:33	16° ♁ 16'11			-1676 Jun 23 j 14:34	0° ♁	
	-1677 Aug 10 j 11:50	0° ♁		morning max el	-1676 Jun 30 j 08:50	3° ♁ 50'09	18°55'30
superior conj	-1677 Aug 12 j 15:19	3° ♁ 55'56	1°41'29	asc. node	-1676 Jul 07 j 13:50	13° ♁ 06'21	
minimum elong	-1677 Aug 12 j 18:05	4° ♁ 08'27	1°41'20	morning set	-1676 Jul 16 j 23:53	0° ♁ 19'51	
max. Earth dist.	-1677 Aug 20 j 04:32	17° ♁ 14'12	1.40853 AU		-1676 Jul 16 j 19:50	0° ♁	
evening rise	-1677 Aug 25 j 01:42	25° ♁ 23'43		superior conj	-1676 Jul 25 j 12:15	16° ♁ 57'56	1°48'01
	-1677 Aug 27 j 21:59	0° ♁		minimum elong	-1676 Jul 25 j 12:41	17° ♁ 00'00	1°48'03
desc. node	-1677 Aug 31 j 12:29	5° ♁ 41'16		max. Earth dist.	-1676 Aug 01 j 07:36	29° ♁ 34'37	1.38863 AU
	-1677 Sep 17 j 04:55	0° ♁			-1676 Aug 01 j 13:17	0° ♁	
evening max el	-1677 Sep 28 j 06:17	13° ♁ 20'13	23°06'34	evening rise	-1676 Aug 05 j 05:21	6° ♁ 26'24	
retrograde	-1677 Oct 08 j 10:43	19° ♁ 22'09		desc. node	-1676 Aug 17 j 09:28	26° ♁ 10'37	
evening set	-1677 Oct 13 j 07:21	17° ♁ 21'55			-1676 Aug 19 j 22:21	0° ♁	
asc. node	-1677 Oct 17 j 15:56	12° ♁ 22'29		evening max el	-1676 Sep 09 j 18:20	26° ♁ 51'44	24°26'25
inferior conj	-1677 Oct 18 j 15:24	11° ♁ 02'06	0°20'13		-1676 Sep 13 j 06:10	0° ♁	
minimum elong	-1677 Oct 18 j 14:55	11° ♁ 03'44	0°20'00	retrograde	-1676 Sep 21 j 00:56	3° ♁ 27'54	
min. Earth dist.	-1677 Oct 18 j 08:48	11° ♁ 24'47	0.67557 AU	evening set	-1676 Sep 26 j 12:10	1° ♁ 09'06	
morning rise	-1677 Oct 23 j 22:24	4° ♁ 51'29			-1676 Sep 27 j 17:11	30° ♁	
direct	-1677 Oct 28 j 05:24	3° ♁ 09'55		min. Earth dist.	-1676 Oct 01 j 04:24	25° ♁ 45'50	0.67338 AU
morning max el	-1677 Nov 06 j 01:38	8° ♁ 22'21	21°34'57	inferior conj	-1676 Oct 01 j 21:25	24° ♁ 48'45	-0°34'04
	-1677 Nov 22 j 15:19	0° ♁		minimum elong	-1676 Oct 01 j 22:15	24° ♁ 45'59	0°33'42
desc. node	-1677 Nov 27 j 11:53	7° ♁ 11'33		asc. node	-1676 Oct 03 j 13:00	22° ♁ 38'41	
morning set	-1677 Dec 07 j 15:30	22° ♁ 51'10		morning rise	-1676 Oct 07 j 08:21	18° ♁ 43'50	
	-1677 Dec 12 j 02:20	0° ♁		direct	-1676 Oct 11 j 02:31	17° ♁ 22'56	
max. Earth dist.	-1677 Dec 14 j 13:40	4° ♁ 03'13	1.41886 AU	morning max el	-1676 Oct 18 j 23:13	21° ♁ 56'17	20°20'26
					-1676 Oct 25 j 15:33	0° ♁	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

desc. node	-1676 Nov 13 j 08:54	27° Ω 37'23			-1675 Nov 07 j 17:57	0° \mathbb{M}	
	-1676 Nov 14 j 21:54	0° \mathbb{M}		max. Earth dist.	-1675 Nov 08 j 12:31	1° \mathbb{M} 13'18	1.44590 AU
morning set	-1676 Nov 15 j 13:56	1° \mathbb{M} 02'04					
max. Earth dist.	-1676 Nov 25 j 22:08	17° \mathbb{M} 19'35	1.43529 AU	superior conj	-1675 Nov 11 j 10:14	5° \mathbb{M} 49'37	-1°08'17
				minimum elong	-1675 Nov 11 j 02:42	5° \mathbb{M} 19'41	1°07'27
superior conj	-1676 Dec 01 j 19:08	26° \mathbb{M} 53'18	-1°41'44	evening rise	-1675 Nov 26 j 00:26	29° \mathbb{M} 30'46	
minimum elong	-1676 Dec 01 j 12:46	26° \mathbb{M} 27'02	1°41'16		-1675 Nov 26 j 07:29	0° \mathbb{M}	
	-1676 Dec 03 j 16:10	0° \mathbb{M}		evening max el	-1675 Dec 15 j 12:47	29° \mathbb{M} 07'27	18°29'36
evening rise	-1676 Dec 14 j 10:40	18° \mathbb{M} 23'46			-1675 Dec 16 j 10:28	0° \mathbb{M}	
	-1676 Dec 21 j 03:25	0° \mathbb{M}		asc. node	-1675 Dec 17 j 09:19	0° \mathbb{M} 48'40	
asc. node	-1676 Dec 30 j 12:17	14° \mathbb{M} 07'16		retrograde	-1675 Dec 22 j 03:03	2° \mathbb{M} 45'56	
evening max el	-1675 Jan 01 j 00:27	15° \mathbb{M} 46'12	18°10'23	evening set	-1675 Dec 25 j 03:08	1° \mathbb{M} 56'07	
retrograde	-1675 Jan 07 j 13:09	19° \mathbb{M} 13'55			-1675 Dec 27 j 17:08	30° \mathbb{R} \mathbb{M}	
evening set	-1675 Jan 10 j 08:35	18° \mathbb{M} 34'10		inferior conj	-1675 Dec 31 j 01:29	26° \mathbb{M} 23'29	3°35'54
inferior conj	-1675 Jan 16 j 15:35	13° \mathbb{M} 20'04	3°53'26	minimum elong	-1675 Dec 30 j 23:02	26° \mathbb{M} 30'38	3°35'27
minimum elong	-1675 Jan 16 j 14:27	13° \mathbb{M} 23'04	3°53'19	min. Earth dist.	-1674 Jan 02 j 03:15	23° \mathbb{M} 58'43	0.64389 AU
min. Earth dist.	-1675 Jan 19 j 08:19	10° \mathbb{M} 30'22	0.62700 AU	morning rise	-1674 Jan 05 j 18:27	20° \mathbb{M} 18'59	
morning rise	-1675 Jan 22 j 19:25	7° \mathbb{M} 23'35		direct	-1674 Jan 12 j 15:38	17° \mathbb{M} 27'16	
direct	-1675 Jan 29 j 20:08	4° \mathbb{M} 43'53		morning max el	-1674 Jan 26 j 03:17	25° \mathbb{M} 13'09	27°21'42
desc. node	-1675 Feb 09 j 08:06	9° \mathbb{M} 27'06		desc. node	-1674 Jan 27 j 05:11	26° \mathbb{M} 19'10	
morning max el	-1675 Feb 12 j 18:17	12° \mathbb{M} 33'05	27°44'58		-1674 Jan 30 j 12:55	0° \mathbb{M}	
	-1675 Feb 26 j 16:57	0° \mathbb{M}			-1674 Feb 20 j 03:31	0° \mathbb{M}	
	-1675 Mar 16 j 04:53	0° \mathbb{M}		morning set	-1674 Mar 02 j 08:33	18° \mathbb{M} 43'30	
morning set	-1675 Mar 18 j 14:44	4° \mathbb{M} 47'28		max. Earth dist.	-1674 Mar 07 j 05:05	28° \mathbb{M} 30'37	1.33693 AU
max. Earth dist.	-1675 Mar 24 j 04:30	16° \mathbb{M} 24'11	1.32891 AU		-1674 Mar 07 j 22:20	0° \mathbb{M}	
superior conj	-1675 Mar 26 j 03:17	20° \mathbb{M} 35'43	-0°24'32	superior conj	-1674 Mar 10 j 08:49	5° \mathbb{M} 07'00	-0°50'27
minimum elong	-1675 Mar 26 j 04:26	20° \mathbb{M} 41'53	0°24'18	minimum elong	-1674 Mar 10 j 11:08	5° \mathbb{M} 19'17	0°50'01
asc. node	-1675 Mar 28 j 11:37	25° \mathbb{M} 40'55		asc. node	-1674 Mar 15 j 08:40	15° \mathbb{M} 45'29	
	-1675 Mar 30 j 11:29	0° \mathbb{M}		evening rise	-1674 Mar 17 j 15:09	20° \mathbb{M} 33'21	
evening rise	-1675 Apr 02 j 04:02	5° \mathbb{M} 44'50			-1674 Mar 22 j 06:51	0° \mathbb{M}	
	-1675 Apr 15 j 03:36	0° \mathbb{M}		evening max el	-1674 Apr 07 j 23:00	24° \mathbb{M} 47'19	22°15'26
evening max el	-1675 Apr 26 j 05:36	14° \mathbb{M} 06'37	23°49'51		-1674 Apr 15 j 12:30	0° \mathbb{M}	
desc. node	-1675 May 08 j 07:11	20° \mathbb{M} 53'35		retrograde	-1674 Apr 20 j 19:18	1° \mathbb{M} 04'27	
retrograde	-1675 May 09 j 23:30	21° \mathbb{M} 00'01		evening set	-1674 Apr 23 j 15:38	0° \mathbb{M} 46'33	
evening set	-1675 May 14 j 01:16	20° \mathbb{M} 23'16		desc. node	-1674 Apr 25 j 04:15	0° \mathbb{M} 23'06	
min. Earth dist.	-1675 May 20 j 16:38	17° \mathbb{M} 14'50	0.56232 AU		-1674 Apr 26 j 07:31	30° \mathbb{R} \mathbb{M}	
inferior conj	-1675 May 23 j 00:07	15° \mathbb{M} 50'17	-3°38'56	min. Earth dist.	-1674 May 02 j 06:12	27° \mathbb{M} 04'20	0.55230 AU
minimum elong	-1675 May 22 j 17:45	16° \mathbb{M} 00'02	3°37'32	inferior conj	-1674 May 03 j 01:00	26° \mathbb{M} 37'46	-2°09'32
morning rise	-1675 May 31 j 13:14	11° \mathbb{M} 51'05		minimum elong	-1674 May 02 j 19:22	26° \mathbb{M} 45'44	2°07'43
direct	-1675 Jun 03 j 03:13	11° \mathbb{M} 34'00		morning rise	-1674 May 12 j 00:42	22° \mathbb{M} 41'51	
morning max el	-1675 Jun 13 j 03:47	16° \mathbb{M} 12'18	19°55'55	direct	-1674 May 14 j 19:04	22° \mathbb{M} 24'30	
	-1675 Jun 23 j 08:22	0° \mathbb{M}		morning max el	-1674 May 26 j 11:50	27° \mathbb{M} 53'16	21°15'42
asc. node	-1675 Jun 24 j 10:54	1° \mathbb{M} 56'50			-1674 May 28 j 14:06	0° \mathbb{M}	
morning set	-1675 Jul 01 j 02:42	14° \mathbb{M} 47'19		asc. node	-1674 Jun 11 j 07:57	21° \mathbb{M} 17'07	
				morning set	-1674 Jun 15 j 10:32	29° \mathbb{M} 32'01	
					-1674 Jun 15 j 15:57	0° \mathbb{M}	
superior conj	-1675 Jul 08 j 23:33	0° \mathbb{M} 44'18	1°45'27				
minimum elong	-1675 Jul 08 j 22:15	0° \mathbb{M} 37'50	1°45'26				
	-1675 Jul 08 j 14:41	0° \mathbb{M}		superior conj	-1674 Jun 22 j 20:59	15° \mathbb{M} 02'37	1°35'55
max. Earth dist.	-1675 Jul 14 j 11:17	11° \mathbb{M} 25'35	1.36948 AU	minimum elong	-1674 Jun 22 j 18:43	14° \mathbb{M} 50'52	1°35'45
evening rise	-1675 Jul 18 j 08:43	18° \mathbb{M} 38'29		max. Earth dist.	-1674 Jun 26 j 21:55	23° \mathbb{M} 15'53	1.35314 AU
	-1675 Jul 24 j 20:59	0° \mathbb{M}			-1674 Jun 30 j 08:26	0° \mathbb{M}	
desc. node	-1675 Aug 04 j 06:29	16° \mathbb{M} 24'50		evening rise	-1674 Jul 01 j 07:01	1° \mathbb{M} 47'44	
	-1675 Aug 14 j 02:15	0° \mathbb{M}			-1674 Jul 17 j 20:38	0° \mathbb{M}	
evening max el	-1675 Aug 23 j 05:22	10° \mathbb{M} 25'52	25°39'54	desc. node	-1674 Jul 22 j 03:30	6° \mathbb{M} 16'49	
retrograde	-1675 Sep 04 j 10:52	17° \mathbb{M} 27'28		evening max el	-1674 Aug 05 j 16:57	23° \mathbb{M} 58'55	26°39'00
evening set	-1675 Sep 10 j 12:46	14° \mathbb{M} 52'47			-1674 Aug 13 j 18:01	0° \mathbb{M}	
min. Earth dist.	-1675 Sep 14 j 20:42	10° \mathbb{M} 05'35	0.66794 AU	retrograde	-1674 Aug 18 j 15:44	1° \mathbb{M} 14'38	
inferior conj	-1675 Sep 16 j 00:47	8° \mathbb{M} 35'36	-1°28'51		-1674 Aug 23 j 03:43	30° \mathbb{R} \mathbb{M}	
minimum elong	-1675 Sep 16 j 02:58	8° \mathbb{M} 28'37	1°27'57	evening set	-1674 Aug 25 j 06:59	28° \mathbb{M} 29'50	
asc. node	-1675 Sep 20 j 10:05	3° \mathbb{M} 38'09		min. Earth dist.	-1674 Aug 29 j 07:20	24° \mathbb{M} 20'08	0.65906 AU
morning rise	-1675 Sep 21 j 17:21	2° \mathbb{M} 39'16		inferior conj	-1674 Aug 30 j 23:32	22° \mathbb{M} 19'37	-2°22'19
direct	-1675 Sep 25 j 00:49	1° \mathbb{M} 35'53		minimum elong	-1674 Aug 31 j 02:56	22° \mathbb{M} 09'25	2°21'04
morning max el	-1675 Oct 02 j 04:10	5° \mathbb{M} 39'08	19°19'20	morning rise	-1674 Sep 05 j 23:18	16° \mathbb{M} 34'54	
	-1675 Oct 19 j 13:16	0° \mathbb{M}		asc. node	-1674 Sep 07 j 07:08	16° \mathbb{M} 00'37	
morning set	-1675 Oct 25 j 16:45	9° \mathbb{M} 33'23		direct	-1674 Sep 08 j 22:27	15° \mathbb{M} 45'29	
desc. node	-1675 Oct 31 j 05:55	18° \mathbb{M} 13'20		morning max el	-1674 Sep 15 j 14:59	19° \mathbb{M} 27'30	18°33'51

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1674 Sep 23 j 15:32	0° \mathbb{M}		direct	-1673 Aug 23 j 17:07	29° \mathbb{G} 47'41	
morning set	-1674 Oct 05 j 19:20	19° \mathbb{M} 17'48		asc. node	-1673 Aug 25 j 04:11	29° \mathbb{G} 58'56	
	-1674 Oct 12 j 11:44	0° \mathbb{L}			-1673 Aug 25 j 05:49	0° \mathbb{L}	
desc. node	-1674 Oct 18 j 02:55	8° \mathbb{L} 55'46		morning max el	-1673 Aug 30 j 05:24	3° \mathbb{L} 16'49	18°05'18
					-1673 Sep 16 j 20:14	0° \mathbb{M}	
superior conj	-1674 Oct 21 j 10:36	14° \mathbb{L} 09'53	-0°21'22	morning set	-1673 Sep 17 j 02:06	0° \mathbb{M} 24'38	
minimum elong	-1674 Oct 21 j 07:46	13° \mathbb{L} 58'44	0°21'00				
max. Earth dist.	-1674 Oct 22 j 06:22	15° \mathbb{L} 27'38	1.44952 AU	superior conj	-1673 Sep 30 j 18:11	22° \mathbb{M} 55'48	0°27'21
	-1674 Oct 31 j 12:08	0° \mathbb{M}		minimum elong	-1673 Sep 30 j 21:22	23° \mathbb{M} 08'36	0°26'56
evening rise	-1674 Nov 06 j 14:06	9° \mathbb{M} 36'57		desc. node	-1673 Oct 04 j 23:55	29° \mathbb{M} 41'35	
greatest brilliancy	-1674 Nov 15 j 10:30	23° \mathbb{M} 37'40	-0.8m	max. Earth dist.	-1673 Oct 05 j 00:51	29° \mathbb{M} 45'15	1.44575 AU
	-1674 Nov 19 j 13:19	0° \mathbb{J}			-1673 Oct 05 j 04:34	0° \mathbb{L}	
evening max el	-1674 Nov 28 j 22:51	12° \mathbb{J} 33'17	19°06'19	evening rise	-1673 Oct 17 j 05:55	18° \mathbb{L} 50'18	
asc. node	-1674 Dec 04 j 06:21	16° \mathbb{J} 16'44			-1673 Oct 24 j 12:06	0° \mathbb{M}	
retrograde	-1674 Dec 05 j 21:57	16° \mathbb{J} 31'55		greatest brilliancy	-1673 Oct 30 j 19:46	9° \mathbb{M} 33'00	-0.7m
evening set	-1674 Dec 09 j 04:15	15° \mathbb{J} 30'15		evening max el	-1673 Nov 12 j 04:39	26° \mathbb{M} 01'04	19°58'50
inferior conj	-1674 Dec 14 j 20:19	9° \mathbb{J} 41'30	3°05'42		-1673 Nov 17 j 12:18	0° \mathbb{J}	
minimum elong	-1674 Dec 14 j 17:22	9° \mathbb{J} 50'45	3°04'56	retrograde	-1673 Nov 19 j 19:10	0° \mathbb{J} 28'04	
min. Earth dist.	-1674 Dec 16 j 07:19	7° \mathbb{J} 51'18	0.65722 AU	asc. node	-1673 Nov 21 j 03:23	0° \mathbb{J} 17'43	
morning rise	-1674 Dec 20 j 06:13	3° \mathbb{J} 31'45			-1673 Nov 21 j 23:58	30° \mathbb{R} \mathbb{M}	
direct	-1674 Dec 26 j 17:23	0° \mathbb{J} 42'29		evening set	-1673 Nov 23 j 09:33	29° \mathbb{M} 12'28	
morning max el	-1673 Jan 08 j 12:45	8° \mathbb{J} 13'28	26°28'40	inferior conj	-1673 Nov 28 j 21:17	23° \mathbb{M} 10'29	2°26'32
desc. node	-1673 Jan 14 j 02:13	14° \mathbb{J} 24'05		minimum elong	-1673 Nov 28 j 18:31	23° \mathbb{M} 19'42	2°25'37
	-1673 Jan 25 j 14:21	0° \mathbb{Z}		min. Earth dist.	-1673 Nov 29 j 18:58	21° \mathbb{M} 58'23	0.66675 AU
	-1673 Feb 12 j 13:08	0° \mathbb{A}		morning rise	-1673 Dec 04 j 03:16	16° \mathbb{M} 57'32	
morning set	-1673 Feb 13 j 14:23	1° \mathbb{A} 58'19		direct	-1673 Dec 10 j 00:38	14° \mathbb{M} 21'39	
max. Earth dist.	-1673 Feb 17 j 18:22	10° \mathbb{A} 00'43	1.34949 AU	morning max el	-1673 Dec 21 j 21:31	21° \mathbb{M} 24'35	25°14'36
					-1673 Dec 29 j 09:12	0° \mathbb{J}	
superior conj	-1673 Feb 22 j 08:09	19° \mathbb{A} 14'21	-1°15'00	desc. node	-1673 Dec 31 j 23:14	3° \mathbb{J} 20'50	
minimum elong	-1673 Feb 22 j 11:23	19° \mathbb{A} 31'00	1°14'31		-1672 Jan 18 j 19:59	0° \mathbb{Z}	
	-1673 Feb 27 j 12:23	0° \mathbb{H}		morning set	-1672 Jan 27 j 03:25	14° \mathbb{Z} 18'14	
evening rise	-1673 Mar 01 j 23:40	5° \mathbb{H} 07'53		max. Earth dist.	-1672 Jan 30 j 20:34	21° \mathbb{Z} 07'08	1.36647 AU
asc. node	-1673 Mar 02 j 05:41	5° \mathbb{H} 38'52			-1672 Feb 04 j 11:56	0° \mathbb{A}	
	-1673 Mar 15 j 23:37	0° \mathbb{Y}					
evening max el	-1673 Mar 21 j 00:34	5° \mathbb{Y} 50'08	20°49'25	superior conj	-1672 Feb 05 j 22:30	2° \mathbb{A} 49'59	-1°36'25
retrograde	-1673 Apr 01 j 08:15	11° \mathbb{Y} 16'08		minimum elong	-1672 Feb 06 j 02:03	3° \mathbb{A} 07'32	1°36'02
evening set	-1673 Apr 03 j 14:33	11° \mathbb{Y} 03'58		evening rise	-1672 Feb 14 j 03:36	19° \mathbb{A} 22'40	
desc. node	-1673 Apr 12 j 01:19	7° \mathbb{Y} 32'30		asc. node	-1672 Feb 17 j 02:42	25° \mathbb{A} 16'17	
inferior conj	-1673 Apr 12 j 19:38	7° \mathbb{Y} 06'25	-0°12'58		-1672 Feb 19 j 14:02	0° \mathbb{H}	
minimum elong	-1673 Apr 12 j 19:01	7° \mathbb{Y} 07'17	0°12'45	evening max el	-1672 Mar 02 j 12:56	17° \mathbb{H} 28'23	19°39'27
transit middle	-1673 Apr 12 j 19:01	7° \mathbb{Y} 07'17	0°12'45	retrograde	-1672 Mar 12 j 03:36	22° \mathbb{H} 03'53	
transit begin	-1673 Apr 12 j 16:36	7° \mathbb{Y} 10'45		evening set	-1672 Mar 14 j 08:45	21° \mathbb{H} 50'21	
transit end	-1673 Apr 12 j 21:27	7° \mathbb{Y} 03'49		inferior conj	-1672 Mar 22 j 22:29	17° \mathbb{H} 46'36	1°37'56
min. Earth dist.	-1673 Apr 13 j 19:52	6° \mathbb{Y} 31'48	0.55139 AU	minimum elong	-1672 Mar 23 j 02:17	17° \mathbb{H} 40'34	1°36'43
morning rise	-1673 Apr 21 j 22:42	2° \mathbb{Y} 56'06		min. Earth dist.	-1672 Mar 25 j 10:06	16° \mathbb{H} 12'44	0.55977 AU
direct	-1673 Apr 25 j 06:33	2° \mathbb{Y} 32'05		desc. node	-1672 Mar 28 j 22:22	14° \mathbb{H} 15'01	
morning max el	-1673 May 08 j 09:32	8° \mathbb{Y} 52'52	22°50'31	morning rise	-1672 Mar 31 j 17:22	13° \mathbb{H} 07'20	
	-1673 May 23 j 13:05	0° \mathbb{B}		direct	-1672 Apr 05 j 01:17	12° \mathbb{H} 25'25	
asc. node	-1673 May 29 j 05:00	10° \mathbb{B} 58'40		morning max el	-1672 Apr 19 j 01:05	19° \mathbb{H} 27'22	24°30'44
morning set	-1673 May 30 j 21:19	14° \mathbb{B} 27'12			-1672 Apr 27 j 21:38	0° \mathbb{Y}	
				morning set	-1672 May 14 j 09:20	29° \mathbb{Y} 27'18	
superior conj	-1673 Jun 07 j 01:16	29° \mathbb{B} 42'07	1°21'05		-1672 May 14 j 15:33	0° \mathbb{B}	
minimum elong	-1673 Jun 06 j 22:41	29° \mathbb{B} 28'25	1°20'45	asc. node	-1672 May 15 j 02:02	0° \mathbb{B} 55'24	
	-1673 Jun 07 j 04:38	0° \mathbb{I}					
max. Earth dist.	-1673 Jun 09 j 18:27	5° \mathbb{I} 25'43	1.34042 AU	superior conj	-1672 May 21 j 09:57	14° \mathbb{B} 35'08	1°02'12
evening rise	-1673 Jun 14 j 19:12	15° \mathbb{I} 39'07		minimum elong	-1672 May 21 j 07:37	14° \mathbb{B} 22'29	1°01'48
	-1673 Jun 22 j 11:24	0° \mathbb{G}		max. Earth dist.	-1672 May 22 j 23:50	17° \mathbb{B} 59'39	1.33146 AU
desc. node	-1673 Jul 09 j 00:32	25° \mathbb{G} 36'44		evening rise	-1672 May 28 j 17:17	0° \mathbb{I} 00'35	
	-1673 Jul 12 j 11:23	0° \mathbb{L}			-1672 May 28 j 17:10	0° \mathbb{I}	
evening max el	-1673 Jul 19 j 04:38	7° \mathbb{L} 21'16	27°16'03		-1672 Jun 14 j 12:39	0° \mathbb{G}	
retrograde	-1673 Aug 01 j 14:59	14° \mathbb{L} 41'45		desc. node	-1672 Jun 24 j 21:34	14° \mathbb{G} 10'58	
evening set	-1673 Aug 08 j 16:08	11° \mathbb{L} 55'54		evening max el	-1672 Jun 30 j 14:23	20° \mathbb{G} 19'37	27°24'31
min. Earth dist.	-1673 Aug 12 j 09:57	8° \mathbb{L} 22'57	0.64649 AU	retrograde	-1672 Jul 14 j 08:04	27° \mathbb{G} 40'02	
inferior conj	-1673 Aug 14 j 15:25	5° \mathbb{L} 56'12	-3°12'06	evening set	-1672 Jul 21 j 12:48	25° \mathbb{G} 05'18	
minimum elong	-1673 Aug 14 j 19:38	5° \mathbb{L} 44'35	3°10'50	min. Earth dist.	-1672 Jul 25 j 02:45	22° \mathbb{G} 03'40	0.63030 AU
morning rise	-1673 Aug 20 j 23:48	0° \mathbb{L} 26'34		inferior conj	-1672 Jul 27 j 21:38	19° \mathbb{G} 19'02	-3°54'44
	-1673 Aug 22 j 04:30	30° \mathbb{R} \mathbb{G}		minimum elong	-1672 Jul 28 j 01:50	19° \mathbb{G} 08'39	3°53'49

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning rise	-1672 Aug 03 j 15:57	14°☿07'51		inferior conj	-1671 Jul 10 j 14:59	2°☿20'52	-4°24'49
direct	-1672 Aug 06 j 05:43	13°☿36'44		minimum elong	-1671 Jul 10 j 17:46	2°☿14'49	4°24'29
asc. node	-1672 Aug 11 j 01:14	15°☿26'48			-1671 Jul 13 j 11:04	30°♊II	
morning max el	-1672 Aug 12 j 20:44	17°☿01'23	17°54'31	morning rise	-1671 Jul 17 j 20:19	27°♊30'53	
	-1672 Aug 22 j 02:13	0°♊		direct	-1671 Jul 20 j 08:33	27°♊05'23	
morning set	-1672 Aug 29 j 08:38	12°♊39'10			-1671 Jul 26 j 19:07	0°☿	
	-1672 Sep 08 j 08:31	0°♊		morning max el	-1671 Jul 27 j 10:10	0°☿34'56	18°02'27
				asc. node	-1671 Jul 28 j 22:19	2°☿10'25	
superior conj	-1672 Sep 10 j 01:47	2°♊53'40	1°06'47	morning set	-1671 Aug 12 j 09:11	25°☿46'01	
minimum elong	-1672 Sep 10 j 07:08	3°♊16'04	1°06'11		-1671 Aug 14 j 16:10	0°♊	
max. Earth dist.	-1672 Sep 16 j 16:24	13°♊45'40	1.43517 AU				
desc. node	-1672 Sep 20 j 20:56	20°♊27'09		superior conj	-1671 Aug 22 j 12:53	14°♊13'34	1°32'36
evening rise	-1672 Sep 25 j 11:35	27°♊40'15		minimum elong	-1671 Aug 22 j 16:59	14°♊31'38	1°32'16
	-1672 Sep 26 j 23:44	0°♊		max. Earth dist.	-1671 Aug 30 j 02:19	27°♊11'07	1.41924 AU
	-1672 Oct 17 j 09:52	0°♊			-1671 Aug 31 j 19:08	0°♊	
evening max el	-1672 Oct 25 j 04:41	9°♊28'02	21°04'47	evening rise	-1671 Sep 05 j 01:57	6°♊56'26	
retrograde	-1672 Nov 02 j 16:27	14°♊30'16		desc. node	-1671 Sep 07 j 17:57	11°♊09'35	
evening set	-1672 Nov 06 j 17:00	12°♊58'35			-1671 Sep 20 j 05:38	0°♊	
asc. node	-1672 Nov 07 j 00:25	12°♊43'49		evening max el	-1671 Oct 07 j 22:48	22°♊55'08	22°20'31
inferior conj	-1672 Nov 12 j 02:04	6°♊46'40	1°40'52	retrograde	-1671 Oct 17 j 12:03	28°♊36'02	
minimum elong	-1672 Nov 11 j 23:56	6°♊54'00	1°40'03	evening set	-1671 Oct 22 j 00:46	26°♊46'34	
min. Earth dist.	-1672 Nov 12 j 12:00	6°♊12'37	0.67270 AU	asc. node	-1671 Oct 24 j 21:29	23°♊46'31	
morning rise	-1672 Nov 17 j 06:44	0°♊32'36		inferior conj	-1671 Oct 27 j 08:45	20°♊28'22	0°50'38
	-1672 Nov 17 j 22:34	30°♊		minimum elong	-1671 Oct 27 j 07:36	20°♊32'22	0°50'08
direct	-1672 Nov 22 j 12:48	28°♊16'25		min. Earth dist.	-1671 Oct 27 j 08:03	20°♊30'48	0.67538 AU
	-1672 Nov 27 j 16:06	0°♊		morning rise	-1671 Nov 01 j 14:19	14°♊15'33	
morning max el	-1672 Dec 03 j 06:16	4°♊40'07	23°49'21	direct	-1671 Nov 06 j 05:20	12°♊21'25	
desc. node	-1672 Dec 17 j 20:16	22°♊53'52		morning max el	-1671 Nov 15 j 17:39	18°♊00'03	22°22'25
	-1672 Dec 22 j 17:59	0°♊			-1671 Nov 25 j 15:15	0°♊	
morning set	-1671 Jan 07 j 17:30	25°♊26'35		desc. node	-1671 Dec 04 j 17:19	12°♊52'54	
	-1671 Jan 10 j 08:47	0°♊			-1671 Dec 15 j 21:39	0°♊	
max. Earth dist.	-1671 Jan 11 j 16:23	2°♊19'05	1.38659 AU	morning set	-1671 Dec 19 j 03:13	5°♊11'18	
				max. Earth dist.	-1671 Dec 24 j 13:16	14°♊09'24	1.40752 AU
superior conj	-1671 Jan 19 j 00:06	15°♊43'16	-1°52'13				
minimum elong	-1671 Jan 19 j 02:50	15°♊56'09	1°52'06	superior conj	-1670 Jan 01 j 08:07	27°♊42'11	-1°59'06
	-1671 Jan 26 j 09:29	0°♊		minimum elong	-1670 Jan 01 j 08:20	27°♊43'08	1°59'08
evening rise	-1671 Jan 28 j 00:25	3°♊10'24			-1670 Jan 02 j 14:44	0°♊	
asc. node	-1671 Feb 02 j 23:44	14°♊31'34		evening rise	-1670 Jan 11 j 11:04	16°♊23'48	
evening max el	-1671 Feb 13 j 11:23	29°♊42'21	18°48'54		-1670 Jan 18 j 21:38	0°♊	
	-1671 Feb 13 j 18:52	0°♊		asc. node	-1670 Jan 20 j 20:47	3°♊17'27	
retrograde	-1671 Feb 21 j 15:28	3°♊39'22		evening max el	-1670 Jan 27 j 17:33	12°♊25'46	18°18'28
evening set	-1671 Feb 24 j 00:23	3°♊20'43		retrograde	-1670 Feb 03 j 21:51	15°♊59'53	
	-1671 Mar 02 j 10:44	30°♊		evening set	-1670 Feb 06 j 11:07	15°♊33'55	
inferior conj	-1671 Mar 03 j 19:42	29°♊00'28	2°58'01	inferior conj	-1670 Feb 13 j 13:48	10°♊53'08	3°41'55
minimum elong	-1671 Mar 04 j 00:09	28°♊52'16	2°57'00	minimum elong	-1670 Feb 13 j 16:16	10°♊47'50	3°41'37
min. Earth dist.	-1671 Mar 07 j 02:27	26°♊37'04	0.57548 AU	min. Earth dist.	-1670 Feb 16 j 23:15	8°♊00'26	0.59534 AU
morning rise	-1671 Mar 11 j 21:07	23°♊49'41		morning rise	-1670 Feb 20 j 19:17	5°♊18'36	
desc. node	-1671 Mar 15 j 19:24	22°♊42'08		direct	-1670 Feb 27 j 06:11	3°♊26'01	
direct	-1671 Mar 17 j 09:12	22°♊36'02		desc. node	-1670 Mar 02 j 16:29	3°♊56'29	
morning max el	-1671 Mar 31 j 16:41	0°♊04'09	26°01'54	morning max el	-1670 Mar 13 j 12:57	11°♊07'54	27°09'03
	-1671 Mar 31 j 14:58	0°♊			-1670 Mar 28 j 05:31	0°♊	
	-1671 Apr 21 j 14:18	0°♊		morning set	-1670 Apr 13 j 06:25	29°♊17'44	
morning set	-1671 Apr 28 j 20:58	14°♊26'31			-1670 Apr 13 j 14:31	0°♊	
asc. node	-1671 May 01 j 23:06	21°♊02'09		asc. node	-1670 Apr 18 j 20:08	11°♊13'41	
superior conj	-1671 May 05 j 21:05	29°♊35'00	0°40'16	superior conj	-1670 Apr 20 j 08:51	14°♊34'39	0°16'06
minimum elong	-1671 May 05 j 19:24	29°♊25'49	0°39'56	minimum elong	-1670 Apr 20 j 08:08	14°♊30'43	0°15'57
	-1671 May 06 j 01:39	0°♊		max. Earth dist.	-1670 Apr 19 j 23:54	13°♊45'36	1.32430 AU
max. Earth dist.	-1671 May 06 j 10:52	0°♊50'25	1.32609 AU	evening rise	-1670 Apr 27 j 07:14	29°♊34'46	
evening rise	-1671 May 12 j 22:08	14°♊42'11			-1670 Apr 27 j 12:03	0°♊	
	-1671 May 20 j 17:46	0°♊			-1670 May 14 j 02:51	0°♊	
	-1671 Jun 10 j 03:56	0°☿		evening max el	-1670 May 25 j 18:41	14°♊20'44	26°04'39
desc. node	-1671 Jun 11 j 18:35	1°☿40'38		desc. node	-1670 May 29 j 15:39	17°♊38'01	
evening max el	-1671 Jun 12 j 19:40	2°☿41'58	27°00'34	retrograde	-1670 Jun 08 j 20:28	21°♊35'46	
retrograde	-1671 Jun 26 j 18:27	10°☿00'51		evening set	-1670 Jun 15 j 00:04	20°♊03'07	
evening set	-1671 Jul 03 j 16:54	7°☿51'21		min. Earth dist.	-1670 Jun 19 j 07:28	17°♊22'49	0.59053 AU
min. Earth dist.	-1671 Jul 07 j 09:26	5°☿08'59	0.61109 AU	inferior conj	-1670 Jun 22 j 15:47	14°♊51'33	-4°34'01

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1670 Jun 22 j 15:19	14° Π 52'26	4°34'00	desc. node	-1669 May 16 j 12:41	1° Π 28'05	
morning rise	-1670 Jun 30 j 09:00	10° Π 23'38		retrograde	-1669 May 21 j 11:21	2° Π 24'16	
direct	-1670 Jul 02 j 21:11	10° Π 02'16		evening set	-1669 May 26 j 08:47	1° Π 30'01	
morning max el	-1670 Jul 10 j 18:38	13° Π 47'59	18°30'09		-1669 May 29 j 14:56	30° \mathbb{R} 8	
asc. node	-1670 Jul 15 j 19:24	19° Π 53'35		min. Earth dist.	-1669 May 31 j 23:41	28° \mathbb{S} 35'29	0.57144 AU
	-1670 Jul 21 j 21:32	0° \mathfrak{D}		inferior conj	-1669 Jun 03 j 21:00	26° \mathbb{S} 42'13	-4°11'04
morning set	-1670 Jul 26 j 22:47	9° \mathfrak{D} 31'31		minimum elong	-1669 Jun 03 j 16:20	26° \mathbb{S} 49'54	4°10'22
				morning rise	-1669 Jun 12 j 02:46	22° \mathbb{S} 34'09	
superior conj	-1670 Aug 04 j 23:05	26° \mathfrak{D} 42'29	1°45'30	direct	-1669 Jun 14 j 15:58	22° \mathbb{S} 15'46	
minimum elong	-1670 Aug 05 j 00:49	26° \mathfrak{D} 50'29	1°45'28	morning max el	-1669 Jun 23 j 19:07	26° \mathbb{S} 30'49	19°18'33
	-1670 Aug 06 j 17:55	0° \mathcal{O}			-1669 Jun 27 j 00:03	0° Π	
max. Earth dist.	-1670 Aug 12 j 06:43	9° \mathcal{O} 52'44	1.40011 AU	asc. node	-1669 Jul 02 j 16:28	8° Π 22'44	
evening rise	-1670 Aug 16 j 14:49	17° \mathcal{O} 16'31		morning set	-1669 Jul 10 j 21:39	23° Π 46'01	
	-1670 Aug 24 j 11:58	0° \mathfrak{M}			-1669 Jul 14 j 00:32	0° \mathfrak{D}	
desc. node	-1670 Aug 25 j 14:58	1° \mathfrak{M} 44'47					
	-1670 Sep 14 j 18:45	0° \mathfrak{L}		superior conj	-1669 Jul 19 j 02:40	10° \mathfrak{D} 04'28	1°47'53
evening max el	-1670 Sep 20 j 12:28	6° \mathfrak{L} 24'32	23°40'53	minimum elong	-1669 Jul 19 j 02:17	10° \mathfrak{D} 02'33	1°47'56
retrograde	-1670 Oct 01 j 04:33	12° \mathfrak{L} 42'18		max. Earth dist.	-1669 Jul 25 j 09:20	21° \mathfrak{D} 57'41	1.38033 AU
evening set	-1670 Oct 06 j 07:09	10° \mathfrak{L} 34'16		evening rise	-1669 Jul 29 j 05:04	28° \mathfrak{D} 49'55	
min. Earth dist.	-1670 Oct 11 j 04:36	4° \mathfrak{L} 50'58	0.67497 AU		-1669 Jul 29 j 21:03	0° \mathcal{O}	
inferior conj	-1670 Oct 11 j 15:31	4° \mathfrak{L} 13'39	-0°02'37	desc. node	-1669 Aug 12 j 11:59	22° \mathcal{O} 08'14	
minimum elong	-1670 Oct 11 j 15:35	4° \mathfrak{L} 13'26	0°02'36		-1669 Aug 17 j 20:54	0° \mathfrak{M}	
transit middle	-1670 Oct 11 j 15:35	4° \mathfrak{L} 13'26	0°02'36	evening max el	-1669 Sep 03 j 00:00	19° \mathfrak{M} 57'41	24°59'01
transit begin	-1670 Oct 11 j 12:54	4° \mathfrak{L} 22'35		retrograde	-1669 Sep 14 j 16:53	26° \mathfrak{M} 45'24	
transit end	-1670 Oct 11 j 18:16	4° \mathfrak{L} 04'18		evening set	-1669 Sep 20 j 10:22	24° \mathfrak{M} 19'39	
asc. node	-1670 Oct 11 j 18:33	4° \mathfrak{L} 03'17		min. Earth dist.	-1669 Sep 24 j 23:07	19° \mathfrak{M} 11'19	0.67149 AU
	-1670 Oct 14 j 23:09	30° \mathbb{R} 11		inferior conj	-1669 Sep 25 j 20:38	18° \mathfrak{M} 00'22	-0°57'19
morning rise	-1670 Oct 16 j 23:57	28° \mathfrak{M} 04'49		minimum elong	-1669 Sep 25 j 22:02	17° \mathfrak{M} 55'45	0°56'44
direct	-1670 Oct 21 j 01:14	26° \mathfrak{M} 32'16		asc. node	-1669 Sep 28 j 15:38	14° \mathfrak{M} 30'59	
	-1670 Oct 27 j 22:18	0° \mathfrak{L}		morning rise	-1669 Oct 01 j 09:44	11° \mathfrak{M} 58'34	
morning max el	-1670 Oct 29 j 10:50	1° \mathfrak{L} 27'31	21°01'44	direct	-1669 Oct 04 j 23:10	10° \mathfrak{M} 45'20	
	-1670 Nov 19 j 11:58	0° \mathfrak{M}		morning max el	-1669 Oct 12 j 11:30	15° \mathfrak{M} 04'31	19°52'35
desc. node	-1670 Nov 21 j 14:21	3° \mathfrak{M} 10'29			-1669 Oct 23 j 21:43	0° \mathfrak{L}	
morning set	-1670 Nov 28 j 10:15	13° \mathfrak{M} 42'17		morning set	-1669 Nov 07 j 07:21	21° \mathfrak{L} 52'16	
max. Earth dist.	-1670 Dec 06 j 16:51	26° \mathfrak{M} 54'38	1.42638 AU	desc. node	-1669 Nov 08 j 11:21	23° \mathfrak{L} 40'45	
	-1670 Dec 08 j 14:07	0° \mathfrak{X}			-1669 Nov 12 j 12:45	0° \mathfrak{M}	
				max. Earth dist.	-1669 Nov 19 j 04:16	10° \mathfrak{M} 29'15	1.44062 AU
superior conj	-1670 Dec 13 j 17:01	8° \mathfrak{X} 33'42	-1°52'53				
minimum elong	-1670 Dec 13 j 13:03	8° \mathfrak{X} 16'55	1°52'43	superior conj	-1669 Nov 23 j 22:43	18° \mathfrak{M} 08'54	-1°29'40
evening rise	-1670 Dec 25 j 07:44	28° \mathfrak{X} 54'47		minimum elong	-1669 Nov 23 j 15:11	17° \mathfrak{M} 38'23	1°28'59
	-1670 Dec 25 j 22:17	0° \mathfrak{Z}			-1669 Dec 01 j 03:41	0° \mathfrak{X}	
asc. node	-1669 Jan 07 j 17:51	21° \mathfrak{Z} 24'45		evening rise	-1669 Dec 07 j 09:58	10° \mathfrak{X} 34'12	
evening max el	-1669 Jan 11 j 04:27	25° \mathfrak{Z} 30'09	18°07'52		-1669 Dec 19 j 01:32	0° \mathfrak{Z}	
retrograde	-1669 Jan 17 j 19:54	28° \mathfrak{Z} 56'10		evening max el	-1669 Dec 25 j 17:00	8° \mathfrak{Z} 46'28	18°16'23
evening set	-1669 Jan 20 j 13:08	28° \mathfrak{Z} 21'38		asc. node	-1669 Dec 25 j 14:54	8° \mathfrak{Z} 41'07	
inferior conj	-1669 Jan 27 j 02:25	23° \mathfrak{Z} 19'32	3°55'49	retrograde	-1668 Jan 01 j 05:13	12° \mathfrak{Z} 17'11	
minimum elong	-1669 Jan 27 j 02:26	23° \mathfrak{Z} 19'30	3°55'47	evening set	-1668 Jan 04 j 02:36	11° \mathfrak{Z} 33'09	
min. Earth dist.	-1669 Jan 30 j 03:02	20° \mathfrak{Z} 22'27	0.61592 AU	inferior conj	-1668 Jan 10 j 05:36	6° \mathfrak{Z} 10'49	3°47'47
morning rise	-1669 Feb 02 j 14:27	17° \mathfrak{Z} 29'41		minimum elong	-1668 Jan 10 j 03:47	6° \mathfrak{Z} 15'48	3°47'34
direct	-1669 Feb 09 j 13:29	15° \mathfrak{Z} 03'26		min. Earth dist.	-1668 Jan 12 j 16:00	3° \mathfrak{Z} 30'24	0.63461 AU
desc. node	-1669 Feb 17 j 13:32	17° \mathfrak{Z} 49'48		morning rise	-1668 Jan 16 j 04:20	0° \mathfrak{Z} 10'51	
morning max el	-1669 Feb 23 j 15:21	22° \mathfrak{Z} 51'10	27°42'24		-1668 Jan 16 j 09:54	30° \mathbb{R} 8	
	-1669 Mar 02 j 00:19	0° \approx		direct	-1668 Jan 23 j 04:37	27° \mathfrak{X} 24'19	
	-1669 Mar 21 j 08:20	0° \mathfrak{H}			-1668 Jan 30 j 16:05	0° \mathfrak{Z}	
morning set	-1669 Mar 28 j 11:46	13° \mathfrak{H} 54'12		desc. node	-1668 Feb 04 j 10:35	3° \mathfrak{Z} 46'10	
max. Earth dist.	-1669 Apr 03 j 11:15	26° \mathfrak{H} 32'25	1.32617 AU	morning max el	-1668 Feb 05 j 22:34	5° \mathfrak{Z} 12'16	27°39'12
					-1668 Feb 24 j 17:48	0° \approx	
superior conj	-1669 Apr 04 j 19:37	29° \mathfrak{H} 28'16	-0°09'30	morning set	-1668 Mar 11 j 10:36	28° \approx 07'04	
minimum elong	-1669 Apr 04 j 20:03	29° \mathfrak{H} 30'39	0°09'23		-1668 Mar 12 j 09:06	0° \mathfrak{H}	
behind sun begin	-1669 Apr 04 j 15:55	29° \mathfrak{H} 08'08		max. Earth dist.	-1668 Mar 16 j 16:58	8° \mathfrak{H} 56'57	1.33185 AU
behind sun end	-1669 Apr 05 j 00:11	29° \mathfrak{H} 53'10					
	-1669 Apr 05 j 01:27	0° \mathfrak{Y}		superior conj	-1668 Mar 19 j 03:34	14° \mathfrak{H} 08'55	-0°35'36
asc. node	-1669 Apr 05 j 17:12	1° \mathfrak{Y} 25'55		minimum elong	-1668 Mar 19 j 05:14	14° \mathfrak{H} 17'48	0°35'15
evening rise	-1669 Apr 11 j 18:35	14° \mathfrak{Y} 31'13		asc. node	-1668 Mar 22 j 14:15	21° \mathfrak{H} 34'06	
	-1669 Apr 19 j 13:51	0° \mathbb{S}		evening rise	-1668 Mar 26 j 06:17	29° \mathfrak{H} 24'07	
evening max el	-1669 May 07 j 11:53	25° \mathbb{S} 19'55	24°43'18		-1668 Mar 26 j 13:06	0° \mathfrak{Y}	
	-1669 May 13 j 11:43	0° Π			-1668 Apr 12 j 19:47	0° \mathbb{S}	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening max el	-1668 Apr 18 j 03:09	5° ♁ 58'10	23°09'18	retrograde	-1667 Apr 12 j 05:18	22° ♁ 41'27	
retrograde	-1668 May 01 j 13:25	12° ♁ 37'54		evening set	-1667 Apr 14 j 17:44	22° ♁ 27'06	
desc. node	-1668 May 02 j 09:43	12° ♁ 36'18		desc. node	-1667 Apr 19 j 06:45	20° ♁ 57'17	
evening set	-1668 May 05 j 01:34	12° ♁ 11'00		inferior conj	-1667 Apr 24 j 03:00	18° ♁ 24'49	-1°21'34
min. Earth dist.	-1668 May 12 j 13:06	8° ♁ 50'02	0.55714 AU	minimum elong	-1667 Apr 23 j 23:13	18° ♁ 30'08	1°20'15
inferior conj	-1668 May 14 j 06:34	7° ♁ 49'29	-3°05'54	min. Earth dist.	-1667 Apr 24 j 02:19	18° ♁ 25'46	0.55072 AU
minimum elong	-1668 May 13 j 23:51	7° ♁ 59'20	3°04'05	morning rise	-1667 May 03 j 05:27	14° ♁ 25'27	
morning rise	-1668 May 23 j 00:41	3° ♁ 53'45		direct	-1667 May 06 j 04:02	14° ♁ 06'28	
direct	-1668 May 25 j 16:11	3° ♁ 36'53		morning max el	-1667 May 18 j 12:45	19° ♁ 57'25	21°54'46
morning max el	-1668 Jun 05 j 09:22	8° ♁ 35'07	20°27'36		-1667 May 26 j 19:12	0° ♁	
asc. node	-1668 Jun 18 j 13:31	27° ♁ 26'52		asc. node	-1667 Jun 05 j 10:34	16° ♁ 56'55	
	-1668 Jun 19 j 21:55	0° ♁		morning set	-1667 Jun 08 j 12:10	23° ♁ 11'38	
morning set	-1668 Jun 24 j 02:52	8° ♁ 21'45			-1667 Jun 11 j 17:57	0° ♁	
superior conj	-1668 Jul 01 j 18:44	24° ♁ 05'38	1°42'09	superior conj	-1667 Jun 15 j 19:24	8° ♁ 34'06	1°30'12
minimum elong	-1668 Jul 01 j 16:56	23° ♁ 56'31	1°42'04	minimum elong	-1667 Jun 15 j 16:56	8° ♁ 21'08	1°29'57
	-1668 Jul 04 j 17:27	0° ♁		max. Earth dist.	-1667 Jun 19 j 06:31	15° ♁ 43'52	1.34721 AU
max. Earth dist.	-1668 Jul 06 j 15:46	3° ♁ 46'50	1.36216 AU	evening rise	-1667 Jun 23 j 21:49	24° ♁ 56'18	
evening rise	-1668 Jul 10 j 17:07	11° ♁ 27'54			-1667 Jun 26 j 13:51	0° ♁	
	-1668 Jul 21 j 09:56	0° ♁			-1667 Jul 14 j 21:24	0° ♁	
desc. node	-1668 Jul 29 j 09:00	12° ♁ 14'08		desc. node	-1667 Jul 16 j 06:02	1° ♁ 53'58	
	-1668 Aug 12 j 01:45	0° ♁		evening max el	-1667 Jul 28 j 22:50	17° ♁ 01'43	26°57'48
evening max el	-1668 Aug 15 j 11:18	3° ♁ 32'38	26°07'15	retrograde	-1667 Aug 11 j 03:04	24° ♁ 20'43	
retrograde	-1668 Aug 28 j 00:31	10° ♁ 40'48		evening set	-1667 Aug 17 j 23:14	21° ♁ 33'46	
evening set	-1668 Sep 03 j 08:31	8° ♁ 00'53		min. Earth dist.	-1667 Aug 21 j 20:29	17° ♁ 40'22	0.65419 AU
min. Earth dist.	-1668 Sep 07 j 13:10	3° ♁ 29'45	0.66465 AU	inferior conj	-1667 Aug 23 j 18:21	15° ♁ 27'40	-2°44'05
inferior conj	-1668 Sep 08 j 22:16	1° ♁ 46'30	-1°51'48	minimum elong	-1667 Aug 23 j 22:11	15° ♁ 16'36	2°42'46
minimum elong	-1668 Sep 09 j 01:00	1° ♁ 38'00	1°50'44	morning rise	-1667 Aug 29 j 21:39	9° ♁ 49'18	
	-1668 Sep 10 j 09:01	30° ♁		asc. node	-1667 Sep 01 j 09:43	9° ♁ 05'30	
morning rise	-1668 Sep 14 j 17:43	25° ♁ 54'52		direct	-1667 Sep 01 j 18:01	9° ♁ 04'50	
asc. node	-1668 Sep 14 j 12:40	26° ♁ 02'40		morning max el	-1667 Sep 08 j 07:58	12° ♁ 40'17	18°19'38
direct	-1668 Sep 17 j 21:27	24° ♁ 57'46			-1667 Sep 20 j 13:20	0° ♁	
morning max el	-1668 Sep 24 j 19:13	28° ♁ 50'27	18°58'02	morning set	-1667 Sep 27 j 09:36	11° ♁ 11'39	
	-1668 Sep 25 j 21:19	0° ♁			-1667 Oct 09 j 00:42	0° ♁	
	-1668 Oct 16 j 05:47	0° ♁					
morning set	-1668 Oct 16 j 18:53	0° ♁ 51'37		superior conj	-1667 Oct 12 j 05:54	5° ♁ 06'23	-0°00'08
desc. node	-1668 Oct 25 j 08:23	14° ♁ 20'05		minimum elong	-1667 Oct 12 j 05:53	5° ♁ 06'18	0°00'08
max. Earth dist.	-1668 Oct 31 j 21:09	24° ♁ 36'26	1.44837 AU	behind sun begin	-1667 Oct 11 j 18:49	4° ♁ 22'33	
				behind sun end	-1667 Oct 12 j 16:56	5° ♁ 50'01	
superior conj	-1668 Nov 02 j 05:16	26° ♁ 43'00	-0°49'27	desc. node	-1667 Oct 12 j 05:24	5° ♁ 04'24	
minimum elong	-1668 Nov 01 j 23:06	26° ♁ 18'43	0°48'42	max. Earth dist.	-1667 Oct 14 j 15:37	8° ♁ 54'10	1.44879 AU
	-1668 Nov 04 j 07:09	0° ♁			-1667 Oct 28 j 02:41	0° ♁	
evening rise	-1668 Nov 17 j 13:43	21° ♁ 15'49		evening rise	-1667 Oct 28 j 17:20	0° ♁ 57'21	
	-1668 Nov 22 j 22:45	0° ♁		greatest brilliancy	-1667 Nov 08 j 21:12	18° ♁ 18'51	-0.7m
evening max el	-1668 Dec 08 j 04:36	22° ♁ 09'39	18°43'05		-1667 Nov 16 j 21:30	0° ♁	
asc. node	-1668 Dec 11 j 11:55	24° ♁ 52'59		evening max el	-1667 Nov 21 j 12:59	5° ♁ 35'57	19°26'48
retrograde	-1668 Dec 14 j 21:43	25° ♁ 55'41		asc. node	-1667 Nov 28 j 08:56	9° ♁ 45'22	
evening set	-1668 Dec 18 j 00:16	25° ♁ 00'56		retrograde	-1667 Nov 28 j 18:03	9° ♁ 46'11	
inferior conj	-1668 Dec 23 j 19:39	19° ♁ 20'47	3°24'21	evening set	-1667 Dec 02 j 03:26	8° ♁ 38'57	
minimum elong	-1668 Dec 23 j 16:55	19° ♁ 29'06	3°23'46	inferior conj	-1667 Dec 07 j 17:25	2° ♁ 44'00	2°50'01
min. Earth dist.	-1668 Dec 25 j 14:53	17° ♁ 10'16	0.65003 AU	minimum elong	-1667 Dec 07 j 14:29	2° ♁ 53'30	2°49'09
morning rise	-1668 Dec 29 j 09:12	13° ♁ 13'44		min. Earth dist.	-1667 Dec 08 j 22:34	1° ♁ 09'46	0.66169 AU
direct	-1667 Jan 05 j 02:35	10° ♁ 21'51			-1667 Dec 09 j 20:40	30° ♁	
morning max el	-1667 Jan 18 j 08:11	18° ♁ 02'32	27°02'23	morning rise	-1667 Dec 13 j 01:17	26° ♁ 32'22	
desc. node	-1667 Jan 21 j 07:38	21° ♁ 11'55		direct	-1667 Dec 19 j 06:46	23° ♁ 47'46	
	-1667 Jan 28 j 10:45	0° ♁			-1667 Dec 30 j 13:18	0° ♁	
	-1667 Feb 16 j 15:24	0° ♁		morning max el	-1667 Dec 31 j 17:40	1° ♁ 09'16	25°59'11
morning set	-1667 Feb 22 j 23:48	11° ♁ 46'32		desc. node	-1666 Jan 08 j 04:41	9° ♁ 41'04	
max. Earth dist.	-1667 Feb 27 j 13:16	20° ♁ 48'39	1.34175 AU		-1666 Jan 22 j 11:39	0° ♁	
				morning set	-1666 Feb 05 j 23:14	24° ♁ 40'18	
superior conj	-1667 Mar 03 j 06:43	28° ♁ 30'12	-1°01'08		-1666 Feb 08 j 19:18	0° ♁	
minimum elong	-1667 Mar 03 j 09:28	28° ♁ 44'38	1°00'39	max. Earth dist.	-1666 Feb 09 j 21:35	2° ♁ 06'10	1.35615 AU
	-1667 Mar 03 j 23:50	0° ♁					
asc. node	-1667 Mar 09 j 11:16	11° ♁ 34'05		superior conj	-1666 Feb 15 j 02:38	12° ♁ 25'03	-1°24'36
evening rise	-1667 Mar 10 j 16:30	14° ♁ 07'04		minimum elong	-1666 Feb 15 j 06:06	12° ♁ 42'38	1°24'09
	-1667 Mar 18 j 20:03	0° ♁		evening rise	-1666 Feb 22 j 23:21	28° ♁ 34'01	
evening max el	-1667 Mar 30 j 23:13	16° ♁ 44'29	21°37'08		-1666 Feb 23 j 16:14	0° ♁	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

asc. node	-1666 Feb 24 j 08:17	1° H 21'21		evening rise	-1665 Feb 07 j 00:35	12° \approx 37'51	
evening max el	-1666 Mar 13 j 05:17	28° H 01'55	20°17'29	asc. node	-1665 Feb 11 j 05:19	20° \approx 50'00	
	-1666 Mar 15 j 12:33	0° Y			-1665 Feb 16 j 08:52	0° H	
retrograde	-1666 Mar 23 j 19:46	3° Y 05'59		evening max el	-1665 Feb 23 j 22:17	9° H 56'19	19°15'36
evening set	-1666 Mar 26 j 00:09	2° Y 54'00		retrograde	-1665 Mar 04 j 20:58	14° H 13'11	
	-1666 Apr 02 j 03:24	30° R H		evening set	-1665 Mar 07 j 03:31	13° H 57'51	
inferior conj	-1666 Apr 03 j 23:34	28° H 55'39	0°36'39	inferior conj	-1665 Mar 15 j 09:27	9° H 48'23	2°16'22
minimum elong	-1666 Apr 04 j 01:12	28° H 53'13	0°36'05	minimum elong	-1665 Mar 15 j 14:00	9° H 40'44	2°15'04
min. Earth dist.	-1666 Apr 05 j 16:29	27° H 55'09	0.55378 AU	min. Earth dist.	-1665 Mar 18 j 07:39	7° H 51'18	0.56569 AU
desc. node	-1666 Apr 06 j 03:48	27° H 38'42		morning rise	-1665 Mar 23 j 21:38	4° H 55'08	
morning rise	-1666 Apr 13 j 00:33	24° H 33'50		desc. node	-1665 Mar 24 j 00:52	4° H 52'14	
direct	-1666 Apr 16 j 17:14	24° H 04'00		direct	-1665 Mar 28 j 17:51	4° H 00'56	
	-1666 Apr 29 j 11:55	0° Y		morning max el	-1665 Apr 11 j 22:06	11° H 16'20	25°11'30
morning max el	-1666 Apr 30 j 07:24	0° Y 44'54	23°33'19		-1665 Apr 26 j 05:03	0° Y	
	-1666 May 19 j 23:34	0° B		morning set	-1665 May 08 j 11:46	23° Y 10'11	
asc. node	-1666 May 23 j 07:37	6° B 46'02		asc. node	-1665 May 10 j 04:41	26° Y 47'27	
morning set	-1666 May 23 j 23:42	8° B 10'04			-1665 May 11 j 16:26	0° B	
superior conj	-1666 May 31 j 01:53	23° B 21'03	1°13'31	superior conj	-1665 May 15 j 11:51	8° B 17'42	0°53'14
minimum elong	-1666 May 30 j 23:21	23° B 07'28	1°13'09	minimum elong	-1665 May 15 j 09:45	8° B 06'16	0°52'51
max. Earth dist.	-1666 Jun 02 j 06:53	28° B 03'38	1.33610 AU	max. Earth dist.	-1665 May 16 j 14:59	10° B 45'15	1.32874 AU
	-1666 Jun 03 j 04:58	0° II		evening rise	-1665 May 22 j 16:00	23° B 33'44	
evening rise	-1666 Jun 07 j 14:41	9° II 02'27			-1665 May 25 j 21:00	0° II	
	-1666 Jun 18 j 23:54	0° D			-1665 Jun 12 j 18:24	0° D	
desc. node	-1666 Jul 03 j 03:02	20° D 56'45		desc. node	-1665 Jun 20 j 00:04	9° D 06'23	
	-1666 Jul 11 j 03:30	0° O		evening max el	-1665 Jun 23 j 18:11	13° D 00'20	27°18'27
evening max el	-1666 Jul 11 j 09:50	0° O 15'15	27°23'22	retrograde	-1665 Jul 07 j 14:33	20° D 20'05	
retrograde	-1666 Jul 25 j 00:03	7° O 36'59		evening set	-1665 Jul 14 j 17:46	17° D 54'45	
evening set	-1666 Aug 01 j 03:35	4° O 54'02		min. Earth dist.	-1665 Jul 18 j 07:52	15° D 02'47	0.62242 AU
min. Earth dist.	-1666 Aug 04 j 19:10	1° O 35'24	0.64004 AU	inferior conj	-1665 Jul 21 j 07:43	12° D 14'42	-4°09'28
	-1666 Aug 06 j 07:38	30° R D		minimum elong	-1665 Jul 21 j 11:31	12° D 05'46	4°08'48
inferior conj	-1666 Aug 07 j 06:30	28° D 59'23	-3°31'21	morning rise	-1665 Jul 28 j 06:35	7° D 11'57	
minimum elong	-1666 Aug 07 j 10:51	28° D 47'55	3°30'11	direct	-1665 Jul 30 j 19:24	6° D 43'28	
morning rise	-1666 Aug 13 j 19:00	23° D 37'18		asc. node	-1665 Aug 06 j 03:53	9° D 45'14	
direct	-1666 Aug 16 j 10:24	23° D 02'12		morning max el	-1665 Aug 06 j 13:59	10° D 09'19	17°55'27
asc. node	-1666 Aug 19 j 06:47	23° D 43'18			-1665 Aug 19 j 17:01	0° O	
morning max el	-1666 Aug 22 j 23:08	26° D 28'39	17°58'24	morning set	-1665 Aug 22 j 18:05	5° O 28'03	
	-1666 Aug 25 j 23:47	0° O		superior conj	-1665 Sep 02 j 17:58	24° O 52'58	1°19'25
morning set	-1666 Sep 09 j 03:08	22° O 48'57		minimum elong	-1665 Sep 02 j 23:04	25° O 14'46	1°18'55
	-1666 Sep 13 j 08:01	0° M			-1665 Sep 05 j 18:26	0° M	
superior conj	-1666 Sep 21 j 22:27	14° M 19'37	0°45'39	max. Earth dist.	-1665 Sep 09 j 21:51	6° M 51'27	1.42899 AU
minimum elong	-1666 Sep 22 j 03:06	14° M 38'36	0°45'03	desc. node	-1665 Sep 15 j 23:26	16° M 35'26	
max. Earth dist.	-1666 Sep 27 j 08:31	23° M 04'04	1.44202 AU	evening rise	-1665 Sep 17 j 09:50	18° M 50'32	
desc. node	-1666 Sep 29 j 02:24	25° M 50'31			-1665 Sep 24 j 16:03	0° L	
	-1666 Oct 01 j 17:42	0° L			-1665 Oct 16 j 06:20	0° M	
evening rise	-1666 Oct 08 j 02:40	9° L 54'49		evening max el	-1665 Oct 18 j 14:00	2° M 31'10	21°36'10
	-1666 Oct 21 j 08:44	0° M		retrograde	-1665 Oct 27 j 12:10	7° M 49'12	
evening max el	-1666 Nov 04 j 16:24	19° M 03'19	20°25'30	evening set	-1665 Oct 31 j 17:40	6° M 10'15	
retrograde	-1666 Nov 12 j 15:31	23° M 44'54		asc. node	-1665 Nov 02 j 03:02	4° M 54'12	
asc. node	-1666 Nov 15 j 05:58	23° M 05'59		inferior conj	-1665 Nov 06 j 02:08	29° L 55'30	1°20'03
evening set	-1666 Nov 16 j 09:52	22° M 22'55		minimum elong	-1665 Nov 06 j 00:22	0° M 01'33	1°19'19
inferior conj	-1666 Nov 21 j 20:18	16° M 16'25	2°07'51		-1665 Nov 06 j 00:49	30° R L	
minimum elong	-1666 Nov 21 j 17:45	16° M 25'03	2°06'55	min. Earth dist.	-1665 Nov 06 j 07:30	29° L 36'59	0.67426 AU
min. Earth dist.	-1666 Nov 22 j 12:54	15° M 20'19	0.66969 AU	morning rise	-1665 Nov 11 j 06:55	23° L 41'45	
morning rise	-1666 Nov 27 j 01:24	10° M 02'31		direct	-1665 Nov 16 j 06:38	21° L 34'37	
direct	-1666 Dec 02 j 16:21	7° M 34'13		morning max el	-1665 Nov 26 j 11:21	27° L 38'56	23°12'00
morning max el	-1666 Dec 14 j 02:04	14° M 22'09	24°39'00		-1665 Nov 28 j 16:21	0° M	
desc. node	-1666 Dec 26 j 01:43	28° M 54'49		desc. node	-1665 Dec 12 j 22:46	18° M 40'24	
	-1666 Dec 26 j 20:44	0° J			-1665 Dec 20 j 13:27	0° J	
	-1665 Jan 15 j 08:31	0° Z		morning set	-1665 Dec 31 j 05:43	17° J 05'25	
morning set	-1665 Jan 19 j 03:16	6° Z 31'52		max. Earth dist.	-1664 Jan 04 j 15:07	24° J 33'39	1.39561 AU
max. Earth dist.	-1665 Jan 22 j 19:43	13° Z 08'18	1.37469 AU		-1664 Jan 07 j 17:26	0° Z	
superior conj	-1665 Jan 29 j 12:05	25° Z 44'04	-1°43'59	superior conj	-1664 Jan 12 j 06:55	8° Z 16'30	-1°56'29
minimum elong	-1665 Jan 29 j 15:27	26° Z 00'26	1°43'44	minimum elong	-1664 Jan 12 j 08:48	8° Z 25'14	1°56'27
	-1665 Jan 31 j 16:24	0° \approx		evening rise	-1664 Jan 21 j 17:31	26° Z 12'11	

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	-1664 Jan 23 j 17:06	0°♊		asc. node	-1663 Jan 14 j 23:24	28°♊24'27	
asc. node	-1664 Jan 29 j 02:22	9°♊53'52			-1663 Jan 16 j 01:16	0°♊	
evening max el	-1664 Feb 07 j 00:27	22°♊24'11	18°33'28	evening max el	-1663 Jan 20 j 08:54	5°♊16'58	18°11'29
retrograde	-1664 Feb 14 j 16:43	26°♊09'10		retrograde	-1663 Jan 27 j 06:28	8°♊46'10	
evening set	-1664 Feb 17 j 03:44	25°♊47'25		evening set	-1663 Jan 29 j 21:27	8°♊16'37	
inferior conj	-1664 Feb 24 j 15:35	21°♊18'33	3°20'50	inferior conj	-1663 Feb 05 j 17:58	3°♊26'20	3°51'00
minimum elong	-1664 Feb 24 j 19:23	21°♊11'05	3°20'07	minimum elong	-1663 Feb 05 j 19:22	3°♊23'09	3°50'52
min. Earth dist.	-1664 Feb 28 j 01:15	18°♊39'59	0.58371 AU	min. Earth dist.	-1663 Feb 09 j 00:29	0°♊29'05	0.60421 AU
morning rise	-1664 Mar 03 j 08:31	15°♊56'54			-1663 Feb 09 j 14:10	30°♋♊	
direct	-1664 Mar 09 j 07:37	14°♊26'52		morning rise	-1663 Feb 12 j 15:34	27°♊44'22	
desc. node	-1664 Mar 09 j 21:56	14°♊27'46		direct	-1663 Feb 19 j 08:52	25°♊36'35	
morning max el	-1664 Mar 23 j 15:03	22°♊01'06	26°34'07	desc. node	-1663 Feb 24 j 18:59	26°♊52'57	
	-1664 Mar 30 j 15:36	0°♋			-1663 Mar 01 j 18:58	0°♊	
	-1664 Apr 17 j 23:06	0°♋		morning max el	-1663 Mar 05 j 14:03	3°♊21'12	27°27'49
morning set	-1664 Apr 21 j 22:40	8°♋06'20			-1663 Mar 25 j 03:31	0°♋	
asc. node	-1664 Apr 26 j 01:44	16°♋56'25		morning set	-1663 Apr 06 j 06:39	22°♋52'21	
					-1663 Apr 09 j 15:45	0°♋	
superior conj	-1664 Apr 28 j 23:27	23°♋17'42	0°30'14	max. Earth dist.	-1663 Apr 12 j 16:24	6°♋33'52	1.32465 AU
minimum elong	-1664 Apr 28 j 22:08	23°♋10'34	0°29'59	asc. node	-1663 Apr 12 j 22:47	7°♋08'45	
max. Earth dist.	-1664 Apr 29 j 03:27	23°♋39'39	1.32496 AU				
	-1664 May 02 j 01:04	0°♌		superior conj	-1663 Apr 13 j 10:58	8°♋15'23	0°05'22
evening rise	-1664 May 05 j 22:57	8°♌20'47		minimum elong	-1663 Apr 13 j 10:44	8°♋14'03	0°05'20
	-1664 May 17 j 07:38	0°♌		behind sun begin	-1663 Apr 13 j 05:58	7°♋48'00	
evening max el	-1664 Jun 04 j 21:08	25°♌04'50	26°40'28	behind sun end	-1663 Apr 13 j 15:29	8°♋40'08	
desc. node	-1664 Jun 05 j 21:07	26°♌00'28		evening rise	-1663 Apr 20 j 09:15	23°♋15'53	
	-1664 Jun 11 j 04:45	0°♍			-1663 Apr 23 j 15:39	0°♌	
retrograde	-1664 Jun 18 j 21:12	2°♍21'30			-1663 May 11 j 22:03	0°♌	
evening set	-1664 Jun 25 j 13:21	0°♍26'53		evening max el	-1663 May 17 j 17:18	6°♌25'03	25°32'27
	-1664 Jun 26 j 07:38	30°♌♌		desc. node	-1663 May 23 j 18:09	11°♌08'42	
min. Earth dist.	-1664 Jun 29 j 10:31	27°♌47'37	0.60238 AU	retrograde	-1663 May 31 j 18:40	13°♌36'54	
inferior conj	-1664 Jul 02 j 18:27	25°♌04'22	-4°31'55	evening set	-1663 Jun 06 j 10:50	12°♌20'52	
minimum elong	-1664 Jul 02 j 20:04	25°♌01'03	4°31'48	min. Earth dist.	-1663 Jun 11 j 05:21	9°♌36'36	0.58201 AU
morning rise	-1664 Jul 10 j 04:42	20°♌23'32		inferior conj	-1663 Jun 14 j 11:10	7°♌19'00	-4°28'58
direct	-1664 Jul 12 j 16:54	19°♌59'48		minimum elong	-1663 Jun 14 j 08:55	7°♌23'01	4°28'47
morning max el	-1664 Jul 20 j 01:35	23°♌34'35	18°11'47	morning rise	-1663 Jun 22 j 09:41	3°♌00'26	
asc. node	-1664 Jul 23 j 00:59	26°♌55'42		direct	-1663 Jun 24 j 22:22	2°♌40'24	
	-1664 Jul 25 j 06:08	0°♍		morning max el	-1663 Jul 03 j 07:02	6°♌36'25	18°48'19
morning set	-1664 Aug 05 j 00:45	18°♍52'59		asc. node	-1663 Jul 09 j 22:03	15°♌00'12	
	-1664 Aug 10 j 23:10	0°♎			-1663 Jul 18 j 07:16	0°♍	
				morning set	-1663 Jul 19 j 18:43	2°♍52'25	
superior conj	-1664 Aug 14 j 15:35	6°♎44'05	1°39'31				
minimum elong	-1664 Aug 14 j 18:42	6°♎58'09	1°39'21	superior conj	-1663 Jul 28 j 09:56	19°♍38'21	1°47'39
max. Earth dist.	-1664 Aug 22 j 05:51	20°♎01'07	1.41138 AU	minimum elong	-1663 Jul 28 j 10:41	19°♍41'55	1°47'41
evening rise	-1664 Aug 27 j 08:46	28°♎31'09			-1663 Aug 03 j 00:18	0°♎	
	-1664 Aug 28 j 06:42	0°♏		max. Earth dist.	-1663 Aug 04 j 09:04	2°♎26'37	1.39157 AU
desc. node	-1664 Sep 01 j 20:26	7°♏15'24		evening rise	-1663 Aug 08 j 08:35	9°♎22'54	
	-1664 Sep 17 j 06:54	0°♏		desc. node	-1663 Aug 19 j 17:28	27°♎46'43	
evening max el	-1664 Sep 30 j 06:03	15°♏59'19	22°54'31		-1663 Aug 21 j 04:31	0°♏	
retrograde	-1664 Oct 10 j 06:28	21°♏55'51		evening max el	-1663 Sep 12 j 18:23	29°♏30'11	24°14'42
evening set	-1664 Oct 15 j 01:03	19°♏58'19			-1663 Sep 13 j 06:32	0°♏	
asc. node	-1664 Oct 19 j 00:07	15°♏31'13		retrograde	-1663 Sep 23 j 21:22	6°♏02'03	
inferior conj	-1664 Oct 20 j 09:02	13°♏38'47	0°28'19	evening set	-1663 Sep 29 j 06:19	3°♏45'56	
minimum elong	-1664 Oct 20 j 08:23	13°♏41'04	0°28'01		-1663 Oct 02 j 16:46	30°♏♏	
min. Earth dist.	-1664 Oct 20 j 03:56	13°♏56'24	0.67564 AU	min. Earth dist.	-1663 Oct 03 j 23:51	28°♏17'23	0.67391 AU
morning rise	-1664 Oct 25 j 15:37	7°♏27'36		inferior conj	-1663 Oct 04 j 15:18	27°♏25'15	-0°25'45
direct	-1664 Oct 30 j 00:37	5°♏42'54		minimum elong	-1663 Oct 04 j 15:56	27°♏23'09	0°25'29
morning max el	-1664 Nov 08 j 00:54	11°♏01'49	21°46'58	asc. node	-1663 Oct 05 j 21:11	25°♏45'43	
	-1664 Nov 22 j 19:47	0°♐		morning rise	-1663 Oct 10 j 01:32	21°♏19'15	
desc. node	-1664 Nov 28 j 19:47	8°♐48'06		direct	-1663 Oct 13 j 21:27	19°♏55'29	
morning set	-1664 Dec 10 j 03:03	26°♐14'55		morning max el	-1663 Oct 21 j 21:21	24°♏34'20	20°30'40
	-1664 Dec 12 j 11:09	0°♑			-1663 Oct 26 j 13:53	0°♏	
max. Earth dist.	-1664 Dec 16 j 15:00	6°♑49'00	1.41604 AU	desc. node	-1663 Nov 15 j 16:48	29°♏11'54	
					-1663 Nov 16 j 05:20	0°♐	
superior conj	-1664 Dec 24 j 05:42	19°♑48'02	-1°58'20	morning set	-1663 Nov 19 j 02:58	4°♐28'50	
minimum elong	-1664 Dec 24 j 04:17	19°♑41'50	1°58'19	max. Earth dist.	-1663 Nov 28 j 22:05	19°♐57'11	1.43316 AU
	-1664 Dec 29 j 22:54	0°♒					
evening rise	-1663 Jan 03 j 22:40	9°♒08'31		superior conj	-1663 Dec 05 j 03:10	0°♒06'55	-1°45'14

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1663 Dec 04 j 21:22	29° \mathbb{M} 42'50	1°44'52	evening rise	-1662 Nov 29 j 05:12	2° \mathbb{A} 34'57	
	-1663 Dec 05 j 01:30	0° \mathbb{A}			-1662 Dec 16 j 18:23	0° \mathbb{B}	
evening rise	-1663 Dec 17 j 12:03	21° \mathbb{A} 18'51		evening max el	-1662 Dec 18 j 09:14	1° \mathbb{B} 47'36	18°25'36
	-1663 Dec 22 j 11:06	0° \mathbb{B}		asc. node	-1662 Dec 19 j 17:27	3° \mathbb{B} 03'10	
asc. node	-1662 Jan 01 j 20:26	16° \mathbb{B} 11'42		retrograde	-1662 Dec 24 j 22:42	5° \mathbb{B} 23'38	
evening max el	-1662 Jan 03 j 20:44	18° \mathbb{B} 26'53	18°09'08	evening set	-1662 Dec 27 j 22:03	4° \mathbb{B} 35'23	
retrograde	-1662 Jan 10 j 09:56	21° \mathbb{B} 53'52			-1661 Jan 02 j 02:25	30° \mathbb{R} \mathbb{A}	
evening set	-1662 Jan 13 j 04:44	21° \mathbb{B} 15'34		inferior conj	-1661 Jan 02 j 21:33	29° \mathbb{A} 05'28	3°39'24
inferior conj	-1662 Jan 19 j 13:17	16° \mathbb{B} 04'37	3°54'38	minimum elong	-1661 Jan 02 j 19:14	29° \mathbb{A} 12'06	3°39'02
minimum elong	-1662 Jan 19 j 12:25	16° \mathbb{B} 06'51	3°54'34	min. Earth dist.	-1661 Jan 05 j 01:35	26° \mathbb{A} 36'13	0.64162 AU
min. Earth dist.	-1662 Jan 22 j 08:12	13° \mathbb{B} 12'15	0.62418 AU	morning rise	-1661 Jan 08 j 15:53	23° \mathbb{A} 02'05	
morning rise	-1662 Jan 25 j 19:05	10° \mathbb{B} 09'37		direct	-1661 Jan 15 j 14:09	20° \mathbb{A} 11'08	
direct	-1662 Feb 01 j 19:39	7° \mathbb{B} 32'51		morning max el	-1661 Jan 29 j 03:32	27° \mathbb{A} 57'52	27°27'11
desc. node	-1662 Feb 11 j 16:01	11° \mathbb{B} 43'05		desc. node	-1661 Jan 29 j 13:03	28° \mathbb{A} 21'45	
morning max el	-1662 Feb 15 j 19:00	15° \mathbb{B} 22'16	27°45'29		-1661 Jan 31 j 02:37	0° \mathbb{B}	
	-1662 Feb 27 j 18:38	0° \mathbb{A}			-1661 Feb 21 j 11:43	0° \mathbb{A}	
	-1662 Mar 17 j 16:29	0° \mathbb{H}		morning set	-1661 Mar 05 j 04:43	21° \mathbb{A} 20'55	
morning set	-1662 Mar 21 j 09:32	7° \mathbb{H} 20'11			-1661 Mar 09 j 11:32	0° \mathbb{H}	
max. Earth dist.	-1662 Mar 27 j 01:49	19° \mathbb{H} 12'53	1.32803 AU	max. Earth dist.	-1661 Mar 10 j 03:43	1° \mathbb{H} 23'51	1.33549 AU
superior conj	-1662 Mar 28 j 20:44	23° \mathbb{H} 04'17	-0°20'34	superior conj	-1661 Mar 13 j 02:55	7° \mathbb{H} 38'20	-0°46'34
minimum elong	-1662 Mar 28 j 21:41	23° \mathbb{H} 09'27	0°20'22	minimum elong	-1661 Mar 13 j 05:04	7° \mathbb{H} 49'46	0°46'09
asc. node	-1662 Mar 30 j 19:48	27° \mathbb{H} 19'48		asc. node	-1661 Mar 17 j 16:49	17° \mathbb{H} 25'32	
	-1662 Apr 01 j 01:18	0° \mathbb{Y}		evening rise	-1661 Mar 20 j 08:12	23° \mathbb{H} 01'21	
evening rise	-1662 Apr 04 j 20:55	8° \mathbb{Y} 11'29			-1661 Mar 23 j 17:47	0° \mathbb{Y}	
	-1662 Apr 16 j 07:34	0° \mathbb{B}		evening max el	-1661 Apr 11 j 01:22	27° \mathbb{Y} 50'47	22°29'12
evening max el	-1662 Apr 29 j 08:44	17° \mathbb{B} 11'38	24°04'00		-1661 Apr 13 j 12:20	0° \mathbb{B}	
desc. node	-1662 May 10 j 15:12	23° \mathbb{B} 53'39		retrograde	-1661 Apr 24 j 01:47	4° \mathbb{B} 14'08	
retrograde	-1662 May 13 j 04:41	24° \mathbb{B} 08'41		evening set	-1661 Apr 27 j 01:45	3° \mathbb{B} 54'23	
evening set	-1662 May 17 j 11:25	23° \mathbb{B} 27'52		desc. node	-1661 Apr 27 j 12:11	3° \mathbb{B} 48'23	
min. Earth dist.	-1662 May 23 j 20:05	20° \mathbb{B} 23'20	0.56447 AU	min. Earth dist.	-1661 May 05 j 09:35	0° \mathbb{B} 18'11	0.55331 AU
inferior conj	-1662 May 26 j 07:42	18° \mathbb{B} 50'53	-3°48'54		-1661 May 05 j 22:24	30° \mathbb{R} \mathbb{Y}	
minimum elong	-1662 May 26 j 01:40	19° \mathbb{B} 00'18	3°47'40	inferior conj	-1661 May 06 j 10:29	29° \mathbb{Y} 42'47	-2°25'26
morning rise	-1662 Jun 03 j 18:55	14° \mathbb{B} 49'42		minimum elong	-1661 May 06 j 04:24	29° \mathbb{Y} 51'27	2°23'33
direct	-1662 Jun 06 j 08:34	14° \mathbb{B} 32'23		morning rise	-1661 May 15 j 08:54	25° \mathbb{Y} 47'20	
morning max el	-1662 Jun 16 j 03:29	19° \mathbb{B} 04'22	19°45'34	direct	-1661 May 18 j 02:20	25° \mathbb{Y} 30'14	
	-1662 Jun 24 j 14:00	0° \mathbb{II}			-1661 May 28 j 14:11	0° \mathbb{B}	
asc. node	-1662 Jun 26 j 19:06	3° \mathbb{II} 45'25		morning max el	-1661 May 29 j 13:02	0° \mathbb{B} 50'58	21°02'40
morning set	-1662 Jul 03 j 20:33	17° \mathbb{II} 16'33		asc. node	-1661 Jun 13 j 16:08	23° \mathbb{B} 01'36	
	-1662 Jul 10 j 03:31	0° \mathbb{B}			-1661 Jun 17 j 04:31	0° \mathbb{II}	
				morning set	-1661 Jun 18 j 03:43	1° \mathbb{II} 58'47	
superior conj	-1662 Jul 11 j 19:21	3° \mathbb{B} 18'44	1°46'20	superior conj	-1661 Jun 25 j 15:27	17° \mathbb{II} 32'28	1°37'45
minimum elong	-1662 Jul 11 j 18:16	3° \mathbb{B} 13'23	1°46'19	minimum elong	-1661 Jun 25 j 13:17	17° \mathbb{II} 21'18	1°37'35
max. Earth dist.	-1662 Jul 17 j 12:04	14° \mathbb{B} 19'35	1.37221 AU	max. Earth dist.	-1661 Jun 29 j 21:26	26° \mathbb{II} 08'23	1.35538 AU
evening rise	-1662 Jul 21 j 08:41	21° \mathbb{B} 25'20			-1661 Jul 01 j 20:41	0° \mathbb{B}	
	-1662 Jul 26 j 06:25	0° \mathbb{O}		evening rise	-1661 Jul 04 j 04:27	4° \mathbb{B} 26'38	
desc. node	-1662 Aug 06 j 14:31	18° \mathbb{O} 03'37			-1661 Jul 19 j 02:36	0° \mathbb{O}	
	-1662 Aug 15 j 01:55	0° \mathbb{O}		desc. node	-1661 Jul 24 j 11:32	7° \mathbb{O} 59'20	
evening max el	-1662 Aug 26 j 05:28	13° \mathbb{O} 04'08	25°29'43	evening max el	-1661 Aug 08 j 17:01	26° \mathbb{O} 37'58	26°31'29
retrograde	-1662 Sep 07 j 07:58	20° \mathbb{O} 02'41			-1661 Aug 12 j 13:26	0° \mathbb{O}	
evening set	-1662 Sep 13 j 07:40	17° \mathbb{O} 30'15		retrograde	-1661 Aug 21 j 13:31	3° \mathbb{O} 51'52	
min. Earth dist.	-1662 Sep 17 j 16:50	12° \mathbb{O} 37'24	0.66895 AU	evening set	-1661 Aug 28 j 02:57	1° \mathbb{O} 08'12	
inferior conj	-1662 Sep 18 j 19:10	11° \mathbb{O} 12'19	-1°20'35		-1661 Aug 29 j 08:46	30° \mathbb{R} \mathbb{O}	
minimum elong	-1662 Sep 18 j 21:08	11° \mathbb{O} 05'57	1°19'46	min. Earth dist.	-1661 Sep 01 j 04:26	26° \mathbb{O} 52'52	0.66059 AU
asc. node	-1662 Sep 22 j 18:14	6° \mathbb{O} 35'27		inferior conj	-1661 Sep 02 j 18:43	24° \mathbb{O} 56'50	-2°14'26
morning rise	-1662 Sep 24 j 10:46	5° \mathbb{O} 14'22		minimum elong	-1661 Sep 02 j 21:57	24° \mathbb{O} 47'01	2°13'13
direct	-1662 Sep 27 j 19:40	4° \mathbb{O} 08'34		morning rise	-1661 Sep 08 j 17:17	19° \mathbb{O} 10'09	
morning max el	-1662 Oct 05 j 01:12	8° \mathbb{O} 15'48	19°27'27	asc. node	-1661 Sep 09 j 15:17	18° \mathbb{O} 43'42	
	-1662 Oct 20 j 19:40	0° \mathbb{O}		direct	-1661 Sep 11 j 17:35	18° \mathbb{O} 18'47	
morning set	-1662 Oct 29 j 03:36	12° \mathbb{O} 52'59		morning max el	-1661 Sep 18 j 11:13	22° \mathbb{O} 03'17	18°39'36
desc. node	-1662 Nov 02 j 13:51	19° \mathbb{O} 46'53			-1661 Sep 24 j 18:11	0° \mathbb{O}	
	-1662 Nov 09 j 02:18	0° \mathbb{M}		morning set	-1661 Oct 09 j 02:03	22° \mathbb{O} 25'11	
max. Earth dist.	-1662 Nov 11 j 11:38	3° \mathbb{M} 46'22	1.44474 AU		-1661 Oct 13 j 20:05	0° \mathbb{O}	
				desc. node	-1661 Oct 20 j 10:53	10° \mathbb{O} 28'43	
superior conj	-1662 Nov 14 j 21:54	9° \mathbb{M} 13'16	-1°14'26				
minimum elong	-1662 Nov 14 j 14:09	8° \mathbb{M} 42'22	1°13'36	superior conj	-1661 Oct 24 j 23:10	17° \mathbb{O} 35'10	-0°28'55
	-1662 Nov 27 j 15:59	0° \mathbb{A}					

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1661 Oct 24 j 19:21	17° $\underline{\mathbf{a}}$ 20'11	0°28'25	max. Earth dist.	-1660 Oct 07 j 00:14	2° $\underline{\mathbf{a}}$ 19'02	1.44676 AU
max. Earth dist.	-1661 Oct 25 j 05:24	17° $\underline{\mathbf{a}}$ 59'45	1.44944 AU	evening rise	-1660 Oct 19 j 17:07	22° $\underline{\mathbf{a}}$ 10'27	
	-1661 Nov 01 j 20:18	0° \mathbf{m}			-1660 Oct 24 j 18:41	0° \mathbf{m}	
evening rise	-1661 Nov 09 j 22:31	12° \mathbf{m} 50'18		greatest brilliancy	-1660 Nov 01 j 18:02	12° \mathbf{m} 08'58	-0.7m
greatest brilliancy	-1661 Nov 17 j 16:20	25° \mathbf{m} 10'49	-0.8m	evening max el	-1660 Nov 14 j 02:21	28° \mathbf{m} 40'47	19°50'04
	-1661 Nov 20 j 17:52	0° \mathbf{x}			-1660 Nov 15 j 10:59	0° \mathbf{x}	
evening max el	-1661 Dec 01 j 19:49	15° \mathbf{x} 13'14	18°59'46	retrograde	-1660 Nov 21 j 14:11	3° \mathbf{x} 03'12	
asc. node	-1661 Dec 06 j 14:29	18° \mathbf{x} 43'34		asc. node	-1660 Nov 22 j 11:32	2° \mathbf{x} 58'40	
retrograde	-1661 Dec 08 j 17:05	19° \mathbf{x} 08'10		evening set	-1660 Nov 25 j 03:14	1° \mathbf{x} 49'46	
evening set	-1661 Dec 11 j 22:23	18° \mathbf{x} 08'18			-1660 Nov 27 j 05:25	30° \mathbf{r} \mathbf{m}	
inferior conj	-1661 Dec 17 j 15:14	12° \mathbf{x} 21'42	3°10'53	inferior conj	-1660 Nov 30 j 15:29	25° \mathbf{m} 49'24	2°32'58
minimum elong	-1661 Dec 17 j 12:20	12° \mathbf{x} 30'46	3°10'10	minimum elong	-1660 Nov 30 j 12:39	25° \mathbf{m} 58'46	2°32'02
min. Earth dist.	-1661 Dec 19 j 04:19	10° \mathbf{x} 26'10	0.65550 AU	min. Earth dist.	-1660 Dec 01 j 15:00	24° \mathbf{m} 31'42	0.66555 AU
morning rise	-1661 Dec 23 j 01:59	6° \mathbf{x} 12'42		morning rise	-1660 Dec 05 j 21:52	19° \mathbf{m} 36'45	
direct	-1661 Dec 29 j 14:57	3° \mathbf{x} 22'25		direct	-1660 Dec 11 j 21:22	16° \mathbf{m} 58'31	
morning max el	-1660 Jan 11 j 13:04	10° \mathbf{x} 55'59	26°38'08	morning max el	-1660 Dec 23 j 22:06	24° \mathbf{m} 06'33	25°26'37
desc. node	-1660 Jan 16 j 10:06	16° \mathbf{x} 17'16			-1660 Dec 29 j 05:25	0° \mathbf{x}	
	-1660 Jan 26 j 18:08	0° \mathbf{z}		desc. node	-1659 Jan 02 j 07:10	5° \mathbf{x} 07'25	
	-1660 Feb 14 j 00:06	0° \approx			-1659 Jan 19 j 04:05	0° \mathbf{z}	
morning set	-1660 Feb 16 j 12:37	4° \approx 42'41		morning set	-1659 Jan 29 j 04:33	17° \mathbf{z} 12'00	
max. Earth dist.	-1660 Feb 20 j 18:55	12° \approx 59'50	1.34739 AU	max. Earth dist.	-1659 Feb 01 j 22:45	24° \mathbf{z} 08'59	1.36371 AU
					-1659 Feb 05 j 00:03	0° \approx	
superior conj	-1660 Feb 25 j 03:21	21° \approx 49'46	-1°11'26				
minimum elong	-1660 Feb 25 j 06:28	22° \approx 05'56	1°10'57	superior conj	-1659 Feb 07 j 19:16	5° \approx 30'46	-1°33'28
	-1660 Feb 29 j 01:23	0° \mathbf{x}		minimum elong	-1659 Feb 07 j 22:50	5° \approx 48'30	1°33'04
evening rise	-1660 Mar 03 j 17:15	7° \mathbf{x} 38'32		evening rise	-1659 Feb 15 j 22:03	21° \approx 56'54	
asc. node	-1660 Mar 03 j 13:50	7° \mathbf{x} 20'55		asc. node	-1659 Feb 18 j 10:52	27° \approx 01'12	
	-1660 Mar 15 j 21:42	0° \mathbf{y}			-1659 Feb 19 j 23:33	0° \mathbf{x}	
evening max el	-1660 Mar 23 j 01:24	8° \mathbf{y} 48'51	21°01'15	evening max el	-1659 Mar 05 j 12:08	20° \mathbf{x} 21'38	19°48'39
retrograde	-1660 Apr 03 j 15:00	14° \mathbf{y} 22'53		retrograde	-1659 Mar 15 j 08:52	25° \mathbf{x} 04'22	
evening set	-1660 Apr 05 j 22:30	14° \mathbf{y} 10'23		evening set	-1659 Mar 17 j 13:34	24° \mathbf{x} 51'24	
desc. node	-1660 Apr 13 j 09:13	11° \mathbf{y} 13'36		inferior conj	-1659 Mar 26 j 05:57	20° \mathbf{x} 49'17	1°22'44
inferior conj	-1660 Apr 15 j 05:05	10° \mathbf{y} 12'11	-0°31'03	minimum elong	-1659 Mar 26 j 09:18	20° \mathbf{x} 44'04	1°21'38
minimum elong	-1660 Apr 15 j 03:37	10° \mathbf{y} 14'16	0°30'31	min. Earth dist.	-1659 Mar 28 j 13:09	19° \mathbf{x} 23'55	0.55795 AU
min. Earth dist.	-1660 Apr 15 j 22:59	9° \mathbf{y} 46'50	0.55094 AU	desc. node	-1659 Mar 31 j 06:16	17° \mathbf{x} 51'21	
morning rise	-1660 Apr 24 j 08:22	6° \mathbf{y} 05'24		morning rise	-1659 Apr 04 j 02:46	16° \mathbf{x} 14'46	
direct	-1660 Apr 27 j 13:33	5° \mathbf{y} 42'59		direct	-1659 Apr 08 j 06:26	15° \mathbf{x} 36'31	
morning max el	-1660 May 10 j 12:05	11° \mathbf{y} 56'06	22°35'50	morning max el	-1659 Apr 22 j 04:18	22° \mathbf{x} 33'27	24°16'05
	-1660 May 23 j 20:46	0° \mathbf{z}			-1659 Apr 28 j 17:55	0° \mathbf{y}	
asc. node	-1660 May 30 j 13:12	12° \mathbf{z} 40'41			-1659 May 16 j 04:29	0° \mathbf{z}	
morning set	-1660 Jun 01 j 14:12	16° \mathbf{z} 53'11		morning set	-1659 May 17 j 02:11	1° \mathbf{z} 53'23	
	-1660 Jun 07 j 18:28	0° \mathbf{II}		asc. node	-1659 May 17 j 10:14	2° \mathbf{z} 35'48	
superior conj	-1660 Jun 08 j 18:54	2° \mathbf{II} 09'42	1°23'37	superior conj	-1659 May 24 j 03:06	17° \mathbf{z} 01'40	1°05'17
minimum elong	-1660 Jun 08 j 16:20	1° \mathbf{II} 56'06	1°23'19	minimum elong	-1659 May 24 j 00:42	16° \mathbf{z} 48'42	1°04'54
max. Earth dist.	-1660 Jun 11 j 16:39	8° \mathbf{II} 15'39	1.34206 AU	max. Earth dist.	-1659 May 25 j 20:51	20° \mathbf{z} 46'24	1.33252 AU
evening rise	-1660 Jun 16 j 14:51	18° \mathbf{II} 12'48			-1659 May 30 j 06:08	0° \mathbf{II}	
	-1660 Jun 22 j 21:22	0° \mathbf{z}		evening rise	-1659 May 31 j 11:42	2° \mathbf{II} 30'47	
desc. node	-1660 Jul 10 j 08:31	27° \mathbf{z} 25'02			-1659 Jun 15 j 17:33	0° \mathbf{z}	
	-1660 Jul 12 j 07:47	0° \mathbf{Q}		desc. node	-1659 Jun 27 j 05:33	16° \mathbf{z} 07'35	
evening max el	-1660 Jul 21 j 04:47	10° \mathbf{Q} 02'57	27°12'12	evening max el	-1659 Jul 03 j 14:51	23° \mathbf{z} 05'37	27°25'13
retrograde	-1660 Aug 03 j 13:33	17° \mathbf{Q} 22'59			-1659 Jul 14 j 05:29	0° \mathbf{Q}	
evening set	-1660 Aug 10 j 13:39	14° \mathbf{Q} 36'28		retrograde	-1659 Jul 17 j 07:43	0° \mathbf{Q} 26'38	
min. Earth dist.	-1660 Aug 14 j 08:19	10° \mathbf{Q} 58'24	0.64861 AU		-1659 Jul 20 j 07:17	30° \mathbf{r} \mathbf{z}	
inferior conj	-1660 Aug 16 j 11:47	8° \mathbf{Q} 35'08	-3°04'58	evening set	-1659 Jul 24 j 12:28	27° \mathbf{z} 49'11	
minimum elong	-1660 Aug 16 j 15:55	8° \mathbf{Q} 23'35	3°03'40	min. Earth dist.	-1659 Jul 28 j 02:38	24° \mathbf{z} 43'36	0.63293 AU
morning rise	-1660 Aug 22 j 18:49	3° \mathbf{Q} 03'09		inferior conj	-1659 Jul 30 j 19:40	22° \mathbf{z} 00'42	-3°48'58
direct	-1660 Aug 25 j 12:53	2° \mathbf{Q} 22'53		minimum elong	-1659 Jul 30 j 23:57	21° \mathbf{z} 49'55	3°47'59
asc. node	-1660 Aug 26 j 12:22	2° \mathbf{Q} 27'59		morning rise	-1659 Aug 06 j 12:28	16° \mathbf{z} 46'44	
morning max el	-1660 Sep 01 j 01:19	5° \mathbf{Q} 53'15	18°08'29	direct	-1659 Aug 09 j 02:35	16° \mathbf{z} 14'41	
	-1660 Sep 17 j 04:48	0° \mathbf{p}		asc. node	-1659 Aug 13 j 09:28	17° \mathbf{z} 43'30	
morning set	-1660 Sep 19 j 04:48	3° \mathbf{p} 20'35		morning max el	-1659 Aug 15 j 16:45	19° \mathbf{z} 39'27	17°54'57
					-1659 Aug 23 j 08:07	0° \mathbf{Q}	
superior conj	-1660 Oct 03 j 04:17	26° \mathbf{p} 13'26	0°20'24	morning set	-1659 Sep 01 j 08:09	15° \mathbf{Q} 26'04	
minimum elong	-1660 Oct 03 j 06:44	26° \mathbf{p} 23'16	0°20'03		-1659 Sep 09 j 18:13	0° \mathbf{p}	
	-1660 Oct 05 j 13:09	0° $\underline{\mathbf{a}}$					
desc. node	-1660 Oct 06 j 07:55	1° $\underline{\mathbf{a}}$ 14'27		superior conj	-1659 Sep 13 j 07:48	5° \mathbf{p} 59'26	1°01'40

































































































































Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1659 Sep 13 j 13:06	6° \mathbb{M} 21'26	1°01'02	superior conj	-1658 Aug 25 j 14:58	17° \mathbb{Q} 07'33	1°29'32
max. Earth dist.	-1659 Sep 19 j 16:10	16° \mathbb{M} 22'16	1.43713 AU	minimum elong	-1658 Aug 25 j 19:23	17° \mathbb{Q} 26'50	1°29'11
desc. node	-1659 Sep 23 j 04:57	22° \mathbb{M} 00'22		max. Earth dist.	-1658 Sep 02 j 02:46	29° \mathbb{Q} 52'53	1.42190 AU
	-1659 Sep 28 j 07:27	0° \mathbb{L}			-1658 Sep 02 j 04:29	0° \mathbb{M}	
evening rise	-1659 Sep 28 j 23:07	1° \mathbb{L} 00'41		evening rise	-1658 Sep 08 j 11:04	10° \mathbb{M} 10'00	
	-1659 Oct 18 j 10:52	0° \mathbb{M}		desc. node	-1658 Sep 10 j 01:57	12° \mathbb{M} 43'30	
evening max el	-1659 Oct 28 j 03:14	12° \mathbb{M} 07'38	20°54'17		-1658 Sep 21 j 10:48	0° \mathbb{L}	
retrograde	-1659 Nov 05 j 11:39	17° \mathbb{M} 04'36		evening max el	-1658 Oct 10 j 22:12	25° \mathbb{L} 34'42	22°08'54
evening set	-1659 Nov 09 j 10:30	15° \mathbb{M} 35'30			-1658 Oct 16 j 09:03	0° \mathbb{M}	
asc. node	-1659 Nov 09 j 08:37	15° \mathbb{M} 39'02		retrograde	-1658 Oct 20 j 07:34	1° \mathbb{M} 09'48	
inferior conj	-1659 Nov 14 j 19:52	9° \mathbb{M} 24'46	1°48'11		-1658 Oct 23 j 22:15	30° \mathbb{R} \mathbb{L}	
minimum elong	-1659 Nov 14 j 17:37	9° \mathbb{M} 32'30	1°47'18	evening set	-1658 Oct 24 j 18:18	29° \mathbb{L} 23'12	
min. Earth dist.	-1659 Nov 15 j 07:29	8° \mathbb{M} 45'04	0.67199 AU	asc. node	-1658 Oct 27 j 05:42	26° \mathbb{L} 52'27	
morning rise	-1659 Nov 20 j 00:33	3° \mathbb{M} 10'37		inferior conj	-1658 Oct 30 j 02:23	23° \mathbb{L} 05'47	0°58'29
direct	-1659 Nov 25 j 08:53	0° \mathbb{M} 51'13		minimum elong	-1658 Oct 30 j 01:03	23° \mathbb{L} 10'21	0°57'55
morning max el	-1659 Dec 06 j 06:45	7° \mathbb{M} 21'43	24°02'22	min. Earth dist.	-1658 Oct 30 j 03:15	23° \mathbb{L} 02'45	0.67516 AU
desc. node	-1659 Dec 20 j 04:15	24° \mathbb{M} 35'56		morning rise	-1658 Nov 04 j 07:39	16° \mathbb{L} 52'32	
	-1659 Dec 23 j 22:53	0° \mathbb{X}		direct	-1658 Nov 09 j 00:53	14° \mathbb{L} 54'59	
morning set	-1658 Jan 10 j 22:32	28° \mathbb{X} 32'43		morning max el	-1658 Nov 18 j 17:26	20° \mathbb{L} 40'26	22°35'05
	-1658 Jan 11 j 18:45	0° \mathbb{Z}			-1658 Nov 26 j 15:13	0° \mathbb{M}	
max. Earth dist.	-1658 Jan 14 j 18:57	5° \mathbb{Z} 17'34	1.38340 AU	desc. node	-1658 Dec 07 j 01:17	14° \mathbb{M} 31'39	
					-1658 Dec 17 j 05:29	0° \mathbb{X}	
superior conj	-1658 Jan 21 j 23:06	18° \mathbb{Z} 31'32	-1°50'20	morning set	-1658 Dec 22 j 12:37	8° \mathbb{X} 29'54	
minimum elong	-1658 Jan 22 j 02:03	18° \mathbb{Z} 45'34	1°50'10	max. Earth dist.	-1658 Dec 27 j 14:59	16° \mathbb{X} 59'44	1.40441 AU
	-1658 Jan 27 j 21:04	0° \mathbb{X}					
evening rise	-1658 Jan 30 j 20:09	5° \mathbb{X} 49'39		superior conj	-1657 Jan 04 j 10:05	0° \mathbb{Z} 39'30	-1°58'50
asc. node	-1658 Feb 05 j 07:55	16° \mathbb{X} 20'41		minimum elong	-1657 Jan 04 j 10:48	0° \mathbb{Z} 42'44	1°58'51
	-1658 Feb 14 j 01:25	0° \mathbb{X}			-1657 Jan 04 j 01:19	0° \mathbb{Z}	
evening max el	-1658 Feb 16 j 09:19	2° \mathbb{X} 31'32	18°55'13	evening rise	-1657 Jan 14 j 08:31	19° \mathbb{Z} 08'32	
retrograde	-1658 Feb 24 j 17:59	6° \mathbb{X} 33'19			-1657 Jan 20 j 04:51	0° \mathbb{X}	
evening set	-1658 Feb 27 j 02:11	6° \mathbb{X} 15'38		asc. node	-1657 Jan 23 j 04:58	5° \mathbb{X} 11'40	
inferior conj	-1658 Mar 07 j 00:13	1° \mathbb{X} 58'25	2°48'14	evening max el	-1657 Jan 30 j 14:34	15° \mathbb{X} 11'24	18°21'48
minimum elong	-1658 Mar 07 j 04:48	1° \mathbb{X} 50'11	2°47'06	retrograde	-1657 Feb 06 j 21:34	18° \mathbb{X} 47'44	
	-1658 Mar 09 j 18:27	30° \mathbb{R} \mathbb{X}		evening set	-1657 Feb 09 j 10:17	18° \mathbb{X} 22'53	
min. Earth dist.	-1658 Mar 10 j 05:20	29° \mathbb{X} 41'12	0.57275 AU	inferior conj	-1657 Feb 16 j 15:15	13° \mathbb{X} 45'23	3°37'23
morning rise	-1658 Mar 15 j 04:33	26° \mathbb{X} 51'49		minimum elong	-1657 Feb 16 j 18:06	13° \mathbb{X} 39'25	3°36'58
desc. node	-1658 Mar 18 j 03:20	25° \mathbb{X} 57'21		min. Earth dist.	-1657 Feb 20 j 01:14	10° \mathbb{X} 55'30	0.59225 AU
direct	-1658 Mar 20 j 12:33	25° \mathbb{X} 43'32		morning rise	-1657 Feb 23 j 23:40	8° \mathbb{X} 13'57	
	-1658 Mar 31 j 04:18	0° \mathbb{X}		direct	-1657 Mar 02 j 07:55	6° \mathbb{X} 27'03	
morning max el	-1658 Apr 03 j 19:38	3° \mathbb{X} 09'04	25°49'27	desc. node	-1657 Mar 05 j 00:24	6° \mathbb{X} 45'42	
	-1658 Apr 22 j 23:15	0° \mathbb{Y}		morning max el	-1657 Mar 16 j 14:54	14° \mathbb{X} 07'19	27°00'59
morning set	-1658 May 01 j 14:01	16° \mathbb{Y} 53'35			-1657 Mar 29 j 07:57	0° \mathbb{X}	
asc. node	-1658 May 04 j 07:18	22° \mathbb{Y} 41'40			-1657 Apr 15 j 03:22	0° \mathbb{Y}	
	-1658 May 07 j 15:49	0° \mathbb{Z}		morning set	-1657 Apr 15 j 23:54	1° \mathbb{Y} 46'23	
				asc. node	-1657 Apr 21 j 04:20	12° \mathbb{Y} 52'41	
superior conj	-1658 May 08 j 14:02	2° \mathbb{Z} 01'32	0°43'46				
minimum elong	-1658 May 08 j 12:14	1° \mathbb{Z} 51'41	0°43'26	superior conj	-1657 Apr 23 j 01:49	17° \mathbb{Y} 01'41	0°19'54
max. Earth dist.	-1658 May 09 j 07:12	3° \mathbb{Z} 35'21	1.32666 AU	minimum elong	-1657 Apr 23 j 00:56	16° \mathbb{Y} 56'52	0°19'43
evening rise	-1658 May 15 j 15:45	17° \mathbb{Z} 10'31		max. Earth dist.	-1657 Apr 22 j 20:10	16° \mathbb{Y} 30'44	1.32438 AU
	-1658 May 22 j 03:46	0° \mathbb{I}			-1657 Apr 29 j 01:14	0° \mathbb{Z}	
	-1658 Jun 10 j 16:16	0° \mathbb{L}		evening rise	-1657 Apr 30 j 00:22	2° \mathbb{Z} 02'06	
desc. node	-1658 Jun 14 j 02:34	3° \mathbb{L} 48'44			-1657 May 15 j 05:08	0° \mathbb{I}	
evening max el	-1658 Jun 15 j 20:59	5° \mathbb{L} 34'17	27°06'12	evening max el	-1657 May 28 j 21:06	17° \mathbb{I} 20'03	26°14'47
retrograde	-1658 Jun 29 j 19:19	12° \mathbb{L} 53'39		desc. node	-1657 May 31 j 23:35	20° \mathbb{I} 02'10	
evening set	-1658 Jul 06 j 19:21	10° \mathbb{L} 39'35		retrograde	-1657 Jun 11 j 22:37	24° \mathbb{I} 35'29	
min. Earth dist.	-1658 Jul 10 j 10:52	7° \mathbb{L} 55'14	0.61411 AU	evening set	-1657 Jun 18 j 05:49	22° \mathbb{I} 57'05	
inferior conj	-1658 Jul 13 j 15:10	5° \mathbb{L} 06'25	-4°21'25	min. Earth dist.	-1657 Jun 22 j 10:07	20° \mathbb{I} 17'29	0.59361 AU
minimum elong	-1658 Jul 13 j 18:16	4° \mathbb{L} 59'31	4°21'00	inferior conj	-1657 Jun 25 j 18:39	17° \mathbb{I} 42'31	-4°34'30
morning rise	-1658 Jul 20 j 18:49	0° \mathbb{L} 13'06		minimum elong	-1657 Jun 25 j 18:46	17° \mathbb{I} 42'16	4°34'28
	-1658 Jul 21 j 12:44	30° \mathbb{R} \mathbb{I}		morning rise	-1657 Jul 03 j 10:01	13° \mathbb{I} 11'09	
direct	-1658 Jul 23 j 07:05	29° \mathbb{I} 46'57		direct	-1657 Jul 05 j 22:09	12° \mathbb{I} 49'13	
	-1658 Jul 25 j 00:50	0° \mathbb{L}		morning max el	-1657 Jul 13 j 16:00	16° \mathbb{I} 31'49	18°24'42
morning max el	-1658 Jul 30 j 06:40	3° \mathbb{L} 15'18	17°59'58	asc. node	-1657 Jul 18 j 03:37	21° \mathbb{I} 51'56	
asc. node	-1658 Jul 31 j 06:33	4° \mathbb{L} 16'50			-1657 Jul 23 j 05:42	0° \mathbb{L}	
morning set	-1658 Aug 15 j 06:22	28° \mathbb{L} 26'03		morning set	-1657 Jul 29 j 18:19	12° \mathbb{L} 06'53	
	-1658 Aug 16 j 02:50	0° \mathbb{Q}					
				superior conj	-1657 Aug 07 j 22:06	29° \mathbb{L} 27'24	1°44'17

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1657 Aug 08 j 00:11	29° ☿ 37'01	1°44'13	morning rise	-1656 Jun 14 j 06:43	25° ♄ 28'51	
	-1657 Aug 08 j 05:11	0° ♄		direct	-1656 Jun 16 j 19:51	25° ♄ 10'02	
max. Earth dist.	-1657 Aug 15 j 08:03	12° ♄ 42'10	1.40310 AU	morning max el	-1656 Jun 25 j 17:47	29° ♄ 19'36	19°10'03
evening rise	-1657 Aug 19 j 20:13	20° ♄ 19'58			-1656 Jun 26 j 10:28	0° ♄	
	-1657 Aug 25 j 19:41	0° ♄		asc. node	-1656 Jul 04 j 00:38	10° ♄ 14'50	
desc. node	-1657 Aug 27 j 22:58	3° ♄ 20'23		morning set	-1656 Jul 12 j 15:59	26° ♄ 17'46	
	-1657 Sep 15 j 15:53	0° ♄			-1656 Jul 14 j 12:44	0° ♄	
evening max el	-1657 Sep 23 j 12:27	9° ♄ 04'14	23°28'53				
retrograde	-1657 Oct 04 j 00:29	15° ♄ 16'30		superior conj	-1656 Jul 20 j 23:25	12° ♄ 42'34	1°48'07
evening set	-1657 Oct 09 j 00:58	13° ♄ 11'14		minimum elong	-1656 Jul 20 j 23:18	12° ♄ 42'02	1°48'08
inferior conj	-1657 Oct 14 j 09:13	6° ♄ 50'52	0°05'34	max. Earth dist.	-1656 Jul 27 j 10:47	24° ♄ 52'32	1.38321 AU
minimum elong	-1657 Oct 14 j 09:05	6° ♄ 51'20	0°05'31		-1656 Jul 30 j 07:24	0° ♄	
transit middle	-1657 Oct 14 j 09:05	6° ♄ 51'20	0°05'31	evening rise	-1656 Jul 31 j 06:47	1° ♄ 42'40	
transit begin	-1657 Oct 14 j 06:32	7° ♄ 00'04		desc. node	-1656 Aug 13 j 19:58	23° ♄ 46'10	
transit end	-1657 Oct 14 j 11:38	6° ♄ 42'36			-1656 Aug 18 j 00:54	0° ♄	
min. Earth dist.	-1657 Oct 13 j 23:49	7° ♄ 23'02	0.67527 AU	evening max el	-1656 Sep 05 j 00:08	22° ♄ 36'58	24°47'45
asc. node	-1657 Oct 14 j 02:46	7° ♄ 12'59		retrograde	-1656 Sep 16 j 13:26	29° ♄ 20'39	
morning rise	-1657 Oct 19 j 17:06	0° ♄ 41'21		evening set	-1656 Sep 22 j 04:45	26° ♄ 57'17	
	-1657 Oct 20 j 17:17	30° ♄		min. Earth dist.	-1656 Sep 26 j 18:42	21° ♄ 43'45	0.67225 AU
direct	-1657 Oct 23 j 20:22	29° ♄ 05'36		inferior conj	-1656 Sep 27 j 14:38	20° ♄ 37'36	-0°49'02
	-1657 Oct 27 j 04:52	0° ♄		minimum elong	-1656 Sep 27 j 15:50	20° ♄ 33'38	0°48'31
morning max el	-1657 Nov 01 j 09:32	4° ♄ 06'38	21°13'05	asc. node	-1656 Sep 29 j 23:48	17° ♄ 35'23	
	-1657 Nov 20 j 17:53	0° ♄		morning rise	-1656 Oct 03 j 02:58	14° ♄ 34'43	
desc. node	-1657 Nov 23 j 22:18	4° ♄ 46'57		direct	-1656 Oct 06 j 18:01	13° ♄ 18'51	
morning set	-1657 Dec 01 j 22:52	17° ♄ 09'10		morning max el	-1656 Oct 14 j 09:05	17° ♄ 42'36	20°02'00
max. Earth dist.	-1657 Dec 09 j 17:32	29° ♄ 37'14	1.42385 AU		-1656 Oct 24 j 00:52	0° ♄	
	-1657 Dec 09 j 23:06	0° ♄		morning set	-1656 Nov 09 j 19:51	25° ♄ 17'53	
				desc. node	-1656 Nov 09 j 19:19	25° ♄ 15'50	
superior conj	-1657 Dec 16 j 22:42	11° ♄ 41'37	-1°54'51		-1656 Nov 12 j 20:33	0° ♄	
minimum elong	-1657 Dec 16 j 19:25	11° ♄ 27'36	1°54'45	max. Earth dist.	-1656 Nov 21 j 04:06	13° ♄ 06'25	1.43892 AU
	-1657 Dec 27 j 07:57	0° ♄					
evening rise	-1657 Dec 28 j 07:27	1° ♄ 46'00		superior conj	-1656 Nov 26 j 08:25	21° ♄ 27'48	-1°34'21
asc. node	-1656 Jan 10 j 02:00	23° ♄ 25'14		minimum elong	-1656 Nov 26 j 01:12	20° ♄ 58'23	1°33'44
evening max el	-1656 Jan 14 j 00:53	28° ♄ 12'40	18°08'13		-1656 Dec 01 j 12:40	0° ♄	
	-1656 Jan 16 j 03:14	0° ♄		evening rise	-1656 Dec 09 j 12:41	13° ♄ 33'36	
retrograde	-1656 Jan 20 j 17:32	1° ♄ 39'00			-1656 Dec 19 j 05:32	0° ♄	
evening set	-1656 Jan 23 j 10:14	1° ♄ 05'44		asc. node	-1656 Dec 26 j 23:02	10° ♄ 49'56	
	-1656 Jan 25 j 11:13	30° ♄		evening max el	-1656 Dec 27 j 13:16	11° ♄ 27'11	18°13'54
inferior conj	-1656 Jan 30 j 01:16	26° ♄ 06'37	3°55'15	retrograde	-1655 Jan 03 j 01:28	14° ♄ 56'38	
minimum elong	-1656 Jan 30 j 01:38	26° ♄ 05'44	3°55'13	evening set	-1655 Jan 05 j 22:10	14° ♄ 14'05	
min. Earth dist.	-1656 Feb 02 j 03:36	23° ♄ 08'52	0.61293 AU	inferior conj	-1655 Jan 12 j 02:30	8° ♄ 54'32	3°50'04
morning rise	-1656 Feb 05 j 15:40	20° ♄ 18'44		minimum elong	-1655 Jan 12 j 00:55	8° ♄ 58'49	3°49'55
direct	-1656 Feb 12 j 13:36	17° ♄ 56'56		min. Earth dist.	-1655 Jan 14 j 15:07	6° ♄ 10'34	0.63200 AU
desc. node	-1656 Feb 19 j 21:28	20° ♄ 16'32		morning rise	-1655 Jan 18 j 02:55	2° ♄ 55'41	
morning max el	-1656 Feb 26 j 16:18	25° ♄ 43'43	27°39'50	direct	-1655 Jan 25 j 03:31	0° ♄ 11'19	
	-1656 Mar 01 j 15:51	0° ♄		desc. node	-1655 Feb 05 j 18:30	5° ♄ 56'27	
	-1656 Mar 21 j 17:53	0° ♄		morning max el	-1655 Feb 07 j 23:03	7° ♄ 59'49	27°42'01
morning set	-1656 Mar 30 j 05:57	16° ♄ 25'08			-1655 Feb 24 j 22:51	0° ♄	
max. Earth dist.	-1656 Apr 05 j 08:02	29° ♄ 19'39	1.32567 AU		-1655 Mar 13 j 21:29	0° ♄	
	-1656 Apr 05 j 15:27	0° ♄		morning set	-1655 Mar 14 j 05:55	0° ♄ 42'08	
				max. Earth dist.	-1655 Mar 19 j 14:55	11° ♄ 48'43	1.33068 AU
superior conj	-1656 Apr 06 j 12:47	1° ♄ 56'10	-0°05'32				
minimum elong	-1656 Apr 06 j 13:02	1° ♄ 57'33	0°05'30	superior conj	-1655 Mar 21 j 21:14	16° ♄ 39'03	-0°31'38
behind sun begin	-1656 Apr 06 j 08:15	1° ♄ 31'27		minimum elong	-1655 Mar 21 j 22:43	16° ♄ 46'59	0°31'20
behind sun end	-1656 Apr 06 j 17:49	2° ♄ 23'40		asc. node	-1655 Mar 24 j 22:23	23° ♄ 13'52	
asc. node	-1656 Apr 07 j 01:21	3° ♄ 04'45			-1655 Mar 28 j 02:02	0° ♄	
evening rise	-1656 Apr 13 j 11:28	16° ♄ 58'11		evening rise	-1655 Mar 28 j 23:11	1° ♄ 52'01	
	-1656 Apr 19 j 23:09	0° ♄			-1655 Apr 13 j 15:01	0° ♄	
evening max el	-1656 May 09 j 14:58	28° ♄ 24'11	24°56'32	evening max el	-1655 Apr 21 j 06:04	9° ♄ 03'55	23°23'36
	-1656 May 11 j 09:09	0° ♄		retrograde	-1655 May 04 j 19:17	15° ♄ 48'57	
desc. node	-1656 May 17 j 20:37	4° ♄ 14'00		desc. node	-1655 May 04 j 17:38	15° ♄ 48'57	
retrograde	-1656 May 23 j 15:05	5° ♄ 30'35		evening set	-1655 May 08 j 12:08	15° ♄ 18'52	
evening set	-1656 May 28 j 17:40	4° ♄ 30'57		min. Earth dist.	-1655 May 15 j 16:24	12° ♄ 02'38	0.55879 AU
min. Earth dist.	-1656 Jun 03 j 02:49	1° ♄ 39'33	0.57407 AU	inferior conj	-1655 May 17 j 15:12	10° ♄ 53'23	-3°18'38
	-1656 Jun 05 j 14:40	30° ♄		minimum elong	-1655 May 17 j 08:29	11° ♄ 03'21	3°16'57
inferior conj	-1656 Jun 06 j 02:51	29° ♄ 39'30	-4°17'09	morning rise	-1655 May 26 j 07:36	6° ♄ 56'50	
minimum elong	-1656 Jun 05 j 22:47	29° ♄ 46'21	4°16'37	direct	-1655 May 28 j 22:32	6° ♄ 39'56	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning max el	-1655 Jun 08 j 09:45	11°  30'47	20°16'05			-1654 May 27 j 17:24	0° 	
asc. node	-1655 Jun 20 j 21:41	29°  14'33		asc. node		-1654 Jun 07 j 18:44	18°  41'08	
	-1655 Jun 21 j 07:31	0°  II		morning set		-1654 Jun 11 j 05:15	25°  39'18	
morning set	-1655 Jun 26 j 20:25	10°  II51'08				-1654 Jun 13 j 07:11	0°  II	
superior conj	-1655 Jul 04 j 13:55	26°  II39'14	1°43'28	superior conj		-1654 Jun 18 j 13:32	11°  II04'23	1°32'21
minimum elong	-1655 Jul 04 j 12:17	26°  II31'00	1°43'24	minimum elong		-1654 Jun 18 j 11:08	10°  II51'48	1°32'08
	-1655 Jul 06 j 05:59	0°  ☿		max. Earth dist.		-1654 Jun 22 j 05:26	18°  II36'21	1.34921 AU
max. Earth dist.	-1655 Jul 09 j 16:14	6°  ☿42'26	1.36468 AU	evening rise		-1654 Jun 26 j 18:29	27°  II34'07	
evening rise	-1655 Jul 13 j 15:55	14°  ☿12'08				-1654 Jun 28 j 01:08	0°  ☿	
	-1655 Jul 22 j 17:58	0°  ♊				-1654 Jul 16 j 00:21	0°  ♊	
desc. node	-1655 Jul 31 j 16:59	13°  ♊55'22		desc. node		-1654 Jul 18 j 14:00	3°  ♊39'41	
	-1655 Aug 12 j 18:21	0°  ♋		evening max el		-1654 Jul 31 j 22:50	19°  ♊42'16	26°51'39
evening max el	-1655 Aug 18 j 11:18	6°  ♋11'45	25°57'56	retrograde		-1654 Aug 14 j 01:19	27°  ♊00'29	
retrograde	-1655 Aug 30 j 21:52	13°  ♋17'50		evening set		-1654 Aug 20 j 19:50	24°  ♊14'03	
evening set	-1655 Sep 06 j 03:48	10°  ♋39'31		min. Earth dist.		-1654 Aug 24 j 18:08	20°  ♊14'57	0.65598 AU
min. Earth dist.	-1655 Sep 10 j 09:34	6°  ♋02'49	0.66592 AU	inferior conj		-1654 Aug 26 j 14:01	18°  ♊06'21	-2°36'24
inferior conj	-1655 Sep 11 j 16:55	4°  ♋24'05	-1°43'39	minimum elong		-1654 Aug 26 j 17:42	17°  ♊55'32	2°35'07
minimum elong	-1655 Sep 11 j 19:27	4°  ♋16'06	1°42'38	morning rise		-1654 Sep 01 j 16:03	12°  ♊25'42	
	-1655 Sep 15 j 13:31	30°  ♋♊		asc. node		-1654 Sep 03 j 17:55	11°  ♊43'16	
asc. node	-1655 Sep 16 j 20:51	28°  ♋54'59		direct		-1654 Sep 04 j 13:18	11°  ♋39'38	
morning rise	-1655 Sep 17 j 11:20	28°  ♋30'48		morning max el		-1654 Sep 11 j 04:04	15°  ♋17'15	18°24'13
direct	-1655 Sep 20 j 16:18	27°  ♋31'37				-1654 Sep 21 j 19:30	0°  ♋	
	-1655 Sep 26 j 02:20	0°  ♋		morning set		-1654 Sep 30 j 14:29	14°  ♋14'20	
morning max el	-1655 Sep 27 j 15:54	1°  ♋27'46	19°05'08			-1654 Oct 10 j 09:06	0°  ♌	
	-1655 Oct 17 j 13:08	0°  ♌		desc. node		-1654 Oct 14 j 13:25	6°  ♌38'10	
morning set	-1655 Oct 20 j 04:00	4°  ♌06'40						
desc. node	-1655 Oct 27 j 16:22	15°  ♌54'14		superior conj		-1654 Oct 15 j 17:46	8°  ♌30'07	-0°07'40
max. Earth dist.	-1655 Nov 03 j 20:13	27°  ♌09'31	1.44769 AU	minimum elong		-1654 Oct 15 j 16:45	8°  ♌26'07	0°07'33
				behind sun begin		-1654 Oct 15 j 06:42	7°  ♌46'26	
superior conj	-1655 Nov 05 j 17:39	0°  ♌08'49	-0°56'24	behind sun end		-1654 Oct 16 j 02:48	9°  ♌05'47	
minimum elong	-1655 Nov 05 j 10:52	29°  ♌42'03	0°55'35	max. Earth dist.		-1654 Oct 17 j 14:23	11°  ♌25'59	1.44918 AU
	-1655 Nov 05 j 15:25	0°  ♌				-1654 Oct 29 j 10:17	0°  ♌	
evening rise	-1655 Nov 20 j 20:01	24°  ♌24'22		evening rise		-1654 Nov 01 j 03:08	4°  ♌14'36	
	-1655 Nov 24 j 06:03	0°  ♌♌		greatest brilliancy		-1654 Nov 11 j 13:19	20°  ♌33'19	-0.8m
evening max el	-1655 Dec 11 j 01:09	24°  ♌49'40	18°37'59			-1654 Nov 17 j 20:52	0°  ♌	
asc. node	-1655 Dec 13 j 20:04	27°  ♌12'38		evening max el		-1654 Nov 24 j 10:12	8°  ♌16'19	19°19'18
retrograde	-1655 Dec 17 j 17:09	28°  ♌32'57		asc. node		-1654 Nov 30 j 17:06	12°  ♌18'28	
evening set	-1655 Dec 20 j 18:48	27°  ♌39'59		retrograde		-1654 Dec 01 j 13:05	12°  ♌22'23	
inferior conj	-1655 Dec 26 j 15:10	22°  ♌02'21	3°28'40	evening set		-1654 Dec 04 j 21:20	11°  ♌17'11	
minimum elong	-1655 Dec 26 j 12:31	22°  ♌10'17	3°28'08	inferior conj		-1654 Dec 10 j 12:01	5°  ♌24'24	2°55'49
min. Earth dist.	-1655 Dec 28 j 12:39	19°  ♌46'41	0.64796 AU	minimum elong		-1654 Dec 10 j 09:04	5°  ♌33'51	2°54'57
morning rise	-1654 Jan 01 j 05:49	15°  ♌56'04		min. Earth dist.		-1654 Dec 11 j 19:12	3°  ♌44'26	0.66021 AU
direct	-1654 Jan 08 j 00:37	13°  ♌03'58				-1654 Dec 15 j 00:46	30°  ♌♌	
morning max el	-1654 Jan 21 j 08:33	20°  ♌46'55	27°09'43	morning rise		-1654 Dec 15 j 20:31	29°  ♌13'19	
desc. node	-1654 Jan 23 j 15:34	23°  ♌10'46		direct		-1654 Dec 22 j 04:03	26°  ♌26'49	
	-1654 Jan 29 j 08:56	0°  ♌				-1654 Dec 30 j 10:20	0°  ♌	
	-1654 Feb 18 j 00:53	0°  ♌		morning max el		-1653 Jan 03 j 18:05	3°  ♌52'04	26°09'51
morning set	-1654 Feb 25 j 20:47	14°  ♌27'25		desc. node		-1653 Jan 10 j 12:39	11°  ♌32'09	
max. Earth dist.	-1654 Mar 02 j 12:43	23°  ♌45'12	1.33993 AU			-1653 Jan 23 j 17:35	0°  ♌	
	-1654 Mar 05 j 13:07	0°  ♌		morning set		-1653 Feb 08 j 22:36	27°  ♌29'09	
						-1653 Feb 10 j 06:46	0°  ♌	
superior conj	-1654 Mar 06 j 01:14	1°  ♌03'38	-0°57'22	max. Earth dist.		-1653 Feb 12 j 22:46	5°  ♌06'51	1.35374 AU
minimum elong	-1654 Mar 06 j 03:51	1°  ♌17'21	0°56'54					
asc. node	-1654 Mar 11 j 19:25	13°  ♌15'22		superior conj		-1653 Feb 17 j 22:27	15°  ♌03'15	-1°21'16
evening rise	-1654 Mar 13 j 09:45	16°  ♌36'44		minimum elong		-1653 Feb 18 j 01:52	15°  ♌20'35	1°20'47
	-1654 Mar 20 j 03:46	0°  ♌				-1653 Feb 25 j 04:19	0°  ♌	
evening max el	-1654 Apr 03 j 01:00	19°  ♌47'12	21°50'23	evening rise		-1653 Feb 25 j 17:17	1°  ♌06'35	
retrograde	-1654 Apr 15 j 12:29	25°  ♌51'45		asc. node		-1653 Feb 26 j 16:28	3°  ♌04'57	
evening set	-1654 Apr 18 j 03:16	25°  ♌36'25				-1653 Mar 15 j 05:48	0°  ♌	
desc. node	-1654 Apr 21 j 14:40	24°  ♌33'06		evening max el		-1653 Mar 16 j 05:28	0°  ♌59'08	20°28'16
min. Earth dist.	-1654 Apr 27 j 05:44	21°  ♌42'09	0.55103 AU	retrograde		-1653 Mar 27 j 02:02	6°  ♌10'44	
inferior conj	-1654 Apr 27 j 12:52	21°  ♌32'08	-1°39'09	evening set		-1653 Mar 29 j 06:48	5°  ♌58'51	
minimum elong	-1654 Apr 27 j 08:21	21°  ♌38'29	1°37'36	inferior conj		-1653 Apr 07 j 08:25	2°  ♌01'12	0°19'15
morning rise	-1654 May 06 j 14:31	17°  ♌34'25		minimum elong		-1653 Apr 07 j 09:18	1°  ♌59'55	0°18'57
direct	-1654 May 09 j 11:20	17°  ♌16'11		desc. node		-1653 Apr 08 j 11:42	1°  ♌21'21	
morning max el	-1654 May 21 j 14:45	22°  ♌59'27	21°40'50	min. Earth dist.		-1653 Apr 08 j 19:47	1°  ♌09'37	0.55275 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1653 Apr 10 j 21:29	30° K		desc. node	-1652 Mar 25 j 08:47	8° K 21'02	
morning rise	-1653 Apr 16 j 10:21	27° K 43'35		morning rise	-1652 Mar 26 j 06:22	8° K 00'40	
direct	-1653 Apr 19 j 23:44	27° K 16'01		direct	-1652 Mar 30 j 22:20	7° K 11'00	
	-1653 Apr 28 j 13:34	0° Y		morning max el	-1652 Apr 14 j 01:10	14° K 21'56	24°57'34
morning max el	-1653 May 03 j 10:21	3° Y 50'21	23°18'20		-1652 Apr 26 j 08:50	0° Y	
	-1653 May 21 j 10:14	0° B		morning set	-1652 May 10 j 04:40	25° Y 36'26	
asc. node	-1653 May 25 j 15:49	8° B 27'25		asc. node	-1652 May 11 j 12:53	28° Y 27'09	
morning set	-1653 May 26 j 16:35	10° B 36'20			-1652 May 12 j 06:14	0° B	
superior conj	-1653 Jun 02 j 19:19	25° B 48'36	1°16'18	superior conj	-1652 May 17 j 04:53	10° B 43'58	0°56'29
minimum elong	-1653 Jun 02 j 16:45	25° B 34'56	1°15'57	minimum elong	-1652 May 17 j 02:41	10° B 32'03	0°56'07
	-1653 Jun 04 j 18:35	0° II		max. Earth dist.	-1652 May 18 j 11:41	13° B 31'06	1.32958 AU
max. Earth dist.	-1653 Jun 05 j 04:26	0° II 51'59	1.33751 AU	evening rise	-1652 May 24 j 10:03	26° B 03'06	
evening rise	-1653 Jun 10 j 09:48	11° II 35'05			-1652 May 26 j 09:00	0° II	
	-1653 Jun 20 j 08:11	0° E			-1652 Jun 12 j 19:10	0° E	
desc. node	-1653 Jul 05 j 11:00	22° E 48'39		desc. node	-1652 Jun 21 j 08:00	11° E 07'30	
	-1653 Jul 11 j 11:54	0° O		evening max el	-1652 Jun 25 j 19:08	15° E 49'38	27°21'21
evening max el	-1653 Jul 14 j 10:10	2° O 59'16	27°21'28	retrograde	-1652 Jul 09 j 14:34	23° E 09'28	
retrograde	-1653 Jul 27 j 23:11	10° O 20'40		evening set	-1652 Jul 16 j 18:34	20° E 40'37	
evening set	-1653 Aug 04 j 01:58	7° O 36'29		min. Earth dist.	-1652 Jul 20 j 08:29	17° E 45'32	0.62521 AU
min. Earth dist.	-1653 Aug 07 j 18:17	4° O 12'54	0.64236 AU	inferior conj	-1652 Jul 23 j 06:38	14° E 58'25	-4°04'35
inferior conj	-1653 Aug 10 j 03:33	1° O 39'58	-3°24'41	minimum elong	-1652 Jul 23 j 10:37	14° E 48'53	4°03'49
minimum elong	-1653 Aug 10 j 07:53	1° O 28'23	3°23'29	morning rise	-1652 Jul 30 j 03:53	9° E 52'36	
	-1653 Aug 11 j 17:44	30° R E		direct	-1652 Aug 01 j 17:01	9° E 23'13	
morning rise	-1653 Aug 16 j 14:35	26° E 15'05		asc. node	-1652 Aug 07 j 12:07	11° E 57'29	
direct	-1653 Aug 19 j 06:36	25° E 38'43		morning max el	-1652 Aug 08 j 10:08	12° E 48'25	17°54'44
asc. node	-1653 Aug 21 j 15:01	26° E 07'08			-1652 Aug 20 j 01:46	0° O	
morning max el	-1653 Aug 25 j 19:03	29° E 06'03	18°00'25	morning set	-1652 Aug 24 j 16:35	8° O 12'38	
	-1653 Aug 26 j 15:35	0° O					
morning set	-1653 Sep 12 j 04:23	25° O 41'19		superior conj	-1652 Sep 04 j 22:17	27° O 54'06	1°15'11
	-1653 Sep 14 j 17:15	0° M		minimum elong	-1652 Sep 05 j 03:31	28° O 16'21	1°14'39
superior conj	-1653 Sep 25 j 06:53	17° M 32'50	0°39'22		-1652 Sep 06 j 04:03	0° M	
minimum elong	-1653 Sep 25 j 11:07	17° M 49'58	0°38'49	max. Earth dist.	-1652 Sep 11 j 22:14	9° M 31'55	1.43129 AU
max. Earth dist.	-1653 Sep 30 j 07:54	25° M 38'48	1.44346 AU	desc. node	-1652 Sep 17 j 07:26	18° M 09'22	
desc. node	-1653 Oct 01 j 10:26	27° M 24'06		evening rise	-1652 Sep 19 j 20:42	22° M 09'44	
	-1653 Oct 03 j 01:53	0° A			-1652 Sep 24 j 22:48	0° A	
evening rise	-1653 Oct 11 j 14:23	13° A 16'35		evening max el	-1652 Oct 16 j 00:01	0° M	
	-1653 Oct 22 j 13:43	0° M		retrograde	-1652 Oct 20 j 13:00	5° M 11'29	21°24'59
evening max el	-1653 Nov 07 j 14:32	21° M 43'50	20°15'57	evening set	-1652 Oct 29 j 07:24	10° M 23'48	
retrograde	-1653 Nov 15 j 10:30	26° M 20'07		asc. node	-1652 Nov 02 j 11:09	8° M 47'21	
asc. node	-1653 Nov 17 j 14:11	25° M 53'28		inferior conj	-1652 Nov 03 j 11:16	7° M 54'50	
evening set	-1653 Nov 19 j 03:26	25° M 00'26		minimum elong	-1652 Nov 07 j 19:49	2° M 33'32	1°27'35
inferior conj	-1653 Nov 24 j 14:17	18° M 55'31	2°14'40	min. Earth dist.	-1652 Nov 07 j 17:55	2° M 40'04	1°26'49
minimum elong	-1653 Nov 24 j 11:39	19° M 04'24	2°13'43		-1652 Nov 08 j 02:44	2° M 09'41	0.67383 AU
min. Earth dist.	-1653 Nov 25 j 08:39	17° M 53'48	0.66875 AU	morning rise	-1652 Nov 09 j 17:10	30° R A	
morning rise	-1653 Nov 29 j 19:39	12° M 41'57		direct	-1652 Nov 13 j 00:31	26° A 19'42	
direct	-1653 Dec 05 j 12:55	10° M 10'48			-1652 Nov 18 j 02:27	24° A 09'22	
morning max el	-1653 Dec 05 j 12:55	10° M 10'48			-1652 Nov 28 j 03:28	0° M	
	-1653 Dec 17 j 02:33	17° M 04'09	24°51'37	morning max el	-1652 Nov 28 j 11:34	0° M 20'18	23°24'59
	-1653 Dec 27 j 21:48	0° X		desc. node	-1652 Dec 14 j 06:46	20° M 21'17	
desc. node	-1653 Dec 28 j 09:43	0° X 40'06			-1652 Dec 20 j 19:49	0° X	
	-1652 Jan 16 j 17:31	0° B		morning set	-1651 Jan 02 j 12:30	20° X 16'31	
morning set	-1652 Jan 22 j 05:56	9° B 30'55		max. Earth dist.	-1651 Jan 06 j 17:34	27° X 29'37	1.39247 AU
max. Earth dist.	-1652 Jan 25 j 22:10	16° B 09'36	1.37178 AU		-1651 Jan 08 j 03:49	0° B	
superior conj	-1652 Feb 01 j 09:43	28° B 28'20	-1°41'27	superior conj	-1651 Jan 14 j 07:00	11° B 08'05	-1°55'11
minimum elong	-1652 Feb 01 j 13:11	28° B 45'15	1°41'07	minimum elong	-1651 Jan 14 j 09:14	11° B 18'28	1°55'07
	-1652 Feb 02 j 04:26	0° A		evening rise	-1651 Jan 23 j 13:51	28° B 53'19	
evening rise	-1652 Feb 09 j 19:31	15° A 14'20			-1651 Jan 24 j 03:39	0° A	
asc. node	-1652 Feb 13 j 13:30	22° A 36'48		asc. node	-1651 Jan 30 j 10:32	11° A 44'46	
	-1652 Feb 17 j 14:00	0° K		evening max el	-1651 Feb 08 j 21:50	25° A 11'00	18°38'26
evening max el	-1652 Feb 26 j 20:55	12° K 47'59	19°23'29	retrograde	-1651 Feb 16 j 17:59	28° A 59'53	
retrograde	-1652 Mar 07 j 00:55	17° K 10'55		evening set	-1651 Feb 19 j 04:16	28° A 39'15	
evening set	-1652 Mar 09 j 06:57	16° K 56'16		inferior conj	-1651 Feb 26 j 18:40	24° A 13'20	3°13'25
inferior conj	-1652 Mar 17 j 15:40	12° K 49'00	2°03'24	minimum elong	-1651 Feb 26 j 22:44	24° A 05'31	3°12'35
minimum elong	-1652 Mar 17 j 20:02	12° K 41'48	2°02'06	min. Earth dist.	-1651 Mar 02 j 03:36	21° A 39'40	0.58077 AU
min. Earth dist.	-1652 Mar 20 j 10:33	10° K 59'46	0.56351 AU	morning rise	-1651 Mar 06 j 14:36	18° A 55'20	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

direct	-1651 Mar 12 j 09:58	17° \approx 31'11			-1650 Feb 16 j 20:40	30° \approx 31'11	
desc. node	-1651 Mar 12 j 05:51	17° \approx 31'16		direct	-1650 Feb 22 j 09:43	28° \approx 34'07	
morning max el	-1651 Mar 26 j 17:33	25° \approx 03'18	26°23'27	desc. node	-1650 Feb 27 j 02:55	29° \approx 31'54	
	-1651 Mar 31 j 07:17	0° \approx			-1650 Feb 28 j 04:39	0° \approx	
	-1651 Apr 19 j 10:10	0° \approx		morning max el	-1650 Mar 08 j 15:40	6° \approx 18'05	27°22'01
morning set	-1651 Apr 24 j 15:50	10° \approx 33'37			-1650 Mar 26 j 09:50	0° \approx	
asc. node	-1651 Apr 28 j 09:54	18° \approx 35'11		morning set	-1650 Apr 09 j 00:21	25° \approx 21'53	
					-1650 Apr 11 j 05:18	0° \approx	
superior conj	-1651 May 01 j 16:19	25° \approx 43'50	0°33'52	asc. node	-1650 Apr 15 j 06:54	8° \approx 47'23	
minimum elong	-1651 May 01 j 14:52	25° \approx 35'56	0°33'35	max. Earth dist.	-1650 Apr 15 j 12:50	9° \approx 19'45	1.32446 AU
max. Earth dist.	-1651 May 01 j 23:44	26° \approx 24'31	1.32527 AU				
	-1651 May 03 j 15:08	0° \approx		superior conj	-1650 Apr 16 j 03:57	10° \approx 42'31	0°09'16
evening rise	-1651 May 08 j 16:17	10° \approx 48'12		minimum elong	-1650 Apr 16 j 03:32	10° \approx 40'14	0°09'10
	-1651 May 18 j 15:18	0° \approx		behind sun begin	-1650 Apr 15 j 23:25	10° \approx 17'41	
evening max el	-1651 Jun 07 j 22:55	28° \approx 00'08	26°48'11	behind sun end	-1650 Apr 16 j 07:39	11° \approx 02'47	
desc. node	-1651 Jun 08 j 05:02	28° \approx 14'38		evening rise	-1650 Apr 23 j 02:12	25° \approx 42'41	
	-1651 Jun 10 j 04:26	0° \approx			-1650 Apr 25 j 03:43	0° \approx	
retrograde	-1651 Jun 21 j 22:29	5° \approx 17'33			-1650 May 12 j 16:26	0° \approx	
evening set	-1651 Jun 28 j 17:11	3° \approx 17'27		evening max el	-1650 May 20 j 19:58	9° \approx 26'21	25°44'08
min. Earth dist.	-1651 Jul 02 j 12:24	0° \approx 37'35	0.60544 AU	desc. node	-1650 May 26 j 02:03	13° \approx 40'59	
	-1651 Jul 03 j 06:54	30° \approx 11		retrograde	-1650 Jun 03 j 21:35	16° \approx 39'36	
inferior conj	-1651 Jul 05 j 19:43	27° \approx 52'11	-4°29'58	evening set	-1650 Jun 09 j 18:01	15° \approx 17'40	
minimum elong	-1651 Jul 05 j 21:47	27° \approx 47'51	4°29'47	min. Earth dist.	-1650 Jun 14 j 08:14	12° \approx 35'08	0.58497 AU
morning rise	-1651 Jul 13 j 04:14	23° \approx 08'11		inferior conj	-1650 Jun 17 j 15:16	10° \approx 12'16	-4°31'36
direct	-1651 Jul 15 j 16:27	22° \approx 43'51		minimum elong	-1650 Jun 17 j 13:39	10° \approx 15'12	4°31'29
morning max el	-1651 Jul 22 j 22:25	26° \approx 16'30	18°08'08	morning rise	-1650 Jun 25 j 11:55	5° \approx 50'32	
asc. node	-1651 Jul 25 j 09:10	28° \approx 58'24		direct	-1650 Jun 28 j 00:23	5° \approx 30'05	
	-1651 Jul 26 j 04:28	0° \approx		morning max el	-1650 Jul 06 j 04:57	9° \approx 22'11	18°41'33
morning set	-1651 Aug 07 j 21:11	21° \approx 31'19		asc. node	-1650 Jul 12 j 06:12	16° \approx 55'13	
	-1651 Aug 12 j 10:15	0° \approx			-1650 Jul 19 j 18:01	0° \approx	
				morning set	-1650 Jul 22 j 13:39	5° \approx 25'33	
superior conj	-1651 Aug 17 j 16:19	9° \approx 34'31	1°37'18				
minimum elong	-1651 Aug 17 j 19:48	9° \approx 50'04	1°37'04	superior conj	-1650 Jul 31 j 07:53	22° \approx 19'51	1°47'05
max. Earth dist.	-1651 Aug 25 j 06:59	22° \approx 47'32	1.41419 AU	minimum elong	-1650 Jul 31 j 08:59	22° \approx 24'59	1°47'05
	-1651 Aug 29 j 15:29	0° \approx			-1650 Aug 04 j 11:23	0° \approx	
evening rise	-1651 Aug 30 j 16:25	1° \approx 41'02		max. Earth dist.	-1650 Aug 07 j 10:21	5° \approx 17'31	1.39456 AU
desc. node	-1651 Sep 04 j 04:26	8° \approx 50'09		evening rise	-1650 Aug 11 j 12:20	12° \approx 21'09	
	-1651 Sep 18 j 09:47	0° \approx		desc. node	-1650 Aug 22 j 01:25	29° \approx 02'31	
evening max el	-1651 Oct 03 j 05:43	18° \approx 39'06	22°42'30		-1650 Aug 22 j 11:11	0° \approx	
retrograde	-1651 Oct 13 j 02:10	24° \approx 30'13			-1650 Sep 13 j 16:52	0° \approx	
evening set	-1651 Oct 17 j 18:41	22° \approx 35'27		evening max el	-1650 Sep 15 j 18:22	2° \approx 08'56	24°02'56
asc. node	-1651 Oct 21 j 08:19	18° \approx 40'02		retrograde	-1650 Sep 26 j 17:40	8° \approx 36'14	
inferior conj	-1651 Oct 23 j 02:39	16° \approx 16'14	0°36'20	evening set	-1650 Oct 02 j 00:22	6° \approx 22'55	
minimum elong	-1651 Oct 23 j 01:48	16° \approx 19'09	0°35'58	inferior conj	-1650 Oct 07 j 09:06	0° \approx 02'06	-0°17'29
min. Earth dist.	-1651 Oct 22 j 23:03	16° \approx 28'40	0.67565 AU	minimum elong	-1650 Oct 07 j 09:31	0° \approx 00'41	0°17'18
morning rise	-1651 Oct 28 j 08:50	10° \approx 04'27		min. Earth dist.	-1650 Oct 06 j 19:13	0° \approx 49'08	0.67434 AU
direct	-1651 Nov 01 j 19:54	8° \approx 16'32			-1650 Oct 07 j 09:43	30° \approx 11	
morning max el	-1651 Nov 11 j 00:20	13° \approx 42'13	21°59'10	asc. node	-1650 Oct 08 j 05:22	28° \approx 53'49	
	-1651 Nov 23 j 23:11	0° \approx		morning rise	-1650 Oct 12 j 18:39	23° \approx 55'01	
desc. node	-1651 Dec 01 j 03:48	10° \approx 26'02		direct	-1650 Oct 16 j 16:23	22° \approx 28'16	
morning set	-1651 Dec 13 j 14:07	29° \approx 38'07		morning max el	-1650 Oct 24 j 19:36	27° \approx 12'48	20°41'16
	-1651 Dec 13 j 19:35	0° \approx			-1650 Oct 27 j 08:33	0° \approx	
max. Earth dist.	-1651 Dec 19 j 16:23	9° \approx 36'17	1.41310 AU		-1650 Nov 17 j 12:22	0° \approx	
				desc. node	-1650 Nov 18 j 00:49	0° \approx 47'32	
superior conj	-1651 Dec 27 j 09:08	22° \approx 49'28	-1°58'55	morning set	-1650 Nov 22 j 16:05	7° \approx 56'33	
minimum elong	-1651 Dec 27 j 08:20	22° \approx 45'55	1°58'57	max. Earth dist.	-1650 Dec 01 j 22:07	22° \approx 36'04	1.43089 AU
	-1651 Dec 31 j 09:21	0° \approx			-1650 Dec 06 j 10:40	0° \approx	
evening rise	-1650 Jan 06 j 21:00	11° \approx 55'55					
asc. node	-1650 Jan 17 j 07:34	0° \approx 21'08		superior conj	-1650 Dec 08 j 10:39	3° \approx 19'41	-1°48'21
	-1650 Jan 17 j 02:09	0° \approx		minimum elong	-1650 Dec 08 j 05:28	2° \approx 58'02	1°48'03
evening max el	-1650 Jan 23 j 05:32	8° \approx 00'46	18°13'32	evening rise	-1650 Dec 20 j 13:00	24° \approx 13'25	
retrograde	-1650 Jan 30 j 05:17	11° \approx 31'31			-1650 Dec 23 j 19:27	0° \approx	
evening set	-1650 Feb 01 j 19:38	11° \approx 03'16		asc. node	-1649 Jan 04 j 04:36	18° \approx 15'37	
inferior conj	-1650 Feb 08 j 18:14	6° \approx 16'18	3°48'17	evening max el	-1649 Jan 06 j 17:04	21° \approx 08'36	18°08'19
minimum elong	-1650 Feb 08 j 20:01	6° \approx 12'20	3°48'07	retrograde	-1649 Jan 13 j 06:53	24° \approx 34'58	
min. Earth dist.	-1650 Feb 12 j 01:58	3° \approx 20'06	0.60106 AU	evening set	-1649 Jan 16 j 01:07	23° \approx 58'03	
morning rise	-1650 Feb 15 j 18:31	0° \approx 36'41		inferior conj	-1649 Jan 22 j 11:15	18° \approx 50'15	3°55'25

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1649 Jan 22 j 10:41	18° S 51'41	3°55'23	min. Earth dist.	-1648 Jan 08 j 00:08	29° S 14'24	0.63928 AU
min. Earth dist.	-1649 Jan 25 j 08:17	15° S 55'43	0.62132 AU	morning rise	-1648 Jan 11 j 13:39	25° S 45'39	
morning rise	-1649 Jan 28 j 19:08	12° S 56'54		direct	-1648 Jan 18 j 12:49	22° S 55'51	
direct	-1649 Feb 04 j 19:24	10° S 23'26			-1648 Jan 31 j 10:11	0° S	
desc. node	-1649 Feb 13 j 23:59	14° S 02'12		desc. node	-1648 Jan 31 j 21:03	0° S 26'23	
morning max el	-1649 Feb 18 j 19:43	18° S 12'38	27°45'11	morning max el	-1648 Feb 01 j 03:48	0° S 43'03	27°32'00
	-1649 Feb 28 j 18:12	0° \approx			-1648 Feb 22 j 19:14	0° \approx	
	-1649 Mar 19 j 03:32	0° H		morning set	-1648 Mar 07 j 00:39	23° \approx 57'28	
morning set	-1649 Mar 24 j 04:08	9° H 52'38			-1648 Mar 10 j 00:37	0° H	
max. Earth dist.	-1649 Mar 29 j 22:54	22° H 01'08	1.32728 AU	max. Earth dist.	-1648 Mar 12 j 02:10	4° H 16'31	1.33412 AU
superior conj	-1649 Mar 31 j 14:04	25° H 32'57	-0°16'35	superior conj	-1648 Mar 14 j 20:56	10° H 09'11	-0°42'40
minimum elong	-1649 Mar 31 j 14:50	25° H 37'08	0°16'26	minimum elong	-1648 Mar 14 j 22:54	10° H 19'44	0°42'17
asc. node	-1649 Apr 02 j 03:55	28° H 58'44		asc. node	-1648 Mar 19 j 00:58	19° H 05'14	
	-1649 Apr 02 j 15:11	0° Y		evening rise	-1648 Mar 22 j 01:13	25° H 29'09	
evening rise	-1649 Apr 07 j 13:45	10° Y 38'23			-1648 Mar 24 j 05:29	0° Y	
	-1649 Apr 17 j 13:25	0° B			-1648 Apr 12 j 05:49	0° B	
evening max el	-1649 May 02 j 11:51	20° B 16'39	24°17'56	evening max el	-1648 Apr 13 j 03:56	0° B 54'48	22°43'08
desc. node	-1649 May 12 j 23:05	26° B 49'40		retrograde	-1648 Apr 26 j 08:06	7° B 24'07	
retrograde	-1649 May 16 j 09:23	27° B 16'38		desc. node	-1648 Apr 28 j 20:08	7° B 10'19	
evening set	-1649 May 20 j 21:14	26° B 31'26		evening set	-1648 Apr 29 j 12:04	7° B 02'12	
min. Earth dist.	-1649 May 26 j 23:28	23° B 30'33	0.56681 AU	min. Earth dist.	-1648 May 07 j 12:54	3° B 31'41	0.55447 AU
inferior conj	-1649 May 29 j 14:48	21° B 50'34	-3°57'46	inferior conj	-1648 May 08 j 19:48	2° B 47'25	-2°40'39
minimum elong	-1649 May 29 j 09:11	21° B 59'29	3°56'44	minimum elong	-1648 May 08 j 13:23	2° B 56'39	2°38'44
morning rise	-1649 Jun 07 j 00:06	17° B 47'07			-1648 May 14 j 04:21	30° R Y	
direct	-1649 Jun 09 j 13:33	17° B 29'28		morning rise	-1648 May 17 j 16:47	28° Y 52'11	
morning max el	-1649 Jun 19 j 02:50	21° B 55'21	19°35'41	direct	-1648 May 20 j 09:29	28° Y 35'13	
	-1649 Jun 25 j 16:52	0° II			-1648 May 26 j 05:36	0° B	
asc. node	-1649 Jun 29 j 03:14	5° II 34'42		morning max el	-1648 May 31 j 14:02	3° B 47'57	20°50'02
morning set	-1649 Jul 06 j 14:28	19° II 46'13		asc. node	-1648 Jun 15 j 00:17	24° B 46'38	
	-1649 Jul 11 j 16:17	0° S			-1648 Jun 17 j 16:29	0° II	
				morning set	-1648 Jun 19 j 21:01	4° II 26'13	
superior conj	-1649 Jul 14 j 15:20	5° S 53'49	1°47'02	superior conj	-1648 Jun 27 j 10:05	20° II 03'11	1°39'25
minimum elong	-1649 Jul 14 j 14:29	5° S 49'38	1°47'03	minimum elong	-1648 Jun 27 j 08:02	19° II 52'41	1°39'18
max. Earth dist.	-1649 Jul 20 j 12:56	17° S 13'25	1.37500 AU	max. Earth dist.	-1648 Jul 01 j 21:18	29° II 02'12	1.35769 AU
evening rise	-1649 Jul 24 j 09:03	24° S 13'31			-1648 Jul 02 j 09:05	0° S	
	-1649 Jul 27 j 16:09	0° Q		evening rise	-1648 Jul 06 j 02:13	7° S 06'49	
desc. node	-1649 Aug 08 j 22:25	19° Q 41'42			-1648 Jul 19 j 09:14	0° Q	
	-1649 Aug 16 j 03:09	0° P		desc. node	-1648 Jul 25 j 19:26	9° Q 41'02	
evening max el	-1649 Aug 29 j 05:36	15° P 42'45	25°19'16	evening max el	-1648 Aug 10 j 17:08	29° Q 17'10	26°23'28
retrograde	-1649 Sep 10 j 04:54	22° P 37'49			-1648 Aug 11 j 11:07	0° P	
evening set	-1649 Sep 16 j 02:24	20° P 07'44		retrograde	-1648 Aug 23 j 11:10	6° P 29'03	
min. Earth dist.	-1649 Sep 20 j 12:50	15° P 09'21	0.66987 AU	evening set	-1648 Aug 29 j 22:45	3° P 46'37	
inferior conj	-1649 Sep 21 j 13:26	13° P 49'14	-1°12'18		-1648 Sep 02 j 13:56	30° R Q	
minimum elong	-1649 Sep 21 j 15:13	13° P 43'28	1°11'33	min. Earth dist.	-1648 Sep 03 j 01:21	29° Q 25'44	0.66208 AU
asc. node	-1649 Sep 25 j 02:25	9° P 34'49		inferior conj	-1648 Sep 04 j 13:47	27° Q 34'11	-2°06'25
morning rise	-1649 Sep 27 j 04:08	7° P 49'48		minimum elong	-1648 Sep 04 j 16:50	27° Q 24'48	2°05'15
direct	-1649 Sep 30 j 14:34	6° P 41'27		morning rise	-1648 Sep 10 j 11:14	21° Q 45'41	
morning max el	-1649 Oct 07 j 22:21	10° P 52'44	19°35'57		-1648 Sep 10 j 23:30	21° Q 29'25	
	-1649 Oct 22 j 01:23	0° A		asc. node	-1648 Sep 13 j 12:42	20° Q 52'20	
morning set	-1649 Nov 01 j 15:00	16° A 14'30		direct	-1648 Sep 20 j 07:36	24° Q 39'28	18°45'43
desc. node	-1649 Nov 04 j 21:50	21° A 20'56		morning max el	-1648 Sep 24 j 18:18	0° P	
	-1649 Nov 10 j 10:33	0° M			-1648 Oct 11 j 09:26	25° P 34'31	
max. Earth dist.	-1649 Nov 14 j 10:58	6° M 20'33	1.44345 AU	morning set	-1648 Oct 14 j 04:16	0° A	
				desc. node	-1648 Oct 21 j 18:51	12° A 01'42	
superior conj	-1649 Nov 18 j 09:09	12° M 36'03	-1°20'13	superior conj	-1648 Oct 27 j 11:48	21° A 00'41	-0°36'21
minimum elong	-1649 Nov 18 j 01:20	12° M 04'47	1°19'25	minimum elong	-1648 Oct 27 j 07:04	20° A 42'05	0°35'45
	-1649 Nov 29 j 00:39	0° S		max. Earth dist.	-1648 Oct 27 j 04:38	20° A 32'29	1.44923 AU
evening rise	-1649 Dec 02 j 09:26	5° S 37'55			-1648 Nov 02 j 04:36	0° M	
	-1649 Dec 17 j 12:42	0° S		evening rise	-1648 Nov 12 j 06:25	16° M 02'19	
evening max el	-1649 Dec 21 j 05:40	4° S 28'02	18°21'59		-1648 Nov 20 j 23:33	0° S	
asc. node	-1649 Dec 22 j 01:39	5° S 16'20		evening max el	-1648 Dec 03 j 16:42	17° S 52'59	18°53'35
retrograde	-1649 Dec 27 j 18:30	8° S 01'53		asc. node	-1648 Dec 07 j 22:43	21° S 08'21	
evening set	-1649 Dec 30 j 17:10	7° S 15'06		retrograde	-1648 Dec 10 j 12:19	21° S 44'31	
inferior conj	-1648 Jan 05 j 17:50	1° S 47'50	3°42'39	evening set	-1648 Dec 13 j 16:39	20° S 46'25	
minimum elong	-1648 Jan 05 j 15:41	1° S 53'55	3°42'20				
	-1648 Jan 07 j 07:47	30° R S					

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

inferior conj	-1648 Dec 19 j 10:21	15° ♊ 01'59	3°15'54	evening set	-1647 Nov 27 j 20:59	4° ♊ 26'38	
minimum elong	-1648 Dec 19 j 07:29	15° ♊ 10'49	3°15'13		-1647 Dec 02 j 05:25	30° ♋	
min. Earth dist.	-1648 Dec 21 j 01:32	13° ♊ 01'11	0.65369 AU	inferior conj	-1647 Dec 03 j 09:47	28° ♋ 28'01	2°39'12
morning rise	-1648 Dec 24 j 22:01	8° ♊ 53'39		minimum elong	-1647 Dec 03 j 06:54	28° ♋ 37'29	2°38'17
direct	-1648 Dec 31 j 12:38	6° ♊ 02'38		min. Earth dist.	-1647 Dec 04 j 11:13	27° ♋ 04'35	0.66427 AU
morning max el	-1647 Jan 13 j 13:26	13° ♊ 38'44	26°47'06	morning rise	-1647 Dec 08 j 16:37	22° ♋ 15'40	
desc. node	-1647 Jan 17 j 18:07	18° ♊ 11'48		direct	-1647 Dec 14 j 18:13	19° ♋ 35'06	
	-1647 Jan 26 j 20:51	0° ♋		morning max el	-1647 Dec 26 j 22:41	26° ♋ 48'10	25°38'19
	-1647 Feb 14 j 10:50	0° ♋			-1647 Dec 29 j 22:34	0° ♋	
morning set	-1647 Feb 18 j 10:32	7° ♋ 25'45		desc. node	-1646 Jan 04 j 15:11	6° ♋ 54'42	
max. Earth dist.	-1647 Feb 22 j 19:16	15° ♋ 58'11	1.34533 AU		-1646 Jan 20 j 11:48	0° ♋	
				morning set	-1646 Feb 01 j 05:14	20° ♋ 04'04	
superior conj	-1647 Feb 26 j 22:24	24° ♋ 24'22	-1°07'49	max. Earth dist.	-1646 Feb 05 j 00:43	27° ♋ 10'17	1.36098 AU
minimum elong	-1647 Feb 27 j 01:25	24° ♋ 39'59	1°07'19		-1646 Feb 06 j 12:09	0° ♋	
	-1647 Mar 01 j 14:38	0° ♌					
asc. node	-1647 Mar 05 j 22:02	9° ♌ 02'34		superior conj	-1646 Feb 10 j 15:49	8° ♋ 10'24	-1°30'25
evening rise	-1647 Mar 06 j 10:47	10° ♌ 08'44		minimum elong	-1646 Feb 10 j 19:22	8° ♋ 28'11	1°29'59
	-1647 Mar 16 j 23:44	0° ♌		evening rise	-1646 Feb 18 j 16:23	24° ♋ 30'22	
evening max el	-1647 Mar 26 j 02:33	11° ♌ 48'32	21°13'30	asc. node	-1646 Feb 20 j 19:06	28° ♋ 45'34	
retrograde	-1647 Apr 06 j 22:02	17° ♌ 30'45			-1646 Feb 21 j 10:07	0° ♌	
evening set	-1647 Apr 09 j 06:59	17° ♌ 17'45		evening max el	-1646 Mar 08 j 11:36	23° ♌ 15'38	19°58'18
desc. node	-1647 Apr 15 j 17:12	14° ♌ 53'54		retrograde	-1646 Mar 18 j 14:32	28° ♌ 05'47	
inferior conj	-1647 Apr 18 j 14:47	13° ♌ 18'28	-0°49'12	evening set	-1646 Mar 20 j 18:54	27° ♌ 53'17	
minimum elong	-1647 Apr 18 j 12:28	13° ♌ 21'45	0°48'22	inferior conj	-1646 Mar 29 j 13:52	23° ♌ 52'42	1°06'53
min. Earth dist.	-1647 Apr 19 j 02:11	13° ♌ 02'24	0.55064 AU	minimum elong	-1646 Mar 29 j 16:41	23° ♌ 48'23	1°05'55
morning rise	-1647 Apr 27 j 18:00	9° ♌ 14'48		min. Earth dist.	-1646 Mar 31 j 16:22	22° ♌ 35'53	0.55630 AU
direct	-1647 Apr 30 j 20:40	8° ♌ 53'47		desc. node	-1646 Apr 02 j 14:16	21° ♌ 29'47	
morning max el	-1647 May 13 j 14:34	14° ♌ 59'07	22°21'19	morning rise	-1646 Apr 07 j 12:21	19° ♌ 22'44	
	-1647 May 25 j 02:45	0° ♍		direct	-1646 Apr 11 j 11:57	18° ♌ 47'46	
asc. node	-1647 Jun 01 j 21:21	14° ♍ 22'54		morning max el	-1646 Apr 25 j 07:33	25° ♌ 39'29	24°01'17
morning set	-1647 Jun 04 j 07:11	19° ♍ 19'40			-1646 Apr 29 j 09:17	0° ♍	
	-1647 Jun 09 j 08:15	0° ♍			-1646 May 17 j 17:01	0° ♍	
superior conj	-1647 Jun 11 j 12:41	4° ♍ 37'58	1°26'04	morning set	-1646 May 19 j 19:04	4° ♍ 19'17	
minimum elong	-1647 Jun 11 j 10:08	4° ♍ 24'32	1°25'47	asc. node	-1646 May 19 j 18:25	4° ♍ 15'51	
max. Earth dist.	-1647 Jun 14 j 15:07	11° ♍ 06'35	1.34378 AU	superior conj	-1646 May 26 j 20:21	19° ♍ 28'16	1°08'19
evening rise	-1647 Jun 19 j 10:47	20° ♍ 47'26		minimum elong	-1646 May 26 j 17:54	19° ♍ 15'01	1°07'56
	-1647 Jun 24 j 07:50	0° ♎		max. Earth dist.	-1646 May 28 j 17:58	23° ♍ 33'04	1.33366 AU
desc. node	-1647 Jul 12 j 16:27	29° ♎ 12'13			-1646 May 31 j 19:25	0° ♎	
	-1647 Jul 13 j 06:39	0° ♎		evening rise	-1646 Jun 03 j 06:18	5° ♎ 01'18	
evening max el	-1647 Jul 24 j 04:52	12° ♎ 43'58	27°07'40		-1646 Jun 16 j 23:41	0° ♎	
retrograde	-1647 Aug 06 j 12:02	20° ♎ 03'38		desc. node	-1646 Jun 29 j 13:29	18° ♎ 02'19	
evening set	-1647 Aug 13 j 10:56	17° ♎ 16'40		evening max el	-1646 Jul 06 j 15:15	25° ♎ 50'26	27°25'12
min. Earth dist.	-1647 Aug 17 j 06:28	13° ♎ 33'22	0.65068 AU		-1646 Jul 11 j 15:54	0° ♎	
inferior conj	-1647 Aug 19 j 07:59	11° ♎ 13'39	-2°57'38	retrograde	-1646 Jul 20 j 07:15	3° ♎ 11'55	
minimum elong	-1647 Aug 19 j 12:01	11° ♎ 02'14	2°56'20	evening set	-1646 Jul 27 j 11:47	0° ♎ 32'10	
morning rise	-1647 Aug 25 j 13:41	5° ♎ 39'24			-1646 Jul 28 j 04:32	30° ♏	
direct	-1647 Aug 28 j 08:31	4° ♎ 57'44		min. Earth dist.	-1646 Jul 31 j 02:17	27° ♎ 22'16	0.63550 AU
asc. node	-1647 Aug 28 j 20:34	4° ♎ 59'06		inferior conj	-1646 Aug 02 j 17:24	24° ♎ 41'25	-3°42'57
morning max el	-1647 Sep 03 j 21:18	8° ♎ 29'34	18°12'00	minimum elong	-1646 Aug 02 j 21:45	24° ♎ 30'20	3°41'53
	-1647 Sep 18 j 13:02	0° ♏		morning rise	-1646 Aug 09 j 08:42	19° ♎ 24'39	
morning set	-1647 Sep 22 j 08:00	6° ♏ 17'34		direct	-1646 Aug 11 j 23:12	18° ♎ 51'36	
				asc. node	-1646 Aug 15 j 17:38	20° ♎ 01'23	
superior conj	-1647 Oct 06 j 14:52	29° ♏ 32'10	0°13'15	morning max el	-1646 Aug 18 j 12:44	22° ♎ 16'47	17°55'46
minimum elong	-1647 Oct 06 j 16:31	29° ♏ 38'43	0°13'01		-1646 Aug 24 j 12:09	0° ♏	
behind sun begin	-1647 Oct 06 j 09:54	29° ♏ 12'26		morning set	-1646 Sep 04 j 08:03	18° ♏ 13'34	
behind sun end	-1647 Oct 06 j 23:07	0° ♏ 04'59			-1646 Sep 11 j 03:59	0° ♏	
	-1647 Oct 06 j 21:51	0° ♏					
desc. node	-1647 Oct 08 j 15:53	2° ♏ 46'46		superior conj	-1646 Sep 16 j 14:26	9° ♏ 06'28	0°56'14
max. Earth dist.	-1647 Oct 09 j 23:25	4° ♏ 51'28	1.44763 AU	minimum elong	-1646 Sep 16 j 19:35	9° ♏ 27'44	0°55'36
evening rise	-1647 Oct 23 j 04:00	25° ♏ 29'15		max. Earth dist.	-1646 Sep 22 j 15:41	18° ♏ 57'11	1.43895 AU
	-1647 Oct 26 j 01:46	0° ♐		desc. node	-1646 Sep 25 j 12:53	23° ♏ 32'47	
greatest brilliancy	-1647 Nov 04 j 14:21	14° ♐ 37'30	-0.7m		-1646 Sep 29 j 15:29	0° ♐	
	-1647 Nov 15 j 18:27	0° ♐		evening rise	-1646 Oct 02 j 10:46	4° ♏ 21'00	
evening max el	-1647 Nov 16 j 23:53	1° ♐ 19'47	19°41'38		-1646 Oct 19 j 13:29	0° ♐	
retrograde	-1647 Nov 24 j 09:15	5° ♐ 37'54		evening max el	-1646 Oct 31 j 01:39	14° ♐ 46'49	20°44'01
asc. node	-1647 Nov 24 j 19:47	5° ♐ 36'48		retrograde	-1646 Nov 08 j 06:46	19° ♐ 38'27	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

asc. node	-1646 Nov 11 j 16:50	18° \mathbb{M} 31'33		evening set	-1645 Oct 27 j 11:46	1° \mathbb{M} 59'18	
evening set	-1646 Nov 12 j 03:59	18° \mathbb{M} 11'56		asc. node	-1645 Oct 29 j 13:52	29° \mathbb{A} 56'33	
inferior conj	-1646 Nov 17 j 13:41	12° \mathbb{M} 02'35	1°55'18		-1645 Oct 29 j 12:39	30° \mathbb{R} \mathbb{A}	
minimum elong	-1646 Nov 17 j 11:19	12° \mathbb{M} 10'39	1°54'25	inferior conj	-1645 Nov 01 j 19:57	25° \mathbb{A} 42'47	1°06'15
min. Earth dist.	-1646 Nov 18 j 03:01	11° \mathbb{M} 17'08	0.67122 AU	minimum elong	-1645 Nov 01 j 18:28	25° \mathbb{A} 47'54	1°05'38
morning rise	-1646 Nov 22 j 18:27	5° \mathbb{M} 48'24		min. Earth dist.	-1645 Nov 01 j 22:24	25° \mathbb{A} 34'18	0.67492 AU
direct	-1646 Nov 28 j 05:06	3° \mathbb{M} 25'48		morning rise	-1645 Nov 07 j 01:01	19° \mathbb{A} 29'16	
morning max el	-1646 Dec 09 j 07:14	10° \mathbb{M} 02'49	24°15'18	direct	-1645 Nov 11 j 20:30	17° \mathbb{A} 28'16	
desc. node	-1646 Dec 22 j 12:14	26° \mathbb{M} 18'17		morning max el	-1645 Nov 21 j 17:16	23° \mathbb{A} 20'22	22°47'52
	-1646 Dec 25 j 03:07	0° \mathbb{A}			-1645 Nov 27 j 13:16	0° \mathbb{M}	
	-1645 Jan 13 j 04:36	0° \mathbb{Z}		desc. node	-1645 Dec 09 j 09:14	16° \mathbb{M} 10'17	
morning set	-1645 Jan 14 j 02:54	1° \mathbb{Z} 36'15			-1645 Dec 18 j 13:08	0° \mathbb{A}	
max. Earth dist.	-1645 Jan 17 j 21:26	8° \mathbb{Z} 16'01	1.38029 AU	morning set	-1645 Dec 25 j 21:16	11° \mathbb{A} 45'41	
				max. Earth dist.	-1645 Dec 30 j 16:51	19° \mathbb{A} 50'39	1.40135 AU
					-1644 Jan 05 j 12:00	0° \mathbb{Z}	
superior conj	-1645 Jan 24 j 21:42	21° \mathbb{Z} 17'58	-1°48'15				
minimum elong	-1645 Jan 25 j 00:50	21° \mathbb{Z} 33'00	1°48'03				
	-1645 Jan 29 j 09:00	0° \mathbb{A}		superior conj	-1644 Jan 07 j 11:27	3° \mathbb{Z} 34'21	-1°58'15
evening rise	-1645 Feb 02 j 15:38	8° \mathbb{A} 27'18		minimum elong	-1644 Jan 07 j 12:38	3° \mathbb{Z} 39'42	1°58'16
asc. node	-1645 Feb 07 j 16:09	18° \mathbb{A} 08'42		evening rise	-1644 Jan 17 j 05:35	21° \mathbb{Z} 51'14	
	-1645 Feb 14 j 19:27	0° \mathbb{H}			-1644 Jan 21 j 13:31	0° \mathbb{A}	
evening max el	-1645 Feb 19 j 07:23	5° \mathbb{H} 20'29	19°01'55	asc. node	-1644 Jan 25 j 13:10	7° \mathbb{A} 04'15	
retrograde	-1645 Feb 27 j 20:46	9° \mathbb{H} 27'12		evening max el	-1644 Feb 02 j 11:36	17° \mathbb{A} 56'13	18°25'31
evening set	-1645 Mar 02 j 04:19	9° \mathbb{H} 10'26		retrograde	-1644 Feb 09 j 21:34	21° \mathbb{A} 35'09	
inferior conj	-1645 Mar 10 j 05:08	4° \mathbb{H} 56'07	2°37'35	evening set	-1644 Feb 12 j 09:44	21° \mathbb{A} 11'24	
minimum elong	-1645 Mar 10 j 09:46	4° \mathbb{H} 47'59	2°36'23	inferior conj	-1644 Feb 19 j 17:03	16° \mathbb{A} 37'00	3°32'04
min. Earth dist.	-1645 Mar 13 j 08:13	2° \mathbb{H} 45'32	0.57018 AU	minimum elong	-1644 Feb 19 j 20:15	16° \mathbb{A} 30'26	3°31'34
	-1645 Mar 18 j 06:24	30° \mathbb{R} \mathbb{A}		min. Earth dist.	-1644 Feb 23 j 03:13	13° \mathbb{A} 50'36	0.58923 AU
morning rise	-1645 Mar 18 j 12:19	29° \mathbb{A} 53'58		morning rise	-1644 Feb 27 j 04:26	11° \mathbb{A} 08'52	
desc. node	-1645 Mar 20 j 11:19	29° \mathbb{A} 15'24		direct	-1644 Mar 04 j 09:44	9° \mathbb{A} 27'49	
direct	-1645 Mar 23 j 16:15	28° \mathbb{A} 50'47		desc. node	-1644 Mar 06 j 08:23	9° \mathbb{A} 37'31	
	-1645 Mar 29 j 02:37	0° \mathbb{H}		morning max el	-1644 Mar 18 j 16:52	17° \mathbb{A} 06'04	26°52'12
morning max el	-1645 Apr 06 j 22:34	6° \mathbb{H} 13'14	25°36'32		-1644 Mar 29 j 08:35	0° \mathbb{H}	
	-1645 Apr 24 j 07:17	0° \mathbb{Y}			-1644 Apr 15 j 16:01	0° \mathbb{Y}	
morning set	-1645 May 04 j 06:58	19° \mathbb{Y} 19'16		morning set	-1644 Apr 17 j 17:12	4° \mathbb{Y} 13'19	
asc. node	-1645 May 06 j 15:28	24° \mathbb{Y} 20'07		asc. node	-1644 Apr 22 j 12:30	14° \mathbb{Y} 30'36	
	-1645 May 09 j 06:06	0° \mathbb{B}					
				superior conj	-1644 Apr 24 j 18:41	19° \mathbb{Y} 27'12	0°23'39
superior conj	-1645 May 11 j 06:57	4° \mathbb{B} 26'56	0°47'13	minimum elong	-1644 Apr 24 j 17:39	19° \mathbb{Y} 21'31	0°23'26
minimum elong	-1645 May 11 j 05:02	4° \mathbb{B} 16'28	0°46'51	max. Earth dist.	-1644 Apr 24 j 16:21	19° \mathbb{Y} 14'24	1.32452 AU
max. Earth dist.	-1645 May 12 j 03:31	6° \mathbb{B} 19'05	1.32732 AU		-1644 Apr 29 j 14:54	0° \mathbb{B}	
evening rise	-1645 May 18 j 09:26	19° \mathbb{B} 37'59		evening rise	-1644 May 01 j 17:29	4° \mathbb{B} 28'17	
	-1645 May 23 j 14:36	0° \mathbb{I}			-1644 May 15 j 09:32	0° \mathbb{I}	
	-1645 Jun 11 j 09:46	0° \mathbb{E}		evening max el	-1644 May 30 j 23:22	20° \mathbb{I} 17'31	26°24'24
desc. node	-1645 Jun 16 j 10:30	5° \mathbb{E} 53'57		desc. node	-1644 Jun 02 j 07:31	22° \mathbb{I} 22'45	
evening max el	-1645 Jun 18 j 22:10	8° \mathbb{E} 24'47	27°11'11	retrograde	-1644 Jun 14 j 00:26	27° \mathbb{I} 33'17	
retrograde	-1645 Jul 02 j 19:56	15° \mathbb{E} 44'26		evening set	-1644 Jun 20 j 11:01	25° \mathbb{I} 49'11	
evening set	-1645 Jul 09 j 21:17	13° \mathbb{E} 26'08		min. Earth dist.	-1644 Jun 24 j 12:33	23° \mathbb{I} 10'01	0.59666 AU
min. Earth dist.	-1645 Jul 13 j 12:06	10° \mathbb{E} 39'25	0.61703 AU	inferior conj	-1644 Jun 27 j 21:03	20° \mathbb{I} 31'47	-4°34'16
inferior conj	-1645 Jul 16 j 14:56	7° \mathbb{E} 50'29	-4°17'38	minimum elong	-1644 Jun 27 j 21:44	20° \mathbb{I} 30'25	4°34'13
minimum elong	-1645 Jul 16 j 18:20	7° \mathbb{E} 42'47	4°17'07	morning rise	-1644 Jul 05 j 10:35	15° \mathbb{I} 57'03	
morning rise	-1645 Jul 23 j 16:54	2° \mathbb{E} 53'48		direct	-1644 Jul 07 j 22:45	15° \mathbb{I} 34'29	
direct	-1645 Jul 26 j 05:16	2° \mathbb{E} 26'55		morning max el	-1644 Jul 15 j 13:10	19° \mathbb{I} 14'10	18°19'45
morning max el	-1645 Aug 02 j 03:00	5° \mathbb{E} 54'18	17°57'59	asc. node	-1644 Jul 19 j 11:43	23° \mathbb{I} 50'19	
asc. node	-1645 Aug 02 j 14:41	6° \mathbb{E} 23'36			-1644 Jul 23 j 12:25	0° \mathbb{E}	
	-1645 Aug 17 j 13:15	0° \mathbb{Q}		morning set	-1644 Jul 31 j 14:02	14° \mathbb{E} 42'18	
morning set	-1645 Aug 18 j 03:50	1° \mathbb{Q} 06'28			-1644 Aug 08 j 16:35	0° \mathbb{Q}	
superior conj	-1645 Aug 28 j 17:33	20° \mathbb{Q} 02'33	1°26'13	superior conj	-1644 Aug 09 j 21:30	2° \mathbb{Q} 12'53	1°42'49
minimum elong	-1645 Aug 28 j 22:15	20° \mathbb{Q} 22'53	1°25'48	minimum elong	-1644 Aug 09 j 23:57	2° \mathbb{Q} 24'07	1°42'42
	-1645 Sep 03 j 14:04	0° \mathbb{P}		max. Earth dist.	-1644 Aug 17 j 09:25	15° \mathbb{Q} 30'30	1.40603 AU
max. Earth dist.	-1645 Sep 05 j 03:09	2° \mathbb{P} 33'36	1.42445 AU	evening rise	-1644 Aug 22 j 02:10	23° \mathbb{Q} 24'22	
evening rise	-1645 Sep 11 j 20:39	13° \mathbb{P} 24'34			-1644 Aug 26 j 03:53	0° \mathbb{P}	
desc. node	-1645 Sep 12 j 09:52	14° \mathbb{P} 16'37		desc. node	-1644 Aug 29 j 06:52	4° \mathbb{P} 54'55	
	-1645 Sep 22 j 16:39	0° \mathbb{A}			-1644 Sep 15 j 15:22	0° \mathbb{A}	
evening max el	-1645 Oct 13 j 21:29	28° \mathbb{A} 13'59	21°57'21	evening max el	-1644 Sep 25 j 12:22	11° \mathbb{A} 43'25	23°16'50
	-1645 Oct 15 j 17:50	0° \mathbb{M}		retrograde	-1644 Oct 05 j 20:18	17° \mathbb{A} 50'04	
retrograde	-1645 Oct 23 j 02:55	3° \mathbb{M} 43'09		evening set	-1644 Oct 10 j 18:42	15° \mathbb{A} 47'32	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

asc. node	-1644 Oct 15 j 10:53	10° Ω 22'07	evening rise	-1643 Aug 03 j 09:02	4° Ω 36'17
inferior conj	-1644 Oct 16 j 02:50	9° Ω 27'26 0°13'45	desc. node	-1643 Aug 16 j 03:54	25° Ω 22'47
minimum elong	-1644 Oct 16 j 02:31	9° Ω 28'34 0°13'36		-1643 Aug 19 j 05:56	0° Π
transit middle	-1644 Oct 16 j 02:31	9° Ω 28'34 0°13'36	evening max el	-1643 Sep 08 j 00:15	25° Π 15'32 24°36'19
transit begin	-1644 Oct 16 j 01:01	9° Ω 33'42		-1643 Sep 13 j 18:11	0° Ω
transit end	-1644 Oct 16 j 04:01	9° Ω 23'25	retrograde	-1643 Sep 19 j 09:56	1° Ω 55'11
min. Earth dist.	-1644 Oct 15 j 18:57	9° Ω 54'30 0.67550 AU		-1643 Sep 24 j 10:32	30° Π
morning rise	-1644 Oct 21 j 10:14	3° Ω 17'18	evening set	-1643 Sep 24 j 23:04	29° Π 34'14
direct	-1644 Oct 25 j 15:31	1° Ω 38'24	min. Earth dist.	-1643 Sep 29 j 14:14	24° Π 15'30 0.67292 AU
morning max el	-1644 Nov 03 j 08:23	6° Ω 45'21 21°24'41	inferior conj	-1643 Sep 30 j 08:37	23° Π 14'09 -0°40'40
	-1644 Nov 20 j 23:24	0° Π	minimum elong	-1643 Sep 30 j 09:36	23° Π 10'51 0°40'16
desc. node	-1644 Nov 25 j 06:15	6° Π 23'08	asc. node	-1643 Oct 02 j 07:56	20° Π 40'36
morning set	-1644 Dec 04 j 11:07	20° Π 34'32	morning rise	-1643 Oct 05 j 20:10	17° Π 10'12
	-1644 Dec 10 j 08:08	0° Σ	direct	-1643 Oct 09 j 12:53	15° Π 51'38
max. Earth dist.	-1644 Dec 11 j 18:29	2° Σ 20'36 1.42124 AU	morning max el	-1643 Oct 17 j 06:54	20° Π 20'23 20°11'46
				-1643 Oct 25 j 02:45	0° Ω
superior conj	-1644 Dec 19 j 03:43	14° Σ 46'53 -1°56'27	desc. node	-1643 Nov 12 j 03:18	26° Ω 50'31
minimum elong	-1644 Dec 19 j 01:07	14° Σ 35'39 1°56'23	morning set	-1643 Nov 13 j 08:42	28° Ω 44'03
	-1644 Dec 27 j 18:03	0° Σ		-1643 Nov 14 j 04:18	0° Π
evening rise	-1644 Dec 30 j 06:44	4° Σ 35'15	max. Earth dist.	-1643 Nov 24 j 04:04	15° Π 43'41 1.43703 AU
asc. node	-1643 Jan 11 j 10:11	25° Σ 23'51			
	-1643 Jan 15 j 00:23	0° \approx	superior conj	-1643 Nov 29 j 17:37	24° Π 44'52 -1°38'37
evening max el	-1643 Jan 15 j 21:17	0° \approx 54'26 18°08'58	minimum elong	-1643 Nov 29 j 10:50	24° Π 17'01 1°38'05
retrograde	-1643 Jan 22 j 15:25	4° \approx 21'28		-1643 Dec 02 j 21:52	0° Σ
evening set	-1643 Jan 25 j 07:33	3° \approx 49'28	evening rise	-1643 Dec 12 j 14:59	16° Σ 31'31
	-1643 Jan 30 j 19:45	30° Π		-1643 Dec 20 j 11:18	0° Σ
inferior conj	-1643 Feb 01 j 00:25	28° Σ 53'21 3°54'11	asc. node	-1643 Dec 29 j 07:12	12° Σ 57'05
minimum elong	-1643 Feb 01 j 01:08	28° Σ 51'39 3°54'08	evening max el	-1643 Dec 30 j 09:34	14° Σ 07'48 18°11'50
min. Earth dist.	-1643 Feb 04 j 04:21	25° Σ 55'21 0.60990 AU	retrograde	-1642 Jan 05 j 21:57	17° Σ 36'13
morning rise	-1643 Feb 07 j 17:16	23° Σ 07'28	evening set	-1642 Jan 08 j 17:58	16° Σ 55'11
direct	-1643 Feb 14 j 13:48	20° Σ 50'25	inferior conj	-1642 Jan 14 j 23:41	11° Σ 38'33 3°52'04
desc. node	-1643 Feb 21 j 05:26	22° Σ 45'28	minimum elong	-1642 Jan 14 j 22:21	11° Σ 42'08 3°51'56
morning max el	-1643 Feb 28 j 17:23	28° Σ 36'22 27°36'26	min. Earth dist.	-1642 Jan 17 j 14:33	8° Σ 51'19 0.62929 AU
	-1643 Mar 02 j 02:21	0° \approx	morning rise	-1642 Jan 21 j 01:54	5° Σ 40'54
	-1643 Mar 23 j 02:52	0° Σ	direct	-1642 Jan 28 j 02:37	2° Σ 58'59
morning set	-1643 Apr 01 j 23:58	18° Σ 54'47	desc. node	-1642 Feb 08 j 02:31	8° Σ 08'53
	-1643 Apr 07 j 05:34	0° Υ	morning max el	-1642 Feb 10 j 23:41	10° Σ 48'03 27°44'03
max. Earth dist.	-1643 Apr 08 j 04:44	2° Υ 05'52 1.32523 AU		-1642 Feb 26 j 02:51	0° \approx
				-1642 Mar 15 j 09:39	0° Σ
superior conj	-1643 Apr 09 j 05:52	4° Υ 22'55 -0°01'38	morning set	-1642 Mar 17 j 01:04	3° Σ 16'14
minimum elong	-1643 Apr 09 j 05:56	4° Υ 23'19 0°01'36	max. Earth dist.	-1642 Mar 22 j 12:40	14° Σ 39'16 1.32966 AU
behind sun begin	-1643 Apr 09 j 00:54	3° Υ 55'49			
behind sun end	-1643 Apr 09 j 10:58	4° Υ 50'50	superior conj	-1642 Mar 24 j 14:51	19° Σ 08'26 -0°27'41
asc. node	-1643 Apr 09 j 09:32	4° Υ 42'58	minimum elong	-1642 Mar 24 j 16:09	19° Σ 15'23 0°27'24
evening rise	-1643 Apr 16 j 04:21	19° Υ 24'17	asc. node	-1642 Mar 27 j 06:35	24° Σ 53'09
	-1643 Apr 21 j 09:32	0° Σ		-1642 Mar 29 j 15:26	0° Υ
	-1643 May 11 j 07:03	0° Π	evening rise	-1642 Mar 31 j 16:08	4° Υ 19'15
evening max el	-1643 May 12 j 18:00	1° Π 27'13 25°09'29		-1642 Apr 14 j 14:31	0° Σ
desc. node	-1643 May 20 j 04:34	6° Π 55'44	evening max el	-1642 Apr 24 j 09:03	12° Σ 08'54 23°37'48
retrograde	-1643 May 26 j 18:38	8° Π 35'37	desc. node	-1642 May 07 j 01:36	18° Σ 56'34
evening set	-1643 Jun 01 j 02:12	7° Π 30'20	retrograde	-1642 May 08 j 00:56	18° Σ 58'43
min. Earth dist.	-1643 Jun 06 j 05:51	4° Π 41'47 0.57680 AU	evening set	-1642 May 11 j 22:35	18° Σ 25'07
inferior conj	-1643 Jun 09 j 08:17	2° Π 35'14 -4°22'16	min. Earth dist.	-1642 May 18 j 19:46	15° Σ 13'15 0.56066 AU
minimum elong	-1643 Jun 09 j 04:50	2° Π 41'09 4°21'53	inferior conj	-1642 May 20 j 23:27	13° Σ 55'36 -3°30'26
	-1643 Jun 13 j 10:22	30° Π	minimum elong	-1642 May 20 j 16:53	14° Σ 05'31 3°28'52
morning rise	-1643 Jun 17 j 10:16	28° Σ 21'56	morning rise	-1642 May 29 j 14:05	9° Σ 57'46
direct	-1643 Jun 19 j 23:16	28° Σ 02'40	direct	-1642 Jun 01 j 04:29	9° Σ 40'49
	-1643 Jun 26 j 00:22	0° Π	morning max el	-1642 Jun 11 j 09:54	14° Σ 24'39 20°04'58
morning max el	-1643 Jun 28 j 16:17	2° Π 07'05 19°02'00		-1642 Jun 22 j 16:05	0° Π
asc. node	-1643 Jul 06 j 08:47	12° Π 06'54	asc. node	-1642 Jun 23 j 05:52	1° Π 01'55
morning set	-1643 Jul 15 j 10:29	28° Π 49'24	morning set	-1642 Jun 29 j 14:05	13° Π 19'52
	-1643 Jul 16 j 00:47	0° Σ			
superior conj	-1643 Jul 23 j 20:30	15° Σ 21'06 1°48'08	superior conj	-1642 Jul 07 j 09:20	29° Π 12'32 1°44'37
minimum elong	-1643 Jul 23 j 20:41	15° Σ 21'59 1°48'09	minimum elong	-1642 Jul 07 j 07:53	29° Π 05'16 1°44'35
max. Earth dist.	-1643 Jul 30 j 12:20	27° Σ 46'20 1.38613 AU		-1642 Jul 07 j 18:49	0° Σ
	-1643 Jul 31 j 18:09	0° Ω	max. Earth dist.	-1642 Jul 12 j 16:46	9° Σ 36'37 1.36729 AU
			evening rise	-1642 Jul 16 j 15:07	16° Σ 56'37

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	-1642 Jul 24 j 02:46	0°♌					-1641 Jul 17 j 04:42	0°♌	
desc. node	-1642 Aug 03 j 00:54	15°♌34'45		desc. node	-1641 Jul 20 j 21:56	5°♌23'35			
	-1642 Aug 13 j 14:28	0°♍		evening max el	-1641 Aug 03 j 22:53	22°♌22'04	26°45'05		
evening max el	-1642 Aug 21 j 11:18	8°♍49'46	25°48'20	retrograde	-1641 Aug 16 j 23:29	29°♌39'06			
retrograde	-1642 Sep 02 j 19:12	15°♍53'36		evening set	-1641 Aug 23 j 16:16	26°♌53'29			
evening set	-1642 Sep 08 j 22:59	13°♍17'10		min. Earth dist.	-1641 Aug 27 j 15:39	22°♌48'41	0.65767 AU		
min. Earth dist.	-1642 Sep 13 j 05:55	8°♍34'48	0.66705 AU	inferior conj	-1641 Aug 29 j 09:33	20°♌44'20	-2°28'40		
inferior conj	-1642 Sep 14 j 11:30	7°♍00'43	-1°35'27	minimum elong	-1641 Aug 29 j 13:05	20°♌33'51	2°27'24		
minimum elong	-1642 Sep 14 j 13:50	6°♍53'17	1°34'30	morning rise	-1641 Sep 04 j 10:21	15°♌01'29			
asc. node	-1642 Sep 19 j 05:01	1°♍48'30		asc. node	-1641 Sep 06 j 02:07	14°♌22'42			
morning rise	-1642 Sep 20 j 04:54	1°♍05'48		direct	-1641 Sep 07 j 08:35	14°♌13'40			
direct	-1642 Sep 23 j 11:11	0°♍04'26		morning max el	-1641 Sep 14 j 00:14	17°♌53'36	18°29'12		
morning max el	-1642 Sep 30 j 12:44	4°♍04'18	19°12'35		-1641 Sep 23 j 00:42	0°♍			
	-1642 Oct 18 j 20:20	0°♎		morning set	-1641 Oct 03 j 20:01	17°♍18'20			
morning set	-1642 Oct 23 j 13:47	7°♎22'55			-1641 Oct 11 j 17:37	0°♎			
desc. node	-1642 Oct 30 j 00:19	17°♎27'36		desc. node	-1641 Oct 16 j 21:19	8°♎10'52			
	-1642 Nov 06 j 23:50	0°♏							
max. Earth dist.	-1642 Nov 06 j 19:14	29°♎41'50	1.44677 AU	superior conj	-1641 Oct 19 j 05:56	11°♎54'12	-0°15'14		
				minimum elong	-1641 Oct 19 j 03:55	11°♎46'16	0°14'58		
superior conj	-1642 Nov 09 j 05:53	3°♏33'47	-1°03'05	behind sun begin	-1641 Oct 18 j 23:24	11°♎28'28			
minimum elong	-1642 Nov 08 j 22:37	3°♏05'01	1°02'16	behind sun end	-1641 Oct 19 j 08:26	12°♎04'03			
evening rise	-1642 Nov 24 j 01:49	27°♏31'12		max. Earth dist.	-1641 Oct 20 j 13:15	13°♎57'31	1.44942 AU		
	-1642 Nov 25 j 13:57	0°♐			-1641 Oct 30 j 18:12	0°♏			
evening max el	-1642 Dec 13 j 21:43	27°♐29'43	18°33'18	evening rise	-1641 Nov 04 j 12:27	7°♏30'06			
asc. node	-1642 Dec 16 j 04:16	29°♐30'24		greatest brilliancy	-1641 Nov 14 j 03:34	22°♏39'55	-0.8m		
	-1642 Dec 16 j 21:39	0°♑			-1641 Nov 18 j 22:50	0°♐			
retrograde	-1642 Dec 20 j 12:45	1°♑10'23		evening max el	-1641 Nov 27 j 07:23	10°♐56'18	19°12'10		
evening set	-1642 Dec 23 j 13:31	0°♑19'08		asc. node	-1641 Dec 03 j 01:19	14°♐49'00			
	-1642 Dec 24 j 02:13	30°♑♐		retrograde	-1641 Dec 04 j 08:10	14°♐58'15			
inferior conj	-1642 Dec 29 j 10:55	24°♐44'10	3°32'45	evening set	-1641 Dec 07 j 15:21	13°♐54'59			
minimum elong	-1642 Dec 29 j 08:23	24°♐51'41	3°32'16	inferior conj	-1641 Dec 13 j 06:45	8°♐04'23	3°01'21		
min. Earth dist.	-1642 Dec 31 j 10:43	22°♐23'28	0.64580 AU	minimum elong	-1641 Dec 13 j 03:48	8°♐13'45	3°00'33		
morning rise	-1641 Jan 04 j 02:47	18°♐38'47		min. Earth dist.	-1641 Dec 14 j 15:59	6°♐18'51	0.65865 AU		
direct	-1641 Jan 10 j 22:54	15°♐46'43		morning rise	-1641 Dec 18 j 15:58	1°♐53'59			
morning max el	-1641 Jan 24 j 08:56	23°♐31'28	27°16'28		-1641 Dec 21 j 09:16	30°♑♏			
desc. node	-1641 Jan 25 j 23:35	25°♐11'09		direct	-1641 Dec 25 j 01:30	29°♏05'51			
	-1641 Jan 30 j 04:39	0°♒			-1641 Dec 29 j 00:54	0°♑			
	-1641 Feb 19 j 09:58	0°♓		morning max el	-1640 Jan 06 j 18:27	6°♑34'22	26°20'08		
morning set	-1641 Feb 28 j 17:32	17°♓07'09		desc. node	-1640 Jan 12 j 20:38	13°♑23'45			
max. Earth dist.	-1641 Mar 05 j 11:57	26°♓40'42	1.33826 AU		-1640 Jan 24 j 22:52	0°♒			
	-1641 Mar 07 j 02:26	0°♔		morning set	-1640 Feb 11 j 21:34	0°♓16'06			
					-1640 Feb 11 j 18:08	0°♓			
superior conj	-1641 Mar 08 j 19:41	3°♔36'20	-0°53'33	max. Earth dist.	-1640 Feb 15 j 23:42	8°♓06'39	1.35143 AU		
minimum elong	-1641 Mar 08 j 22:08	3°♔49'16	0°53'05						
asc. node	-1641 Mar 14 j 03:38	14°♔56'10		superior conj	-1640 Feb 20 j 18:04	17°♓40'14	-1°17'50		
evening rise	-1641 Mar 16 j 02:59	19°♔05'44		minimum elong	-1640 Feb 20 j 21:23	17°♓57'14	1°17'21		
	-1641 Mar 21 j 13:01	0°♕			-1640 Feb 26 j 16:53	0°♔			
evening max el	-1641 Apr 06 j 03:02	22°♕49'56	22°03'46	evening rise	-1640 Feb 28 j 11:05	3°♔38'08			
retrograde	-1641 Apr 18 j 19:27	29°♕01'31		asc. node	-1640 Feb 29 j 00:40	4°♔47'52			
evening set	-1641 Apr 21 j 13:03	28°♕44'57			-1640 Mar 14 j 16:06	0°♕			
desc. node	-1641 Apr 23 j 22:41	28°♕04'59		evening max el	-1640 Mar 18 j 05:55	3°♕56'46	20°39'27		
inferior conj	-1641 Apr 30 j 22:40	24°♕38'22	-1°56'14	retrograde	-1640 Mar 29 j 08:29	9°♕16'02			
minimum elong	-1641 Apr 30 j 17:30	24°♕45'40	1°54'31	evening set	-1640 Mar 31 j 13:55	9°♕04'05			
min. Earth dist.	-1641 Apr 30 j 09:12	24°♕57'21	0.55162 AU	inferior conj	-1640 Apr 09 j 17:31	5°♕06'41	0°01'34		
morning rise	-1641 May 09 j 23:19	20°♕41'49		minimum elong	-1640 Apr 09 j 17:36	5°♕06'35	0°01'32		
direct	-1641 May 12 j 18:44	20°♕24'08		transit middle	-1640 Apr 09 j 17:36	5°♕06'35	0°01'32		
morning max el	-1641 May 24 j 16:32	25°♕59'38	21°27'10	transit begin	-1640 Apr 09 j 13:33	5°♕12'25			
	-1641 May 28 j 10:35	0°♖		transit end	-1640 Apr 09 j 21:39	5°♕00'45			
asc. node	-1641 Jun 10 j 02:57	20°♖25'01		desc. node	-1640 Apr 09 j 19:45	5°♕03'29			
morning set	-1641 Jun 13 j 22:24	28°♖06'06		min. Earth dist.	-1640 Apr 10 j 23:01	4°♕24'11	0.55192 AU		
	-1641 Jun 14 j 20:21	0°♗		morning rise	-1640 Apr 18 j 20:09	0°♕53'08			
				direct	-1640 Apr 22 j 06:31	0°♕27'33			
superior conj	-1641 Jun 21 j 07:48	13°♗34'03	1°34'23	morning max el	-1640 May 05 j 13:09	6°♕54'48	23°03'25		
minimum elong	-1641 Jun 21 j 05:28	13°♗21'54	1°34'11		-1640 May 21 j 19:59	0°♖			
max. Earth dist.	-1641 Jun 25 j 04:29	21°♗28'02	1.35128 AU	asc. node	-1640 May 26 j 24:00	10°♖08'42			
evening rise	-1641 Jun 29 j 15:25	0°♘11'49		morning set	-1640 May 28 j 09:26	13°♖02'12			
	-1641 Jun 29 j 12:56	0°♘							

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superior conj	-1640 Jun 04 j 12:48	28° J 15'51	1°19'01	superior conj	-1639 May 19 j 21:55	13° J 10'26	0°59'43
minimum elong	-1640 Jun 04 j 10:13	28° J 02'09	1°18'40	minimum elong	-1639 May 19 j 19:38	12° J 58'05	0°59'20
	-1640 Jun 05 j 08:22	0° II		max. Earth dist.	-1639 May 21 j 08:30	16° J 17'41	1.33052 AU
max. Earth dist.	-1640 Jun 07 j 02:12	3° II 40'45	1.33901 AU	evening rise	-1639 May 27 j 04:12	28° J 32'53	
evening rise	-1640 Jun 12 j 05:05	14° II 07'52			-1639 May 27 j 21:22	0° II	
	-1640 Jun 20 j 17:14	0° J			-1639 Jun 13 j 21:43	0° J	
desc. node	-1640 Jul 06 j 18:58	24° J 39'01		desc. node	-1639 Jun 23 j 15:59	13° J 07'02	
	-1640 Jul 11 j 02:19	0° J		evening max el	-1639 Jun 28 j 19:53	18° J 37'39	27°23'23
evening max el	-1640 Jul 16 j 10:28	5° J 42'23	27°18'52	retrograde	-1639 Jul 12 j 14:22	25° J 57'44	
retrograde	-1640 Jul 29 j 22:06	13° J 03'18		evening set	-1639 Jul 19 j 18:53	23° J 25'35	
evening set	-1640 Aug 06 j 00:03	10° J 18'09		min. Earth dist.	-1639 Jul 23 j 08:45	20° J 27'07	0.62800 AU
min. Earth dist.	-1640 Aug 09 j 17:10	6° J 49'32	0.64462 AU	inferior conj	-1639 Jul 26 j 05:10	17° J 41'13	-3°59'21
inferior conj	-1640 Aug 12 j 00:22	4° J 19'54	-3°17'52	minimum elong	-1639 Jul 26 j 09:18	17° J 31'10	3°58'29
minimum elong	-1640 Aug 12 j 04:39	4° J 08'15	3°16'36	morning rise	-1639 Aug 02 j 00:51	12° J 32'28	
	-1640 Aug 16 j 13:04	30° R J		direct	-1639 Aug 04 j 14:18	12° J 02'09	
morning rise	-1640 Aug 18 j 09:59	28° J 52'22		asc. node	-1639 Aug 09 j 20:14	14° J 11'00	
direct	-1640 Aug 21 j 02:39	28° J 14'42		morning max el	-1639 Aug 11 j 06:11	15° J 26'56	17°54'25
asc. node	-1640 Aug 22 j 23:12	28° J 32'40			-1639 Aug 21 j 09:41	0° J	
	-1640 Aug 25 j 16:02	0° J		morning set	-1639 Aug 27 j 15:23	10° J 57'47	
morning max el	-1640 Aug 27 j 14:57	1° J 42'57	18°02'49		-1639 Sep 07 j 13:44	0° J	
morning set	-1640 Sep 14 j 06:08	28° J 34'48					
	-1640 Sep 15 j 02:17	0° J		superior conj	-1639 Sep 08 j 03:09	0° J 56'38	1°10'39
				minimum elong	-1639 Sep 08 j 08:28	1° J 19'04	1°10'04
superior conj	-1640 Sep 27 j 15:55	20° J 47'30	0°32'50	max. Earth dist.	-1639 Sep 14 j 22:24	12° J 10'53	1.43349 AU
minimum elong	-1640 Sep 27 j 19:36	21° J 02'23	0°32'21	desc. node	-1639 Sep 19 j 15:20	19° J 42'33	
max. Earth dist.	-1640 Oct 02 j 07:20	28° J 13'12	1.44480 AU	evening rise	-1639 Sep 23 j 07:51	25° J 29'18	
desc. node	-1640 Oct 02 j 18:19	28° J 56'46			-1639 Sep 26 j 05:58	0° J	
	-1640 Oct 03 j 10:17	0° J			-1639 Oct 16 j 21:23	0° J	
evening rise	-1640 Oct 14 j 02:00	16° J 37'50		evening max el	-1639 Oct 23 j 11:47	7° J 51'15	21°14'00
	-1640 Oct 22 j 19:26	0° J		retrograde	-1639 Nov 01 j 02:33	12° J 58'02	
greatest brilliancy	-1640 Oct 27 j 23:59	7° J 47'30	-0.6m	evening set	-1639 Nov 05 j 04:35	11° J 24'08	
evening max el	-1640 Nov 09 j 12:29	24° J 23'48	20°06'37	asc. node	-1639 Nov 05 j 19:25	10° J 53'22	
retrograde	-1640 Nov 17 j 05:28	28° J 55'00		inferior conj	-1639 Nov 10 j 13:28	5° J 11'18	1°35'00
asc. node	-1640 Nov 18 j 22:23	28° J 38'17		minimum elong	-1639 Nov 10 j 11:26	5° J 18'17	1°34'12
evening set	-1640 Nov 20 j 21:01	27° J 37'30		min. Earth dist.	-1639 Nov 10 j 21:59	4° J 42'00	0.67330 AU
inferior conj	-1640 Nov 26 j 08:20	21° J 34'08	2°21'17		-1639 Nov 14 j 16:03	30° R J	
minimum elong	-1640 Nov 26 j 05:36	21° J 43'13	2°20'21	morning rise	-1639 Nov 15 j 18:07	28° J 57'20	
min. Earth dist.	-1640 Nov 27 j 04:28	20° J 26'51	0.66775 AU	direct	-1639 Nov 20 j 22:16	26° J 43'52	
morning rise	-1640 Dec 01 j 14:00	15° J 20'56			-1639 Nov 28 j 04:21	0° J	
direct	-1640 Dec 07 j 09:30	12° J 47'09		morning max el	-1639 Dec 01 j 11:52	3° J 01'34	23°38'02
morning max el	-1640 Dec 19 j 03:02	19° J 45'41	25°04'01	desc. node	-1639 Dec 16 j 14:40	22° J 02'09	
	-1640 Dec 27 j 21:28	0° J			-1639 Dec 22 j 01:42	0° J	
desc. node	-1640 Dec 29 j 17:39	2° J 25'25		morning set	-1638 Jan 05 j 18:39	23° J 25'42	
	-1639 Jan 17 j 02:15	0° J			-1638 Jan 09 j 14:04	0° J	
morning set	-1639 Jan 24 j 08:00	12° J 27'41		max. Earth dist.	-1638 Jan 09 j 20:06	0° J 26'32	1.38929 AU
max. Earth dist.	-1639 Jan 28 j 00:28	19° J 10'42	1.36889 AU				
	-1639 Feb 02 j 16:32	0° J		superior conj	-1638 Jan 17 j 06:39	13° J 58'19	-1°53'41
				minimum elong	-1638 Jan 17 j 09:10	14° J 10'09	1°53'35
superior conj	-1639 Feb 03 j 07:01	1° J 11'05	-1°38'44		-1638 Jan 25 j 14:39	0° J	
minimum elong	-1639 Feb 03 j 10:33	1° J 28'26	1°38'24	evening rise	-1638 Jan 26 j 09:55	1° J 33'41	
evening rise	-1639 Feb 11 j 14:14	17° J 49'47		asc. node	-1638 Feb 01 j 18:44	13° J 35'15	
asc. node	-1639 Feb 14 j 21:42	24° J 23'00		evening max el	-1638 Feb 11 j 19:20	27° J 58'31	18°43'53
	-1639 Feb 17 j 21:13	0° J			-1638 Feb 14 j 06:33	0° J	
evening max el	-1639 Feb 28 j 19:44	15° J 40'10	19°31'54	retrograde	-1638 Feb 19 j 19:40	1° J 51'44	
retrograde	-1639 Mar 10 j 05:23	20° J 09'45		evening set	-1638 Feb 22 j 05:12	1° J 32'11	
evening set	-1639 Mar 12 j 10:53	19° J 55'43			-1638 Feb 25 j 18:23	30° R J	
inferior conj	-1639 Mar 20 j 22:19	15° J 50'26	1°49'36	inferior conj	-1638 Mar 01 j 22:13	27° J 09'19	3°05'09
minimum elong	-1639 Mar 21 j 02:25	15° J 43'50	1°48'20	minimum elong	-1638 Mar 02 j 02:31	27° J 01'15	3°04'14
min. Earth dist.	-1639 Mar 23 j 13:28	14° J 09'24	0.56139 AU	min. Earth dist.	-1638 Mar 05 j 06:07	24° J 40'59	0.57784 AU
desc. node	-1639 Mar 27 j 16:47	11° J 52'50		morning rise	-1638 Mar 09 j 21:07	21° J 55'06	
morning rise	-1639 Mar 29 j 15:21	11° J 07'04		desc. node	-1638 Mar 14 j 13:49	20° J 38'58	
direct	-1639 Apr 03 j 02:58	10° J 21'42		direct	-1638 Mar 15 j 12:34	20° J 36'45	
morning max el	-1639 Apr 17 j 04:17	17° J 27'53	24°43'21	morning max el	-1638 Mar 29 j 20:13	28° J 06'49	26°12'10
	-1639 Apr 27 j 10:16	0° J			-1638 Mar 31 j 16:48	0° J	
morning set	-1639 May 12 j 21:31	28° J 02'47			-1638 Apr 20 j 20:26	0° J	
asc. node	-1639 May 13 j 21:02	0° J 07'09		morning set	-1638 Apr 27 j 08:55	13° J 01'07	
	-1639 May 13 j 19:41	0° J		asc. node	-1638 Apr 30 j 18:03	20° J 14'34	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1638 May 04 j 09:10	28° Υ 10'18	0°37'28	superior conj	-1637 Apr 18 j 20:53	13° Υ 09'30	0°13'05
minimum elong	-1638 May 04 j 07:36	28° Υ 01'39	0°37'09	minimum elong	-1637 Apr 18 j 20:18	13° Υ 06'17	0°12'58
max. Earth dist.	-1638 May 04 j 20:02	29° Υ 09'49	1.32566 AU	behind sun begin	-1637 Apr 18 j 17:25	12° Υ 50'31	
	-1638 May 05 j 05:13	0° \mathcal{B}		behind sun end	-1637 Apr 18 j 23:11	13° Υ 22'03	
evening rise	-1638 May 11 j 09:41	13° \mathcal{B} 16'04		max. Earth dist.	-1637 Apr 18 j 09:06	12° Υ 04'54	1.32434 AU
	-1638 May 19 j 23:54	0° Π		evening rise	-1637 Apr 25 j 19:10	28° Υ 09'29	
	-1638 Jun 10 j 02:10	0° \mathcal{E}			-1637 Apr 26 j 16:17	0° \mathcal{B}	
desc. node	-1638 Jun 10 j 13:02	0° \mathcal{E} 26'48			-1637 May 13 j 14:28	0° Π	
evening max el	-1638 Jun 11 j 00:27	0° \mathcal{E} 54'22	26°55'09	evening max el	-1637 May 23 j 22:30	12° Π 26'57	25°55'23
retrograde	-1638 Jun 24 j 23:35	8° \mathcal{E} 12'32		desc. node	-1637 May 28 j 10:03	16° Π 10'24	
evening set	-1638 Jul 01 j 20:27	6° \mathcal{E} 07'12		retrograde	-1637 Jun 07 j 00:15	19° Π 41'17	
min. Earth dist.	-1638 Jul 05 j 14:04	3° \mathcal{E} 26'12	0.60851 AU	evening set	-1637 Jun 13 j 00:42	18° Π 13'31	
inferior conj	-1638 Jul 08 j 20:32	0° \mathcal{E} 39'09	-4°27'26	min. Earth dist.	-1637 Jun 17 j 11:04	15° Π 32'19	0.58794 AU
minimum elong	-1638 Jul 08 j 23:01	0° \mathcal{E} 33'50	4°27'11	inferior conj	-1637 Jun 20 j 18:54	13° Π 04'44	-4°33'23
	-1638 Jul 09 j 14:57	30° \mathcal{R} Π		minimum elong	-1637 Jun 20 j 17:56	13° Π 06'33	4°33'21
morning rise	-1638 Jul 16 j 03:21	25° Π 51'56		morning rise	-1637 Jun 28 j 13:42	8° Π 39'43	
direct	-1638 Jul 18 j 15:33	25° Π 26'59		direct	-1637 Jul 01 j 02:00	8° Π 18'49	
morning max el	-1638 Jul 25 j 19:05	28° Π 57'51	18°04'53	morning max el	-1637 Jul 09 j 02:39	12° Π 07'21	18°35'14
	-1638 Jul 26 j 19:21	0° \mathcal{E}		asc. node	-1637 Jul 14 j 14:20	18° Π 51'27	
asc. node	-1638 Jul 27 j 17:16	1° \mathcal{E} 02'14			-1637 Jul 21 j 03:57	0° \mathcal{E}	
morning set	-1638 Aug 10 j 17:49	24° \mathcal{E} 10'06		morning set	-1637 Jul 25 j 08:45	7° \mathcal{E} 59'31	
	-1638 Aug 13 j 21:12	0° \mathcal{Q}					
				superior conj	-1637 Aug 03 j 06:10	25° \mathcal{E} 02'35	1°46'17
superior conj	-1638 Aug 20 j 17:28	12° \mathcal{Q} 26'07	1°34'47	minimum elong	-1637 Aug 03 j 07:36	25° \mathcal{E} 09'19	1°46'16
minimum elong	-1638 Aug 20 j 21:18	12° \mathcal{Q} 43'06	1°34'30		-1637 Aug 05 j 22:31	0° \mathcal{Q}	
max. Earth dist.	-1638 Aug 28 j 07:48	25° \mathcal{Q} 32'02	1.41694 AU	max. Earth dist.	-1637 Aug 10 j 11:34	8° \mathcal{Q} 07'47	1.39752 AU
	-1638 Aug 31 j 00:30	0° \mathcal{M}		evening rise	-1637 Aug 14 j 16:36	15° \mathcal{Q} 21'20	
evening rise	-1638 Sep 03 j 00:32	4° \mathcal{M} 52'11			-1637 Aug 23 j 18:15	0° \mathcal{M}	
desc. node	-1638 Sep 06 j 12:22	10° \mathcal{M} 24'28		desc. node	-1637 Aug 24 j 09:24	0° \mathcal{M} 58'34	
	-1638 Sep 19 j 13:35	0° \mathcal{L}			-1637 Sep 14 j 08:36	0° \mathcal{L}	
evening max el	-1638 Oct 06 j 05:14	21° \mathcal{L} 18'51	22°30'38	evening max el	-1637 Sep 18 j 18:23	4° \mathcal{L} 48'28	23°51'08
retrograde	-1638 Oct 15 j 21:50	27° \mathcal{L} 04'34		retrograde	-1637 Sep 29 j 13:53	11° \mathcal{L} 10'51	
evening set	-1638 Oct 20 j 12:16	25° \mathcal{L} 12'39		evening set	-1637 Oct 04 j 18:20	9° \mathcal{L} 00'24	
asc. node	-1638 Oct 23 j 16:26	21° \mathcal{L} 48'28		min. Earth dist.	-1637 Oct 09 j 14:35	3° \mathcal{L} 21'27	0.67470 AU
inferior conj	-1638 Oct 25 j 20:14	18° \mathcal{L} 53'54	0°44'21	inferior conj	-1637 Oct 10 j 02:52	2° \mathcal{L} 39'37	-0°09'10
minimum elong	-1638 Oct 25 j 19:13	18° \mathcal{L} 57'25	0°43'54	minimum elong	-1637 Oct 10 j 03:05	2° \mathcal{L} 38'53	0°09'05
min. Earth dist.	-1638 Oct 25 j 18:10	19° \mathcal{L} 01'02	0.67553 AU	transit middle	-1637 Oct 10 j 03:05	2° \mathcal{L} 38'53	0°09'05
morning rise	-1638 Oct 31 j 02:04	12° \mathcal{L} 41'34		transit begin	-1637 Oct 10 j 00:50	2° \mathcal{L} 46'33	
direct	-1638 Nov 04 j 15:14	10° \mathcal{L} 50'19		transit end	-1637 Oct 10 j 05:21	2° \mathcal{L} 31'12	
morning max el	-1638 Nov 13 j 23:55	16° \mathcal{L} 23'00	22°11'36	asc. node	-1637 Oct 10 j 13:30	2° \mathcal{L} 03'32	
	-1638 Nov 25 j 01:25	0° \mathcal{M}			-1637 Oct 12 j 03:05	30° \mathcal{R} \mathcal{M}	
desc. node	-1638 Dec 03 j 11:42	12° \mathcal{M} 04'09		morning rise	-1637 Oct 15 j 11:48	26° \mathcal{M} 31'33	
	-1638 Dec 15 j 03:42	0° \mathcal{X}		direct	-1637 Oct 19 j 11:24	25° \mathcal{M} 01'42	
morning set	-1638 Dec 17 j 00:39	3° \mathcal{X} 00'13			-1637 Oct 27 j 21:11	0° \mathcal{L}	
max. Earth dist.	-1638 Dec 22 j 17:54	12° \mathcal{X} 25'00	1.41012 AU	morning max el	-1637 Oct 27 j 18:02	29° \mathcal{M} 51'57	20°52'09
					-1637 Nov 18 j 18:55	0° \mathcal{M}	
superior conj	-1638 Dec 30 j 12:01	25° \mathcal{X} 49'39	-1°59'12	desc. node	-1637 Nov 20 j 08:44	2° \mathcal{M} 23'37	
minimum elong	-1638 Dec 30 j 11:48	25° \mathcal{X} 48'38	1°59'13	morning set	-1637 Nov 26 j 05:09	11° \mathcal{M} 24'50	
	-1637 Jan 01 j 19:49	0° \mathcal{Z}		max. Earth dist.	-1637 Dec 04 j 22:23	25° \mathcal{M} 16'40	1.42854 AU
evening rise	-1637 Jan 09 j 19:01	14° \mathcal{Z} 42'35			-1637 Dec 07 j 19:39	0° \mathcal{X}	
	-1637 Jan 18 j 06:09	0° \approx					
asc. node	-1637 Jan 19 j 15:46	2° \approx 17'13		superior conj	-1637 Dec 11 j 17:32	6° \mathcal{X} 31'25	-1°51'03
evening max el	-1637 Jan 26 j 02:15	10° \approx 45'13	18°16'00	minimum elong	-1637 Dec 11 j 13:01	6° \mathcal{X} 12'23	1°50'49
retrograde	-1637 Feb 02 j 04:23	14° \approx 17'39		evening rise	-1637 Dec 23 j 13:33	27° \mathcal{X} 07'21	
evening set	-1637 Feb 04 j 18:07	13° \approx 50'40			-1637 Dec 25 j 04:19	0° \mathcal{Z}	
inferior conj	-1637 Feb 11 j 18:54	9° \approx 07'04	3°44'56	asc. node	-1636 Jan 06 j 12:48	20° \mathcal{Z} 18'49	
minimum elong	-1637 Feb 11 j 21:03	9° \approx 02'20	3°44'42	evening max el	-1636 Jan 09 j 13:28	23° \mathcal{Z} 51'06	18°07'52
min. Earth dist.	-1637 Feb 15 j 03:39	6° \approx 12'29	0.59796 AU	retrograde	-1636 Jan 16 j 04:04	27° \mathcal{Z} 17'08	
morning rise	-1637 Feb 18 j 21:58	3° \approx 30'03		evening set	-1636 Jan 18 j 21:45	26° \mathcal{Z} 41'30	
direct	-1637 Feb 25 j 10:56	1° \approx 32'49		inferior conj	-1636 Jan 25 j 09:33	21° \mathcal{Z} 36'47	3°55'44
desc. node	-1637 Mar 01 j 10:52	2° \approx 14'18		minimum elong	-1636 Jan 25 j 09:18	21° \mathcal{Z} 37'24	3°55'42
morning max el	-1637 Mar 11 j 17:23	9° \approx 15'51	27°15'22	min. Earth dist.	-1636 Jan 28 j 08:35	18° \mathcal{Z} 40'37	0.61847 AU
	-1637 Mar 27 j 14:55	0° \mathcal{X}		morning rise	-1636 Jan 31 j 19:39	15° \mathcal{Z} 45'15	
morning set	-1637 Apr 11 j 17:57	27° \mathcal{X} 50'59		direct	-1636 Feb 07 j 19:21	13° \mathcal{Z} 15'30	
	-1637 Apr 12 j 18:37	0° Υ		desc. node	-1636 Feb 16 j 07:55	16° \mathcal{Z} 24'09	
asc. node	-1637 Apr 17 j 15:07	10° Υ 26'32		morning max el	-1636 Feb 21 j 20:31	21° \mathcal{Z} 04'00	27°44'01
					-1636 Feb 29 j 15:17	0° \approx	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1636 Mar 19 j 14:04	0°♄				-1635 Jan 30 j 06:48	0°♄		
morning set	-1636 Mar 25 j 22:36	12°♄24'42		desc. node		-1635 Feb 02 j 05:00	2°♄33'21		
max. Earth dist.	-1636 Mar 31 j 19:51	24°♄48'58	1.32663 AU	morning max el		-1635 Feb 03 j 04:11	3°♄29'37	27°36'09	
						-1635 Feb 23 j 01:46	0°♄		
superior conj	-1636 Apr 02 j 07:23	28°♄01'36	-0°12'39	morning set		-1635 Mar 09 j 20:25	26°♄34'05		
minimum elong	-1636 Apr 02 j 07:58	28°♄04'47	0°12'30			-1635 Mar 11 j 13:24	0°♄		
behind sun begin	-1636 Apr 02 j 04:48	27°♄47'34		max. Earth dist.		-1635 Mar 15 j 00:30	7°♄09'30	1.33285 AU	
behind sun end	-1636 Apr 02 j 11:08	28°♄21'59							
	-1636 Apr 03 j 05:08	0°♄		superior conj		-1635 Mar 17 j 14:52	12°♄40'26	-0°38'45	
asc. node	-1636 Apr 03 j 12:10	0°♄38'21		minimum elong		-1635 Mar 17 j 16:40	12°♄50'04	0°38'23	
evening rise	-1636 Apr 09 j 06:38	13°♄05'32		asc. node		-1635 Mar 21 j 09:13	20°♄45'54		
	-1636 Apr 17 j 20:48	0°♄		evening rise		-1635 Mar 24 j 18:16	27°♄57'42		
evening max el	-1636 May 04 j 15:05	23°♄22'02	24°31'44			-1635 Mar 25 j 17:40	0°♄		
desc. node	-1636 May 14 j 07:05	29°♄42'30				-1635 Apr 12 j 13:40	0°♄		
	-1636 May 15 j 07:26	0°♄		evening max el		-1635 Apr 16 j 06:42	4°♄00'08	22°57'12	
retrograde	-1636 May 18 j 13:50	0°♄24'33		retrograde		-1635 Apr 29 j 14:18	10°♄35'13		
	-1636 May 21 j 20:38	30°♄		desc. node		-1635 May 01 j 04:08	10°♄29'42		
evening set	-1636 May 23 j 06:51	29°♄34'37		evening set		-1635 May 02 j 22:33	10°♄10'46		
min. Earth dist.	-1636 May 29 j 02:50	26°♄37'18	0.56922 AU	min. Earth dist.		-1635 May 10 j 16:14	6°♄45'36	0.55580 AU	
inferior conj	-1636 May 31 j 21:32	24°♄50'01	-4°05'43	inferior conj		-1635 May 12 j 04:57	5°♄52'31	-2°55'05	
minimum elong	-1636 May 31 j 16:25	24°♄58'19	4°04'51	minimum elong		-1635 May 11 j 22:18	6°♄02'10	2°53'11	
morning rise	-1636 Jun 09 j 04:55	20°♄44'10		morning rise		-1635 May 21 j 00:24	1°♄57'12		
direct	-1636 Jun 11 j 18:15	20°♄26'07		direct		-1635 May 23 j 16:26	1°♄40'18		
morning max el	-1636 Jun 21 j 02:00	24°♄46'08	19°26'17	morning max el		-1635 Jun 03 j 14:51	6°♄45'08	20°37'48	
	-1636 Jun 25 j 15:36	0°♄		asc. node		-1635 Jun 17 j 08:31	26°♄33'34		
asc. node	-1636 Jun 30 j 11:26	7°♄25'40				-1635 Jun 19 j 03:36	0°♄		
morning set	-1636 Jul 08 j 08:35	22°♄17'18		morning set		-1635 Jun 22 j 14:28	6°♄55'12		
	-1636 Jul 12 j 04:49	0°♄							
superior conj	-1636 Jul 16 j 11:37	8°♄30'33	1°47'35	superior conj		-1635 Jun 30 j 04:58	22°♄35'41	1°41'00	
minimum elong	-1636 Jul 16 j 11:01	8°♄27'37	1°47'36	minimum elong		-1635 Jun 30 j 03:03	22°♄25'56	1°40'53	
max. Earth dist.	-1636 Jul 22 j 14:09	20°♄08'43	1.37783 AU	max. Earth dist.		-1635 Jul 04 j 21:32	1°♄57'52	1.36006 AU	
evening rise	-1636 Jul 26 j 09:56	27°♄03'58		evening rise		-1635 Jul 09 j 00:24	9°♄49'11		
	-1636 Jul 28 j 02:02	0°♄				-1635 Jul 20 j 16:20	0°♄		
desc. node	-1636 Aug 10 j 06:25	21°♄20'24		desc. node		-1635 Jul 28 j 03:26	11°♄23'24		
	-1636 Aug 16 j 05:31	0°♄				-1635 Aug 11 j 19:02	0°♄		
evening max el	-1636 Aug 31 j 05:50	18°♄22'21	25°08'29	evening max el		-1635 Aug 13 j 17:14	1°♄56'58	26°14'55	
retrograde	-1636 Sep 12 j 01:44	25°♄13'32		retrograde		-1635 Aug 26 j 08:41	9°♄06'51		
evening set	-1636 Sep 17 j 21:03	22°♄45'48		evening set		-1635 Sep 01 j 18:23	6°♄25'42		
min. Earth dist.	-1636 Sep 22 j 08:44	17°♄42'02	0.67077 AU	min. Earth dist.		-1635 Sep 05 j 22:06	1°♄59'18	0.66352 AU	
inferior conj	-1636 Sep 23 j 07:40	16°♄26'50	-1°03'57	inferior conj		-1635 Sep 07 j 08:43	0°♄12'13	-1°58'21	
minimum elong	-1636 Sep 23 j 09:14	16°♄21'42	1°03'18	minimum elong		-1635 Sep 07 j 11:36	0°♄03'18	1°57'13	
asc. node	-1636 Sep 26 j 10:34	12°♄36'57				-1635 Sep 07 j 12:40	30°♄		
morning rise	-1636 Sep 28 j 21:28	10°♄26'05		morning rise		-1635 Sep 13 j 05:05	24°♄22'00		
direct	-1636 Oct 02 j 09:31	9°♄15'06		asc. node		-1635 Sep 13 j 07:39	24°♄18'16		
morning max el	-1636 Oct 09 j 19:40	13°♄30'32	19°44'45	direct		-1635 Sep 16 j 07:45	23°♄26'39		
	-1636 Oct 22 j 06:11	0°♄		morning max el		-1635 Sep 23 j 04:06	27°♄16'36	18°52'09	
morning set	-1636 Nov 04 j 02:52	19°♄38'05				-1635 Sep 25 j 14:15	0°♄		
desc. node	-1636 Nov 06 j 05:47	22°♄55'36		morning set		-1635 Oct 14 j 17:26	28°♄46'21		
	-1636 Nov 10 j 18:34	0°♄				-1635 Oct 15 j 12:03	0°♄		
max. Earth dist.	-1636 Nov 16 j 10:33	8°♄56'26	1.44202 AU	desc. node		-1635 Oct 24 j 02:49	13°♄35'25		
				max. Earth dist.		-1635 Oct 30 j 03:48	23°♄05'47	1.44884 AU	
superior conj	-1636 Nov 20 j 19:56	15°♄58'08	-1°25'37						
minimum elong	-1636 Nov 20 j 12:12	15°♄27'02	1°24'53	superior conj		-1635 Oct 31 j 00:26	24°♄26'59	-0°43'40	
	-1636 Nov 29 j 09:23	0°♄		minimum elong		-1635 Oct 30 j 18:52	24°♄05'04	0°42'58	
evening rise	-1636 Dec 04 j 13:11	8°♄40'11				-1635 Nov 03 j 12:50	0°♄		
	-1636 Dec 17 j 12:05	0°♄		evening rise		-1635 Nov 15 j 13:47	19°♄13'40		
evening max el	-1636 Dec 23 j 02:06	7°♄09'12	18°18'45			-1635 Nov 22 j 05:51	0°♄		
asc. node	-1636 Dec 23 j 09:50	7°♄28'27		evening max el		-1635 Dec 06 j 13:28	20°♄33'24	18°47'48	
retrograde	-1636 Dec 29 j 14:29	10°♄41'09		asc. node		-1635 Dec 10 j 06:52	23°♄31'51		
evening set	-1635 Jan 01 j 12:28	9°♄55'50		retrograde		-1635 Dec 13 j 07:40	24°♄21'54		
inferior conj	-1635 Jan 07 j 14:21	4°♄31'13	3°45'33	evening set		-1635 Dec 16 j 11:02	23°♄25'35		
minimum elong	-1635 Jan 07 j 12:24	4°♄36'42	3°45'17	inferior conj		-1635 Dec 22 j 05:36	17°♄43'25	3°20'40	
min. Earth dist.	-1635 Jan 09 j 22:53	1°♄53'53	0.63685 AU	minimum elong		-1635 Dec 22 j 02:48	17°♄51'59	3°20'02	
	-1635 Jan 11 j 19:09	30°♄		min. Earth dist.		-1635 Dec 23 j 22:56	15°♄37'22	0.65173 AU	
morning rise	-1635 Jan 13 j 11:43	28°♄30'11		morning rise		-1635 Dec 27 j 18:15	11°♄35'47		
direct	-1635 Jan 20 j 11:35	25°♄42'00		direct		-1634 Jan 03 j 10:24	8°♄44'12		

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning max el	-1634 Jan 16 j 13:52	16° ♂ 22'54	26°55'38	morning rise	-1634 Dec 11 j 11:30	24° ♂ 55'43	
desc. node	-1634 Jan 20 j 02:04	20° ♂ 08'25		direct	-1634 Dec 17 j 15:10	22° ♂ 12'54	
	-1634 Jan 27 j 21:54	0° ♂		morning max el	-1634 Dec 29 j 23:13	29° ♂ 30'45	25°49'45
	-1634 Feb 15 j 20:55	0° ♂			-1634 Dec 30 j 10:44	0° ♂	
morning set	-1634 Feb 21 j 08:11	10° ♂ 09'08		desc. node	-1633 Jan 06 j 23:05	8° ♂ 43'35	
max. Earth dist.	-1634 Feb 25 j 19:27	18° ♂ 57'29	1.34336 AU		-1633 Jan 21 j 18:45	0° ♂	
				morning set	-1633 Feb 04 j 05:26	22° ♂ 55'41	
superior conj	-1634 Mar 01 j 17:19	26° ♂ 59'33	-1°04'06		-1633 Feb 07 j 23:53	0° ♂	
minimum elong	-1634 Mar 01 j 20:11	27° ♂ 14'33	1°03'38	max. Earth dist.	-1633 Feb 08 j 02:27	0° ♂ 12'22	1.35834 AU
	-1634 Mar 03 j 03:47	0° ♂					
asc. node	-1634 Mar 08 j 06:15	10° ♂ 45'00		superior conj	-1633 Feb 13 j 12:04	10° ♂ 50'08	-1°27'14
evening rise	-1634 Mar 09 j 04:15	12° ♂ 39'47		minimum elong	-1633 Feb 13 j 15:35	11° ♂ 07'51	1°26'48
	-1634 Mar 18 j 04:17	0° ♂		evening rise	-1633 Feb 21 j 10:32	27° ♂ 04'07	
evening max el	-1634 Mar 29 j 03:55	14° ♂ 50'01	21°26'04		-1633 Feb 22 j 21:15	0° ♂	
retrograde	-1634 Apr 10 j 05:12	20° ♂ 40'20		asc. node	-1633 Feb 23 j 03:16	0° ♂ 30'13	
evening set	-1634 Apr 12 j 15:53	20° ♂ 26'41		evening max el	-1633 Mar 11 j 11:19	26° ♂ 11'32	20°08'25
desc. node	-1634 Apr 18 j 01:11	18° ♂ 33'46			-1633 Mar 16 j 19:42	0° ♂	
inferior conj	-1634 Apr 22 j 00:37	16° ♂ 25'56	-1°07'15	retrograde	-1633 Mar 21 j 20:28	1° ♂ 09'09	
minimum elong	-1634 Apr 21 j 21:28	16° ♂ 30'21	1°06'08	evening set	-1633 Mar 24 j 00:43	0° ♂ 57'00	
min. Earth dist.	-1634 Apr 22 j 05:30	16° ♂ 19'05	0.55060 AU		-1633 Mar 27 j 04:42	30° ♂	
morning rise	-1634 May 01 j 03:30	12° ♂ 24'49		inferior conj	-1633 Apr 01 j 22:11	26° ♂ 57'43	0°50'20
direct	-1634 May 04 j 03:52	12° ♂ 04'59		minimum elong	-1633 Apr 02 j 00:22	26° ♂ 54'25	0°49'34
morning max el	-1634 May 16 j 16:56	18° ♂ 02'30	22°06'54	min. Earth dist.	-1633 Apr 03 j 19:37	25° ♂ 49'40	0.55489 AU
	-1634 May 26 j 06:20	0° ♂		desc. node	-1633 Apr 04 j 22:14	25° ♂ 11'03	
asc. node	-1634 Jun 04 j 05:35	16° ♂ 06'36		morning rise	-1633 Apr 10 j 22:06	22° ♂ 32'11	
morning set	-1634 Jun 07 j 00:12	21° ♂ 46'56		direct	-1633 Apr 14 j 17:54	22° ♂ 00'08	
	-1634 Jun 10 j 21:49	0° ♂		morning max el	-1633 Apr 28 j 10:45	28° ♂ 46'10	23°46'14
					-1633 Apr 29 j 16:44	0° ♂	
superior conj	-1634 Jun 14 j 06:35	7° ♂ 07'17	1°28'25		-1633 May 19 j 04:50	0° ♂	
minimum elong	-1634 Jun 14 j 04:05	6° ♂ 54'06	1°28'09	morning set	-1633 May 22 j 11:53	6° ♂ 45'31	
max. Earth dist.	-1634 Jun 17 j 13:41	13° ♂ 58'07	1.34561 AU	asc. node	-1633 May 22 j 02:37	5° ♂ 57'03	
evening rise	-1634 Jun 22 j 06:57	23° ♂ 23'24					
	-1634 Jun 25 j 18:37	0° ♂		superior conj	-1633 May 29 j 13:37	21° ♂ 55'29	1°11'15
	-1634 Jul 14 j 07:13	0° ♂		minimum elong	-1633 May 29 j 11:07	21° ♂ 42'01	1°10'52
desc. node	-1634 Jul 15 j 00:26	0° ♂ 59'20		max. Earth dist.	-1633 May 31 j 15:09	26° ♂ 20'22	1.33494 AU
evening max el	-1634 Jul 27 j 04:51	15° ♂ 24'55	27°02'33		-1633 Jun 02 j 08:47	0° ♂	
retrograde	-1634 Aug 09 j 10:27	22° ♂ 44'14		evening rise	-1633 Jun 06 j 01:03	7° ♂ 32'48	
evening set	-1634 Aug 16 j 07:58	19° ♂ 57'09			-1633 Jun 18 j 06:42	0° ♂	
min. Earth dist.	-1634 Aug 20 j 04:23	16° ♂ 08'27	0.65264 AU	desc. node	-1633 Jul 01 j 21:28	19° ♂ 56'29	
inferior conj	-1634 Aug 22 j 03:57	13° ♂ 52'25	-2°50'14	evening max el	-1633 Jul 09 j 15:34	28° ♂ 35'10	27°24'31
minimum elong	-1634 Aug 22 j 07:53	13° ♂ 41'10	2°48'55		-1633 Jul 11 j 04:29	0° ♂	
morning rise	-1634 Aug 28 j 08:22	8° ♂ 15'58		retrograde	-1633 Jul 23 j 06:40	5° ♂ 56'54	
direct	-1634 Aug 31 j 03:59	7° ♂ 32'50		evening set	-1633 Jul 30 j 10:44	3° ♂ 15'16	
asc. node	-1634 Aug 31 j 04:45	7° ♂ 32'51		min. Earth dist.	-1633 Aug 03 j 01:46	0° ♂ 00'47	0.63796 AU
morning max el	-1634 Sep 06 j 17:19	11° ♂ 06'27	18°15'52		-1633 Aug 03 j 02:04	30° ♂	
	-1634 Sep 19 j 20:33	0° ♂		inferior conj	-1633 Aug 05 j 14:52	27° ♂ 22'24	-3°36'43
morning set	-1634 Sep 25 j 11:44	9° ♂ 16'43		minimum elong	-1633 Aug 05 j 19:13	27° ♂ 11'04	3°35'35
	-1634 Oct 08 j 06:21	0° ♂		morning rise	-1633 Aug 12 j 04:40	22° ♂ 02'46	
				direct	-1633 Aug 14 j 19:35	21° ♂ 28'41	
superior conj	-1634 Oct 10 j 01:54	2° ♂ 53'02	0°05'57	asc. node	-1633 Aug 18 j 01:48	22° ♂ 21'44	
minimum elong	-1634 Oct 10 j 02:39	2° ♂ 56'01	0°05'51	morning max el	-1633 Aug 21 j 08:39	24° ♂ 54'31	17°57'00
behind sun begin	-1634 Oct 09 j 16:15	2° ♂ 14'47			-1633 Aug 25 j 13:04	0° ♂	
behind sun end	-1634 Oct 10 j 13:02	3° ♂ 37'11		morning set	-1633 Sep 07 j 08:24	21° ♂ 03'09	
desc. node	-1634 Oct 10 j 23:48	4° ♂ 19'49			-1633 Sep 12 j 13:29	0° ♂	
max. Earth dist.	-1634 Oct 12 j 22:23	7° ♂ 23'51	1.44831 AU				
evening rise	-1634 Oct 26 j 14:28	28° ♂ 47'48		superior conj	-1633 Sep 19 j 21:41	12° ♂ 16'11	0°50'29
	-1634 Oct 27 j 08:59	0° ♂		minimum elong	-1633 Sep 20 j 02:35	12° ♂ 36'20	0°49'52
greatest brilliancy	-1634 Nov 07 j 09:10	17° ♂ 01'41	-0.7m	max. Earth dist.	-1633 Sep 25 j 15:05	21° ♂ 32'20	1.44066 AU
	-1634 Nov 16 j 11:00	0° ♂		desc. node	-1633 Sep 27 j 20:49	25° ♂ 06'02	
evening max el	-1634 Nov 19 j 21:16	3° ♂ 59'36	19°33'34		-1633 Sep 30 j 23:28	0° ♂	
retrograde	-1634 Nov 27 j 04:16	8° ♂ 13'30		evening rise	-1633 Oct 05 j 22:30	7° ♂ 42'27	
asc. node	-1634 Nov 27 j 03:55	8° ♂ 13'30			-1633 Oct 20 j 17:03	0° ♂	
evening set	-1634 Nov 30 j 14:45	7° ♂ 04'24		evening max el	-1633 Nov 02 j 23:55	17° ♂ 26'42	20°33'57
inferior conj	-1634 Dec 06 j 04:09	1° ♂ 07'43	2°45'16	retrograde	-1633 Nov 11 j 01:47	22° ♂ 12'56	
minimum elong	-1634 Dec 06 j 01:14	1° ♂ 17'12	2°44'23	asc. node	-1633 Nov 14 j 00:57	21° ♂ 22'29	
	-1634 Dec 07 j 00:54	30° ♂		evening set	-1633 Nov 14 j 21:26	20° ♂ 48'54	
min. Earth dist.	-1634 Dec 07 j 07:33	29° ♂ 38'27	0.66287 AU	inferior conj	-1633 Nov 20 j 07:30	14° ♂ 41'01	2°02'20

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1633 Nov 20 j 05:01	14° \mathbb{M} 49'26	2°01'25	min. Earth dist.	-1632 Nov 03 j 17:34	28° \mathbb{A} 06'31	0.67464 AU
min. Earth dist.	-1633 Nov 20 j 22:35	13° \mathbb{M} 49'51	0.67043 AU	morning rise	-1632 Nov 08 j 18:26	22° \mathbb{A} 06'43	
morning rise	-1633 Nov 25 j 12:25	8° \mathbb{M} 26'57		direct	-1632 Nov 13 j 16:12	20° \mathbb{A} 02'21	
direct	-1633 Dec 01 j 01:24	6° \mathbb{M} 01'12		morning max el	-1632 Nov 23 j 17:12	26° \mathbb{A} 00'55	23°00'44
morning max el	-1633 Dec 12 j 07:40	12° \mathbb{M} 44'18	24°28'05		-1632 Nov 27 j 08:22	0° \mathbb{M}	
desc. node	-1633 Dec 24 j 20:06	28° \mathbb{M} 01'33		desc. node	-1632 Dec 10 j 17:08	17° \mathbb{M} 49'46	
	-1633 Dec 26 j 06:15	0° \mathbb{X}			-1632 Dec 18 j 20:19	0° \mathbb{X}	
	-1632 Jan 14 j 14:05	0° \mathbb{Z}		morning set	-1632 Dec 28 j 05:14	14° \mathbb{X} 59'50	
morning set	-1632 Jan 17 j 06:32	4° \mathbb{Z} 38'01		max. Earth dist.	-1631 Jan 01 j 18:53	22° \mathbb{X} 43'16	1.39827 AU
max. Earth dist.	-1632 Jan 20 j 23:42	11° \mathbb{Z} 14'54	1.37725 AU		-1631 Jan 05 j 22:34	0° \mathbb{Z}	
superior conj	-1632 Jan 27 j 19:51	24° \mathbb{Z} 03'29	-1°46'00	superior conj	-1631 Jan 09 j 12:21	6° \mathbb{Z} 28'04	-1°57'26
minimum elong	-1632 Jan 27 j 23:08	24° \mathbb{Z} 19'19	1°45'45	minimum elong	-1631 Jan 09 j 13:56	6° \mathbb{Z} 35'22	1°57'24
	-1632 Jan 30 j 20:57	0° \mathbb{A}		evening rise	-1631 Jan 19 j 02:21	24° \mathbb{Z} 33'20	
evening rise	-1632 Feb 05 j 10:49	11° \mathbb{A} 04'22			-1631 Jan 21 j 23:05	0° \mathbb{A}	
asc. node	-1632 Feb 10 j 00:17	19° \mathbb{A} 56'09		asc. node	-1631 Jan 26 j 21:18	8° \mathbb{A} 56'00	
	-1632 Feb 15 j 19:16	0° \mathbb{H}		evening max el	-1631 Feb 04 j 08:43	20° \mathbb{A} 41'43	18°29'40
evening max el	-1632 Feb 22 j 05:36	8° \mathbb{H} 10'33	19°09'06	retrograde	-1631 Feb 11 j 21:58	24° \mathbb{A} 23'46	
retrograde	-1632 Mar 01 j 23:55	12° \mathbb{H} 22'33		evening set	-1631 Feb 14 j 09:31	24° \mathbb{A} 01'06	
evening set	-1632 Mar 04 j 06:52	12° \mathbb{H} 06'35		inferior conj	-1631 Feb 21 j 19:14	19° \mathbb{A} 29'42	3°26'07
inferior conj	-1632 Mar 12 j 10:28	7° \mathbb{H} 54'57	2°26'07	minimum elong	-1631 Feb 21 j 22:47	19° \mathbb{A} 22'37	3°25'30
minimum elong	-1632 Mar 12 j 15:05	7° \mathbb{H} 47'02	2°24'51	min. Earth dist.	-1631 Feb 25 j 05:18	16° \mathbb{A} 47'17	0.58618 AU
min. Earth dist.	-1632 Mar 15 j 11:05	5° \mathbb{H} 51'30	0.56772 AU	morning rise	-1631 Mar 01 j 09:36	14° \mathbb{A} 05'02	
morning rise	-1632 Mar 20 j 20:23	2° \mathbb{H} 57'32		direct	-1631 Mar 07 j 11:39	12° \mathbb{A} 29'56	
desc. node	-1632 Mar 21 j 19:16	2° \mathbb{H} 37'40		desc. node	-1631 Mar 08 j 16:17	12° \mathbb{A} 33'34	
direct	-1632 Mar 25 j 20:13	1° \mathbb{H} 59'15		morning max el	-1631 Mar 21 j 18:59	20° \mathbb{A} 06'07	26°42'52
morning max el	-1632 Apr 09 j 01:29	9° \mathbb{H} 18'05	25°23'14		-1631 Mar 30 j 06:30	0° \mathbb{H}	
	-1632 Apr 24 j 13:51	0° \mathbb{Y}			-1631 Apr 17 j 04:04	0° \mathbb{Y}	
morning set	-1632 May 05 j 23:51	21° \mathbb{Y} 45'25		morning set	-1631 Apr 20 j 10:29	6° \mathbb{Y} 40'55	
asc. node	-1632 May 07 j 23:38	25° \mathbb{Y} 59'31		asc. node	-1631 Apr 24 j 20:41	16° \mathbb{Y} 09'22	
	-1632 May 09 j 20:09	0° \mathbb{B}					
superior conj	-1632 May 12 j 23:53	6° \mathbb{B} 52'59	0°50'36	superior conj	-1631 Apr 27 j 11:34	21° \mathbb{Y} 53'27	0°27'21
minimum elong	-1632 May 12 j 21:51	6° \mathbb{B} 41'57	0°50'14	minimum elong	-1631 Apr 27 j 10:23	21° \mathbb{Y} 46'56	0°27'07
max. Earth dist.	-1632 May 13 j 23:55	9° \mathbb{B} 03'52	1.32805 AU	max. Earth dist.	-1631 Apr 27 j 12:38	21° \mathbb{Y} 59'21	1.32469 AU
evening rise	-1632 May 20 j 03:13	22° \mathbb{B} 06'32		evening rise	-1631 May 01 j 04:42	0° \mathbb{B}	
	-1632 May 24 j 01:51	0° \mathbb{I}			-1631 May 04 j 10:42	6° \mathbb{B} 55'31	
	-1632 Jun 11 j 06:32	0° \mathbb{E}		evening max el	-1631 May 16 j 15:16	0° \mathbb{I}	
desc. node	-1632 Jun 17 j 18:30	7° \mathbb{E} 58'13		desc. node	-1631 Jun 03 j 01:31	23° \mathbb{I} 14'57	26°33'22
evening max el	-1632 Jun 20 j 23:16	11° \mathbb{E} 15'14	27°15'25		-1631 Jun 04 j 15:31	24° \mathbb{I} 41'39	
retrograde	-1632 Jul 04 j 20:20	18° \mathbb{E} 34'58		retrograde	-1631 Jun 13 j 13:03	0° \mathbb{E}	
evening set	-1632 Jul 11 j 22:47	16° \mathbb{E} 12'48			-1631 Jun 17 j 02:02	0° \mathbb{E} 31'04	
min. Earth dist.	-1632 Jul 15 j 13:09	13° \mathbb{E} 23'21	0.61994 AU	evening set	-1631 Jun 20 j 13:32	30° \mathbb{R} \mathbb{I}	
inferior conj	-1632 Jul 18 j 14:23	10° \mathbb{E} 34'45	-4°13'23	min. Earth dist.	-1631 Jun 23 j 15:46	28° \mathbb{I} 41'13	
minimum elong	-1632 Jul 18 j 18:02	10° \mathbb{E} 26'20	4°12'47	inferior conj	-1631 Jun 27 j 14:48	26° \mathbb{I} 02'11	0.59978 AU
morning rise	-1632 Jul 25 j 14:41	5° \mathbb{E} 34'46		minimum elong	-1631 Jun 30 j 23:05	23° \mathbb{I} 21'04	-4°33'20
direct	-1632 Jul 28 j 03:16	5° \mathbb{E} 07'04		morning rise	-1631 Jul 01 j 00:18	23° \mathbb{I} 18'36	4°33'16
asc. node	-1632 Aug 03 j 22:52	8° \mathbb{E} 32'39		direct	-1631 Jul 08 j 10:51	18° \mathbb{I} 42'59	
morning max el	-1632 Aug 03 j 23:15	8° \mathbb{E} 33'35	17°56'27	morning max el	-1631 Jul 10 j 23:02	18° \mathbb{I} 19'47	
	-1632 Aug 17 j 23:05	0° \mathbb{O}		asc. node	-1631 Jul 18 j 10:14	21° \mathbb{I} 56'43	18°15'13
morning set	-1632 Aug 20 j 01:39	3° \mathbb{O} 48'42			-1631 Jul 21 j 19:56	25° \mathbb{I} 50'38	
					-1631 Jul 24 j 16:50	0° \mathbb{E}	
superior conj	-1632 Aug 30 j 20:45	23° \mathbb{O} 00'01	1°22'34	morning set	-1631 Jul 24 j 16:50	0° \mathbb{E}	
minimum elong	-1632 Aug 31 j 01:41	23° \mathbb{O} 21'14	1°22'06		-1631 Aug 03 j 10:02	17° \mathbb{E} 18'58	
	-1632 Sep 03 j 23:38	0° \mathbb{P}			-1631 Aug 10 j 03:54	0° \mathbb{O}	
max. Earth dist.	-1632 Sep 07 j 03:31	5° \mathbb{P} 14'28	1.42695 AU	superior conj	-1631 Aug 12 j 21:22	5° \mathbb{O} 00'15	1°41'04
desc. node	-1632 Sep 13 j 17:50	15° \mathbb{P} 50'29		minimum elong	-1631 Aug 13 j 00:11	5° \mathbb{O} 13'03	1°40'56
evening rise	-1632 Sep 14 j 06:47	16° \mathbb{P} 41'23		max. Earth dist.	-1631 Aug 20 j 10:47	18° \mathbb{O} 18'34	1.40897 AU
	-1632 Sep 22 j 22:50	0° \mathbb{U}		evening rise	-1631 Aug 25 j 08:44	26° \mathbb{O} 30'49	
	-1632 Oct 14 j 23:59	0° \mathbb{M}			-1631 Aug 27 j 12:20	0° \mathbb{P}	
evening max el	-1632 Oct 15 j 20:41	0° \mathbb{M} 54'02	21°45'52	desc. node	-1631 Aug 31 j 14:53	6° \mathbb{P} 29'49	
retrograde	-1632 Oct 24 j 22:11	6° \mathbb{M} 17'10			-1631 Sep 16 j 16:26	0° \mathbb{U}	
evening set	-1632 Oct 29 j 05:13	4° \mathbb{M} 35'58		evening max el	-1631 Sep 28 j 12:14	14° \mathbb{U} 22'53	23°04'46
asc. node	-1632 Oct 30 j 22:00	2° \mathbb{M} 59'49		retrograde	-1631 Oct 08 j 16:05	20° \mathbb{U} 24'00	
	-1632 Nov 02 j 08:26	30° \mathbb{R} \mathbb{U}		evening set	-1631 Oct 13 j 12:26	18° \mathbb{U} 24'10	
inferior conj	-1632 Nov 03 j 13:33	28° \mathbb{U} 20'24	1°13'58	asc. node	-1631 Oct 17 j 19:04	13° \mathbb{U} 31'20	
minimum elong	-1632 Nov 03 j 11:55	28° \mathbb{U} 26'03	1°13'17	inferior conj	-1631 Oct 18 j 20:29	12° \mathbb{U} 04'20	0°21'53
				minimum elong	-1631 Oct 18 j 19:58	12° \mathbb{U} 06'06	0°21'39

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

min. Earth dist.	-1631 Oct 18 j 14:05	12° Ω 26'22	0.67565 AU	min. Earth dist.	-1630 Oct 02 j 09:45	26° Π 47'15	0.67348 AU
morning rise	-1631 Oct 24 j 03:25	5° Ω 53'39		inferior conj	-1630 Oct 03 j 02:34	25° Π 50'48	-0°32'22
direct	-1631 Oct 28 j 10:43	4° Ω 11'38		minimum elong	-1630 Oct 03 j 03:21	25° Π 48'10	0°32'02
morning max el	-1631 Nov 06 j 07:28	9° Ω 24'50	21°36'32	asc. node	-1630 Oct 04 j 16:09	23° Π 46'57	
	-1631 Nov 22 j 04:13	0° Π		morning rise	-1630 Oct 08 j 13:23	19° Π 45'46	
desc. node	-1631 Nov 27 j 14:12	7° Π 59'54		direct	-1630 Oct 12 j 07:47	18° Π 24'27	
morning set	-1631 Dec 07 j 23:04	23° Π 59'34		morning max el	-1630 Oct 20 j 04:55	22° Π 58'33	20°21'48
	-1631 Dec 11 j 16:58	0° Σ			-1630 Oct 26 j 02:39	0° Ω	
max. Earth dist.	-1631 Dec 14 j 19:43	5° Σ 05'56	1.41849 AU	desc. node	-1630 Nov 14 j 11:16	28° Ω 25'29	
					-1630 Nov 15 j 11:49	0° Π	
superior conj	-1631 Dec 22 j 08:13	17° Σ 51'01	-1°57'40	morning set	-1630 Nov 16 j 21:44	2° Π 11'06	
minimum elong	-1631 Dec 22 j 06:16	17° Σ 42'36	1°57'38	max. Earth dist.	-1630 Nov 27 j 04:04	18° Π 21'37	1.43499 AU
	-1631 Dec 29 j 04:19	0° Σ					
evening rise	-1630 Jan 02 j 05:44	7° Σ 24'07		superior conj	-1630 Dec 03 j 02:16	28° Π 00'35	-1°42'28
asc. node	-1630 Jan 13 j 18:21	27° Σ 21'40		minimum elong	-1630 Dec 02 j 19:59	27° Π 34'39	1°42'02
	-1630 Jan 15 j 15:15	0° \approx			-1630 Dec 04 j 07:05	0° Σ	
evening max el	-1630 Jan 18 j 17:47	3° \approx 37'01	18°10'09	evening rise	-1630 Dec 15 j 16:51	19° Σ 28'28	
retrograde	-1630 Jan 25 j 13:39	7° \approx 05'04			-1630 Dec 21 j 18:18	0° Σ	
evening set	-1630 Jan 28 j 05:11	6° \approx 34'23		asc. node	-1630 Dec 31 j 15:24	15° Σ 03'01	
inferior conj	-1630 Feb 03 j 23:58	1° \approx 41'24	3°52'35	evening max el	-1629 Jan 02 j 05:54	16° Σ 48'48	18°10'10
minimum elong	-1630 Feb 04 j 01:03	1° \approx 38'52	3°52'30	retrograde	-1629 Jan 08 j 18:39	20° Σ 16'22	
	-1630 Feb 05 j 19:33	30° \Re Σ		evening set	-1629 Jan 11 j 13:59	19° Σ 36'49	
min. Earth dist.	-1630 Feb 07 j 05:22	28° Σ 43'33	0.60680 AU	inferior conj	-1629 Jan 17 j 21:11	14° Σ 23'12	3°53'34
morning rise	-1630 Feb 10 j 19:20	25° Σ 57'31		minimum elong	-1629 Jan 17 j 20:06	14° Σ 26'02	3°53'29
direct	-1630 Feb 17 j 14:13	23° Σ 45'26		min. Earth dist.	-1629 Jan 20 j 14:15	11° Σ 33'00	0.62657 AU
desc. node	-1630 Feb 23 j 13:21	25° Σ 17'56		morning rise	-1629 Jan 24 j 01:18	8° Σ 26'52	
	-1630 Mar 02 j 04:12	0° \approx		direct	-1629 Jan 31 j 02:00	5° Σ 47'35	
morning max el	-1630 Mar 03 j 18:44	1° \approx 30'45	27°32'16	desc. node	-1629 Feb 10 j 10:25	10° Σ 23'20	
	-1630 Mar 24 j 10:56	0° \Re		morning max el	-1629 Feb 14 j 00:22	13° Σ 36'58	27°45'10
morning set	-1630 Apr 04 j 17:55	21° \Re 24'38			-1629 Feb 27 j 05:31	0° \approx	
	-1630 Apr 08 j 19:30	0° Υ			-1629 Mar 16 j 21:29	0° \Re	
max. Earth dist.	-1630 Apr 11 j 01:24	4° Υ 52'17	1.32485 AU	morning set	-1629 Mar 19 j 20:01	5° \Re 49'21	
				max. Earth dist.	-1629 Mar 25 j 10:08	17° \Re 28'21	1.32874 AU
superior conj	-1630 Apr 11 j 22:56	6° Υ 49'57	0°02'19				
minimum elong	-1630 Apr 11 j 22:50	6° Υ 49'24	0°02'18	superior conj	-1629 Mar 27 j 08:22	21° \Re 37'02	-0°23'43
behind sun begin	-1630 Apr 11 j 17:50	6° Υ 22'04		minimum elong	-1629 Mar 27 j 09:28	21° \Re 43'01	0°23'29
behind sun end	-1630 Apr 12 j 03:50	7° Υ 16'44		asc. node	-1629 Mar 29 j 14:46	26° \Re 31'54	
asc. node	-1630 Apr 11 j 17:43	6° Υ 21'24			-1629 Mar 31 j 05:11	0° Υ	
evening rise	-1630 Apr 18 j 21:16	21° Υ 50'48		evening rise	-1629 Apr 03 j 09:01	6° Υ 45'50	
	-1630 Apr 22 j 20:39	0° \Re			-1629 Apr 15 j 17:04	0° \Re	
	-1630 May 11 j 15:53	0° Π		evening max el	-1629 Apr 27 j 12:03	15° \Re 13'17	23°51'55
evening max el	-1630 May 15 j 20:56	4° Π 29'56	25°22'04	desc. node	-1629 May 09 j 09:34	21° \Re 59'21	
desc. node	-1630 May 22 j 12:34	9° Π 34'20		retrograde	-1629 May 11 j 06:16	22° \Re 07'17	
retrograde	-1630 May 29 j 21:58	11° Π 40'14		evening set	-1629 May 15 j 08:48	21° \Re 29'55	
evening set	-1630 Jun 04 j 10:20	10° Π 29'08		min. Earth dist.	-1629 May 21 j 23:08	18° \Re 22'05	0.56265 AU
min. Earth dist.	-1630 Jun 09 j 08:51	7° Π 43'06	0.57961 AU	inferior conj	-1629 May 24 j 07:16	16° \Re 56'21	-3°41'10
inferior conj	-1630 Jun 12 j 13:18	5° Π 30'23	-4°26'30	minimum elong	-1629 May 24 j 00:56	17° \Re 06'04	3°39'47
minimum elong	-1630 Jun 12 j 10:30	5° Π 35'17	4°26'14	morning rise	-1629 Jun 01 j 20:04	12° \Re 56'53	
morning rise	-1630 Jun 20 j 13:25	1° Π 14'18		direct	-1629 Jun 04 j 10:03	12° \Re 39'46	
direct	-1630 Jun 23 j 02:16	0° Π 54'37		morning max el	-1629 Jun 14 j 09:46	17° \Re 17'04	19°54'21
morning max el	-1630 Jul 01 j 14:39	4° Π 54'17	18°54'23		-1629 Jun 23 j 23:04	0° Π	
asc. node	-1630 Jul 08 j 17:01	14° Π 00'25		asc. node	-1629 Jun 25 j 14:05	2° Π 49'47	
	-1630 Jul 17 j 12:27	0° Φ		morning set	-1629 Jul 02 j 07:49	15° Π 48'36	
morning set	-1630 Jul 18 j 05:09	1° Φ 21'45			-1629 Jul 09 j 07:42	0° Φ	
superior conj	-1630 Jul 26 j 17:54	18° Φ 00'49	1°47'56	superior conj	-1629 Jul 10 j 04:56	1° Φ 46'12	1°45'38
minimum elong	-1630 Jul 26 j 18:24	18° Φ 03'11	1°47'57	minimum elong	-1629 Jul 10 j 03:41	1° Φ 39'58	1°45'36
	-1630 Aug 02 j 05:04	0° Ω		max. Earth dist.	-1629 Jul 15 j 17:22	12° Φ 30'17	1.36991 AU
max. Earth dist.	-1630 Aug 02 j 13:50	0° Ω 39'18	1.38909 AU	evening rise	-1629 Jul 19 j 14:42	19° Φ 42'07	
evening rise	-1630 Aug 06 j 11:48	7° Ω 31'32			-1629 Jul 25 j 12:00	0° Ω	
desc. node	-1630 Aug 18 j 11:55	26° Ω 59'24		desc. node	-1629 Aug 05 j 08:56	17° Ω 14'00	
	-1630 Aug 20 j 11:41	0° Π			-1629 Aug 14 j 12:56	0° Π	
evening max el	-1630 Sep 11 j 00:19	27° Π 54'03	24°24'45	evening max el	-1629 Aug 24 j 11:22	11° Π 27'59	25°38'28
	-1630 Sep 13 j 06:15	0° Ω		retrograde	-1629 Sep 05 j 16:26	18° Π 29'10	
retrograde	-1630 Sep 22 j 06:26	4° Ω 29'39		evening set	-1629 Sep 11 j 18:02	15° Π 54'51	
evening set	-1630 Sep 27 j 17:19	2° Ω 11'15		min. Earth dist.	-1629 Sep 16 j 02:09	11° Π 06'49	0.66810 AU
	-1630 Sep 29 j 20:56	30° \Re Π		inferior conj	-1629 Sep 17 j 05:59	9° Π 37'29	-1°27'14

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1629 Sep 17 j 08:08	9° $\overline{\text{M}}$ 30'38	1°26'21	evening set	-1628 Aug 25 j 12:25	29° Ω 32'28	
asc. node	-1629 Sep 21 j 13:14	4° $\overline{\text{M}}$ 44'08		min. Earth dist.	-1628 Aug 29 j 12:56	25° Ω 21'58	0.65928 AU
morning rise	-1629 Sep 22 j 22:25	3° $\overline{\text{M}}$ 40'56		inferior conj	-1628 Aug 31 j 04:53	23° Ω 22'04	-2°20'49
direct	-1629 Sep 26 j 06:04	2° $\overline{\text{M}}$ 37'15		minimum elong	-1628 Aug 31 j 08:15	23° Ω 11'56	2°19'34
morning max el	-1629 Oct 03 j 09:42	6° $\overline{\text{M}}$ 40'59	19°20'23	morning rise	-1628 Sep 06 j 04:28	17° Ω 37'04	
	-1629 Oct 20 j 03:06	0° $\underline{\text{A}}$		asc. node	-1628 Sep 07 j 10:18	17° Ω 04'14	
morning set	-1629 Oct 27 j 00:08	10° $\underline{\text{A}}$ 40'57		direct	-1628 Sep 09 j 03:47	16° Ω 47'23	
desc. node	-1629 Nov 01 j 08:17	19° $\underline{\text{A}}$ 01'09		morning max el	-1628 Sep 15 j 20:27	20° Ω 29'43	18°34'36
	-1629 Nov 08 j 08:13	0° $\overline{\text{M}}$			-1628 Sep 23 j 04:29	0° $\overline{\text{M}}$	
max. Earth dist.	-1629 Nov 09 j 18:18	2° $\overline{\text{M}}$ 14'27	1.44574 AU	morning set	-1628 Oct 06 j 02:12	20° $\overline{\text{M}}$ 24'06	
					-1628 Oct 12 j 02:04	0° $\underline{\text{A}}$	
superior conj	-1629 Nov 12 j 17:50	6° $\overline{\text{M}}$ 58'04	-1°09'30	desc. node	-1628 Oct 18 j 05:19	9° $\underline{\text{A}}$ 43'45	
minimum elong	-1629 Nov 12 j 10:14	6° $\overline{\text{M}}$ 27'51	1°08'39				
	-1629 Nov 26 j 22:15	0° $\overline{\text{A}}$		superior conj	-1628 Oct 21 j 18:21	15° $\underline{\text{A}}$ 18'52	-0°22'48
evening rise	-1629 Nov 27 j 07:04	0° $\overline{\text{A}}$ 36'31		minimum elong	-1628 Oct 21 j 15:20	15° $\underline{\text{A}}$ 06'59	0°22'25
	-1629 Dec 16 j 14:27	0° $\overline{\text{B}}$		max. Earth dist.	-1628 Oct 22 j 12:13	16° $\underline{\text{A}}$ 29'10	1.44955 AU
evening max el	-1629 Dec 16 j 18:15	0° $\overline{\text{B}}$ 09'47	18°28'59		-1628 Oct 31 j 02:20	0° $\overline{\text{M}}$	
asc. node	-1629 Dec 18 j 12:27	1° $\overline{\text{B}}$ 46'18		evening rise	-1628 Nov 06 j 21:17	10° $\overline{\text{M}}$ 44'12	
retrograde	-1629 Dec 23 j 08:22	3° $\overline{\text{B}}$ 47'52		greatest brilliancy	-1628 Nov 15 j 14:39	24° $\overline{\text{M}}$ 33'44	-0.8m
evening set	-1629 Dec 26 j 08:22	2° $\overline{\text{B}}$ 58'14			-1628 Nov 19 j 02:37	0° $\overline{\text{A}}$	
	-1629 Dec 29 j 23:41	30° $\overline{\text{R}}$ $\overline{\text{A}}$		evening max el	-1628 Nov 29 j 04:25	13° $\overline{\text{A}}$ 35'47	19°05'20
inferior conj	-1628 Jan 01 j 06:52	27° $\overline{\text{A}}$ 26'00	3°36'29	asc. node	-1628 Dec 04 j 09:29	17° $\overline{\text{A}}$ 16'59	
minimum elong	-1628 Jan 01 j 04:26	27° $\overline{\text{A}}$ 33'03	3°36'04	retrograde	-1628 Dec 06 j 03:14	17° $\overline{\text{A}}$ 33'50	
min. Earth dist.	-1628 Jan 03 j 08:57	25° $\overline{\text{A}}$ 00'33	0.64360 AU	evening set	-1628 Dec 09 j 09:24	16° $\overline{\text{A}}$ 32'23	
morning rise	-1628 Jan 07 j 00:01	21° $\overline{\text{A}}$ 21'38		inferior conj	-1628 Dec 15 j 01:33	10° $\overline{\text{A}}$ 43'57	3°06'42
direct	-1628 Jan 13 j 21:21	18° $\overline{\text{A}}$ 29'59		minimum elong	-1628 Dec 14 j 22:37	10° $\overline{\text{A}}$ 53'09	3°05'56
morning max el	-1628 Jan 27 j 09:15	26° $\overline{\text{A}}$ 16'01	27°22'29	min. Earth dist.	-1628 Dec 16 j 12:51	8° $\overline{\text{A}}$ 52'58	0.65702 AU
desc. node	-1628 Jan 28 j 07:28	27° $\overline{\text{A}}$ 12'30		morning rise	-1628 Dec 20 j 11:34	4° $\overline{\text{A}}$ 34'17	
	-1628 Jan 30 j 21:05	0° $\overline{\text{B}}$		direct	-1628 Dec 26 j 23:00	1° $\overline{\text{A}}$ 44'51	
	-1628 Feb 20 j 18:34	0° \approx		morning max el	-1627 Jan 08 j 18:46	9° $\overline{\text{A}}$ 16'13	26°29'59
morning set	-1628 Mar 02 j 13:58	19° \approx 45'21		desc. node	-1627 Jan 14 j 04:32	15° $\overline{\text{A}}$ 15'42	
max. Earth dist.	-1628 Mar 07 j 10:49	29° \approx 34'32	1.33673 AU		-1627 Jan 25 j 03:21	0° $\overline{\text{B}}$	
	-1628 Mar 07 j 15:44	0° $\overline{\text{H}}$			-1627 Feb 12 j 05:19	0° \approx	
superior conj	-1628 Mar 10 j 13:56	6° $\overline{\text{H}}$ 08'01	-0°49'41	morning set	-1627 Feb 13 j 20:06	3° \approx 01'14	
minimum elong	-1628 Mar 10 j 16:14	6° $\overline{\text{H}}$ 20'09	0°49'15	max. Earth dist.	-1627 Feb 18 j 00:22	11° \approx 05'30	1.34921 AU
asc. node	-1628 Mar 15 j 11:48	16° $\overline{\text{H}}$ 36'09		superior conj	-1627 Feb 22 j 13:27	20° \approx 16'02	-1°14'20
evening rise	-1628 Mar 17 j 20:07	21° $\overline{\text{H}}$ 33'52		minimum elong	-1627 Feb 22 j 16:40	20° \approx 32'37	1°13'50
	-1628 Mar 21 j 23:27	0° $\overline{\text{Y}}$			-1627 Feb 27 j 05:47	0° $\overline{\text{H}}$	
evening max el	-1628 Apr 08 j 05:14	25° $\overline{\text{Y}}$ 52'44	22°17'20	evening rise	-1627 Mar 02 j 04:44	6° $\overline{\text{H}}$ 08'53	
	-1628 Apr 13 j 13:23	0° $\overline{\text{B}}$		asc. node	-1627 Mar 02 j 08:49	6° $\overline{\text{H}}$ 29'54	
retrograde	-1628 Apr 21 j 02:10	2° $\overline{\text{B}}$ 10'51			-1627 Mar 15 j 10:50	0° $\overline{\text{Y}}$	
evening set	-1628 Apr 23 j 22:58	1° $\overline{\text{B}}$ 52'44		evening max el	-1627 Mar 21 j 06:35	6° $\overline{\text{Y}}$ 54'51	20°51'01
desc. node	-1628 Apr 25 j 06:35	1° $\overline{\text{B}}$ 32'55		retrograde	-1627 Apr 01 j 15:08	12° $\overline{\text{Y}}$ 22'02	
	-1628 Apr 29 j 03:34	30° $\overline{\text{R}}$ $\overline{\text{Y}}$		evening set	-1627 Apr 03 j 21:31	12° $\overline{\text{Y}}$ 09'51	
min. Earth dist.	-1628 May 02 j 12:36	28° $\overline{\text{Y}}$ 11'26	0.55240 AU	desc. node	-1627 Apr 12 j 03:38	8° $\overline{\text{Y}}$ 45'13	
inferior conj	-1628 May 03 j 08:16	27° $\overline{\text{Y}}$ 43'37	-2°12'41	inferior conj	-1627 Apr 13 j 02:51	8° $\overline{\text{Y}}$ 12'14	-0°16'27
minimum elong	-1628 May 03 j 02:32	27° $\overline{\text{Y}}$ 51'44	2°10'51	minimum elong	-1627 Apr 13 j 02:05	8° $\overline{\text{Y}}$ 13'20	0°16'09
morning rise	-1628 May 12 j 07:44	23° $\overline{\text{Y}}$ 47'50		min. Earth dist.	-1627 Apr 14 j 02:12	7° $\overline{\text{Y}}$ 38'56	0.55128 AU
direct	-1628 May 15 j 02:02	23° $\overline{\text{Y}}$ 30'30		morning rise	-1627 Apr 22 j 05:55	4° $\overline{\text{Y}}$ 02'31	
morning max el	-1628 May 26 j 17:57	28° $\overline{\text{Y}}$ 58'11	21°13'56	direct	-1627 Apr 25 j 13:26	3° $\overline{\text{Y}}$ 38'42	
	-1628 May 27 j 19:27	0° $\overline{\text{B}}$		morning max el	-1627 May 08 j 15:48	9° $\overline{\text{Y}}$ 58'26	22°48'35
asc. node	-1628 Jun 11 j 11:08	22° $\overline{\text{B}}$ 09'05			-1627 May 23 j 04:33	0° $\overline{\text{B}}$	
	-1628 Jun 15 j 09:11	0° $\overline{\text{II}}$		asc. node	-1627 May 29 j 08:09	11° $\overline{\text{B}}$ 50'07	
morning set	-1628 Jun 15 j 15:33	0° $\overline{\text{II}}$ 32'50		morning set	-1627 May 31 j 02:18	15° $\overline{\text{B}}$ 27'58	
					-1627 Jun 06 j 22:14	0° $\overline{\text{II}}$	
superior conj	-1628 Jun 23 j 02:10	16° $\overline{\text{II}}$ 03'49	1°36'18	superior conj	-1627 Jun 07 j 06:20	0° $\overline{\text{II}}$ 43'04	1°21'37
minimum elong	-1628 Jun 22 j 23:55	15° $\overline{\text{II}}$ 52'12	1°36'08	minimum elong	-1627 Jun 07 j 03:46	0° $\overline{\text{II}}$ 29'24	1°21'18
max. Earth dist.	-1628 Jun 27 j 03:50	24° $\overline{\text{II}}$ 20'27	1.35341 AU	max. Earth dist.	-1627 Jun 10 j 00:12	6° $\overline{\text{II}}$ 30'02	1.34059 AU
	-1628 Jun 30 j 01:01	0° $\overline{\text{B}}$		evening rise	-1627 Jun 15 j 00:32	16° $\overline{\text{II}}$ 40'56	
evening rise	-1628 Jul 01 j 12:36	2° $\overline{\text{B}}$ 50'13			-1627 Jun 22 j 02:54	0° $\overline{\text{B}}$	
	-1628 Jul 17 j 10:05	0° $\overline{\Omega}$		desc. node	-1627 Jul 09 j 02:56	26° $\overline{\text{B}}$ 28'00	
desc. node	-1628 Jul 22 j 05:55	7° $\overline{\Omega}$ 06'53			-1627 Jul 11 j 20:51	0° $\overline{\Omega}$	
evening max el	-1628 Aug 05 j 22:58	25° $\overline{\Omega}$ 01'39	26°37'59	evening max el	-1627 Jul 19 j 10:39	8° $\overline{\Omega}$ 24'28	27°15'34
	-1628 Aug 12 j 02:40	0° $\overline{\text{M}}$		retrograde	-1627 Aug 01 j 20:46	15° $\overline{\Omega}$ 44'52	
retrograde	-1628 Aug 18 j 21:26	2° $\overline{\text{M}}$ 17'05		evening set	-1627 Aug 08 j 21:47	12° $\overline{\Omega}$ 58'56	
	-1628 Aug 24 j 22:42	30° $\overline{\text{R}}$ $\overline{\Omega}$					

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

min. Earth dist.	-1627 Aug 12 j 15:44	9°Ω25'15	0.64681 AU	min. Earth dist.	-1626 Jul 26 j 08:45	23°☾06'49	0.63071 AU
inferior conj	-1627 Aug 14 j 20:54	6°Ω59'00	-3°10'48	inferior conj	-1626 Jul 29 j 03:22	20°☾22'26	-3°53'47
minimum elong	-1627 Aug 15 j 01:07	6°Ω47'23	3°09'32	minimum elong	-1626 Jul 29 j 07:36	20°☾11'57	3°52'52
morning rise	-1627 Aug 21 j 05:07	1°Ω29'01		morning rise	-1626 Aug 04 j 21:30	15°☾10'51	
direct	-1627 Aug 23 j 22:32	0°Ω49'58		direct	-1626 Aug 07 j 11:18	14°☾39'37	
asc. node	-1627 Aug 25 j 07:21	0°Ω59'51		asc. node	-1626 Aug 12 j 04:25	16°☾25'27	
morning max el	-1627 Aug 30 j 10:49	4°Ω19'14	18°05'41	morning max el	-1626 Aug 14 j 02:10	18°☾04'16	17°54'31
	-1627 Sep 16 j 11:08	0°♊			-1626 Aug 22 j 16:38	0°Ω	
morning set	-1627 Sep 17 j 08:23	1°♊29'21		morning set	-1626 Aug 30 j 14:30	13°Ω42'57	
					-1626 Sep 08 j 23:35	0°♊	
superior conj	-1627 Oct 01 j 01:31	24°♊03'30	0°26'03	superior conj	-1626 Sep 11 j 08:34	4°♊00'03	1°05'48
minimum elong	-1627 Oct 01 j 04:34	24°♊15'44	0°25'38	minimum elong	-1626 Sep 11 j 13:55	4°♊22'22	1°05'11
	-1627 Oct 04 j 18:53	0°♊			-1626 Sep 17 j 22:20	14°♊47'55	1.43551 AU
desc. node	-1627 Oct 05 j 02:19	0°♊29'28		max. Earth dist.	-1626 Sep 21 j 23:20	21°♊15'18	
max. Earth dist.	-1627 Oct 05 j 06:42	0°♊46'48	1.44597 AU	desc. node	-1626 Sep 26 j 19:10	28°♊48'37	
evening rise	-1627 Oct 17 j 13:25	19°♊58'13		evening rise	-1626 Sep 27 j 13:37	0°♊	
	-1627 Oct 24 j 01:47	0°♊			-1626 Oct 17 j 21:20	0°♊	
greatest brilliancy	-1627 Oct 31 j 01:30	10°♊34'49	-0.7m		-1626 Oct 26 j 10:26	10°♊30'28	21°03'18
evening max el	-1627 Nov 12 j 10:17	27°♊03'14	19°57'36	evening max el	-1626 Nov 03 j 21:44	15°♊31'57	
	-1627 Nov 15 j 19:59	0°♊		retrograde	-1626 Nov 07 j 22:03	14°♊00'37	
retrograde	-1627 Nov 20 j 00:25	1°♊29'36		evening set	-1626 Nov 08 j 03:35	13°♊49'45	
asc. node	-1627 Nov 21 j 06:31	1°♊20'34		asc. node	-1626 Nov 13 j 07:11	7°♊48'50	1°42'23
evening set	-1627 Nov 23 j 14:38	0°♊14'16		inferior conj	-1626 Nov 13 j 05:01	7°♊56'15	1°41'32
	-1627 Nov 23 j 22:27	30°♊		minimum elong	-1626 Nov 13 j 17:20	7°♊14'02	0.67263 AU
inferior conj	-1627 Nov 29 j 02:26	24°♊12'30	2°27'50	min. Earth dist.	-1626 Nov 18 j 11:49	1°♊34'47	
minimum elong	-1627 Nov 28 j 23:38	24°♊21'45	2°26'54	morning rise	-1626 Nov 20 j 19:17	30°♊	
min. Earth dist.	-1627 Nov 30 j 00:22	22°♊59'37	0.66662 AU		-1626 Nov 23 j 18:13	29°♊18'07	
morning rise	-1627 Dec 04 j 08:27	17°♊59'37		direct	-1626 Nov 26 j 22:31	0°♊	
direct	-1627 Dec 10 j 06:07	15°♊23'22		morning max el	-1626 Dec 04 j 12:18	5°♊42'45	23°51'08
morning max el	-1627 Dec 22 j 03:33	22°♊27'04	25°16'17	desc. node	-1626 Dec 18 j 22:38	23°♊43'25	
	-1627 Dec 28 j 19:18	0°♊			-1626 Dec 23 j 07:06	0°♊	
desc. node	-1626 Jan 01 j 01:36	4°♊11'06		morning set	-1625 Jan 09 j 00:12	26°♊32'57	
	-1626 Jan 18 j 10:38	0°♊			-1625 Jan 11 j 00:13	0°♊	
morning set	-1626 Jan 27 j 09:34	15°♊22'45		max. Earth dist.	-1625 Jan 12 j 22:43	3°♊24'16	1.38611 AU
max. Earth dist.	-1626 Jan 31 j 02:50	22°♊12'36	1.36603 AU				
	-1626 Feb 04 j 04:40	0°♊		superior conj	-1625 Jan 20 j 05:57	16°♊47'05	-1°51'57
superior conj	-1626 Feb 06 j 04:02	3°♊52'41	-1°35'54	minimum elong	-1625 Jan 20 j 08:43	17°♊00'14	1°51'48
minimum elong	-1626 Feb 06 j 07:36	4°♊10'19	1°35'31		-1625 Jan 27 j 02:07	0°♊	
evening rise	-1626 Feb 14 j 08:49	20°♊24'32		evening rise	-1625 Jan 29 j 05:49	4°♊13'04	
asc. node	-1626 Feb 17 j 05:50	26°♊08'10		asc. node	-1625 Feb 04 j 02:53	15°♊24'23	
	-1626 Feb 19 j 06:00	0°♊			-1625 Feb 13 j 22:35	0°♊	
evening max el	-1626 Mar 03 j 18:47	18°♊32'58	19°40'46	evening max el	-1625 Feb 14 j 17:05	0°♊46'28	18°49'48
retrograde	-1626 Mar 13 j 10:21	23°♊09'35		retrograde	-1625 Feb 22 j 21:49	4°♊44'11	
evening set	-1626 Mar 15 j 15:22	22°♊56'10		evening set	-1625 Feb 25 j 06:36	4°♊25'42	
inferior conj	-1626 Mar 24 j 05:30	18°♊52'40	1°34'58	inferior conj	-1625 Mar 05 j 02:19	0°♊05'54	2°56'04
minimum elong	-1626 Mar 24 j 09:14	18°♊46'47	1°33'46	minimum elong	-1625 Mar 05 j 06:48	29°♊57'42	2°55'01
min. Earth dist.	-1626 Mar 26 j 16:30	17°♊20'03	0.55945 AU		-1625 Mar 05 j 05:32	30°♊	
desc. node	-1626 Mar 30 j 00:40	15°♊27'30		min. Earth dist.	-1625 Mar 08 j 08:50	27°♊43'24	0.57505 AU
morning rise	-1626 Apr 02 j 00:40	14°♊14'08		morning rise	-1625 Mar 13 j 04:10	24°♊55'41	
direct	-1626 Apr 06 j 07:56	13°♊32'46		desc. node	-1625 Mar 16 j 21:44	23°♊50'21	
morning max el	-1626 Apr 20 j 07:31	20°♊34'01	24°28'44	direct	-1625 Mar 18 j 15:38	23°♊42'52	
	-1626 Apr 28 j 08:55	0°♊			-1625 Mar 31 j 16:48	0°♊	
	-1626 May 15 j 08:55	0°♊		morning max el	-1625 Apr 01 j 23:05	1°♊10'41	26°00'10
morning set	-1626 May 15 j 14:20	0°♊28'31			-1625 Apr 22 j 06:04	0°♊	
asc. node	-1626 May 16 j 05:12	1°♊46'52		morning set	-1625 Apr 30 j 01:59	15°♊27'39	
				asc. node	-1625 May 03 j 02:14	21°♊53'14	
superior conj	-1626 May 22 j 15:00	15°♊36'25	1°02'51		-1625 May 06 j 19:30	0°♊	
minimum elong	-1626 May 22 j 12:39	15°♊23'41	1°02'29	superior conj	-1625 May 07 j 02:05	0°♊36'03	0°41'00
max. Earth dist.	-1626 May 24 j 05:26	19°♊03'52	1.33158 AU	minimum elong	-1625 May 07 j 00:23	0°♊26'43	0°40'41
	-1626 May 29 j 10:15	0°♊		max. Earth dist.	-1625 May 07 j 16:21	1°♊54'04	1.32618 AU
evening rise	-1626 May 29 j 22:29	1°♊02'19		evening rise	-1625 May 14 j 03:12	15°♊43'24	
	-1626 Jun 15 j 01:58	0°♊			-1625 May 21 j 09:35	0°♊	
desc. node	-1626 Jun 25 j 23:56	15°♊04'00			-1625 Jun 10 j 10:35	0°♊	
evening max el	-1626 Jul 01 j 20:28	21°♊23'43	27°24'38	desc. node	-1625 Jun 12 j 20:57	2°♊35'39	
retrograde	-1626 Jul 15 j 14:01	28°♊44'10		evening max el	-1625 Jun 14 j 01:51	3°♊46'36	27°01'23
evening set	-1626 Jul 22 j 18:47	26°♊08'59					

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

retrograde	-1625 Jun 28 j 00:33	11°☿05'28		evening set	-1624 Jun 15 j 06:55	21°♊07'50	
evening set	-1625 Jul 04 j 23:16	8°☿55'16		min. Earth dist.	-1624 Jun 19 j 13:50	18°♊27'40	0.59096 AU
min. Earth dist.	-1625 Jul 08 j 15:38	6°☿12'38	0.61153 AU	inferior conj	-1624 Jun 22 j 22:10	15°♊55'54	-4°34'29
inferior conj	-1625 Jul 11 j 21:00	3°☿24'28	-4°24'26	minimum elong	-1624 Jun 22 j 21:49	15°♊56'34	4°34'27
minimum elong	-1625 Jul 11 j 23:51	3°☿18'14	4°24'06	morning rise	-1624 Jun 30 j 15:07	11°♊27'29	
	-1625 Jul 16 j 04:55	30°♋♊		direct	-1624 Jul 03 j 03:18	11°♊06'03	
morning rise	-1625 Jul 19 j 02:07	28°♊34'00		morning max el	-1624 Jul 11 j 00:14	14°♊51'21	18°29'21
direct	-1625 Jul 21 j 14:19	28°♊08'27		asc. node	-1624 Jul 15 j 22:34	20°♊48'25	
	-1625 Jul 26 j 17:23	0°☿			-1624 Jul 21 j 13:02	0°☿	
morning max el	-1625 Jul 28 j 15:40	1°☿37'52	18°02'05	morning set	-1624 Jul 27 j 04:06	10°☿33'42	
asc. node	-1625 Jul 30 j 01:29	3°☿06'48					
morning set	-1625 Aug 13 j 14:44	26°☿48'49		superior conj	-1624 Aug 05 j 04:52	27°☿45'55	1°45'16
	-1625 Aug 15 j 08:09	0°♌		minimum elong	-1624 Aug 05 j 06:39	27°☿54'14	1°45'13
					-1624 Aug 06 j 09:54	0°♌	
superior conj	-1625 Aug 23 j 19:07	15°♌18'21	1°31'59	max. Earth dist.	-1624 Aug 12 j 12:51	10°♌56'58	1.40052 AU
minimum elong	-1625 Aug 23 j 23:16	15°♌36'38	1°31'40	evening rise	-1624 Aug 16 j 21:30	18°♌22'41	
max. Earth dist.	-1625 Aug 31 j 08:23	28°♌14'22	1.41961 AU		-1624 Aug 24 j 01:54	0°♍	
	-1625 Sep 01 j 09:52	0°♍		desc. node	-1624 Aug 25 j 17:22	2°♍33'39	
evening rise	-1625 Sep 06 j 09:13	8°♍04'04			-1624 Sep 14 j 04:14	0°♌	
desc. node	-1625 Sep 08 j 20:22	11°♍58'05		evening max el	-1624 Sep 20 j 18:25	7°♌27'29	23°39'12
	-1625 Sep 20 j 18:25	0°♌		retrograde	-1624 Oct 01 j 09:57	13°♌44'31	
evening max el	-1625 Oct 09 j 04:41	23°♌58'01	22°18'53	evening set	-1624 Oct 06 j 12:14	11°♌36'55	
retrograde	-1625 Oct 18 j 17:25	29°♌38'10		inferior conj	-1624 Oct 11 j 20:37	5°♌16'18	-0°00'58
evening set	-1625 Oct 23 j 05:50	27°♌49'07		minimum elong	-1624 Oct 11 j 20:38	5°♌16'14	0°00'57
asc. node	-1625 Oct 26 j 00:38	24°♌55'07		transit middle	-1624 Oct 11 j 20:38	5°♌16'14	0°00'57
inferior conj	-1625 Oct 28 j 13:50	21°♌31'00	0°52'16	transit begin	-1624 Oct 11 j 17:55	5°♌25'29	
minimum elong	-1625 Oct 28 j 12:39	21°♌35'07	0°51'45	transit end	-1624 Oct 11 j 23:20	5°♌06'59	
min. Earth dist.	-1625 Oct 28 j 13:21	21°♌32'43	0.67536 AU	min. Earth dist.	-1624 Oct 11 j 09:53	5°♌52'57	0.67503 AU
morning rise	-1625 Nov 02 j 19:20	15°♌18'09		asc. node	-1624 Oct 11 j 21:43	5°♌12'30	
direct	-1625 Nov 07 j 10:42	13°♌23'29			-1624 Oct 16 j 04:30	30°♋♍	
morning max el	-1625 Nov 16 j 23:36	19°♌03'05	22°24'11	morning rise	-1624 Oct 17 j 04:57	29°♍07'24	
	-1625 Nov 26 j 02:30	0°♍		direct	-1624 Oct 21 j 06:31	27°♍34'23	
desc. node	-1625 Dec 05 j 19:43	13°♍42'17			-1624 Oct 26 j 22:12	0°♌	
	-1625 Dec 16 j 11:47	0°♎		morning max el	-1624 Oct 29 j 16:35	2°♌30'21	21°03'17
morning set	-1625 Dec 20 j 10:35	6°♎19'52			-1624 Nov 19 j 01:17	0°♍	
max. Earth dist.	-1625 Dec 25 j 19:29	15°♎13'42	1.40710 AU	desc. node	-1624 Nov 21 j 16:45	3°♍59'30	
				morning set	-1624 Nov 28 j 18:00	14°♍51'46	
superior conj	-1624 Jan 02 j 14:24	28°♎47'35	-1°59'09	max. Earth dist.	-1624 Dec 06 j 22:53	27°♍57'41	1.42608 AU
minimum elong	-1624 Jan 02 j 14:43	28°♎49'00	1°59'11		-1624 Dec 08 j 04:47	0°♎	
	-1624 Jan 03 j 06:31	0°♏		superior conj	-1624 Dec 13 j 23:47	9°♎40'26	-1°53'20
evening rise	-1624 Jan 12 j 16:43	17°♏27'30		minimum elong	-1624 Dec 13 j 19:57	9°♎24'07	1°53'12
	-1624 Jan 19 j 12:32	0°♏		evening rise	-1624 Dec 25 j 13:40	29°♎59'06	
asc. node	-1624 Jan 21 j 23:56	4°♏11'24			-1624 Dec 25 j 13:52	0°♏	
evening max el	-1624 Jan 28 j 23:07	13°♏29'23	18°18'54	asc. node	-1623 Jan 07 j 20:58	22°♏19'50	
retrograde	-1624 Feb 05 j 03:47	17°♏03'45		evening max el	-1623 Jan 11 j 09:53	26°♏33'01	18°07'51
evening set	-1624 Feb 07 j 16:56	16°♏37'57		retrograde	-1623 Jan 18 j 01:28	29°♏59'01	
inferior conj	-1624 Feb 14 j 19:57	11°♏57'39	3°40'56	evening set	-1623 Jan 20 j 18:38	29°♏24'38	
minimum elong	-1624 Feb 14 j 22:30	11°♏52'13	3°40'37	inferior conj	-1623 Jan 27 j 08:09	24°♏22'58	3°55'34
min. Earth dist.	-1624 Feb 18 j 05:30	9°♏05'17	0.59490 AU	minimum elong	-1623 Jan 27 j 08:14	24°♏22'46	3°55'33
morning rise	-1624 Feb 22 j 01:53	6°♏23'31		min. Earth dist.	-1623 Jan 30 j 09:03	21°♏25'40	0.61551 AU
direct	-1624 Feb 28 j 12:24	4°♏31'45		morning rise	-1623 Feb 02 j 20:32	18°♏33'20	
desc. node	-1624 Mar 02 j 18:49	4°♏59'25		direct	-1623 Feb 09 j 19:24	16°♏07'44	
morning max el	-1624 Mar 13 j 19:12	12°♏13'27	27°07'58	desc. node	-1623 Feb 17 j 15:53	18°♏48'08	
	-1624 Mar 27 j 18:43	0°♐		morning max el	-1623 Feb 23 j 21:24	23°♏55'24	27°42'11
morning set	-1624 Apr 13 j 11:29	0°♐19'00			-1623 Mar 01 j 09:28	0°♏	
	-1624 Apr 13 j 07:50	0°♐			-1623 Mar 21 j 00:08	0°♐	
asc. node	-1624 Apr 18 j 23:17	12°♐04'38		morning set	-1623 Mar 28 j 16:57	14°♐55'54	
max. Earth dist.	-1624 Apr 20 j 05:20	14°♐49'03	1.32431 AU	max. Earth dist.	-1623 Apr 03 j 16:46	27°♐36'19	1.32602 AU
					-1623 Apr 04 j 19:13	0°♐	
superior conj	-1624 Apr 20 j 13:51	15°♐35'45	0°16'54	superior conj	-1623 Apr 05 j 00:39	0°♐29'36	-0°08'40
minimum elong	-1624 Apr 20 j 13:06	15°♐31'37	0°16'45	minimum elong	-1623 Apr 05 j 01:03	0°♐31'47	0°08'35
	-1624 Apr 27 j 05:26	0°♑		behind sun begin	-1623 Apr 04 j 20:45	0°♐08'18	
evening rise	-1624 Apr 27 j 12:14	0°♑35'47		behind sun end	-1623 Apr 05 j 05:22	0°♐55'16	
	-1624 May 13 j 15:31	0°♒		asc. node	-1623 Apr 05 j 20:20	2°♐16'56	
evening max el	-1624 May 26 j 01:00	15°♒26'18	26°06'05	evening rise	-1623 Apr 11 j 23:33	15°♐32'22	
desc. node	-1624 May 29 j 17:59	18°♒36'11					
retrograde	-1624 Jun 09 j 02:44	22°♒41'20					

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1623 Apr 19 j 05:32	0°♄		evening rise	-1622 Mar 27 j 11:15	0°♄25'39	
evening max el	-1623 May 07 j 18:20	26°♄26'54	24°45'18		-1622 Mar 27 j 06:23	0°♄	
	-1623 May 12 j 00:38	0°♄			-1622 Apr 13 j 05:36	0°♄	
desc. node	-1623 May 16 j 15:01	2°♄31'20		evening max el	-1622 Apr 19 j 09:33	7°♄05'23	23°11'23
retrograde	-1623 May 21 j 17:56	3°♄31'37		retrograde	-1622 May 02 j 20:18	13°♄46'01	
evening set	-1623 May 26 j 16:10	2°♄36'33		desc. node	-1622 May 03 j 12:03	13°♄45'02	
	-1623 May 31 j 19:05	30°♄		evening set	-1622 May 06 j 09:08	13°♄18'39	
min. Earth dist.	-1623 Jun 01 j 06:08	29°♄42'37	0.57178 AU	min. Earth dist.	-1622 May 13 j 19:33	9°♄58'28	0.55734 AU
inferior conj	-1623 Jun 04 j 03:54	27°♄48'18	-4°12'36	inferior conj	-1622 May 15 j 13:51	8°♄56'37	-3°08'35
minimum elong	-1623 Jun 03 j 23:20	27°♄55'51	4°11'56	minimum elong	-1622 May 15 j 07:06	9°♄06'31	3°06'47
morning rise	-1623 Jun 12 j 09:22	23°♄39'55		morning rise	-1622 May 24 j 07:41	5°♄00'50	
direct	-1623 Jun 14 j 22:35	23°♄21'27		direct	-1622 May 26 j 23:07	4°♄43'58	
morning max el	-1623 Jun 24 j 00:58	27°♄35'43	19°17'17	morning max el	-1622 Jun 06 j 15:26	9°♄41'05	20°25'55
	-1623 Jun 26 j 08:11	0°♄		asc. node	-1622 Jun 19 j 16:41	28°♄20'16	
asc. node	-1623 Jul 02 j 19:38	9°♄16'58			-1622 Jun 20 j 13:56	0°♄	
morning set	-1623 Jul 11 j 02:50	24°♄48'25		morning set	-1622 Jun 25 j 07:58	9°♄23'56	
	-1623 Jul 13 j 17:17	0°♄					
superior conj	-1623 Jul 19 j 08:11	11°♄07'38	1°47'56	superior conj	-1622 Jul 03 j 00:01	25°♄08'16	1°42'25
minimum elong	-1623 Jul 19 j 07:51	11°♄06'01	1°47'57	minimum elong	-1622 Jul 02 j 22:15	24°♄59'21	1°42'20
max. Earth dist.	-1623 Jul 25 j 15:35	23°♄03'39	1.38075 AU	max. Earth dist.	-1622 Jul 05 j 10:09	0°♄	
evening rise	-1623 Jul 29 j 11:17	29°♄55'14		evening rise	-1622 Jul 07 j 21:52	4°♄52'56	1.36255 AU
	-1623 Jul 29 j 12:22	0°♄			-1622 Jul 11 j 22:55	12°♄32'02	
desc. node	-1623 Aug 12 j 14:22	22°♄57'53		desc. node	-1622 Jul 22 j 00:11	0°♄	
	-1623 Aug 17 j 09:10	0°♄			-1622 Jul 30 j 11:23	13°♄04'22	
evening max el	-1623 Sep 03 j 06:01	21°♄00'59	24°57'24	evening max el	-1622 Aug 12 j 09:15	0°♄	
retrograde	-1623 Sep 14 j 22:23	27°♄48'06		retrograde	-1622 Aug 16 j 17:16	4°♄35'42	26°05'54
evening set	-1623 Sep 20 j 15:33	25°♄22'43		evening set	-1622 Aug 29 j 06:06	11°♄43'33	
min. Earth dist.	-1623 Sep 25 j 04:28	20°♄13'39	0.67164 AU	min. Earth dist.	-1622 Sep 04 j 13:49	9°♄03'54	
inferior conj	-1623 Sep 26 j 01:46	19°♄03'20	-0°55'40	inferior conj	-1622 Sep 08 j 18:38	4°♄31'57	0.66487 AU
minimum elong	-1623 Sep 26 j 03:08	18°♄58'50	0°55'05	minimum elong	-1622 Sep 10 j 03:30	2°♄49'19	-1°50'13
asc. node	-1623 Sep 28 j 18:48	15°♄39'22			-1622 Sep 10 j 06:11	2°♄40'55	1°49'09
morning rise	-1623 Oct 01 j 14:46	13°♄01'25		morning rise	-1622 Sep 12 j 11:58	30°♄	
direct	-1623 Oct 05 j 04:25	11°♄47'48		asc. node	-1622 Sep 15 j 22:48	26°♄57'28	
morning max el	-1623 Oct 12 j 17:06	16°♄07'33	19°53'49	direct	-1622 Sep 15 j 15:51	27°♄08'23	
	-1623 Oct 23 j 10:17	0°♄		morning max el	-1622 Sep 19 j 02:41	26°♄00'07	
morning set	-1623 Nov 07 j 15:01	23°♄01'43			-1622 Sep 26 j 00:41	29°♄53'12	18°58'56
desc. node	-1623 Nov 08 j 13:46	24°♄29'47			-1622 Sep 26 j 03:21	0°♄	
	-1623 Nov 12 j 02:40	0°♄			-1622 Oct 16 j 19:43	0°♄	
max. Earth dist.	-1623 Nov 19 j 10:12	11°♄31'56	1.44042 AU	morning set	-1622 Oct 18 j 02:00	1°♄59'17	
				desc. node	-1622 Oct 26 j 10:47	15°♄08'54	
superior conj	-1623 Nov 24 j 06:04	19°♄17'32	-1°30'38	max. Earth dist.	-1622 Oct 26 j 10:47	15°♄08'54	
minimum elong	-1623 Nov 23 j 22:34	18°♄47'08	1°29'57		-1622 Nov 02 j 02:53	25°♄38'19	1.44827 AU
	-1623 Nov 30 j 18:25	0°♄		superior conj	-1622 Nov 03 j 12:55	27°♄52'29	-0°50'47
evening rise	-1623 Dec 07 j 16:19	11°♄40'01		minimum elong	-1622 Nov 03 j 06:38	27°♄27'41	0°50'01
	-1623 Dec 18 j 14:49	0°♄			-1622 Nov 04 j 21:13	0°♄	
asc. node	-1623 Dec 25 j 18:01	9°♄38'14		evening rise	-1622 Nov 18 j 20:33	22°♄22'59	
evening max el	-1623 Dec 25 j 22:26	9°♄49'33	18°15'59		-1622 Nov 23 j 12:55	0°♄	
retrograde	-1622 Jan 01 j 10:37	13°♄20'00		evening max el	-1622 Dec 09 j 10:05	23°♄13'04	18°42'22
evening set	-1622 Jan 04 j 07:55	12°♄36'10		asc. node	-1622 Dec 12 j 15:03	25°♄52'46	
inferior conj	-1622 Jan 10 j 11:04	7°♄14'14	3°48'09	retrograde	-1622 Dec 16 j 03:02	26°♄58'44	
minimum elong	-1622 Jan 10 j 09:19	7°♄19'04	3°47'57	evening set	-1622 Dec 19 j 05:29	26°♄04'12	
min. Earth dist.	-1622 Jan 12 j 21:48	4°♄33'13	0.63426 AU	inferior conj	-1622 Dec 25 j 00:58	20°♄24'27	3°25'11
morning rise	-1622 Jan 16 j 10:03	1°♄14'21		minimum elong	-1622 Dec 24 j 22:15	20°♄32'40	3°24'36
	-1622 Jan 18 j 04:55	30°♄		min. Earth dist.	-1622 Dec 26 j 20:32	18°♄13'09	0.64971 AU
direct	-1622 Jan 23 j 10:23	28°♄28'08		morning rise	-1622 Dec 30 j 14:39	14°♄17'30	
	-1622 Jan 29 j 02:00	0°♄		direct	-1621 Jan 06 j 08:14	11°♄25'32	
desc. node	-1622 Feb 04 j 12:57	4°♄41'47		morning max el	-1621 Jan 19 j 14:13	19°♄06'41	27°03'31
morning max el	-1622 Feb 06 j 04:35	6°♄16'15	27°39'41	desc. node	-1621 Jan 22 j 10:00	22°♄05'51	
	-1622 Feb 24 j 07:30	0°♄			-1621 Jan 28 j 21:26	0°♄	
morning set	-1622 Mar 12 j 15:56	29°♄09'35			-1621 Feb 17 j 06:42	0°♄	
	-1622 Mar 13 j 02:00	0°♄		morning set	-1621 Feb 24 j 05:24	12°♄50'29	
max. Earth dist.	-1622 Mar 17 j 22:39	10°♄01'43	1.33164 AU	max. Earth dist.	-1621 Feb 28 j 19:14	21°♄54'55	1.34149 AU
superior conj	-1622 Mar 20 j 08:40	15°♄10'48	-0°34'47	superior conj	-1621 Mar 04 j 11:57	29°♄33'06	-1°00'23
minimum elong	-1622 Mar 20 j 10:17	15°♄19'30	0°34'28	minimum elong	-1621 Mar 04 j 14:41	29°♄47'25	0°59'54
asc. node	-1622 Mar 23 j 17:21	22°♄25'28			-1621 Mar 04 j 17:05	0°♄	
				asc. node	-1621 Mar 10 j 14:23	12°♄26'11	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening rise	-1621 Mar 11 j 21:34	15° K 09'26		minimum elong	-1620 Feb 16 j 11:29	13° \approx 45'52	1°23'31
	-1621 Mar 19 j 11:03	0° Y		evening rise	-1620 Feb 24 j 04:29	29° \approx 36'30	
evening max el	-1621 Apr 01 j 05:26	17° Y 51'21	21°38'58		-1620 Feb 24 j 09:05	0° K	
retrograde	-1621 Apr 13 j 12:19	23° Y 49'29		asc. node	-1620 Feb 25 j 11:25	2° K 13'48	
evening set	-1621 Apr 16 j 01:03	23° Y 35'02		evening max el	-1620 Mar 13 j 11:14	29° K 07'36	20°18'56
desc. node	-1621 Apr 20 j 09:05	22° Y 10'41			-1620 Mar 14 j 10:09	0° Y	
inferior conj	-1621 Apr 25 j 10:24	19° Y 32'27	-1°25'04	retrograde	-1620 Mar 24 j 02:34	4° Y 12'44	
minimum elong	-1621 Apr 25 j 06:28	19° Y 37'59	1°23'42	evening set	-1620 Mar 26 j 06:57	4° Y 00'48	
min. Earth dist.	-1621 Apr 25 j 08:47	19° Y 34'44	0.55077 AU	inferior conj	-1620 Apr 04 j 06:44	0° Y 02'33	0°33'18
morning rise	-1621 May 04 j 12:41	15° Y 33'22		minimum elong	-1620 Apr 04 j 08:14	0° Y 00'21	0°32'48
direct	-1621 May 07 j 11:04	15° Y 14'28			-1620 Apr 04 j 08:28	30° K	
morning max el	-1621 May 19 j 19:03	21° Y 04'16	21°52'47	min. Earth dist.	-1620 Apr 05 j 22:52	29° K 03'20	0.55363 AU
	-1621 May 27 j 07:07	0° B		desc. node	-1620 Apr 06 j 06:07	28° K 52'47	
asc. node	-1621 Jun 06 j 13:43	17° B 49'37		morning rise	-1620 Apr 13 j 07:49	25° K 41'21	
morning set	-1621 Jun 09 j 17:12	24° B 13'37		direct	-1620 Apr 17 j 00:06	25° K 11'49	
	-1621 Jun 12 j 11:17	0° II			-1620 Apr 28 j 11:00	0° Y	
				morning max el	-1620 Apr 30 j 13:46	1° Y 51'47	23°31'17
superior conj	-1621 Jun 17 j 00:34	9° II 36'23	1°30'38		-1620 May 19 j 15:59	0° B	
minimum elong	-1621 Jun 16 j 22:07	9° II 23'30	1°30'24	asc. node	-1620 May 23 j 10:46	7° B 37'58	
max. Earth dist.	-1621 Jun 20 j 12:21	16° II 49'15	1.34750 AU	morning set	-1620 May 24 j 04:42	9° B 11'39	
evening rise	-1621 Jun 25 j 03:20	25° II 59'36					
	-1621 Jun 27 j 05:52	0° E		superior conj	-1620 May 31 j 06:57	24° B 22'48	1°14'06
	-1621 Jul 15 j 09:28	0° Ω		minimum elong	-1620 May 31 j 04:25	24° B 09'12	1°13'45
desc. node	-1621 Jul 17 j 08:23	2° Ω 45'09		max. Earth dist.	-1620 Jun 02 j 12:30	29° B 08'12	1.33626 AU
evening max el	-1621 Jul 30 j 04:49	18° Ω 05'14	26°56'55		-1620 Jun 02 j 22:19	0° II	
retrograde	-1621 Aug 12 j 08:49	25° Ω 24'05		evening rise	-1620 Jun 07 j 19:58	10° II 04'52	
evening set	-1621 Aug 19 j 04:44	22° Ω 37'13			-1620 Jun 18 j 14:33	0° E	
min. Earth dist.	-1621 Aug 23 j 02:09	18° Ω 43'00	0.65447 AU	desc. node	-1620 Jul 03 j 05:23	21° E 49'19	
inferior conj	-1621 Aug 24 j 23:44	16° Ω 30'52	-2°42'38		-1620 Jul 10 j 07:37	0° Ω	
minimum elong	-1621 Aug 25 j 03:32	16° Ω 19'50	2°41'21	evening max el	-1620 Jul 11 j 15:54	1° Ω 19'38	27°23'12
morning rise	-1621 Aug 31 j 02:53	10° Ω 52'10		retrograde	-1620 Jul 25 j 05:57	8° Ω 41'20	
direct	-1621 Sep 02 j 23:20	10° Ω 07'31		evening set	-1620 Aug 01 j 09:23	5° Ω 58'13	
asc. node	-1621 Sep 02 j 12:55	10° Ω 08'33		min. Earth dist.	-1620 Aug 05 j 01:05	2° Ω 38'53	0.64033 AU
morning max el	-1621 Sep 09 j 13:23	13° Ω 43'13	18°20'11	inferior conj	-1620 Aug 07 j 12:06	0° Ω 03'21	-3°30'11
	-1621 Sep 21 j 03:21	0° M		minimum elong	-1620 Aug 07 j 16:28	29° E 51'50	3°29'01
morning set	-1621 Sep 28 j 16:07	12° M 17'41			-1620 Aug 07 j 13:22	30° K E	
	-1621 Oct 09 j 14:52	0° $\underline{\text{A}}$		morning rise	-1620 Aug 14 j 00:25	24° E 40'51	
desc. node	-1621 Oct 13 j 07:46	5° $\underline{\text{A}}$ 53'00		direct	-1620 Aug 16 j 15:52	24° E 05'37	
				asc. node	-1620 Aug 19 j 09:58	24° E 44'06	
superior conj	-1621 Oct 13 j 13:27	6° $\underline{\text{A}}$ 15'30	-0°01'33	morning max el	-1620 Aug 23 j 04:35	27° E 32'14	17°58'41
minimum elong	-1621 Oct 13 j 13:14	6° $\underline{\text{A}}$ 14'39	0°01'32		-1620 Aug 25 j 09:16	0° Ω	
behind sun begin	-1621 Oct 13 j 02:07	5° $\underline{\text{A}}$ 30'41		morning set	-1620 Sep 09 j 09:17	23° Ω 54'28	
behind sun end	-1621 Oct 14 j 00:21	6° $\underline{\text{A}}$ 58'36			-1620 Sep 12 j 22:51	0° M	
max. Earth dist.	-1621 Oct 15 j 21:19	9° $\underline{\text{A}}$ 55'59	1.44885 AU				
	-1621 Oct 28 j 16:32	0° M		superior conj	-1620 Sep 22 j 05:38	15° M 28'06	0°44'26
evening rise	-1621 Oct 30 j 00:37	2° M 05'32		minimum elong	-1620 Sep 22 j 10:13	15° M 46'44	0°43'51
greatest brilliancy	-1621 Nov 10 j 02:24	19° M 19'53	-0.7m	max. Earth dist.	-1620 Sep 27 j 14:28	24° M 07'16	1.44226 AU
	-1621 Nov 17 j 08:29	0° J		desc. node	-1620 Sep 29 j 04:49	26° M 39'37	
evening max el	-1621 Nov 22 j 18:33	6° J 39'15	19°25'45		-1620 Oct 01 j 07:35	0° $\underline{\text{A}}$	
retrograde	-1621 Nov 29 j 23:18	10° J 48'55		evening rise	-1620 Oct 08 j 10:19	11° $\underline{\text{A}}$ 04'27	
asc. node	-1621 Nov 29 j 12:07	10° J 47'41			-1620 Oct 20 j 21:32	0° M	
evening set	-1621 Dec 03 j 08:33	9° J 41'57		evening max el	-1620 Nov 04 j 22:07	20° M 06'53	20°24'06
inferior conj	-1621 Dec 08 j 22:36	3° J 47'19	2°51'10	retrograde	-1620 Nov 12 j 20:46	24° M 47'42	
minimum elong	-1621 Dec 08 j 19:40	3° J 56'49	2°50'18	asc. node	-1620 Nov 15 j 09:09	24° M 11'20	
min. Earth dist.	-1621 Dec 10 j 04:02	2° J 12'15	0.66148 AU	evening set	-1620 Nov 16 j 14:56	23° M 26'01	
	-1621 Dec 11 j 22:58	30° K M		inferior conj	-1620 Nov 22 j 01:25	17° M 19'44	2°09'14
morning rise	-1621 Dec 14 j 06:32	27° M 35'46		minimum elong	-1620 Nov 21 j 22:51	17° M 28'25	2°08'18
direct	-1621 Dec 20 j 12:19	24° M 50'52		min. Earth dist.	-1620 Nov 22 j 18:16	16° M 22'51	0.66962 AU
	-1621 Dec 30 j 15:35	0° J		morning rise	-1620 Nov 27 j 06:33	11° M 05'54	
morning max el	-1620 Jan 01 j 23:40	2° J 13'00	26°00'43	direct	-1620 Dec 02 j 21:51	8° M 37'08	
desc. node	-1620 Jan 09 j 07:02	10° J 33'17		morning max el	-1620 Dec 14 j 08:06	15° M 25'48	24°40'43
	-1620 Jan 23 j 01:13	0° Z		desc. node	-1620 Dec 26 j 04:07	29° M 45'57	
morning set	-1620 Feb 07 j 05:07	25° Z 45'05			-1620 Dec 26 j 08:14	0° J	
	-1620 Feb 09 j 11:31	0° \approx			-1619 Jan 14 j 23:20	0° Z	
max. Earth dist.	-1620 Feb 11 j 03:46	3° \approx 12'43	1.35581 AU	morning set	-1619 Jan 19 j 09:37	7° Z 37'54	
				max. Earth dist.	-1619 Jan 23 j 01:58	14° Z 14'19	1.37428 AU
superior conj	-1620 Feb 16 j 08:01	13° \approx 28'19	-1°24'00				

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1619 Jan 29 j 17:42	26° Z 47'58	-1°43'35	superior conj	-1618 Jan 12 j 12:53	9° Z 21'24	-1°56'19
minimum elong	-1619 Jan 29 j 21:06	27° Z 04'29	1°43'17	minimum elong	-1618 Jan 12 j 14:51	9° Z 30'30	1°56'17
	-1619 Jan 31 j 09:00	0° \approx		evening rise	-1618 Jan 21 j 22:58	27° Z 15'41	
evening rise	-1619 Feb 07 j 05:51	13° \approx 40'44			-1618 Jan 23 j 09:13	0° \approx	
asc. node	-1619 Feb 11 j 08:28	21° \approx 43'06		asc. node	-1618 Jan 29 j 05:31	10° \approx 47'51	
	-1619 Feb 15 j 22:49	0° X		evening max el	-1618 Feb 07 j 06:02	23° \approx 28'36	18°34'12
evening max el	-1619 Feb 24 j 04:02	11° X 01'16	19°16'42	retrograde	-1618 Feb 14 j 22:52	27° \approx 14'12	
retrograde	-1619 Mar 05 j 03:29	15° X 19'01		evening set	-1618 Feb 17 j 09:45	26° \approx 52'37	
evening set	-1619 Mar 07 j 09:54	15° X 03'47		inferior conj	-1618 Feb 24 j 21:58	22° \approx 24'12	3°19'19
inferior conj	-1619 Mar 15 j 16:15	10° X 54'38	2°13'52	minimum elong	-1618 Feb 25 j 01:49	22° \approx 16'41	3°18'35
minimum elong	-1619 Mar 15 j 20:46	10° X 47'04	2°12'33	min. Earth dist.	-1618 Feb 28 j 07:34	19° \approx 46'18	0.58320 AU
min. Earth dist.	-1619 Mar 18 j 14:00	8° X 58'41	0.56534 AU	morning rise	-1618 Mar 04 j 15:20	17° \approx 03'05	
morning rise	-1619 Mar 24 j 04:48	6° X 02'07		direct	-1618 Mar 10 j 13:51	15° \approx 33'58	
desc. node	-1619 Mar 24 j 03:12	6° X 03'35		desc. node	-1618 Mar 11 j 00:17	15° \approx 34'27	
direct	-1619 Mar 29 j 00:25	5° X 08'34		morning max el	-1618 Mar 24 j 21:23	23° \approx 08'02	26°32'45
morning max el	-1619 Apr 12 j 04:28	12° X 23'21	25°09'38		-1618 Mar 31 j 00:52	0° X	
	-1619 Apr 25 j 18:45	0° Y			-1618 Apr 18 j 15:28	0° Y	
morning set	-1619 May 08 j 16:45	24° Y 11'54		morning set	-1618 Apr 23 j 03:43	9° Y 08'43	
asc. node	-1619 May 10 j 07:48	27° Y 39'10		asc. node	-1618 Apr 27 j 04:52	17° Y 48'23	
	-1619 May 11 j 10:00	0° Z					
superior conj	-1619 May 15 j 16:51	9° Z 19'27	0°53'56	superior conj	-1618 Apr 30 j 04:27	24° Y 19'56	0°31'02
minimum elong	-1619 May 15 j 14:44	9° Z 07'54	0°53'33	minimum elong	-1618 Apr 30 j 03:07	24° Y 12'38	0°30'45
max. Earth dist.	-1619 May 16 j 20:30	11° Z 49'42	1.32882 AU	max. Earth dist.	-1618 Apr 30 j 08:58	24° Y 44'44	1.32497 AU
evening rise	-1619 May 22 j 21:08	24° Z 35'51			-1618 May 02 j 18:38	0° Z	
	-1619 May 25 j 13:31	0° II		evening rise	-1618 May 07 j 04:00	9° Z 23'09	
	-1619 Jun 12 j 05:52	0° E			-1618 May 17 j 22:12	0° II	
desc. node	-1619 Jun 20 j 02:25	10° E 00'58		evening max el	-1618 Jun 06 j 03:27	26° II 11'24	26°41'37
evening max el	-1619 Jun 24 j 00:21	14° E 05'35	27°18'57	desc. node	-1618 Jun 06 j 23:26	26° II 57'57	
retrograde	-1619 Jul 07 j 20:34	21° E 25'18			-1618 Jun 10 j 17:41	0° E	
evening set	-1619 Jul 14 j 23:56	18° E 59'26		retrograde	-1618 Jun 20 j 03:24	3° E 28'02	
min. Earth dist.	-1619 Jul 18 j 13:59	16° E 07'03	0.62281 AU	evening set	-1618 Jun 26 j 20:00	1° E 32'31	
inferior conj	-1619 Jul 21 j 13:35	13° E 19'08	-4°08'46		-1618 Jun 29 j 05:24	30° R II	
minimum elong	-1619 Jul 21 j 17:27	13° E 10'03	4°08'04	min. Earth dist.	-1618 Jun 30 j 16:50	28° II 53'14	0.60288 AU
morning rise	-1619 Jul 28 j 12:15	8° E 15'56		inferior conj	-1618 Jul 04 j 00:41	26° II 09'39	-4°31'52
direct	-1619 Jul 31 j 01:06	7° E 47'20		minimum elong	-1618 Jul 04 j 02:24	26° II 06'08	4°31'43
asc. node	-1619 Aug 06 j 07:03	10° E 43'39		morning rise	-1618 Jul 11 j 10:42	21° II 28'19	
morning max el	-1619 Aug 06 j 19:28	11° E 13'06	17°55'19	direct	-1618 Jul 13 j 22:54	21° II 04'31	
	-1619 Aug 19 j 08:15	0° O		morning max el	-1618 Jul 21 j 07:10	24° II 38'57	18°11'09
morning set	-1619 Aug 22 j 23:51	6° O 32'27		asc. node	-1618 Jul 24 j 04:07	27° II 52'19	
					-1618 Jul 25 j 17:57	0° E	
superior conj	-1619 Sep 03 j 00:33	25° O 59'39	1°18'36	morning set	-1618 Aug 06 j 06:13	19° E 56'30	
minimum elong	-1619 Sep 03 j 05:40	26° O 21'32	1°18'05		-1618 Aug 11 j 15:04	0° O	
	-1619 Sep 05 j 09:13	0° P		superior conj	-1618 Aug 15 j 21:39	7° O 49'12	1°39'05
max. Earth dist.	-1619 Sep 10 j 03:56	7° P 55'22	1.42936 AU	minimum elong	-1618 Aug 16 j 00:50	8° O 03'33	1°38'53
desc. node	-1619 Sep 16 j 01:50	17° P 24'33		max. Earth dist.	-1618 Aug 23 j 12:02	21° O 05'48	1.41183 AU
evening rise	-1619 Sep 17 j 17:22	19° P 59'48		evening rise	-1618 Aug 28 j 15:50	29° O 39'02	
	-1619 Sep 24 j 05:21	0° Q			-1618 Aug 28 j 21:00	0° P	
	-1619 Oct 15 j 14:26	0° M		desc. node	-1618 Sep 02 j 22:50	8° P 04'34	
evening max el	-1619 Oct 18 j 19:51	3° M 34'39	21°34'33		-1618 Sep 17 j 18:39	0° Q	
retrograde	-1619 Oct 27 j 17:28	8° M 51'51		evening max el	-1618 Oct 01 j 11:59	17° Q 02'44	22°52'48
evening set	-1619 Oct 31 j 22:44	7° M 13'15		retrograde	-1618 Oct 11 j 11:51	22° Q 58'30	
asc. node	-1619 Nov 02 j 06:13	6° M 02'03		evening set	-1618 Oct 16 j 06:08	21° Q 01'22	
inferior conj	-1619 Nov 06 j 07:13	0° M 58'35	1°21'35	asc. node	-1618 Oct 20 j 03:18	16° Q 40'40	
minimum elong	-1619 Nov 06 j 05:26	1° M 04'45	1°20'51	inferior conj	-1618 Oct 21 j 14:08	14° Q 41'50	0°29'57
min. Earth dist.	-1619 Nov 06 j 12:48	0° M 39'22	0.67427 AU	minimum elong	-1618 Oct 21 j 13:26	14° Q 44'14	0°29'38
	-1619 Nov 07 j 00:15	30° R Q		min. Earth dist.	-1618 Oct 21 j 09:13	14° Q 58'47	0.67568 AU
morning rise	-1619 Nov 11 j 11:59	24° Q 44'51		morning rise	-1618 Oct 26 j 20:38	8° Q 30'36	
direct	-1619 Nov 16 j 12:01	22° Q 37'14		direct	-1618 Oct 31 j 05:56	6° Q 45'25	
morning max el	-1619 Nov 26 j 17:20	28° Q 42'23	23°13'44	morning max el	-1618 Nov 09 j 06:47	12° Q 05'14	21°48'37
	-1619 Nov 27 j 23:08	0° M			-1618 Nov 23 j 08:06	0° M	
desc. node	-1619 Dec 13 j 01:12	19° M 30'42		desc. node	-1618 Nov 29 j 22:14	9° M 37'56	
	-1619 Dec 20 j 02:55	0° J		morning set	-1618 Dec 11 j 10:38	27° M 24'28	
morning set	-1619 Dec 31 j 12:40	18° J 13'07			-1618 Dec 13 j 01:26	0° J	
max. Earth dist.	-1618 Jan 04 j 21:20	25° J 38'47	1.39514 AU	max. Earth dist.	-1618 Dec 17 j 21:08	7° J 53'15	1.41563 AU
	-1618 Jan 07 j 08:55	0° Z					
				superior conj	-1618 Dec 25 j 12:11	20° J 54'28	-1°58'32

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1618 Dec 25 j 10:53	20° ♁ 48'46	1°58'33	max. Earth dist.	-1617 Nov 30 j 04:03	21° ♁ 00'23	1.43284 AU
	-1618 Dec 30 j 14:34	0° ♁			-1617 Dec 05 j 16:09	0° ♁	
evening rise	-1617 Jan 05 j 04:26	10° ♁ 13'02					
asc. node	-1617 Jan 16 j 02:34	29° ♁ 19'34		superior conj	-1617 Dec 06 j 10:15	1° ♁ 15'07	-1°45'56
	-1617 Jan 16 j 13:17	0° ♁		minimum elong	-1617 Dec 06 j 04:33	0° ♁ 51'25	1°45'33
evening max el	-1617 Jan 21 j 14:23	6° ♁ 20'50	18°11'44	evening rise	-1617 Dec 18 j 18:13	22° ♁ 24'31	
retrograde	-1617 Jan 28 j 12:15	9° ♁ 50'13			-1617 Dec 23 j 02:04	0° ♁	
evening set	-1617 Jan 31 j 03:07	9° ♁ 20'52		asc. node	-1616 Jan 02 j 23:36	17° ♁ 08'18	
inferior conj	-1617 Feb 06 j 23:55	4° ♁ 31'05	3°50'21	evening max el	-1616 Jan 05 j 02:12	19° ♁ 30'31	18°08'57
minimum elong	-1617 Feb 07 j 01:24	4° ♁ 27'44	3°50'14	retrograde	-1616 Jan 11 j 15:27	22° ♁ 57'20	
min. Earth dist.	-1617 Feb 10 j 06:38	1° ♁ 33'53	0.60373 AU	evening set	-1616 Jan 14 j 10:11	22° ♁ 19'13	
	-1617 Feb 12 j 04:58	30° ♁		inferior conj	-1616 Jan 20 j 18:55	17° ♁ 08'43	3°54'42
morning rise	-1617 Feb 13 j 21:55	28° ♁ 49'22		minimum elong	-1616 Jan 20 j 18:07	17° ♁ 10'47	3°54'37
direct	-1617 Feb 20 j 14:54	26° ♁ 42'23		min. Earth dist.	-1616 Jan 23 j 14:11	14° ♁ 15'57	0.62380 AU
desc. node	-1617 Feb 25 j 21:22	27° ♁ 54'35		morning rise	-1616 Jan 27 j 01:02	11° ♁ 13'53	
	-1617 Mar 01 j 13:22	0° ♁		direct	-1616 Feb 03 j 01:34	8° ♁ 37'34	
morning max el	-1617 Mar 06 j 20:15	4° ♁ 27'02	27°27'08	desc. node	-1616 Feb 12 j 18:26	12° ♁ 40'50	
	-1617 Mar 25 j 17:55	0° ♁		morning max el	-1616 Feb 17 j 01:03	16° ♁ 27'00	27°45'30
morning set	-1617 Apr 07 j 11:45	23° ♁ 54'33			-1616 Feb 28 j 06:18	0° ♁	
	-1617 Apr 10 j 09:12	0° ♁			-1616 Mar 17 j 08:47	0° ♁	
max. Earth dist.	-1617 Apr 13 j 21:53	7° ♁ 38'24	1.32460 AU	morning set	-1616 Mar 21 j 14:45	8° ♁ 22'24	
asc. node	-1617 Apr 14 j 01:54	8° ♁ 00'19		max. Earth dist.	-1616 Mar 27 j 07:21	20° ♁ 17'10	1.32791 AU
superior conj	-1617 Apr 14 j 15:58	9° ♁ 17'18	0°06'12	superior conj	-1616 Mar 29 j 01:46	24° ♁ 05'59	-0°19'45
minimum elong	-1617 Apr 14 j 15:41	9° ♁ 15'45	0°06'08	minimum elong	-1616 Mar 29 j 02:41	24° ♁ 10'57	0°19'33
behind sun begin	-1617 Apr 14 j 11:01	8° ♁ 50'14		asc. node	-1616 Mar 30 j 22:55	28° ♁ 11'07	
behind sun end	-1617 Apr 14 j 20:21	9° ♁ 41'16			-1616 Mar 31 j 18:58	0° ♁	
evening rise	-1617 Apr 21 j 14:13	24° ♁ 17'38		evening rise	-1616 Apr 05 j 01:52	9° ♁ 12'51	
	-1617 Apr 24 j 08:23	0° ♁			-1616 Apr 15 j 21:45	0° ♁	
	-1617 May 12 j 07:17	0° ♁		evening max el	-1616 Apr 29 j 15:06	18° ♁ 18'22	24°05'57
evening max el	-1617 May 18 j 23:39	7° ♁ 31'47	25°34'07	desc. node	-1616 May 10 j 17:31	24° ♁ 58'39	
desc. node	-1617 May 24 j 20:28	12° ♁ 09'21		retrograde	-1616 May 13 j 11:19	25° ♁ 15'51	
retrograde	-1617 Jun 02 j 01:03	14° ♁ 43'49		evening set	-1616 May 17 j 18:48	24° ♁ 34'26	
evening set	-1617 Jun 07 j 17:54	13° ♁ 26'52		min. Earth dist.	-1616 May 24 j 02:30	21° ♁ 30'28	0.56479 AU
min. Earth dist.	-1617 Jun 12 j 11:45	10° ♁ 42'54	0.58246 AU	inferior conj	-1616 May 26 j 14:40	19° ♁ 56'56	-3°50'53
inferior conj	-1617 Jun 15 j 17:45	8° ♁ 24'31	-4°29'49	minimum elong	-1616 May 26 j 08:41	20° ♁ 06'17	3°49'41
minimum elong	-1617 Jun 15 j 15:37	8° ♁ 28'21	4°29'39	morning rise	-1616 Jun 04 j 01:35	15° ♁ 55'28	
morning rise	-1617 Jun 23 j 16:00	4° ♁ 05'31		direct	-1616 Jun 06 j 15:15	15° ♁ 38'06	
direct	-1617 Jun 26 j 04:40	3° ♁ 45'25		morning max el	-1616 Jun 16 j 09:21	20° ♁ 09'13	19°44'09
morning max el	-1617 Jul 04 j 12:44	7° ♁ 40'51	18°47'17		-1616 Jun 24 j 03:35	0° ♁	
asc. node	-1617 Jul 11 j 01:10	15° ♁ 54'56		asc. node	-1616 Jun 26 j 22:13	4° ♁ 38'51	
	-1617 Jul 18 j 23:31	0° ♁		morning set	-1616 Jul 04 j 01:39	18° ♁ 18'24	
morning set	-1617 Jul 20 j 23:57	3° ♁ 54'52			-1616 Jul 09 j 20:24	0° ♁	
superior conj	-1617 Jul 29 j 15:34	20° ♁ 41'52	1°47'32	superior conj	-1616 Jul 12 j 00:42	4° ♁ 21'15	1°46'28
minimum elong	-1617 Jul 29 j 16:23	20° ♁ 45'46	1°47'33	minimum elong	-1616 Jul 11 j 23:40	4° ♁ 16'08	1°46'28
	-1617 Aug 03 j 16:00	0° ♁		max. Earth dist.	-1616 Jul 17 j 18:08	15° ♁ 24'52	1.37260 AU
max. Earth dist.	-1617 Aug 05 j 15:11	3° ♁ 31'32	1.39202 AU	evening rise	-1616 Jul 21 j 14:39	22° ♁ 29'42	
evening rise	-1617 Aug 09 j 15:03	10° ♁ 28'48			-1616 Jul 25 j 21:24	0° ♁	
desc. node	-1617 Aug 20 j 19:49	28° ♁ 35'49		desc. node	-1616 Aug 06 j 16:48	18° ♁ 53'00	
	-1617 Aug 21 j 17:52	0° ♁			-1616 Aug 14 j 12:59	0° ♁	
	-1617 Sep 13 j 11:06	0° ♁		evening max el	-1616 Aug 26 j 11:26	14° ♁ 07'07	25°28'16
evening max el	-1617 Sep 14 j 00:20	0° ♁ 33'16	24°13'05	retrograde	-1616 Sep 07 j 13:30	21° ♁ 05'11	
retrograde	-1617 Sep 25 j 02:50	7° ♁ 04'36		evening set	-1616 Sep 13 j 12:52	18° ♁ 33'07	
evening set	-1617 Sep 30 j 11:27	4° ♁ 48'54		min. Earth dist.	-1616 Sep 17 j 22:14	13° ♁ 39'30	0.66910 AU
	-1617 Oct 04 j 17:07	30° ♁		inferior conj	-1616 Sep 19 j 00:20	12° ♁ 15'04	-1°18'57
min. Earth dist.	-1617 Oct 05 j 05:10	29° ♁ 19'37	0.67397 AU	minimum elong	-1616 Sep 19 j 02:16	12° ♁ 08'48	1°18'08
inferior conj	-1617 Oct 05 j 20:25	28° ♁ 28'09	-0°24'05	asc. node	-1616 Sep 22 j 21:24	7° ♁ 42'36	
minimum elong	-1617 Oct 05 j 21:00	28° ♁ 26'12	0°23'50	morning rise	-1616 Sep 24 j 15:48	6° ♁ 16'54	
asc. node	-1617 Oct 07 j 00:21	26° ♁ 54'54		direct	-1616 Sep 28 j 00:56	5° ♁ 10'45	
morning rise	-1617 Oct 11 j 06:32	22° ♁ 22'01		morning max el	-1616 Oct 05 j 06:44	9° ♁ 18'28	19°28'33
direct	-1617 Oct 15 j 02:42	20° ♁ 57'51			-1616 Oct 20 j 09:06	0° ♁	
morning max el	-1617 Oct 23 j 03:03	25° ♁ 37'27	20°32'08	morning set	-1616 Oct 29 j 11:03	14° ♁ 01'26	
	-1617 Oct 26 j 23:30	0° ♁		desc. node	-1616 Nov 02 j 16:13	20° ♁ 35'24	
desc. node	-1617 Nov 16 j 19:14	0° ♁			-1616 Nov 08 j 16:22	0° ♁	
	-1617 Nov 16 j 18:54	0° ♁		max. Earth dist.	-1616 Nov 11 j 17:27	4° ♁ 48'22	1.44460 AU
morning set	-1617 Nov 20 j 10:49	5° ♁ 39'03					

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1616 Nov 15 j 05:23	10° \mathbb{M} 22'03	-1°15'34	desc. node	-1615 Oct 20 j 13:13	11° $\underline{\mathbf{A}}$ 16'56	
minimum elong	-1616 Nov 14 j 21:36	9° \mathbb{M} 51'00	1°14'44				
	-1616 Nov 27 j 06:39	0° \mathbb{A}		superior conj	-1615 Oct 25 j 06:51	18° $\underline{\mathbf{A}}$ 44'22	-0°30'19
evening rise	-1616 Nov 29 j 11:43	3° \mathbb{A} 40'55		minimum elong	-1615 Oct 25 j 02:51	18° $\underline{\mathbf{A}}$ 28'41	0°29'48
	-1616 Dec 16 j 03:21	0° \mathbb{B}		max. Earth dist.	-1615 Oct 25 j 11:12	19° $\underline{\mathbf{A}}$ 01'29	1.44949 AU
evening max el	-1616 Dec 18 j 14:41	2° \mathbb{B} 50'28	18°25'05		-1615 Nov 01 j 10:26	0° \mathbb{M}	
asc. node	-1616 Dec 19 j 20:39	4° \mathbb{B} 01'09		evening rise	-1615 Nov 10 j 05:33	13° \mathbb{M} 57'27	
retrograde	-1616 Dec 25 j 04:02	6° \mathbb{B} 26'07		greatest brilliancy	-1615 Nov 17 j 17:59	25° \mathbb{M} 57'11	-0.8m
evening set	-1616 Dec 28 j 03:19	5° \mathbb{B} 38'02			-1615 Nov 20 j 07:31	0° \mathbb{A}	
inferior conj	-1615 Jan 03 j 02:57	0° \mathbb{B} 08'30	3°39'59	evening max el	-1615 Dec 02 j 01:20	16° \mathbb{A} 15'50	18°58'54
minimum elong	-1615 Jan 03 j 00:41	0° \mathbb{B} 15'01	3°39'36	asc. node	-1615 Dec 06 j 17:41	19° \mathbb{A} 43'39	
	-1615 Jan 03 j 05:54	30° \mathbb{R} \mathbb{A}		retrograde	-1615 Dec 08 j 22:21	20° \mathbb{A} 10'15	
min. Earth dist.	-1615 Jan 05 j 07:20	27° \mathbb{A} 38'36	0.64132 AU	evening set	-1615 Dec 12 j 03:32	19° \mathbb{A} 10'35	
morning rise	-1615 Jan 08 j 21:30	24° \mathbb{A} 05'15		inferior conj	-1615 Dec 17 j 20:29	13° \mathbb{A} 24'17	3°11'51
direct	-1615 Jan 15 j 19:54	21° \mathbb{A} 14'26		minimum elong	-1615 Dec 17 j 17:35	13° \mathbb{A} 33'18	3°11'08
morning max el	-1615 Jan 29 j 09:30	29° \mathbb{A} 01'18	27°27'55	min. Earth dist.	-1615 Dec 19 j 09:52	11° \mathbb{A} 27'59	0.65527 AU
desc. node	-1615 Jan 29 j 15:28	29° \mathbb{A} 16'13		morning rise	-1615 Dec 23 j 07:22	7° \mathbb{A} 15'22	
	-1615 Jan 30 j 08:36	0° \mathbb{B}		direct	-1615 Dec 29 j 20:33	4° \mathbb{A} 24'56	
	-1615 Feb 21 j 02:21	0° \approx		morning max el	-1614 Jan 11 j 19:03	11° \mathbb{A} 58'55	26°39'25
morning set	-1615 Mar 05 j 10:07	22° \approx 23'22		desc. node	-1614 Jan 16 j 12:30	17° \mathbb{A} 09'37	
	-1615 Mar 09 j 04:45	0° \mathbb{H}			-1614 Jan 26 j 06:38	0° \mathbb{B}	
max. Earth dist.	-1615 Mar 10 j 09:26	2° \mathbb{H} 28'22	1.33525 AU		-1614 Feb 13 j 16:03	0° \approx	
				morning set	-1614 Feb 16 j 18:18	5° \approx 45'56	
superior conj	-1615 Mar 13 j 08:03	8° \mathbb{H} 40'03	-0°45'48	max. Earth dist.	-1614 Feb 21 j 00:54	14° \approx 05'04	1.34706 AU
minimum elong	-1615 Mar 13 j 10:11	8° \mathbb{H} 51'19	0°45'23				
asc. node	-1615 Mar 17 j 19:58	18° \mathbb{H} 16'51		superior conj	-1614 Feb 25 j 08:38	22° \approx 51'54	-1°10'45
evening rise	-1615 Mar 20 j 13:11	24° \mathbb{H} 02'36		minimum elong	-1614 Feb 25 j 11:45	23° \approx 07'59	1°10'15
	-1615 Mar 23 j 10:33	0° \mathbb{Y}			-1614 Feb 28 j 18:46	0° \mathbb{H}	
evening max el	-1615 Apr 11 j 07:41	28° \mathbb{Y} 57'21	22°31'12	evening rise	-1614 Mar 04 j 22:19	8° \mathbb{H} 40'05	
	-1615 Apr 12 j 10:51	0° \mathbb{B}		asc. node	-1614 Mar 04 j 17:01	8° \mathbb{H} 12'37	
retrograde	-1615 Apr 24 j 08:42	5° \mathbb{B} 21'40			-1614 Mar 16 j 10:25	0° \mathbb{Y}	
evening set	-1615 Apr 27 j 09:12	5° \mathbb{B} 01'39		evening max el	-1614 Mar 24 j 07:32	9° \mathbb{Y} 54'39	21°02'59
desc. node	-1615 Apr 27 j 14:34	4° \mathbb{B} 58'38		retrograde	-1614 Apr 04 j 21:59	15° \mathbb{Y} 29'57	
min. Earth dist.	-1615 May 05 j 16:00	1° \mathbb{B} 26'21	0.55340 AU	evening set	-1614 Apr 07 j 05:38	15° \mathbb{Y} 17'23	
inferior conj	-1615 May 06 j 17:48	0° \mathbb{B} 49'39	-2°28'34	desc. node	-1614 Apr 14 j 11:38	12° \mathbb{Y} 27'08	
minimum elong	-1615 May 06 j 11:37	0° \mathbb{B} 58'27	2°26'39	inferior conj	-1614 Apr 16 j 12:26	11° \mathbb{Y} 19'03	-0°34'34
	-1615 May 08 j 04:58	30° \mathbb{R} \mathbb{Y}		minimum elong	-1614 Apr 16 j 10:48	11° \mathbb{Y} 21'22	0°33'59
morning rise	-1615 May 15 j 15:56	26° \mathbb{Y} 54'20		min. Earth dist.	-1614 Apr 17 j 05:24	10° \mathbb{Y} 55'03	0.55084 AU
direct	-1615 May 18 j 09:19	26° \mathbb{Y} 37'13		morning rise	-1614 Apr 25 j 15:40	7° \mathbb{Y} 12'48	
	-1615 May 27 j 11:20	0° \mathbb{B}		direct	-1614 Apr 28 j 20:31	6° \mathbb{Y} 50'34	
morning max el	-1615 May 29 j 19:10	1° \mathbb{B} 56'51	21°00'56	morning max el	-1614 May 11 j 18:24	13° \mathbb{Y} 02'32	22°33'50
asc. node	-1615 Jun 13 j 19:15	23° \mathbb{B} 54'18			-1614 May 24 j 11:28	0° \mathbb{B}	
	-1615 Jun 16 j 21:22	0° \mathbb{H}		asc. node	-1614 May 31 j 16:18	13° \mathbb{B} 32'29	
morning set	-1615 Jun 18 j 08:47	3° \mathbb{H} 00'46		morning set	-1614 Jun 02 j 19:14	17° \mathbb{B} 54'40	
					-1614 Jun 08 j 11:59	0° \mathbb{H}	
superior conj	-1615 Jun 25 j 20:40	18° \mathbb{H} 34'50	1°38'05	superior conj	-1614 Jun 10 j 00:01	3° \mathbb{H} 11'22	1°24'09
minimum elong	-1615 Jun 25 j 18:32	18° \mathbb{H} 23'49	1°37'57	minimum elong	-1614 Jun 09 j 21:27	2° \mathbb{H} 57'48	1°23'50
max. Earth dist.	-1615 Jun 30 j 03:29	27° \mathbb{H} 14'28	1.35568 AU	max. Earth dist.	-1614 Jun 12 j 22:27	9° \mathbb{H} 20'41	1.34229 AU
	-1615 Jul 01 j 13:11	0° \mathbb{B}		evening rise	-1614 Jun 17 j 20:16	19° \mathbb{H} 15'21	
evening rise	-1615 Jul 04 j 10:07	5° \mathbb{B} 30'23			-1614 Jun 23 j 13:00	0° \mathbb{B}	
	-1615 Jul 18 j 16:08	0° \mathbb{Q}		desc. node	-1614 Jul 11 j 10:53	28° \mathbb{B} 16'18	
desc. node	-1615 Jul 24 j 13:50	8° \mathbb{Q} 49'46			-1614 Jul 12 j 18:11	0° \mathbb{Q}	
evening max el	-1615 Aug 08 j 23:02	27° \mathbb{Q} 41'30	26°30'19	evening max el	-1614 Jul 22 j 10:47	11° \mathbb{Q} 06'19	27°11'32
	-1615 Aug 11 j 12:01	0° \mathbb{M}		retrograde	-1614 Aug 04 j 19:19	18° \mathbb{Q} 26'14	
retrograde	-1615 Aug 21 j 19:10	4° \mathbb{M} 55'03		evening set	-1614 Aug 11 j 19:15	15° \mathbb{Q} 39'40	
evening set	-1615 Aug 28 j 08:20	2° \mathbb{M} 11'35		min. Earth dist.	-1614 Aug 15 j 14:03	12° \mathbb{Q} 00'50	0.64894 AU
	-1615 Aug 30 j 14:36	30° \mathbb{R} \mathbb{Q}		inferior conj	-1614 Aug 17 j 17:14	9° \mathbb{Q} 38'04	-3°03'37
min. Earth dist.	-1615 Sep 01 j 10:00	27° \mathbb{Q} 55'27	0.66086 AU	minimum elong	-1614 Aug 17 j 21:22	9° \mathbb{Q} 26'32	3°02'19
inferior conj	-1615 Sep 03 j 00:01	26° \mathbb{Q} 00'03	-2°12'51	morning rise	-1614 Aug 24 j 00:06	4° \mathbb{Q} 05'46	
minimum elong	-1615 Sep 03 j 03:14	25° \mathbb{Q} 50'18	2°11'39	direct	-1614 Aug 26 j 18:16	3° \mathbb{Q} 25'19	
morning rise	-1615 Sep 08 j 22:27	20° \mathbb{Q} 13'04		asc. node	-1614 Aug 27 j 15:29	3° \mathbb{Q} 29'30	
asc. node	-1615 Sep 09 j 18:26	19° \mathbb{Q} 48'34		morning max el	-1614 Sep 02 j 06:44	6° \mathbb{Q} 55'52	18°08'54
direct	-1615 Sep 11 j 22:54	19° \mathbb{Q} 21'27			-1614 Sep 17 j 19:31	0° \mathbb{M}	
morning max el	-1615 Sep 18 j 16:41	23° \mathbb{Q} 06'13	18°40'21	morning set	-1614 Sep 20 j 11:09	4° \mathbb{M} 25'40	
	-1615 Sep 24 j 06:05	0° \mathbb{M}					
morning set	-1615 Oct 09 j 08:57	23° \mathbb{M} 32'07		superior conj	-1614 Oct 04 j 11:41	27° \mathbb{M} 21'36	0°19'03
	-1615 Oct 13 j 10:15	0° $\underline{\mathbf{A}}$					

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1614 Oct 04 j 14:00	27° \mathbb{M} 30'50	0°18'45		-1613 Sep 10 j 09:19	0° \mathbb{M}	
	-1614 Oct 06 j 03:26	0° \mathbb{L}					
desc. node	-1614 Oct 07 j 10:16	2° \mathbb{L} 02'23		superior conj	-1613 Sep 14 j 14:40	7° \mathbb{M} 05'58	1°00'38
max. Earth dist.	-1614 Oct 08 j 06:02	3° \mathbb{L} 20'37	1.44693 AU	minimum elong	-1613 Sep 14 j 19:56	7° \mathbb{M} 27'50	1°00'00
evening rise	-1614 Oct 21 j 00:35	23° \mathbb{L} 18'33		max. Earth dist.	-1613 Sep 20 j 22:06	17° \mathbb{M} 24'28	1.43740 AU
	-1614 Oct 25 j 08:25	0° \mathbb{M}		desc. node	-1613 Sep 24 j 07:17	22° \mathbb{M} 48'15	
greatest brilliancy	-1614 Nov 02 j 23:35	13° \mathbb{M} 10'30	-0.7m		-1613 Sep 28 j 21:24	0° \mathbb{L}	
evening max el	-1614 Nov 15 j 07:57	29° \mathbb{M} 43'17	19°48'52	evening rise	-1613 Sep 30 j 06:43	2° \mathbb{L} 09'08	
	-1614 Nov 15 j 14:30	0° \mathbb{L}			-1613 Oct 18 j 22:54	0° \mathbb{M}	
retrograde	-1614 Nov 22 j 19:26	4° \mathbb{L} 05'07		evening max el	-1613 Oct 29 j 08:58	13° \mathbb{M} 10'15	20°52'48
asc. node	-1614 Nov 23 j 14:43	4° \mathbb{L} 01'25		retrograde	-1613 Nov 06 j 16:56	18° \mathbb{M} 06'29	
evening set	-1614 Nov 26 j 08:19	2° \mathbb{L} 51'57		asc. node	-1613 Nov 10 j 11:46	16° \mathbb{M} 44'43	
	-1614 Nov 29 j 09:03	30° \mathbb{R} \mathbb{M}		evening set	-1613 Nov 10 j 15:33	16° \mathbb{M} 37'44	
inferior conj	-1614 Dec 01 j 20:38	26° \mathbb{M} 51'50	2°34'11	inferior conj	-1613 Nov 16 j 00:57	10° \mathbb{M} 27'11	1°49'36
minimum elong	-1614 Dec 01 j 17:47	27° \mathbb{M} 01'13	2°33'16	minimum elong	-1613 Nov 15 j 22:41	10° \mathbb{M} 34'58	1°48'44
min. Earth dist.	-1614 Dec 02 j 20:25	25° \mathbb{M} 33'18	0.66539 AU	min. Earth dist.	-1613 Nov 16 j 12:48	9° \mathbb{M} 46'42	0.67192 AU
morning rise	-1614 Dec 07 j 03:04	20° \mathbb{M} 39'14		morning rise	-1613 Nov 21 j 05:38	4° \mathbb{M} 13'02	
direct	-1614 Dec 13 j 02:52	18° \mathbb{M} 00'37		direct	-1613 Nov 26 j 14:19	1° \mathbb{M} 53'08	
morning max el	-1614 Dec 25 j 04:08	25° \mathbb{M} 09'26	25°28'17	morning max el	-1613 Dec 07 j 12:47	8° \mathbb{M} 24'33	24°04'09
	-1614 Dec 29 j 14:17	0° \mathbb{L}		desc. node	-1613 Dec 21 j 06:37	25° \mathbb{M} 25'43	
desc. node	-1613 Jan 03 j 09:34	5° \mathbb{L} 58'20			-1613 Dec 24 j 11:42	0° \mathbb{L}	
	-1613 Jan 19 j 18:27	0° \mathbb{L}		morning set	-1612 Jan 12 j 05:07	29° \mathbb{L} 38'36	
morning set	-1613 Jan 30 j 10:40	18° \mathbb{L} 16'42			-1612 Jan 12 j 10:05	0° \mathbb{L}	
max. Earth dist.	-1613 Feb 03 j 05:03	25° \mathbb{L} 15'01	1.36329 AU	max. Earth dist.	-1612 Jan 16 j 01:14	6° \mathbb{L} 22'35	1.38299 AU
	-1613 Feb 05 j 16:39	0° \mathbb{L}					
superior conj	-1613 Feb 09 j 00:47	6° \mathbb{L} 33'43	-1°32'56	superior conj	-1612 Jan 23 j 04:51	19° \mathbb{L} 34'53	-1°50'01
minimum elong	-1613 Feb 09 j 04:21	6° \mathbb{L} 51'30	1°32'31	minimum elong	-1612 Jan 23 j 07:51	19° \mathbb{L} 49'09	1°49'50
evening rise	-1613 Feb 17 j 03:15	22° \mathbb{L} 59'03			-1612 Jan 28 j 13:49	0° \mathbb{L}	
asc. node	-1613 Feb 19 j 14:05	27° \mathbb{L} 53'36		evening rise	-1612 Feb 01 j 01:29	6° \mathbb{L} 51'49	
	-1613 Feb 20 j 15:52	0° \mathbb{L}		asc. node	-1612 Feb 06 j 11:07	17° \mathbb{L} 13'21	
evening max el	-1613 Mar 06 j 18:02	21° \mathbb{L} 26'37	19°50'00		-1612 Feb 14 j 10:39	0° \mathbb{L}	
retrograde	-1613 Mar 16 j 15:40	26° \mathbb{L} 10'29		evening max el	-1612 Feb 17 j 14:58	3° \mathbb{L} 35'02	18°56'06
evening set	-1613 Mar 18 j 20:16	25° \mathbb{L} 57'36		retrograde	-1612 Feb 26 j 00:18	7° \mathbb{L} 37'28	
inferior conj	-1613 Mar 27 j 13:03	21° \mathbb{L} 55'43	1°19'40	evening set	-1612 Feb 28 j 08:21	7° \mathbb{L} 19'57	
minimum elong	-1613 Mar 27 j 16:19	21° \mathbb{L} 50'39	1°18'35	inferior conj	-1612 Mar 07 j 06:49	3° \mathbb{L} 03'08	2°46'07
min. Earth dist.	-1613 Mar 29 j 19:35	20° \mathbb{L} 31'35	0.55769 AU	minimum elong	-1612 Mar 07 j 11:24	2° \mathbb{L} 54'55	2°44'59
desc. node	-1613 Apr 01 j 08:41	19° \mathbb{L} 04'24		min. Earth dist.	-1612 Mar 10 j 11:40	0° \mathbb{L} 46'49	0.57238 AU
morning rise	-1613 Apr 05 j 10:06	17° \mathbb{L} 21'51			-1612 Mar 11 j 15:58	30° \mathbb{R} \mathbb{L}	
direct	-1613 Apr 09 j 13:12	16° \mathbb{L} 44'05		morning rise	-1612 Mar 15 j 11:33	27° \mathbb{L} 57'09	
morning max el	-1613 Apr 23 j 10:45	23° \mathbb{L} 40'15	24°14'02	desc. node	-1612 Mar 18 j 05:45	27° \mathbb{L} 05'23	
	-1613 Apr 29 j 03:34	0° \mathbb{Y}		direct	-1612 Mar 20 j 18:59	26° \mathbb{L} 49'35	
	-1613 May 16 j 21:41	0° \mathbb{L}			-1612 Mar 29 j 21:52	0° \mathbb{L}	
morning set	-1613 May 18 j 07:12	2° \mathbb{L} 54'29		morning max el	-1612 Apr 04 j 01:58	4° \mathbb{L} 14'44	25°47'45
asc. node	-1613 May 18 j 13:23	3° \mathbb{L} 27'04			-1612 Apr 22 j 14:44	0° \mathbb{Y}	
				morning set	-1612 May 01 j 19:00	17° \mathbb{Y} 54'03	
superior conj	-1613 May 25 j 08:09	18° \mathbb{L} 02'49	1°05'56	asc. node	-1612 May 04 j 10:28	23° \mathbb{Y} 32'19	
minimum elong	-1613 May 25 j 05:45	17° \mathbb{L} 49'47	1°05'33		-1612 May 07 j 09:44	0° \mathbb{L}	
max. Earth dist.	-1613 May 27 j 02:26	21° \mathbb{L} 50'22	1.33267 AU	superior conj	-1612 May 08 j 19:01	3° \mathbb{L} 01'58	0°44'30
	-1613 May 30 j 23:22	0° \mathbb{L}		minimum elong	-1612 May 08 j 17:11	2° \mathbb{L} 51'59	0°44'09
evening rise	-1613 Jun 01 j 16:55	3° \mathbb{L} 32'25		max. Earth dist.	-1612 May 09 j 12:38	4° \mathbb{L} 38'12	1.32671 AU
	-1613 Jun 16 j 07:25	0° \mathbb{L}		evening rise	-1612 May 15 j 20:48	18° \mathbb{L} 11'08	
desc. node	-1613 Jun 28 j 07:54	17° \mathbb{L} 00'01			-1612 May 21 j 19:57	0° \mathbb{L}	
evening max el	-1613 Jul 04 j 20:55	24° \mathbb{L} 09'14	27°25'14		-1612 Jun 10 j 01:02	0° \mathbb{L}	
	-1613 Jul 12 j 18:11	0° \mathbb{L}		desc. node	-1612 Jun 14 j 04:56	4° \mathbb{L} 43'07	
retrograde	-1613 Jul 18 j 13:38	1° \mathbb{L} 30'15		evening max el	-1612 Jun 16 j 03:08	6° \mathbb{L} 38'31	27°07'02
	-1613 Jul 24 j 00:19	30° \mathbb{R} \mathbb{L}		retrograde	-1612 Jun 30 j 01:25	13° \mathbb{L} 57'57	
evening set	-1613 Jul 25 j 18:23	28° \mathbb{L} 52'26		evening set	-1612 Jul 07 j 01:40	11° \mathbb{L} 43'14	
min. Earth dist.	-1613 Jul 29 j 08:35	25° \mathbb{L} 46'14	0.63330 AU	min. Earth dist.	-1612 Jul 10 j 17:04	8° \mathbb{L} 58'35	0.61449 AU
inferior conj	-1613 Aug 01 j 01:20	23° \mathbb{L} 03'40	-3°48'00	inferior conj	-1612 Jul 13 j 21:09	6° \mathbb{L} 09'47	-4°20'59
minimum elong	-1613 Aug 01 j 05:39	22° \mathbb{L} 52'48	3°47'00	minimum elong	-1612 Jul 14 j 00:19	6° \mathbb{L} 02'42	4°20'33
morning rise	-1613 Aug 07 j 17:57	17° \mathbb{L} 49'17		morning rise	-1612 Jul 21 j 00:34	1° \mathbb{L} 15'59	
direct	-1613 Aug 10 j 08:05	17° \mathbb{L} 17'07		direct	-1612 Jul 23 j 12:49	0° \mathbb{L} 49'46	
asc. node	-1613 Aug 14 j 12:34	18° \mathbb{L} 42'04		morning max el	-1612 Jul 30 j 12:09	4° \mathbb{L} 18'01	17°59'40
morning max el	-1613 Aug 16 j 22:10	20° \mathbb{L} 41'59	17°55'02	asc. node	-1612 Jul 31 j 09:39	5° \mathbb{L} 13'08	
	-1613 Aug 23 j 21:54	0° \mathbb{L}		morning set	-1612 Aug 15 j 11:58	29° \mathbb{L} 28'56	
morning set	-1613 Sep 02 j 14:04	16° \mathbb{L} 29'49			-1612 Aug 15 j 18:44	0° \mathbb{L}	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1612 Aug 25 j 21:17	18° Ω 12'30	1°28'54	superior conj	-1611 Aug 08 j 03:56	0° Ω 30'43	1°43'59
minimum elong	-1612 Aug 26 j 01:44	18° Ω 31'59	1°28'31	minimum elong	-1611 Aug 08 j 06:06	0° Ω 40'39	1°43'54
	-1612 Sep 01 j 19:18	0° \mathbb{N}		max. Earth dist.	-1611 Aug 15 j 14:15	13° Ω 46'13	1.40353 AU
max. Earth dist.	-1612 Sep 02 j 08:50	0° \mathbb{N} 56'05	1.42225 AU	evening rise	-1611 Aug 20 j 03:00	21° Ω 26'01	
evening rise	-1612 Sep 08 j 18:24	11° \mathbb{N} 17'52			-1611 Aug 25 j 09:52	0° \mathbb{N}	
desc. node	-1612 Sep 10 j 04:18	13° \mathbb{N} 31'38		desc. node	-1611 Aug 28 j 01:18	4° \mathbb{N} 08'31	
	-1612 Sep 20 j 23:51	0° $\underline{\mathbb{A}}$			-1611 Sep 15 j 02:26	0° $\underline{\mathbb{A}}$	
evening max el	-1612 Oct 11 j 04:05	26° $\underline{\mathbb{A}}$ 37'33	22°07'13	evening max el	-1611 Sep 23 j 18:25	10° $\underline{\mathbb{A}}$ 06'43	23°27'11
	-1612 Oct 14 j 23:55	0° \mathbb{M}		retrograde	-1611 Oct 04 j 05:53	16° $\underline{\mathbb{A}}$ 18'11	
retrograde	-1612 Oct 20 j 12:53	2° \mathbb{M} 11'50		evening set	-1611 Oct 09 j 06:03	14° $\underline{\mathbb{A}}$ 13'20	
evening set	-1612 Oct 24 j 23:22	0° \mathbb{M} 25'37		min. Earth dist.	-1611 Oct 14 j 05:06	8° $\underline{\mathbb{A}}$ 24'28	0.67533 AU
	-1612 Oct 25 j 11:22	30° $\mathbb{R}\underline{\mathbb{A}}$		asc. node	-1611 Oct 14 j 05:52	8° $\underline{\mathbb{A}}$ 21'48	
asc. node	-1612 Oct 27 j 08:49	28° $\underline{\mathbb{A}}$ 00'47		inferior conj	-1611 Oct 14 j 14:18	7° $\underline{\mathbb{A}}$ 52'58	0°07'16
inferior conj	-1612 Oct 30 j 07:27	24° $\underline{\mathbb{A}}$ 08'19	1°00'06	minimum elong	-1611 Oct 14 j 14:07	7° $\underline{\mathbb{A}}$ 53'34	0°07'10
minimum elong	-1612 Oct 30 j 06:06	24° $\underline{\mathbb{A}}$ 13'01	0°59'31	transit middle	-1611 Oct 14 j 14:07	7° $\underline{\mathbb{A}}$ 53'34	0°07'10
min. Earth dist.	-1612 Oct 30 j 08:32	24° $\underline{\mathbb{A}}$ 04'33	0.67518 AU	transit begin	-1611 Oct 14 j 11:41	8° $\underline{\mathbb{A}}$ 01'54	
morning rise	-1612 Nov 04 j 12:41	17° $\underline{\mathbb{A}}$ 55'03		transit end	-1611 Oct 14 j 16:33	7° $\underline{\mathbb{A}}$ 45'14	
direct	-1612 Nov 09 j 06:15	15° $\underline{\mathbb{A}}$ 56'57		morning rise	-1611 Oct 19 j 22:05	1° $\underline{\mathbb{A}}$ 43'23	
morning max el	-1612 Nov 18 j 23:22	21° $\underline{\mathbb{A}}$ 43'16	22°36'49	direct	-1611 Oct 24 j 01:40	0° $\underline{\mathbb{A}}$ 07'10	
	-1612 Nov 26 j 01:47	0° \mathbb{M}		morning max el	-1611 Nov 01 j 15:18	5° $\underline{\mathbb{A}}$ 08'58	21°14'39
desc. node	-1612 Dec 07 j 03:39	15° \mathbb{M} 20'49			-1611 Nov 20 j 07:07	0° \mathbb{M}	
	-1612 Dec 16 j 19:34	0° \mathbb{X}		desc. node	-1611 Nov 24 j 00:41	5° \mathbb{M} 35'28	
morning set	-1612 Dec 22 j 19:49	9° \mathbb{X} 37'36		morning set	-1611 Dec 02 j 06:35	18° \mathbb{M} 18'13	
max. Earth dist.	-1612 Dec 27 j 21:09	18° \mathbb{X} 03'33	1.40404 AU		-1611 Dec 09 j 13:48	0° \mathbb{X}	
	-1611 Jan 03 j 17:08	0° \mathbb{Z}		max. Earth dist.	-1611 Dec 09 j 23:37	0° \mathbb{X} 40'09	1.42349 AU
superior conj	-1611 Jan 04 j 16:14	1° \mathbb{Z} 44'02	-1°58'48	superior conj	-1611 Dec 17 j 05:24	12° \mathbb{X} 47'50	-1°55'15
minimum elong	-1611 Jan 04 j 17:02	1° \mathbb{Z} 47'42	1°58'50	minimum elong	-1611 Dec 17 j 02:14	12° \mathbb{X} 34'19	1°55'09
evening rise	-1611 Jan 14 j 14:04	20° \mathbb{Z} 11'20			-1611 Dec 26 j 23:41	0° \mathbb{Z}	
	-1611 Jan 19 j 20:23	0° \approx		evening rise	-1611 Dec 28 j 13:21	2° \mathbb{Z} 49'57	
asc. node	-1611 Jan 23 j 08:08	6° \approx 05'01		asc. node	-1610 Jan 10 j 05:09	24° \mathbb{Z} 19'58	
evening max el	-1611 Jan 30 j 20:04	16° \approx 14'08	18°22'14	evening max el	-1610 Jan 14 j 06:20	29° \mathbb{Z} 15'28	18°08'16
retrograde	-1611 Feb 07 j 03:27	19° \approx 50'46			-1610 Jan 15 j 01:17	0° \approx	
evening set	-1611 Feb 09 j 16:04	19° \approx 26'04		retrograde	-1610 Jan 20 j 23:09	2° \approx 41'50	
inferior conj	-1611 Feb 16 j 21:22	14° \approx 49'00	3°36'14	evening set	-1610 Jan 23 j 15:47	2° \approx 08'44	
minimum elong	-1611 Feb 17 j 00:17	14° \approx 42'55	3°35'50		-1610 Jan 27 j 03:21	30° $\mathbb{R}\mathbb{Z}$	
min. Earth dist.	-1611 Feb 20 j 07:26	11° \approx 59'31	0.59183 AU	inferior conj	-1610 Jan 30 j 07:03	27° \mathbb{Z} 10'04	3°54'58
morning rise	-1611 Feb 24 j 06:14	9° \approx 17'59		minimum elong	-1610 Jan 30 j 07:29	27° \mathbb{Z} 09'02	3°54'55
direct	-1611 Mar 02 j 14:03	7° \approx 31'55		min. Earth dist.	-1610 Feb 02 j 09:39	24° \mathbb{Z} 12'11	0.61248 AU
desc. node	-1611 Mar 05 j 02:48	7° \approx 48'27		morning rise	-1610 Feb 05 j 21:50	21° \mathbb{Z} 22'25	
morning max el	-1611 Mar 16 j 21:05	15° \approx 11'56	26°59'52	direct	-1610 Feb 12 j 19:33	19° \mathbb{Z} 01'20	
	-1611 Mar 28 j 20:37	0° \mathbb{H}		desc. node	-1610 Feb 19 j 23:52	21° \mathbb{Z} 15'28	
	-1611 Apr 14 j 20:38	0° \mathbb{Y}		morning max el	-1610 Feb 26 j 22:25	26° \mathbb{Z} 48'06	27°39'29
morning set	-1611 Apr 16 j 04:55	2° \mathbb{Y} 46'52			-1610 Mar 01 j 23:19	0° \approx	
asc. node	-1611 Apr 21 j 07:30	13° \mathbb{Y} 43'12			-1610 Mar 22 j 09:26	0° \mathbb{H}	
superior conj	-1611 Apr 23 j 06:46	18° \mathbb{Y} 02'02	0°20'41	morning set	-1610 Mar 31 j 11:06	17° \mathbb{H} 26'34	
minimum elong	-1611 Apr 23 j 05:52	17° \mathbb{Y} 57'02	0°20'30		-1610 Apr 06 j 09:15	0° \mathbb{Y}	
max. Earth dist.	-1611 Apr 23 j 01:34	17° \mathbb{Y} 33'28	1.32434 AU	max. Earth dist.	-1610 Apr 06 j 13:34	0° \mathbb{Y} 23'26	1.32557 AU
	-1611 Apr 28 j 18:51	0° \mathbb{B}		superior conj	-1610 Apr 07 j 17:49	2° \mathbb{Y} 57'15	-0°04'44
evening rise	-1611 Apr 30 j 05:20	3° \mathbb{B} 02'28		minimum elong	-1610 Apr 07 j 18:02	2° \mathbb{Y} 58'25	0°04'40
	-1611 May 14 j 18:39	0° \mathbb{I}		behind sun begin	-1610 Apr 07 j 13:09	2° \mathbb{Y} 31'51	
evening max el	-1611 May 29 j 03:26	18° \mathbb{I} 25'21	26°16'17	behind sun end	-1610 Apr 07 j 22:54	3° \mathbb{Y} 25'00	
desc. node	-1611 Jun 01 j 01:58	20° \mathbb{I} 59'42		asc. node	-1610 Apr 08 j 04:31	3° \mathbb{Y} 55'42	
retrograde	-1611 Jun 12 j 04:54	25° \mathbb{I} 40'49		evening rise	-1610 Apr 14 j 16:27	17° \mathbb{Y} 59'07	
evening set	-1611 Jun 18 j 12:38	24° \mathbb{I} 01'32			-1610 Apr 20 j 15:18	0° \mathbb{B}	
min. Earth dist.	-1611 Jun 22 j 16:28	21° \mathbb{I} 22'06	0.59402 AU	evening max el	-1610 May 10 j 21:26	29° \mathbb{B} 30'41	24°58'27
inferior conj	-1611 Jun 26 j 01:01	18° \mathbb{I} 46'39	-4°34'47		-1610 May 11 j 09:52	0° \mathbb{I}	
minimum elong	-1611 Jun 26 j 01:15	18° \mathbb{I} 46'10	4°34'46	desc. node	-1610 May 18 j 22:59	5° \mathbb{I} 16'06	
morning rise	-1611 Jul 03 j 16:07	14° \mathbb{I} 14'47		retrograde	-1610 May 24 j 21:37	6° \mathbb{I} 37'22	
direct	-1611 Jul 06 j 04:16	13° \mathbb{I} 52'46		evening set	-1610 May 30 j 01:00	5° \mathbb{I} 36'51	
morning max el	-1611 Jul 13 j 21:37	17° \mathbb{I} 34'59	18°23'57	min. Earth dist.	-1610 Jun 04 j 09:16	2° \mathbb{I} 45'57	0.57448 AU
asc. node	-1611 Jul 18 j 06:43	22° \mathbb{I} 46'32		inferior conj	-1610 Jun 07 j 09:41	0° \mathbb{I} 44'56	-4°18'29
	-1611 Jul 22 j 20:42	0° \mathbb{E}		minimum elong	-1610 Jun 07 j 05:44	0° \mathbb{I} 51'37	4°17'59
morning set	-1611 Jul 29 j 23:40	13° \mathbb{E} 08'55			-1610 Jun 08 j 12:40	30° $\mathbb{R}\mathbb{B}$	
	-1611 Aug 07 j 21:17	0° Ω		morning rise	-1610 Jun 15 j 13:16	26° \mathbb{B} 33'55	
				direct	-1610 Jun 18 j 02:24	26° \mathbb{B} 15'01	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1610 Jun 26 j 13:11	0°♂		morning max el	-1609 Jun 09 j 15:45	12°♂35'15	20°14'30
morning max el	-1610 Jun 26 j 23:37	0°♂23'47	19°08'50		-1609 Jun 21 j 23:20	0°♂	
asc. node	-1610 Jul 05 j 03:47	11°♂08'29		asc. node	-1609 Jun 22 j 00:50	0°♂06'53	
morning set	-1610 Jul 13 j 21:12	27°♂19'32		morning set	-1609 Jun 28 j 01:31	11°♂52'07	
	-1610 Jul 15 j 05:33	0°♂					
superior conj	-1610 Jul 22 j 04:59	13°♂45'09	1°48'05	superior conj	-1609 Jul 05 j 19:14	27°♂40'45	1°43'42
minimum elong	-1610 Jul 22 j 04:56	13°♂44'55	1°48'08	minimum elong	-1609 Jul 05 j 17:38	27°♂32'43	1°43'39
max. Earth dist.	-1610 Jul 28 j 17:03	25°♂57'34	1.38368 AU	max. Earth dist.	-1609 Jul 06 j 22:59	0°♂	
	-1610 Jul 30 j 23:02	0°♂		evening rise	-1609 Jul 10 j 22:15	7°♂46'52	1.36505 AU
evening rise	-1610 Aug 01 j 13:05	2°♂47'24			-1609 Jul 14 j 21:45	15°♂15'13	
desc. node	-1610 Aug 14 j 22:17	24°♂34'36		desc. node	-1609 Jul 23 j 08:42	0°♂	
	-1610 Aug 18 j 13:46	0°♂			-1609 Aug 01 j 19:19	14°♂44'18	
evening max el	-1610 Sep 06 j 06:07	23°♂39'13	24°46'08	evening max el	-1609 Aug 13 j 03:32	0°♂	
	-1610 Sep 15 j 09:22	0°♂		retrograde	-1609 Aug 19 j 17:16	7°♂13'55	25°56'38
retrograde	-1610 Sep 17 j 18:55	0°♂22'19			-1609 Sep 01 j 03:29	14°♂19'43	
	-1610 Sep 20 j 01:26	30°♂♂		evening set	-1609 Sep 07 j 09:07	11°♂41'42	
evening set	-1610 Sep 23 j 09:55	27°♂59'18		min. Earth dist.	-1609 Sep 11 j 15:02	7°♂04'12	0.66607 AU
min. Earth dist.	-1610 Sep 28 j 00:03	22°♂45'01	0.67237 AU	inferior conj	-1609 Sep 12 j 22:09	5°♂26'05	-1°42'03
inferior conj	-1610 Sep 28 j 19:47	21°♂39'31	-0°47'20	minimum elong	-1609 Sep 13 j 00:39	5°♂18'12	1°41'03
minimum elong	-1610 Sep 28 j 20:56	21°♂35'41	0°46'51	asc. node	-1609 Sep 17 j 24:00	0°♂00'23	
asc. node	-1610 Oct 01 j 02:56	18°♂43'06			-1609 Sep 18 j 00:13	30°♂♂	
morning rise	-1610 Oct 04 j 07:59	15°♂36'30		morning rise	-1609 Sep 18 j 16:26	29°♂32'36	
direct	-1610 Oct 07 j 23:16	14°♂20'16		direct	-1609 Sep 21 j 21:35	28°♂33'08	
morning max el	-1610 Oct 15 j 14:43	18°♂44'39	20°03'18	morning max el	-1609 Sep 25 j 23:24	0°♂	
	-1610 Oct 24 j 13:12	0°♂			-1609 Sep 28 j 21:26	2°♂29'45	19°06'08
desc. node	-1610 Nov 10 j 21:40	26°♂03'48		morning set	-1609 Oct 18 j 03:11	0°♂	
morning set	-1610 Nov 11 j 03:35	26°♂26'39		desc. node	-1609 Oct 21 j 11:16	5°♂13'59	
	-1610 Nov 13 j 10:36	0°♂		max. Earth dist.	-1609 Oct 28 j 18:41	16°♂41'52	
max. Earth dist.	-1610 Nov 22 j 10:01	14°♂08'16	1.43864 AU		-1609 Nov 05 j 02:00	28°♂10'46	1.44754 AU
					-1609 Nov 06 j 05:41	0°♂	
superior conj	-1610 Nov 27 j 15:42	22°♂35'33	-1°35'14	superior conj	-1609 Nov 07 j 01:20	1°♂17'37	-0°57'41
minimum elong	-1610 Nov 27 j 08:32	22°♂06'20	1°34'38	minimum elong	-1609 Nov 06 j 18:27	0°♂50'23	0°56'53
	-1610 Dec 02 j 03:34	0°♂		evening rise	-1609 Nov 22 j 02:48	25°♂30'39	
evening rise	-1610 Dec 10 j 18:59	14°♂38'43			-1609 Nov 24 j 20:35	0°♂	
	-1610 Dec 19 j 19:38	0°♂		evening max el	-1609 Dec 12 j 06:40	25°♂52'25	18°37'20
asc. node	-1610 Dec 28 j 02:11	11°♂46'27		asc. node	-1609 Dec 14 j 23:14	28°♂11'21	
evening max el	-1610 Dec 28 j 18:44	12°♂29'57	18°13'35	retrograde	-1609 Dec 18 j 22:31	29°♂35'20	
retrograde	-1609 Jan 04 j 06:57	15°♂59'14		evening set	-1609 Dec 22 j 00:03	28°♂42'35	
evening set	-1609 Jan 07 j 03:33	15°♂16'54		inferior conj	-1609 Dec 27 j 20:33	23°♂05'22	3°29'26
inferior conj	-1609 Jan 13 j 08:02	9°♂57'46	3°50'25	minimum elong	-1609 Dec 27 j 17:55	23°♂13'13	3°28'55
minimum elong	-1609 Jan 13 j 06:31	10°♂01'55	3°50'15	min. Earth dist.	-1609 Dec 29 j 18:22	20°♂48'54	0.64764 AU
min. Earth dist.	-1609 Jan 15 j 21:00	7°♂13'17	0.63160 AU	morning rise	-1608 Jan 02 j 11:22	16°♂59'11	
morning rise	-1609 Jan 19 j 08:44	3°♂59'03		direct	-1608 Jan 09 j 06:20	14°♂07'04	
direct	-1609 Jan 26 j 09:19	1°♂15'03		morning max el	-1608 Jan 22 j 14:37	21°♂50'23	27°10'45
desc. node	-1609 Feb 06 j 20:54	6°♂52'20		desc. node	-1608 Jan 24 j 17:57	24°♂04'15	
morning max el	-1609 Feb 09 j 05:06	9°♂03'43	27°42'24		-1608 Jan 29 j 18:59	0°♂	
	-1609 Feb 25 j 12:12	0°♂			-1608 Feb 18 j 16:10	0°♂	
	-1609 Mar 14 j 14:20	0°♂		morning set	-1608 Feb 27 j 02:20	15°♂30'18	
morning set	-1609 Mar 15 j 11:13	1°♂44'08		max. Earth dist.	-1608 Mar 02 j 18:40	24°♂50'30	1.33971 AU
max. Earth dist.	-1609 Mar 20 j 20:36	12°♂53'04	1.33056 AU		-1608 Mar 05 j 06:31	0°♂	
superior conj	-1609 Mar 23 j 02:20	17°♂40'24	-0°30'50	superior conj	-1608 Mar 06 j 06:28	2°♂05'31	-0°56'36
minimum elong	-1609 Mar 23 j 03:47	17°♂48'08	0°30'32	minimum elong	-1608 Mar 06 j 09:03	2°♂19'06	0°56'08
asc. node	-1609 Mar 26 j 01:32	24°♂04'51		asc. node	-1608 Mar 11 j 22:35	14°♂06'42	
	-1609 Mar 28 j 19:35	0°♂		evening rise	-1608 Mar 13 j 14:48	17°♂38'03	
evening rise	-1609 Mar 30 j 04:11	2°♂53'00			-1608 Mar 19 j 19:34	0°♂	
	-1609 Apr 14 j 02:46	0°♂		evening max el	-1608 Apr 03 j 07:14	20°♂53'00	21°52'11
evening max el	-1609 Apr 22 j 12:25	10°♂09'57	23°25'31	retrograde	-1608 Apr 15 j 19:26	26°♂58'34	
desc. node	-1609 May 05 j 20:02	16°♂55'34		evening set	-1608 Apr 18 j 10:34	26°♂43'05	
retrograde	-1609 May 06 j 02:01	16°♂55'42		desc. node	-1608 Apr 21 j 17:06	25°♂44'30	
evening set	-1609 May 09 j 19:34	16°♂25'06		inferior conj	-1608 Apr 27 j 20:13	22°♂38'27	-1°42'30
min. Earth dist.	-1609 May 16 j 22:49	13°♂09'30	0.55908 AU	minimum elong	-1608 Apr 27 j 15:34	22°♂45'00	1°40'56
inferior conj	-1609 May 18 j 22:19	11°♂59'04	-3°21'09	min. Earth dist.	-1608 Apr 27 j 12:10	22°♂49'47	0.55114 AU
minimum elong	-1609 May 18 j 15:37	12°♂09'03	3°19'28	morning rise	-1608 May 06 j 21:41	18°♂40'55	
morning rise	-1609 May 27 j 14:27	8°♂02'22		direct	-1608 May 09 j 18:23	18°♂22'44	
direct	-1609 May 30 j 05:21	7°♂45'27		morning max el	-1608 May 21 j 20:58	24°♂04'51	21°38'54

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1608 May 27 j 03:55	0°♄		transit end	-1607 Apr 07 j 17:13	3°♃05'33	
asc. node	-1608 Jun 07 j 21:53	19°♄32'46		desc. node	-1607 Apr 08 j 14:08	2°♃35'03	
morning set	-1608 Jun 11 j 10:15	26°♄39'56		min. Earth dist.	-1607 Apr 09 j 02:13	2°♃17'31	0.55257 AU
	-1608 Jun 13 j 00:39	0°♄			-1607 Apr 13 j 11:09	30°♄	
				morning rise	-1607 Apr 16 j 17:42	28°♄50'48	
superior conj	-1608 Jun 18 j 18:41	12°♄05'24	1°32'47	direct	-1607 Apr 20 j 06:39	28°♄23'31	
minimum elong	-1608 Jun 18 j 16:18	11°♄52'54	1°32'33		-1607 Apr 26 j 20:03	0°♃	
max. Earth dist.	-1608 Jun 22 j 11:14	19°♄40'23	1.34949 AU	morning max el	-1607 May 03 j 16:44	4°♃56'51	23°16'16
evening rise	-1608 Jun 26 j 23:59	28°♄36'13			-1607 May 21 j 02:22	0°♄	
	-1608 Jun 27 j 17:33	0°♄		asc. node	-1607 May 25 j 18:58	9°♄19'02	
	-1608 Jul 15 j 13:12	0°♄		morning set	-1607 May 26 j 21:34	11°♄37'31	
desc. node	-1608 Jul 18 j 16:22	4°♄29'41					
evening max el	-1608 Aug 01 j 04:49	20°♄44'50	26°50'48	superior conj	-1607 Jun 03 j 00:23	26°♄49'58	1°16'54
retrograde	-1608 Aug 14 j 07:04	28°♄02'55		minimum elong	-1607 Jun 02 j 21:50	26°♄36'17	1°16'32
evening set	-1608 Aug 21 j 01:20	25°♄16'38			-1607 Jun 04 j 12:05	0°♄	
min. Earth dist.	-1608 Aug 24 j 23:47	21°♄16'44	0.65621 AU	max. Earth dist.	-1607 Jun 05 j 10:08	1°♄56'31	1.33771 AU
inferior conj	-1608 Aug 26 j 19:23	19°♄08'42	-2°34'59	evening rise	-1607 Jun 10 j 15:07	12°♄37'13	
minimum elong	-1608 Aug 26 j 23:03	18°♄57'57	2°33'41		-1607 Jun 19 j 23:15	0°♄	
morning rise	-1608 Sep 01 j 21:16	13°♄27'45		desc. node	-1607 Jul 05 j 13:24	23°♄40'33	
asc. node	-1608 Sep 03 j 21:04	12°♄45'58			-1607 Jul 10 j 18:49	0°♄	
direct	-1608 Sep 04 j 18:37	12°♄41'29		evening max el	-1607 Jul 14 j 16:13	4°♄02'53	27°21'06
morning max el	-1608 Sep 11 j 09:30	16°♄19'25	18°24'53	retrograde	-1607 Jul 28 j 05:03	11°♄24'10	
	-1608 Sep 21 j 09:22	0°♄		evening set	-1607 Aug 04 j 07:43	8°♄39'52	
morning set	-1608 Sep 30 j 21:09	15°♄19'59		min. Earth dist.	-1607 Aug 08 j 00:10	5°♄15'32	0.64271 AU
	-1608 Oct 09 j 23:29	0°♄		inferior conj	-1607 Aug 10 j 09:07	2°♄43'06	-3°23'30
desc. node	-1608 Oct 14 j 15:43	7°♄25'37		minimum elong	-1607 Aug 10 j 13:27	2°♄31'29	3°22'16
					-1607 Aug 13 j 01:06	30°♄	
superior conj	-1608 Oct 16 j 01:24	9°♄38'38	-0°09'06	morning rise	-1607 Aug 16 j 19:59	27°♄17'49	
minimum elong	-1608 Oct 16 j 00:12	9°♄33'55	0°08'56	direct	-1607 Aug 19 j 12:03	26°♄41'18	
behind sun begin	-1608 Oct 15 j 14:42	8°♄56'25		asc. node	-1607 Aug 21 j 18:08	27°♄07'28	
behind sun end	-1608 Oct 16 j 09:42	10°♄11'24			-1607 Aug 25 j 20:57	0°♄	
max. Earth dist.	-1608 Oct 17 j 20:12	12°♄27'16	1.44925 AU	morning max el	-1607 Aug 26 j 00:28	0°♄08'45	18°00'41
	-1608 Oct 29 j 00:25	0°♄		morning set	-1607 Sep 12 j 10:35	26°♄46'02	
evening rise	-1608 Nov 01 j 10:22	5°♄21'48			-1607 Sep 14 j 08:14	0°♄	
greatest brilliancy	-1608 Nov 11 j 18:02	21°♄31'29	-0.8m				
	-1608 Nov 17 j 09:10	0°♄		superior conj	-1607 Sep 25 j 14:08	18°♄40'33	0°38'08
evening max el	-1608 Nov 24 j 15:46	9°♄18'35	19°18'17	minimum elong	-1607 Sep 25 j 18:15	18°♄57'16	0°37'35
asc. node	-1608 Nov 30 j 20:17	13°♄19'16		max. Earth dist.	-1607 Sep 30 j 13:48	26°♄40'47	1.44372 AU
retrograde	-1608 Dec 01 j 18:21	13°♄24'02		desc. node	-1607 Oct 01 j 12:46	28°♄11'57	
evening set	-1608 Dec 05 j 02:28	12°♄19'05			-1607 Oct 02 j 16:05	0°♄	
inferior conj	-1608 Dec 10 j 17:13	6°♄26'36	2°56'51	evening rise	-1607 Oct 11 j 22:01	14°♄25'11	
minimum elong	-1608 Dec 10 j 14:17	6°♄36'02	2°56'01		-1607 Oct 22 j 03:02	0°♄	
min. Earth dist.	-1608 Dec 12 j 00:42	4°♄45'50	0.66002 AU	evening max el	-1607 Nov 07 j 20:13	22°♄46'20	20°14'34
morning rise	-1608 Dec 16 j 01:49	0°♄15'37		retrograde	-1607 Nov 15 j 15:45	27°♄21'51	
	-1608 Dec 16 j 09:00	30°♄		asc. node	-1607 Nov 17 j 17:20	26°♄57'19	
direct	-1608 Dec 22 j 09:39	27°♄28'50		evening set	-1607 Nov 19 j 08:30	26°♄02'26	
	-1608 Dec 29 j 05:50	0°♄		inferior conj	-1607 Nov 24 j 19:25	19°♄57'44	2°15'58
morning max el	-1607 Jan 04 j 00:06	4°♄54'38	26°11'18	minimum elong	-1607 Nov 24 j 16:45	20°♄06'39	2°15'02
desc. node	-1607 Jan 10 j 15:00	12°♄23'20		min. Earth dist.	-1607 Nov 25 j 14:01	18°♄55'13	0.66867 AU
	-1607 Jan 23 j 07:09	0°♄		morning rise	-1607 Nov 30 j 00:48	13°♄44'13	
morning set	-1607 Feb 09 j 04:26	28°♄32'37		direct	-1607 Dec 05 j 18:23	11°♄12'39	
	-1607 Feb 09 j 23:07	0°♄		morning max el	-1607 Dec 17 j 08:34	18°♄06'40	24°53'18
max. Earth dist.	-1607 Feb 13 j 04:49	6°♄11'53	1.35337 AU		-1607 Dec 27 j 09:04	0°♄	
				desc. node	-1607 Dec 28 j 12:03	1°♄30'09	
superior conj	-1607 Feb 18 j 03:49	16°♄05'21	-1°20'38		-1606 Jan 16 j 08:25	0°♄	
minimum elong	-1607 Feb 18 j 07:12	16°♄22'39	1°20'09	morning set	-1606 Jan 22 j 12:12	10°♄35'48	
	-1607 Feb 24 j 21:31	0°♄		max. Earth dist.	-1606 Jan 26 j 04:22	17°♄14'37	1.37133 AU
evening rise	-1607 Feb 25 j 22:23	2°♄07'57					
asc. node	-1607 Feb 26 j 19:39	3°♄56'39		superior conj	-1606 Feb 01 j 15:19	29°♄31'14	-1°40'59
	-1607 Mar 14 j 11:43	0°♃		minimum elong	-1606 Feb 01 j 18:48	29°♄48'17	1°40'40
evening max el	-1607 Mar 16 j 11:30	2°♃04'23	20°29'53		-1606 Feb 01 j 21:12	0°♄	
retrograde	-1607 Mar 27 j 08:58	7°♃17'11		evening rise	-1606 Feb 10 j 00:45	16°♄16'16	
evening set	-1607 Mar 29 j 13:45	7°♃05'19		asc. node	-1606 Feb 13 j 16:41	23°♄29'09	
inferior conj	-1607 Apr 07 j 15:42	3°♃07'45	0°15'50		-1606 Feb 17 j 05:00	0°♄	
minimum elong	-1607 Apr 07 j 16:26	3°♃06'42	0°15'34	evening max el	-1606 Feb 27 j 02:42	13°♄52'24	19°24'42
transit middle	-1607 Apr 07 j 16:26	3°♃06'42	0°15'34	retrograde	-1606 Mar 08 j 07:32	18°♄16'23	
transit begin	-1607 Apr 07 j 15:38	3°♃07'50		evening set	-1606 Mar 10 j 13:26	18°♄01'50	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

inferior conj	-1606 Mar 18 j 22:33	13° H 54'54	2°00'42	evening set	-1605 Feb 20 j 10:20	29° \approx 44'08	
minimum elong	-1606 Mar 19 j 02:52	13° H 47'50	1°59'25	inferior conj	-1605 Feb 28 j 01:06	25° \approx 18'40	3°11'44
min. Earth dist.	-1606 Mar 21 j 16:56	12° H 06'53	0.56311 AU	minimum elong	-1605 Feb 28 j 05:13	25° \approx 10'48	3°10'53
desc. node	-1606 Mar 26 j 11:11	9° H 32'32		min. Earth dist.	-1605 Mar 03 j 09:55	22° \approx 45'44	0.58030 AU
morning rise	-1606 Mar 27 j 13:35	9° H 07'22		morning rise	-1605 Mar 07 j 21:29	20° \approx 01'11	
direct	-1606 Apr 01 j 04:54	8° H 18'22		desc. node	-1605 Mar 13 j 08:14	18° \approx 38'13	
morning max el	-1606 Apr 15 j 07:34	15° H 28'41	24°55'40	direct	-1605 Mar 13 j 16:16	18° \approx 37'56	
	-1606 Apr 26 j 21:49	0° Y		morning max el	-1605 Mar 27 j 23:55	26° \approx 09'52	26°21'59
morning set	-1606 May 11 j 09:39	26° Y 37'53			-1605 Mar 31 j 14:50	0° H	
asc. node	-1606 May 12 j 16:01	29° Y 18'43			-1605 Apr 20 j 02:23	0° Y	
	-1606 May 12 j 23:45	0° B		morning set	-1605 Apr 25 j 20:52	11° Y 35'18	
				asc. node	-1605 Apr 29 j 13:04	19° Y 26'50	
superior conj	-1606 May 18 j 09:53	11° B 45'25	0°57'12	superior conj	-1605 May 02 j 21:18	26° Y 45'21	0°34'38
minimum elong	-1606 May 18 j 07:41	11° B 33'24	0°56'49	minimum elong	-1605 May 02 j 19:50	26° Y 37'17	0°34'21
max. Earth dist.	-1606 May 19 j 17:16	14° B 35'36	1.32970 AU	max. Earth dist.	-1605 May 03 j 05:14	27° Y 28'48	1.32530 AU
evening rise	-1606 May 25 j 15:12	27° B 04'57			-1605 May 04 j 08:52	0° B	
	-1606 May 27 j 01:47	0° II		evening rise	-1605 May 09 j 21:19	11° B 49'49	
	-1606 Jun 13 j 07:31	0° E			-1605 May 19 j 06:26	0° II	
desc. node	-1606 Jun 22 j 10:26	12° E 01'20		evening max el	-1605 Jun 09 j 05:07	29° II 05'33	26°49'12
evening max el	-1606 Jun 27 j 01:15	16° E 54'01	27°21'37	desc. node	-1605 Jun 09 j 07:26	29° II 11'03	
retrograde	-1606 Jul 10 j 20:30	24° E 13'44			-1605 Jun 10 j 04:35	0° E	
evening set	-1606 Jul 18 j 00:37	21° E 44'22		retrograde	-1605 Jun 23 j 04:36	6° E 22'59	
min. Earth dist.	-1606 Jul 21 j 14:31	18° E 48'49	0.62568 AU	evening set	-1605 Jun 29 j 23:41	4° E 22'03	
inferior conj	-1606 Jul 24 j 12:25	16° E 01'53	-4°03'45	min. Earth dist.	-1605 Jul 03 j 18:38	1° E 42'04	0.60592 AU
minimum elong	-1606 Jul 24 j 16:27	15° E 52'14	4°02'59		-1605 Jul 05 j 19:50	30° R II	
morning rise	-1606 Jul 31 j 09:29	10° E 55'37		inferior conj	-1605 Jul 07 j 01:50	28° II 56'26	-4°29'45
direct	-1606 Aug 02 j 22:38	10° E 26'07		minimum elong	-1605 Jul 07 j 04:00	28° II 51'54	4°29'34
asc. node	-1606 Aug 08 j 15:13	12° E 55'17		morning rise	-1605 Jul 14 j 10:08	24° II 11'58	
morning max el	-1606 Aug 09 j 15:34	13° E 51'14	17°54'35	direct	-1605 Jul 16 j 22:20	23° II 47'34	
	-1606 Aug 20 j 16:53	0° O		morning max el	-1605 Jul 24 j 03:56	27° II 19'55	18°07'33
morning set	-1606 Aug 25 j 22:19	9° O 15'59		asc. node	-1605 Jul 26 j 12:17	29° II 54'30	
					-1605 Jul 26 j 14:04	0° E	
superior conj	-1606 Sep 06 j 04:52	28° O 59'49	1°14'20	morning set	-1605 Aug 09 j 02:37	22° E 33'59	
minimum elong	-1606 Sep 06 j 10:07	29° O 22'06	1°13'46		-1605 Aug 13 j 02:15	0° O	
	-1606 Sep 06 j 19:04	0° M		superior conj	-1605 Aug 18 j 22:22	10° O 38'52	1°36'48
max. Earth dist.	-1606 Sep 13 j 04:11	10° M 34'21	1.43164 AU	minimum elong	-1605 Aug 19 j 01:54	10° O 54'42	1°36'34
desc. node	-1606 Sep 18 j 09:47	18° M 57'24		max. Earth dist.	-1605 Aug 26 j 13:01	23° O 50'58	1.41462 AU
evening rise	-1606 Sep 21 j 04:12	23° M 17'53			-1605 Aug 30 j 06:02	0° M	
	-1606 Sep 25 j 12:28	0° A		evening rise	-1605 Aug 31 j 23:27	2° M 48'07	
	-1606 Oct 16 j 09:56	0° M		desc. node	-1605 Sep 05 j 06:47	9° M 38'33	
evening max el	-1606 Oct 21 j 18:47	6° M 14'09	21°23'27		-1605 Sep 18 j 22:04	0° A	
retrograde	-1606 Oct 30 j 12:41	11° M 25'42		evening max el	-1605 Oct 04 j 11:34	19° A 41'46	22°40'51
evening set	-1606 Nov 03 j 16:12	9° M 49'37		retrograde	-1605 Oct 14 j 07:31	25° A 32'13	
asc. node	-1606 Nov 04 j 14:22	9° M 01'45		evening set	-1605 Oct 18 j 23:44	23° A 37'51	
inferior conj	-1606 Nov 09 j 00:52	3° M 35'55	1°29'07	asc. node	-1605 Oct 22 j 11:25	19° A 48'53	
minimum elong	-1606 Nov 08 j 22:57	3° M 42'33	1°28'19	inferior conj	-1605 Oct 24 j 07:42	17° A 18'41	0°37'59
min. Earth dist.	-1606 Nov 09 j 08:01	3° M 11'21	0.67376 AU	minimum elong	-1605 Oct 24 j 06:49	17° A 21'43	0°37'35
	-1606 Nov 11 j 17:56	30° R A		min. Earth dist.	-1605 Oct 24 j 04:18	17° A 30'26	0.67564 AU
morning rise	-1606 Nov 14 j 05:33	27° A 22'06		morning rise	-1605 Oct 29 j 13:49	11° A 06'52	
direct	-1606 Nov 19 j 07:49	25° A 11'19		direct	-1605 Nov 03 j 01:11	9° A 18'27	
	-1606 Nov 28 j 07:17	0° M		morning max el	-1605 Nov 12 j 06:12	14° A 45'07	22°00'52
morning max el	-1606 Nov 29 j 17:34	1° M 23'13	23°26'50		-1605 Nov 24 j 11:14	0° M	
desc. node	-1606 Dec 15 j 09:06	21° M 10'52		desc. node	-1605 Dec 02 j 06:06	11° M 15'03	
	-1606 Dec 21 j 09:13	0° X			-1605 Dec 14 j 09:51	0° X	
morning set	-1605 Jan 03 j 19:26	21° X 23'48		morning set	-1605 Dec 14 j 21:35	0° X 47'02	
max. Earth dist.	-1605 Jan 07 j 23:56	28° X 34'57	1.39200 AU	max. Earth dist.	-1605 Dec 20 j 22:32	10° X 40'23	1.41270 AU
	-1605 Jan 08 j 19:19	0° B					
superior conj	-1605 Jan 15 j 12:58	12° B 12'36	-1°54'59	superior conj	-1605 Dec 28 j 15:30	23° X 55'12	-1°59'05
minimum elong	-1605 Jan 15 j 15:16	12° B 23'19	1°54'55	minimum elong	-1605 Dec 28 j 14:49	23° X 52'09	1°59'06
evening rise	-1605 Jan 24 j 19:19	29° B 56'31			-1604 Jan 01 j 01:06	0° B	
	-1605 Jan 24 j 20:02	0° \approx		evening rise	-1604 Jan 08 j 02:42	12° B 59'51	
asc. node	-1605 Jan 31 j 13:43	12° \approx 38'16			-1604 Jan 17 j 15:41	0° \approx	
evening max el	-1605 Feb 10 j 03:27	26° \approx 15'05	18°39'10	asc. node	-1604 Jan 18 j 10:44	1° \approx 15'38	
	-1605 Feb 16 j 21:15	0° H		evening max el	-1604 Jan 24 j 11:01	9° \approx 04'08	18°13'49
retrograde	-1605 Feb 18 j 00:11	0° H 04'35		retrograde	-1604 Jan 31 j 11:04	12° \approx 35'05	
	-1605 Feb 19 j 03:27	30° R \approx					

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening set	-1604 Feb 03 j 01:19	12°07'01		minimum elong	-1604 Dec 08 j 12:29	4°05'57	1°48'40
inferior conj	-1604 Feb 10 j 00:13	7°20'31	3°47'33	evening rise	-1604 Dec 20 j 19:03	25°18'26	
minimum elong	-1604 Feb 10 j 02:05	7°16'24	3°47'21		-1604 Dec 23 j 10:41	0°00	
min. Earth dist.	-1604 Feb 13 j 08:08	4°24'27	0.60064 AU	asc. node	-1603 Jan 04 j 07:45	19°11'36	
morning rise	-1604 Feb 17 j 00:56	1°41'11		evening max el	-1603 Jan 06 j 22:31	22°11'53	18°08'12
	-1604 Feb 20 j 22:23	30°08'00		retrograde	-1603 Jan 13 j 12:25	25°38'09	
direct	-1604 Feb 23 j 15:48	29°39'22		evening set	-1603 Jan 16 j 06:35	25°01'23	
	-1604 Feb 26 j 10:42	0°00		inferior conj	-1603 Jan 22 j 16:56	19°54'02	3°55'23
desc. node	-1604 Feb 28 j 05:17	0°33'28		minimum elong	-1603 Jan 22 j 16:25	19°55'18	3°55'20
morning max el	-1604 Mar 08 j 21:50	7°23'17	27°21'11	min. Earth dist.	-1603 Jan 25 j 14:17	16°59'10	0.62095 AU
	-1604 Mar 25 j 23:57	0°00		morning rise	-1603 Jan 29 j 01:09	14°00'53	
morning set	-1604 Apr 09 j 05:26	26°23'18		direct	-1603 Feb 05 j 01:19	11°27'56	
	-1604 Apr 10 j 22:47	0°00		desc. node	-1603 Feb 14 j 02:19	14°59'56	
asc. node	-1604 Apr 15 j 10:06	9°38'45		morning max el	-1603 Feb 19 j 01:46	19°17'06	27°45'05
					-1603 Feb 28 j 05:07	0°00	
superior conj	-1604 Apr 16 j 08:56	11°43'40	0°10'03		-1603 Mar 18 j 19:41	0°00	
minimum elong	-1604 Apr 16 j 08:29	11°41'11	0°09'58	morning set	-1603 Mar 24 j 09:20	10°54'34	
behind sun begin	-1604 Apr 16 j 04:33	11°19'42		max. Earth dist.	-1603 Mar 30 j 04:25	23°05'06	1.32715 AU
behind sun end	-1604 Apr 16 j 12:24	12°02'40					
max. Earth dist.	-1604 Apr 15 j 18:14	10°23'11	1.32439 AU	superior conj	-1603 Mar 31 j 19:07	26°34'29	-0°15'47
evening rise	-1604 Apr 23 j 07:09	26°43'43		minimum elong	-1603 Mar 31 j 19:51	26°38'27	0°15'37
	-1604 Apr 24 j 20:48	0°00		behind sun begin	-1603 Mar 31 j 19:00	26°33'48	
	-1604 May 12 j 03:18	0°00		behind sun end	-1603 Mar 31 j 20:43	26°43'06	
evening max el	-1604 May 21 j 02:18	10°32'35	25°45'50	asc. node	-1603 Apr 02 j 07:08	29°50'17	
desc. node	-1604 May 26 j 04:27	14°40'50			-1603 Apr 02 j 08:55	0°00	
retrograde	-1604 Jun 04 j 03:59	17°46'05		evening rise	-1603 Apr 07 j 18:44	11°39'39	
evening set	-1604 Jun 10 j 01:03	16°23'16			-1603 Apr 17 j 04:17	0°00	
min. Earth dist.	-1604 Jun 14 j 14:37	13°41'02	0.58535 AU	evening max el	-1603 May 02 j 18:19	21°23'40	24°19'57
inferior conj	-1604 Jun 17 j 21:48	11°17'28	-4°32'19	desc. node	-1603 May 13 j 01:30	27°54'15	
minimum elong	-1604 Jun 17 j 20:19	11°20'11	4°32'13	retrograde	-1603 May 16 j 16:04	28°24'05	
morning rise	-1604 Jun 25 j 18:11	6°55'19		evening set	-1603 May 21 j 04:40	27°38'13	
direct	-1604 Jun 28 j 06:37	6°34'49		min. Earth dist.	-1603 May 27 j 05:56	24°37'56	0.56709 AU
morning max el	-1604 Jul 06 j 10:38	10°26'27	18°40'37	inferior conj	-1603 May 29 j 21:46	22°56'53	-3°59'40
asc. node	-1604 Jul 12 j 09:21	17°50'11		minimum elong	-1603 May 29 j 16:13	23°05'43	3°58'39
	-1604 Jul 19 j 10:01	0°00		morning rise	-1603 Jun 07 j 06:46	18°53'08	
morning set	-1604 Jul 22 j 18:56	6°28'14		direct	-1603 Jun 09 j 20:13	18°35'26	
				morning max el	-1603 Jun 19 j 08:44	23°00'32	19°34'22
superior conj	-1604 Jul 31 j 13:36	23°23'40	1°46'55		-1603 Jun 25 j 04:59	0°00	
minimum elong	-1604 Jul 31 j 14:45	23°29'07	1°46'55	asc. node	-1603 Jun 29 j 06:24	6°28'50	
	-1604 Aug 04 j 03:09	0°00		morning set	-1603 Jul 06 j 19:39	20°48'47	
max. Earth dist.	-1604 Aug 07 j 16:32	6°22'44	1.39498 AU		-1603 Jul 11 j 09:06	0°00	
evening rise	-1604 Aug 11 j 18:54	13°27'31					
desc. node	-1604 Aug 22 j 03:47	0°11'51		superior conj	-1603 Jul 14 j 20:48	6°57'06	1°47'09
	-1604 Aug 22 j 00:43	0°00		minimum elong	-1603 Jul 14 j 20:00	6°53'11	1°47'09
	-1604 Sep 12 j 23:55	0°00		max. Earth dist.	-1603 Jul 20 j 19:12	18°19'48	1.37539 AU
evening max el	-1604 Sep 16 j 00:21	3°12'14	24°01'14	evening rise	-1603 Jul 24 j 15:11	25°18'48	
retrograde	-1604 Sep 26 j 23:07	9°38'51			-1603 Jul 27 j 07:12	0°00	
evening set	-1604 Oct 02 j 05:29	7°25'59		desc. node	-1603 Aug 09 j 00:50	20°31'48	
min. Earth dist.	-1604 Oct 07 j 00:32	1°51'28	0.67444 AU		-1603 Aug 15 j 14:40	0°00	
inferior conj	-1604 Oct 07 j 14:12	1°05'07	-0°15'46	evening max el	-1603 Aug 29 j 11:37	16°46'16	25°17'41
minimum elong	-1604 Oct 07 j 14:35	1°03'50	0°15'37	retrograde	-1603 Sep 10 j 10:26	23°40'44	
transit middle	-1604 Oct 07 j 14:35	1°03'50	0°15'37	evening set	-1603 Sep 16 j 07:37	21°11'01	
transit begin	-1604 Oct 07 j 13:48	1°06'30		min. Earth dist.	-1603 Sep 20 j 18:14	16°11'52	0.67007 AU
transit end	-1604 Oct 07 j 15:22	1°01'10		inferior conj	-1603 Sep 21 j 18:37	14°52'25	-1°10'37
asc. node	-1604 Oct 08 j 08:28	0°03'28		minimum elong	-1603 Sep 21 j 20:21	14°46'46	1°09'53
	-1604 Oct 08 j 09:31	30°08'00		asc. node	-1603 Sep 25 j 05:33	10°42'58	
morning rise	-1604 Oct 12 j 23:40	24°57'54		morning rise	-1603 Sep 27 j 09:11	8°52'47	
direct	-1604 Oct 16 j 21:40	23°30'43		direct	-1603 Sep 30 j 19:51	7°44'04	
morning max el	-1604 Oct 25 j 01:19	28°15'57	20°42'42	morning max el	-1603 Oct 08 j 03:55	11°55'50	19°37'03
	-1604 Oct 26 j 16:14	0°00			-1603 Oct 21 j 14:30	0°00	
	-1604 Nov 17 j 01:51	0°00		morning set	-1603 Nov 01 j 22:31	17°23'25	
desc. node	-1604 Nov 18 j 03:08	1°36'27		desc. node	-1603 Nov 05 j 00:11	22°09'38	
morning set	-1604 Nov 22 j 23:50	9°06'20			-1603 Nov 10 j 00:32	0°00	
max. Earth dist.	-1604 Dec 02 j 04:04	23°39'03	1.43060 AU	max. Earth dist.	-1603 Nov 14 j 16:46	7°22'42	1.44330 AU
	-1604 Dec 06 j 01:18	0°00					
superior conj	-1604 Dec 08 j 17:34	4°27'10	-1°48'57	superior conj	-1603 Nov 18 j 16:34	13°44'53	-1°21'17
				minimum elong	-1603 Nov 18 j 08:45	13°13'32	1°20'30

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1603 Nov 28 j 15:19	0°♊		superior conj	-1602 Oct 28 j 19:31	22°♊10'28	-0°37'45
evening rise	-1603 Dec 02 j 15:53	6°♊43'56		minimum elong	-1602 Oct 28 j 14:37	21°♊51'12	0°37'07
	-1603 Dec 16 j 23:58	0°♊		max. Earth dist.	-1602 Oct 28 j 10:25	21°♊34'39	1.44922 AU
evening max el	-1603 Dec 21 j 11:07	5°♊31'15	18°21'33		-1602 Nov 02 j 18:38	0°♊	
asc. node	-1603 Dec 22 j 04:46	6°♊14'10		evening rise	-1602 Nov 13 j 13:24	17°♊09'53	
retrograde	-1603 Dec 27 j 23:52	9°♊04'48			-1602 Nov 21 j 13:21	0°♊	
evening set	-1603 Dec 30 j 22:28	8°♊18'12		evening max el	-1602 Dec 04 j 22:12	18°♊56'14	18°52'45
inferior conj	-1602 Jan 05 j 23:16	2°♊51'20	3°43'08	asc. node	-1602 Dec 09 j 01:50	22°♊08'38	
minimum elong	-1602 Jan 05 j 21:10	2°♊57'17	3°42'50	retrograde	-1602 Dec 11 j 17:36	22°♊47'19	
min. Earth dist.	-1602 Jan 08 j 05:54	0°♊17'17	0.63892 AU	evening set	-1602 Dec 14 j 21:49	21°♊49'26	
	-1602 Jan 08 j 12:14	30°♊		inferior conj	-1602 Dec 20 j 15:37	16°♊05'20	3°16'47
morning rise	-1602 Jan 11 j 19:18	26°♊49'17		minimum elong	-1602 Dec 20 j 12:46	16°♊14'07	3°16'07
direct	-1602 Jan 18 j 18:34	23°♊59'44		min. Earth dist.	-1602 Dec 22 j 07:07	14°♊03'45	0.65342 AU
	-1602 Jan 30 j 12:44	0°♊		morning rise	-1602 Dec 26 j 03:24	9°♊57'06	
desc. node	-1602 Jan 31 j 23:23	1°♊21'28		direct	-1601 Jan 01 j 18:14	7°♊05'59	
morning max el	-1602 Feb 01 j 09:49	1°♊47'08	27°32'43	morning max el	-1601 Jan 14 j 19:27	14°♊42'32	26°48'22
	-1602 Feb 22 j 09:25	0°♊		desc. node	-1601 Jan 18 j 20:26	19°♊04'55	
morning set	-1602 Mar 08 j 06:04	25°♊00'40			-1601 Jan 27 j 08:37	0°♊	
	-1602 Mar 10 j 17:38	0°♊			-1601 Feb 15 j 02:26	0°♊	
max. Earth dist.	-1602 Mar 13 j 07:57	5°♊21'59	1.33390 AU	morning set	-1601 Feb 19 j 16:11	8°♊29'47	
				max. Earth dist.	-1601 Feb 24 j 01:18	17°♊04'37	1.34503 AU
superior conj	-1602 Mar 16 j 02:06	11°♊11'43	-0°41'52				
minimum elong	-1602 Mar 16 j 04:03	11°♊22'06	0°41'29	superior conj	-1601 Feb 28 j 03:40	25°♊27'16	-1°07'06
asc. node	-1602 Mar 20 j 04:10	19°♊57'26		minimum elong	-1601 Feb 28 j 06:39	25°♊42'47	1°06'36
evening rise	-1602 Mar 23 j 06:16	26°♊31'18			-1601 Mar 02 j 07:53	0°♊	
	-1602 Mar 24 j 22:23	0°♊		asc. node	-1601 Mar 07 j 01:12	9°♊54'57	
	-1602 Apr 12 j 10:38	0°♊		evening rise	-1601 Mar 07 j 15:51	11°♊11'05	
evening max el	-1602 Apr 14 j 10:21	2°♊02'21	22°45'10		-1601 Mar 17 j 13:26	0°♊	
retrograde	-1602 Apr 27 j 15:01	8°♊32'35		evening max el	-1601 Mar 27 j 08:41	12°♊55'08	21°15'15
desc. node	-1602 Apr 29 j 22:31	8°♊20'47		retrograde	-1601 Apr 08 j 05:02	18°♊38'35	
evening set	-1602 Apr 30 j 19:37	8°♊10'18		evening set	-1601 Apr 10 j 14:11	18°♊25'31	
min. Earth dist.	-1602 May 08 j 19:24	4°♊40'38	0.55464 AU	desc. node	-1601 Apr 16 j 19:35	16°♊07'53	
inferior conj	-1602 May 10 j 03:10	3°♊55'04	-2°43'39	inferior conj	-1601 Apr 19 j 22:10	14°♊26'00	-0°52'43
minimum elong	-1602 May 09 j 20:40	4°♊04'25	2°41'44	minimum elong	-1601 Apr 19 j 19:41	14°♊29'31	0°51'50
morning rise	-1602 May 18 j 23:52	29°♊59'52		min. Earth dist.	-1601 Apr 20 j 08:37	14°♊11'19	0.55064 AU
	-1602 May 18 j 23:37	30°♊		morning rise	-1601 Apr 29 j 01:18	10°♊22'46	
direct	-1602 May 21 j 16:32	29°♊42'53		direct	-1601 May 02 j 03:41	10°♊01'53	
	-1602 May 24 j 07:49	0°♊		morning max el	-1601 May 14 j 20:53	16°♊06'01	22°19'16
morning max el	-1602 Jun 01 j 20:11	4°♊54'26	20°48'18		-1601 May 25 j 16:33	0°♊	
asc. node	-1602 Jun 16 j 03:29	25°♊40'19		asc. node	-1601 Jun 03 j 00:33	15°♊15'37	
	-1602 Jun 18 j 09:01	0°♊		morning set	-1601 Jun 05 j 12:12	20°♊21'26	
morning set	-1602 Jun 21 j 02:08	5°♊28'48			-1601 Jun 10 j 01:41	0°♊	
superior conj	-1602 Jun 28 j 15:23	21°♊06'10	1°39'46	superior conj	-1601 Jun 12 j 17:48	5°♊39'57	1°26'33
minimum elong	-1602 Jun 28 j 13:22	20°♊55'50	1°39'38	minimum elong	-1601 Jun 12 j 15:16	5°♊26'34	1°26'16
max. Earth dist.	-1602 Jul 03 j 03:24	0°♊08'41	1.35803 AU	max. Earth dist.	-1601 Jun 15 j 20:53	12°♊11'38	1.34403 AU
	-1602 Jul 03 j 01:38	0°♊		evening rise	-1601 Jun 20 j 16:12	21°♊50'18	
evening rise	-1602 Jul 07 j 08:00	8°♊11'14			-1601 Jun 24 j 23:36	0°♊	
	-1602 Jul 19 j 23:00	0°♊		desc. node	-1601 Jul 13 j 18:53	0°♊03'56	
desc. node	-1602 Jul 26 j 21:51	10°♊32'00			-1601 Jul 13 j 17:43	0°♊	
	-1602 Aug 11 j 14:35	0°♊		evening max el	-1601 Jul 25 j 10:52	13°♊47'44	27°07'01
evening max el	-1602 Aug 11 j 23:10	0°♊20'57	26°22'12	retrograde	-1601 Aug 07 j 17:50	21°♊07'21	
retrograde	-1602 Aug 24 j 16:49	7°♊32'30		evening set	-1601 Aug 14 j 16:31	18°♊20'22	
evening set	-1602 Aug 31 j 04:07	4°♊50'17		min. Earth dist.	-1601 Aug 18 j 12:11	14°♊36'20	0.65093 AU
min. Earth dist.	-1602 Sep 04 j 06:54	0°♊28'36	0.66233 AU	inferior conj	-1601 Aug 20 j 13:25	12°♊17'09	-2°56'18
	-1602 Sep 04 j 16:18	30°♊		minimum elong	-1601 Aug 20 j 17:27	12°♊05'44	2°54'59
inferior conj	-1602 Sep 05 j 19:04	28°♊37'40	-2°04'52	morning rise	-1601 Aug 26 j 18:57	6°♊42'35	
minimum elong	-1602 Sep 05 j 22:06	28°♊28'22	2°03'41	direct	-1601 Aug 29 j 13:52	6°♊00'44	
morning rise	-1602 Sep 11 j 16:23	22°♊48'55		asc. node	-1601 Aug 29 j 23:43	6°♊01'39	
asc. node	-1602 Sep 12 j 02:38	22°♊35'05		morning max el	-1601 Sep 05 j 02:44	9°♊32'51	18°12'31
direct	-1602 Sep 14 j 18:01	21°♊55'19			-1601 Sep 19 j 03:24	0°♊	
morning max el	-1602 Sep 21 j 13:05	25°♊42'44	18°46'32	morning set	-1601 Sep 23 j 14:28	7°♊23'49	
	-1602 Sep 25 j 04:47	0°♊			-1601 Oct 07 j 11:56	0°♊	
morning set	-1602 Oct 12 j 16:26	26°♊42'11					
	-1602 Oct 14 j 18:16	0°♊		superior conj	-1601 Oct 07 j 22:24	0°♊41'38	0°11'52
desc. node	-1602 Oct 22 j 21:13	12°♊50'27		minimum elong	-1601 Oct 07 j 23:52	0°♊47'32	0°11'39
				behind sun begin	-1601 Oct 07 j 16:10	0°♊16'52	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

behind sun end	-1601 Oct 08 j 07:35	1°♄18'09		superior conj	-1600 Sep 16 j 21:23	10°♎14'08	0°55'08
desc. node	-1601 Oct 09 j 18:15	3°♄35'43		minimum elong	-1600 Sep 17 j 02:29	10°♎35'12	0°54'31
max. Earth dist.	-1601 Oct 11 j 05:18	5°♄54'18	1.44773 AU	max. Earth dist.	-1600 Sep 22 j 21:35	20°♎00'12	1.43920 AU
evening rise	-1601 Oct 24 j 11:28	26°♄38'26		desc. node	-1600 Sep 25 j 15:16	24°♎21'45	
	-1601 Oct 26 j 15:23	0°♎			-1600 Sep 29 j 05:17	0°♄	
greatest brilliancy	-1601 Nov 05 j 19:41	15°♎39'20	-0.7m	evening rise	-1600 Oct 02 j 18:23	5°♄30'25	
	-1601 Nov 16 j 02:12	0°♄			-1600 Oct 19 j 01:44	0°♎	
evening max el	-1601 Nov 18 j 05:30	2°♄23'26	19°40'26	evening max el	-1600 Oct 31 j 07:21	15°♎50'16	20°42'32
retrograde	-1601 Nov 25 j 14:30	6°♄40'56		retrograde	-1600 Nov 08 j 12:02	20°♎41'10	
asc. node	-1601 Nov 25 j 22:53	6°♄40'14		asc. node	-1600 Nov 11 j 19:57	19°♎37'41	
evening set	-1601 Nov 29 j 02:04	5°♄29'57		evening set	-1600 Nov 12 j 09:01	19°♎14'59	
	-1601 Dec 04 j 06:16	30°♎		inferior conj	-1600 Nov 17 j 18:46	13°♎05'49	1°56'45
inferior conj	-1601 Dec 04 j 14:57	29°♎31'36	2°40'24	minimum elong	-1600 Nov 17 j 16:22	13°♎13'58	1°55'50
minimum elong	-1601 Dec 04 j 12:04	29°♎41'04	2°39'30	min. Earth dist.	-1600 Nov 18 j 08:20	12°♎19'35	0.67117 AU
min. Earth dist.	-1601 Dec 05 j 16:39	28°♎07'20	0.66411 AU	morning rise	-1600 Nov 22 j 23:32	6°♎51'39	
morning rise	-1601 Dec 09 j 21:51	23°♎19'17		direct	-1600 Nov 28 j 10:31	4°♎28'33	
direct	-1601 Dec 15 j 23:45	20°♎38'22		morning max el	-1600 Dec 09 j 13:14	11°♎06'23	24°17'01
morning max el	-1601 Dec 28 j 04:44	27°♎52'09	25°39'55	desc. node	-1600 Dec 22 j 14:32	27°♎08'51	
	-1601 Dec 30 j 05:31	0°♄			-1600 Dec 24 j 15:21	0°♄	
desc. node	-1600 Jan 05 j 17:30	7°♄46'32			-1599 Jan 12 j 19:39	0°♄	
	-1600 Jan 21 j 01:44	0°♄		morning set	-1599 Jan 14 j 09:22	2°♄42'29	
morning set	-1600 Feb 02 j 11:14	21°♄09'12		max. Earth dist.	-1599 Jan 18 j 03:36	9°♄21'23	1.37989 AU
max. Earth dist.	-1600 Feb 06 j 06:56	28°♄16'52	1.36063 AU				
	-1600 Feb 07 j 04:30	0°♄		superior conj	-1599 Jan 25 j 03:22	22°♄21'48	-1°47'54
				minimum elong	-1599 Jan 25 j 06:33	22°♄37'02	1°47'40
superior conj	-1600 Feb 11 j 21:14	9°♄13'49	-1°29'50		-1599 Jan 29 j 01:37	0°♄	
minimum elong	-1600 Feb 12 j 00:48	9°♄31'37	1°29'24	evening rise	-1599 Feb 02 j 20:54	9°♄30'00	
evening rise	-1600 Feb 19 j 21:31	25°♄32'57		asc. node	-1599 Feb 07 j 19:15	19°♄01'36	
asc. node	-1600 Feb 21 j 22:13	29°♄38'12			-1599 Feb 14 j 07:06	0°♄	
	-1600 Feb 22 j 02:36	0°♄		evening max el	-1599 Feb 19 j 13:01	6°♄24'48	19°02'53
evening max el	-1600 Mar 08 j 17:28	24°♄21'09	19°59'41	retrograde	-1599 Feb 28 j 03:06	10°♄32'16	
retrograde	-1600 Mar 18 j 21:19	29°♄12'23		evening set	-1599 Mar 02 j 10:31	10°♄15'39	
evening set	-1600 Mar 21 j 01:36	28°♄59'58		inferior conj	-1599 Mar 10 j 11:44	6°♄01'44	2°35'22
inferior conj	-1600 Mar 29 j 20:58	24°♄59'34	1°03'41	minimum elong	-1599 Mar 10 j 16:22	5°♄53'38	2°34'09
minimum elong	-1600 Mar 29 j 23:40	24°♄55'27	1°02'46	min. Earth dist.	-1599 Mar 13 j 14:33	3°♄52'06	0.56978 AU
min. Earth dist.	-1600 Mar 31 j 22:44	23°♄44'02	0.55609 AU	morning rise	-1599 Mar 18 j 19:19	1°♄00'17	
desc. node	-1600 Apr 02 j 16:37	22°♄43'33		desc. node	-1599 Mar 20 j 13:39	0°♄25'02	
morning rise	-1600 Apr 07 j 19:39	20°♄30'16			-1599 Mar 22 j 23:44	30°♄	
direct	-1600 Apr 11 j 18:44	19°♄55'43		direct	-1599 Mar 23 j 22:38	29°♄57'49	
morning max el	-1600 Apr 25 j 13:56	26°♄46'36	23°59'11		-1599 Mar 24 j 21:34	0°♄	
	-1600 Apr 28 j 16:24	0°♄		morning max el	-1599 Apr 07 j 04:52	7°♄19'52	25°34'50
	-1600 May 17 j 09:52	0°♄			-1599 Apr 23 j 22:01	0°♄	
asc. node	-1600 May 19 j 21:35	5°♄08'00		morning set	-1599 May 04 j 11:56	20°♄20'58	
morning set	-1600 May 20 j 00:01	5°♄20'43		asc. node	-1599 May 06 j 18:37	25°♄12'03	
					-1599 May 08 j 23:45	0°♄	
superior conj	-1600 May 27 j 01:21	20°♄29'48	1°08'55	superior conj	-1599 May 11 j 11:56	5°♄28'40	0°47'56
minimum elong	-1600 May 26 j 22:53	20°♄16'31	1°08'33	minimum elong	-1599 May 11 j 09:59	5°♄18'05	0°47'35
max. Earth dist.	-1600 May 28 j 23:31	24°♄37'24	1.33383 AU	max. Earth dist.	-1599 May 12 j 08:58	7°♄23'25	1.32736 AU
	-1600 May 31 j 12:38	0°♄		evening rise	-1599 May 18 j 14:30	20°♄40'00	
evening rise	-1600 Jun 03 j 11:30	6°♄03'23			-1599 May 23 j 06:46	0°♄	
	-1600 Jun 16 j 13:49	0°♄			-1599 Jun 10 j 19:32	0°♄	
desc. node	-1600 Jun 29 j 15:54	18°♄55'20		desc. node	-1599 Jun 16 j 12:54	6°♄49'22	
evening max el	-1600 Jul 06 j 21:16	26°♄54'35	27°25'12	evening max el	-1599 Jun 19 j 04:20	9°♄30'17	27°11'53
	-1600 Jul 10 j 10:48	0°♄		retrograde	-1599 Jul 03 j 02:01	16°♄49'54	
retrograde	-1600 Jul 20 j 13:10	4°♄16'07		evening set	-1599 Jul 10 j 03:34	14°♄31'00	
evening set	-1600 Jul 27 j 17:39	1°♄36'05		min. Earth dist.	-1599 Jul 13 j 18:17	11°♄43'56	0.61746 AU
	-1600 Jul 29 j 16:24	30°♄		inferior conj	-1599 Jul 16 j 20:54	8°♄55'02	-4°17'02
min. Earth dist.	-1600 Jul 31 j 08:13	28°♄25'32	0.63582 AU	minimum elong	-1599 Jul 17 j 00:21	8°♄47'10	4°16'32
inferior conj	-1600 Aug 02 j 23:02	25°♄45'04	-3°41'55	morning rise	-1599 Jul 23 j 22:39	3°♄57'51	
minimum elong	-1600 Aug 03 j 03:24	25°♄33'54	3°40'51	direct	-1599 Jul 26 j 11:01	3°♄30'52	
morning rise	-1600 Aug 09 j 14:08	20°♄27'53		morning max el	-1599 Aug 02 j 08:30	6°♄58'09	17°57'42
direct	-1600 Aug 12 j 04:40	19°♄54'44		asc. node	-1599 Aug 02 j 17:52	7°♄21'31	
asc. node	-1600 Aug 15 j 20:48	21°♄01'10			-1599 Aug 17 j 04:50	0°♄	
morning max el	-1600 Aug 18 j 18:08	23°♄20'02	17°55'54	morning set	-1599 Aug 18 j 09:29	2°♄10'27	
	-1600 Aug 24 j 00:43	0°♄					
morning set	-1600 Sep 04 j 14:02	19°♄18'20		superior conj	-1599 Aug 28 j 23:57	21°♄08'37	1°25'30
	-1600 Sep 10 j 18:53	0°♄					

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1599 Aug 29 j 04:41	21°Ω29'07	1°25'04	minimum elong	-1598 Aug 11 j 05:56	3°Ω28'43	1°42'20
	-1599 Sep 03 j 04:46	0°൬		max. Earth dist.	-1598 Aug 18 j 15:34	16°Ω35'01	1.40650 AU
max. Earth dist.	-1599 Sep 05 j 09:11	3°൬37'24	1.42485 AU	evening rise	-1598 Aug 23 j 09:01	24°Ω31'20	
evening rise	-1599 Sep 12 j 04:04	14°൬33'25			-1598 Aug 26 j 18:03	0°൬	
desc. node	-1599 Sep 12 j 12:16	15°൬05'45		desc. node	-1598 Aug 30 j 09:17	5°൬44'00	
	-1599 Sep 22 j 05:42	0°Ω			-1598 Sep 16 j 02:24	0°Ω	
evening max el	-1599 Oct 14 j 03:21	29°Ω17'29	21°55'42	evening max el	-1598 Sep 26 j 18:19	12°Ω46'31	23°15'11
	-1599 Oct 14 j 20:27	0°ℳ		retrograde	-1598 Oct 07 j 01:41	18°Ω52'26	
retrograde	-1599 Oct 23 j 08:14	4°ℳ45'47		evening set	-1598 Oct 11 j 23:48	16°Ω50'17	
evening set	-1599 Oct 27 j 16:49	3°ℳ02'19		asc. node	-1598 Oct 16 j 14:04	11°Ω31'28	
asc. node	-1599 Oct 29 j 17:00	1°ℳ05'07		inferior conj	-1598 Oct 17 j 07:56	10°Ω30'12	0°15'25
	-1599 Oct 30 j 14:54	30°℞Ω		minimum elong	-1598 Oct 17 j 07:34	10°Ω31'28	0°15'15
inferior conj	-1599 Nov 02 j 01:01	26°Ω45'54	1°07'51	transit middle	-1598 Oct 17 j 07:34	10°Ω31'28	0°15'15
minimum elong	-1599 Nov 01 j 23:31	26°Ω51'08	1°07'12	transit begin	-1598 Oct 17 j 06:36	10°Ω34'47	
min. Earth dist.	-1599 Nov 02 j 03:41	26°Ω36'42	0.67492 AU	transit end	-1598 Oct 17 j 08:32	10°Ω28'08	
morning rise	-1599 Nov 07 j 06:02	20°Ω32'23		min. Earth dist.	-1598 Oct 17 j 00:15	10°Ω56'37	0.67552 AU
direct	-1599 Nov 12 j 01:52	18°Ω30'52		morning rise	-1598 Oct 22 j 15:15	4°Ω20'02	
morning max el	-1599 Nov 21 j 23:12	24°Ω23'48	22°49'37	direct	-1598 Oct 26 j 20:49	2°Ω40'41	
	-1599 Nov 26 j 22:39	0°ℳ		morning max el	-1598 Nov 04 j 14:12	7°Ω48'29	21°26'20
desc. node	-1599 Dec 09 j 11:35	17°ℳ00'13			-1598 Nov 21 j 12:12	0°ℳ	
	-1599 Dec 18 j 02:53	0°♁		desc. node	-1598 Nov 26 j 08:37	7°ℳ12'27	
morning set	-1599 Dec 26 j 04:24	12°♁54'00		morning set	-1598 Dec 05 j 18:51	21°ℳ44'31	
max. Earth dist.	-1599 Dec 30 j 23:04	20°♁55'34	1.40092 AU		-1598 Dec 10 j 22:34	0°♁	
	-1598 Jan 05 j 03:35	0°♁		max. Earth dist.	-1598 Dec 13 j 00:38	3°♁24'47	1.42080 AU
superior conj	-1598 Jan 07 j 17:34	4°♁39'40	-1°58'12	superior conj	-1598 Dec 20 j 10:23	15°♁53'57	-1°56'47
minimum elong	-1598 Jan 07 j 18:50	4°♁45'26	1°58'12	minimum elong	-1598 Dec 20 j 07:54	15°♁43'15	1°56'44
evening rise	-1598 Jan 17 j 11:07	22°♁54'56			-1598 Dec 28 j 09:38	0°♁	
	-1598 Jan 21 j 05:14	0°≈		evening rise	-1598 Dec 31 j 12:38	5°♁40'14	
asc. node	-1598 Jan 25 j 16:16	7°≈58'09		asc. node	-1597 Jan 12 j 13:19	26°♁19'22	
evening max el	-1598 Feb 02 j 17:08	19°≈00'11	18°26'02		-1597 Jan 15 j 07:32	0°≈	
retrograde	-1598 Feb 10 j 03:31	22°≈39'30		evening max el	-1597 Jan 17 j 02:48	1°≈58'32	18°09'07
evening set	-1598 Feb 12 j 15:35	22°≈15'55		retrograde	-1597 Jan 23 j 21:10	5°≈25'40	
inferior conj	-1598 Feb 19 j 23:14	17°≈41'58	3°30'52	evening set	-1597 Jan 26 j 13:12	4°≈53'52	
minimum elong	-1598 Feb 20 j 02:30	17°≈35'17	3°30'20	inferior conj	-1597 Feb 02 j 06:20	29°♁58'12	3°53'46
min. Earth dist.	-1598 Feb 23 j 09:26	14°≈56'02	0.58876 AU	minimum elong	-1597 Feb 02 j 07:07	29°♁56'19	3°53'43
morning rise	-1598 Feb 27 j 11:04	12°≈14'17			-1597 Feb 02 j 05:34	30°℞♁	
direct	-1598 Mar 05 j 15:54	10°≈34'07		min. Earth dist.	-1597 Feb 05 j 10:28	27°♁00'11	0.60943 AU
desc. node	-1598 Mar 07 j 10:42	10°≈42'16		morning rise	-1597 Feb 08 j 23:34	24°♁12'32	
morning max el	-1598 Mar 19 j 23:06	18°≈12'09	26°51'02	direct	-1597 Feb 15 j 19:50	21°♁56'15	
	-1598 Mar 29 j 20:01	0°℥		desc. node	-1597 Feb 22 j 07:45	23°♁46'06	
	-1598 Apr 16 j 08:50	0°Υ		morning max el	-1597 Mar 01 j 23:35	29°♁42'09	27°35'55
morning set	-1598 Apr 18 j 22:15	5°Υ15'12			-1597 Mar 02 j 06:47	0°≈	
asc. node	-1598 Apr 23 j 15:38	15°Υ22'14			-1597 Mar 23 j 17:53	0°℥	
superior conj	-1598 Apr 25 j 23:39	20°Υ28'54	0°24'26	morning set	-1597 Apr 03 j 05:07	19°℥57'02	
minimum elong	-1598 Apr 25 j 22:35	20°Υ23'03	0°24'13		-1597 Apr 07 j 23:10	0°Υ	
max. Earth dist.	-1598 Apr 25 j 21:48	20°Υ18'45	1.32450 AU	max. Earth dist.	-1597 Apr 09 j 10:16	3°Υ10'27	1.32519 AU
	-1598 Apr 30 j 08:24	0°♂		superior conj	-1597 Apr 10 j 10:53	5°Υ24'46	-0°00'47
evening rise	-1598 May 02 j 22:29	5°♂30'04		minimum elong	-1597 Apr 10 j 10:56	5°Υ25'00	0°00'47
	-1598 May 15 j 23:23	0°Π		behind sun begin	-1597 Apr 10 j 05:53	4°Υ57'26	
evening max el	-1598 Jun 01 j 05:40	21°Π23'52	26°25'44	behind sun end	-1597 Apr 10 j 15:59	5°Υ52'34	
desc. node	-1598 Jun 03 j 09:55	23°Π20'56		asc. node	-1597 Apr 10 j 12:40	5°Υ34'32	
retrograde	-1598 Jun 15 j 06:38	28°Π39'36		evening rise	-1597 Apr 17 j 09:20	20°Υ26'00	
evening set	-1598 Jun 21 j 17:45	26°Π54'35			-1597 Apr 22 j 01:52	0°♂	
min. Earth dist.	-1598 Jun 25 j 18:52	24°Π15'30	0.59714 AU		-1597 May 11 j 12:22	0°Π	
inferior conj	-1598 Jun 29 j 03:21	21°Π36'52	-4°34'24	evening max el	-1597 May 14 j 00:24	2°Π33'56	25°11'14
minimum elong	-1598 Jun 29 j 04:09	21°Π35'16	4°34'21	desc. node	-1597 May 21 j 06:56	7°Π57'30	
morning rise	-1598 Jul 06 j 16:40	17°Π01'36		retrograde	-1597 May 28 j 01:03	9°Π42'33	
direct	-1598 Jul 09 j 04:49	16°Π38'58		evening set	-1597 Jun 02 j 09:23	8°Π36'23	
morning max el	-1598 Jul 16 j 18:46	20°Π18'14	18°19'02	min. Earth dist.	-1597 Jun 07 j 12:15	5°Π48'14	0.57723 AU
asc. node	-1598 Jul 20 j 14:55	24°Π46'19		inferior conj	-1597 Jun 10 j 14:59	3°Π40'48	-4°23'26
	-1598 Jul 24 j 02:25	0°♄		minimum elong	-1597 Jun 10 j 11:39	3°Π46'32	4°23'03
morning set	-1598 Aug 01 j 19:26	15°♄45'15			-1597 Jun 16 j 23:55	30°℞♂	
	-1598 Aug 09 j 08:33	0°Ω		morning rise	-1597 Jun 18 j 16:42	29°♂27'08	
superior conj	-1598 Aug 11 j 03:24	3°Ω17'11	1°42'27	direct	-1597 Jun 21 j 05:43	29°♂07'47	
					-1597 Jun 25 j 06:42	0°Π	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning max el	-1597 Jun 29 j 22:03	3° Π 11'30	19°00'52			-1596 Jun 22 j 07:10	0° Π	
asc. node	-1597 Jul 07 j 11:57	13° Π 01'18		asc. node		-1596 Jun 23 j 09:02	1° Π 54'59	
morning set	-1597 Jul 16 j 15:41	29° Π 51'37		morning set		-1596 Jun 29 j 19:11	14° Π 21'32	
	-1597 Jul 16 j 17:24	0° \mathfrak{C}				-1596 Jul 07 j 11:43	0° \mathfrak{C}	
superior conj	-1597 Jul 25 j 02:04	16° \mathfrak{C} 24'12	1°48'05	superior conj		-1596 Jul 07 j 14:40	0° \mathfrak{C} 14'50	1°44'50
minimum elong	-1597 Jul 25 j 02:19	16° \mathfrak{C} 25'23	1°48'06	minimum elong		-1596 Jul 07 j 13:16	0° \mathfrak{C} 07'47	1°44'47
max. Earth dist.	-1597 Jul 31 j 18:30	28° \mathfrak{C} 51'24	1.38658 AU	max. Earth dist.		-1596 Jul 12 j 22:51	10° \mathfrak{C} 41'56	1.36763 AU
	-1597 Aug 01 j 09:46	0° \mathcal{O}		evening rise		-1596 Jul 16 j 21:01	18° \mathfrak{C} 00'38	
evening rise	-1597 Aug 04 j 15:21	5° \mathcal{O} 41'35				-1596 Jul 23 j 17:31	0° \mathcal{O}	
desc. node	-1597 Aug 17 j 06:19	26° \mathcal{O} 12'05		desc. node		-1596 Aug 03 j 03:20	16° \mathcal{O} 24'45	
	-1597 Aug 19 j 18:56	0° \mathfrak{N}				-1596 Aug 13 j 00:23	0° \mathfrak{N}	
evening max el	-1597 Sep 09 j 06:12	26° \mathfrak{N} 18'18	24°34'43	evening max el		-1596 Aug 21 j 17:18	9° \mathfrak{N} 52'54	25°46'58
	-1597 Sep 13 j 11:32	0° \mathfrak{A}		retrograde		-1596 Sep 03 j 00:49	16° \mathfrak{N} 56'24	
retrograde	-1597 Sep 20 j 15:25	2° \mathfrak{A} 57'24		evening set		-1596 Sep 09 j 04:16	14° \mathfrak{N} 20'18	
evening set	-1597 Sep 26 j 04:13	0° \mathfrak{A} 36'51		min. Earth dist.		-1596 Sep 13 j 11:22	9° \mathfrak{N} 37'08	0.66721 AU
	-1597 Sep 26 j 20:22	30° \mathfrak{R} \mathfrak{N}		inferior conj		-1596 Sep 14 j 16:44	8° \mathfrak{N} 03'40	-1°33'50
min. Earth dist.	-1597 Sep 30 j 19:34	25° \mathfrak{N} 17'22	0.67301 AU	minimum elong		-1596 Sep 14 j 19:02	7° \mathfrak{N} 56'21	1°32'53
inferior conj	-1597 Oct 01 j 13:45	24° \mathfrak{N} 16'40	-0°39'02	asc. node		-1596 Sep 19 j 08:12	2° \mathfrak{N} 55'14	
minimum elong	-1597 Oct 01 j 14:42	24° \mathfrak{N} 13'30	0°38'37	morning rise		-1596 Sep 20 j 10:00	2° \mathfrak{N} 08'31	
asc. node	-1597 Oct 03 j 11:08	21° \mathfrak{N} 48'59		direct		-1596 Sep 23 j 16:28	1° \mathfrak{N} 06'50	
morning rise	-1597 Oct 07 j 01:12	18° \mathfrak{N} 12'35		morning max el		-1596 Sep 30 j 18:18	5° \mathfrak{N} 07'13	19°13'38
direct	-1597 Oct 10 j 18:09	16° \mathfrak{N} 53'39				-1596 Oct 18 j 10:05	0° \mathfrak{A}	
morning max el	-1597 Oct 18 j 12:34	21° \mathfrak{N} 23'04	20°13'06	morning set		-1596 Oct 23 j 21:10	8° \mathfrak{A} 31'16	
	-1597 Oct 25 j 14:16	0° \mathfrak{A}		desc. node		-1596 Oct 30 j 02:44	18° \mathfrak{A} 16'13	
desc. node	-1597 Nov 13 j 05:39	27° \mathfrak{A} 39'07				-1596 Nov 06 j 13:58	0° \mathfrak{M}	
morning set	-1597 Nov 14 j 16:25	29° \mathfrak{A} 53'24		max. Earth dist.		-1596 Nov 07 j 01:05	0° \mathfrak{M} 43'52	1.44668 AU
	-1597 Nov 14 j 18:08	0° \mathfrak{M}						
max. Earth dist.	-1597 Nov 25 j 09:59	16° \mathfrak{M} 46'12	1.43674 AU	superior conj		-1596 Nov 09 j 13:34	4° \mathfrak{M} 43'06	-1°04'20
superior conj	-1597 Dec 01 j 00:47	25° \mathfrak{M} 52'47	-1°39'26	minimum elong		-1596 Nov 09 j 06:13	4° \mathfrak{M} 13'59	1°03'30
minimum elong	-1597 Nov 30 j 18:03	25° \mathfrak{M} 25'11	1°38'54	evening rise		-1596 Nov 24 j 08:32	28° \mathfrak{M} 37'43	
	-1597 Dec 03 j 12:38	0° \mathfrak{J}				-1596 Nov 25 j 04:31	0° \mathfrak{J}	
evening rise	-1597 Dec 13 j 21:12	17° \mathfrak{J} 36'53		evening max el		-1596 Dec 14 j 03:13	28° \mathfrak{J} 32'34	18°32'39
	-1597 Dec 21 j 01:48	0° \mathfrak{Z}				-1596 Dec 15 j 16:49	0° \mathfrak{Z}	
asc. node	-1597 Dec 30 j 10:23	13° \mathfrak{Z} 53'48		asc. node		-1596 Dec 16 j 07:26	0° \mathfrak{Z} 28'51	
evening max el	-1597 Dec 31 j 15:02	15° \mathfrak{Z} 11'02	18°11'36	retrograde		-1596 Dec 20 j 18:05	2° \mathfrak{Z} 12'47	
retrograde	-1596 Jan 07 j 03:28	18° \mathfrak{Z} 39'19		evening set		-1596 Dec 23 j 18:46	1° \mathfrak{Z} 21'45	
evening set	-1596 Jan 09 j 23:24	17° \mathfrak{Z} 58'28				-1596 Dec 25 j 16:44	30° \mathfrak{R} \mathfrak{J}	
inferior conj	-1596 Jan 16 j 05:18	12° \mathfrak{Z} 42'16	3°52'13	inferior conj		-1596 Dec 29 j 16:18	25° \mathfrak{J} 47'11	3°33'24
minimum elong	-1596 Jan 16 j 04:00	12° \mathfrak{Z} 45'42	3°52'07	minimum elong		-1596 Dec 29 j 13:47	25° \mathfrak{J} 54'36	3°32'57
min. Earth dist.	-1596 Jan 18 j 20:29	9° \mathfrak{Z} 54'33	0.62890 AU	min. Earth dist.		-1596 Dec 31 j 16:26	23° \mathfrak{J} 25'44	0.64551 AU
morning rise	-1596 Jan 22 j 07:47	6° \mathfrak{Z} 44'45		morning rise		-1595 Jan 04 j 08:20	19° \mathfrak{J} 41'53	
direct	-1596 Jan 29 j 08:28	4° \mathfrak{Z} 03'12		direct		-1595 Jan 11 j 04:39	16° \mathfrak{J} 49'51	
desc. node	-1596 Feb 09 j 04:49	9° \mathfrak{Z} 05'19		morning max el		-1595 Jan 24 j 14:58	24° \mathfrak{J} 34'54	27°17'22
morning max el	-1596 Feb 12 j 05:45	11° \mathfrak{Z} 52'23	27°44'16	desc. node		-1595 Jan 26 j 01:53	26° \mathfrak{J} 04'42	
	-1596 Feb 26 j 15:37	0° \mathfrak{A}				-1595 Jan 29 j 13:33	0° \mathfrak{Z}	
	-1596 Mar 15 j 02:17	0° \mathfrak{H}				-1595 Feb 19 j 01:01	0° \mathfrak{A}	
morning set	-1596 Mar 17 j 06:20	4° \mathfrak{H} 18'23		morning set		-1595 Feb 28 j 23:01	18° \mathfrak{A} 09'51	
max. Earth dist.	-1596 Mar 22 j 18:18	15° \mathfrak{H} 43'40	1.32953 AU	max. Earth dist.		-1595 Mar 05 j 17:45	27° \mathfrak{A} 45'27	1.33800 AU
						-1595 Mar 06 j 19:47	0° \mathfrak{H}	
superior conj	-1596 Mar 24 j 19:56	20° \mathfrak{H} 09'57	-0°26'52	superior conj		-1595 Mar 09 j 00:52	4° \mathfrak{H} 38'09	-0°52'47
minimum elong	-1596 Mar 24 j 21:11	20° \mathfrak{H} 16'43	0°26'36	minimum elong		-1595 Mar 09 j 03:17	4° \mathfrak{H} 50'57	0°52'20
asc. node	-1596 Mar 27 j 09:44	25° \mathfrak{H} 44'21		asc. node		-1595 Mar 14 j 06:46	15° \mathfrak{H} 47'28	
	-1596 Mar 29 j 09:02	0° \mathfrak{Y}		evening rise		-1595 Mar 16 j 08:00	20° \mathfrak{H} 07'01	
evening rise	-1596 Mar 31 j 21:06	5° \mathfrak{Y} 20'27				-1595 Mar 21 j 05:14	0° \mathfrak{Y}	
	-1596 Apr 14 j 03:22	0° \mathfrak{B}		evening max el		-1595 Apr 06 j 09:18	23° \mathfrak{Y} 56'15	22°05'42
evening max el	-1596 Apr 24 j 15:25	13° \mathfrak{B} 15'21	23°39'46			-1595 Apr 17 j 03:22	0° \mathfrak{B}	
desc. node	-1596 May 07 j 03:57	20° \mathfrak{B} 02'47		retrograde		-1595 Apr 19 j 02:25	0° \mathfrak{B} 08'51	
retrograde	-1596 May 08 j 07:40	20° \mathfrak{B} 05'49				-1595 Apr 21 j 02:10	30° \mathfrak{R} \mathfrak{Y}	
evening set	-1596 May 12 j 06:01	19° \mathfrak{B} 31'41		evening set		-1595 Apr 21 j 20:26	29° \mathfrak{Y} 52'05	
min. Earth dist.	-1596 May 19 j 02:11	16° \mathfrak{B} 20'25	0.56093 AU	desc. node		-1595 Apr 24 j 01:00	29° \mathfrak{Y} 16'22	
inferior conj	-1596 May 21 j 06:31	15° \mathfrak{B} 01'36	-3°32'44	min. Earth dist.		-1595 Apr 30 j 15:39	26° \mathfrak{Y} 05'26	0.55169 AU
minimum elong	-1596 May 20 j 23:58	15° \mathfrak{B} 11'30	3°31'13	inferior conj		-1595 May 01 j 06:02	25° \mathfrak{Y} 45'10	-1°59'32
morning rise	-1596 May 29 j 20:51	11° \mathfrak{B} 03'35		minimum elong		-1595 May 01 j 00:44	25° \mathfrak{Y} 52'38	1°57'47
direct	-1596 Jun 01 j 11:15	10° \mathfrak{B} 46'35		morning rise		-1595 May 10 j 06:27	21° \mathfrak{Y} 48'46	
morning max el	-1596 Jun 11 j 15:52	15° \mathfrak{B} 29'30	20°03'29	direct		-1595 May 13 j 01:45	21° \mathfrak{Y} 31'06	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning max el	-1595 May 24 j 22:42	27° Υ 05'28	21°25'18	transit end	-1594 Apr 11 j 04:51	6° Υ 08'08	
	-1595 May 27 j 18:14	0° \mathcal{B}		min. Earth dist.	-1594 Apr 12 j 05:29	5° Υ 32'43	0.55175 AU
asc. node	-1595 Jun 10 j 06:05	21° \mathcal{B} 17'18		morning rise	-1594 Apr 20 j 03:33	2° Υ 00'56	
morning set	-1595 Jun 14 j 03:25	29° \mathcal{B} 07'30		direct	-1594 Apr 23 j 13:32	1° Υ 35'36	
	-1595 Jun 14 j 13:34	0° Π		morning max el	-1594 May 06 j 19:33	8° Υ 01'44	23°01'17
					-1594 May 22 j 11:35	0° \mathcal{B}	
superior conj	-1595 Jun 21 j 12:59	14° Π 35'49	1°34'47	asc. node	-1594 May 28 j 03:09	11° \mathcal{B} 00'42	
minimum elong	-1595 Jun 21 j 10:40	14° Π 23'47	1°34'36	morning set	-1594 May 29 j 14:27	14° \mathcal{B} 03'43	
max. Earth dist.	-1595 Jun 25 j 10:24	22° Π 33'13	1.35158 AU				
	-1595 Jun 29 j 05:21	0° \mathcal{E}		superior conj	-1594 Jun 05 j 17:53	29° \mathcal{B} 17'30	1°19'33
evening rise	-1595 Jun 29 j 20:59	1° \mathcal{E} 14'49		minimum elong	-1594 Jun 05 j 15:18	29° \mathcal{B} 03'48	1°19'14
	-1595 Jul 16 j 17:49	0° Ω			-1594 Jun 06 j 01:51	0° Π	
desc. node	-1595 Jul 21 j 00:21	6° Ω 14'12		max. Earth dist.	-1594 Jun 08 j 07:57	4° Π 45'44	1.33925 AU
evening max el	-1595 Aug 04 j 04:52	23° Ω 25'06	26°44'04	evening rise	-1594 Jun 13 j 10:25	15° Π 10'17	
	-1595 Aug 13 j 13:48	0° \mathfrak{M}			-1594 Jun 21 j 08:30	0° \mathcal{E}	
retrograde	-1595 Aug 17 j 05:10	0° \mathfrak{M} 41'54		desc. node	-1594 Jul 07 j 21:19	25° \mathcal{E} 30'33	
	-1595 Aug 20 j 15:05	30° \mathfrak{R} Ω			-1594 Jul 11 j 10:56	0° Ω	
evening set	-1595 Aug 23 j 21:41	27° Ω 56'28		evening max el	-1594 Jul 17 j 16:29	6° Ω 45'49	27°18'21
min. Earth dist.	-1595 Aug 27 j 21:15	23° Ω 50'49	0.65792 AU	retrograde	-1594 Jul 31 j 03:53	14° Ω 06'30	
inferior conj	-1595 Aug 29 j 14:52	21° Ω 47'07	-2°27'10	evening set	-1594 Aug 07 j 05:43	11° Ω 21'14	
minimum elong	-1595 Aug 29 j 18:23	21° Ω 36'40	2°25'54	min. Earth dist.	-1594 Aug 10 j 22:58	7° Ω 51'52	0.64500 AU
morning rise	-1595 Sep 04 j 15:31	16° Ω 03'56		inferior conj	-1594 Aug 13 j 05:52	5° Ω 22'43	-3°16'35
asc. node	-1595 Sep 06 j 05:16	15° Ω 26'14		minimum elong	-1594 Aug 13 j 10:09	5° Ω 11'04	3°15'19
direct	-1595 Sep 07 j 13:53	15° Ω 15'53			-1594 Aug 19 j 10:57	30° \mathfrak{R} \mathcal{E}	
morning max el	-1595 Sep 14 j 05:40	18° Ω 56'07	18°29'54	morning rise	-1594 Aug 19 j 15:18	29° \mathcal{E} 54'49	
	-1595 Sep 22 j 13:58	0° \mathfrak{M}		direct	-1594 Aug 22 j 08:04	29° \mathcal{E} 16'58	
morning set	-1595 Oct 04 j 02:46	18° \mathfrak{M} 24'36		asc. node	-1594 Aug 24 j 02:20	29° \mathcal{E} 33'12	
	-1595 Oct 11 j 07:54	0° $\underline{\mathcal{A}}$			-1594 Aug 25 j 05:14	0° Ω	
desc. node	-1595 Oct 16 j 23:46	8° $\underline{\mathcal{A}}$ 59'13		morning max el	-1594 Aug 28 j 20:19	2° Ω 45'18	18°03'07
				morning set	-1594 Sep 15 j 12:19	29° Ω 39'13	
					-1594 Sep 15 j 17:14	0° \mathfrak{M}	
superior conj	-1595 Oct 19 j 13:38	13° $\underline{\mathcal{A}}$ 03'14	-0°16'39				
minimum elong	-1595 Oct 19 j 11:25	12° $\underline{\mathcal{A}}$ 54'32	0°16'23	superior conj	-1594 Sep 28 j 23:09	21° \mathfrak{M} 54'57	0°31'34
max. Earth dist.	-1595 Oct 20 j 19:00	14° $\underline{\mathcal{A}}$ 58'51	1.44950 AU	minimum elong	-1594 Sep 29 j 02:43	22° \mathfrak{M} 09'21	0°31'05
	-1595 Oct 30 j 08:20	0° \mathfrak{M}		max. Earth dist.	-1594 Oct 03 j 13:08	29° \mathfrak{M} 14'39	1.44500 AU
evening rise	-1595 Nov 04 j 19:38	8° \mathfrak{M} 37'30		desc. node	-1594 Oct 03 j 20:45	29° \mathfrak{M} 44'53	
greatest brilliancy	-1595 Nov 14 j 07:55	23° \mathfrak{M} 36'53	-0.8m		-1594 Oct 04 j 00:34	0° $\underline{\mathcal{A}}$	
	-1595 Nov 18 j 11:46	0° \mathcal{X}		evening rise	-1594 Oct 15 j 09:31	17° $\underline{\mathcal{A}}$ 45'54	
evening max el	-1595 Nov 27 j 12:55	11° \mathcal{X} 58'45	19°11'11		-1594 Oct 23 j 08:58	0° \mathfrak{M}	
asc. node	-1595 Dec 03 j 04:27	15° \mathcal{X} 49'34		greatest brilliancy	-1594 Oct 29 j 06:42	8° \mathfrak{M} 53'05	-0.6m
retrograde	-1595 Dec 04 j 13:24	16° \mathcal{X} 00'08		evening max el	-1594 Nov 10 j 18:08	25° \mathfrak{M} 26'14	20°05'21
evening set	-1595 Dec 07 j 20:27	14° \mathcal{X} 57'05		retrograde	-1594 Nov 18 j 10:42	29° \mathfrak{M} 56'44	
inferior conj	-1595 Dec 13 j 11:57	9° \mathcal{X} 06'48	3°02'24	asc. node	-1594 Nov 20 j 01:30	29° \mathfrak{M} 41'42	
minimum elong	-1595 Dec 13 j 09:00	9° \mathcal{X} 16'08	3°01'36	evening set	-1594 Nov 22 j 02:04	28° \mathfrak{M} 39'31	
min. Earth dist.	-1595 Dec 14 j 21:30	7° \mathcal{X} 20'26	0.65844 AU	inferior conj	-1594 Nov 27 j 13:26	22° \mathfrak{M} 36'22	2°22'38
morning rise	-1595 Dec 18 j 21:16	2° \mathcal{X} 56'30		minimum elong	-1594 Nov 27 j 10:42	22° \mathfrak{M} 45'30	2°21'41
direct	-1595 Dec 25 j 07:05	0° \mathcal{X} 08'07		min. Earth dist.	-1594 Nov 28 j 09:49	21° \mathfrak{M} 28'18	0.66760 AU
morning max el	-1594 Jan 07 j 00:28	7° \mathcal{X} 37'07	26°21'35	morning rise	-1594 Dec 02 j 19:08	16° \mathfrak{M} 23'13	
desc. node	-1594 Jan 12 j 22:59	14° \mathcal{X} 15'24		direct	-1594 Dec 08 j 14:57	13° \mathfrak{M} 49'04	
	-1594 Jan 24 j 12:03	0° \mathcal{Z}		morning max el	-1594 Dec 20 j 09:03	20° \mathfrak{M} 48'21	25°05'46
	-1594 Feb 11 j 10:18	0° \approx			-1594 Dec 28 j 08:01	0° \mathcal{X}	
morning set	-1594 Feb 12 j 03:23	1° \approx 19'49		desc. node	-1594 Dec 30 j 20:02	3° \mathcal{X} 15'54	
max. Earth dist.	-1594 Feb 16 j 05:45	9° \approx 12'03	1.35104 AU		-1593 Jan 17 j 16:56	0° \mathcal{Z}	
				morning set	-1593 Jan 25 j 14:13	13° \mathcal{Z} 32'37	
superior conj	-1594 Feb 20 j 23:25	18° \approx 42'39	-1°17'11	max. Earth dist.	-1593 Jan 29 j 06:48	20° \mathcal{Z} 16'33	1.36847 AU
minimum elong	-1594 Feb 21 j 02:44	18° \approx 59'36	1°16'41		-1593 Feb 03 j 09:14	0° \approx	
	-1594 Feb 26 j 10:08	0° \mathcal{X}					
evening rise	-1594 Feb 28 j 16:11	4° \mathcal{X} 39'51		superior conj	-1593 Feb 04 j 12:35	2° \approx 14'05	-1°38'15
asc. node	-1594 Mar 01 j 03:48	5° \mathcal{X} 39'33		minimum elong	-1593 Feb 04 j 16:08	2° \approx 31'31	1°37'53
	-1594 Mar 15 j 01:36	0° Υ		evening rise	-1593 Feb 12 j 19:28	18° \approx 51'51	
evening max el	-1594 Mar 19 j 12:00	5° Υ 02'36	20°41'09	asc. node	-1593 Feb 16 j 00:49	25° \approx 14'59	
retrograde	-1594 Mar 30 j 15:29	10° Υ 23'08			-1593 Feb 18 j 12:51	0° \mathcal{X}	
evening set	-1594 Apr 01 j 21:00	10° Υ 11'11		evening max el	-1593 Mar 02 j 01:33	16° \mathcal{X} 44'42	19°33'08
desc. node	-1594 Apr 10 j 22:02	6° Υ 17'57		retrograde	-1593 Mar 11 j 12:03	21° \mathcal{X} 15'19	
inferior conj	-1594 Apr 11 j 00:54	6° Υ 13'49	-0°02'02	evening set	-1593 Mar 13 j 17:26	21° \mathcal{X} 01'24	
minimum elong	-1594 Apr 11 j 00:48	6° Υ 13'57	0°01'58	inferior conj	-1593 Mar 22 j 05:18	16° \mathcal{X} 56'23	1°46'46
transit middle	-1594 Apr 11 j 00:48	6° Υ 13'57	0°01'58	minimum elong	-1593 Mar 22 j 09:19	16° \mathcal{X} 49'55	1°45'30
transit begin	-1594 Apr 10 j 20:46	6° Υ 19'46					

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

min. Earth dist.	-1593 Mar 24 j 19:51	15° X 16'35	0.56108 AU	minimum elong	-1592 Mar 02 j 09:02	28° \approx 05'57	3°02'24
desc. node	-1593 Mar 28 j 19:06	13° X 04'52		min. Earth dist.	-1592 Mar 05 j 12:26	25° \approx 46'29	0.57745 AU
morning rise	-1593 Mar 30 j 22:38	12° X 13'45		morning rise	-1592 Mar 10 j 04:03	23° \approx 00'20	
direct	-1593 Apr 04 j 09:38	11° X 28'59		desc. node	-1592 Mar 14 j 16:10	21° \approx 45'51	
morning max el	-1593 Apr 18 j 10:43	18° X 34'28	24°41'20	direct	-1592 Mar 15 j 18:56	21° \approx 42'46	
	-1593 Apr 27 j 22:22	0° Y		morning max el	-1592 Mar 30 j 02:34	29° \approx 12'33	26°10'34
morning set	-1593 May 14 j 02:30	29° Y 03'42			-1592 Mar 30 j 21:46	0° X	
	-1593 May 14 j 13:11	0° Z			-1592 Apr 20 j 12:32	0° Y	
asc. node	-1593 May 15 j 00:11	0° Z 58'17		morning set	-1592 Apr 27 j 13:56	14° Y 01'45	
				asc. node	-1592 Apr 30 j 21:12	21° Y 05'06	
superior conj	-1593 May 21 j 02:55	14° Z 11'20	1°00'23	superior conj	-1592 May 04 j 14:10	29° Y 10'50	0°38'13
minimum elong	-1593 May 21 j 00:38	13° Z 58'54	1°00'00	minimum elong	-1592 May 04 j 12:34	29° Y 02'03	0°37'54
max. Earth dist.	-1593 May 22 j 14:04	17° Z 21'32	1.33066 AU		-1592 May 04 j 23:09	0° Z	
evening rise	-1593 May 28 j 09:21	29° Z 34'12			-1592 May 05 j 01:29	0° Z 12'46	1.32570 AU
	-1593 May 28 j 14:25	0° II		max. Earth dist.	-1592 May 11 j 14:44	14° Z 16'45	
	-1593 Jun 14 j 10:49	0° III		evening rise	-1592 May 19 j 15:37	0° II	
desc. node	-1593 Jun 24 j 18:19	13° III 59'46			-1592 Jun 09 j 07:11	0° III	
evening max el	-1593 Jun 30 j 01:58	19° III 41'21	27°23'36	desc. node	-1592 Jun 10 j 15:21	1° III 21'44	
retrograde	-1593 Jul 13 j 20:17	27° III 01'24		evening max el	-1592 Jun 11 j 06:38	1° III 58'46	26°56'06
evening set	-1593 Jul 21 j 00:53	24° III 28'46		retrograde	-1592 Jun 25 j 05:43	9° III 17'03	
min. Earth dist.	-1593 Jul 24 j 14:46	21° III 29'47	0.62841 AU	evening set	-1592 Jul 02 j 02:54	7° III 10'58	
inferior conj	-1593 Jul 27 j 10:55	18° III 44'08	-3°58'28	min. Earth dist.	-1592 Jul 05 j 20:17	4° III 29'48	0.60892 AU
minimum elong	-1593 Jul 27 j 15:04	18° III 33'58	3°57'36	inferior conj	-1592 Jul 09 j 02:36	1° III 42'35	-4°27'11
morning rise	-1593 Aug 03 j 06:24	13° III 34'57		minimum elong	-1592 Jul 09 j 05:10	1° III 37'04	4°26'54
direct	-1593 Aug 05 j 19:52	13° III 04'33			-1592 Jul 11 j 03:52	30° R II	
asc. node	-1593 Aug 10 j 23:25	15° III 08'53		morning rise	-1592 Jul 16 j 09:12	26° II 54'55	
morning max el	-1593 Aug 12 j 11:36	16° III 29'17	17°54'20	direct	-1592 Jul 18 j 21:23	26° II 29'55	
	-1593 Aug 22 j 00:29	0° II		morning max el	-1592 Jul 26 j 00:37	0° III 00'35	18°04'27
morning set	-1593 Aug 28 j 21:08	12° II 00'52			-1592 Jul 26 j 00:22	0° III	
	-1593 Sep 08 j 04:51	0° III		asc. node	-1592 Jul 27 j 20:28	1° III 58'10	
superior conj	-1593 Sep 09 j 09:47	2° III 02'14	1°09'43	morning set	-1592 Aug 10 j 23:20	25° III 12'28	
minimum elong	-1593 Sep 09 j 15:07	2° III 24'39	1°09'08		-1592 Aug 13 j 13:18	0° II	
max. Earth dist.	-1593 Sep 16 j 04:20	13° III 13'00	1.43379 AU	superior conj	-1592 Aug 20 j 23:37	13° II 30'17	1°34'14
desc. node	-1593 Sep 20 j 17:44	20° III 30'30		minimum elong	-1592 Aug 21 j 03:30	13° II 47'31	1°33'57
evening rise	-1593 Sep 24 j 15:20	26° III 37'11		max. Earth dist.	-1592 Aug 28 j 13:51	26° II 35'01	1.41735 AU
	-1593 Sep 26 j 19:49	0° IV			-1592 Aug 30 j 15:16	0° III	
	-1593 Oct 17 j 08:23	0° V		evening rise	-1592 Sep 03 j 07:41	5° III 59'06	
evening max el	-1593 Oct 24 j 17:33	8° V 53'40	21°12'30	desc. node	-1592 Sep 06 j 14:44	11° III 12'23	
retrograde	-1593 Nov 02 j 07:50	13° V 59'47			-1592 Sep 19 j 02:20	0° IV	
evening set	-1593 Nov 06 j 09:38	12° V 26'14		evening max el	-1592 Oct 06 j 11:05	22° IV 20'59	22°28'58
asc. node	-1593 Nov 06 j 22:33	11° V 59'40		retrograde	-1592 Oct 16 j 03:09	28° IV 05'57	
inferior conj	-1593 Nov 11 j 18:32	6° V 13'31	1°36'32	evening set	-1592 Oct 20 j 17:19	26° IV 14'26	
minimum elong	-1593 Nov 11 j 16:28	6° V 20'36	1°35'42	asc. node	-1592 Oct 23 j 19:38	22° IV 56'16	
min. Earth dist.	-1593 Nov 12 j 03:16	5° V 43'30	0.67321 AU	inferior conj	-1592 Oct 26 j 01:18	19° IV 55'44	0°45'55
morning rise	-1593 Nov 16 j 23:10	29° IV 59'34		minimum elong	-1592 Oct 26 j 00:14	19° IV 59'23	0°45'29
	-1593 Nov 16 j 22:58	30° R IV		min. Earth dist.	-1592 Oct 25 j 23:26	20° IV 02'10	0.67556 AU
direct	-1593 Nov 22 j 03:39	27° IV 45'37		morning rise	-1592 Oct 31 j 07:03	13° IV 43'20	
	-1593 Nov 28 j 00:59	0° V		direct	-1592 Nov 04 j 20:33	11° IV 51'36	
morning max el	-1593 Dec 02 j 17:53	4° V 04'20	23°39'52	morning max el	-1592 Nov 14 j 05:47	17° IV 25'09	22°13'15
desc. node	-1593 Dec 17 j 17:04	22° V 51'53			-1592 Nov 24 j 13:13	0° V	
	-1593 Dec 22 j 14:55	0° VI		desc. node	-1592 Dec 03 j 14:06	12° V 52'49	
morning set	-1592 Jan 07 j 01:27	24° VI 32'22			-1592 Dec 14 j 18:04	0° VI	
	-1592 Jan 10 j 05:32	0° VII		morning set	-1592 Dec 17 j 07:58	4° VI 07'48	
max. Earth dist.	-1592 Jan 11 j 02:27	1° VII 31'44	1.38886 AU	max. Earth dist.	-1592 Dec 22 j 23:59	13° VI 27'59	1.40972 AU
superior conj	-1592 Jan 18 j 12:32	15° VII 02'13	-1°53'25	superior conj	-1592 Dec 30 j 18:16	26° VI 54'08	-1°59'17
minimum elong	-1592 Jan 18 j 15:07	15° VII 14'22	1°53'19	minimum elong	-1592 Dec 30 j 18:09	26° VI 53'36	1°59'19
	-1592 Jan 26 j 07:14	0° \approx			-1591 Jan 01 j 11:44	0° VII	
evening rise	-1592 Jan 27 j 15:21	2° \approx 36'21		evening rise	-1591 Jan 10 j 00:38	15° VII 45'21	
asc. node	-1592 Feb 02 j 21:51	14° \approx 27'52			-1591 Jan 17 j 20:48	0° \approx	
evening max el	-1592 Feb 13 j 00:58	29° \approx 02'04	18°44'39	asc. node	-1591 Jan 19 j 18:53	3° \approx 10'34	
	-1592 Feb 14 j 02:39	0° X		evening max el	-1591 Jan 26 j 07:44	11° \approx 47'47	18°16'23
retrograde	-1592 Feb 21 j 01:54	2° X 55'52		retrograde	-1591 Feb 02 j 10:11	15° \approx 20'28	
evening set	-1592 Feb 23 j 11:17	2° X 36'29		evening set	-1591 Feb 04 j 23:51	14° \approx 53'39	
	-1592 Feb 28 j 17:41	30° R \approx		inferior conj	-1591 Feb 12 j 00:55	10° \approx 10'32	3°44'04
inferior conj	-1592 Mar 02 j 04:42	28° \approx 14'03	3°03'22				

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1591 Feb 12 j 03:09	10° \approx 05'40	3°43'49	evening max el	-1590 Jan 09 j 18:54	24° \approx 53'26	18°07'52
min. Earth dist.	-1591 Feb 15 j 09:50	7° \approx 16'09	0.59750 AU	retrograde	-1590 Jan 16 j 09:37	28° \approx 19'24	
morning rise	-1591 Feb 19 j 04:24	4° \approx 33'52		evening set	-1590 Jan 19 j 03:15	27° \approx 43'56	
direct	-1591 Feb 25 j 17:00	2° \approx 37'25		inferior conj	-1590 Jan 25 j 15:15	22° \approx 39'41	3°55'36
desc. node	-1591 Mar 01 j 13:14	3° \approx 15'46		minimum elong	-1590 Jan 25 j 15:04	22° \approx 40'08	3°55'35
morning max el	-1591 Mar 11 j 23:34	10° \approx 20'24	27°14'30	min. Earth dist.	-1590 Jan 28 j 14:35	19° \approx 43'16	0.61802 AU
	-1591 Mar 27 j 04:39	0° \approx		morning rise	-1590 Feb 01 j 01:41	16° \approx 48'22	
morning set	-1591 Apr 11 j 23:03	28° \approx 51'57		direct	-1590 Feb 08 j 01:16	14° \approx 19'14	
	-1591 Apr 12 j 12:06	0° \approx		desc. node	-1590 Feb 16 j 10:18	17° \approx 21'40	
asc. node	-1591 Apr 17 j 18:15	11° \approx 16'57		morning max el	-1590 Feb 22 j 02:34	22° \approx 07'45	27°43'55
max. Earth dist.	-1591 Apr 18 j 14:33	13° \approx 08'03	1.32427 AU		-1590 Mar 01 j 01:22	0° \approx	
					-1590 Mar 20 j 06:06	0° \approx	
superior conj	-1591 Apr 19 j 01:55	14° \approx 10'17	0°13'54	morning set	-1590 Mar 27 j 03:48	13° \approx 26'06	
minimum elong	-1591 Apr 19 j 01:17	14° \approx 06'52	0°13'46	max. Earth dist.	-1590 Apr 02 j 01:24	25° \approx 52'37	1.32649 AU
behind sun begin	-1591 Apr 18 j 22:49	13° \approx 53'20					
behind sun end	-1591 Apr 19 j 03:46	14° \approx 20'24		superior conj	-1590 Apr 03 j 12:26	29° \approx 02'38	-0°11'48
evening rise	-1591 Apr 26 j 00:11	29° \approx 10'12		minimum elong	-1590 Apr 03 j 12:58	29° \approx 05'36	0°11'41
	-1591 Apr 26 j 09:40	0° \approx		behind sun begin	-1590 Apr 03 j 09:30	28° \approx 46'42	
	-1591 May 13 j 02:36	0° \approx		behind sun end	-1590 Apr 03 j 16:27	29° \approx 24'31	
evening max el	-1591 May 24 j 04:55	13° \approx 32'54	25°57'02		-1590 Apr 03 j 22:58	0° \approx	
desc. node	-1591 May 28 j 12:23	17° \approx 09'12		asc. node	-1590 Apr 04 j 15:17	1° \approx 28'51	
retrograde	-1591 Jun 07 j 06:42	20° \approx 47'22		evening rise	-1590 Apr 10 j 11:37	14° \approx 06'21	
evening set	-1591 Jun 13 j 07:43	19° \approx 18'43			-1590 Apr 18 j 12:18	0° \approx	
min. Earth dist.	-1591 Jun 17 j 17:30	16° \approx 37'47	0.58834 AU	evening max el	-1590 May 05 j 21:34	24° \approx 28'33	24°33'43
inferior conj	-1591 Jun 21 j 01:26	14° \approx 09'35	-4°34'00		-1590 May 13 j 12:24	0° \approx	
minimum elong	-1591 Jun 21 j 00:35	14° \approx 11'10	4°33'56	desc. node	-1590 May 15 j 09:26	0° \approx 45'48	
morning rise	-1591 Jun 28 j 19:58	9° \approx 44'04		retrograde	-1590 May 19 j 20:25	1° \approx 31'24	
direct	-1591 Jul 01 j 08:14	9° \approx 23'06		evening set	-1590 May 24 j 14:15	0° \approx 40'42	
morning max el	-1591 Jul 09 j 08:23	13° \approx 11'14	18°34'22		-1590 May 26 j 06:43	30° \approx	
asc. node	-1591 Jul 14 j 17:32	19° \approx 46'14		min. Earth dist.	-1590 May 30 j 09:20	27° \approx 43'56	0.56958 AU
	-1591 Jul 20 j 19:44	0° \approx		inferior conj	-1590 Jun 02 j 04:29	25° \approx 55'38	-4°07'20
morning set	-1591 Jul 25 j 14:08	9° \approx 01'57		minimum elong	-1590 Jun 01 j 23:27	26° \approx 03'49	4°06'32
				morning rise	-1590 Jun 10 j 11:34	21° \approx 49'26	
superior conj	-1591 Aug 03 j 12:00	26° \approx 06'14	1°46'05	direct	-1590 Jun 13 j 00:54	21° \approx 31'19	
minimum elong	-1591 Aug 03 j 13:31	26° \approx 13'17	1°46'02	morning max el	-1590 Jun 22 j 07:54	25° \approx 50'29	19°24'58
	-1591 Aug 05 j 14:30	0° \approx			-1590 Jun 26 j 01:52	0° \approx	
max. Earth dist.	-1591 Aug 10 j 17:51	9° \approx 12'36	1.39799 AU	asc. node	-1590 Jul 01 j 14:35	8° \approx 18'58	
evening rise	-1591 Aug 14 j 23:21	16° \approx 12'35		morning set	-1590 Jul 09 j 13:47	23° \approx 19'01	
	-1591 Aug 23 j 08:10	0° \approx			-1590 Jul 12 j 21:47	0° \approx	
desc. node	-1591 Aug 24 j 11:45	1° \approx 47'00					
	-1591 Sep 13 j 17:31	0° \approx		superior conj	-1590 Jul 17 j 17:08	9° \approx 33'00	1°47'39
evening max el	-1591 Sep 19 j 00:23	5° \approx 50'59	23°49'22	minimum elong	-1590 Jul 17 j 16:35	9° \approx 30'20	1°47'40
retrograde	-1591 Sep 29 j 19:19	12° \approx 12'33		max. Earth dist.	-1590 Jul 23 j 20:23	21° \approx 13'53	1.37827 AU
evening set	-1591 Oct 04 j 23:27	10° \approx 02'32		evening rise	-1590 Jul 27 j 16:08	28° \approx 08'28	
inferior conj	-1591 Oct 10 j 07:59	3° \approx 41'43	-0°07'31		-1590 Jul 28 j 17:29	0° \approx	
minimum elong	-1591 Oct 10 j 08:10	3° \approx 41'07	0°07'26	desc. node	-1590 Aug 11 j 08:47	22° \approx 09'12	
transit middle	-1591 Oct 10 j 08:10	3° \approx 41'07	0°07'26		-1590 Aug 16 j 17:47	0° \approx	
transit begin	-1591 Oct 10 j 05:45	3° \approx 49'21		evening max el	-1590 Sep 01 j 11:51	19° \approx 24'48	25°06'54
transit end	-1591 Oct 10 j 10:35	3° \approx 32'53		retrograde	-1590 Sep 13 j 07:16	26° \approx 15'23	
min. Earth dist.	-1591 Oct 09 j 19:54	4° \approx 22'52	0.67482 AU	evening set	-1590 Sep 19 j 02:16	23° \approx 48'02	
asc. node	-1591 Oct 10 j 16:42	3° \approx 12'04		min. Earth dist.	-1590 Sep 23 j 14:07	18° \approx 43'31	0.67093 AU
	-1591 Oct 13 j 04:38	30° \approx		inferior conj	-1590 Sep 24 j 12:50	17° \approx 28'59	-1°02'18
morning rise	-1591 Oct 15 j 16:49	27° \approx 33'32		minimum elong	-1590 Sep 24 j 14:22	17° \approx 23'58	1°01'39
direct	-1591 Oct 19 j 16:43	26° \approx 03'13		asc. node	-1590 Sep 27 j 13:46	13° \approx 44'15	
	-1591 Oct 27 j 01:41	0° \approx		morning rise	-1590 Sep 30 j 02:32	11° \approx 28'05	
morning max el	-1591 Oct 27 j 23:46	0° \approx 54'09	20°53'34	direct	-1590 Oct 03 j 14:48	10° \approx 16'44	
	-1591 Nov 18 j 08:32	0° \approx		morning max el	-1590 Oct 11 j 01:16	14° \approx 32'39	19°45'56
desc. node	-1591 Nov 20 j 11:08	3° \approx 11'51			-1590 Oct 22 j 19:14	0° \approx	
morning set	-1591 Nov 26 j 12:50	12° \approx 33'20		morning set	-1590 Nov 05 j 10:28	20° \approx 46'25	
max. Earth dist.	-1591 Dec 05 j 04:18	26° \approx 18'31	1.42823 AU	desc. node	-1590 Nov 07 j 08:11	23° \approx 43'39	
	-1591 Dec 07 j 10:30	0° \approx			-1590 Nov 11 j 08:44	0° \approx	
				max. Earth dist.	-1590 Nov 17 j 16:23	9° \approx 57'53	1.44182 AU
superior conj	-1591 Dec 12 j 00:19	7° \approx 37'25	-1°51'35				
minimum elong	-1591 Dec 11 j 19:55	7° \approx 18'50	1°51'22	superior conj	-1590 Nov 22 j 03:18	17° \approx 06'01	-1°26'38
evening rise	-1591 Dec 23 j 19:30	28° \approx 10'59		minimum elong	-1590 Nov 21 j 19:36	16° \approx 34'57	1°25'54
	-1591 Dec 24 j 19:57	0° \approx			-1590 Nov 30 j 00:16	0° \approx	
asc. node	-1590 Jan 06 j 15:57	21° \approx 13'35		evening rise	-1590 Dec 05 j 19:34	9° \approx 45'17	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1590 Dec 18 j 00:56	0°♂		evening rise	-1589 Nov 16 j 20:43	20°♂20'24	
evening max el	-1590 Dec 24 j 07:33	8°♂11'39	18°18'21		-1589 Nov 22 j 20:05	0°♂	
asc. node	-1590 Dec 24 j 13:00	8°♂25'19		evening max el	-1589 Dec 07 j 18:57	21°♂35'48	18°46'57
retrograde	-1590 Dec 30 j 19:53	11°♂43'22		asc. node	-1589 Dec 11 j 10:03	24°♂30'57	
evening set	-1589 Jan 02 j 17:47	10°♂58'14		retrograde	-1589 Dec 14 j 12:56	25°♂23'50	
inferior conj	-1589 Jan 08 j 19:49	5°♂34'00	3°45'59	evening set	-1589 Dec 17 j 16:12	24°♂27'44	
minimum elong	-1589 Jan 08 j 17:54	5°♂39'20	3°45'44	inferior conj	-1589 Dec 23 j 10:52	18°♂45'55	3°21'30
min. Earth dist.	-1589 Jan 11 j 04:41	2°♂56'04	0.63647 AU	minimum elong	-1589 Dec 23 j 08:05	18°♂54'24	3°20'53
	-1589 Jan 14 j 04:26	30°♂♂		min. Earth dist.	-1589 Dec 25 j 04:32	16°♂39'04	0.65150 AU
morning rise	-1589 Jan 14 j 17:25	29°♂33'07		morning rise	-1589 Dec 28 j 23:39	12°♂38'19	
direct	-1589 Jan 21 j 17:20	26°♂45'13		direct	-1588 Jan 04 j 16:00	9°♂46'41	
	-1589 Jan 30 j 03:07	0°♂		morning max el	-1588 Jan 17 j 19:51	17°♂25'46	26°56'44
desc. node	-1589 Feb 03 j 07:22	3°♂28'08		desc. node	-1588 Jan 21 j 04:25	21°♂00'57	
morning max el	-1589 Feb 04 j 10:11	4°♂32'59	27°36'46		-1588 Jan 28 j 09:23	0°♂	
	-1589 Feb 23 j 15:48	0°♂			-1588 Feb 16 j 12:35	0°♂	
morning set	-1589 Mar 11 j 01:45	27°♂36'12		morning set	-1588 Feb 22 j 13:42	11°♂11'31	
	-1589 Mar 12 j 06:27	0°♂		max. Earth dist.	-1588 Feb 27 j 01:20	20°♂02'04	1.34310 AU
max. Earth dist.	-1589 Mar 16 j 06:14	8°♂14'06	1.33266 AU				
				superior conj	-1588 Mar 01 j 22:29	28°♂00'52	-1°03'25
superior conj	-1589 Mar 18 j 19:59	13°♂41'53	-0°37'56	minimum elong	-1588 Mar 02 j 01:20	28°♂15'46	1°02'54
minimum elong	-1589 Mar 18 j 21:45	13°♂51'20	0°37'35		-1588 Mar 02 j 21:16	0°♂	
asc. node	-1589 Mar 22 j 12:20	21°♂36'47		asc. node	-1588 Mar 08 j 09:22	11°♂35'59	
evening rise	-1589 Mar 25 j 23:15	28°♂58'48		evening rise	-1588 Mar 09 j 09:14	13°♂40'33	
	-1589 Mar 26 j 10:55	0°♂			-1588 Mar 17 j 19:08	0°♂	
	-1589 Apr 12 j 22:15	0°♂		evening max el	-1588 Mar 29 j 10:00	15°♂55'11	21°27'51
evening max el	-1589 Apr 17 j 13:04	5°♂06'33	22°59'12	retrograde	-1588 Apr 10 j 12:09	21°♂46'42	
retrograde	-1589 Apr 30 j 21:08	11°♂42'28		evening set	-1588 Apr 12 j 23:02	21°♂32'59	
desc. node	-1589 May 02 j 06:28	11°♂38'11		desc. node	-1588 Apr 18 j 03:29	19°♂45'50	
evening set	-1589 May 04 j 06:04	11°♂17'36		inferior conj	-1588 Apr 22 j 07:54	17°♂31'59	-1°10'44
min. Earth dist.	-1589 May 11 j 22:40	7°♂53'11	0.55604 AU	minimum elong	-1588 Apr 22 j 04:35	17°♂36'38	1°09'33
inferior conj	-1589 May 13 j 12:14	6°♂58'48	-2°57'52	min. Earth dist.	-1588 Apr 22 j 11:50	17°♂26'28	0.55058 AU
minimum elong	-1589 May 13 j 05:32	7°♂08'31	2°56'00	morning rise	-1588 May 01 j 10:39	13°♂31'15	
morning rise	-1589 May 22 j 07:24	3°♂03'28		direct	-1588 May 04 j 10:46	13°♂11'32	
direct	-1589 May 24 j 23:26	2°♂46'31		morning max el	-1588 May 16 j 23:08	19°♂07'58	22°04'59
morning max el	-1589 Jun 04 j 20:55	7°♂50'11	20°36'05		-1588 May 25 j 19:21	0°♂	
asc. node	-1589 Jun 18 j 11:38	27°♂25'46		asc. node	-1588 Jun 04 j 08:41	16°♂58'04	
	-1589 Jun 19 j 20:02	0°♂		morning set	-1588 Jun 07 j 05:11	22°♂47'46	
morning set	-1589 Jun 23 j 19:32	7°♂56'22			-1588 Jun 10 j 15:20	0°♂	
superior conj	-1589 Jul 01 j 10:14	23°♂37'18	1°41'17	superior conj	-1588 Jun 14 j 11:41	8°♂08'24	1°28'52
minimum elong	-1589 Jul 01 j 08:21	23°♂27'44	1°41'11	minimum elong	-1588 Jun 14 j 09:11	7°♂55'17	1°28'37
	-1589 Jul 04 j 14:23	0°♂		max. Earth dist.	-1588 Jun 17 j 19:27	15°♂02'30	1.34583 AU
max. Earth dist.	-1589 Jul 06 j 03:33	3°♂02'41	1.36042 AU	evening rise	-1588 Jun 22 j 12:22	24°♂25'31	
evening rise	-1589 Jul 10 j 06:09	10°♂52'16			-1588 Jun 25 j 10:43	0°♂	
	-1589 Jul 21 j 06:40	0°♂			-1588 Jul 13 j 19:08	0°♂	
desc. node	-1589 Jul 29 j 05:48	12°♂12'52		desc. node	-1588 Jul 15 j 02:47	1°♂49'59	
	-1589 Aug 12 j 01:40	0°♂		evening max el	-1588 Jul 27 j 10:51	16°♂28'00	27°01'51
evening max el	-1589 Aug 14 j 23:14	2°♂59'31	26°13'40	retrograde	-1588 Aug 09 j 16:14	23°♂47'20	
retrograde	-1589 Aug 27 j 14:19	10°♂09'06		evening set	-1588 Aug 16 j 13:31	21°♂00'17	
evening set	-1589 Sep 02 j 23:44	7°♂28'12		min. Earth dist.	-1588 Aug 20 j 10:05	17°♂10'49	0.65287 AU
min. Earth dist.	-1589 Sep 07 j 03:36	3°♂01'02	0.66371 AU	inferior conj	-1588 Aug 22 j 09:22	14°♂55'20	-2°48'48
inferior conj	-1589 Sep 08 j 13:59	1°♂14'32	-1°56'45	minimum elong	-1588 Aug 22 j 13:17	14°♂44'06	2°47'30
minimum elong	-1589 Sep 08 j 16:50	1°♂05'43	1°55'39	morning rise	-1588 Aug 28 j 13:37	9°♂18'34	
	-1589 Sep 09 j 14:17	30°♂♂		direct	-1588 Aug 31 j 09:19	8°♂35'16	
morning rise	-1589 Sep 14 j 10:12	25°♂24'06		asc. node	-1588 Aug 31 j 07:53	8°♂35'17	
asc. node	-1589 Sep 14 j 10:49	25°♂23'11		morning max el	-1588 Sep 06 j 22:45	12°♂09'12	18°16'29
direct	-1589 Sep 17 j 13:01	24°♂28'30			-1588 Sep 19 j 10:49	0°♂	
morning max el	-1589 Sep 24 j 09:35	28°♂18'51	18°53'04	morning set	-1588 Sep 25 j 18:19	10°♂22'45	
	-1589 Sep 25 j 22:48	0°♂			-1588 Oct 07 j 20:36	0°♂	
morning set	-1589 Oct 16 j 00:33	29°♂53'28					
	-1589 Oct 16 j 02:12	0°♂		superior conj	-1588 Oct 10 j 09:33	4°♂02'17	0°04'32
desc. node	-1589 Oct 25 j 05:12	14°♂23'30		minimum elong	-1588 Oct 10 j 10:08	4°♂04'35	0°04'26
max. Earth dist.	-1589 Oct 31 j 09:41	24°♂07'29	1.44878 AU	behind sun begin	-1588 Oct 09 j 23:25	3°♂22'06	
				behind sun end	-1588 Oct 10 j 20:50	4°♂47'00	
superior conj	-1589 Nov 01 j 08:10	25°♂36'03	-0°45'01	desc. node	-1588 Oct 11 j 02:12	5°♂08'17	
minimum elong	-1589 Nov 01 j 02:27	25°♂13'32	0°44'19	max. Earth dist.	-1588 Oct 13 j 04:17	8°♂26'05	1.44842 AU
	-1589 Nov 04 j 03:04	0°♂		evening rise	-1588 Oct 26 j 21:57	29°♂56'25	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1588 Oct 26 j 22:52	0°♌		minimum elong	-1587 Sep 20 j 09:34	13°♎43'24	0°48'44
greatest brilliancy	-1588 Nov 07 j 14:18	18°♌02'01	-0.7m	max. Earth dist.	-1587 Sep 25 j 20:55	22°♎34'25	1.44092 AU
	-1588 Nov 15 j 21:13	0°♏		desc. node	-1587 Sep 27 j 23:12	25°♎54'24	
evening max el	-1588 Nov 20 j 02:52	5°♏02'29	19°32'21		-1587 Sep 30 j 13:30	0°♐	
retrograde	-1588 Nov 27 j 09:32	9°♏15'45		evening rise	-1587 Oct 06 j 06:06	8°♐51'14	
asc. node	-1588 Nov 27 j 07:05	9°♏15'42			-1587 Oct 20 j 05:49	0°♌	
evening set	-1588 Nov 30 j 19:50	8°♏06'56		evening max el	-1587 Nov 03 j 05:38	18°♌29'41	20°32'34
inferior conj	-1588 Dec 06 j 09:19	2°♏10'31	2°46'27	retrograde	-1587 Nov 11 j 07:04	23°♌15'10	
minimum elong	-1588 Dec 06 j 06:24	2°♏20'01	2°45'33	asc. node	-1587 Nov 14 j 04:08	22°♌27'39	
min. Earth dist.	-1588 Dec 07 j 13:01	0°♏40'25	0.66275 AU	evening set	-1587 Nov 15 j 02:30	21°♌51'27	
	-1588 Dec 08 j 01:38	30°♏♌		inferior conj	-1587 Nov 20 j 12:37	15°♌43'50	2°03'44
morning rise	-1588 Dec 11 j 16:45	25°♌58'34		minimum elong	-1587 Nov 20 j 10:08	15°♌52'17	2°02'49
direct	-1588 Dec 17 j 20:44	23°♌15'24		min. Earth dist.	-1587 Nov 21 j 03:57	14°♌51'50	0.67034 AU
	-1588 Dec 29 j 15:35	0°♏		morning rise	-1587 Nov 25 j 17:33	9°♌29'48	
morning max el	-1588 Dec 30 j 05:15	0°♏33'51	25°51'14	direct	-1587 Dec 01 j 06:52	7°♌03'34	
desc. node	-1587 Jan 07 j 01:29	9°♏35'02		morning max el	-1587 Dec 12 j 13:42	13°♌47'29	24°29'52
	-1587 Jan 21 j 08:41	0°♐		desc. node	-1587 Dec 24 j 22:33	28°♌52'17	
morning set	-1587 Feb 04 j 11:21	23°♐59'31			-1587 Dec 25 j 18:11	0°♏	
	-1587 Feb 07 j 16:20	0°♑			-1586 Jan 14 j 05:04	0°♐	
max. Earth dist.	-1587 Feb 08 j 08:31	1°♑17'22	1.35800 AU	morning set	-1586 Jan 17 j 13:01	5°♐44'09	
				max. Earth dist.	-1586 Jan 21 j 06:01	12°♐20'43	1.37681 AU
superior conj	-1587 Feb 13 j 17:26	11°♑52'19	-1°26'40				
minimum elong	-1587 Feb 13 j 20:57	12°♑10'03	1°26'12	superior conj	-1586 Jan 28 j 01:34	25°♐07'21	-1°45'35
evening rise	-1587 Feb 21 j 15:38	28°♑05'30		minimum elong	-1586 Jan 28 j 04:53	25°♐23'23	1°45'20
	-1587 Feb 22 j 14:10	0°♒			-1586 Jan 30 j 13:37	0°♑	
asc. node	-1587 Feb 23 j 06:24	1°♒21'50		evening rise	-1586 Feb 05 j 16:08	12°♑07'07	
evening max el	-1587 Mar 11 j 17:10	27°♒16'00	20°09'50	asc. node	-1586 Feb 10 j 03:26	20°♑49'03	
	-1587 Mar 15 j 02:55	0°♓			-1586 Feb 15 j 08:34	0°♒	
retrograde	-1587 Mar 22 j 03:14	2°♓14'45		evening max el	-1586 Feb 22 j 11:21	9°♒15'12	19°10'09
evening set	-1587 Mar 24 j 07:25	2°♓02'40		retrograde	-1586 Mar 03 j 06:22	13°♒28'01	
	-1587 Mar 29 j 19:41	30°♒♒		evening set	-1586 Mar 05 j 13:13	13°♒12'12	
inferior conj	-1587 Apr 02 j 05:15	28°♒03'35	0°47'07	inferior conj	-1586 Mar 13 j 17:14	9°♒00'58	2°23'43
minimum elong	-1587 Apr 02 j 07:19	28°♒00'29	0°46'24	minimum elong	-1586 Mar 13 j 21:50	8°♒53'07	2°22'26
min. Earth dist.	-1587 Apr 04 j 01:59	26°♒56'44	0.55465 AU	min. Earth dist.	-1586 Mar 16 j 17:29	6°♒58'33	0.56733 AU
desc. node	-1587 Apr 05 j 00:33	26°♒23'55		morning rise	-1586 Mar 22 j 03:32	4°♒04'16	
morning rise	-1587 Apr 11 j 05:19	23°♒38'43		desc. node	-1586 Mar 22 j 21:38	3°♒48'21	
direct	-1587 Apr 15 j 00:36	23°♒07'01		direct	-1586 Mar 27 j 02:46	3°♒06'41	
morning max el	-1587 Apr 28 j 17:04	29°♒52'17	23°44'16	morning max el	-1586 Apr 10 j 07:53	10°♒25'00	25°21'24
	-1587 Apr 28 j 20:19	0°♓			-1586 Apr 25 j 04:02	0°♓	
	-1587 May 18 j 21:31	0°♈		morning set	-1586 May 07 j 04:51	22°♓47'03	
asc. node	-1587 May 22 j 05:43	6°♈48'21		asc. node	-1586 May 09 j 02:46	26°♓51'06	
morning set	-1587 May 22 j 16:50	7°♈46'32			-1586 May 10 j 13:47	0°♈	
superior conj	-1587 May 29 j 18:37	22°♈56'38	1°11'51	superior conj	-1586 May 14 j 04:53	7°♈54'37	0°51'19
minimum elong	-1587 May 29 j 16:07	22°♈43'08	1°11'29	minimum elong	-1586 May 14 j 02:50	7°♈43'28	0°50'57
max. Earth dist.	-1587 May 31 j 20:43	27°♈24'28	1.33506 AU	max. Earth dist.	-1586 May 15 j 05:26	10°♈08'18	1.32813 AU
	-1587 Jun 02 j 02:09	0°♉		evening rise	-1586 May 21 j 08:19	23°♈08'30	
evening rise	-1587 Jun 06 j 06:15	8°♉34'34			-1586 May 24 j 18:17	0°♉	
	-1587 Jun 17 j 21:15	0°♊			-1586 Jun 11 j 17:30	0°♊	
desc. node	-1587 Jul 01 j 23:47	20°♊48'43		desc. node	-1586 Jun 18 j 20:48	8°♊52'43	
evening max el	-1587 Jul 09 j 21:36	29°♊38'58	27°24'25	evening max el	-1586 Jun 22 j 05:26	12°♊20'21	27°15'58
	-1587 Jul 10 j 06:28	0°♋		retrograde	-1586 Jul 06 j 02:23	19°♊39'59	
retrograde	-1587 Jul 23 j 12:34	7°♋00'42		evening set	-1586 Jul 13 j 05:00	17°♊17'13	
evening set	-1587 Jul 30 j 16:33	4°♋18'51		min. Earth dist.	-1586 Jul 16 j 19:18	14°♊27'22	0.62039 AU
min. Earth dist.	-1587 Aug 03 j 07:40	1°♋03'40	0.63830 AU	inferior conj	-1586 Jul 19 j 20:18	11°♊38'53	-4°12'45
	-1587 Aug 04 j 08:27	30°♋♋		minimum elong	-1586 Jul 19 j 24:00	11°♊30'18	4°12'07
inferior conj	-1587 Aug 05 j 20:28	28°♋25'42	-3°35'36	morning rise	-1586 Jul 26 j 20:24	6°♋38'23	
minimum elong	-1587 Aug 06 j 00:51	28°♋14'18	3°34'27	direct	-1586 Jul 29 j 08:58	6°♋10'35	
morning rise	-1587 Aug 12 j 10:05	23°♋05'38		morning max el	-1586 Aug 05 j 04:43	9°♋37'00	17°56'11
direct	-1587 Aug 15 j 01:03	22°♋31'25		asc. node	-1586 Aug 05 j 02:00	9°♋30'24	
asc. node	-1587 Aug 18 j 04:56	23°♋21'28			-1586 Aug 18 j 14:34	0°♌	
morning max el	-1587 Aug 21 j 14:04	25°♋57'22	17°57'10	morning set	-1586 Aug 21 j 07:19	4°♌52'17	
	-1587 Aug 25 j 00:11	0°♌					
morning set	-1587 Sep 07 j 14:26	22°♌07'36		superior conj	-1586 Sep 01 j 03:11	24°♌05'43	1°21'48
	-1587 Sep 12 j 04:30	0°♍		minimum elong	-1586 Sep 01 j 08:09	24°♌27'03	1°21'19
					-1586 Sep 04 j 14:30	0°♍	
superior conj	-1587 Sep 20 j 04:43	13°♍23'32	0°49'20	max. Earth dist.	-1586 Sep 08 j 09:30	6°♍17'35	1.42734 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

desc. node	-1586 Sep 14 j 20:11	16° \cap 38'54		max. Earth dist.	-1585 Aug 21 j 16:56	19° Ω 22'57	1.40938 AU
evening rise	-1586 Sep 15 j 14:11	17° \cap 49'42		evening rise	-1585 Aug 26 j 15:41	27° Ω 38'00	
	-1586 Sep 23 j 12:10	0° $\underline{\Omega}$			-1585 Aug 28 j 02:39	0° \cap	
	-1586 Oct 15 j 06:47	0° \cap		desc. node	-1585 Sep 01 j 17:12	7° \cap 18'30	
evening max el	-1586 Oct 17 j 02:32	1° \cap 57'07	21°44'19		-1585 Sep 17 j 03:58	0° $\underline{\Omega}$	
retrograde	-1586 Oct 26 j 03:31	7° \cap 19'28		evening max el	-1585 Sep 29 j 18:10	15° $\underline{\Omega}$ 26'07	23°03'06
evening set	-1586 Oct 30 j 10:18	5° \cap 38'37		retrograde	-1585 Oct 09 j 21:28	21° $\underline{\Omega}$ 26'32	
asc. node	-1586 Nov 01 j 01:12	4° \cap 07'37		evening set	-1585 Oct 14 j 17:31	19° $\underline{\Omega}$ 27'06	
	-1586 Nov 04 j 07:58	30° \cap $\underline{\Omega}$		asc. node	-1585 Oct 18 j 22:15	14° $\underline{\Omega}$ 40'46	
inferior conj	-1586 Nov 04 j 18:39	29° $\underline{\Omega}$ 23'09	1°15'30	inferior conj	-1585 Oct 20 j 01:34	13° $\underline{\Omega}$ 07'17	0°23'31
minimum elong	-1586 Nov 04 j 16:59	29° $\underline{\Omega}$ 28'54	1°14'49	minimum elong	-1585 Oct 20 j 01:01	13° $\underline{\Omega}$ 09'11	0°23'17
min. Earth dist.	-1586 Nov 04 j 22:52	29° $\underline{\Omega}$ 08'34	0.67459 AU	min. Earth dist.	-1585 Oct 19 j 19:22	13° $\underline{\Omega}$ 28'38	0.67566 AU
morning rise	-1586 Nov 09 j 23:30	23° $\underline{\Omega}$ 09'32		morning rise	-1585 Oct 25 j 08:26	6° $\underline{\Omega}$ 56'32	
direct	-1586 Nov 14 j 21:36	21° $\underline{\Omega}$ 04'40		direct	-1585 Oct 29 j 16:01	5° $\underline{\Omega}$ 14'04	
morning max el	-1586 Nov 24 j 23:11	27° $\underline{\Omega}$ 04'11	23°02'33	morning max el	-1585 Nov 07 j 13:20	10° $\underline{\Omega}$ 28'08	21°38'12
	-1586 Nov 27 j 16:28	0° \cap			-1585 Nov 22 j 16:44	0° \cap	
desc. node	-1586 Dec 11 j 19:34	18° \cap 39'51		desc. node	-1585 Nov 28 j 16:36	8° \cap 49'29	
	-1586 Dec 19 j 09:55	0° \nearrow		morning set	-1585 Dec 09 j 06:43	25° \cap 09'27	
morning set	-1586 Dec 29 j 12:20	16° \nearrow 08'06			-1585 Dec 12 j 07:18	0° \nearrow	
max. Earth dist.	-1585 Jan 03 j 01:15	23° \nearrow 48'53	1.39780 AU	max. Earth dist.	-1585 Dec 16 j 01:54	6° \nearrow 10'19	1.41808 AU
	-1585 Jan 06 j 14:04	0° $\overline{\Sigma}$					
				superior conj	-1585 Dec 23 j 14:47	18° \nearrow 57'50	-1°57'56
superior conj	-1585 Jan 10 j 18:27	7° $\overline{\Sigma}$ 33'28	-1°57'18	minimum elong	-1585 Dec 23 j 12:58	18° \nearrow 49'55	1°57'55
minimum elong	-1585 Jan 10 j 20:08	7° $\overline{\Sigma}$ 41'09	1°57'17		-1585 Dec 29 j 19:56	0° $\overline{\Sigma}$	
evening rise	-1585 Jan 20 j 07:55	25° $\overline{\Sigma}$ 37'17		evening rise	-1584 Jan 03 j 11:35	8° $\overline{\Sigma}$ 28'58	
	-1585 Jan 22 j 15:03	0° \approx		asc. node	-1584 Jan 14 j 21:33	28° $\overline{\Sigma}$ 17'10	
asc. node	-1585 Jan 28 j 00:30	9° \approx 50'12			-1584 Jan 16 j 01:58	0° \approx	
evening max el	-1585 Feb 05 j 14:21	21° \approx 46'13	18°30'16	evening max el	-1584 Jan 19 j 23:19	4° \approx 41'04	18°10'21
retrograde	-1585 Feb 13 j 04:05	25° \approx 28'44		retrograde	-1584 Jan 26 j 19:27	8° \approx 09'18	
evening set	-1585 Feb 15 j 15:31	25° \approx 06'14		evening set	-1584 Jan 29 j 10:53	7° \approx 38'48	
inferior conj	-1585 Feb 23 j 01:36	20° \approx 35'15	3°24'40	inferior conj	-1584 Feb 05 j 05:56	2° \approx 46'16	3°52'01
minimum elong	-1585 Feb 23 j 05:12	20° \approx 28'05	3°24'02	minimum elong	-1584 Feb 05 j 07:06	2° \approx 43'34	3°51'56
min. Earth dist.	-1585 Feb 26 j 11:36	17° \approx 53'29	0.58575 AU		-1584 Feb 08 j 06:18	30° \cap $\overline{\Sigma}$	
morning rise	-1585 Mar 02 j 16:26	15° \approx 11'03		min. Earth dist.	-1584 Feb 08 j 11:32	29° $\overline{\Sigma}$ 48'27	0.60636 AU
direct	-1585 Mar 08 j 17:57	13° \approx 36'52		morning rise	-1584 Feb 12 j 01:42	27° $\overline{\Sigma}$ 02'38	
desc. node	-1585 Mar 09 j 18:42	13° \approx 39'34		direct	-1584 Feb 18 j 20:17	24° $\overline{\Sigma}$ 51'19	
morning max el	-1585 Mar 23 j 01:19	21° \approx 12'42	26°41'28	desc. node	-1584 Feb 24 j 15:47	26° $\overline{\Sigma}$ 19'15	
	-1585 Mar 30 j 16:47	0° \times			-1584 Mar 01 j 04:04	0° \approx	
	-1585 Apr 17 j 20:42	0° Υ		morning max el	-1584 Mar 04 j 00:56	2° \approx 36'34	27°31'35
morning set	-1585 Apr 21 j 15:32	7° Υ 42'33			-1584 Mar 24 j 01:37	0° \times	
asc. node	-1585 Apr 25 j 23:49	17° Υ 00'42		morning set	-1584 Apr 04 j 23:03	22° \times 26'39	
					-1584 Apr 08 j 13:04	0° Υ	
superior conj	-1585 Apr 28 j 16:33	22° Υ 54'55	0°28'09	max. Earth dist.	-1584 Apr 11 j 06:53	5° Υ 56'32	1.32483 AU
minimum elong	-1585 Apr 28 j 15:20	22° Υ 48'14	0°27'53	asc. node	-1584 Apr 11 j 20:53	7° Υ 12'55	
max. Earth dist.	-1585 Apr 28 j 18:06	23° Υ 03'20	1.32475 AU				
	-1585 May 01 j 22:21	0° $\overline{\Sigma}$		superior conj	-1584 Apr 12 j 03:58	7° Υ 51'40	0°03'08
evening rise	-1585 May 05 j 15:44	7° $\overline{\Sigma}$ 57'03		minimum elong	-1584 Apr 12 j 03:49	7° Υ 50'52	0°03'06
	-1585 May 17 j 05:45	0° \cap		behind sun begin	-1584 Apr 11 j 22:52	7° Υ 23'46	
evening max el	-1585 Jun 04 j 07:46	24° \cap 20'31	26°34'32	behind sun end	-1584 Apr 12 j 08:47	8° Υ 18'00	
desc. node	-1585 Jun 05 j 17:51	25° \cap 38'38		evening rise	-1584 Apr 19 j 02:16	22° Υ 52'20	
	-1585 Jun 12 j 00:25	0° $\overline{\Sigma}$			-1584 Apr 22 j 13:19	0° $\overline{\Sigma}$	
retrograde	-1585 Jun 18 j 08:10	1° $\overline{\Sigma}$ 36'38			-1584 May 11 j 00:02	0° \cap	
	-1585 Jun 24 j 11:48	30° \cap \cap		evening max el	-1584 May 16 j 03:17	5° \cap 36'16	25°23'43
evening set	-1585 Jun 24 j 22:23	29° \cap 45'56		desc. node	-1584 May 22 j 14:55	10° \cap 35'09	
min. Earth dist.	-1585 Jun 28 j 21:04	27° \cap 06'55	0.60022 AU	retrograde	-1584 May 30 j 04:21	12° \cap 46'45	
inferior conj	-1585 Jul 02 j 05:17	24° \cap 25'30	-4°33'24	evening set	-1584 Jun 04 j 17:25	11° \cap 34'47	
minimum elong	-1585 Jul 02 j 06:36	24° \cap 22'49	4°33'18	min. Earth dist.	-1584 Jun 09 j 15:12	8° \cap 49'04	0.58001 AU
morning rise	-1585 Jul 09 j 16:49	19° \cap 46'57		inferior conj	-1584 Jun 12 j 19:53	6° \cap 35'34	-4°27'27
direct	-1585 Jul 12 j 05:00	19° \cap 23'41		minimum elong	-1584 Jun 12 j 17:12	6° \cap 40'17	4°27'13
morning max el	-1585 Jul 19 j 15:47	23° \cap 00'16	18°14'38	morning rise	-1584 Jun 20 j 19:43	2° \cap 19'06	
asc. node	-1585 Jul 22 j 23:04	26° \cap 46'24		direct	-1584 Jun 23 j 08:34	1° \cap 59'21	
	-1585 Jul 25 j 05:46	0° $\overline{\Sigma}$		morning max el	-1584 Jul 01 j 20:20	5° \cap 58'26	18°53'23
morning set	-1585 Aug 04 j 15:27	18° $\overline{\Sigma}$ 21'51		asc. node	-1584 Jul 08 j 20:08	14° \cap 54'44	
	-1585 Aug 10 j 19:54	0° Ω			-1584 Jul 17 j 04:52	0° $\overline{\Sigma}$	
				morning set	-1584 Jul 18 j 10:23	2° $\overline{\Sigma}$ 24'05	
superior conj	-1585 Aug 14 j 03:20	6° Ω 04'39	1°40'40				
minimum elong	-1585 Aug 14 j 06:14	6° Ω 17'45	1°40'31	superior conj	-1584 Jul 26 j 23:30	19° $\overline{\Sigma}$ 04'11	1°47'51




































































































































Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1584 Jul 27 j 00:03	19° \mathfrak{C} 06'51	1°47'52	minimum elong	-1583 Jul 10 j 09:06	2° \mathfrak{C} 43'23	1°45'47
	-1584 Aug 01 j 20:44	0° \mathfrak{Q}		max. Earth dist.	-1583 Jul 15 j 23:31	13° \mathfrak{C} 36'33	1.37031 AU
max. Earth dist.	-1584 Aug 02 j 20:00	1° \mathfrak{Q} 44'29	1.38948 AU	evening rise	-1583 Jul 19 j 20:40	20° \mathfrak{C} 47'08	
evening rise	-1584 Aug 06 j 18:11	8° \mathfrak{Q} 37'14			-1583 Jul 25 j 02:47	0° \mathfrak{Q}	
desc. node	-1584 Aug 18 j 14:14	27° \mathfrak{Q} 48'32		desc. node	-1583 Aug 05 j 11:15	18° \mathfrak{Q} 04'02	
	-1584 Aug 20 j 00:51	0° \mathfrak{P}			-1583 Aug 13 j 23:27	0° \mathfrak{P}	
evening max el	-1584 Sep 11 j 06:16	28° \mathfrak{P} 57'15	24°23'07	evening max el	-1583 Aug 24 j 17:20	12° \mathfrak{P} 31'31	25°36'59
	-1584 Sep 12 j 08:16	0° \mathfrak{A}		retrograde	-1583 Sep 05 j 22:00	19° \mathfrak{P} 32'17	
retrograde	-1584 Sep 22 j 11:54	5° \mathfrak{A} 32'18		evening set	-1583 Sep 11 j 23:15	16° \mathfrak{P} 58'19	
evening set	-1584 Sep 27 j 22:27	3° \mathfrak{A} 14'18		min. Earth dist.	-1583 Sep 16 j 07:34	12° \mathfrak{P} 09'29	0.66828 AU
	-1584 Sep 30 j 22:59	30° \mathfrak{R} \mathfrak{P}		inferior conj	-1583 Sep 17 j 11:10	10° \mathfrak{P} 40'50	-1°25'33
min. Earth dist.	-1584 Oct 02 j 15:02	27° \mathfrak{P} 49'36	0.67358 AU	minimum elong	-1583 Sep 17 j 13:16	10° \mathfrak{P} 34'05	1°24'42
inferior conj	-1584 Oct 03 j 07:40	26° \mathfrak{P} 53'46	-0°30'42	asc. node	-1583 Sep 21 j 16:21	5° \mathfrak{P} 51'41	
minimum elong	-1584 Oct 03 j 08:24	26° \mathfrak{P} 51'16	0°30'23	morning rise	-1583 Sep 23 j 03:27	4° \mathfrak{P} 44'01	
asc. node	-1584 Oct 04 j 19:18	24° \mathfrak{P} 56'03		direct	-1583 Sep 26 j 11:18	3° \mathfrak{P} 40'00	
morning rise	-1584 Oct 08 j 18:23	20° \mathfrak{P} 48'36		morning max el	-1583 Oct 03 j 15:13	7° \mathfrak{P} 44'14	19°21'27
direct	-1584 Oct 12 j 13:02	19° \mathfrak{P} 26'53			-1583 Oct 19 j 16:33	0° \mathfrak{A}	
morning max el	-1584 Oct 20 j 10:35	24° \mathfrak{P} 01'40	20°23'11	morning set	-1583 Oct 27 j 07:33	11° \mathfrak{A} 49'48	
	-1584 Oct 25 j 13:04	0° \mathfrak{A}		desc. node	-1583 Nov 01 j 10:38	19° \mathfrak{A} 50'01	
desc. node	-1584 Nov 14 j 13:37	29° \mathfrak{A} 14'26			-1583 Nov 07 j 22:12	0° \mathfrak{M}	
	-1584 Nov 15 j 01:28	0° \mathfrak{M}		max. Earth dist.	-1583 Nov 10 j 00:03	3° \mathfrak{M} 16'39	1.44564 AU
morning set	-1584 Nov 17 j 05:28	3° \mathfrak{M} 20'46					
max. Earth dist.	-1584 Nov 27 j 09:58	19° \mathfrak{M} 24'22	1.43473 AU	superior conj	-1583 Nov 13 j 01:24	8° \mathfrak{M} 07'30	-1°10'40
				minimum elong	-1583 Nov 12 j 17:45	7° \mathfrak{M} 37'04	1°09'50
superior conj	-1584 Dec 03 j 09:18	29° \mathfrak{M} 08'22	-1°43'13		-1583 Nov 26 j 12:46	0° \mathfrak{X}	
minimum elong	-1584 Dec 03 j 03:06	28° \mathfrak{M} 42'46	1°42'46	evening rise	-1583 Nov 27 j 13:39	1° \mathfrak{X} 43'04	
	-1584 Dec 03 j 21:47	0° \mathfrak{X}			-1583 Dec 15 j 20:44	0° \mathfrak{Z}	
evening rise	-1584 Dec 15 j 22:58	20° \mathfrak{X} 33'38		evening max el	-1583 Dec 16 j 23:40	1° \mathfrak{Z} 12'54	18°28'24
	-1584 Dec 21 j 09:07	0° \mathfrak{Z}		asc. node	-1583 Dec 18 j 15:36	2° \mathfrak{Z} 44'46	
asc. node	-1584 Dec 31 j 18:35	15° \mathfrak{Z} 59'33		retrograde	-1583 Dec 23 j 13:40	4° \mathfrak{Z} 50'35	
evening max el	-1583 Jan 02 j 11:19	17° \mathfrak{Z} 51'57	18°10'00	evening set	-1583 Dec 26 j 13:34	4° \mathfrak{Z} 01'09	
retrograde	-1583 Jan 09 j 00:07	21° \mathfrak{Z} 19'22			-1583 Dec 31 j 04:26	30° \mathfrak{R} \mathfrak{X}	
evening set	-1583 Jan 11 j 19:23	20° \mathfrak{Z} 40'01		inferior conj	-1582 Jan 01 j 12:12	28° \mathfrak{X} 29'19	3°37'07
inferior conj	-1583 Jan 18 j 02:47	15° \mathfrak{Z} 26'52	3°53'43	minimum elong	-1582 Jan 01 j 09:49	28° \mathfrak{X} 36'14	3°36'43
minimum elong	-1583 Jan 18 j 01:45	15° \mathfrak{Z} 29'33	3°53'37	min. Earth dist.	-1582 Jan 03 j 14:39	26° \mathfrak{X} 03'08	0.64330 AU
min. Earth dist.	-1583 Jan 20 j 20:11	12° \mathfrak{Z} 36'12	0.62616 AU	morning rise	-1582 Jan 07 j 05:33	22° \mathfrak{X} 25'04	
morning rise	-1583 Jan 24 j 07:11	9° \mathfrak{Z} 30'42		direct	-1582 Jan 14 j 03:03	19° \mathfrak{X} 33'30	
direct	-1583 Jan 31 j 07:50	6° \mathfrak{Z} 51'51		morning max el	-1582 Jan 27 j 15:13	27° \mathfrak{X} 19'45	27°23'21
desc. node	-1583 Feb 10 j 12:50	11° \mathfrak{Z} 20'29		desc. node	-1582 Jan 28 j 09:53	28° \mathfrak{X} 07'03	
morning max el	-1583 Feb 14 j 06:26	14° \mathfrak{Z} 41'27	27°45'22		-1582 Jan 30 j 04:15	0° \mathfrak{Z}	
	-1583 Feb 26 j 17:38	0° \mathfrak{A}			-1582 Feb 20 j 09:14	0° \mathfrak{A}	
	-1583 Mar 16 j 13:52	0° \mathfrak{H}		morning set	-1582 Mar 03 j 19:24	20° \mathfrak{A} 48'33	
morning set	-1583 Mar 20 j 01:17	6° \mathfrak{H} 51'56			-1582 Mar 08 j 08:52	0° \mathfrak{H}	
max. Earth dist.	-1583 Mar 25 j 15:44	18° \mathfrak{H} 33'10	1.32855 AU	max. Earth dist.	-1582 Mar 08 j 16:34	0° \mathfrak{H} 39'50	1.33645 AU
superior conj	-1583 Mar 27 j 13:26	22° \mathfrak{H} 39'07	-0°22'54	superior conj	-1582 Mar 11 j 19:05	7° \mathfrak{H} 10'27	-0°48'55
minimum elong	-1583 Mar 27 j 14:30	22° \mathfrak{H} 44'53	0°22'40	minimum elong	-1582 Mar 11 j 21:21	7° \mathfrak{H} 22'25	0°48'29
asc. node	-1583 Mar 29 j 17:56	27° \mathfrak{H} 23'43		asc. node	-1582 Mar 16 j 14:57	17° \mathfrak{H} 28'16	
	-1583 Mar 30 j 22:45	0° \mathfrak{Y}		evening rise	-1582 Mar 19 j 01:06	22° \mathfrak{H} 35'49	
evening rise	-1583 Apr 03 j 13:59	7° \mathfrak{Y} 47'35			-1582 Mar 22 j 15:53	0° \mathfrak{Y}	
	-1583 Apr 15 j 06:41	0° \mathfrak{B}		evening max el	-1582 Apr 09 j 11:34	27° \mathfrak{Y} 00'08	22°19'23
evening max el	-1583 Apr 27 j 18:30	16° \mathfrak{B} 20'52	23°54'00		-1582 Apr 13 j 01:40	0° \mathfrak{B}	
desc. node	-1583 May 09 j 11:57	23° \mathfrak{B} 05'53		retrograde	-1582 Apr 22 j 09:08	3° \mathfrak{B} 19'17	
retrograde	-1583 May 11 j 13:03	23° \mathfrak{B} 15'27		evening set	-1582 Apr 25 j 06:28	3° \mathfrak{B} 00'54	
evening set	-1583 May 15 j 16:20	22° \mathfrak{B} 37'29		desc. node	-1582 Apr 26 j 09:00	2° \mathfrak{B} 44'38	
min. Earth dist.	-1583 May 22 j 05:37	19° \mathfrak{B} 30'19	0.56293 AU		-1582 May 02 j 14:52	30° \mathfrak{R} \mathfrak{Y}	
inferior conj	-1583 May 24 j 14:23	18° \mathfrak{B} 03'23	-3°43'22	min. Earth dist.	-1582 May 03 j 19:05	29° \mathfrak{Y} 20'36	0.55251 AU
minimum elong	-1583 May 24 j 08:06	18° \mathfrak{B} 13'03	3°42'00	inferior conj	-1582 May 04 j 15:41	28° \mathfrak{Y} 51'26	-2°15'58
morning rise	-1583 Jun 02 j 02:52	14° \mathfrak{B} 03'40		minimum elong	-1582 May 04 j 09:51	28° \mathfrak{Y} 59'42	2°14'06
direct	-1583 Jun 04 j 16:49	13° \mathfrak{B} 46'30		morning rise	-1582 May 13 j 14:54	24° \mathfrak{Y} 55'47	
morning max el	-1583 Jun 14 j 15:45	18° \mathfrak{B} 22'53	19°52'51	direct	-1582 May 16 j 09:07	24° \mathfrak{Y} 38'28	
	-1583 Jun 23 j 13:07	0° \mathfrak{I}			-1582 May 27 j 22:01	0° \mathfrak{B}	
asc. node	-1583 Jun 25 j 17:11	3° \mathfrak{I} 43'37		morning max el	-1582 May 28 j 00:09	0° \mathfrak{B} 04'56	21°12'00
morning set	-1583 Jul 02 j 12:56	16° \mathfrak{I} 51'08		asc. node	-1582 Jun 12 j 14:15	23° \mathfrak{B} 02'09	
	-1583 Jul 09 j 00:28	0° \mathfrak{C}			-1582 Jun 16 j 02:04	0° \mathfrak{I}	
				morning set	-1582 Jun 16 j 20:35	1° \mathfrak{I} 35'03	
superior conj	-1583 Jul 10 j 10:18	2° \mathfrak{C} 49'23	1°45'47				

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1582 Jun 24 j 07:21	17° Π 06'21	1°36'40	superior conj	-1581 Jun 08 j 11:26	1° Π 45'10	1°22'09
minimum elong	-1582 Jun 24 j 05:08	16° Π 54'51	1°36'30	minimum elong	-1581 Jun 08 j 08:52	1° Π 31'32	1°21'50
max. Earth dist.	-1582 Jun 28 j 09:47	25° Π 26'23	1.35377 AU	max. Earth dist.	-1581 Jun 11 j 05:58	7° Π 35'26	1.34084 AU
	-1582 Jun 30 j 17:25	0° \mathfrak{C}		evening rise	-1581 Jun 16 j 05:55	17° Π 43'52	
evening rise	-1582 Jul 02 j 18:13	3° \mathfrak{C} 54'01			-1581 Jun 22 j 18:19	0° \mathfrak{C}	
	-1582 Jul 17 j 23:25	0° Ω		desc. node	-1581 Jul 10 j 05:17	27° \mathfrak{C} 19'48	
desc. node	-1582 Jul 23 j 08:16	7° Ω 57'35			-1581 Jul 12 j 06:32	0° Ω	
evening max el	-1582 Aug 07 j 04:56	26° Ω 05'02	26°36'52	evening max el	-1581 Jul 20 j 16:40	9° Ω 28'18	27°15'00
	-1582 Aug 11 j 19:05	0° \mathfrak{M}		retrograde	-1581 Aug 03 j 02:31	16° Ω 48'30	
retrograde	-1582 Aug 20 j 03:05	3° \mathfrak{M} 20'08		evening set	-1581 Aug 10 j 03:24	14° Ω 02'28	
evening set	-1582 Aug 26 j 17:48	0° \mathfrak{M} 35'43		min. Earth dist.	-1581 Aug 13 j 21:29	10° Ω 28'03	0.64715 AU
	-1582 Aug 27 j 10:03	30° \mathfrak{R} Ω		inferior conj	-1581 Aug 16 j 02:23	8° Ω 02'18	-3°09'32
min. Earth dist.	-1582 Aug 30 j 18:30	26° Ω 24'23	0.65955 AU	minimum elong	-1581 Aug 16 j 06:35	7° Ω 50'41	3°08'15
inferior conj	-1582 Sep 01 j 10:09	24° Ω 25'07	-2°19'17	morning rise	-1581 Aug 22 j 10:26	2° Ω 31'58	
minimum elong	-1582 Sep 01 j 13:30	24° Ω 15'03	2°18'03	direct	-1581 Aug 25 j 03:55	1° Ω 52'45	
morning rise	-1582 Sep 07 j 09:36	18° Ω 39'50		asc. node	-1581 Aug 26 j 10:29	2° Ω 01'21	
asc. node	-1582 Sep 08 j 13:24	18° Ω 08'35		morning max el	-1581 Aug 31 j 16:12	5° Ω 22'10	18°06'02
direct	-1582 Sep 10 j 09:03	17° Ω 49'54			-1581 Sep 17 j 01:49	0° \mathfrak{M}	
morning max el	-1582 Sep 17 j 01:51	21° Ω 32'31	18°35'19	morning set	-1581 Sep 18 j 14:37	2° \mathfrak{M} 34'35	
	-1582 Sep 23 j 16:56	0° \mathfrak{M}					
morning set	-1582 Oct 07 j 08:58	21° \mathfrak{M} 30'55		superior conj	-1581 Oct 02 j 08:49	25° \mathfrak{M} 11'49	0°24'45
	-1582 Oct 12 j 16:11	0° \mathfrak{L}		minimum elong	-1581 Oct 02 j 11:44	25° \mathfrak{M} 23'30	0°24'22
desc. node	-1582 Oct 19 j 07:39	10° \mathfrak{L} 32'21			-1581 Oct 05 j 09:01	0° \mathfrak{L}	
				desc. node	-1581 Oct 06 j 04:39	1° \mathfrak{L} 17'53	
superior conj	-1582 Oct 23 j 02:00	16° \mathfrak{L} 28'22	-0°24'13	max. Earth dist.	-1581 Oct 06 j 12:32	1° \mathfrak{L} 49'06	1.44612 AU
minimum elong	-1582 Oct 22 j 22:47	16° \mathfrak{L} 15'45	0°23'48	evening rise	-1581 Oct 18 j 20:53	21° \mathfrak{L} 06'55	
max. Earth dist.	-1582 Oct 23 j 17:56	17° \mathfrak{L} 31'04	1.44954 AU		-1581 Oct 24 j 15:15	0° \mathfrak{M}	
	-1582 Oct 31 j 16:18	0° \mathfrak{M}		greatest brilliancy	-1581 Nov 01 j 07:34	11° \mathfrak{M} 38'52	-0.7m
evening rise	-1582 Nov 08 j 04:21	11° \mathfrak{M} 52'01		evening max el	-1581 Nov 13 j 15:54	28° \mathfrak{M} 06'30	19°56'22
greatest brilliancy	-1582 Nov 16 j 18:50	25° \mathfrak{M} 30'51	-0.8m		-1581 Nov 15 j 16:13	0° \mathfrak{J}	
	-1582 Nov 19 j 15:49	0° \mathfrak{J}		retrograde	-1581 Nov 21 j 05:40	2° \mathfrak{J} 32'15	
evening max el	-1582 Nov 30 j 09:56	14° \mathfrak{J} 39'10	19°04'25	asc. node	-1581 Nov 22 j 09:41	2° \mathfrak{J} 24'26	
asc. node	-1582 Dec 05 j 12:38	18° \mathfrak{J} 18'07		evening set	-1581 Nov 24 j 19:42	1° \mathfrak{J} 17'12	
retrograde	-1582 Dec 07 j 08:28	18° \mathfrak{J} 36'40			-1581 Nov 26 j 08:36	30° \mathfrak{R} \mathfrak{M}	
evening set	-1582 Dec 10 j 14:31	17° \mathfrak{J} 35'26		inferior conj	-1581 Nov 30 j 07:33	25° \mathfrak{M} 15'38	2°29'04
inferior conj	-1582 Dec 16 j 06:45	11° \mathfrak{J} 47'19	3°07'42	minimum elong	-1581 Nov 30 j 04:45	25° \mathfrak{M} 24'55	2°28'09
minimum elong	-1582 Dec 16 j 03:50	11° \mathfrak{J} 56'30	3°06'57	min. Earth dist.	-1581 Dec 01 j 05:44	24° \mathfrak{M} 02'00	0.66646 AU
min. Earth dist.	-1582 Dec 17 j 18:22	9° \mathfrak{J} 55'33	0.65678 AU	morning rise	-1581 Dec 05 j 13:37	19° \mathfrak{M} 02'49	
morning rise	-1582 Dec 21 j 16:53	5° \mathfrak{J} 37'46		direct	-1581 Dec 11 j 11:36	16° \mathfrak{M} 26'12	
direct	-1582 Dec 28 j 04:34	2° \mathfrak{J} 48'09		morning max el	-1581 Dec 23 j 09:34	23° \mathfrak{M} 30'39	25°17'58
morning max el	-1581 Jan 10 j 00:44	10° \mathfrak{J} 19'57	26°31'23		-1581 Dec 29 j 04:39	0° \mathfrak{J}	
desc. node	-1581 Jan 15 j 06:55	16° \mathfrak{J} 08'39		desc. node	-1580 Jan 02 j 03:57	5° \mathfrak{J} 02'32	
	-1581 Jan 25 j 15:52	0° \mathfrak{Z}			-1580 Jan 19 j 00:57	0° \mathfrak{Z}	
	-1581 Feb 12 j 21:09	0° \approx		morning set	-1580 Jan 28 j 15:41	16° \mathfrak{Z} 27'59	
morning set	-1581 Feb 15 j 01:51	4° \approx 05'35		max. Earth dist.	-1580 Feb 01 j 09:05	23° \mathfrak{Z} 18'57	1.36567 AU
max. Earth dist.	-1581 Feb 19 j 06:26	12° \approx 11'57	1.34888 AU		-1580 Feb 04 j 21:10	0° \approx	
superior conj	-1581 Feb 23 j 18:45	21° \approx 19'09	-1°13'39	superior conj	-1580 Feb 07 j 09:32	4° \approx 56'04	-1°35'22
minimum elong	-1581 Feb 23 j 21:58	21° \approx 35'40	1°13'09	minimum elong	-1580 Feb 07 j 13:06	5° \approx 13'46	1°34'59
	-1581 Feb 27 j 22:57	0° \mathfrak{H}		evening rise	-1580 Feb 15 j 14:00	21° \approx 27'01	
evening rise	-1581 Mar 03 j 09:49	7° \mathfrak{H} 11'20		asc. node	-1580 Feb 18 j 09:01	27° \approx 01'00	
asc. node	-1581 Mar 03 j 11:59	7° \mathfrak{H} 22'31			-1580 Feb 19 j 21:59	0° \mathfrak{H}	
	-1581 Mar 15 j 22:21	0° \mathfrak{Y}		evening max el	-1580 Mar 04 j 00:34	19° \mathfrak{H} 37'48	19°41'58
evening max el	-1581 Mar 22 j 12:40	8° \mathfrak{Y} 01'20	20°52'41	retrograde	-1580 Mar 13 j 16:59	24° \mathfrak{H} 15'26	
retrograde	-1581 Apr 02 j 22:05	13° \mathfrak{Y} 29'44		evening set	-1580 Mar 15 j 21:53	24° \mathfrak{H} 02'08	
evening set	-1581 Apr 05 j 04:36	13° \mathfrak{Y} 17'32		inferior conj	-1580 Mar 24 j 12:25	19° \mathfrak{H} 58'51	1°32'04
desc. node	-1581 Apr 13 j 06:02	9° \mathfrak{Y} 59'43		minimum elong	-1580 Mar 24 j 16:04	19° \mathfrak{H} 53'07	1°30'53
inferior conj	-1581 Apr 14 j 10:12	9° \mathfrak{Y} 19'50	-0°19'58	min. Earth dist.	-1580 Mar 26 j 22:49	18° \mathfrak{H} 27'24	0.55918 AU
minimum elong	-1581 Apr 14 j 09:15	9° \mathfrak{Y} 21'10	0°19'37	desc. node	-1580 Mar 30 j 03:05	16° \mathfrak{H} 39'53	
min. Earth dist.	-1581 Apr 15 j 08:36	8° \mathfrak{Y} 47'56	0.55119 AU	morning rise	-1580 Apr 02 j 07:51	15° \mathfrak{H} 20'59	
morning rise	-1581 Apr 23 j 13:15	5° \mathfrak{Y} 10'42		direct	-1580 Apr 06 j 14:33	14° \mathfrak{H} 40'08	
direct	-1581 Apr 26 j 20:27	4° \mathfrak{Y} 47'06		morning max el	-1580 Apr 20 j 13:52	21° \mathfrak{H} 40'42	24°26'50
morning max el	-1581 May 09 j 22:10	11° \mathfrak{Y} 05'40	22°46'30		-1580 Apr 27 j 19:35	0° \mathfrak{Y}	
	-1581 May 23 j 19:30	0° \mathfrak{B}			-1580 May 15 j 02:08	0° \mathfrak{B}	
asc. node	-1581 May 30 j 11:18	12° \mathfrak{B} 42'37		morning set	-1580 May 15 j 19:21	1° \mathfrak{B} 30'03	
morning set	-1581 Jun 01 j 07:19	16° \mathfrak{B} 29'56		asc. node	-1580 May 16 j 08:22	2° \mathfrak{B} 38'43	
	-1581 Jun 07 j 15:40	0° \mathfrak{I}					

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1580 May 22 j 20:01	16°  38'00	1°03'31	superior conj	-1579 May 07 j 07:04	1°  37'27	0°41'45
minimum elong	-1580 May 22 j 17:40	16°  25'12	1°03'08	minimum elong	-1579 May 07 j 05:20	1°  27'58	0°41'25
max. Earth dist.	-1580 May 24 j 10:59	20°  08'12	1.33167 AU	max. Earth dist.	-1579 May 07 j 21:47	2°  57'55	1.32618 AU
	-1580 May 29 j 03:19	0°  II		evening rise	-1579 May 14 j 08:15	16°  45'00	
evening rise	-1580 May 30 j 03:39	2°  II04'22			-1579 May 21 j 01:24	0°  II	
	-1580 Jun 14 j 15:22	0°  ☿			-1579 Jun 09 j 17:49	0°  ☿	
desc. node	-1580 Jun 26 j 02:19	15°  ☿57'34		desc. node	-1579 Jun 12 j 23:22	3°  ☿31'33	
evening max el	-1580 Jul 02 j 02:32	22°  ☿28'21	27°24'50	evening max el	-1579 Jun 14 j 08:03	4°  ☿52'08	27°02'19
retrograde	-1580 Jul 15 j 19:59	29°  ☿48'56		retrograde	-1579 Jun 28 j 06:43	12°  ☿11'07	
evening set	-1580 Jul 23 j 00:47	27°  ☿13'20		evening set	-1579 Jul 05 j 05:42	10°  ☿00'11	
min. Earth dist.	-1580 Jul 26 j 14:46	24°  ☿10'39	0.63107 AU	min. Earth dist.	-1579 Jul 08 j 21:52	7°  ☿17'22	0.61193 AU
inferior conj	-1580 Jul 29 j 09:07	21°  ☿26'30	-3°52'53	inferior conj	-1579 Jul 12 j 03:04	4°  ☿29'05	-4°24'03
minimum elong	-1580 Jul 29 j 13:23	21°  ☿15'55	3°51'56	minimum elong	-1579 Jul 12 j 05:59	4°  ☿22'40	4°23'42
morning rise	-1580 Aug 05 j 03:04	16°  ☿14'32			-1579 Jul 18 j 09:35	30°  ☿II	
direct	-1580 Aug 07 j 16:53	15°  ☿43'12		morning rise	-1579 Jul 19 j 07:58	29°  ☿II38'08	
asc. node	-1580 Aug 12 j 07:33	17°  ☿24'47		direct	-1579 Jul 21 j 20:08	29°  ☿II12'31	
morning max el	-1580 Aug 14 j 07:39	19°  ☿07'53	17°54'32		-1579 Jul 25 j 04:15	0°  ☿	
	-1580 Aug 22 j 06:39	0°  ♊		morning max el	-1579 Jul 28 j 21:13	2°  ☿41'49	18°01'42
morning set	-1580 Aug 30 j 20:24	14°  ♊47'35		asc. node	-1579 Jul 30 j 04:38	4°  ☿04'00	
	-1580 Sep 08 j 14:30	0°  ♊		morning set	-1579 Aug 13 j 20:21	27°  ☿52'33	
					-1579 Aug 14 j 23:58	0°  ♊	
superior conj	-1580 Sep 11 j 15:24	5°  ♊07'20	1°04'48	superior conj	-1579 Aug 24 j 01:24	16°  ♊23'58	1°31'23
minimum elong	-1580 Sep 11 j 20:43	5°  ♊29'33	1°04'11	minimum elong	-1579 Aug 24 j 05:37	16°  ♊42'29	1°31'02
max. Earth dist.	-1580 Sep 18 j 04:19	15°  ♊51'12	1.43582 AU	max. Earth dist.	-1579 Aug 31 j 14:30	29°  ♊18'29	1.42004 AU
desc. node	-1580 Sep 22 j 01:40	22°  ♊03'58			-1579 Sep 01 j 00:30	0°  ♊	
evening rise	-1580 Sep 27 j 02:47	29°  ♊57'55		evening rise	-1579 Sep 06 j 16:30	9°  ♊12'26	
	-1580 Sep 27 j 03:19	0°  ♋		desc. node	-1579 Sep 08 j 22:42	12°  ♊46'47	
	-1580 Oct 17 j 08:48	0°  ♋			-1579 Sep 20 j 07:11	0°  ♋	
evening max el	-1580 Oct 26 j 16:12	11°  ♋33'47	21°01'46	evening max el	-1579 Oct 09 j 10:34	25°  ♋01'08	22°17'12
retrograde	-1580 Nov 04 j 03:01	16°  ♋34'32			-1579 Oct 15 j 23:32	0°  ♋	
evening set	-1580 Nov 08 j 03:07	15°  ♋03'33		retrograde	-1579 Oct 18 j 22:46	0°  ♋40'26	
asc. node	-1580 Nov 08 j 06:44	14°  ♋56'30			-1579 Oct 21 j 17:21	30°  ♋  ♋	
inferior conj	-1580 Nov 13 j 12:16	8°  ♋51'55	1°43'50	evening set	-1579 Oct 23 j 10:54	28°  ♋51'48	
minimum elong	-1580 Nov 13 j 10:05	8°  ♋59'24	1°42'59	asc. node	-1579 Oct 26 j 03:48	26°  ♋03'49	
min. Earth dist.	-1580 Nov 13 j 22:39	8°  ♋16'19	0.67259 AU	inferior conj	-1579 Oct 28 j 18:56	22°  ♋33'45	0°53'52
morning rise	-1580 Nov 18 j 16:55	2°  ♋37'50		minimum elong	-1579 Oct 28 j 17:42	22°  ♋37'59	0°53'20
direct	-1580 Nov 23 j 23:38	0°  ♋20'41		min. Earth dist.	-1579 Oct 28 j 18:39	22°  ♋34'44	0.67540 AU
morning max el	-1580 Dec 04 j 18:19	6°  ♋46'13	23°52'52	morning rise	-1579 Nov 03 j 00:23	16°  ♋20'51	
desc. node	-1580 Dec 19 j 01:00	24°  ♋33'43		direct	-1579 Nov 07 j 16:03	14°  ♋25'41	
	-1580 Dec 22 j 19:54	0°  ♌		morning max el	-1579 Nov 17 j 05:31	20°  ♋06'09	22°25'50
morning set	-1579 Jan 09 j 06:52	27°  ♌39'41			-1579 Nov 25 j 13:28	0°  ♋	
	-1579 Jan 10 j 15:27	0°  ♌		desc. node	-1579 Dec 05 j 22:03	14°  ♋31'36	
max. Earth dist.	-1579 Jan 13 j 04:59	4°  ♌29'43	1.38569 AU		-1579 Dec 16 j 01:50	0°  ♌	
				morning set	-1579 Dec 20 j 17:51	7°  ♌28'11	
superior conj	-1579 Jan 20 j 11:44	17°  ♌51'12	-1°51'39	max. Earth dist.	-1579 Dec 26 j 01:35	16°  ♌17'44	1.40665 AU
minimum elong	-1579 Jan 20 j 14:34	18°  ♌04'37	1°51'30				
	-1579 Jan 26 j 18:40	0°  ♍		superior conj	-1578 Jan 02 j 20:37	29°  ♌52'53	-1°59'11
evening rise	-1579 Jan 29 j 11:11	5°  ♍16'00		minimum elong	-1578 Jan 02 j 21:01	29°  ♌54'44	1°59'13
asc. node	-1579 Feb 04 j 06:04	16°  ♍17'47			-1578 Jan 02 j 22:12	0°  ♌	
	-1579 Feb 13 j 04:51	0°  ♍		evening rise	-1578 Jan 12 j 22:19	18°  ♌31'08	
evening max el	-1579 Feb 14 j 22:42	1°  ♍50'30	18°50'38		-1578 Jan 19 j 03:34	0°  ♍	
retrograde	-1579 Feb 23 j 04:04	5°  ♍48'53		asc. node	-1578 Jan 22 j 03:06	5°  ♍05'47	
evening set	-1579 Feb 25 j 12:42	5°  ♍30'33		evening max el	-1578 Jan 29 j 04:39	14°  ♍33'16	18°19'24
inferior conj	-1579 Mar 05 j 08:49	1°  ♍11'11	2°54'05	retrograde	-1578 Feb 05 j 09:41	18°  ♍07'56	
minimum elong	-1579 Mar 05 j 13:19	1°  ♍02'58	2°53'02	evening set	-1578 Feb 07 j 22:46	17°  ♍42'18	
	-1579 Mar 06 j 23:41	30°  ♍  ♍		inferior conj	-1578 Feb 15 j 02:05	13°  ♍02'30	3°39'56
min. Earth dist.	-1579 Mar 08 j 15:10	28°  ♍49'28	0.57464 AU	minimum elong	-1578 Feb 15 j 04:42	12°  ♍56'56	3°39'36
morning rise	-1579 Mar 13 j 11:05	26°  ♍01'30		min. Earth dist.	-1578 Feb 18 j 11:44	10°  ♍10'30	0.59440 AU
desc. node	-1579 Mar 17 j 00:09	24°  ♍58'23		morning rise	-1578 Feb 22 j 08:27	7°  ♍28'46	
direct	-1579 Mar 18 j 21:58	24°  ♍49'26		direct	-1578 Feb 28 j 18:35	5°  ♍37'52	
	-1579 Mar 30 j 16:26	0°  ♍		desc. node	-1578 Mar 03 j 21:12	6°  ♍02'56	
morning max el	-1579 Apr 02 j 05:24	2°  ♍16'57	25°58'36	morning max el	-1578 Mar 15 j 01:26	13°  ♍19'28	27°06'58
	-1579 Apr 21 j 21:37	0°  ♎			-1578 Mar 28 j 07:30	0°  ♍	
morning set	-1579 Apr 30 j 06:59	16°  ♎29'05			-1578 Apr 14 j 00:57	0°  ♎	
asc. node	-1579 May 03 j 05:25	22°  ♎44'48		morning set	-1578 Apr 14 j 16:34	1°  ♎20'59	
	-1579 May 06 j 13:16	0°  ♎		asc. node	-1578 Apr 20 j 02:28	12°  ♎56'24	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1578 Apr 21 j 18:52	16° Υ 37'33	0°17'42			-1577 Mar 21 j 15:44	0° H	
minimum elong	-1578 Apr 21 j 18:05	16° Υ 33'14	0°17'33	morning set		-1577 Mar 29 j 22:05	15° H 57'41	
max. Earth dist.	-1578 Apr 21 j 10:49	15° Υ 53'25	1.32428 AU	max. Earth dist.		-1577 Apr 04 j 22:16	28° H 40'26	1.32596 AU
	-1578 Apr 27 j 22:46	0° B				-1577 Apr 05 j 12:56	0° Υ	
evening rise	-1578 Apr 28 j 17:15	1° B 37'34						
	-1578 May 14 j 04:18	0° II		superior conj		-1577 Apr 06 j 05:39	1° Υ 31'01	-0°07'52
evening max el	-1578 May 27 j 07:23	16° II 32'56	26°07'36	minimum elong		-1577 Apr 06 j 06:01	1° Υ 32'59	0°07'46
desc. node	-1578 May 30 j 20:23	19° II 35'18		behind sun begin		-1577 Apr 06 j 01:33	1° Υ 08'39	
retrograde	-1578 Jun 10 j 09:04	23° II 47'58		behind sun end		-1577 Apr 06 j 10:29	1° Υ 57'19	
evening set	-1578 Jun 16 j 13:50	22° II 13'33		asc. node		-1577 Apr 06 j 23:30	3° Υ 08'20	
min. Earth dist.	-1578 Jun 20 j 20:16	19° II 33'31	0.59142 AU	evening rise		-1577 Apr 13 j 04:30	16° Υ 33'34	
inferior conj	-1578 Jun 24 j 04:37	17° II 01'15	-4°34'52			-1577 Apr 19 j 21:22	0° B	
minimum elong	-1578 Jun 24 j 04:23	17° II 01'41	4°34'50	evening max el		-1577 May 09 j 00:43	27° B 33'16	24°47'08
morning rise	-1578 Jul 01 j 21:18	12° II 32'18				-1577 May 11 j 19:34	0° II	
direct	-1578 Jul 04 j 09:29	12° II 10'47		desc. node		-1577 May 17 j 17:24	3° II 33'54	
morning max el	-1578 Jul 12 j 05:54	15° II 55'39	18°28'32	retrograde		-1577 May 23 j 00:22	4° II 38'12	
asc. node	-1578 Jul 17 j 01:42	21° II 43'51		evening set		-1577 May 27 j 23:24	3° II 42'20	
	-1578 Jul 22 j 04:12	0° E		min. Earth dist.		-1577 Jun 02 j 12:32	0° II 48'51	0.57218 AU
morning set	-1578 Jul 28 j 09:29	11° E 36'40				-1577 Jun 03 j 18:37	30° R B	
				inferior conj		-1577 Jun 05 j 10:40	28° B 53'35	-4°14'04
superior conj	-1578 Aug 06 j 10:43	28° E 50'09	1°44'59	minimum elong		-1577 Jun 05 j 06:12	29° B 00'59	4°13'25
minimum elong	-1578 Aug 06 j 12:35	28° E 58'48	1°44'56	morning rise		-1577 Jun 13 j 15:51	24° B 44'50	
	-1578 Aug 07 j 01:50	0° Ω		direct		-1577 Jun 16 j 05:06	24° B 26'17	
max. Earth dist.	-1578 Aug 13 j 19:05	12° Ω 01'59	1.40099 AU	morning max el		-1577 Jun 25 j 06:44	28° B 39'45	19°16'05
evening rise	-1578 Aug 18 j 04:18	19° Ω 29'37				-1577 Jun 26 j 14:51	0° II	
	-1578 Aug 24 j 15:51	0° M		asc. node		-1577 Jul 03 j 22:45	10° II 10'30	
desc. node	-1578 Aug 26 j 19:44	3° M 22'35		morning set		-1577 Jul 12 j 08:00	25° II 50'08	
	-1578 Sep 14 j 14:04	0° A				-1577 Jul 14 j 10:08	0° E	
evening max el	-1578 Sep 22 j 00:24	8° A 30'36	23°37'28					
retrograde	-1578 Oct 02 j 15:22	14° A 46'51		superior conj		-1577 Jul 20 j 13:39	12° E 10'09	1°47'57
evening set	-1578 Oct 07 j 17:21	12° A 39'39		minimum elong		-1577 Jul 20 j 13:23	12° E 08'48	1°48'00
min. Earth dist.	-1578 Oct 12 j 15:12	6° A 55'00	0.67512 AU	max. Earth dist.		-1577 Jul 26 j 21:44	24° E 08'35	1.38115 AU
inferior conj	-1578 Oct 13 j 01:43	6° A 19'03	0°00'45			-1577 Jul 30 j 03:53	0° Ω	
minimum elong	-1578 Oct 13 j 01:42	6° A 19'07	0°00'44	evening rise		-1577 Jul 30 j 17:29	0° Ω 59'53	
transit middle	-1578 Oct 13 j 01:42	6° A 19'07	0°00'44	desc. node		-1577 Aug 13 j 16:44	23° Ω 46'58	
transit begin	-1578 Oct 12 j 22:59	6° A 28'23				-1577 Aug 17 j 21:42	0° M	
transit end	-1578 Oct 13 j 04:24	6° A 09'52		evening max el		-1577 Sep 04 j 12:01	22° M 03'54	24°55'51
asc. node	-1578 Oct 13 j 00:51	6° A 22'02		retrograde		-1577 Sep 16 j 03:54	28° M 50'29	
morning rise	-1578 Oct 18 j 09:58	0° A 10'03		evening set		-1577 Sep 21 j 20:44	26° M 25'29	
	-1578 Oct 18 j 15:20	30° R M		min. Earth dist.		-1577 Sep 26 j 09:49	21° M 15'43	0.67172 AU
direct	-1578 Oct 22 j 11:50	28° M 36'34		inferior conj		-1577 Sep 27 j 06:55	20° M 06'01	-0°53'58
	-1578 Oct 26 j 16:21	0° A		minimum elong		-1577 Sep 27 j 08:14	20° M 01'39	0°53'24
morning max el	-1578 Oct 30 j 22:22	3° A 33'15	21°04'47	asc. node		-1577 Sep 29 j 21:54	16° M 47'44	
	-1578 Nov 19 j 14:31	0° M		morning rise		-1577 Oct 02 j 19:47	14° M 03'58	
desc. node	-1578 Nov 22 j 19:04	4° M 48'15		direct		-1577 Oct 06 j 09:41	12° M 49'59	
morning set	-1578 Nov 30 j 01:43	16° M 01'13		morning max el		-1577 Oct 13 j 22:44	17° M 10'20	19°55'09
max. Earth dist.	-1578 Dec 08 j 04:51	29° M 00'37	1.42573 AU			-1577 Oct 23 j 22:45	0° A	
	-1578 Dec 08 j 19:23	0° X		morning set		-1577 Nov 08 j 22:48	24° A 11'19	
				desc. node		-1577 Nov 09 j 16:06	25° A 18'16	
superior conj	-1578 Dec 15 j 06:32	10° X 47'13	-1°53'49			-1577 Nov 12 j 16:36	0° M	
minimum elong	-1578 Dec 15 j 02:49	10° X 31'24	1°53'40	max. Earth dist.		-1577 Nov 20 j 16:12	12° M 34'42	1.44019 AU
	-1578 Dec 26 j 05:25	0° B						
evening rise	-1578 Dec 26 j 19:35	1° B 03'36		superior conj		-1577 Nov 25 j 13:28	20° M 26'14	-1°31'34
asc. node	-1577 Jan 09 j 00:08	23° B 15'17		minimum elong		-1577 Nov 25 j 06:00	19° M 55'58	1°30'55
evening max el	-1577 Jan 12 j 15:21	27° B 36'18	18°07'53			-1577 Dec 01 j 09:10	0° X	
	-1577 Jan 15 j 16:19	0° \approx		evening rise		-1577 Dec 08 j 22:43	12° X 45'54	
retrograde	-1577 Jan 19 j 07:04	1° \approx 02'18				-1577 Dec 19 j 04:25	0° B	
evening set	-1577 Jan 22 j 00:10	0° \approx 28'06		asc. node		-1577 Dec 26 j 21:09	10° B 35'15	
	-1577 Jan 22 j 23:38	30° R B		evening max el		-1577 Dec 27 j 03:53	10° B 52'35	18°15'33
inferior conj	-1577 Jan 28 j 13:54	25° B 26'52	3°55'22	retrograde		-1576 Jan 02 j 16:02	14° B 22'47	
minimum elong	-1577 Jan 28 j 14:03	25° B 26'29	3°55'20	evening set		-1576 Jan 05 j 13:15	13° B 39'08	
min. Earth dist.	-1577 Jan 31 j 15:05	22° B 29'25	0.61506 AU	inferior conj		-1576 Jan 11 j 16:34	8° B 17'36	3°48'31
morning rise	-1577 Feb 04 j 02:39	19° B 37'29		minimum elong		-1576 Jan 11 j 14:52	8° B 22'18	3°48'18
direct	-1577 Feb 11 j 01:20	17° B 12'32		min. Earth dist.		-1576 Jan 14 j 03:39	5° B 36'00	0.63392 AU
desc. node	-1577 Feb 18 j 18:15	19° B 47'05		morning rise		-1576 Jan 17 j 15:48	2° B 17'49	
morning max el	-1577 Feb 25 j 03:28	25° B 00'07	27°41'54			-1576 Jan 21 j 18:04	30° R X	
	-1577 Mar 01 j 17:54	0° \approx		direct		-1576 Jan 24 j 16:10	29° X 31'55	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1576 Jan 27 j 17:28	0° Z		morning max el	-1575 Jan 19 j 20:15	20° Z 09'44	27°04'33
desc. node	-1576 Feb 05 j 15:19	5° Z 37'20		desc. node	-1575 Jan 22 j 12:21	22° Z 58'42	
morning max el	-1576 Feb 07 j 10:37	7° Z 20'08	27°40'06		-1575 Jan 28 j 08:09	0° Z	
	-1576 Feb 24 j 21:05	0° \approx			-1575 Feb 16 j 22:10	0° \approx	
morning set	-1576 Mar 12 j 21:13	0° X 11'33		morning set	-1575 Feb 24 j 10:56	13° \approx 53'01	
	-1576 Mar 12 j 18:54	0° X		max. Earth dist.	-1575 Mar 01 j 01:04	22° \approx 59'24	1.34120 AU
max. Earth dist.	-1576 Mar 18 j 04:19	11° X 06'02	1.33149 AU		-1575 Mar 04 j 10:33	0° X	
superior conj	-1576 Mar 20 j 13:44	16° X 12'07	-0°34'00	superior conj	-1575 Mar 04 j 17:09	0° X 34'37	-0°59'38
minimum elong	-1576 Mar 20 j 15:19	16° X 20'37	0°33'40	minimum elong	-1575 Mar 04 j 19:52	0° X 48'48	0°59'10
asc. node	-1576 Mar 23 j 20:31	23° X 16'41		asc. node	-1575 Mar 10 j 17:33	13° X 17'25	
	-1576 Mar 26 j 23:49	0° Y		evening rise	-1575 Mar 12 j 02:34	16° X 10'23	
evening rise	-1576 Mar 27 j 16:12	1° Y 26'35			-1575 Mar 19 j 02:33	0° Y	
	-1576 Apr 12 j 16:20	0° Y		evening max el	-1575 Apr 01 j 11:37	18° Y 57'05	21°40'51
evening max el	-1576 Apr 19 j 15:52	8° Y 11'29	23°13'21	retrograde	-1575 Apr 13 j 19:21	24° Y 56'27	
retrograde	-1576 May 03 j 03:02	14° Y 52'53		evening set	-1575 Apr 16 j 08:21	24° Y 41'53	
desc. node	-1576 May 03 j 14:27	14° Y 52'23		desc. node	-1575 Apr 20 j 11:29	23° Y 22'47	
evening set	-1576 May 06 j 16:33	14° Y 25'04		inferior conj	-1575 Apr 25 j 17:47	20° Y 39'04	-1°28'30
min. Earth dist.	-1576 May 14 j 01:54	11° Y 05'35	0.55758 AU	minimum elong	-1575 Apr 25 j 13:42	20° Y 44'48	1°27'06
inferior conj	-1576 May 15 j 20:59	10° Y 02'28	-3°11'14	min. Earth dist.	-1575 Apr 25 j 15:13	20° Y 42'40	0.55075 AU
minimum elong	-1576 May 15 j 14:13	10° Y 12'24	3°09'26	morning rise	-1575 May 04 j 19:54	16° Y 40'18	
morning rise	-1576 May 24 j 14:31	6° Y 06'36		direct	-1575 May 07 j 18:03	16° Y 21'30	
direct	-1576 May 27 j 05:56	5° Y 49'41		morning max el	-1575 May 20 j 01:18	22° Y 10'14	21°50'51
morning max el	-1576 Jun 06 j 21:25	10° Y 45'43	20°24'19		-1575 May 26 j 18:38	0° Z	
asc. node	-1576 Jun 19 j 19:49	29° Y 12'45		asc. node	-1575 Jun 06 j 16:52	18° Y 41'45	
	-1576 Jun 20 j 05:58	0° Z		morning set	-1575 Jun 09 j 22:13	25° Y 14'53	
morning set	-1576 Jun 25 j 12:59	10° Z 24'56			-1575 Jun 12 j 04:42	0° Z	
superior conj	-1576 Jul 03 j 05:15	26° Z 09'48	1°42'41	superior conj	-1575 Jun 17 j 05:43	10° Z 37'57	1°31'06
minimum elong	-1576 Jul 03 j 03:31	26° Z 01'03	1°42'36	minimum elong	-1575 Jun 17 j 03:16	10° Z 25'09	1°30'51
	-1576 Jul 05 j 03:03	0° Z		max. Earth dist.	-1575 Jun 20 j 18:12	17° Z 54'12	1.34776 AU
max. Earth dist.	-1576 Jul 08 j 03:52	5° Z 57'40	1.36287 AU	evening rise	-1575 Jun 25 j 08:49	27° Z 02'13	
evening rise	-1576 Jul 12 j 04:38	13° Z 35'03			-1575 Jun 26 j 22:05	0° Z	
	-1576 Jul 21 j 14:42	0° Z			-1575 Jul 14 j 21:55	0° Z	
desc. node	-1576 Jul 30 j 13:44	13° Z 53'54		desc. node	-1575 Jul 17 j 10:46	3° Z 35'49	
	-1576 Aug 11 j 17:32	0° Z		evening max el	-1575 Jul 30 j 10:48	19° Z 08'10	26°56'04
evening max el	-1576 Aug 16 j 23:13	5° Z 38'16	26°04'41	retrograde	-1575 Aug 12 j 14:33	26° Z 26'55	
retrograde	-1576 Aug 29 j 11:42	12° Z 45'54		evening set	-1575 Aug 19 j 10:15	23° Z 40'09	
evening set	-1576 Sep 04 j 19:07	10° Z 06'28		min. Earth dist.	-1575 Aug 23 j 07:48	19° Z 45'05	0.65475 AU
min. Earth dist.	-1576 Sep 09 j 00:06	5° Z 33'46	0.66502 AU	inferior conj	-1575 Aug 25 j 05:07	17° Z 33'30	-2°41'14
inferior conj	-1576 Sep 10 j 08:43	3° Z 51'44	-1°48'39	minimum elong	-1575 Aug 25 j 08:54	17° Z 22'30	2°39'55
minimum elong	-1576 Sep 10 j 11:22	3° Z 43'26	1°47'35	morning rise	-1575 Aug 31 j 08:06	11° Z 54'29	
	-1576 Sep 13 j 16:39	30° Z		asc. node	-1575 Sep 02 j 16:02	11° Z 11'10	
asc. node	-1576 Sep 15 j 18:58	28° Z 13'52		direct	-1575 Sep 03 j 04:40	11° Z 09'38	
morning rise	-1576 Sep 16 j 03:53	27° Z 59'40		morning max el	-1575 Sep 09 j 18:48	14° Z 45'36	18°20'45
direct	-1576 Sep 19 j 07:55	27° Z 02'02			-1575 Sep 20 j 17:25	0° Z	
	-1576 Sep 25 j 07:09	0° Z		morning set	-1575 Sep 28 j 22:42	13° Z 23'15	
morning max el	-1576 Sep 26 j 06:11	0° Z 55'37	18°59'55		-1575 Oct 09 j 05:13	0° Z	
	-1576 Oct 16 j 09:45	0° Z		desc. node	-1575 Oct 13 j 10:07	6° Z 40'52	
morning set	-1576 Oct 18 j 09:13	3° Z 06'52		superior conj	-1575 Oct 13 j 21:03	7° Z 24'04	-0°02'59
desc. node	-1576 Oct 26 j 13:06	15° Z 56'53		minimum elong	-1575 Oct 13 j 20:40	7° Z 22'34	0°02'55
max. Earth dist.	-1576 Nov 02 j 08:46	26° Z 40'14	1.44820 AU	behind sun begin	-1575 Oct 13 j 09:38	6° Z 38'57	
superior conj	-1576 Nov 03 j 20:39	29° Z 01'44	-0°52'07	behind sun end	-1575 Oct 14 j 07:42	8° Z 06'10	
minimum elong	-1576 Nov 03 j 14:14	28° Z 36'24	0°51'20	max. Earth dist.	-1575 Oct 16 j 03:04	10° Z 57'10	1.44895 AU
	-1576 Nov 04 j 11:25	0° Z			-1575 Oct 28 j 06:35	0° Z	
evening rise	-1576 Nov 19 j 03:24	23° Z 29'42		evening rise	-1575 Oct 30 j 07:56	3° Z 13'10	
	-1576 Nov 23 j 03:17	0° Z		greatest brilliancy	-1575 Nov 10 j 07:29	20° Z 19'39	-0.7m
evening max el	-1576 Dec 09 j 15:34	24° Z 15'36	18°41'36		-1575 Nov 16 j 20:08	0° Z	
asc. node	-1576 Dec 12 j 18:11	26° Z 51'32		evening max el	-1575 Nov 23 j 00:08	7° Z 41'46	19°24'42
retrograde	-1576 Dec 16 j 08:21	28° Z 00'49		asc. node	-1575 Nov 29 j 15:15	11° Z 49'05	
evening set	-1576 Dec 19 j 10:40	27° Z 06'31		retrograde	-1575 Nov 30 j 04:34	11° Z 50'50	
inferior conj	-1576 Dec 25 j 06:17	21° Z 27'06	3°25'57	evening set	-1575 Dec 03 j 13:41	10° Z 44'07	
minimum elong	-1576 Dec 25 j 03:35	21° Z 35'15	3°25'24	inferior conj	-1575 Dec 09 j 03:49	4° Z 49'48	2°52'16
min. Earth dist.	-1576 Dec 27 j 02:10	19° Z 15'02	0.64947 AU	minimum elong	-1575 Dec 09 j 00:53	4° Z 59'17	2°51'25
morning rise	-1576 Dec 30 j 20:07	15° Z 20'13		min. Earth dist.	-1575 Dec 10 j 09:33	3° Z 13'53	0.66129 AU
direct	-1575 Jan 06 j 13:55	12° Z 28'13			-1575 Dec 13 j 02:36	30° Z	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning rise	-1575 Dec 14 j 11:49	28° M 38'19		minimum elong	-1574 Nov 23 j 03:57	18° M 30'41	2°09'40
direct	-1575 Dec 20 j 17:54	25° M 53'06		min. Earth dist.	-1574 Nov 23 j 23:38	17° M 24'17	0.66945 AU
	-1575 Dec 29 j 16:13	0° X		morning rise	-1574 Nov 28 j 11:41	12° M 08'12	
morning max el	-1574 Jan 02 j 05:42	3° X 15'48	26°02'13	direct	-1574 Dec 04 j 03:20	9° M 38'59	
desc. node	-1574 Jan 09 j 09:23	11° X 24'31		morning max el	-1574 Dec 15 j 14:09	16° M 28'31	24°42'34
	-1574 Jan 22 j 14:55	0° Z			-1574 Dec 26 j 19:48	0° X	
morning set	-1574 Feb 07 j 11:03	26° Z 48'57		desc. node	-1574 Dec 27 j 06:26	0° X 35'59	
	-1574 Feb 09 j 03:54	0° \approx			-1573 Jan 15 j 14:16	0° Z	
max. Earth dist.	-1574 Feb 11 j 09:54	4° \approx 18'05	1.35545 AU	morning set	-1573 Jan 20 j 16:04	8° Z 43'40	
				max. Earth dist.	-1573 Jan 24 j 08:23	15° Z 20'24	1.37383 AU
superior conj	-1574 Feb 16 j 13:26	14° \approx 30'41	-1°23'21	superior conj	-1573 Jan 30 j 23:26	27° Z 51'37	-1°43'07
minimum elong	-1574 Feb 16 j 16:54	14° \approx 48'14	1°22'54	minimum elong	-1573 Jan 31 j 02:51	28° Z 08'17	1°42'50
evening rise	-1574 Feb 24 j 09:39	0° X 38'07			-1573 Feb 01 j 01:43	0° \approx	
	-1574 Feb 24 j 02:12	0° X			-1573 Feb 08 j 11:11	14° \approx 43'19	
asc. node	-1574 Feb 25 j 14:36	3° X 05'29		evening rise	-1573 Feb 12 j 11:39	22° \approx 35'39	
	-1574 Mar 14 j 11:59	0° Y		asc. node	-1573 Feb 16 j 13:17	0° X	
evening max el	-1574 Mar 14 j 17:14	0° Y 12'41	20°20'27		-1573 Feb 25 j 09:52	12° X 05'55	19°17'47
retrograde	-1574 Mar 25 j 09:28	5° Y 18'58		evening max el	-1573 Mar 06 j 10:03	16° X 24'31	
evening set	-1574 Mar 27 j 13:50	5° Y 07'04		retrograde	-1573 Mar 08 j 16:21	16° X 09'26	
inferior conj	-1574 Apr 05 j 13:59	1° Y 08'58	0°29'57	evening set	-1573 Mar 16 j 23:09	12° X 00'35	2°11'14
minimum elong	-1574 Apr 05 j 15:20	1° Y 06'59	0°29'28	inferior conj	-1573 Mar 17 j 03:37	11° X 53'06	2°09'56
min. Earth dist.	-1574 Apr 07 j 05:20	0° Y 11'02	0.55344 AU	minimum elong	-1573 Mar 19 j 20:24	10° X 05'48	0.56503 AU
desc. node	-1574 Apr 07 j 08:33	0° Y 06'21		min. Earth dist.	-1573 Mar 25 j 05:35	7° X 14'47	
	-1574 Apr 07 j 12:56	30° X		desc. node	-1573 Mar 25 j 12:04	7° X 08'47	
morning rise	-1574 Apr 14 j 15:10	26° X 48'26		morning rise	-1573 Mar 30 j 07:05	6° X 15'54	
direct	-1574 Apr 18 j 07:00	26° X 19'13		direct	-1573 Apr 13 j 10:55	13° X 29'58	25°07'40
	-1574 Apr 28 j 06:44	0° Y		morning max el	-1573 Apr 26 j 08:23	0° Y	
morning max el	-1574 May 01 j 20:10	2° Y 58'16	23°29'12		-1573 May 09 j 21:46	25° Y 12'50	
	-1574 May 20 j 08:23	0° Z		morning set	-1573 May 11 j 11:00	28° Y 30'18	
asc. node	-1574 May 24 j 13:56	8° Z 29'29		asc. node	-1573 May 12 j 03:43	0° Z	
morning set	-1574 May 25 j 09:43	10° Z 12'40					
superior conj	-1574 Jun 01 j 12:01	25° Z 23'59	1°14'43	superior conj	-1573 May 16 j 21:54	10° Z 20'20	0°54'38
minimum elong	-1574 Jun 01 j 09:29	25° Z 10'22	1°14'20	minimum elong	-1573 May 16 j 19:45	10° Z 08'41	0°54'15
	-1574 Jun 03 j 15:49	0° II		max. Earth dist.	-1573 May 18 j 02:02	12° Z 53'19	1.32896 AU
max. Earth dist.	-1574 Jun 03 j 18:11	0° II 12'27	1.33645 AU	evening rise	-1573 May 24 j 02:17	25° Z 37'07	
evening rise	-1574 Jun 09 j 01:15	11° II 06'42			-1573 May 26 j 06:21	0° II	
	-1574 Jun 19 j 05:30	0° E			-1573 Jun 12 j 17:59	0° E	
desc. node	-1574 Jul 04 j 07:49	22° E 41'10		desc. node	-1573 Jun 21 j 04:51	10° E 54'26	
	-1574 Jul 10 j 13:15	0° Ω		evening max el	-1573 Jun 25 j 06:28	15° E 09'27	27°19'20
evening max el	-1574 Jul 12 j 21:56	2° Ω 22'53	27°22'54	retrograde	-1573 Jul 09 j 02:31	22° E 29'03	
retrograde	-1574 Jul 26 j 11:48	9° Ω 44'25		evening set	-1573 Jul 16 j 06:02	20° E 02'40	
evening set	-1574 Aug 02 j 15:08	7° Ω 01'07		min. Earth dist.	-1573 Jul 19 j 20:04	17° E 09'50	0.62324 AU
min. Earth dist.	-1574 Aug 06 j 06:57	3° Ω 41'03	0.64072 AU	inferior conj	-1573 Jul 22 j 19:25	14° E 22'06	-4°08'01
inferior conj	-1574 Aug 08 j 17:41	1° Ω 05'58	-3°29'03	minimum elong	-1573 Jul 22 j 23:19	14° E 12'53	4°07'19
minimum elong	-1574 Aug 08 j 22:03	0° Ω 54'25	3°27'51	morning rise	-1573 Jul 29 j 17:52	9° E 18'26	
	-1574 Aug 09 j 18:53	30° R E		direct	-1573 Aug 01 j 06:44	8° E 49'44	
morning rise	-1574 Aug 15 j 05:49	25° E 43'02		asc. node	-1573 Aug 07 j 10:12	11° E 40'46	
direct	-1574 Aug 17 j 21:19	25° E 07'38		morning max el	-1573 Aug 08 j 00:54	12° E 15'24	17°55'09
asc. node	-1574 Aug 20 j 13:07	25° E 43'35			-1573 Aug 19 j 23:41	0° Ω	
morning max el	-1574 Aug 24 j 09:59	28° E 34'22	17°58'51	morning set	-1573 Aug 24 j 05:33	7° Ω 35'16	
	-1574 Aug 25 j 17:49	0° Ω					
morning set	-1574 Sep 10 j 15:20	24° Ω 58'13		superior conj	-1573 Sep 04 j 07:03	27° Ω 04'42	1°17'46
	-1574 Sep 13 j 13:59	0° P		minimum elong	-1573 Sep 04 j 12:12	27° Ω 26'39	1°17'15
superior conj	-1574 Sep 23 j 12:42	16° P 34'45	0°43'16		-1573 Sep 06 j 00:20	0° P	
minimum elong	-1574 Sep 23 j 17:11	16° P 53'02	0°42'41	max. Earth dist.	-1573 Sep 11 j 09:53	8° P 57'31	1.42971 AU
max. Earth dist.	-1574 Sep 28 j 20:15	25° P 08'26	1.44249 AU	desc. node	-1573 Sep 17 j 04:11	18° P 12'13	
desc. node	-1574 Sep 30 j 07:10	27° P 27'08		evening rise	-1573 Sep 19 j 00:47	21° P 07'20	
	-1574 Oct 01 j 21:51	0° U			-1573 Sep 24 j 19:02	0° U	
evening rise	-1574 Oct 09 j 17:51	12° U 12'14			-1573 Oct 15 j 23:37	0° M	
	-1574 Oct 21 j 10:46	0° M		evening max el	-1573 Oct 20 j 01:38	4° M 36'48	21°33'01
evening max el	-1574 Nov 06 j 03:49	21° M 09'17	20°22'49	retrograde	-1573 Oct 28 j 22:44	9° M 53'15	
retrograde	-1574 Nov 14 j 02:03	25° M 49'23		evening set	-1573 Nov 02 j 03:46	8° M 14'58	
asc. node	-1574 Nov 16 j 12:18	25° M 15'32		asc. node	-1573 Nov 03 j 09:21	7° M 08'38	
evening set	-1574 Nov 17 j 20:01	24° M 28'01		inferior conj	-1573 Nov 07 j 12:17	2° M 00'27	1°23'06
inferior conj	-1574 Nov 23 j 06:33	18° M 21'57	2°10'36	minimum elong	-1573 Nov 07 j 10:28	2° M 06'42	1°22'22
				min. Earth dist.	-1573 Nov 07 j 18:04	1° M 40'30	0.67421 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1573 Nov 08 j 23:34	30° \mathbb{R} $\underline{\mathbf{A}}$		min. Earth dist.	-1572 Oct 21 j 14:28	16° $\underline{\mathbf{A}}$ 00'19	0.67573 AU
morning rise	-1573 Nov 12 j 17:01	25° $\underline{\mathbf{A}}$ 46'43		morning rise	-1572 Oct 27 j 01:38	9° $\underline{\mathbf{A}}$ 32'44	
direct	-1573 Nov 17 j 17:22	23° $\underline{\mathbf{A}}$ 38'37		direct	-1572 Oct 31 j 11:14	7° $\underline{\mathbf{A}}$ 47'05	
morning max el	-1573 Nov 27 j 23:18	29° $\underline{\mathbf{A}}$ 44'41	23°15'33	morning max el	-1572 Nov 09 j 12:38	13° $\underline{\mathbf{A}}$ 07'45	21°50'15
	-1573 Nov 28 j 05:19	0° \mathbb{M}			-1572 Nov 22 j 20:33	0° \mathbb{M}	
desc. node	-1573 Dec 14 j 03:28	20° \mathbb{M} 19'29		desc. node	-1572 Nov 30 j 00:31	10° \mathbb{M} 26'19	
	-1573 Dec 20 j 16:34	0° \mathbb{J}		morning set	-1572 Dec 11 j 18:06	28° \mathbb{M} 32'44	
morning set	-1572 Jan 01 j 19:36	19° \mathbb{J} 19'54			-1572 Dec 12 j 15:55	0° \mathbb{J}	
max. Earth dist.	-1572 Jan 06 j 03:38	26° \mathbb{J} 43'21	1.39469 AU	max. Earth dist.	-1572 Dec 18 j 03:14	8° \mathbb{J} 56'20	1.41525 AU
	-1572 Jan 08 j 00:34	0° \mathbb{S}					
superior conj	-1572 Jan 13 j 18:51	10° \mathbb{S} 25'22	-1°56'10	superior conj	-1572 Dec 25 j 18:34	21° \mathbb{J} 59'32	-1°58'45
minimum elong	-1572 Jan 13 j 20:54	10° \mathbb{S} 34'48	1°56'06	minimum elong	-1572 Dec 25 j 17:23	21° \mathbb{J} 54'20	1°58'45
evening rise	-1572 Jan 23 j 04:26	28° \mathbb{S} 18'17			-1572 Dec 30 j 06:26	0° \mathbb{S}	
	-1572 Jan 24 j 01:35	0° \approx		evening rise	-1571 Jan 05 j 10:08	11° \mathbb{S} 16'11	
asc. node	-1572 Jan 30 j 08:41	11° \approx 40'49		asc. node	-1571 Jan 16 j 05:41	0° \approx 13'22	
evening max el	-1572 Feb 08 j 11:38	24° \approx 31'55	18°34'54		-1571 Jan 16 j 02:12	0° \approx	
retrograde	-1572 Feb 16 j 05:01	28° \approx 18'04		evening max el	-1571 Jan 21 j 19:50	7° \approx 23'26	18°12'02
evening set	-1572 Feb 18 j 15:46	27° \approx 56'40		retrograde	-1571 Jan 28 j 17:59	10° \approx 53'00	
inferior conj	-1572 Feb 26 j 04:20	23° \approx 28'39	3°17'46	evening set	-1571 Jan 31 j 08:47	10° \approx 23'50	
minimum elong	-1572 Feb 26 j 08:14	23° \approx 21'03	3°17'01	inferior conj	-1571 Feb 07 j 05:52	5° \approx 34'32	3°49'43
min. Earth dist.	-1572 Feb 29 j 13:51	20° \approx 51'26	0.58277 AU	minimum elong	-1571 Feb 07 j 07:24	5° \approx 31'02	3°49'35
morning rise	-1572 Mar 04 j 22:10	18° \approx 08'00		min. Earth dist.	-1571 Feb 10 j 12:47	2° \approx 37'24	0.60325 AU
direct	-1572 Mar 10 j 20:08	16° \approx 39'46			-1571 Feb 13 j 23:51	30° \mathbb{R} \mathbb{S}	
desc. node	-1572 Mar 11 j 02:37	16° \approx 39'57		morning rise	-1571 Feb 14 j 04:15	29° \mathbb{S} 53'05	
morning max el	-1572 Mar 25 j 03:41	24° \approx 13'32	26°31'19	direct	-1571 Feb 20 j 20:54	27° \mathbb{S} 46'52	
	-1572 Mar 30 j 09:58	0° \mathbb{H}		desc. node	-1571 Feb 25 j 23:40	28° \mathbb{S} 54'57	
	-1572 Apr 18 j 08:02	0° \mathbb{Y}			-1571 Feb 28 j 03:01	0° \approx	
morning set	-1572 Apr 23 j 08:45	10° \mathbb{Y} 09'25		morning max el	-1571 Mar 07 j 02:24	5° \approx 31'35	27°26'27
asc. node	-1572 Apr 27 j 08:03	18° \mathbb{Y} 39'08			-1571 Mar 25 j 08:25	0° \mathbb{H}	
				morning set	-1571 Apr 07 j 16:50	24° \mathbb{H} 55'37	
superior conj	-1572 Apr 30 j 09:26	25° \mathbb{Y} 20'30	0°31'47		-1571 Apr 10 j 02:49	0° \mathbb{Y}	
minimum elong	-1572 Apr 30 j 08:05	25° \mathbb{Y} 13'01	0°31'31	max. Earth dist.	-1571 Apr 14 j 03:21	8° \mathbb{Y} 41'47	1.32451 AU
max. Earth dist.	-1572 Apr 30 j 14:25	25° \mathbb{Y} 47'46	1.32499 AU	asc. node	-1571 Apr 14 j 05:04	8° \mathbb{Y} 51'08	
	-1572 May 02 j 12:31	0° \mathbb{B}					
evening rise	-1572 May 07 j 09:02	10° \mathbb{B} 23'48		superior conj	-1571 Apr 14 j 20:57	10° \mathbb{Y} 18'04	0°07'00
	-1572 May 17 j 13:19	0° \mathbb{I}		minimum elong	-1571 Apr 14 j 20:38	10° \mathbb{Y} 16'20	0°06'57
evening max el	-1572 Jun 06 j 09:42	27° \mathbb{I} 16'11	26°42'45	behind sun begin	-1571 Apr 14 j 16:06	9° \mathbb{Y} 51'27	
desc. node	-1572 Jun 07 j 01:52	27° \mathbb{I} 54'01		behind sun end	-1571 Apr 15 j 01:11	10° \mathbb{Y} 41'13	
	-1572 Jun 09 j 12:57	0° \mathbb{E}		evening rise	-1571 Apr 21 j 19:11	25° \mathbb{Y} 18'20	
retrograde	-1572 Jun 20 j 09:35	4° \mathbb{E} 32'55			-1571 Apr 24 j 01:25	0° \mathbb{B}	
evening set	-1572 Jun 27 j 02:35	2° \mathbb{E} 36'35			-1571 May 11 j 17:24	0° \mathbb{I}	
	-1572 Jun 30 j 21:42	30° \mathbb{R} \mathbb{I}		evening max el	-1571 May 19 j 06:04	8° \mathbb{I} 37'51	25°35'53
min. Earth dist.	-1572 Jun 30 j 23:06	29° \mathbb{I} 57'16	0.60330 AU	desc. node	-1571 May 24 j 22:53	13° \mathbb{I} 09'20	
inferior conj	-1572 Jul 04 j 06:52	27° \mathbb{I} 13'24	-4°31'44	retrograde	-1571 Jun 02 j 07:30	15° \mathbb{I} 50'07	
minimum elong	-1572 Jul 04 j 08:40	27° \mathbb{I} 09'40	4°31'36	evening set	-1571 Jun 08 j 01:02	14° \mathbb{I} 32'14	
morning rise	-1572 Jul 11 j 16:39	22° \mathbb{I} 31'39		min. Earth dist.	-1571 Jun 12 j 18:10	11° \mathbb{I} 48'37	0.58288 AU
direct	-1572 Jul 14 j 04:50	22° \mathbb{I} 07'46		inferior conj	-1571 Jun 16 j 00:23	9° \mathbb{I} 29'27	-4°30'39
morning max el	-1572 Jul 21 j 12:43	25° \mathbb{I} 41'57	18°10'38	minimum elong	-1571 Jun 15 j 22:22	9° \mathbb{I} 33'04	4°30'30
asc. node	-1572 Jul 24 j 07:16	28° \mathbb{I} 47'48		morning rise	-1571 Jun 23 j 22:22	5° \mathbb{I} 09'59	
	-1572 Jul 25 j 05:18	0° \mathbb{E}		direct	-1571 Jun 26 j 10:58	4° \mathbb{I} 49'51	
morning set	-1572 Aug 06 j 11:41	20° \mathbb{E} 59'00		morning max el	-1571 Jul 04 j 18:27	8° \mathbb{I} 44'43	18°46'16
	-1572 Aug 11 j 07:11	0° \mathbb{Q}		asc. node	-1571 Jul 11 j 04:19	16° \mathbb{I} 49'11	
					-1571 Jul 18 j 15:50	0° \mathbb{E}	
superior conj	-1572 Aug 16 j 03:43	8° \mathbb{Q} 53'22	1°38'37	morning set	-1571 Jul 21 j 05:13	4° \mathbb{E} 56'50	
minimum elong	-1572 Aug 16 j 06:58	9° \mathbb{Q} 08'00	1°38'25				
max. Earth dist.	-1572 Aug 23 j 18:13	22° \mathbb{Q} 09'42	1.41224 AU	superior conj	-1571 Jul 29 j 21:15	21° \mathbb{E} 44'57	1°47'25
	-1572 Aug 28 j 11:34	0° \mathbb{P}		minimum elong	-1571 Jul 29 j 22:08	21° \mathbb{E} 49'08	1°47'25
evening rise	-1572 Aug 28 j 22:54	0° \mathbb{P} 46'03			-1571 Aug 03 j 07:54	0° \mathbb{Q}	
desc. node	-1572 Sep 03 j 01:14	8° \mathbb{P} 52'56		max. Earth dist.	-1571 Aug 05 j 21:25	4° \mathbb{Q} 36'16	1.39247 AU
	-1572 Sep 17 j 06:47	0° $\underline{\mathbf{A}}$		evening rise	-1571 Aug 09 j 21:35	11° \mathbb{Q} 34'19	
evening max el	-1572 Oct 01 j 17:54	18° $\underline{\mathbf{A}}$ 05'18	22°51'03	desc. node	-1571 Aug 20 j 22:15	29° \mathbb{Q} 24'38	
retrograde	-1572 Oct 11 j 17:12	24° $\underline{\mathbf{A}}$ 00'18			-1571 Aug 21 j 07:29	0° \mathbb{P}	
evening set	-1572 Oct 16 j 11:11	22° $\underline{\mathbf{A}}$ 03'34			-1571 Sep 12 j 17:06	0° $\underline{\mathbf{A}}$	
asc. node	-1572 Oct 20 j 06:24	17° $\underline{\mathbf{A}}$ 49'25		evening max el	-1571 Sep 14 j 06:17	1° $\underline{\mathbf{A}}$ 35'41	24°11'22
inferior conj	-1572 Oct 21 j 19:11	15° $\underline{\mathbf{A}}$ 44'02	0°31'37	retrograde	-1571 Sep 25 j 08:17	8° $\underline{\mathbf{A}}$ 06'22	
minimum elong	-1572 Oct 21 j 18:27	15° $\underline{\mathbf{A}}$ 46'34	0°31'17	evening set	-1571 Sep 30 j 16:34	5° $\underline{\mathbf{A}}$ 51'06	
				min. Earth dist.	-1571 Oct 05 j 10:28	0° $\underline{\mathbf{A}}$ 21'05	0.67408 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1571 Oct 05 j 16:43	30° \mathbb{R} 11		minimum elong	-1570 Sep 20 j 07:24	13° \mathbb{M} 11'12	1°16'30
inferior conj	-1571 Oct 06 j 01:30	29° \mathbb{M} 30'18	-0°22'22	asc. node	-1570 Sep 24 j 00:32	8° \mathbb{M} 49'30	
minimum elong	-1571 Oct 06 j 02:03	29° \mathbb{M} 28'28	0°22'09	morning rise	-1570 Sep 25 j 20:51	7° \mathbb{M} 18'58	
asc. node	-1571 Oct 07 j 03:27	28° \mathbb{M} 03'31		direct	-1570 Sep 29 j 06:11	6° \mathbb{M} 12'28	
morning rise	-1571 Oct 11 j 11:32	23° \mathbb{M} 24'01		morning max el	-1570 Oct 06 j 12:16	10° \mathbb{M} 20'40	19°29'39
direct	-1571 Oct 15 j 07:56	21° \mathbb{M} 59'24			-1570 Oct 20 j 22:35	0° \mathbb{L}	
morning max el	-1571 Oct 23 j 08:44	26° \mathbb{M} 39'45	20°33'31	morning set	-1570 Oct 30 j 18:32	15° \mathbb{L} 09'36	
	-1571 Oct 26 j 08:45	0° \mathbb{L}		desc. node	-1570 Nov 03 j 18:36	21° \mathbb{L} 23'36	
	-1571 Nov 16 j 08:40	0° \mathbb{M}			-1570 Nov 09 j 06:32	0° \mathbb{M}	
desc. node	-1571 Nov 16 j 21:35	0° \mathbb{M} 49'27		max. Earth dist.	-1570 Nov 12 j 23:13	5° \mathbb{M} 49'46	1.44442 AU
morning set	-1571 Nov 20 j 18:34	6° \mathbb{M} 47'59					
max. Earth dist.	-1571 Nov 30 j 09:54	22° \mathbb{M} 02'12	1.43254 AU	superior conj	-1570 Nov 16 j 12:55	11° \mathbb{M} 30'37	-1°16'41
	-1571 Dec 05 j 06:59	0° \mathbb{L}		minimum elong	-1570 Nov 16 j 05:06	10° \mathbb{M} 59'24	1°15'53
					-1570 Nov 27 j 21:25	0° \mathbb{L}	
superior conj	-1571 Dec 06 j 17:13	2° \mathbb{L} 21'57	-1°46'34	evening rise	-1570 Nov 30 j 18:16	4° \mathbb{L} 46'41	
minimum elong	-1571 Dec 06 j 11:37	1° \mathbb{L} 58'39	1°46'14		-1570 Dec 16 j 13:29	0° \mathbb{L}	
evening rise	-1571 Dec 19 j 00:16	23° \mathbb{L} 28'48		evening max el	-1570 Dec 19 j 20:08	3° \mathbb{L} 53'09	18°24'33
	-1571 Dec 22 j 17:18	0° \mathbb{L}		asc. node	-1570 Dec 20 j 23:44	4° \mathbb{L} 58'39	
asc. node	-1570 Jan 03 j 02:41	18° \mathbb{L} 03'39		retrograde	-1570 Dec 26 j 09:22	7° \mathbb{L} 28'28	
evening max el	-1570 Jan 05 j 07:37	20° \mathbb{L} 33'02	18°08'50	evening set	-1570 Dec 29 j 08:34	6° \mathbb{L} 40'33	
retrograde	-1570 Jan 11 j 20:57	23° \mathbb{L} 59'44		inferior conj	-1569 Jan 04 j 08:20	1° \mathbb{L} 11'26	3°40'31
evening set	-1570 Jan 14 j 15:35	23° \mathbb{L} 21'49		minimum elong	-1569 Jan 04 j 06:06	1° \mathbb{L} 17'50	3°40'11
inferior conj	-1570 Jan 21 j 00:32	18° \mathbb{L} 11'48	3°54'44		-1569 Jan 05 j 09:10	30° \mathbb{R} 1	
minimum elong	-1570 Jan 20 j 23:47	18° \mathbb{L} 13'42	3°54'41	min. Earth dist.	-1569 Jan 06 j 13:04	28° \mathbb{L} 40'51	0.64098 AU
min. Earth dist.	-1570 Jan 23 j 20:07	15° \mathbb{L} 18'37	0.62335 AU	morning rise	-1569 Jan 10 j 03:05	25° \mathbb{L} 08'19	
morning rise	-1570 Jan 27 j 06:57	12° \mathbb{L} 17'10		direct	-1569 Jan 17 j 01:37	22° \mathbb{L} 17'40	
direct	-1570 Feb 03 j 07:26	9° \mathbb{L} 41'19		morning max el	-1569 Jan 30 j 15:29	0° \mathbb{L} 04'41	27°28'41
desc. node	-1570 Feb 12 j 20:44	13° \mathbb{L} 37'36		desc. node	-1569 Jan 30 j 17:47	0° \mathbb{L} 10'26	
morning max el	-1570 Feb 17 j 07:06	17° \mathbb{L} 30'55	27°45'38		-1569 Jan 30 j 13:36	0° \mathbb{L}	
	-1570 Feb 27 j 17:51	0° \mathbb{L}			-1569 Feb 21 j 16:52	0° \mathbb{L}	
	-1570 Mar 18 j 01:04	0° \mathbb{L}		morning set	-1569 Mar 06 j 15:31	23° \mathbb{L} 25'50	
morning set	-1570 Mar 22 j 20:00	9° \mathbb{L} 24'23			-1569 Mar 09 j 21:56	0° \mathbb{L}	
max. Earth dist.	-1570 Mar 28 j 12:56	21° \mathbb{L} 21'24	1.32773 AU	max. Earth dist.	-1569 Mar 11 j 15:12	3° \mathbb{L} 33'08	1.33504 AU
superior conj	-1570 Mar 30 j 06:50	25° \mathbb{L} 07'31	-0°18'55	superior conj	-1569 Mar 14 j 13:12	9° \mathbb{L} 41'45	-0°45'00
minimum elong	-1570 Mar 30 j 07:43	25° \mathbb{L} 12'17	0°18'44	minimum elong	-1569 Mar 14 j 15:17	9° \mathbb{L} 52'51	0°44'37
asc. node	-1570 Apr 01 j 02:05	29° \mathbb{L} 02'23		asc. node	-1569 Mar 18 j 23:06	19° \mathbb{L} 08'05	
	-1570 Apr 01 j 12:41	0° \mathbb{Y}		evening rise	-1569 Mar 21 j 18:10	25° \mathbb{L} 03'50	
evening rise	-1570 Apr 06 j 06:50	10° \mathbb{Y} 14'06			-1569 Mar 24 j 03:26	0° \mathbb{Y}	
	-1570 Apr 16 j 12:14	0° \mathbb{L}		evening max el	-1569 Apr 12 j 14:00	0° \mathbb{L} 03'45	22°33'09
evening max el	-1570 Apr 30 j 21:36	19° \mathbb{L} 25'32	24°08'03		-1569 Apr 12 j 12:27	0° \mathbb{L}	
desc. node	-1570 May 11 j 19:52	26° \mathbb{L} 03'57		retrograde	-1569 Apr 25 j 15:34	6° \mathbb{L} 28'58	
retrograde	-1570 May 14 j 18:03	26° \mathbb{L} 23'32		evening set	-1569 Apr 28 j 16:38	6° \mathbb{L} 08'39	
evening set	-1570 May 19 j 02:21	25° \mathbb{L} 41'27		desc. node	-1569 Apr 28 j 16:54	6° \mathbb{L} 08'30	
min. Earth dist.	-1570 May 25 j 09:02	22° \mathbb{L} 38'05	0.56513 AU	min. Earth dist.	-1569 May 06 j 22:26	2° \mathbb{L} 34'14	0.55357 AU
inferior conj	-1570 May 27 j 21:47	21° \mathbb{L} 03'24	-3°52'57	inferior conj	-1569 May 08 j 01:07	1° \mathbb{L} 56'14	-2°31'37
minimum elong	-1570 May 27 j 15:52	21° \mathbb{L} 12'40	3°51'46	minimum elong	-1569 May 07 j 18:51	2° \mathbb{L} 05'09	2°29'42
morning rise	-1570 Jun 05 j 08:23	17° \mathbb{L} 01'37			-1569 May 11 j 14:14	30° \mathbb{R} 1	
direct	-1570 Jun 07 j 22:03	16° \mathbb{L} 44'11		morning rise	-1569 May 16 j 23:00	28° \mathbb{Y} 00'59	
morning max el	-1570 Jun 17 j 15:20	21° \mathbb{L} 14'23	19°42'39	direct	-1569 May 19 j 16:20	27° \mathbb{Y} 43'52	
	-1570 Jun 24 j 16:42	0° \mathbb{L}			-1569 May 27 j 02:50	0° \mathbb{L}	
asc. node	-1570 Jun 28 j 01:24	5° \mathbb{L} 32'28		morning max el	-1569 May 31 j 01:18	3° \mathbb{L} 02'19	20°59'08
morning set	-1570 Jul 05 j 06:48	19° \mathbb{L} 20'19		asc. node	-1569 Jun 14 j 22:27	24° \mathbb{L} 46'56	
	-1570 Jul 10 j 13:21	0° \mathbb{L}			-1569 Jun 17 j 14:14	0° \mathbb{L}	
				morning set	-1569 Jun 19 j 13:51	4° \mathbb{L} 02'05	
superior conj	-1570 Jul 13 j 06:09	5° \mathbb{L} 23'49	1°46'36				
minimum elong	-1570 Jul 13 j 05:10	5° \mathbb{L} 18'57	1°46'36	superior conj	-1569 Jun 27 j 01:54	19° \mathbb{L} 36'32	1°38'26
max. Earth dist.	-1570 Jul 19 j 00:17	16° \mathbb{L} 30'12	1.37306 AU	minimum elong	-1569 Jun 26 j 23:47	19° \mathbb{L} 25'40	1°38'17
evening rise	-1570 Jul 22 j 20:45	23° \mathbb{L} 34'10		max. Earth dist.	-1569 Jul 01 j 09:28	28° \mathbb{L} 19'30	1.35602 AU
	-1570 Jul 26 j 12:34	0° \mathbb{L}			-1569 Jul 02 j 05:53	0° \mathbb{L}	
desc. node	-1570 Aug 07 j 19:14	19° \mathbb{L} 42'23		evening rise	-1569 Jul 05 j 15:47	6° \mathbb{L} 33'25	
	-1570 Aug 15 j 00:27	0° \mathbb{M}			-1569 Jul 19 j 05:59	0° \mathbb{L}	
evening max el	-1570 Aug 27 j 17:27	15° \mathbb{M} 09'41	25°26'43	desc. node	-1569 Jul 25 j 16:14	9° \mathbb{L} 39'49	
retrograde	-1570 Sep 08 j 19:03	22° \mathbb{M} 07'12		evening max el	-1569 Aug 10 j 05:04	28° \mathbb{L} 44'23	26°29'13
evening set	-1570 Sep 14 j 18:06	19° \mathbb{M} 35'31			-1569 Aug 11 j 13:19	0° \mathbb{M}	
min. Earth dist.	-1570 Sep 19 j 03:39	14° \mathbb{M} 41'05	0.66928 AU	retrograde	-1569 Aug 23 j 00:51	5° \mathbb{M} 57'36	
inferior conj	-1570 Sep 20 j 05:31	13° \mathbb{M} 17'20	-1°17'18	evening set	-1569 Aug 29 j 13:44	3° \mathbb{M} 14'20	

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	-1569 Sep 01 j 18:21	30° \mathbb{R} 8 \mathbb{Q}		inferior conj	-1568 Aug 17 j 22:44	10° \mathbb{Q} 41'12	-3°02'18
min. Earth dist.	-1569 Sep 02 j 15:34	28° \mathbb{Q} 57'25	0.66108 AU	minimum elong	-1568 Aug 18 j 02:51	10° \mathbb{Q} 29'39	3°00'59
inferior conj	-1569 Sep 04 j 05:20	27° \mathbb{Q} 02'38	-2°11'21	morning rise	-1568 Aug 24 j 05:26	5° \mathbb{Q} 08'34	
minimum elong	-1569 Sep 04 j 08:31	26° \mathbb{Q} 52'58	2°10'08	direct	-1568 Aug 26 j 23:40	4° \mathbb{Q} 27'59	
morning rise	-1569 Sep 10 j 03:37	21° \mathbb{Q} 15'25		asc. node	-1568 Aug 27 j 18:43	4° \mathbb{Q} 31'21	
asc. node	-1569 Sep 10 j 21:37	20° \mathbb{Q} 52'56		morning max el	-1568 Sep 02 j 12:10	7° \mathbb{Q} 58'41	18°09'20
direct	-1569 Sep 13 j 04:13	20° \mathbb{Q} 23'33			-1568 Sep 17 j 10:09	0° \mathbb{M}	
morning max el	-1569 Sep 19 j 22:10	24° \mathbb{Q} 08'40	18°41'10	morning set	-1568 Sep 20 j 17:31	5° \mathbb{M} 31'02	
	-1569 Sep 24 j 17:42	0° \mathbb{M}					
morning set	-1569 Oct 10 j 15:54	24° \mathbb{M} 38'56		superior conj	-1568 Oct 04 j 19:06	28° \mathbb{M} 30'02	0°17'43
	-1569 Oct 14 j 00:27	0° \mathbb{Q}		minimum elong	-1568 Oct 04 j 21:16	28° \mathbb{M} 38'38	0°17'25
desc. node	-1569 Oct 21 j 15:37	12° \mathbb{Q} 05'15			-1568 Oct 05 j 17:40	0° \mathbb{Q}	
				desc. node	-1568 Oct 07 j 12:39	2° \mathbb{Q} 50'41	
superior conj	-1569 Oct 26 j 14:35	19° \mathbb{Q} 53'40	-0°31'44	max. Earth dist.	-1568 Oct 08 j 11:54	4° \mathbb{Q} 22'42	1.44710 AU
minimum elong	-1569 Oct 26 j 10:25	19° \mathbb{Q} 37'17	0°31'11	evening rise	-1568 Oct 21 j 08:03	24° \mathbb{Q} 26'54	
max. Earth dist.	-1569 Oct 26 j 17:04	20° \mathbb{Q} 03'26	1.44947 AU		-1568 Oct 24 j 22:08	0° \mathbb{M}	
	-1569 Nov 02 j 00:34	0° \mathbb{M}		greatest brilliancy	-1568 Nov 03 j 05:07	14° \mathbb{M} 12'08	-0.7m
evening rise	-1569 Nov 11 j 12:37	15° \mathbb{M} 04'52			-1568 Nov 14 j 20:16	0° \mathbb{Q}	
	-1569 Nov 20 j 21:14	0° \mathbb{Q}		evening max el	-1568 Nov 15 j 13:34	0° \mathbb{Q} 45'58	19°47'39
evening max el	-1569 Dec 03 j 06:53	17° \mathbb{Q} 18'52	18°57'59	retrograde	-1568 Nov 23 j 00:42	5° \mathbb{Q} 07'13	
asc. node	-1569 Dec 07 j 20:48	20° \mathbb{Q} 43'57		asc. node	-1568 Nov 23 j 17:53	5° \mathbb{Q} 04'16	
retrograde	-1569 Dec 10 j 03:39	21° \mathbb{Q} 12'46		evening set	-1568 Nov 26 j 13:25	3° \mathbb{Q} 54'19	
evening set	-1569 Dec 13 j 08:43	20° \mathbb{Q} 13'20			-1568 Nov 30 j 10:55	30° \mathbb{R} \mathbb{M}	
inferior conj	-1569 Dec 19 j 01:45	14° \mathbb{Q} 27'20	3°12'48	inferior conj	-1568 Dec 02 j 01:47	27° \mathbb{M} 54'26	2°35'25
minimum elong	-1569 Dec 18 j 22:52	14° \mathbb{Q} 36'18	3°12'05	minimum elong	-1568 Dec 01 j 22:56	28° \mathbb{M} 03'50	2°34'30
min. Earth dist.	-1569 Dec 20 j 15:26	12° \mathbb{Q} 30'16	0.65504 AU	min. Earth dist.	-1568 Dec 03 j 01:51	26° \mathbb{M} 35'05	0.66527 AU
morning rise	-1569 Dec 24 j 12:45	8° \mathbb{Q} 18'30		morning rise	-1568 Dec 07 j 08:17	21° \mathbb{M} 41'52	
direct	-1569 Dec 31 j 02:12	5° \mathbb{Q} 27'58		direct	-1568 Dec 13 j 08:22	19° \mathbb{M} 02'54	
morning max el	-1568 Jan 13 j 01:05	13° \mathbb{Q} 02'21	26°40'42	morning max el	-1568 Dec 25 j 10:10	26° \mathbb{M} 12'25	25°29'51
desc. node	-1568 Jan 17 j 14:52	18° \mathbb{Q} 02'11			-1568 Dec 28 j 22:36	0° \mathbb{Q}	
	-1568 Jan 26 j 18:51	0° \mathbb{Q}		desc. node	-1567 Jan 03 j 11:54	6° \mathbb{Q} 49'16	
	-1568 Feb 14 j 07:53	0° \mathbb{Q}			-1567 Jan 19 j 08:42	0° \mathbb{Q}	
morning set	-1568 Feb 17 j 23:59	6° \mathbb{Q} 49'21		morning set	-1567 Jan 30 j 16:42	19° \mathbb{Q} 21'09	
max. Earth dist.	-1568 Feb 22 j 06:56	15° \mathbb{Q} 10'36	1.34679 AU	max. Earth dist.	-1567 Feb 03 j 11:13	26° \mathbb{Q} 20'32	1.36290 AU
					-1567 Feb 05 j 09:12	0° \mathbb{Q}	
superior conj	-1568 Feb 26 j 13:55	23° \mathbb{Q} 54'08	-1°10'02	superior conj	-1567 Feb 09 j 06:15	7° \mathbb{Q} 36'26	-1°32'23
minimum elong	-1568 Feb 26 j 17:01	24° \mathbb{Q} 10'08	1°09'33	minimum elong	-1567 Feb 09 j 09:49	7° \mathbb{Q} 54'16	1°31'58
	-1568 Feb 29 j 12:07	0° \mathbb{Q}		evening rise	-1567 Feb 17 j 08:25	24° \mathbb{Q} 00'59	
asc. node	-1568 Mar 04 j 20:08	9° \mathbb{Q} 04'07		asc. node	-1567 Feb 19 j 17:11	28° \mathbb{Q} 45'35	
evening rise	-1568 Mar 05 j 03:23	9° \mathbb{Q} 41'41			-1567 Feb 20 j 08:18	0° \mathbb{Q}	
	-1568 Mar 15 j 23:38	0° \mathbb{Y}		evening max el	-1567 Mar 06 j 23:52	22° \mathbb{Q} 31'23	19°51'21
evening max el	-1568 Mar 24 j 13:36	11° \mathbb{Y} 00'09	21°04'38	retrograde	-1567 Mar 16 j 22:25	27° \mathbb{Q} 16'23	
retrograde	-1568 Apr 05 j 04:55	16° \mathbb{Y} 36'39		evening set	-1567 Mar 19 j 02:54	27° \mathbb{Q} 03'37	
evening set	-1568 Apr 07 j 12:43	16° \mathbb{Y} 24'03		inferior conj	-1567 Mar 27 j 20:05	23° \mathbb{Q} 01'58	1°16'36
desc. node	-1568 Apr 14 j 13:58	13° \mathbb{Y} 40'16		minimum elong	-1567 Mar 27 j 23:14	22° \mathbb{Q} 57'05	1°15'33
inferior conj	-1568 Apr 16 j 19:44	12° \mathbb{Y} 25'33	-0°38'04	min. Earth dist.	-1567 Mar 30 j 01:57	21° \mathbb{Q} 39'03	0.55739 AU
minimum elong	-1568 Apr 16 j 17:56	12° \mathbb{Y} 28'06	0°37'25	desc. node	-1567 Apr 01 j 11:01	20° \mathbb{Q} 17'20	
min. Earth dist.	-1568 Apr 17 j 11:46	12° \mathbb{Y} 02'53	0.55079 AU	morning rise	-1567 Apr 05 j 17:20	18° \mathbb{Q} 28'48	
morning rise	-1568 Apr 25 j 22:54	8° \mathbb{Y} 19'48		direct	-1567 Apr 09 j 19:51	17° \mathbb{Q} 51'30	
direct	-1568 Apr 29 j 03:27	7° \mathbb{Y} 57'44		morning max el	-1567 Apr 23 j 17:08	24° \mathbb{Q} 47'01	24°12'05
morning max el	-1568 May 12 j 00:41	14° \mathbb{Y} 08'33	22°31'52		-1567 Apr 28 j 12:24	0° \mathbb{Y}	
	-1568 May 24 j 01:56	0° \mathbb{Q}			-1567 May 16 j 14:42	0° \mathbb{Q}	
asc. node	-1568 May 31 j 19:30	14° \mathbb{Q} 24'31		morning set	-1567 May 18 j 12:11	3° \mathbb{Q} 56'04	
morning set	-1568 Jun 03 j 00:14	18° \mathbb{Q} 55'50		asc. node	-1567 May 18 j 16:32	4° \mathbb{Q} 18'56	
	-1568 Jun 08 j 05:33	0° \mathbb{I}					
superior conj	-1568 Jun 10 j 05:06	4° \mathbb{I} 12'44	1°24'39	superior conj	-1567 May 25 j 13:12	19° \mathbb{Q} 04'31	1°06'34
minimum elong	-1568 Jun 10 j 02:33	3° \mathbb{I} 59'13	1°24'21	minimum elong	-1567 May 25 j 10:46	18° \mathbb{Q} 51'26	1°06'12
max. Earth dist.	-1568 Jun 13 j 04:13	10° \mathbb{I} 25'20	1.34249 AU	max. Earth dist.	-1567 May 27 j 08:02	22° \mathbb{Q} 54'57	1.33277 AU
evening rise	-1568 Jun 18 j 01:39	20° \mathbb{I} 17'36			-1567 May 30 j 16:33	0° \mathbb{I}	
	-1568 Jun 23 j 04:46	0° \mathbb{Q}		evening rise	-1567 Jun 01 j 22:08	4° \mathbb{I} 34'38	
desc. node	-1568 Jul 11 j 13:16	29° \mathbb{Q} 07'37			-1567 Jun 15 j 21:15	0° \mathbb{Q}	
	-1568 Jul 12 j 04:56	0° \mathbb{Q}		desc. node	-1567 Jun 28 j 10:18	17° \mathbb{Q} 53'23	
evening max el	-1568 Jul 22 j 16:48	12° \mathbb{Q} 09'44	27°10'59	evening max el	-1567 Jul 05 j 03:00	25° \mathbb{Q} 13'51	27°25'18
retrograde	-1568 Aug 05 j 01:07	19° \mathbb{Q} 29'38			-1567 Jul 11 j 02:09	0° \mathbb{Q}	
evening set	-1568 Aug 12 j 00:53	16° \mathbb{Q} 43'01		retrograde	-1567 Jul 18 j 19:36	2° \mathbb{Q} 34'56	
min. Earth dist.	-1568 Aug 15 j 19:48	13° \mathbb{Q} 03'29	0.64922 AU		-1567 Jul 25 j 22:32	30° \mathbb{R} \mathbb{Q}	

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evening set	-1567 Jul 26 j 00:20	29° ☿ 56'46		evening set	-1566 Jul 08 j 07:57	12° ☿ 47'48	
min. Earth dist.	-1567 Jul 29 j 14:34	26° ☿ 49'59	0.63368 AU	min. Earth dist.	-1566 Jul 11 j 23:15	10° ☿ 02'49	0.61493 AU
inferior conj	-1567 Aug 01 j 07:03	24° ☿ 07'41	-3°46'58	inferior conj	-1566 Jul 15 j 03:05	7° ☿ 14'03	-4°20'28
minimum elong	-1567 Aug 01 j 11:23	23° ☿ 56'44	3°45'57	minimum elong	-1566 Jul 15 j 06:20	7° ☿ 06'47	4°20'02
morning rise	-1567 Aug 07 j 23:28	18° ☿ 52'54		morning rise	-1566 Jul 22 j 06:18	2° ☿ 19'44	
direct	-1567 Aug 10 j 13:38	18° ☿ 20'37		direct	-1566 Jul 24 j 18:32	1° ☿ 53'26	
asc. node	-1567 Aug 14 j 15:46	19° ☿ 41'51		morning max el	-1566 Jul 31 j 17:38	5° ☿ 21'34	17°59'21
morning max el	-1567 Aug 17 j 03:38	21° ☿ 45'33	17°55'05	asc. node	-1566 Aug 01 j 12:48	6° ☿ 10'30	
	-1567 Aug 23 j 11:08	0° ♊			-1566 Aug 16 j 10:28	0° ♊	
morning set	-1567 Sep 02 j 20:01	17° ♊ 34'30		morning set	-1566 Aug 16 j 17:34	0° ♊ 32'32	
	-1567 Sep 10 j 00:17	0° ♊					
superior conj	-1567 Sep 14 j 21:36	8° ♊ 13'23	0°59'34	superior conj	-1566 Aug 27 j 03:36	19° ♊ 18'07	1°28'14
minimum elong	-1567 Sep 15 j 02:50	8° ♊ 35'05	0°58'57	minimum elong	-1566 Aug 27 j 08:07	19° ♊ 37'47	1°27'50
max. Earth dist.	-1567 Sep 21 j 04:02	18° ♊ 27'21	1.43773 AU		-1566 Sep 02 j 10:02	0° ♊	
desc. node	-1567 Sep 24 j 09:41	23° ♊ 36'58		max. Earth dist.	-1566 Sep 03 j 14:51	1° ♊ 59'41	1.42265 AU
	-1567 Sep 28 j 11:15	0° ♋		evening rise	-1566 Sep 10 j 01:44	12° ♊ 26'16	
evening rise	-1567 Sep 30 j 14:22	3° ♋ 18'16		desc. node	-1566 Sep 11 j 06:43	14° ♊ 20'39	
	-1567 Oct 18 j 11:00	0° ♋			-1566 Sep 21 j 12:49	0° ♋	
evening max el	-1567 Oct 29 j 14:42	14° ♋ 13'11	20°51'18	evening max el	-1566 Oct 12 j 09:56	27° ♋ 40'49	22°05'35
retrograde	-1567 Nov 06 j 22:12	19° ♋ 08'38			-1566 Oct 14 j 21:34	0° ♋	
evening set	-1567 Nov 10 j 20:35	17° ♋ 40'15		retrograde	-1566 Oct 21 j 18:12	3° ♋ 14'18	
asc. node	-1567 Nov 10 j 14:57	17° ♋ 50'35		evening set	-1566 Oct 26 j 04:24	1° ♋ 28'29	
inferior conj	-1567 Nov 16 j 06:03	11° ♋ 29'50	1°51'03		-1566 Oct 27 j 17:57	30° ♋	
minimum elong	-1567 Nov 16 j 03:45	11° ♋ 37'43	1°50'10	asc. node	-1566 Oct 28 j 11:58	29° ♋ 09'20	
min. Earth dist.	-1567 Nov 16 j 18:08	10° ♋ 48'35	0.67188 AU	inferior conj	-1566 Oct 31 j 12:31	25° ♋ 11'18	1°01'42
morning rise	-1567 Nov 21 j 10:44	5° ♋ 15'42		minimum elong	-1566 Oct 31 j 11:08	25° ♋ 16'06	1°01'06
direct	-1567 Nov 26 j 19:45	2° ♋ 55'19		min. Earth dist.	-1566 Oct 31 j 13:49	25° ♋ 06'48	0.67516 AU
morning max el	-1567 Dec 07 j 18:48	9° ♋ 27'37	24°05'51	morning rise	-1566 Nov 05 j 17:42	18° ♋ 58'01	
desc. node	-1567 Dec 21 j 08:58	26° ♋ 15'49		direct	-1566 Nov 10 j 11:36	16° ♋ 59'24	
	-1567 Dec 24 j 00:16	0° ♌		morning max el	-1566 Nov 20 j 05:18	22° ♋ 46'37	22°38'35
morning set	-1566 Jan 12 j 11:41	0° ♌ 44'49			-1566 Nov 26 j 11:51	0° ♋	
	-1566 Jan 12 j 01:16	0° ♌		desc. node	-1566 Dec 08 j 06:01	16° ♋ 10'37	
max. Earth dist.	-1566 Jan 16 j 07:27	7° ♌ 27'47	1.38254 AU		-1566 Dec 17 j 09:24	0° ♌	
superior conj	-1566 Jan 23 j 10:36	20° ♌ 38'42	-1°49'42	morning set	-1566 Dec 24 j 03:03	10° ♌ 46'13	
minimum elong	-1566 Jan 23 j 13:38	20° ♌ 53'12	1°49'29	max. Earth dist.	-1566 Dec 29 j 03:20	19° ♌ 08'20	1.40360 AU
	-1566 Jan 28 j 06:26	0° ♍			-1565 Jan 04 j 08:42	0° ♌	
evening rise	-1566 Feb 01 j 06:49	7° ♍ 54'31		superior conj	-1565 Jan 05 j 22:24	2° ♌ 49'37	-1°58'48
asc. node	-1566 Feb 06 j 14:14	18° ♍ 06'15		minimum elong	-1565 Jan 05 j 23:19	2° ♌ 53'43	1°58'48
	-1566 Feb 13 j 20:51	0° ♎		evening rise	-1565 Jan 15 j 19:39	21° ♌ 15'18	
evening max el	-1566 Feb 17 j 20:38	4° ♎ 39'22	18°57'03		-1565 Jan 20 j 11:50	0° ♍	
retrograde	-1566 Feb 26 j 06:37	8° ♎ 42'33		asc. node	-1565 Jan 24 j 11:16	6° ♍ 59'18	
evening set	-1566 Feb 28 j 14:33	8° ♎ 25'11		evening max el	-1565 Feb 01 j 01:37	17° ♍ 18'22	18°22'45
inferior conj	-1566 Mar 08 j 13:25	4° ♎ 08'51	2°44'02	retrograde	-1565 Feb 08 j 09:25	20° ♍ 55'20	
minimum elong	-1566 Mar 08 j 18:01	4° ♎ 00'38	2°42'52	evening set	-1565 Feb 10 j 21:56	20° ♍ 30'50	
min. Earth dist.	-1566 Mar 11 j 18:00	1° ♎ 53'27	0.57194 AU	inferior conj	-1565 Feb 18 j 03:34	15° ♍ 54'13	3°35'06
	-1566 Mar 14 j 19:24	30° ♎		minimum elong	-1565 Feb 18 j 06:33	15° ♍ 48'01	3°34'40
morning rise	-1566 Mar 16 j 18:34	29° ♎ 03'29		min. Earth dist.	-1565 Feb 21 j 13:40	13° ♍ 05'12	0.59137 AU
desc. node	-1566 Mar 19 j 08:04	28° ♎ 14'38		morning rise	-1565 Feb 25 j 12:53	10° ♍ 23'39	
direct	-1566 Mar 22 j 01:24	27° ♎ 56'41		direct	-1565 Mar 03 j 20:16	8° ♍ 38'29	
	-1566 Mar 29 j 08:13	0° ♏		desc. node	-1565 Mar 06 j 05:06	8° ♍ 52'58	
morning max el	-1566 Apr 05 j 08:19	5° ♏ 21'31	25°46'03	morning max el	-1565 Mar 18 j 03:19	16° ♍ 18'15	26°58'42
	-1566 Apr 23 j 05:46	0° ♏			-1565 Mar 29 j 08:34	0° ♏	
morning set	-1566 May 02 j 23:59	18° ♏ 55'44		morning set	-1565 Apr 15 j 13:33	0° ♏	
asc. node	-1566 May 05 j 13:34	24° ♏ 23'54		asc. node	-1565 Apr 17 j 09:57	3° ♏ 48'46	
	-1566 May 08 j 03:26	0° ♐			-1565 Apr 22 j 10:36	14° ♏ 34'46	
superior conj	-1566 May 09 j 23:59	4° ♐ 03'37	0°45'14	superior conj	-1565 Apr 24 j 11:44	19° ♏ 03'45	0°21'29
minimum elong	-1566 May 09 j 22:08	3° ♐ 53'31	0°44'53	minimum elong	-1565 Apr 24 j 10:48	18° ♏ 58'34	0°21'17
max. Earth dist.	-1566 May 10 j 18:06	5° ♐ 42'30	1.32677 AU	max. Earth dist.	-1565 Apr 24 j 06:59	18° ♏ 37'41	1.32436 AU
evening rise	-1566 May 17 j 01:52	19° ♐ 13'02			-1565 Apr 29 j 12:17	0° ♐	
	-1566 May 22 j 12:00	0° ♑		evening rise	-1565 May 01 j 10:19	4° ♐ 04'11	
desc. node	-1566 Jun 15 j 07:18	5° ♑ 38'32			-1565 May 15 j 08:10	0° ♑	
evening max el	-1566 Jun 17 j 09:18	7° ♑ 43'47	27°07'45	evening max el	-1565 May 30 j 09:43	19° ♑ 31'26	26°17'38
retrograde	-1566 Jul 01 j 07:28	15° ♑ 03'11		desc. node	-1565 Jun 02 j 04:18	21° ♑ 57'54	
				retrograde	-1565 Jun 13 j 11:05	26° ♑ 46'49	
				evening set	-1565 Jun 19 j 19:22	25° ♑ 06'41	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

min. Earth dist.	-1565 Jun 23 j 22:47	22° Π 27'19	0.59449 AU		-1564 May 10 j 12:30	0° Π	
inferior conj	-1565 Jun 27 j 07:18	19° Π 51'26	-4°35'03	evening max el	-1564 May 11 j 03:49	0° Π 37'25	25°00'20
minimum elong	-1565 Jun 27 j 07:39	19° Π 50'45	4°35'01	desc. node	-1564 May 19 j 01:18	6° Π 18'22	
morning rise	-1565 Jul 04 j 22:10	15° Π 19'05		retrograde	-1564 May 25 j 04:05	7° Π 44'24	
direct	-1565 Jul 07 j 10:19	14° Π 56'58		evening set	-1564 May 30 j 08:14	6° Π 43'03	
morning max el	-1565 Jul 15 j 03:10	18° Π 38'47	18°23'12	min. Earth dist.	-1564 Jun 04 j 15:38	3° Π 52'39	0.57484 AU
asc. node	-1565 Jul 19 j 09:52	23° Π 42'06		inferior conj	-1564 Jun 07 j 16:26	1° Π 50'42	-4°19'48
	-1565 Jul 23 j 11:13	0° \mathfrak{C}		minimum elong	-1564 Jun 07 j 12:34	1° Π 57'13	4°19'19
morning set	-1565 Jul 31 j 04:59	14° \mathfrak{C} 11'40			-1564 Jun 10 j 12:53	30° \mathfrak{R} 8	
	-1565 Aug 08 j 13:13	0° Ω		morning rise	-1564 Jun 15 j 19:43	27° \mathfrak{R} 39'21	
				direct	-1564 Jun 18 j 08:51	27° \mathfrak{R} 20'22	
superior conj	-1565 Aug 09 j 09:45	1° Ω 34'47	1°43'41		-1564 Jun 25 j 11:29	0° Π	
minimum elong	-1565 Aug 09 j 11:59	1° Ω 45'01	1°43'35	morning max el	-1564 Jun 27 j 05:22	1° Π 28'26	19°07'41
max. Earth dist.	-1565 Aug 16 j 20:20	14° Ω 50'42	1.40394 AU	asc. node	-1564 Jul 05 j 06:56	12° Π 02'55	
evening rise	-1565 Aug 21 j 09:45	22° Ω 32'49		morning set	-1564 Jul 14 j 02:22	28° Π 22'01	
	-1565 Aug 25 j 23:55	0° \mathfrak{M}			-1564 Jul 14 j 22:10	0° \mathfrak{C}	
desc. node	-1565 Aug 29 j 03:42	4° \mathfrak{M} 57'50					
	-1565 Sep 15 j 12:59	0° $\underline{\mathfrak{A}}$		superior conj	-1564 Jul 22 j 10:29	14° \mathfrak{C} 48'32	1°48'06
evening max el	-1565 Sep 25 j 00:21	11° $\underline{\mathfrak{A}}$ 10'04	23°25'31	minimum elong	-1564 Jul 22 j 10:30	14° \mathfrak{C} 48'35	1°48'07
retrograde	-1565 Oct 05 j 11:15	17° $\underline{\mathfrak{A}}$ 20'47		max. Earth dist.	-1564 Jul 28 j 23:16	27° \mathfrak{C} 03'28	1.38406 AU
evening set	-1565 Oct 10 j 11:07	15° $\underline{\mathfrak{A}}$ 16'21			-1564 Jul 30 j 14:30	0° Ω	
asc. node	-1565 Oct 15 j 09:01	9° $\underline{\mathfrak{A}}$ 31'25		evening rise	-1564 Aug 01 j 19:20	3° Ω 53'00	
inferior conj	-1565 Oct 15 j 19:22	8° $\underline{\mathfrak{A}}$ 56'00	0°08'55	desc. node	-1564 Aug 15 j 00:42	25° Ω 24'35	
minimum elong	-1565 Oct 15 j 19:09	8° $\underline{\mathfrak{A}}$ 56'44	0°08'49		-1564 Aug 18 j 02:25	0° \mathfrak{M}	
transit middle	-1565 Oct 15 j 19:09	8° $\underline{\mathfrak{A}}$ 56'44	0°08'49	evening max el	-1564 Sep 06 j 12:07	24° \mathfrak{M} 42'54	24°44'33
transit begin	-1565 Oct 15 j 16:52	9° $\underline{\mathfrak{A}}$ 04'33			-1564 Sep 13 j 04:09	0° $\underline{\mathfrak{A}}$	
transit end	-1565 Oct 15 j 21:25	8° $\underline{\mathfrak{A}}$ 48'56		retrograde	-1564 Sep 18 j 00:25	1° $\underline{\mathfrak{A}}$ 25'29	
min. Earth dist.	-1565 Oct 15 j 10:21	9° $\underline{\mathfrak{A}}$ 26'51	0.67536 AU		-1564 Sep 22 j 09:17	30° \mathfrak{R} \mathfrak{M}	
morning rise	-1565 Oct 21 j 03:04	2° $\underline{\mathfrak{A}}$ 46'22		evening set	-1564 Sep 23 j 15:05	29° \mathfrak{M} 02'50	
direct	-1565 Oct 25 j 06:56	1° $\underline{\mathfrak{A}}$ 09'42		min. Earth dist.	-1564 Sep 28 j 05:23	23° \mathfrak{M} 47'52	0.67247 AU
morning max el	-1565 Nov 02 j 21:04	6° $\underline{\mathfrak{A}}$ 12'15	21°16'16	inferior conj	-1564 Sep 29 j 00:55	22° \mathfrak{M} 42'59	-0°45'39
	-1565 Nov 20 j 20:01	0° \mathfrak{M}		minimum elong	-1564 Sep 29 j 02:02	22° \mathfrak{M} 39'16	0°45'11
desc. node	-1565 Nov 25 j 03:03	6° \mathfrak{M} 24'57		asc. node	-1564 Oct 01 j 06:05	19° \mathfrak{M} 52'22	
morning set	-1565 Dec 03 j 14:17	19° \mathfrak{M} 28'06		morning rise	-1564 Oct 04 j 13:00	16° \mathfrak{M} 39'50	
	-1565 Dec 10 j 04:14	0° \mathfrak{X}		direct	-1564 Oct 08 j 04:31	15° \mathfrak{M} 23'12	
max. Earth dist.	-1565 Dec 11 j 05:43	1° \mathfrak{X} 44'07	1.42315 AU	morning max el	-1564 Oct 15 j 20:22	19° \mathfrak{M} 48'15	20°04'39
					-1564 Oct 24 j 00:54	0° $\underline{\mathfrak{A}}$	
superior conj	-1565 Dec 18 j 12:04	13° \mathfrak{X} 54'47	-1°55'38	morning set	-1564 Nov 11 j 11:22	27° $\underline{\mathfrak{A}}$ 37'01	
minimum elong	-1565 Dec 18 j 09:01	13° \mathfrak{X} 41'47	1°55'33	desc. node	-1564 Nov 11 j 00:05	26° $\underline{\mathfrak{A}}$ 53'24	
	-1565 Dec 27 j 15:13	0° \mathfrak{Z}			-1564 Nov 13 j 00:17	0° \mathfrak{M}	
evening rise	-1565 Dec 29 j 19:13	3° \mathfrak{Z} 54'41		max. Earth dist.	-1564 Nov 22 j 16:02	15° \mathfrak{M} 11'52	1.43841 AU
asc. node	-1564 Jan 11 j 08:18	25° \mathfrak{Z} 15'22					
	-1564 Jan 15 j 04:16	0° \approx		superior conj	-1564 Nov 27 j 23:00	23° \mathfrak{M} 44'37	-1°36'07
evening max el	-1564 Jan 15 j 11:46	0° \approx 18'55	18°08'19	minimum elong	-1564 Nov 27 j 15:54	23° \mathfrak{M} 15'37	1°35'31
retrograde	-1564 Jan 22 j 04:46	3° \approx 45'20			-1564 Dec 01 j 18:10	0° \mathfrak{X}	
evening set	-1564 Jan 24 j 21:20	3° \approx 12'24		evening rise	-1564 Dec 11 j 01:19	15° \mathfrak{X} 45'00	
	-1564 Jan 29 j 15:17	30° \mathfrak{R} \mathfrak{Z}			-1564 Dec 19 j 09:42	0° \mathfrak{Z}	
inferior conj	-1564 Jan 31 j 12:51	28° \mathfrak{Z} 14'09	3°54'35	asc. node	-1564 Dec 28 j 05:20	12° \mathfrak{Z} 43'44	
minimum elong	-1564 Jan 31 j 13:21	28° \mathfrak{Z} 12'56	3°54'33	evening max el	-1564 Dec 29 j 00:11	13° \mathfrak{Z} 33'32	18°13'14
min. Earth dist.	-1564 Feb 03 j 15:42	25° \mathfrak{Z} 16'10	0.61208 AU	retrograde	-1563 Jan 04 j 12:23	17° \mathfrak{Z} 02'35	
morning rise	-1564 Feb 07 j 03:59	22° \mathfrak{Z} 26'42		evening set	-1563 Jan 07 j 08:55	16° \mathfrak{Z} 20'26	
direct	-1564 Feb 14 j 01:29	20° \mathfrak{Z} 06'20		inferior conj	-1563 Jan 13 j 13:35	11° \mathfrak{Z} 01'43	3°50'39
desc. node	-1564 Feb 21 j 02:10	22° \mathfrak{Z} 14'58		minimum elong	-1563 Jan 13 j 12:06	11° \mathfrak{Z} 05'43	3°50'30
morning max el	-1564 Feb 28 j 04:30	27° \mathfrak{Z} 53'00	27°39'03	min. Earth dist.	-1563 Jan 16 j 02:52	8° \mathfrak{Z} 16'41	0.63126 AU
	-1564 Mar 01 j 05:46	0° \approx		morning rise	-1563 Jan 19 j 14:32	5° \mathfrak{Z} 03'05	
	-1564 Mar 22 j 00:44	0° \mathfrak{X}		direct	-1563 Jan 26 j 15:09	2° \mathfrak{Z} 19'26	
morning set	-1564 Mar 31 j 16:13	18° \mathfrak{X} 28'19		desc. node	-1563 Feb 06 j 23:15	7° \mathfrak{Z} 48'45	
	-1564 Apr 06 j 02:55	0° \mathfrak{Y}		morning max el	-1563 Feb 09 j 11:10	10° \mathfrak{Z} 08'13	27°42'41
max. Earth dist.	-1564 Apr 06 j 19:02	1° \mathfrak{Y} 27'25	1.32548 AU		-1563 Feb 25 j 01:13	0° \approx	
					-1563 Mar 14 j 07:00	0° \mathfrak{X}	
superior conj	-1564 Apr 07 j 22:47	3° \mathfrak{Y} 58'37	-0°03'55	morning set	-1563 Mar 15 j 16:31	2° \mathfrak{X} 46'37	
minimum elong	-1564 Apr 07 j 22:58	3° \mathfrak{Y} 59'36	0°03'52	max. Earth dist.	-1563 Mar 21 j 02:13	13° \mathfrak{X} 57'39	1.33038 AU
behind sun begin	-1564 Apr 07 j 18:02	3° \mathfrak{Y} 32'40					
behind sun end	-1564 Apr 08 j 03:54	4° \mathfrak{Y} 26'33		superior conj	-1563 Mar 23 j 07:25	18° \mathfrak{X} 42'18	-0°30'01
asc. node	-1564 Apr 08 j 07:40	4° \mathfrak{Y} 47'05		minimum elong	-1563 Mar 23 j 08:49	18° \mathfrak{X} 49'50	0°29'44
evening rise	-1564 Apr 14 j 21:22	19° \mathfrak{Y} 00'21		asc. node	-1563 Mar 26 j 04:41	24° \mathfrak{X} 56'25	
	-1564 Apr 20 j 07:28	0° \mathfrak{Z}			-1563 Mar 28 j 13:03	0° \mathfrak{Y}	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening rise	-1563 Mar 30 j 09:09	3° Υ 54'33		asc. node	-1562 Mar 13 j 01:44	14° Υ 58'55	
	-1563 Apr 13 j 14:46	0° \mathcal{B}		evening rise	-1562 Mar 14 j 19:53	18° Υ 40'30	
evening max el	-1563 Apr 22 j 18:49	11° \mathcal{B} 17'06	23°27'35		-1562 Mar 20 j 11:21	0° Υ	
desc. node	-1563 May 05 j 22:21	18° \mathcal{B} 03'15		evening max el	-1562 Apr 04 j 13:31	22° Υ 00'15	21°54'05
retrograde	-1563 May 06 j 08:50	18° \mathcal{B} 03'40		retrograde	-1562 Apr 17 j 02:28	28° Υ 06'56	
evening set	-1563 May 10 j 03:05	17° \mathcal{B} 32'35		evening set	-1562 Apr 19 j 17:59	27° Υ 51'18	
min. Earth dist.	-1563 May 17 j 05:16	14° \mathcal{B} 17'41	0.55929 AU	desc. node	-1562 Apr 22 j 19:24	26° Υ 57'33	
inferior conj	-1563 May 19 j 05:30	13° \mathcal{B} 06'01	-3°23'38	inferior conj	-1562 Apr 29 j 03:40	23° Υ 46'22	-1°45'57
minimum elong	-1563 May 18 j 22:48	13° \mathcal{B} 16'01	3°21'59	minimum elong	-1562 Apr 28 j 22:52	23° Υ 53'07	1°44'19
morning rise	-1563 May 27 j 21:19	9° \mathcal{B} 09'14		min. Earth dist.	-1562 Apr 28 j 18:40	23° Υ 59'01	0.55119 AU
direct	-1563 May 30 j 12:10	8° \mathcal{B} 52'17		morning rise	-1562 May 08 j 04:55	19° Υ 49'04	
morning max el	-1563 Jun 09 j 21:46	13° \mathcal{B} 41'06	20°12'56	direct	-1562 May 11 j 01:28	19° Υ 30'56	
	-1563 Jun 21 j 14:38	0° Π		morning max el	-1562 May 23 j 03:16	25° Υ 11'56	21°36'58
asc. node	-1563 Jun 22 j 03:59	1° Π 00'34			-1562 May 27 j 13:05	0° \mathcal{B}	
morning set	-1563 Jun 28 j 06:37	12° Π 54'31		asc. node	-1562 Jun 09 j 01:04	20° \mathcal{B} 25'57	
				morning set	-1562 Jun 12 j 15:20	27° \mathcal{B} 42'19	
					-1562 Jun 13 j 17:48	0° Π	
superior conj	-1563 Jul 06 j 00:33	28° Π 43'41	1°43'56	superior conj	-1562 Jun 19 j 23:54	13° Π 08'06	1°33'11
minimum elong	-1563 Jul 05 j 23:00	28° Π 35'52	1°43'52	minimum elong	-1562 Jun 19 j 21:31	12° Π 55'42	1°32'59
	-1563 Jul 06 j 15:44	0° \mathcal{E}		max. Earth dist.	-1562 Jun 23 j 17:09	20° Π 46'21	1.34979 AU
max. Earth dist.	-1563 Jul 11 j 04:22	8° \mathcal{E} 53'09	1.36541 AU	evening rise	-1562 Jun 28 j 05:34	29° Π 40'03	
evening rise	-1563 Jul 15 j 03:37	16° \mathcal{E} 19'46			-1562 Jun 28 j 09:45	0° \mathcal{E}	
	-1563 Jul 22 j 23:13	0° \mathcal{Q}		desc. node	-1562 Jul 16 j 01:53	0° \mathcal{Q}	
desc. node	-1563 Aug 01 j 21:42	15° \mathcal{Q} 34'47			-1562 Jul 19 j 18:42	5° \mathcal{Q} 20'51	
	-1563 Aug 12 j 12:43	0° \mathcal{M}		evening max el	-1562 Aug 02 j 10:49	21° \mathcal{Q} 48'35	26°49'48
evening max el	-1563 Aug 19 j 23:14	8° \mathcal{M} 17'21	25°55'15	retrograde	-1562 Aug 15 j 12:48	29° \mathcal{Q} 06'23	
retrograde	-1563 Sep 01 j 09:05	15° \mathcal{M} 22'51		evening set	-1562 Aug 22 j 06:47	26° \mathcal{Q} 20'15	
evening set	-1563 Sep 07 j 14:24	12° \mathcal{M} 45'08		min. Earth dist.	-1562 Aug 26 j 05:25	22° \mathcal{Q} 19'30	0.65650 AU
min. Earth dist.	-1563 Sep 11 j 20:30	8° \mathcal{M} 06'49	0.66626 AU	inferior conj	-1562 Aug 28 j 00:45	20° \mathcal{Q} 12'04	-2°33'30
inferior conj	-1563 Sep 13 j 03:23	6° \mathcal{M} 29'19	-1°40'26	minimum elong	-1562 Aug 28 j 04:23	20° \mathcal{Q} 01'21	2°32'13
minimum elong	-1563 Sep 13 j 05:50	6° \mathcal{M} 21'32	1°39'27	morning rise	-1562 Sep 03 j 02:28	14° \mathcal{Q} 30'47	
asc. node	-1563 Sep 18 j 03:10	1° \mathcal{M} 07'02		asc. node	-1562 Sep 05 j 00:15	13° \mathcal{Q} 49'42	
morning rise	-1563 Sep 18 j 21:31	0° \mathcal{M} 35'36		direct	-1562 Sep 05 j 23:57	13° \mathcal{Q} 44'17	
	-1563 Sep 20 j 01:39	30° \mathcal{R} 00		morning max el	-1562 Sep 12 j 14:56	17° \mathcal{Q} 22'29	18°25'28
direct	-1563 Sep 22 j 02:50	29° \mathcal{Q} 35'51			-1562 Sep 21 j 22:50	0° \mathcal{M}	
	-1563 Sep 24 j 05:18	0° \mathcal{M}		morning set	-1562 Oct 02 j 03:47	16° \mathcal{M} 26'22	
morning max el	-1563 Sep 29 j 02:56	3° \mathcal{M} 32'55	19°07'06		-1562 Oct 10 j 13:39	0° \mathcal{A}	
	-1563 Oct 17 j 16:55	0° \mathcal{A}		desc. node	-1562 Oct 15 j 18:08	8° \mathcal{A} 14'28	
morning set	-1563 Oct 21 j 18:32	6° \mathcal{A} 22'24					
desc. node	-1563 Oct 28 j 21:08	17° \mathcal{A} 31'06		superior conj	-1562 Oct 17 j 09:00	10° \mathcal{A} 47'55	-0°10'30
max. Earth dist.	-1563 Nov 05 j 07:45	29° \mathcal{A} 12'56	1.44742 AU	minimum elong	-1562 Oct 17 j 07:37	10° \mathcal{A} 42'28	0°10'19
	-1563 Nov 05 j 19:41	0° \mathcal{M}		behind sun begin	-1562 Oct 16 j 22:49	10° \mathcal{A} 07'44	
superior conj	-1563 Nov 07 j 09:01	2° \mathcal{M} 27'26	-0°58'58	behind sun end	-1562 Oct 17 j 16:25	11° \mathcal{A} 17'11	
minimum elong	-1563 Nov 07 j 02:01	1° \mathcal{M} 59'47	0°58'09	max. Earth dist.	-1562 Oct 19 j 01:53	13° \mathcal{A} 28'59	1.44930 AU
evening rise	-1563 Nov 22 j 09:34	26° \mathcal{M} 37'54			-1562 Oct 29 j 14:20	0° \mathcal{M}	
	-1563 Nov 24 j 10:53	0° \mathcal{A}		evening rise	-1562 Nov 02 j 17:33	6° \mathcal{M} 29'50	
evening max el	-1563 Dec 12 j 12:09	26° \mathcal{A} 56'01	18°36'40	greatest brilliancy	-1562 Nov 12 j 23:01	22° \mathcal{M} 31'41	-0.8m
asc. node	-1563 Dec 15 j 02:23	29° \mathcal{A} 10'50			-1562 Nov 17 j 21:27	0° \mathcal{A}	
	-1563 Dec 16 j 12:01	0° \mathcal{B}		evening max el	-1562 Nov 25 j 21:20	10° \mathcal{A} 22'01	19°17'20
retrograde	-1563 Dec 19 j 03:52	0° \mathcal{B} 38'34		asc. node	-1562 Dec 01 j 23:27	14° \mathcal{A} 21'12	
	-1563 Dec 21 j 18:41	30° \mathcal{R} 00		retrograde	-1562 Dec 02 j 23:37	14° \mathcal{A} 26'54	
evening set	-1563 Dec 22 j 05:17	29° \mathcal{A} 46'01		evening set	-1562 Dec 06 j 07:36	13° \mathcal{A} 22'12	
inferior conj	-1563 Dec 28 j 01:54	24° \mathcal{A} 09'12	3°30'12	inferior conj	-1562 Dec 11 j 22:26	7° \mathcal{A} 30'04	2°57'58
minimum elong	-1563 Dec 27 j 23:18	24° \mathcal{A} 16'57	3°29'41	minimum elong	-1562 Dec 11 j 19:30	7° \mathcal{A} 39'28	2°57'08
min. Earth dist.	-1563 Dec 30 j 00:05	21° \mathcal{A} 51'57	0.64733 AU	min. Earth dist.	-1562 Dec 13 j 06:13	5° \mathcal{A} 48'27	0.65976 AU
morning rise	-1562 Jan 02 j 16:53	18° \mathcal{A} 03'07		morning rise	-1562 Dec 17 j 07:07	1° \mathcal{A} 19'10	
direct	-1562 Jan 09 j 12:02	15° \mathcal{A} 10'58			-1562 Dec 19 j 00:10	30° \mathcal{R} 00	
morning max el	-1562 Jan 22 j 20:39	22° \mathcal{A} 54'40	27°11'47	direct	-1562 Dec 23 j 15:14	28° \mathcal{M} 32'07	
desc. node	-1562 Jan 24 j 20:20	24° \mathcal{A} 58'40			-1562 Dec 28 j 17:52	0° \mathcal{A}	
	-1562 Jan 29 j 04:21	0° \mathcal{B}		morning max el	-1561 Jan 05 j 06:08	5° \mathcal{A} 58'31	26°12'51
	-1562 Feb 18 j 07:10	0° \approx		desc. node	-1561 Jan 11 j 17:24	13° \mathcal{A} 16'02	
morning set	-1562 Feb 27 j 07:55	16° \approx 34'15			-1561 Jan 23 j 20:15	0° \mathcal{B}	
max. Earth dist.	-1562 Mar 04 j 00:35	25° \approx 56'36	1.33944 AU	morning set	-1561 Feb 10 j 10:19	29° \mathcal{B} 37'36	
	-1562 Mar 05 j 23:43	0° Υ			-1561 Feb 10 j 15:07	0° \approx	
superior conj	-1562 Mar 07 j 11:43	3° Υ 08'30	-0°55'50	max. Earth dist.	-1561 Feb 14 j 11:01	7° \approx 18'51	1.35302 AU
minimum elong	-1562 Mar 07 j 14:16	3° Υ 21'57	0°55'22				

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1561 Feb 19 j 09:13	17° \approx 08'55	-1°19'59	desc. node	-1561 Dec 29 j 14:26	2° \approx 21'26	
minimum elong	-1561 Feb 19 j 12:36	17° \approx 26'11	1°19'29		-1560 Jan 16 j 22:59	0° \approx	
	-1561 Feb 25 j 14:32	0° \approx		morning set	-1560 Jan 23 j 18:29	11° \approx 34'45	
evening rise	-1561 Feb 27 j 03:32	3° \approx 10'45		max. Earth dist.	-1560 Jan 27 j 10:41	18° \approx 21'12	1.37092 AU
asc. node	-1561 Feb 27 j 22:46	4° \approx 49'10					
	-1561 Mar 14 j 18:56	0° \approx		superior conj	-1560 Feb 02 j 20:54	0° \approx 35'09	-1°40'31
evening max el	-1561 Mar 17 j 17:33	3° \approx 10'42	20°31'25	minimum elong	-1560 Feb 03 j 00:25	0° \approx 52'20	1°40'10
retrograde	-1561 Mar 28 j 15:52	8° \approx 24'35			-1560 Feb 02 j 13:43	0° \approx	
evening set	-1561 Mar 30 j 20:42	8° \approx 12'44		evening rise	-1560 Feb 11 j 05:59	17° \approx 19'13	
inferior conj	-1561 Apr 08 j 23:00	4° \approx 15'11	0°12'21	asc. node	-1560 Feb 14 j 19:48	24° \approx 22'03	
minimum elong	-1561 Apr 08 j 23:34	4° \approx 14'21	0°12'10		-1560 Feb 17 j 20:05	0° \approx	
transit middle	-1561 Apr 08 j 23:34	4° \approx 14'21	0°12'10	evening max el	-1560 Feb 28 j 08:30	14° \approx 57'35	19°25'53
transit begin	-1561 Apr 08 j 20:57	4° \approx 18'09		retrograde	-1560 Mar 08 j 14:08	19° \approx 22'31	
transit end	-1561 Apr 09 j 02:10	4° \approx 10'34		evening set	-1560 Mar 10 j 19:55	19° \approx 08'05	
desc. node	-1561 Apr 09 j 16:29	3° \approx 49'44		inferior conj	-1560 Mar 19 j 05:27	15° \approx 01'23	1°58'00
min. Earth dist.	-1561 Apr 10 j 08:38	3° \approx 26'18	0.55247 AU	minimum elong	-1560 Mar 19 j 09:43	14° \approx 54'25	1°56'42
	-1561 Apr 17 j 23:14	30° \approx		min. Earth dist.	-1560 Mar 21 j 23:17	13° \approx 14'34	0.56282 AU
morning rise	-1561 Apr 18 j 01:04	29° \approx 58'51		desc. node	-1560 Mar 26 j 13:32	10° \approx 44'43	
direct	-1561 Apr 21 j 13:40	29° \approx 31'48		morning rise	-1560 Mar 27 j 20:50	10° \approx 14'33	
	-1561 Apr 25 j 02:35	0° \approx		direct	-1560 Apr 01 j 11:32	9° \approx 26'09	
morning max el	-1561 May 04 j 23:07	6° \approx 04'01	23°14'08	morning max el	-1560 Apr 15 j 13:57	16° \approx 35'41	24°53'39
	-1561 May 21 j 18:13	0° \approx			-1560 Apr 26 j 10:25	0° \approx	
asc. node	-1561 May 26 j 22:07	10° \approx 11'08		morning set	-1560 May 11 j 14:37	27° \approx 39'12	
morning set	-1561 May 28 j 02:34	12° \approx 39'07		asc. node	-1560 May 12 j 19:08	0° \approx 10'09	
					-1560 May 12 j 17:14	0° \approx	
superior conj	-1561 Jun 04 j 05:28	27° \approx 51'42	1°17'27	superior conj	-1560 May 18 j 14:53	12° \approx 46'45	0°57'52
minimum elong	-1561 Jun 04 j 02:54	27° \approx 38'01	1°17'06	minimum elong	-1560 May 18 j 12:39	12° \approx 34'39	0°57'29
	-1561 Jun 05 j 05:32	0° \approx		max. Earth dist.	-1560 May 19 j 22:46	15° \approx 39'37	1.32984 AU
max. Earth dist.	-1561 Jun 06 j 15:48	3° \approx 01'13	1.33793 AU	evening rise	-1560 May 25 j 20:20	28° \approx 06'42	
evening rise	-1561 Jun 11 j 20:25	13° \approx 39'41			-1560 May 26 j 18:39	0° \approx	
	-1561 Jun 20 j 14:20	0° \approx			-1560 Jun 12 j 20:08	0° \approx	
desc. node	-1561 Jul 06 j 15:43	24° \approx 32'31		desc. node	-1560 Jun 22 j 12:45	12° \approx 54'52	
	-1561 Jul 11 j 02:20	0° \approx		evening max el	-1560 Jun 27 j 07:21	17° \approx 58'25	27°21'57
evening max el	-1561 Jul 15 j 22:15	5° \approx 06'50	27°20'47	retrograde	-1560 Jul 11 j 02:27	25° \approx 18'07	
retrograde	-1561 Jul 29 j 10:52	12° \approx 02'00		evening set	-1560 Jul 18 j 06:40	22° \approx 48'16	
evening set	-1561 Aug 05 j 13:26	9° \approx 43'34		min. Earth dist.	-1560 Jul 21 j 20:33	19° \approx 52'15	0.62606 AU
min. Earth dist.	-1561 Aug 09 j 06:01	6° \approx 18'32	0.64303 AU	inferior conj	-1560 Jul 24 j 18:12	17° \approx 05'32	-4°02'58
inferior conj	-1561 Aug 11 j 14:40	3° \approx 46'35	-3°22'17	minimum elong	-1560 Jul 24 j 22:16	16° \approx 55'45	4°02'10
minimum elong	-1561 Aug 11 j 19:00	3° \approx 34'57	3°21'03	morning rise	-1560 Jul 31 j 15:03	11° \approx 58'51	
	-1561 Aug 15 j 11:28	30° \approx		direct	-1560 Aug 03 j 04:14	11° \approx 29'15	
morning rise	-1561 Aug 18 j 01:20	28° \approx 20'56		asc. node	-1560 Aug 08 j 18:22	13° \approx 53'34	
direct	-1561 Aug 20 j 17:29	27° \approx 44'16		morning max el	-1560 Aug 09 j 20:59	14° \approx 54'20	17°54'31
asc. node	-1561 Aug 22 j 21:19	28° \approx 08'22			-1560 Aug 20 j 07:48	0° \approx	
	-1561 Aug 25 j 22:37	0° \approx		morning set	-1560 Aug 26 j 04:05	10° \approx 19'55	
morning max el	-1561 Aug 27 j 05:52	1° \approx 11'50	18°00'59				
morning set	-1561 Sep 13 j 16:44	27° \approx 51'09		superior conj	-1560 Sep 06 j 11:29	0° \approx 06'12	1°13'26
	-1561 Sep 14 j 23:04	0° \approx		minimum elong	-1560 Sep 06 j 16:45	0° \approx 28'30	1°12'52
superior conj	-1561 Sep 26 j 21:19	19° \approx 48'40	0°36'53		-1560 Sep 06 j 10:01	0° \approx	
minimum elong	-1561 Sep 27 j 01:20	20° \approx 04'57	0°36'22	max. Earth dist.	-1560 Sep 13 j 10:13	11° \approx 37'40	1.43197 AU
max. Earth dist.	-1561 Oct 01 j 19:39	27° \approx 43'18	1.44392 AU	desc. node	-1560 Sep 18 j 12:09	19° \approx 45'58	
desc. node	-1561 Oct 02 j 15:08	29° \approx 00'40		evening rise	-1560 Sep 21 j 11:43	24° \approx 26'40	
	-1561 Oct 03 j 06:08	0° \approx			-1560 Sep 25 j 02:02	0° \approx	
evening rise	-1561 Oct 13 j 05:34	15° \approx 34'11			-1560 Oct 15 j 20:10	0° \approx	
	-1561 Oct 22 j 16:12	0° \approx		evening max el	-1560 Oct 22 j 00:33	7° \approx 17'05	21°21'51
greatest brilliancy	-1561 Oct 27 j 02:16	6° \approx 36'43	-0.6m	retrograde	-1560 Oct 30 j 17:55	12° \approx 27'51	
evening max el	-1561 Nov 09 j 01:52	23° \approx 49'41	20°13'16	evening set	-1560 Nov 03 j 21:12	10° \approx 52'07	
retrograde	-1561 Nov 16 j 20:59	28° \approx 24'31		asc. node	-1560 Nov 04 j 17:33	10° \approx 08'35	
asc. node	-1561 Nov 18 j 20:30	28° \approx 01'59		inferior conj	-1560 Nov 09 j 05:55	4° \approx 38'30	1°30'35
evening set	-1561 Nov 20 j 13:34	27° \approx 05'23		minimum elong	-1560 Nov 09 j 03:58	4° \approx 45'14	1°29'49
inferior conj	-1561 Nov 26 j 00:31	21° \approx 00'54	2°17'19	min. Earth dist.	-1560 Nov 09 j 13:16	4° \approx 13'13	0.67376 AU
minimum elong	-1561 Nov 25 j 21:51	21° \approx 09'51	2°16'23		-1560 Nov 12 j 20:20	30° \approx	
min. Earth dist.	-1561 Nov 26 j 19:23	19° \approx 57'36	0.66853 AU	morning rise	-1560 Nov 14 j 10:35	28° \approx 24'41	
morning rise	-1561 Dec 01 j 05:56	14° \approx 47'27		direct	-1560 Nov 19 j 13:10	26° \approx 13'25	
direct	-1561 Dec 06 j 23:52	12° \approx 15'28			-1560 Nov 27 j 09:00	0° \approx	
morning max el	-1561 Dec 18 j 14:35	19° \approx 10'15	24°55'05	morning max el	-1560 Nov 29 j 23:31	2° \approx 26'10	23°28'33
	-1561 Dec 27 j 19:46	0° \approx		desc. node	-1560 Dec 15 j 11:29	22° \approx 00'44	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1560 Dec 20 j 22:30	0°♊				-1559 Nov 23 j 23:10	0°♋	
morning set	-1559 Jan 04 j 02:11	22°♊30'30		desc. node	-1559 Dec 02 j 08:31	12°♋04'19		
	-1559 Jan 08 j 10:46	0°♋			-1559 Dec 14 j 00:07	0°♌		
max. Earth dist.	-1559 Jan 08 j 06:07	29°♊39'38	1.39155 AU	morning set	-1559 Dec 15 j 05:00	1°♌55'30		
				max. Earth dist.	-1559 Dec 21 j 04:36	11°♌43'47	1.41229 AU	
superior conj	-1559 Jan 15 j 18:48	13°♋16'36	-1°54'46					
minimum elong	-1559 Jan 15 j 21:10	13°♋27'38	1°54'42	superior conj	-1559 Dec 28 j 21:50	25°♌00'30	-1°59'12	
	-1559 Jan 24 j 12:26	0°♌		minimum elong	-1559 Dec 28 j 21:15	24°♌57'55	1°59'14	
evening rise	-1559 Jan 25 j 00:40	0°♌59'14			-1559 Dec 31 j 16:53	0°♍		
asc. node	-1559 Jan 31 j 16:50	13°♌31'30		evening rise	-1558 Jan 08 j 08:22	14°♍03'19		
evening max el	-1559 Feb 10 j 09:01	27°♌18'52	18°39'58		-1558 Jan 17 j 05:39	0°♎		
	-1559 Feb 13 j 22:35	0°♎		asc. node	-1558 Jan 18 j 13:52	2°♎09'45		
retrograde	-1559 Feb 18 j 06:21	1°♎09'02		evening max el	-1558 Jan 24 j 16:28	10°♎07'15	18°14'10	
evening set	-1559 Feb 20 j 16:21	0°♎48'45		retrograde	-1558 Jan 31 j 16:51	13°♎38'24		
	-1559 Feb 22 j 19:33	30°♏		evening set	-1558 Feb 03 j 07:00	13°♎10'32		
inferior conj	-1559 Feb 28 j 07:30	26°♏23'45	3°10'04	inferior conj	-1558 Feb 10 j 06:12	8°♏24'33	3°46'46	
minimum elong	-1559 Feb 28 j 11:39	26°♏15'50	3°09'12	minimum elong	-1558 Feb 10 j 08:07	8°♏20'17	3°46'35	
min. Earth dist.	-1559 Mar 03 j 16:12	23°♏51'32	0.57980 AU	min. Earth dist.	-1558 Feb 13 j 14:17	5°♏28'37	0.60013 AU	
morning rise	-1559 Mar 08 j 04:18	21°♏06'47		morning rise	-1558 Feb 17 j 07:18	2°♏45'32		
desc. node	-1559 Mar 13 j 10:34	19°♏45'01		direct	-1558 Feb 23 j 21:51	0°♏44'31		
direct	-1559 Mar 13 j 22:30	19°♏44'24		desc. node	-1558 Feb 28 j 07:39	1°♏35'05		
morning max el	-1559 Mar 28 j 06:13	27°♏16'11	26°20'33	morning max el	-1558 Mar 10 j 04:00	8°♏28'29	27°20'27	
	-1559 Mar 30 j 21:29	0°♐			-1558 Mar 26 j 13:50	0°♐		
	-1559 Apr 19 j 18:27	0°♑		morning set	-1558 Apr 10 j 10:31	27°♐25'03		
morning set	-1559 Apr 26 j 01:53	12°♑37'01			-1558 Apr 11 j 16:10	0°♑		
asc. node	-1559 Apr 29 j 16:10	20°♑18'09		asc. node	-1558 Apr 16 j 13:12	10°♑29'49		
				max. Earth dist.	-1558 Apr 16 j 23:42	11°♑27'18	1.32431 AU	
superior conj	-1559 May 03 j 02:17	27°♑46'57	0°35'25					
minimum elong	-1559 May 03 j 00:47	27°♑38'43	0°35'07	superior conj	-1558 Apr 17 j 13:55	12°♑45'10	0°10'53	
max. Earth dist.	-1559 May 03 j 10:43	28°♑33'10	1.32530 AU	minimum elong	-1558 Apr 17 j 13:26	12°♑42'29	0°10'46	
	-1559 May 04 j 02:35	0°♒		behind sun begin	-1558 Apr 17 j 09:44	12°♑22'14		
evening rise	-1559 May 10 j 02:22	12°♒51'35		behind sun end	-1558 Apr 17 j 17:08	13°♑02'45		
	-1559 May 18 j 21:42	0°♓		evening rise	-1558 Apr 24 j 12:07	27°♑45'07		
desc. node	-1559 Jun 09 j 09:45	0°♓07'29			-1558 Apr 25 j 13:55	0°♒		
	-1559 Jun 09 j 06:38	0°♓			-1558 May 12 j 14:34	0°♓		
evening max el	-1559 Jun 09 j 11:23	0°♓11'23	26°50'15	evening max el	-1558 May 22 j 08:40	11°♓39'06	25°47'31	
retrograde	-1559 Jun 23 j 10:47	7°♓28'52		desc. node	-1558 May 27 j 06:47	15°♓40'37		
evening set	-1559 Jun 30 j 06:14	5°♓27'05		retrograde	-1558 Jun 05 j 10:22	18°♓52'43		
min. Earth dist.	-1559 Jul 04 j 00:54	2°♓46'59	0.60639 AU	evening set	-1558 Jun 11 j 08:06	17°♓28'59		
inferior conj	-1559 Jul 07 j 08:00	0°♓01'07	-4°29'34	min. Earth dist.	-1558 Jun 15 j 21:03	14°♓46'59	0.58582 AU	
minimum elong	-1559 Jul 07 j 10:15	29°♓56'22	4°29'21	inferior conj	-1558 Jun 19 j 04:21	12°♓22'42	-4°32'58	
	-1559 Jul 07 j 08:31	30°♔		minimum elong	-1558 Jun 19 j 02:59	12°♓25'13	4°32'53	
morning rise	-1559 Jul 14 j 16:04	25°♓16'09		morning rise	-1558 Jun 27 j 00:29	8°♓00'04		
direct	-1559 Jul 17 j 04:14	24°♓51'41		direct	-1558 Jun 29 j 12:54	7°♓39'30		
morning max el	-1559 Jul 24 j 09:30	28°♓23'47	18°07'03	morning max el	-1558 Jul 07 j 16:21	11°♓30'35	18°39'38	
	-1559 Jul 25 j 22:05	0°♕		asc. node	-1558 Jul 13 j 12:28	18°♓44'51		
asc. node	-1559 Jul 26 j 15:25	0°♕51'02			-1558 Jul 20 j 01:59	0°♕		
morning set	-1559 Aug 09 j 08:08	23°♕37'17		morning set	-1558 Jul 24 j 00:13	7°♕30'27		
	-1559 Aug 12 j 18:13	0°♖						
superior conj	-1559 Aug 19 j 04:31	11°♖43'56	1°36'17	superior conj	-1558 Aug 01 j 19:19	24°♕27'01	1°46'45	
minimum elong	-1559 Aug 19 j 08:07	12°♖00'01	1°36'02	minimum elong	-1558 Aug 01 j 20:33	24°♕32'47	1°46'43	
max. Earth dist.	-1559 Aug 26 j 19:10	24°♖55'10	1.41507 AU		-1558 Aug 04 j 19:05	0°♗		
	-1559 Aug 29 j 20:35	0°♗		max. Earth dist.	-1558 Aug 08 j 22:40	7°♗02'03	1.39546 AU	
evening rise	-1559 Sep 01 j 06:37	3°♗55'59		evening rise	-1558 Aug 13 j 01:29	14°♗03'20		
desc. node	-1559 Sep 05 j 09:09	10°♗27'13			-1558 Aug 22 j 14:30	0°♘		
	-1559 Sep 18 j 10:25	0°♘		desc. node	-1558 Aug 23 j 06:09	1°♗00'24		
evening max el	-1559 Oct 04 j 17:28	20°♘44'42	22°39'06		-1558 Sep 13 j 07:55	0°♘		
retrograde	-1559 Oct 14 j 12:52	26°♘34'22		evening max el	-1558 Sep 17 j 06:18	4°♘14'47	23°59'35	
evening set	-1559 Oct 19 j 04:47	24°♘40'25		retrograde	-1558 Sep 28 j 04:34	10°♘40'44		
asc. node	-1559 Oct 22 j 14:36	20°♘57'38		evening set	-1558 Oct 03 j 10:36	8°♘28'19		
inferior conj	-1559 Oct 24 j 12:46	18°♘21'16	0°39'35	min. Earth dist.	-1558 Oct 08 j 05:51	2°♘53'04	0.67450 AU	
minimum elong	-1559 Oct 24 j 11:51	18°♘24'25	0°39'12	inferior conj	-1558 Oct 08 j 19:19	2°♘07'24	-0°14'06	
min. Earth dist.	-1559 Oct 24 j 09:34	18°♘32'19	0.67569 AU	minimum elong	-1558 Oct 08 j 19:39	2°♘06'16	0°13'57	
morning rise	-1559 Oct 29 j 18:49	12°♘09'22		transit middle	-1558 Oct 08 j 19:39	2°♘06'16	0°13'57	
direct	-1559 Nov 03 j 06:29	10°♘20'28		transit begin	-1558 Oct 08 j 18:15	2°♘11'02		
morning max el	-1559 Nov 12 j 12:05	15°♘48'02	22°02'31	transit end	-1558 Oct 08 j 21:03	2°♘01'29		
				asc. node	-1558 Oct 09 j 11:39	1°♘12'11		

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1558 Oct 10 j 09:33	30° \mathbb{R} 00		asc. node	-1557 Sep 26 j 08:44	11° \mathbb{M} 50'02	
morning rise	-1558 Oct 14 j 04:40	26° \mathbb{M} 00'05		morning rise	-1557 Sep 28 j 14:15	9° \mathbb{M} 54'48	
direct	-1558 Oct 18 j 02:56	24° \mathbb{M} 32'27		direct	-1557 Oct 02 j 01:08	8° \mathbb{M} 45'43	
morning max el	-1558 Oct 26 j 07:03	29° \mathbb{M} 18'26	20°44'10	morning max el	-1557 Oct 09 j 09:30	12° \mathbb{M} 57'59	19°38'12
	-1558 Oct 26 j 23:04	0° \mathbb{L}			-1557 Oct 22 j 03:44	0° \mathbb{L}	
	-1558 Nov 17 j 15:25	0° \mathbb{M}		morning set	-1557 Nov 03 j 06:04	18° \mathbb{L} 31'42	
desc. node	-1558 Nov 19 j 05:33	2° \mathbb{M} 25'10		desc. node	-1557 Nov 06 j 02:33	22° \mathbb{L} 57'42	
morning set	-1558 Nov 24 j 07:39	10° \mathbb{M} 15'47			-1557 Nov 10 j 14:41	0° \mathbb{M}	
max. Earth dist.	-1558 Dec 03 j 10:00	24° \mathbb{M} 41'35	1.43026 AU	max. Earth dist.	-1557 Nov 15 j 22:39	8° \mathbb{M} 24'32	1.44311 AU
	-1558 Dec 06 j 16:02	0° \mathbb{X}					
				superior conj	-1557 Nov 20 j 00:02	14° \mathbb{M} 53'08	-1°22'21
superior conj	-1558 Dec 10 j 00:31	5° \mathbb{X} 34'22	-1°49'33	minimum elong	-1557 Nov 19 j 16:12	14° \mathbb{M} 21'45	1°21'34
minimum elong	-1558 Dec 09 j 19:33	5° \mathbb{X} 13'35	1°49'16		-1557 Nov 29 j 06:09	0° \mathbb{X}	
evening rise	-1558 Dec 22 j 01:07	26° \mathbb{X} 23'09		evening rise	-1557 Dec 03 j 22:22	7° \mathbb{X} 49'25	
	-1558 Dec 24 j 02:04	0° \mathbb{Z}			-1557 Dec 17 j 12:03	0° \mathbb{Z}	
asc. node	-1557 Jan 05 j 10:55	20° \mathbb{Z} 07'21		evening max el	-1557 Dec 22 j 16:36	6° \mathbb{Z} 33'49	18°21'03
evening max el	-1557 Jan 08 j 03:59	23° \mathbb{Z} 14'59	18°08'07	asc. node	-1557 Dec 23 j 08:00	7° \mathbb{Z} 11'27	
retrograde	-1557 Jan 14 j 17:58	26° \mathbb{Z} 41'09		retrograde	-1557 Dec 29 j 05:15	10° \mathbb{Z} 07'01	
evening set	-1557 Jan 17 j 12:03	26° \mathbb{Z} 04'33		evening set	-1556 Jan 01 j 03:46	9° \mathbb{Z} 20'36	
inferior conj	-1557 Jan 23 j 22:37	20° \mathbb{Z} 57'40	3°55'19	inferior conj	-1556 Jan 07 j 04:43	3° \mathbb{Z} 54'06	3°43'37
minimum elong	-1557 Jan 23 j 22:11	20° \mathbb{Z} 58'46	3°55'17	minimum elong	-1556 Jan 07 j 02:39	3° \mathbb{Z} 59'56	3°43'19
min. Earth dist.	-1557 Jan 26 j 20:17	18° \mathbb{Z} 02'29	0.62052 AU	min. Earth dist.	-1556 Jan 09 j 11:40	1° \mathbb{Z} 19'28	0.63861 AU
morning rise	-1557 Jan 30 j 07:10	15° \mathbb{Z} 04'43			-1556 Jan 10 j 17:35	30° \mathbb{R} 27	
direct	-1557 Feb 06 j 07:15	12° \mathbb{Z} 32'19		morning rise	-1556 Jan 13 j 00:58	27° \mathbb{X} 52'10	
desc. node	-1557 Feb 15 j 04:43	15° \mathbb{Z} 57'46		direct	-1556 Jan 20 j 00:20	25° \mathbb{X} 02'51	
morning max el	-1557 Feb 20 j 07:51	20° \mathbb{Z} 21'28	27°45'02		-1556 Jan 30 j 13:47	0° \mathbb{Z}	
	-1557 Feb 28 j 15:42	0° \mathbb{X}		desc. node	-1556 Feb 02 j 01:47	2° \mathbb{Z} 15'56	
	-1557 Mar 19 j 11:45	0° \mathbb{X}		morning max el	-1556 Feb 02 j 15:48	2° \mathbb{Z} 50'19	27°33'18
morning set	-1557 Mar 25 j 14:33	11° \mathbb{X} 56'27			-1556 Feb 22 j 23:43	0° \mathbb{X}	
max. Earth dist.	-1557 Mar 31 j 09:58	24° \mathbb{X} 09'12	1.32703 AU	morning set	-1556 Mar 08 j 11:25	26° \mathbb{X} 02'21	
					-1556 Mar 10 j 10:49	0° \mathbb{X}	
superior conj	-1557 Apr 02 j 00:10	27° \mathbb{X} 35'56	-0°14'57	max. Earth dist.	-1556 Mar 13 j 13:37	6° \mathbb{X} 25'47	1.33372 AU
minimum elong	-1557 Apr 02 j 00:52	27° \mathbb{X} 39'42	0°14'48				
behind sun begin	-1557 Apr 01 j 23:02	27° \mathbb{X} 29'42		superior conj	-1556 Mar 16 j 07:12	12° \mathbb{X} 12'43	-0°41'06
behind sun end	-1557 Apr 02 j 02:42	27° \mathbb{X} 49'41		minimum elong	-1556 Mar 16 j 09:07	12° \mathbb{X} 22'55	0°40'43
asc. node	-1557 Apr 03 j 10:15	0° \mathbb{Y} 41'16		asc. node	-1556 Mar 20 j 07:19	20° \mathbb{X} 48'09	
	-1557 Apr 03 j 02:40	0° \mathbb{Y}		evening rise	-1556 Mar 23 j 11:14	27° \mathbb{X} 31'52	
evening rise	-1557 Apr 08 j 23:42	12° \mathbb{Y} 40'48			-1556 Mar 24 j 15:37	0° \mathbb{Y}	
	-1557 Apr 17 j 19:24	0° \mathbb{B}			-1556 Apr 11 j 17:28	0° \mathbb{B}	
evening max el	-1557 May 04 j 00:46	22° \mathbb{B} 30'24	24°21'56	evening max el	-1556 Apr 14 j 16:39	3° \mathbb{B} 08'10	22°47'08
desc. node	-1557 May 14 j 03:50	28° \mathbb{B} 58'19		retrograde	-1556 Apr 27 j 21:52	9° \mathbb{B} 39'17	
retrograde	-1557 May 17 j 22:42	29° \mathbb{B} 31'10		desc. node	-1556 Apr 30 j 00:53	9° \mathbb{B} 29'17	
evening set	-1557 May 22 j 12:05	28° \mathbb{B} 44'35		evening set	-1556 May 01 j 03:02	9° \mathbb{B} 16'40	
min. Earth dist.	-1557 May 28 j 12:24	25° \mathbb{B} 44'52	0.56745 AU	min. Earth dist.	-1556 May 09 j 01:47	5° \mathbb{B} 47'48	0.55478 AU
inferior conj	-1557 May 31 j 04:45	24° \mathbb{B} 02'44	-4°01'26	inferior conj	-1556 May 10 j 10:24	5° \mathbb{B} 00'59	-2°46'35
minimum elong	-1557 May 30 j 23:17	24° \mathbb{B} 11'28	4°00'28	minimum elong	-1556 May 10 j 03:50	5° \mathbb{B} 10'25	2°44'40
morning rise	-1557 Jun 08 j 13:26	19° \mathbb{B} 58'39		morning rise	-1556 May 19 j 06:50	1° \mathbb{B} 05'52	
direct	-1557 Jun 11 j 02:55	19° \mathbb{B} 40'51		direct	-1556 May 21 j 23:26	0° \mathbb{B} 48'52	
morning max el	-1557 Jun 20 j 14:38	24° \mathbb{B} 05'05	19°32'59	morning max el	-1556 Jun 02 j 02:14	5° \mathbb{B} 59'18	20°46'39
	-1557 Jun 25 j 16:35	0° \mathbb{I}		asc. node	-1556 Jun 16 j 06:36	26° \mathbb{B} 32'26	
asc. node	-1557 Jun 30 j 09:32	7° \mathbb{I} 22'05			-1556 Jun 18 j 01:39	0° \mathbb{I}	
morning set	-1557 Jul 08 j 00:48	21° \mathbb{I} 50'22		morning set	-1556 Jun 21 j 07:13	6° \mathbb{I} 30'05	
	-1557 Jul 12 j 02:04	0° \mathbb{E}					
				superior conj	-1556 Jun 28 j 20:38	22° \mathbb{I} 07'52	1°40'04
superior conj	-1557 Jul 16 j 02:14	7° \mathbb{E} 59'23	1°47'14	minimum elong	-1556 Jun 28 j 18:39	21° \mathbb{I} 57'42	1°39'58
minimum elong	-1557 Jul 16 j 01:29	7° \mathbb{E} 55'43	1°47'15		-1556 Jul 02 j 18:27	0° \mathbb{E}	
max. Earth dist.	-1557 Jul 22 j 01:20	19° \mathbb{E} 24'47	1.37583 AU	max. Earth dist.	-1556 Jul 03 j 09:28	1° \mathbb{E} 14'02	1.35832 AU
evening rise	-1557 Jul 25 j 21:16	26° \mathbb{E} 23'02		evening rise	-1556 Jul 07 j 13:42	9° \mathbb{E} 14'24	
	-1557 Jul 27 j 22:33	0° \mathbb{Q}			-1556 Jul 19 j 13:07	0° \mathbb{Q}	
desc. node	-1557 Aug 10 j 03:10	21° \mathbb{Q} 20'37		desc. node	-1556 Jul 27 j 00:11	11° \mathbb{Q} 21'46	
	-1557 Aug 16 j 02:40	0° \mathbb{M}			-1556 Aug 10 j 19:38	0° \mathbb{M}	
evening max el	-1557 Aug 30 j 17:38	17° \mathbb{M} 48'47	25°16'12	evening max el	-1556 Aug 12 j 05:11	1° \mathbb{M} 23'54	26°21'01
retrograde	-1557 Sep 11 j 15:59	24° \mathbb{M} 42'40		retrograde	-1556 Aug 24 j 22:28	8° \mathbb{M} 35'10	
evening set	-1557 Sep 17 j 12:51	22° \mathbb{M} 13'18		evening set	-1556 Aug 31 j 09:30	5° \mathbb{M} 53'10	
min. Earth dist.	-1557 Sep 21 j 23:39	17° \mathbb{M} 13'25	0.67020 AU	min. Earth dist.	-1556 Sep 04 j 12:27	1° \mathbb{M} 30'42	0.66255 AU
inferior conj	-1557 Sep 22 j 23:48	15° \mathbb{M} 54'36	-1°08'58		-1556 Sep 05 j 18:00	30° \mathbb{R} 02	
minimum elong	-1557 Sep 23 j 01:30	15° \mathbb{M} 49'05	1°08'15	inferior conj	-1556 Sep 06 j 00:23	29° \mathbb{Q} 40'22	-2°03'15

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1556 Sep 06 j 03:23	29° Ω 31'09	2°02'06	direct	-1555 Aug 29 j 19:14	7° Ω 02'58	
morning rise	-1556 Sep 11 j 21:32	23° Ω 51'22		asc. node	-1555 Aug 30 j 02:50	7° Ω 03'31	
asc. node	-1556 Sep 12 j 05:47	23° Ω 40'03		morning max el	-1555 Sep 05 j 08:09	10° Ω 35'18	18°13'01
direct	-1556 Sep 14 j 23:20	22° Ω 57'31			-1555 Sep 18 j 17:56	0° Π	
morning max el	-1556 Sep 21 j 18:35	26° Ω 45'16	18°47'23	morning set	-1555 Sep 23 j 20:55	8° Π 28'58	
	-1556 Sep 24 j 14:47	0° Π			-1555 Oct 07 j 02:19	0° Ω	
morning set	-1556 Oct 12 j 23:30	27° Π 49'10					
	-1556 Oct 14 j 08:28	0° Ω		superior conj	-1555 Oct 08 j 05:54	1° Ω 49'50	0°10'29
desc. node	-1556 Oct 22 j 23:35	13° Ω 38'25		minimum elong	-1555 Oct 08 j 07:13	1° Ω 55'04	0°10'18
max. Earth dist.	-1556 Oct 28 j 16:17	22° Ω 36'19	1.44923 AU	behind sun begin	-1555 Oct 07 j 22:39	1° Ω 21'01	
				behind sun end	-1555 Oct 08 j 15:46	2° Ω 29'04	
superior conj	-1556 Oct 29 j 03:16	23° Ω 19'32	-0°39'08	desc. node	-1555 Oct 09 j 20:36	4° Ω 23'24	
minimum elong	-1556 Oct 28 j 22:12	22° Ω 59'38	0°38'30	max. Earth dist.	-1555 Oct 11 j 11:05	6° Ω 55'31	1.44790 AU
	-1556 Nov 02 j 08:53	0° Π		evening rise	-1555 Oct 24 j 18:53	27° Ω 46'05	
evening rise	-1556 Nov 13 j 20:24	18° Π 16'43			-1555 Oct 26 j 05:20	0° Π	
	-1556 Nov 21 j 03:28	0° Σ		greatest brilliancy	-1555 Nov 06 j 00:58	16° Π 39'33	-0.7m
evening max el	-1556 Dec 05 j 03:43	19° Σ 58'33	18°51'53		-1555 Nov 15 j 11:27	0° Σ	
asc. node	-1556 Dec 09 j 05:03	23° Σ 07'58		evening max el	-1555 Nov 18 j 11:04	3° Σ 25'32	19°39'17
retrograde	-1556 Dec 11 j 22:54	23° Σ 49'10		retrograde	-1555 Nov 25 j 19:45	7° Σ 42'26	
evening set	-1556 Dec 15 j 03:00	22° Σ 51'30		asc. node	-1555 Nov 26 j 02:03	7° Σ 42'02	
inferior conj	-1556 Dec 20 j 20:53	17° Σ 07'42	3°17'40	evening set	-1555 Nov 29 j 07:09	6° Σ 31'43	
minimum elong	-1556 Dec 20 j 18:04	17° Σ 16'25	3°17'01	inferior conj	-1555 Dec 04 j 20:06	0° Σ 33'38	2°41'36
min. Earth dist.	-1556 Dec 22 j 12:42	15° Σ 05'20	0.65320 AU	minimum elong	-1555 Dec 04 j 17:13	0° Σ 43'07	2°40'42
morning rise	-1556 Dec 26 j 08:49	10° Σ 59'31			-1555 Dec 05 j 06:21	30° Σ	
direct	-1555 Jan 01 j 23:52	8° Σ 08'18		min. Earth dist.	-1555 Dec 05 j 22:06	29° Π 08'31	0.66394 AU
morning max el	-1555 Jan 15 j 01:27	15° Σ 45'14	26°49'32	morning rise	-1555 Dec 10 j 03:03	24° Π 21'22	
desc. node	-1555 Jan 18 j 22:51	19° Σ 57'11		direct	-1555 Dec 16 j 05:15	21° Π 40'06	
	-1555 Jan 26 j 20:31	0° Ξ		morning max el	-1555 Dec 28 j 10:46	28° Π 54'38	25°41'32
	-1555 Feb 14 j 18:14	0° Ξ			-1555 Dec 29 j 12:12	0° Σ	
morning set	-1555 Feb 19 j 21:48	9° Ξ 32'18		desc. node	-1554 Jan 05 j 19:54	8° Σ 37'20	
max. Earth dist.	-1555 Feb 24 j 07:14	18° Ξ 09'08	1.34475 AU		-1554 Jan 20 j 15:54	0° Ξ	
				morning set	-1554 Feb 02 j 17:15	22° Ξ 13'17	
superior conj	-1555 Feb 28 j 08:55	26° Ξ 28'41	-1°06'24	max. Earth dist.	-1554 Feb 06 j 13:09	29° Ξ 22'19	1.36020 AU
minimum elong	-1555 Feb 28 j 11:53	26° Ξ 44'06	1°05'53		-1554 Feb 06 j 21:03	0° Ξ	
	-1555 Mar 02 j 01:23	0° Υ		superior conj	-1554 Feb 12 j 02:42	10° Ξ 16'13	-1°29'16
asc. node	-1555 Mar 07 j 04:22	10° Υ 46'00		minimum elong	-1554 Feb 12 j 06:15	10° Ξ 34'03	1°28'49
evening rise	-1555 Mar 07 j 20:53	12° Υ 11'56		evening rise	-1554 Feb 20 j 02:41	26° Ξ 34'35	
	-1555 Mar 17 j 03:50	0° Υ			-1554 Feb 21 j 19:23	0° Υ	
evening max el	-1555 Mar 27 j 14:47	14° Υ 00'09	21°16'59	asc. node	-1554 Feb 22 j 01:24	0° Υ 30'05	
retrograde	-1555 Apr 08 j 11:58	19° Υ 44'52		evening max el	-1554 Mar 09 j 23:24	25° Υ 25'58	20°01'08
evening set	-1555 Apr 10 j 21:19	19° Υ 31'43			-1554 Mar 17 j 14:02	0° Υ	
desc. node	-1555 Apr 16 j 21:57	17° Υ 20'10		retrograde	-1554 Mar 20 j 04:09	0° Υ 18'22	
inferior conj	-1555 Apr 20 j 05:28	15° Υ 32'02	-0°56'13	evening set	-1554 Mar 22 j 08:22	0° Υ 06'02	
minimum elong	-1555 Apr 20 j 02:49	15° Υ 35'46	0°55'16		-1554 Mar 22 j 20:06	30° Υ	
min. Earth dist.	-1555 Apr 20 j 14:59	15° Υ 18'39	0.55056 AU	inferior conj	-1554 Mar 31 j 04:08	26° Υ 05'52	1°00'28
morning rise	-1555 Apr 29 j 08:29	11° Υ 29'14		minimum elong	-1554 Mar 31 j 06:43	26° Υ 01'56	0°59'35
direct	-1555 May 02 j 10:34	11° Υ 08'31		min. Earth dist.	-1554 Apr 02 j 05:09	24° Υ 51'38	0.55583 AU
morning max el	-1555 May 15 j 03:08	17° Υ 11'35	22°17'22	desc. node	-1554 Apr 03 j 18:59	23° Υ 56'51	
	-1555 May 25 j 06:14	0° Υ		morning rise	-1554 Apr 09 j 02:59	21° Υ 37'15	
asc. node	-1555 Jun 03 j 03:39	16° Υ 06'59		direct	-1554 Apr 13 j 01:32	21° Υ 03'07	
morning set	-1555 Jun 05 j 17:13	21° Υ 22'25		morning max el	-1554 Apr 26 j 20:23	27° Υ 53'14	23°57'06
	-1555 Jun 09 j 19:16	0° Π			-1554 Apr 28 j 22:35	0° Υ	
superior conj	-1555 Jun 12 j 22:55	6° Π 41'11	1°27'03		-1554 May 18 j 02:45	0° Υ	
minimum elong	-1555 Jun 12 j 20:23	6° Π 27'52	1°26'46	morning set	-1554 May 21 j 05:00	6° Υ 21'44	
max. Earth dist.	-1555 Jun 16 j 02:41	13° Π 16'13	1.34423 AU	asc. node	-1554 May 21 j 00:42	5° Υ 59'12	
evening rise	-1555 Jun 20 j 21:37	22° Π 52'29					
	-1555 Jun 24 j 15:37	0° Ξ		superior conj	-1554 May 28 j 06:24	21° Υ 30'56	1°09'34
	-1555 Jul 13 j 05:15	0° Ω		minimum elong	-1554 May 28 j 03:55	21° Υ 17'36	1°09'11
desc. node	-1555 Jul 13 j 21:13	0° Ω 54'41		max. Earth dist.	-1554 May 30 j 05:07	25° Υ 41'29	1.33399 AU
evening max el	-1555 Jul 25 j 16:51	14° Ω 50'47	27°06'18		-1554 Jun 01 j 06:01	0° Π	
retrograde	-1555 Aug 07 j 23:36	22° Ω 10'21		evening rise	-1554 Jun 04 j 16:44	7° Π 05'03	
evening set	-1555 Aug 14 j 22:05	19° Ω 23'22			-1554 Jun 17 j 04:14	0° Ξ	
min. Earth dist.	-1555 Aug 18 j 17:52	15° Ω 38'34	0.65124 AU	desc. node	-1554 Jun 30 j 18:13	19° Ξ 47'24	
inferior conj	-1555 Aug 20 j 18:51	13° Ω 19'52	-2°54'54	evening max el	-1554 Jul 08 j 03:19	27° Ξ 58'09	27°25'06
minimum elong	-1555 Aug 20 j 22:52	13° Ω 08'28	2°53'35		-1554 Jul 10 j 09:25	0° Ω	
morning rise	-1555 Aug 27 j 00:13	7° Ω 45'00		retrograde	-1554 Jul 21 j 19:04	5° Ω 19'39	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening set	-1554 Jul 28 j 23:29	2°Ω39'20		min. Earth dist.	-1553 Jul 15 j 00:25	12°Ω46'51	0.61787 AU
	-1554 Aug 01 j 01:10	30°RΩ		inferior conj	-1553 Jul 18 j 02:47	9°Ω58'04	-4°16'31
min. Earth dist.	-1554 Aug 01 j 14:09	29°Ω28'07	0.63620 AU	minimum elong	-1553 Jul 18 j 06:18	9°Ω50'02	4°15'57
inferior conj	-1554 Aug 04 j 04:40	26°Ω48'01	-3°40'52	morning rise	-1553 Jul 25 j 04:19	5°Ω00'24	
minimum elong	-1554 Aug 04 j 09:02	26°Ω36'47	3°39'46	direct	-1553 Jul 27 j 16:41	4°Ω33'20	
morning rise	-1554 Aug 10 j 19:35	21°Ω30'24		morning max el	-1553 Aug 03 j 13:55	8°Ω00'32	17°57'27
direct	-1554 Aug 13 j 10:08	20°Ω57'08		asc. node	-1553 Aug 03 j 20:57	8°Ω17'58	
asc. node	-1554 Aug 16 j 23:53	22°Ω00'11			-1553 Aug 17 j 20:36	0°Ω	
morning max el	-1554 Aug 19 j 23:33	24°Ω22'32	17°56'02	morning set	-1553 Aug 19 j 15:06	3°Ω13'13	
	-1554 Aug 24 j 12:58	0°Ω					
morning set	-1554 Sep 05 j 20:00	20°Ω22'11		superior conj	-1553 Aug 30 j 06:20	22°Ω13'33	1°24'47
	-1554 Sep 11 j 10:02	0°Π		minimum elong	-1553 Aug 30 j 11:06	22°Ω34'12	1°24'20
					-1553 Sep 03 j 19:45	0°Π	
superior conj	-1554 Sep 18 j 04:21	11°Π20'51	0°54'02	max. Earth dist.	-1553 Sep 06 j 15:11	4°Π40'06	1.42519 AU
minimum elong	-1554 Sep 18 j 09:24	11°Π41'41	0°53'25	evening rise	-1553 Sep 13 j 11:27	15°Π41'14	
max. Earth dist.	-1554 Sep 24 j 03:26	21°Π01'57	1.43949 AU	desc. node	-1553 Sep 13 j 14:36	15°Π53'39	
desc. node	-1554 Sep 26 j 17:36	25°Π09'28			-1553 Sep 22 j 19:03	0°Ω	
	-1554 Sep 29 j 19:24	0°Ω			-1553 Oct 15 j 01:19	0°Π	
evening rise	-1554 Oct 04 j 01:59	6°Ω38'41		evening max el	-1553 Oct 15 j 09:12	0°Π20'16	21°54'04
	-1554 Oct 19 j 14:24	0°Π		retrograde	-1553 Oct 24 j 13:32	5°Π47'45	
evening max el	-1554 Nov 01 j 13:03	16°Π52'36	20°41'07	evening set	-1553 Oct 28 j 21:52	4°Π04'40	
retrograde	-1554 Nov 09 j 17:17	21°Π42'44		asc. node	-1553 Oct 30 j 20:07	2°Π13'00	
asc. node	-1554 Nov 12 j 23:05	20°Π42'33			-1553 Nov 01 j 15:25	30°RΩ	
evening set	-1554 Nov 13 j 14:03	20°Π16'53		inferior conj	-1553 Nov 03 j 06:06	27°Ω48'23	1°09'26
inferior conj	-1554 Nov 18 j 23:51	14°Π07'56	1°58'09	minimum elong	-1553 Nov 03 j 04:33	27°Ω53'44	1°08'47
minimum elong	-1554 Nov 18 j 21:26	14°Π16'08	1°57'15	min. Earth dist.	-1553 Nov 03 j 08:58	27°Ω38'27	0.67489 AU
min. Earth dist.	-1554 Nov 19 j 13:40	13°Π20'53	0.67108 AU	morning rise	-1553 Nov 08 j 11:04	21°Ω34'52	
morning rise	-1554 Nov 24 j 04:38	7°Π53'47		direct	-1553 Nov 13 j 07:14	19°Ω32'50	
direct	-1554 Nov 29 j 15:58	5°Π30'11		morning max el	-1553 Nov 23 j 05:09	25°Ω26'38	22°51'26
morning max el	-1554 Dec 10 j 19:16	12°Π08'55	24°18'49		-1553 Nov 27 j 07:48	0°Π	
desc. node	-1554 Dec 23 j 16:55	27°Π58'40		desc. node	-1553 Dec 10 j 13:57	17°Π49'36	
	-1554 Dec 25 j 03:43	0°♂			-1553 Dec 18 j 16:43	0°♂	
	-1553 Jan 13 j 10:49	0°♂		morning set	-1553 Dec 27 j 11:32	14°♂01'41	
morning set	-1553 Jan 15 j 15:52	3°♂48'04		max. Earth dist.	-1552 Jan 01 j 05:20	22°♂00'06	1.40052 AU
max. Earth dist.	-1553 Jan 19 j 09:52	10°♂26'25	1.37945 AU		-1552 Jan 05 j 19:16	0°♂	
superior conj	-1553 Jan 26 j 09:05	23°♂25'02	-1°47'31	superior conj	-1552 Jan 08 j 23:40	5°♂44'17	-1°58'06
minimum elong	-1553 Jan 26 j 12:17	23°♂40'28	1°47'18	minimum elong	-1552 Jan 09 j 01:01	5°♂50'26	1°58'07
	-1553 Jan 29 j 18:22	0°≈		evening rise	-1552 Jan 18 j 16:39	23°♂57'56	
evening rise	-1553 Feb 04 j 02:13	10°≈32'07			-1552 Jan 21 j 21:13	0°≈	
asc. node	-1553 Feb 08 j 22:25	19°≈54'06		asc. node	-1552 Jan 26 j 19:27	8°≈51'31	
	-1553 Feb 14 j 19:39	0°♂		evening max el	-1552 Feb 03 j 22:41	20°≈03'22	18°26'34
evening max el	-1553 Feb 20 j 18:44	7°♂28'44	19°03'54	retrograde	-1552 Feb 11 j 09:30	23°≈43'06	
retrograde	-1553 Mar 01 j 09:31	11°♂36'57		evening set	-1552 Feb 13 j 21:28	23°≈19'40	
evening set	-1553 Mar 03 j 16:48	11°♂20'28		inferior conj	-1552 Feb 21 j 05:28	18°≈46'06	3°29'32
inferior conj	-1553 Mar 11 j 18:28	7°♂06'57	2°33'03	minimum elong	-1552 Feb 21 j 08:48	18°≈39'20	3°29'00
minimum elong	-1553 Mar 11 j 23:05	6°♂58'54	2°31'50	min. Earth dist.	-1552 Feb 24 j 15:41	16°≈00'42	0.58835 AU
min. Earth dist.	-1553 Mar 14 j 20:54	4°♂58'22	0.56941 AU	morning rise	-1552 Feb 28 j 17:45	13°≈18'52	
morning rise	-1553 Mar 20 j 02:26	2°♂06'11		direct	-1552 Mar 05 j 22:06	11°≈39'35	
desc. node	-1553 Mar 21 j 16:03	1°♂34'25		desc. node	-1552 Mar 07 j 13:07	11°≈46'21	
direct	-1553 Mar 25 j 05:10	1°♂04'25		morning max el	-1552 Mar 20 j 05:20	19°≈17'17	26°49'46
morning max el	-1553 Apr 08 j 11:15	8°♂25'56	25°32'57		-1552 Mar 29 j 07:22	0°♂	
	-1553 Apr 24 j 12:45	0°Υ			-1552 Apr 16 j 01:48	0°Υ	
morning set	-1553 May 05 j 16:54	21°Υ21'29		morning set	-1552 Apr 19 j 03:16	6°Υ15'47	
asc. node	-1553 May 07 j 21:45	26°Υ02'43		asc. node	-1552 Apr 23 j 18:48	16°Υ12'50	
	-1553 May 09 j 17:36	0°♂					
				superior conj	-1552 Apr 26 j 04:37	21°Υ29'21	0°25'13
superior conj	-1553 May 12 j 16:54	6°♂29'09	0°48'39	minimum elong	-1552 Apr 26 j 03:31	21°Υ23'19	0°24'59
minimum elong	-1553 May 12 j 14:56	6°♂18'27	0°48'17	max. Earth dist.	-1552 Apr 26 j 03:13	21°Υ21'39	1.32452 AU
max. Earth dist.	-1553 May 13 j 14:24	8°♂26'27	1.32747 AU		-1552 Apr 30 j 02:10	0°♂	
evening rise	-1553 May 19 j 19:34	21°♂40'46		evening rise	-1552 May 03 j 03:29	6°♂30'34	
	-1553 May 23 j 23:17	0°Π			-1552 May 15 j 13:46	0°Π	
	-1553 Jun 11 j 06:12	0°Ω		evening max el	-1552 Jun 01 j 11:57	22°Π28'46	26°27'02
desc. node	-1553 Jun 17 j 15:14	7°Ω43'05		desc. node	-1552 Jun 03 j 12:16	24°Π17'34	
evening max el	-1553 Jun 20 j 10:27	10°Ω34'11	27°12'31	retrograde	-1552 Jun 15 j 12:49	29°Π44'29	
retrograde	-1553 Jul 04 j 08:03	17°Ω53'46		evening set	-1552 Jun 22 j 00:26	27°Π58'36	
evening set	-1553 Jul 11 j 09:46	15°Ω34'18		min. Earth dist.	-1552 Jun 26 j 01:09	25°Π19'36	0.59757 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

inferior conj	-1552 Jun 29 j 09:36	22° Π 40'35	-4°34'33	evening set	-1551 Jun 02 j 16:40	9° Π 42'17	
minimum elong	-1552 Jun 29 j 10:31	22° Π 38'46	4°34'30	min. Earth dist.	-1551 Jun 07 j 18:42	6° Π 54'36	0.57761 AU
morning rise	-1552 Jul 06 j 22:40	18° Π 04'51		inferior conj	-1551 Jun 10 j 21:45	4° Π 46'16	-4°24'34
direct	-1552 Jul 09 j 10:49	17° Π 42'08		minimum elong	-1551 Jun 10 j 18:32	4° Π 51'48	4°24'14
morning max el	-1552 Jul 17 j 00:19	21° Π 21'03	18°18'22	morning rise	-1551 Jun 18 j 23:11	0° Π 32'13	
asc. node	-1552 Jul 20 j 18:02	25° Π 41'04		direct	-1551 Jun 21 j 12:11	0° Π 12'49	
	-1552 Jul 23 j 16:17	0° \mathfrak{D}		morning max el	-1551 Jun 30 j 03:51	4° Π 15'50	18°59'45
morning set	-1552 Aug 02 j 00:48	16° \mathfrak{D} 47'15		asc. node	-1551 Jul 07 j 15:07	13° Π 55'26	
	-1552 Aug 09 j 00:43	0° \mathcal{O}			-1551 Jul 16 j 10:00	0° \mathfrak{D}	
				morning set	-1551 Jul 16 j 20:57	0° \mathfrak{D} 53'48	
superior conj	-1552 Aug 11 j 09:18	4° \mathcal{O} 20'38	1°42'06	superior conj	-1551 Jul 25 j 07:41	17° \mathfrak{D} 27'19	1°48'01
minimum elong	-1552 Aug 11 j 11:53	4° \mathcal{O} 32'28	1°41'59	minimum elong	-1551 Jul 25 j 08:00	17° \mathfrak{D} 28'48	1°48'03
max. Earth dist.	-1552 Aug 18 j 21:45	17° \mathcal{O} 38'56	1.40689 AU	max. Earth dist.	-1551 Aug 01 j 00:47	29° \mathfrak{D} 56'44	1.38702 AU
evening rise	-1552 Aug 23 j 15:53	25° \mathcal{O} 37'35			-1551 Aug 01 j 01:30	0° \mathcal{O}	
	-1552 Aug 26 j 08:27	0° \mathfrak{M}		evening rise	-1551 Aug 04 j 21:45	6° \mathcal{O} 46'56	
desc. node	-1552 Aug 30 j 11:36	6° \mathfrak{M} 32'03		desc. node	-1551 Aug 17 j 08:38	27° \mathcal{O} 00'47	
	-1552 Sep 15 j 13:49	0° \mathfrak{L}			-1551 Aug 19 j 08:07	0° \mathfrak{M}	
evening max el	-1552 Sep 27 j 00:16	13° \mathfrak{L} 49'08	23°13'29	evening max el	-1551 Sep 09 j 12:12	27° \mathfrak{M} 20'59	24°33'03
retrograde	-1552 Oct 07 j 07:05	19° \mathfrak{L} 54'18			-1551 Sep 12 j 09:43	0° \mathfrak{L}	
evening set	-1552 Oct 12 j 04:52	17° \mathfrak{L} 52'34		retrograde	-1551 Sep 20 j 20:54	3° \mathfrak{L} 59'33	
asc. node	-1552 Oct 16 j 17:11	12° \mathfrak{L} 40'22		evening set	-1551 Sep 26 j 09:23	1° \mathfrak{L} 39'22	
min. Earth dist.	-1552 Oct 17 j 05:30	11° \mathfrak{L} 58'15	0.67556 AU		-1551 Sep 28 j 01:44	30° \mathfrak{R} \mathfrak{M}	
inferior conj	-1552 Oct 17 j 13:00	11° \mathfrak{L} 32'29	0°17'05	min. Earth dist.	-1551 Oct 01 j 00:55	26° \mathfrak{M} 19'09	0.67313 AU
minimum elong	-1552 Oct 17 j 12:36	11° \mathfrak{L} 33'52	0°16'54	inferior conj	-1551 Oct 01 j 18:53	25° \mathfrak{M} 19'05	-0°37'20
morning rise	-1552 Oct 22 j 20:14	5° \mathfrak{L} 22'16		minimum elong	-1551 Oct 01 j 19:47	25° \mathfrak{M} 16'03	0°36'57
direct	-1552 Oct 27 j 02:06	3° \mathfrak{L} 42'28		asc. node	-1551 Oct 03 j 14:17	22° \mathfrak{M} 57'29	
morning max el	-1552 Nov 04 j 20:01	8° \mathfrak{L} 51'05	21°27'57	morning rise	-1551 Oct 07 j 06:13	19° \mathfrak{M} 14'51	
	-1552 Nov 21 j 01:06	0° \mathfrak{M}		direct	-1551 Oct 10 j 23:24	17° \mathfrak{M} 55'33	
desc. node	-1552 Nov 26 j 10:59	8° \mathfrak{M} 01'10		morning max el	-1551 Oct 18 j 18:14	22° \mathfrak{M} 25'38	20°14'25
morning set	-1552 Dec 06 j 02:30	22° \mathfrak{M} 53'31			-1551 Oct 25 j 01:29	0° \mathfrak{L}	
	-1552 Dec 10 j 13:08	0° \mathfrak{X}		desc. node	-1551 Nov 13 j 08:00	28° \mathfrak{L} 27'30	
max. Earth dist.	-1552 Dec 13 j 06:47	4° \mathfrak{X} 28'07	1.42046 AU		-1551 Nov 14 j 07:59	0° \mathfrak{M}	
superior conj	-1552 Dec 20 j 16:59	16° \mathfrak{X} 59'53	-1°57'06	morning set	-1551 Nov 15 j 00:12	1° \mathfrak{M} 02'42	
minimum elong	-1552 Dec 20 j 14:37	16° \mathfrak{X} 49'42	1°57'03	max. Earth dist.	-1551 Nov 25 j 15:53	17° \mathfrak{M} 48'27	1.43646 AU
	-1552 Dec 28 j 01:25	0° \mathfrak{Z}		superior conj	-1551 Dec 01 j 07:58	27° \mathfrak{M} 00'33	-1°40'14
evening rise	-1552 Dec 31 j 18:28	6° \mathfrak{Z} 44'02		minimum elong	-1551 Dec 01 j 01:19	26° \mathfrak{M} 33'16	1°39'43
asc. node	-1551 Jan 12 j 16:29	27° \mathfrak{Z} 13'47			-1551 Dec 03 j 03:26	0° \mathfrak{X}	
	-1551 Jan 14 j 16:46	0° \mathfrak{A}		evening rise	-1551 Dec 14 j 03:26	18° \mathfrak{X} 42'03	
evening max el	-1551 Jan 17 j 08:15	3° \mathfrak{A} 01'13	18°09'14		-1551 Dec 20 j 16:29	0° \mathfrak{Z}	
retrograde	-1551 Jan 24 j 02:49	6° \mathfrak{A} 28'26		asc. node	-1551 Dec 30 j 13:32	14° \mathfrak{Z} 50'07	
evening set	-1551 Jan 26 j 18:47	5° \mathfrak{A} 56'49		evening max el	-1551 Dec 31 j 20:29	16° \mathfrak{Z} 13'55	18°11'21
inferior conj	-1551 Feb 02 j 12:09	1° \mathfrak{A} 01'36	3°53'20	retrograde	-1550 Jan 07 j 08:57	19° \mathfrak{Z} 42'03	
minimum elong	-1551 Feb 02 j 13:02	0° \mathfrak{A} 59'33	3°53'16	evening set	-1550 Jan 10 j 04:47	19° \mathfrak{Z} 01'24	
	-1551 Feb 03 j 14:14	30° \mathfrak{R} \mathfrak{Z}		inferior conj	-1550 Jan 16 j 10:52	13° \mathfrak{Z} 45'39	3°52'28
min. Earth dist.	-1551 Feb 05 j 16:33	28° \mathfrak{Z} 03'30	0.60899 AU	minimum elong	-1550 Jan 16 j 09:38	13° \mathfrak{Z} 48'56	3°52'21
morning rise	-1551 Feb 09 j 05:46	25° \mathfrak{Z} 16'08		min. Earth dist.	-1550 Jan 19 j 02:24	10° \mathfrak{Z} 57'25	0.62850 AU
direct	-1551 Feb 16 j 01:48	23° \mathfrak{Z} 00'36		morning rise	-1550 Jan 22 j 13:38	7° \mathfrak{Z} 48'16	
desc. node	-1551 Feb 22 j 10:11	24° \mathfrak{Z} 45'36		direct	-1550 Jan 29 j 14:18	5° \mathfrak{Z} 07'05	
	-1551 Mar 01 j 10:24	0° \mathfrak{A}		desc. node	-1550 Feb 09 j 07:15	10° \mathfrak{Z} 01'50	
morning max el	-1551 Mar 02 j 05:43	0° \mathfrak{A} 46'32	27°35'28	morning max el	-1550 Feb 12 j 11:48	12° \mathfrak{Z} 56'28	27°44'32
	-1551 Mar 23 j 09:00	0° \mathfrak{H}			-1550 Feb 26 j 04:14	0° \mathfrak{A}	
morning set	-1551 Apr 03 j 10:16	20° \mathfrak{H} 58'21			-1550 Mar 15 j 18:51	0° \mathfrak{H}	
	-1551 Apr 07 j 16:54	0° \mathfrak{Y}		morning set	-1550 Mar 18 j 11:38	5° \mathfrak{H} 20'32	
max. Earth dist.	-1551 Apr 09 j 15:47	4° \mathfrak{Y} 14'00	1.32507 AU	max. Earth dist.	-1550 Mar 23 j 23:56	16° \mathfrak{H} 48'02	1.32936 AU
superior conj	-1551 Apr 10 j 15:56	6° \mathfrak{Y} 25'48	0°00'02	superior conj	-1550 Mar 26 j 01:01	21° \mathfrak{H} 11'31	-0°26'03
minimum elong	-1551 Apr 10 j 15:56	6° \mathfrak{Y} 25'47	0°00'02	minimum elong	-1550 Mar 26 j 02:14	21° \mathfrak{H} 18'05	0°25'47
behind sun begin	-1551 Apr 10 j 11:04	5° \mathfrak{Y} 59'14		asc. node	-1550 Mar 28 j 12:54	26° \mathfrak{H} 35'34	
behind sun end	-1551 Apr 10 j 20:47	6° \mathfrak{Y} 52'21			-1550 Mar 30 j 02:41	0° \mathfrak{Y}	
asc. node	-1551 Apr 10 j 15:52	6° \mathfrak{Y} 25'25		evening rise	-1550 Apr 02 j 02:06	6° \mathfrak{Y} 21'41	
evening rise	-1551 Apr 17 j 14:19	21° \mathfrak{Y} 26'52			-1550 Apr 14 j 16:36	0° \mathfrak{B}	
	-1551 Apr 21 j 18:29	0° \mathfrak{B}		evening max el	-1550 Apr 25 j 21:50	14° \mathfrak{B} 22'05	23°41'47
	-1551 May 10 j 19:01	0° Π		desc. node	-1550 May 08 j 06:24	21° \mathfrak{B} 09'10	
evening max el	-1551 May 14 j 06:51	3° Π 40'24	25°13'07	retrograde	-1550 May 09 j 14:27	21° \mathfrak{B} 13'14	
desc. node	-1551 May 21 j 09:20	8° Π 58'53		evening set	-1550 May 13 j 13:32	20° \mathfrak{B} 38'34	
retrograde	-1551 May 28 j 07:34	10° Π 49'20					

min. Earth dist.	-1550 May 20 j 08:39	17° 8 27'56	0.56121 AU		-1549 Apr 26 j 09:52	30° ᠙ ᠑᠑	
inferior conj	-1550 May 22 j 13:40	16° 8 07'55	-3°35'04	min. Earth dist.	-1549 May 01 j 22:05	27° ᠑ 13'45	0.55184 AU
minimum elong	-1550 May 22 j 07:09	16° 8 17'48	3°33'34	inferior conj	-1549 May 02 j 13:23	26° ᠑ 52'10	-2°02'49
morning rise	-1550 May 31 j 03:43	12° 8 09'44		minimum elong	-1549 May 02 j 07:58	26° ᠑ 59'49	2°01'02
direct	-1550 Jun 02 j 18:04	11° 8 52'41		morning rise	-1549 May 11 j 13:35	22° ᠑ 55'53	
morning max el	-1550 Jun 12 j 21:53	16° 8 34'39	20°01'56	direct	-1549 May 14 j 08:49	22° ᠑ 38'14	
	-1550 Jun 22 j 21:57	0° ᠓		morning max el	-1549 May 26 j 04:54	28° ᠑ 11'24	21°23'24
asc. node	-1550 Jun 24 j 12:11	2° ᠓ 48'03			-1549 May 28 j 00:27	0° 8	
morning set	-1550 Jul 01 j 00:18	15° ᠓ 23'12		asc. node	-1549 Jun 11 j 09:13	22° 8 09'36	
	-1550 Jul 08 j 04:40	0° ᠙		morning set	-1549 Jun 15 j 08:26	0° ᠓ 08'51	
					-1549 Jun 15 j 06:43	0° ᠓	
superior conj	-1550 Jul 08 j 20:02	1° ᠙ 17'05	1°45'01				
minimum elong	-1550 Jul 08 j 18:40	1° ᠙ 10'15	1°44'59	superior conj	-1549 Jun 22 j 18:09	15° ᠓ 37'31	1°35'11
max. Earth dist.	-1550 Jul 14 j 04:55	11° ᠙ 47'05	1.36803 AU	minimum elong	-1549 Jun 22 j 15:51	15° ᠓ 25'36	1°34'59
evening rise	-1550 Jul 18 j 02:56	19° ᠙ 04'32		max. Earth dist.	-1549 Jun 26 j 16:16	23° ᠓ 38'04	1.35190 AU
	-1550 Jul 24 j 08:26	0° ᠒			-1549 Jun 29 j 21:50	0° ᠙	
desc. node	-1550 Aug 04 j 05:40	17° ᠒ 14'03		evening rise	-1549 Jul 01 j 02:33	2° ᠙ 17'43	
	-1550 Aug 13 j 10:45	0° ᠓			-1549 Jul 17 j 07:06	0° ᠒	
evening max el	-1550 Aug 22 j 23:16	10° ᠓ 55'25	25°45'34	desc. node	-1549 Jul 22 j 02:42	7° ᠒ 04'33	
retrograde	-1550 Sep 04 j 06:25	17° ᠓ 58'32		evening max el	-1549 Aug 05 j 10:51	24° ᠒ 28'05	26°43'06
evening set	-1550 Sep 10 j 09:32	15° ᠓ 22'47			-1549 Aug 12 j 13:30	0° ᠓	
min. Earth dist.	-1550 Sep 14 j 16:48	10° ᠓ 38'49	0.66738 AU	retrograde	-1549 Aug 18 j 10:52	1° ᠓ 44'38	
inferior conj	-1550 Sep 15 j 21:56	9° ᠓ 05'59	-1°32'12		-1549 Aug 23 j 18:50	30° ᠙ ᠒	
minimum elong	-1550 Sep 16 j 00:12	8° ᠓ 58'46	1°31'17	evening set	-1549 Aug 25 j 03:06	28° ᠒ 59'22	
asc. node	-1550 Sep 20 j 11:20	4° ᠓ 01'25		min. Earth dist.	-1549 Aug 29 j 02:51	24° ᠒ 52'54	0.65816 AU
morning rise	-1550 Sep 21 j 15:04	3° ᠓ 10'37		inferior conj	-1549 Aug 30 j 20:11	22° ᠒ 49'49	-2°25'42
direct	-1550 Sep 24 j 21:43	2° ᠓ 08'38		minimum elong	-1549 Aug 30 j 23:40	22° ᠒ 39'26	2°24'26
morning max el	-1550 Oct 01 j 23:48	6° ᠓ 09'29	19°14'38	morning rise	-1549 Sep 05 j 20:40	17° ᠒ 06'20	
	-1550 Oct 18 j 23:52	0° ᠘		asc. node	-1549 Sep 07 j 08:23	16° ᠒ 29'50	
morning set	-1550 Oct 25 j 04:28	9° ᠘ 38'58		direct	-1549 Sep 08 j 19:10	16° ᠒ 18'03	
desc. node	-1550 Oct 31 j 05:01	19° ᠘ 04'10		morning max el	-1549 Sep 15 j 11:05	19° ᠒ 58'36	18°30'35
	-1550 Nov 07 j 04:07	0° ᠓			-1549 Sep 23 j 03:00	0° ᠓	
max. Earth dist.	-1550 Nov 08 j 06:48	1° ᠓ 45'16	1.44651 AU	morning set	-1549 Oct 05 j 09:30	19° ᠓ 30'52	
					-1549 Oct 11 j 22:09	0° ᠘	
superior conj	-1550 Nov 10 j 21:08	5° ᠓ 51'57	-1°05'34	desc. node	-1549 Oct 18 j 02:02	9° ᠘ 47'09	
minimum elong	-1550 Nov 10 j 13:43	5° ᠓ 22'30	1°04'44				
evening rise	-1550 Nov 25 j 15:11	29° ᠓ 43'59		superior conj	-1549 Oct 20 j 21:16	14° ᠘ 12'15	-0°18'05
	-1550 Nov 25 j 19:04	0° ᠗		minimum elong	-1549 Oct 20 j 18:52	14° ᠘ 02'50	0°17'46
evening max el	-1550 Dec 15 j 08:41	29° ᠗ 35'41	18°32'05	max. Earth dist.	-1549 Oct 22 j 00:46	16° ᠘ 00'32	1.44952 AU
	-1550 Dec 15 j 18:25	0° ᠙			-1549 Oct 30 j 22:23	0° ᠓	
asc. node	-1550 Dec 17 j 10:35	1° ᠙ 27'31		evening rise	-1549 Nov 06 j 02:46	9° ᠓ 45'02	
retrograde	-1550 Dec 21 j 23:26	3° ᠙ 15'33		greatest brilliancy	-1549 Nov 15 j 12:24	24° ᠓ 34'45	-0.8m
evening set	-1550 Dec 25 j 00:01	2° ᠙ 24'42			-1549 Nov 19 j 00:46	0° ᠗	
	-1550 Dec 28 j 01:15	30° ᠙ ᠗		evening max el	-1549 Nov 28 j 18:26	13° ᠗ 01'39	19°10'13
inferior conj	-1550 Dec 30 j 21:41	26° ᠗ 50'35	3°34'05	asc. node	-1549 Dec 04 j 07:37	16° ᠗ 50'33	
minimum elong	-1550 Dec 30 j 19:11	26° ᠗ 57'53	3°33'39	retrograde	-1549 Dec 05 j 18:39	17° ᠗ 02'28	
min. Earth dist.	-1549 Jan 01 j 22:10	24° ᠗ 28'23	0.64516 AU	evening set	-1549 Dec 09 j 01:34	15° ᠗ 59'39	
morning rise	-1549 Jan 05 j 13:53	20° ᠗ 45'25		inferior conj	-1549 Dec 14 j 17:08	10° ᠗ 09'40	3°03'23
direct	-1549 Jan 12 j 10:21	17° ᠗ 53'26		minimum elong	-1549 Dec 14 j 14:12	10° ᠗ 18'58	3°02'37
morning max el	-1549 Jan 25 j 20:59	25° ᠗ 38'48	27°18'19	min. Earth dist.	-1549 Dec 16 j 02:59	8° ᠗ 22'32	0.65823 AU
desc. node	-1549 Jan 27 j 04:16	26° ᠗ 59'00		morning rise	-1549 Dec 20 j 02:34	3° ᠗ 59'30	
	-1549 Jan 29 j 21:45	0° ᠙		direct	-1549 Dec 26 j 12:39	1° ᠗ 10'54	
	-1549 Feb 19 j 15:51	0° ≈		morning max el	-1548 Jan 08 j 06:26	8° ᠗ 40'21	26°22'59
morning set	-1549 Mar 02 j 04:31	19° ≈ 13'09		desc. node	-1548 Jan 14 j 01:17	15° ᠗ 07'30	
max. Earth dist.	-1549 Mar 06 j 23:38	28° ≈ 51'09	1.33778 AU		-1548 Jan 25 j 00:55	0° ᠙	
	-1549 Mar 07 j 12:58	0° ᠑			-1548 Feb 12 j 02:17	0° ≈	
				morning set	-1548 Feb 13 j 09:07	2° ≈ 23'39	
superior conj	-1549 Mar 10 j 06:04	5° ᠑ 40'34	-0°52'00	max. Earth dist.	-1548 Feb 17 j 11:47	10° ≈ 17'45	1.35073 AU
minimum elong	-1549 Mar 10 j 08:27	5° ᠑ 53'13	0°51'33				
asc. node	-1549 Mar 15 j 09:56	16° ᠑ 39'21		superior conj	-1548 Feb 22 j 04:43	19° ≈ 45'13	-1°16'31
evening rise	-1549 Mar 17 j 13:02	21° ᠑ 08'54		minimum elong	-1548 Feb 22 j 08:01	20° ≈ 02'07	1°16'01
	-1549 Mar 21 j 21:32	0° ᠑			-1548 Feb 27 j 03:20	0° ᠑	
evening max el	-1549 Apr 07 j 15:35	25° ᠑ 02'55	22°07'35	evening rise	-1548 Feb 29 j 21:14	5° ᠑ 41'44	
	-1549 Apr 14 j 15:38	0° 8		asc. node	-1548 Mar 01 j 06:58	6° ᠑ 31'45	
retrograde	-1549 Apr 20 j 09:22	1° 8 16'26			-1548 Mar 14 j 12:01	0° ᠑	
evening set	-1549 Apr 23 j 03:48	0° 8 59'28		evening max el	-1548 Mar 19 j 18:01	6° ᠑ 08'15	20°42'45
desc. node	-1549 Apr 25 j 03:25	0° 8 27'46		retrograde	-1548 Mar 30 j 22:21	11° ᠑ 29'57	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening set	-1548 Apr 02 j 03:57	11° Υ 17'59			-1547 Feb 18 j 04:34	0° H	
inferior conj	-1548 Apr 11 j 08:08	7° Υ 20'35	-0°05'28	evening max el	-1547 Mar 02 j 07:19	17° H 49'30	19°34'22
minimum elong	-1548 Apr 11 j 07:53	7° Υ 20'57	0°05'22	retrograde	-1547 Mar 11 j 18:40	22° H 21'13	
transit middle	-1548 Apr 11 j 07:53	7° Υ 20'57	0°05'22	evening set	-1547 Mar 13 j 23:56	22° H 07'25	
transit begin	-1548 Apr 11 j 04:03	7° Υ 26'28		inferior conj	-1547 Mar 22 j 12:12	18° H 02'41	1°43'55
transit end	-1548 Apr 11 j 11:43	7° Υ 15'27		minimum elong	-1547 Mar 22 j 16:09	17° H 56'21	1°42'41
desc. node	-1548 Apr 11 j 00:26	7° Υ 31'39		min. Earth dist.	-1547 Mar 25 j 02:11	16° H 24'04	0.56073 AU
min. Earth dist.	-1548 Apr 12 j 11:50	6° Υ 40'49	0.55165 AU	desc. node	-1547 Mar 28 j 21:28	14° H 17'11	
morning rise	-1548 Apr 20 j 10:49	3° Υ 08'18		morning rise	-1547 Mar 31 j 05:50	13° H 20'46	
direct	-1548 Apr 23 j 20:25	2° Υ 43'12		direct	-1547 Apr 04 j 16:11	12° H 36'36	
morning max el	-1548 May 07 j 01:51	9° Υ 08'13	22°59'15	morning max el	-1547 Apr 18 j 17:05	19° H 41'28	24°39'24
	-1548 May 22 j 03:00	0° B			-1547 Apr 27 j 09:49	0° Υ	
asc. node	-1548 May 28 j 06:16	11° B 52'39		morning set	-1547 May 14 j 07:28	0° B 05'25	
morning set	-1548 May 29 j 19:25	15° B 05'05			-1547 May 14 j 06:26	0° B	
				asc. node	-1547 May 15 j 03:19	1° B 50'18	
superior conj	-1548 Jun 05 j 22:56	0° II 19'03	1°20'07	superior conj	-1547 May 21 j 07:55	15° B 13'05	1°01'04
minimum elong	-1548 Jun 05 j 20:22	0° II 05'22	1°19'47	minimum elong	-1547 May 21 j 05:36	15° B 00'34	1°00'40
	-1548 Jun 05 j 19:21	0° II		max. Earth dist.	-1547 May 22 j 19:37	18° B 26'15	1.33076 AU
max. Earth dist.	-1548 Jun 08 j 13:38	5° II 50'22	1.33945 AU		-1547 May 28 j 07:21	0° II	
evening rise	-1548 Jun 13 j 15:44	16° II 12'40		evening rise	-1547 May 28 j 14:29	0° II 36'23	
	-1548 Jun 20 j 23:51	0° B			-1547 Jun 13 j 23:52	0° B	
desc. node	-1548 Jul 07 j 23:43	26° B 22'33		desc. node	-1547 Jun 24 j 20:44	14° B 53'45	
	-1548 Jul 10 j 19:56	0° Ω		evening max el	-1547 Jun 30 j 08:03	20° B 46'08	27°23'49
evening max el	-1548 Jul 17 j 22:31	7° Ω 49'43	27°17'57	retrograde	-1547 Jul 14 j 02:13	28° B 06'10	
retrograde	-1548 Jul 31 j 09:42	15° Ω 10'19		evening set	-1547 Jul 21 j 06:53	25° B 33'04	
evening set	-1548 Aug 07 j 11:23	12° Ω 24'59		min. Earth dist.	-1547 Jul 24 j 20:46	22° B 33'35	0.62882 AU
min. Earth dist.	-1548 Aug 11 j 04:46	8° Ω 54'53	0.64529 AU	inferior conj	-1547 Jul 27 j 16:40	19° B 48'09	-3°57'35
inferior conj	-1548 Aug 13 j 11:22	6° Ω 26'15	-3°15'20	minimum elong	-1547 Jul 27 j 20:51	19° B 37'53	3°56'42
minimum elong	-1548 Aug 13 j 15:39	6° Ω 14'34	3°14'04	morning rise	-1547 Aug 03 j 11:57	14° B 38'33	
morning rise	-1548 Aug 19 j 20:38	0° Ω 58'00		direct	-1547 Aug 06 j 01:27	14° B 08'03	
direct	-1548 Aug 22 j 13:28	0° Ω 19'59		asc. node	-1547 Aug 11 j 02:30	16° B 07'46	
asc. node	-1548 Aug 24 j 05:26	0° Ω 34'30		morning max el	-1547 Aug 12 j 17:02	17° B 32'46	17°54'18
morning max el	-1548 Aug 29 j 01:44	3° Ω 48'28	18°03'31		-1547 Aug 21 j 14:53	0° Ω	
	-1548 Sep 15 j 07:58	0° H		morning set	-1547 Aug 29 j 02:58	13° Ω 05'12	
morning set	-1548 Sep 15 j 18:36	0° H 44'52			-1547 Sep 07 j 19:47	0° H	
superior conj	-1548 Sep 29 j 06:30	23° H 03'41	0°30'16	superior conj	-1547 Sep 09 j 16:30	3° H 09'07	1°08'47
minimum elong	-1548 Sep 29 j 09:57	23° H 17'35	0°29'48	minimum elong	-1547 Sep 09 j 21:50	3° H 31'29	1°08'11
desc. node	-1548 Oct 03 j 23:05	0° B 33'25		max. Earth dist.	-1547 Sep 16 j 10:19	14° H 16'14	1.43413 AU
	-1548 Oct 03 j 14:39	0° B		desc. node	-1547 Sep 20 j 20:06	21° H 19'12	
max. Earth dist.	-1548 Oct 03 j 19:03	0° B 17'27	1.44521 AU	evening rise	-1547 Sep 24 j 22:54	27° H 46'15	
evening rise	-1548 Oct 15 j 17:08	18° B 55'11			-1547 Sep 26 j 09:28	0° B	
	-1548 Oct 22 j 22:20	0° H		evening max el	-1547 Oct 16 j 19:26	0° H	
greatest brilliancy	-1548 Oct 29 j 12:58	9° H 57'47	-0.6m	retrograde	-1547 Oct 24 j 23:19	9° H 56'57	21°10'58
evening max el	-1548 Nov 10 j 23:46	26° H 29'26	20°03'59	evening set	-1547 Nov 02 j 13:08	15° H 02'19	
	-1548 Nov 15 j 06:56	0° H		asc. node	-1547 Nov 06 j 14:41	13° H 29'07	
retrograde	-1548 Nov 18 j 15:55	0° H 59'12		inferior conj	-1547 Nov 07 j 01:40	13° H 06'47	
asc. node	-1548 Nov 20 j 04:38	0° H 45'45		minimum elong	-1547 Nov 11 j 23:37	7° H 16'32	1°38'02
	-1548 Nov 21 j 20:27	30° H		min. Earth dist.	-1547 Nov 11 j 21:32	7° H 23'41	1°37'11
evening set	-1548 Nov 22 j 07:08	29° H 42'16		morning rise	-1547 Nov 12 j 08:34	6° H 45'46	0.67315 AU
inferior conj	-1548 Nov 27 j 18:33	23° H 39'19	2°23'53		-1547 Nov 17 j 04:14	1° H 02'35	
minimum elong	-1548 Nov 27 j 15:48	23° H 48'29	2°22'58	direct	-1547 Nov 18 j 13:11	30° H	
min. Earth dist.	-1548 Nov 28 j 15:11	22° H 30'28	0.66751 AU		-1547 Nov 22 j 09:03	28° B 48'09	
morning rise	-1548 Dec 03 j 00:17	17° H 26'13		morning max el	-1547 Nov 26 j 13:58	0° H	
direct	-1548 Dec 08 j 20:26	14° H 51'41		desc. node	-1547 Dec 02 j 23:54	5° H 07'51	23°41'40
morning max el	-1548 Dec 20 j 15:03	21° H 51'38	25°07'25		-1547 Dec 17 j 19:25	23° H 42'06	
	-1548 Dec 27 j 18:03	0° H		morning set	-1547 Dec 22 j 03:52	0° H	
desc. node	-1548 Dec 30 j 22:21	4° H 06'46			-1546 Jan 07 j 08:14	25° H 39'44	
	-1547 Jan 17 j 07:25	0° B		max. Earth dist.	-1546 Jan 09 j 20:47	0° B	
morning set	-1547 Jan 25 j 20:23	14° B 37'44			-1546 Jan 11 j 08:45	2° B 37'27	1.38838 AU
max. Earth dist.	-1547 Jan 29 j 13:01	21° B 22'22	1.36806 AU	superior conj	-1546 Jan 18 j 18:25	16° B 06'56	-1°53'10
	-1547 Feb 03 j 01:47	0° \approx		minimum elong	-1546 Jan 18 j 21:03	16° B 19'22	1°53'03
superior conj	-1547 Feb 04 j 18:06	3° \approx 17'18	-1°37'44		-1546 Jan 25 j 23:39	0° \approx	
minimum elong	-1547 Feb 04 j 21:39	3° \approx 34'50	1°37'23	evening rise	-1546 Jan 27 j 20:45	3° \approx 39'49	
evening rise	-1547 Feb 13 j 00:38	19° \approx 54'09		asc. node	-1546 Feb 03 j 01:01	15° \approx 21'43	
asc. node	-1547 Feb 16 j 03:59	26° \approx 07'45					

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1546 Feb 13 j 03:49	0°♄				-1545 Jan 18 j 11:22	0°♁	
evening max el	-1546 Feb 13 j 06:37	0°♄06'48	18°45'31	asc. node		-1545 Jan 20 j 22:04	4°♁05'29	
retrograde	-1546 Feb 21 j 08:12	4°♄01'17		evening max el		-1545 Jan 27 j 13:17	12°♁52'05	18°16'46
evening set	-1546 Feb 23 j 17:26	3°♄42'05		retrograde		-1545 Feb 03 j 16:05	16°♁25'01	
	-1546 Mar 02 j 13:37	30°♁		evening set		-1545 Feb 06 j 05:38	15°♁58'22	
inferior conj	-1546 Mar 03 j 11:14	29°♁20'08	3°01'29	inferior conj		-1545 Feb 13 j 07:01	11°♁15'44	3°43'11
minimum elong	-1546 Mar 03 j 15:36	29°♁12'00	3°00'31	minimum elong		-1545 Feb 13 j 09:20	11°♁10'43	3°42'54
min. Earth dist.	-1546 Mar 06 j 18:48	26°♁53'24	0.57696 AU	min. Earth dist.		-1545 Feb 16 j 16:04	8°♁21'37	0.59705 AU
morning rise	-1546 Mar 11 j 11:01	24°♁07'01		morning rise		-1545 Feb 20 j 10:56	5°♁39'25	
desc. node	-1546 Mar 15 j 18:32	22°♁54'22		direct		-1545 Feb 26 j 23:10	3°♁43'47	
direct	-1546 Mar 17 j 01:18	22°♁50'18		desc. node		-1545 Mar 02 j 15:36	4°♁19'04	
	-1546 Mar 31 j 00:40	0°♄		morning max el		-1545 Mar 13 j 05:47	11°♁26'38	27°13'31
morning max el	-1546 Mar 31 j 08:58	0°♄19'54	26°09'00			-1545 Mar 27 j 17:48	0°♄	
	-1546 Apr 21 j 04:08	0°♄		morning set		-1545 Apr 13 j 04:08	29°♄54'03	
morning set	-1546 Apr 28 j 18:58	15°♄04'09				-1545 Apr 13 j 05:16	0°♄	
asc. node	-1546 May 02 j 00:23	21°♄57'29		asc. node		-1545 Apr 18 j 21:26	12°♄08'56	
superior conj	-1546 May 05 j 19:10	0°♄13'07	0°38'59	superior conj		-1545 Apr 20 j 06:55	15°♄12'10	0°14'42
minimum elong	-1546 May 05 j 17:32	0°♄04'11	0°38'40	minimum elong		-1545 Apr 20 j 06:15	15°♄08'34	0°14'34
	-1546 May 05 j 16:46	0°♄		behind sun begin		-1545 Apr 20 j 04:19	14°♄57'55	
max. Earth dist.	-1546 May 06 j 07:00	1°♄17'51	1.32574 AU	behind sun end		-1545 Apr 20 j 08:12	15°♄19'12	
evening rise	-1546 May 12 j 19:48	15°♄19'11		max. Earth dist.		-1545 Apr 19 j 20:00	14°♄12'21	1.32425 AU
	-1546 May 20 j 07:06	0°♄		evening rise		-1545 Apr 27 j 05:10	0°♄12'01	
	-1546 Jun 09 j 12:43	0°♄				-1545 Apr 27 j 02:53	0°♄	
desc. node	-1546 Jun 11 j 17:45	2°♄18'23				-1545 May 13 j 14:51	0°♄	
evening max el	-1546 Jun 12 j 12:52	3°♄04'53	26°57'01	evening max el		-1545 May 25 j 11:15	14°♄39'28	25°58'33
retrograde	-1546 Jun 26 j 11:51	10°♄23'12		desc. node		-1545 May 29 j 14:47	18°♄08'42	
evening set	-1546 Jul 03 j 09:23	8°♄16'19		retrograde		-1545 Jun 08 j 13:02	21°♄53'59	
min. Earth dist.	-1546 Jul 07 j 02:34	5°♄34'57	0.60942 AU	evening set		-1545 Jun 14 j 14:39	20°♄24'28	
inferior conj	-1546 Jul 10 j 08:43	2°♄47'34	-4°26'50	min. Earth dist.		-1545 Jun 18 j 23:53	17°♄43'44	0.58879 AU
minimum elong	-1546 Jul 10 j 11:22	2°♄41'51	4°26'32	inferior conj		-1545 Jun 22 j 07:54	15°♄14'56	-4°34'30
	-1546 Jul 13 j 20:19	30°♄		minimum elong		-1545 Jun 22 j 07:10	15°♄16'18	4°34'27
morning rise	-1546 Jul 17 j 15:06	27°♄59'24		morning rise		-1545 Jun 30 j 02:10	10°♄48'57	
direct	-1546 Jul 20 j 03:15	27°♄34'20		direct		-1545 Jul 02 j 14:25	10°♄27'54	
	-1546 Jul 26 j 01:03	0°♄		morning max el		-1545 Jul 10 j 14:02	14°♄15'36	18°33'29
morning max el	-1546 Jul 27 j 06:09	1°♄04'46	18°03'56	asc. node		-1545 Jul 15 j 20:41	20°♄41'44	
asc. node	-1546 Jul 28 j 23:36	2°♄55'21				-1545 Jul 21 j 11:11	0°♄	
morning set	-1546 Aug 12 j 04:51	26°♄16'01		morning set		-1545 Jul 26 j 19:26	10°♄04'49	
	-1546 Aug 14 j 05:08	0°♄						
				superior conj		-1545 Aug 04 j 17:45	27°♄10'17	1°45'50
superior conj	-1546 Aug 22 j 05:48	14°♄35'40	1°33'40	minimum elong		-1545 Aug 04 j 19:20	27°♄17'38	1°45'49
minimum elong	-1546 Aug 22 j 09:44	14°♄53'08	1°33'22			-1545 Aug 06 j 06:22	0°♄	
max. Earth dist.	-1546 Aug 29 j 19:52	27°♄38'52	1.41779 AU	max. Earth dist.		-1545 Aug 11 j 23:59	10°♄17'33	1.39843 AU
	-1546 Aug 31 j 05:50	0°♄		evening rise		-1545 Aug 16 j 05:59	17°♄34'15	
evening rise	-1546 Sep 04 j 14:53	7°♄07'13				-1545 Aug 23 j 21:56	0°♄	
desc. node	-1546 Sep 07 j 17:07	12°♄01'23		desc. node		-1545 Aug 25 j 14:08	2°♄36'22	
	-1546 Sep 19 j 14:54	0°♄				-1545 Sep 14 j 02:35	0°♄	
evening max el	-1546 Oct 07 j 16:58	23°♄24'19	22°27'19	evening max el		-1545 Sep 20 j 06:22	6°♄54'30	23°47'43
retrograde	-1546 Oct 17 j 08:31	29°♄08'33		retrograde		-1545 Oct 01 j 00:45	13°♄15'20	
evening set	-1546 Oct 21 j 22:24	27°♄17'27		evening set		-1545 Oct 06 j 04:34	11°♄05'45	
asc. node	-1546 Oct 24 j 22:45	24°♄05'36		min. Earth dist.		-1545 Oct 11 j 01:13	5°♄25'24	0.67487 AU
inferior conj	-1546 Oct 27 j 06:23	20°♄58'49	0°47'35	inferior conj		-1545 Oct 11 j 13:05	4°♄44'56	-0°05'49
minimum elong	-1546 Oct 27 j 05:18	21°♄02'35	0°47'06	minimum elong		-1545 Oct 11 j 13:14	4°♄44'28	0°05'46
min. Earth dist.	-1546 Oct 27 j 04:44	21°♄04'31	0.67555 AU	transit middle		-1545 Oct 11 j 13:14	4°♄44'28	0°05'46
morning rise	-1546 Nov 01 j 12:05	14°♄46'22		transit begin		-1545 Oct 11 j 10:41	4°♄53'07	
direct	-1546 Nov 06 j 01:53	12°♄54'07		transit end		-1545 Oct 11 j 15:46	4°♄35'48	
morning max el	-1546 Nov 15 j 11:42	18°♄28'38	22°14'59	asc. node		-1545 Oct 11 j 19:50	4°♄22'00	
	-1546 Nov 25 j 00:27	0°♄				-1545 Oct 15 j 08:43	30°♄	
desc. node	-1546 Dec 04 j 16:27	13°♄42'33		morning rise		-1545 Oct 16 j 21:50	28°♄36'39	
	-1546 Dec 15 j 08:03	0°♄		direct		-1545 Oct 20 j 22:01	27°♄05'52	
morning set	-1546 Dec 18 j 15:24	5°♄17'11				-1545 Oct 27 j 03:08	0°♄	
max. Earth dist.	-1546 Dec 24 j 06:09	14°♄32'43	1.40927 AU	morning max el		-1545 Oct 29 j 05:32	1°♄57'33	20°55'06
						-1545 Nov 18 j 21:43	0°♄	
superior conj	-1545 Jan 01 j 00:37	28°♄00'23	-1°59'22	desc. node		-1545 Nov 21 j 13:29	4°♄01'15	
minimum elong	-1545 Jan 01 j 00:36	28°♄00'19	1°59'24	morning set		-1545 Nov 27 j 20:39	13°♄43'45	
	-1545 Jan 02 j 03:20	0°♄		max. Earth dist.		-1545 Dec 06 j 10:21	27°♄22'25	1.42788 AU
evening rise	-1545 Jan 11 j 06:20	16°♄49'52				-1545 Dec 08 j 00:58	0°♄	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1545 Dec 13 j 07:13	8° ♄ 45'21	-1°52'06	superior conj	-1544 Nov 22 j 10:38	18° ♄ 14'41	-1°27'37
minimum elong	-1545 Dec 13 j 02:56	8° ♄ 27'15	1°51'54	minimum elong	-1544 Nov 22 j 02:57	17° ♄ 43'40	1°26'54
evening rise	-1545 Dec 25 j 01:32	29° ♄ 16'30			-1544 Nov 29 j 14:55	0° ♄	
	-1545 Dec 25 j 11:17	0° ♄		evening rise	-1544 Dec 06 j 01:56	10° ♄ 51'10	
asc. node	-1544 Jan 07 j 19:06	22° ♄ 09'48			-1544 Dec 17 j 13:58	0° ♄	
evening max el	-1544 Jan 11 j 00:24	25° ♄ 57'26	18°07'49	evening max el	-1544 Dec 24 j 12:59	9° ♄ 14'50	18°17'57
retrograde	-1544 Jan 17 j 15:12	29° ♄ 23'19		asc. node	-1544 Dec 24 j 16:08	9° ♄ 22'46	
evening set	-1544 Jan 20 j 08:47	28° ♄ 48'01		retrograde	-1544 Dec 31 j 01:16	12° ♄ 46'18	
inferior conj	-1544 Jan 26 j 21:00	23° ♄ 44'12	3°55'27	evening set	-1543 Jan 02 j 23:06	12° ♄ 01'21	
minimum elong	-1544 Jan 26 j 20:54	23° ♄ 44'29	3°55'25	inferior conj	-1543 Jan 09 j 01:17	6° ♄ 37'30	3°46'24
min. Earth dist.	-1544 Jan 29 j 20:38	20° ♄ 47'33	0.61762 AU	minimum elong	-1543 Jan 08 j 23:24	6° ♄ 42'42	3°46'10
morning rise	-1544 Feb 02 j 07:47	17° ♄ 53'05		min. Earth dist.	-1543 Jan 11 j 10:28	3° ♄ 59'00	0.63611 AU
direct	-1544 Feb 09 j 07:14	15° ♄ 24'33		morning rise	-1543 Jan 14 j 23:06	0° ♄ 36'44	
desc. node	-1544 Feb 17 j 12:40	18° ♄ 20'41			-1543 Jan 15 j 18:33	30° ♄ 51'	
morning max el	-1544 Feb 23 j 08:40	23° ♄ 12'58	27°43'41	direct	-1543 Jan 21 j 23:05	27° ♄ 49'07	
	-1544 Feb 29 j 10:35	0° ♄			-1543 Jan 28 j 18:03	0° ♄	
	-1544 Mar 19 j 21:48	0° ♄		desc. node	-1543 Feb 03 j 09:42	4° ♄ 23'38	
morning set	-1544 Mar 27 j 08:59	14° ♄ 28'23		morning max el	-1543 Feb 04 j 16:11	5° ♄ 37'03	27°37'21
max. Earth dist.	-1544 Apr 02 j 06:55	26° ♄ 57'01	1.32641 AU		-1543 Feb 23 j 05:30	0° ♄	
				morning set	-1543 Mar 11 j 07:07	28° ♄ 39'03	
superior conj	-1544 Apr 03 j 17:29	0° ♄ 04'31	-0°10'59		-1543 Mar 11 j 23:18	0° ♄	
minimum elong	-1544 Apr 03 j 17:59	0° ♄ 07'17	0°10'52	max. Earth dist.	-1543 Mar 16 j 11:56	9° ♄ 19'09	1.33244 AU
behind sun begin	-1544 Apr 03 j 14:15	29° ♄ 46'56		superior conj	-1543 Mar 19 j 01:06	14° ♄ 44'06	-0°37'08
behind sun end	-1544 Apr 03 j 21:43	0° ♄ 27'39		minimum elong	-1543 Mar 19 j 02:50	14° ♄ 53'22	0°36'47
	-1544 Apr 03 j 16:39	0° ♄		asc. node	-1543 Mar 22 j 15:30	22° ♄ 28'43	
asc. node	-1544 Apr 04 j 18:28	2° ♄ 20'41		evening rise	-1543 Mar 26 j 04:15	0° ♄ 00'38	
evening rise	-1544 Apr 10 j 16:36	15° ♄ 07'59			-1543 Mar 26 j 04:07	0° ♄	
	-1544 Apr 18 j 03:49	0° ♄			-1543 Apr 12 j 07:27	0° ♄	
evening max el	-1544 May 06 j 03:59	25° ♄ 35'34	24°35'36	evening max el	-1543 Apr 17 j 19:27	6° ♄ 13'55	23°01'16
	-1544 May 11 j 17:35	0° ♄		retrograde	-1543 May 01 j 04:00	12° ♄ 50'45	
desc. node	-1544 May 15 j 11:50	1° ♄ 49'30		desc. node	-1543 May 02 j 08:52	12° ♄ 47'32	
retrograde	-1544 May 20 j 02:58	2° ♄ 38'42		evening set	-1543 May 04 j 13:36	12° ♄ 25'28	
evening set	-1544 May 24 j 21:34	1° ♄ 47'15		min. Earth dist.	-1543 May 12 j 05:07	9° ♄ 01'51	0.55621 AU
	-1544 May 28 j 17:40	30° ♄ 51'		inferior conj	-1543 May 13 j 19:30	8° ♄ 06'10	-3°00'42
min. Earth dist.	-1544 May 30 j 15:44	28° ♄ 51'01	0.56992 AU	minimum elong	-1543 May 13 j 12:47	8° ♄ 15'58	2°58'50
inferior conj	-1544 Jun 02 j 11:20	27° ♄ 01'45	-4°09'00	morning rise	-1543 May 22 j 14:23	4° ♄ 10'51	
minimum elong	-1544 Jun 02 j 06:23	27° ♄ 09'48	4°08'12	direct	-1543 May 25 j 06:22	3° ♄ 53'53	
morning rise	-1544 Jun 10 j 18:07	22° ♄ 55'13		morning max el	-1543 Jun 05 j 03:00	8° ♄ 56'26	20°34'26
direct	-1544 Jun 13 j 07:28	22° ♄ 37'01		asc. node	-1543 Jun 18 j 14:48	28° ♄ 19'30	
morning max el	-1544 Jun 22 j 13:42	26° ♄ 55'24	19°23'43		-1543 Jun 19 j 12:04	0° ♄	
	-1544 Jun 25 j 10:44	0° ♄		morning set	-1543 Jun 24 j 00:37	8° ♄ 58'57	
asc. node	-1544 Jul 01 j 17:45	9° ♄ 13'19		superior conj	-1543 Jul 01 j 15:31	24° ♄ 40'21	1°41'35
morning set	-1544 Jul 09 j 18:57	24° ♄ 21'29		minimum elong	-1543 Jul 01 j 13:41	24° ♄ 30'57	1°41'29
	-1544 Jul 12 j 14:33	0° ♄			-1543 Jul 04 j 07:01	0° ♄	
superior conj	-1544 Jul 17 j 22:35	10° ♄ 36'13	1°47'42	max. Earth dist.	-1543 Jul 06 j 09:39	4° ♄ 09'17	1.36076 AU
minimum elong	-1544 Jul 17 j 22:06	10° ♄ 33'50	1°47'43	evening rise	-1543 Jul 10 j 11:56	11° ♄ 56'48	
max. Earth dist.	-1544 Jul 24 j 02:37	22° ♄ 20'01	1.37866 AU		-1543 Jul 20 j 20:46	0° ♄	
evening rise	-1544 Jul 27 j 22:16	29° ♄ 13'46		desc. node	-1543 Jul 29 j 08:11	13° ♄ 03'42	
	-1544 Jul 28 j 08:45	0° ♄			-1543 Aug 11 j 08:36	0° ♄	
desc. node	-1544 Aug 11 j 11:09	22° ♄ 59'06		evening max el	-1543 Aug 15 j 05:13	4° ♄ 03'14	26°12'20
	-1544 Aug 16 j 05:55	0° ♄		retrograde	-1543 Aug 27 j 19:56	11° ♄ 12'30	
evening max el	-1544 Sep 01 j 17:50	20° ♄ 28'16	25°05'20	evening set	-1543 Sep 03 j 05:03	8° ♄ 31'51	
retrograde	-1544 Sep 13 j 12:45	27° ♄ 18'16		min. Earth dist.	-1543 Sep 07 j 09:05	4° ♄ 03'53	0.66396 AU
evening set	-1544 Sep 19 j 07:26	24° ♄ 51'16		inferior conj	-1543 Sep 08 j 19:14	2° ♄ 17'58	-1°55'11
min. Earth dist.	-1544 Sep 23 j 19:29	19° ♄ 46'01	0.67108 AU	minimum elong	-1543 Sep 08 j 22:02	2° ♄ 09'15	1°54'04
inferior conj	-1544 Sep 24 j 17:59	18° ♄ 32'07	-1°00'38		-1543 Sep 10 j 17:00	30° ♄ 51'	
minimum elong	-1544 Sep 24 j 19:28	18° ♄ 27'14	1°00'00	morning rise	-1543 Sep 14 j 15:18	26° ♄ 27'19	
asc. node	-1544 Sep 27 j 16:53	14° ♄ 52'43		asc. node	-1543 Sep 14 j 13:56	26° ♄ 29'21	
morning rise	-1544 Sep 30 j 07:34	12° ♄ 31'04		direct	-1543 Sep 17 j 18:18	25° ♄ 31'27	
direct	-1544 Oct 03 j 20:03	11° ♄ 19'21		morning max el	-1543 Sep 24 j 15:04	29° ♄ 22'08	18°53'55
morning max el	-1544 Oct 11 j 06:51	15° ♄ 35'48	19°47'08		-1543 Sep 25 j 05:34	0° ♄	
	-1544 Oct 22 j 07:52	0° ♄			-1543 Oct 15 j 16:07	0° ♄	
morning set	-1544 Nov 05 j 18:03	21° ♄ 55'40		morning set	-1543 Oct 16 j 07:36	1° ♄ 01'14	
desc. node	-1544 Nov 07 j 10:30	24° ♄ 32'25		desc. node	-1543 Oct 25 j 07:31	15° ♄ 12'05	
	-1544 Nov 10 j 22:37	0° ♄		max. Earth dist.	-1543 Oct 31 j 15:25	25° ♄ 09'26	1.44877 AU
max. Earth dist.	-1544 Nov 17 j 22:14	11° ♄ 00'25	1.44164 AU				

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1543 Nov 01 j 15:49	26° Ω 45'33	-0°46'23	desc. node	-1542 Oct 12 j 04:33	5° Ω 56'50	
minimum elong	-1543 Nov 01 j 09:57	26° Ω 22'29	0°45'39	max. Earth dist.	-1542 Oct 14 j 10:03	9° Ω 28'06	1.44852 AU
	-1543 Nov 03 j 17:07	0° \mathbb{M}			-1542 Oct 27 j 12:41	0° \mathbb{M}	
evening rise	-1543 Nov 17 j 03:33	21° \mathbb{M} 27'27		evening rise	-1542 Oct 28 j 05:18	1° \mathbb{M} 04'47	
	-1543 Nov 22 j 10:12	0° \mathbb{A}		greatest brilliancy	-1542 Nov 08 j 19:25	19° \mathbb{M} 02'36	-0.7m
evening max el	-1543 Dec 08 j 00:24	22° \mathbb{A} 38'43	18°46'12		-1542 Nov 16 j 07:55	0° \mathbb{A}	
asc. node	-1543 Dec 11 j 13:09	25° \mathbb{A} 30'28		evening max el	-1542 Nov 21 j 08:25	6° \mathbb{A} 05'36	19°31'15
retrograde	-1543 Dec 14 j 18:12	26° \mathbb{A} 26'20		asc. node	-1542 Nov 28 j 10:11	10° \mathbb{A} 18'03	
evening set	-1543 Dec 17 j 21:21	25° \mathbb{A} 30'28		retrograde	-1542 Nov 28 j 14:47	10° \mathbb{A} 18'15	
inferior conj	-1543 Dec 23 j 16:08	19° \mathbb{A} 48'59	3°22'18	evening set	-1542 Dec 02 j 00:55	9° \mathbb{A} 09'43	
minimum elong	-1543 Dec 23 j 13:22	19° \mathbb{A} 57'23	3°21'43	inferior conj	-1542 Dec 07 j 14:28	3° \mathbb{A} 13'36	2°47'35
min. Earth dist.	-1543 Dec 25 j 10:07	17° \mathbb{A} 41'19	0.65122 AU	minimum elong	-1542 Dec 07 j 11:33	3° \mathbb{A} 23'05	2°46'43
morning rise	-1543 Dec 29 j 05:03	13° \mathbb{A} 41'27		min. Earth dist.	-1542 Dec 08 j 18:27	1° \mathbb{A} 42'39	0.66256 AU
direct	-1542 Jan 04 j 21:36	10° \mathbb{A} 49'44			-1542 Dec 10 j 03:09	30° \mathbb{R} \mathbb{M}	
morning max el	-1542 Jan 18 j 01:50	18° \mathbb{A} 29'17	26°57'54	morning rise	-1542 Dec 12 j 21:58	27° \mathbb{M} 01'42	
desc. node	-1542 Jan 21 j 06:44	21° \mathbb{A} 54'06		direct	-1542 Dec 19 j 02:16	24° \mathbb{M} 18'12	
	-1542 Jan 27 j 20:21	0° \mathbb{Z}			-1542 Dec 29 j 18:55	0° \mathbb{A}	
	-1542 Feb 16 j 03:58	0° \approx		morning max el	-1542 Dec 31 j 11:16	1° \mathbb{A} 37'22	25°52'49
morning set	-1542 Feb 22 j 19:17	12° \approx 15'07		desc. node	-1541 Jan 08 j 03:46	10° \mathbb{A} 26'40	
max. Earth dist.	-1542 Feb 27 j 07:17	21° \approx 07'59	1.34277 AU		-1541 Jan 21 j 22:20	0° \mathbb{Z}	
				morning set	-1541 Feb 05 j 17:17	25° \mathbb{Z} 04'16	
superior conj	-1542 Mar 03 j 03:43	29° \approx 03'26	-1°02'40		-1541 Feb 08 j 08:35	0° \approx	
minimum elong	-1542 Mar 03 j 06:32	29° \approx 18'13	1°02'11	max. Earth dist.	-1541 Feb 09 j 14:41	2° \approx 23'40	1.35762 AU
	-1542 Mar 03 j 14:32	0° \mathbb{H}					
asc. node	-1542 Mar 09 j 12:31	12° \mathbb{H} 28'05		superior conj	-1541 Feb 14 j 22:51	12° \approx 55'29	-1°26'03
evening rise	-1542 Mar 10 j 14:16	14° \mathbb{H} 42'37		minimum elong	-1541 Feb 15 j 02:22	13° \approx 13'13	1°25'35
	-1542 Mar 18 j 10:01	0° \mathbb{Y}		evening rise	-1541 Feb 22 j 20:46	29° \approx 07'55	
evening max el	-1542 Mar 30 j 16:12	17° \mathbb{Y} 01'56	21°29'44		-1541 Feb 23 j 06:59	0° \mathbb{H}	
retrograde	-1542 Apr 11 j 19:11	22° \mathbb{Y} 54'43		asc. node	-1541 Feb 24 j 09:33	2° \mathbb{H} 14'19	
evening set	-1542 Apr 14 j 06:20	22° \mathbb{Y} 40'54		evening max el	-1541 Mar 12 j 23:08	28° \mathbb{H} 21'48	20°11'20
desc. node	-1542 Apr 19 j 05:54	20° \mathbb{Y} 59'28			-1541 Mar 14 j 20:09	0° \mathbb{Y}	
inferior conj	-1542 Apr 23 j 15:19	18° \mathbb{Y} 39'38	-1°14'13	retrograde	-1541 Mar 23 j 10:07	3° \mathbb{Y} 21'40	
minimum elong	-1542 Apr 23 j 11:51	18° \mathbb{Y} 44'30	1°13'00	evening set	-1541 Mar 25 j 14:16	3° \mathbb{Y} 09'39	
min. Earth dist.	-1542 Apr 23 j 18:16	18° \mathbb{Y} 35'30	0.55057 AU		-1541 Apr 02 j 03:07	30° \mathbb{R} \mathbb{H}	
morning rise	-1542 May 02 j 17:56	14° \mathbb{Y} 39'15		inferior conj	-1541 Apr 03 j 12:28	29° \mathbb{H} 10'42	0°43'45
direct	-1542 May 05 j 17:49	14° \mathbb{Y} 19'39		minimum elong	-1541 Apr 03 j 14:24	29° \mathbb{H} 07'49	0°43'06
morning max el	-1542 May 18 j 05:27	20° \mathbb{Y} 14'56	22°02'59	min. Earth dist.	-1541 Apr 05 j 08:25	28° \mathbb{H} 05'11	0.55446 AU
	-1542 May 26 j 07:35	0° \mathbb{B}		desc. node	-1541 Apr 06 j 02:55	27° \mathbb{H} 38'15	
asc. node	-1542 Jun 05 j 11:50	17° \mathbb{B} 50'48		morning rise	-1541 Apr 12 j 12:40	24° \mathbb{H} 46'29	
morning set	-1542 Jun 08 j 10:11	23° \mathbb{B} 49'42		direct	-1541 Apr 16 j 07:30	24° \mathbb{H} 15'07	
	-1542 Jun 11 j 08:41	0° \mathbb{I}			-1541 Apr 28 j 21:28	0° \mathbb{Y}	
				morning max el	-1541 Apr 29 j 23:29	0° \mathbb{Y} 59'27	23°42'08
superior conj	-1542 Jun 15 j 16:49	9° \mathbb{I} 10'37	1°29'21		-1541 May 19 j 14:01	0° \mathbb{B}	
minimum elong	-1542 Jun 15 j 14:20	8° \mathbb{I} 57'35	1°29'05	asc. node	-1541 May 23 j 08:53	7° \mathbb{B} 40'24	
max. Earth dist.	-1542 Jun 19 j 01:17	16° \mathbb{I} 07'58	1.34611 AU	morning set	-1541 May 23 j 21:49	8° \mathbb{B} 48'00	
evening rise	-1542 Jun 23 j 17:50	25° \mathbb{I} 28'42					
	-1542 Jun 26 j 02:44	0° \mathbb{E}		superior conj	-1541 May 30 j 23:40	23° \mathbb{B} 58'14	1°12'28
	-1542 Jul 14 j 07:06	0° \mathbb{O}		minimum elong	-1541 May 30 j 21:09	23° \mathbb{B} 44'43	1°12'05
desc. node	-1542 Jul 16 j 05:12	2° \mathbb{O} 41'31		max. Earth dist.	-1541 Jun 02 j 02:20	28° \mathbb{B} 28'57	1.33527 AU
evening max el	-1542 Jul 28 j 16:49	17° \mathbb{O} 31'33	27°01'01		-1541 Jun 02 j 19:33	0° \mathbb{I}	
retrograde	-1542 Aug 10 j 21:59	24° \mathbb{O} 50'47		evening rise	-1541 Jun 07 j 11:31	9° \mathbb{I} 36'46	
evening set	-1542 Aug 17 j 19:01	22° \mathbb{O} 03'46			-1541 Jun 18 j 11:55	0° \mathbb{E}	
min. Earth dist.	-1542 Aug 21 j 15:45	18° \mathbb{O} 13'30	0.65316 AU	desc. node	-1541 Jul 03 j 02:13	21° \mathbb{E} 41'15	
inferior conj	-1542 Aug 23 j 14:45	15° \mathbb{O} 58'34	-2°47'24		-1541 Jul 10 j 10:02	0° \mathbb{O}	
minimum elong	-1542 Aug 23 j 18:39	15° \mathbb{O} 47'22	2°46'05	evening max el	-1541 Jul 11 j 03:37	0° \mathbb{O} 42'46	27°24'14
morning rise	-1542 Aug 29 j 18:49	10° \mathbb{O} 21'28		retrograde	-1541 Jul 24 j 18:26	8° \mathbb{O} 04'27	
asc. node	-1542 Sep 01 j 11:00	9° \mathbb{O} 38'07		evening set	-1541 Jul 31 j 22:20	5° \mathbb{O} 22'23	
direct	-1542 Sep 01 j 14:38	9° \mathbb{O} 37'59		min. Earth dist.	-1541 Aug 04 j 13:34	2° \mathbb{O} 06'29	0.63864 AU
morning max el	-1542 Sep 08 j 04:09	13° \mathbb{O} 12'12	18°17'01		-1541 Aug 06 j 14:13	30° \mathbb{R} \mathbb{E}	
	-1542 Sep 20 j 00:56	0° \mathbb{P}		inferior conj	-1541 Aug 07 j 02:03	29° \mathbb{E} 28'57	-3°34'29
morning set	-1542 Sep 27 j 00:49	11° \mathbb{P} 28'46		minimum elong	-1541 Aug 07 j 06:27	29° \mathbb{E} 17'30	3°33'20
	-1542 Oct 08 j 10:47	0° \mathbb{U}		morning rise	-1541 Aug 13 j 15:28	24° \mathbb{E} 08'28	
				direct	-1541 Aug 16 j 06:30	23° \mathbb{E} 34'07	
superior conj	-1542 Oct 11 j 17:06	5° \mathbb{U} 11'27	0°03'07	asc. node	-1541 Aug 19 j 08:05	24° \mathbb{E} 21'18	
minimum elong	-1542 Oct 11 j 17:30	5° \mathbb{U} 13'01	0°03'04	morning max el	-1541 Aug 22 j 19:27	27° \mathbb{E} 00'12	17°57'23
behind sun begin	-1542 Oct 11 j 06:34	4° \mathbb{U} 29'43			-1541 Aug 25 j 10:23	0° \mathbb{O}	
behind sun end	-1542 Oct 12 j 04:25	5° \mathbb{U} 56'16		morning set	-1541 Sep 08 j 20:28	23° \mathbb{O} 12'09	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1541 Sep 12 j 19:30	0° \mathbb{M}		minimum elong	-1540 Sep 01 j 14:42	25° \mathcal{Q} 33'12	1°20'31
					-1540 Sep 04 j 05:25	0° \mathbb{M}	
superior conj	-1541 Sep 21 j 11:46	14° \mathbb{M} 31'04	0°48'12	max. Earth dist.	-1540 Sep 08 j 15:36	7° \mathbb{M} 21'13	1.42769 AU
minimum elong	-1541 Sep 21 j 16:33	14° \mathbb{M} 50'39	0°47'35	desc. node	-1540 Sep 14 j 22:37	17° \mathbb{M} 27'44	
max. Earth dist.	-1541 Sep 27 j 02:46	23° \mathbb{M} 36'45	1.44115 AU	evening rise	-1540 Sep 15 j 21:42	18° \mathbb{M} 58'30	
desc. node	-1541 Sep 29 j 01:35	26° \mathbb{M} 42'57			-1540 Sep 23 j 01:32	0° \mathcal{Q}	
	-1541 Oct 01 j 03:31	0° \mathcal{Q}			-1540 Oct 14 j 14:29	0° \mathbb{M}	
evening rise	-1541 Oct 07 j 13:44	10° \mathcal{Q} 00'14		evening max el	-1540 Oct 17 j 08:25	3° \mathbb{M} 00'27	21°42'40
	-1541 Oct 20 j 18:39	0° \mathbb{M}		retrograde	-1540 Oct 26 j 08:50	8° \mathbb{M} 21'56	
evening max el	-1541 Nov 04 j 11:20	19° \mathbb{M} 32'48	20°31'08	evening set	-1540 Oct 30 j 15:22	6° \mathbb{M} 41'27	
retrograde	-1541 Nov 12 j 12:18	24° \mathbb{M} 17'31		asc. node	-1540 Nov 01 j 04:19	5° \mathbb{M} 15'42	
asc. node	-1541 Nov 15 j 07:15	23° \mathbb{M} 32'52		inferior conj	-1540 Nov 04 j 23:44	0° \mathbb{M} 26'06	1°17'06
evening set	-1541 Nov 16 j 07:32	22° \mathbb{M} 54'07		minimum elong	-1540 Nov 04 j 22:02	0° \mathbb{M} 31'57	1°16'23
inferior conj	-1541 Nov 21 j 17:43	16° \mathbb{M} 46'42	2°05'08	min. Earth dist.	-1540 Nov 05 j 04:10	0° \mathbb{M} 10'48	0.67459 AU
minimum elong	-1541 Nov 21 j 15:12	16° \mathbb{M} 55'13	2°04'13		-1540 Nov 05 j 07:18	30° \mathbb{R} \mathcal{Q}	
min. Earth dist.	-1541 Nov 22 j 09:17	15° \mathbb{M} 53'55	0.67026 AU	morning rise	-1540 Nov 10 j 04:33	24° \mathcal{Q} 12'28	
morning rise	-1541 Nov 26 j 22:39	10° \mathbb{M} 32'43		direct	-1540 Nov 15 j 03:00	22° \mathcal{Q} 07'07	
direct	-1541 Dec 02 j 12:19	8° \mathbb{M} 06'01		morning max el	-1540 Nov 25 j 05:10	28° \mathcal{Q} 07'28	23°04'19
morning max el	-1541 Dec 13 j 19:42	14° \mathbb{M} 50'40	24°31'36		-1540 Nov 26 j 23:49	0° \mathbb{M}	
desc. node	-1541 Dec 26 j 00:50	29° \mathbb{M} 42'35		desc. node	-1540 Dec 11 j 21:54	19° \mathbb{M} 29'31	
	-1541 Dec 26 j 05:55	0° \mathcal{X}			-1540 Dec 18 j 23:31	0° \mathcal{X}	
	-1540 Jan 14 j 20:00	0° \mathcal{Z}		morning set	-1540 Dec 29 j 19:23	17° \mathcal{X} 15'42	
morning set	-1540 Jan 18 j 19:24	6° \mathcal{Z} 49'48		max. Earth dist.	-1539 Jan 03 j 07:33	24° \mathcal{X} 53'50	1.39740 AU
max. Earth dist.	-1540 Jan 22 j 12:14	13° \mathcal{Z} 26'05	1.37643 AU		-1539 Jan 06 j 05:39	0° \mathcal{Z}	
superior conj	-1540 Jan 29 j 07:12	26° \mathcal{Z} 10'44	-1°45'11	superior conj	-1539 Jan 11 j 00:29	8° \mathcal{Z} 38'05	-1°57'11
minimum elong	-1540 Jan 29 j 10:33	26° \mathcal{Z} 26'56	1°44'55	minimum elong	-1539 Jan 11 j 02:15	8° \mathcal{Z} 46'09	1°57'08
	-1540 Jan 31 j 06:17	0° \mathcal{A}		evening rise	-1539 Jan 20 j 13:25	26° \mathcal{Z} 40'21	
evening rise	-1540 Feb 06 j 21:24	13° \mathcal{A} 09'23			-1539 Jan 22 j 07:14	0° \mathcal{A}	
asc. node	-1540 Feb 11 j 06:34	21° \mathcal{A} 41'33		asc. node	-1539 Jan 28 j 03:37	10° \mathcal{A} 43'24	
	-1540 Feb 15 j 22:25	0° \mathcal{H}		evening max el	-1539 Feb 05 j 19:54	22° \mathcal{A} 49'35	18°30'50
evening max el	-1540 Feb 23 j 17:02	10° \mathcal{H} 19'13	19°11'09	retrograde	-1539 Feb 13 j 10:05	26° \mathcal{A} 32'33	
retrograde	-1540 Mar 03 j 12:46	14° \mathcal{H} 32'50		evening set	-1539 Feb 15 j 21:25	26° \mathcal{A} 10'13	
evening set	-1540 Mar 05 j 19:29	14° \mathcal{H} 17'09		inferior conj	-1539 Feb 23 j 07:51	21° \mathcal{A} 39'39	3°23'17
inferior conj	-1540 Mar 13 j 23:55	10° \mathcal{H} 06'16	2°21'18	minimum elong	-1539 Feb 23 j 11:31	21° \mathcal{A} 32'23	3°22'37
minimum elong	-1540 Mar 14 j 04:30	9° \mathcal{H} 58'28	2°20'02	min. Earth dist.	-1539 Feb 26 j 17:50	18° \mathcal{A} 58'26	0.58532 AU
min. Earth dist.	-1540 Mar 16 j 23:48	8° \mathcal{H} 04'53	0.56698 AU	morning rise	-1539 Mar 02 j 23:08	16° \mathcal{A} 15'54	
morning rise	-1540 Mar 22 j 10:37	5° \mathcal{H} 10'16		direct	-1539 Mar 09 j 00:09	14° \mathcal{A} 42'35	
desc. node	-1540 Mar 22 j 23:57	4° \mathcal{H} 58'22		desc. node	-1539 Mar 09 j 21:01	14° \mathcal{A} 44'30	
direct	-1540 Mar 27 j 09:14	4° \mathcal{H} 13'22		morning max el	-1539 Mar 23 j 07:34	22° \mathcal{A} 18'12	26°40'11
morning max el	-1540 Apr 10 j 14:13	11° \mathcal{H} 31'08	25°19'37		-1539 Mar 30 j 02:48	0° \mathcal{H}	
	-1540 Apr 24 j 18:04	0° \mathcal{Y}			-1539 Apr 17 j 13:20	0° \mathcal{Y}	
morning set	-1540 May 07 j 09:51	23° \mathcal{Y} 48'08		morning set	-1539 Apr 21 j 20:34	8° \mathcal{Y} 43'40	
asc. node	-1540 May 09 j 05:58	27° \mathcal{Y} 42'30		asc. node	-1539 Apr 26 j 02:59	17° \mathcal{Y} 51'45	
	-1540 May 10 j 07:30	0° \mathcal{B}					
superior conj	-1540 May 14 j 09:53	8° \mathcal{B} 55'42	0°52'01	superior conj	-1539 Apr 28 j 21:32	23° \mathcal{Y} 55'52	0°28'54
minimum elong	-1540 May 14 j 07:49	8° \mathcal{B} 44'27	0°51'39	minimum elong	-1539 Apr 28 j 20:17	23° \mathcal{Y} 49'01	0°28'40
max. Earth dist.	-1540 May 15 j 10:55	11° \mathcal{B} 12'00	1.32818 AU	max. Earth dist.	-1539 Apr 28 j 23:33	24° \mathcal{Y} 06'54	1.32472 AU
evening rise	-1540 May 21 j 13:25	24° \mathcal{B} 09'55		evening rise	-1539 May 01 j 16:06	0° \mathcal{B}	
	-1540 May 24 j 10:54	0° \mathbb{I}			-1539 May 05 j 20:45	8° \mathcal{B} 58'07	
	-1540 Jun 11 j 04:57	0° \mathcal{E}		evening max el	-1539 May 16 j 20:28	0° \mathbb{I}	
desc. node	-1540 Jun 18 j 23:13	9° \mathcal{E} 47'07		desc. node	-1539 Jun 04 j 14:05	25° \mathbb{I} 26'15	26°35'50
evening max el	-1540 Jun 22 j 11:37	13° \mathcal{E} 25'09	27°16'35		-1539 Jun 05 j 20:16	26° \mathbb{I} 35'44	
retrograde	-1540 Jul 06 j 08:26	20° \mathcal{E} 44'44		retrograde	-1539 Jun 10 j 07:44	0° \mathcal{E}	
evening set	-1540 Jul 13 j 11:13	18° \mathcal{E} 21'24		evening set	-1539 Jun 18 j 14:24	2° \mathcal{E} 42'26	
min. Earth dist.	-1540 Jul 17 j 01:27	15° \mathcal{E} 31'11	0.62077 AU		-1539 Jun 25 j 05:06	0° \mathcal{E} 50'50	
inferior conj	-1540 Jul 20 j 02:13	12° \mathcal{E} 42'49	-4°12'04	min. Earth dist.	-1539 Jun 26 j 14:59	30° \mathbb{R} \mathbb{I}	
minimum elong	-1540 Jul 20 j 05:58	12° \mathcal{E} 34'05	4°11'26	inferior conj	-1539 Jun 29 j 03:24	28° \mathbb{I} 11'52	0.60066 AU
morning rise	-1540 Jul 27 j 02:05	7° \mathcal{E} 41'51		minimum elong	-1539 Jul 02 j 11:34	25° \mathbb{I} 30'05	-4°33'23
direct	-1540 Jul 29 j 14:41	7° \mathcal{E} 13'56		morning rise	-1539 Jul 02 j 13:00	25° \mathbb{I} 27'11	4°33'18
asc. node	-1540 Aug 05 j 05:11	10° \mathcal{E} 28'08		direct	-1539 Jul 09 j 22:52	20° \mathbb{I} 51'04	
morning max el	-1540 Aug 05 j 10:12	10° \mathcal{E} 40'17	17°56'00	morning max el	-1539 Jul 12 j 11:02	20° \mathbb{I} 27'44	
	-1540 Aug 18 j 05:59	0° \mathcal{Q}		asc. node	-1539 Jul 19 j 21:24	24° \mathbb{I} 03'56	18°13'59
morning set	-1540 Aug 21 j 13:03	5° \mathcal{Q} 56'06			-1539 Jul 23 j 02:16	27° \mathbb{I} 42'17	
					-1539 Jul 24 j 18:09	0° \mathcal{E}	
superior conj	-1540 Sep 01 j 09:42	25° \mathcal{Q} 11'45	1°21'00	morning set	-1539 Aug 04 j 20:53	19° \mathcal{E} 24'37	
					-1539 Aug 10 j 11:58	0° \mathcal{Q}	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1539 Aug 14 j 09:20	7°Ω08'54	1°40'15	superior conj	-1538 Jul 28 j 05:09	20°Ω07'20	1°47'45
minimum elong	-1539 Aug 14 j 12:18	7°Ω22'18	1°40'05	minimum elong	-1538 Jul 28 j 05:47	20°Ω10'19	1°47'46
max. Earth dist.	-1539 Aug 21 j 23:10	20°Ω27'16	1.40983 AU		-1538 Aug 02 j 12:35	0°Ω	
evening rise	-1539 Aug 26 j 22:40	28°Ω44'59		max. Earth dist.	-1538 Aug 04 j 02:12	2°Ω49'18	1.38995 AU
	-1539 Aug 27 j 17:06	0°൬		evening rise	-1538 Aug 08 j 00:39	9°Ω42'42	
desc. node	-1539 Sep 01 j 19:38	8°൬07'14		desc. node	-1538 Aug 19 j 16:39	28°Ω37'26	
	-1539 Sep 16 j 15:48	0°Ω			-1538 Aug 20 j 14:19	0°൬	
evening max el	-1539 Sep 30 j 00:06	16°Ω28'51	23°01'25	evening max el	-1538 Sep 12 j 12:15	29°൬59'42	24°21'26
retrograde	-1539 Oct 10 j 02:51	22°Ω28'32			-1538 Sep 12 j 12:22	0°Ω	
evening set	-1539 Oct 14 j 22:37	20°Ω29'28		retrograde	-1538 Sep 23 j 17:22	6°Ω34'07	
asc. node	-1539 Oct 19 j 01:24	15°Ω49'45		evening set	-1538 Sep 29 j 03:36	4°Ω16'32	
inferior conj	-1539 Oct 20 j 06:40	14°Ω09'39	0°25'12		-1538 Oct 02 j 23:35	30°R൬	
minimum elong	-1539 Oct 20 j 06:05	14°Ω11'42	0°24'56	min. Earth dist.	-1538 Oct 03 j 20:22	28°൬51'04	0.67367 AU
min. Earth dist.	-1539 Oct 20 j 00:39	14°Ω30'22	0.67569 AU	inferior conj	-1538 Oct 04 j 12:47	27°൬55'54	-0°29'02
morning rise	-1539 Oct 25 j 13:27	7°Ω58'53		minimum elong	-1538 Oct 04 j 13:29	27°൬53'32	0°28'43
direct	-1539 Oct 29 j 21:19	6°Ω15'56		asc. node	-1538 Oct 05 j 22:28	26°൬04'21	
morning max el	-1539 Nov 07 j 19:11	11°Ω30'54	21°39'50	morning rise	-1538 Oct 09 j 23:24	21°൬50'34	
	-1539 Nov 22 j 05:19	0°൬		direct	-1538 Oct 13 j 18:18	20°൬28'28	
desc. node	-1539 Nov 28 j 18:58	9°൬38'26		morning max el	-1538 Oct 21 j 16:16	25°൬03'56	20°24'32
morning set	-1539 Dec 09 j 14:21	26°൬18'38			-1538 Oct 25 j 23:17	0°Ω	
	-1539 Dec 11 j 21:43	0°X		desc. node	-1538 Nov 15 j 15:59	0°൬02'44	
max. Earth dist.	-1539 Dec 16 j 08:02	7°X13'57	1.41765 AU		-1538 Nov 15 j 15:17	0°൬	
				morning set	-1538 Nov 18 j 13:14	4°൬29'52	
superior conj	-1539 Dec 23 j 21:20	20°X03'58	-1°58'11	max. Earth dist.	-1538 Nov 28 j 15:51	20°൬26'21	1.43439 AU
minimum elong	-1539 Dec 23 j 19:38	19°X56'33	1°58'11				
	-1539 Dec 29 j 11:39	0°Z		superior conj	-1538 Dec 04 j 16:23	0°X15'43	-1°43'56
evening rise	-1538 Jan 03 j 17:23	9°Z33'08		minimum elong	-1538 Dec 04 j 10:17	29°൬50'29	1°43'31
asc. node	-1538 Jan 15 j 00:40	29°Z11'44			-1538 Dec 04 j 12:35	0°X	
	-1538 Jan 15 j 13:41	0°≈		evening rise	-1538 Dec 17 j 05:08	21°X38'31	
evening max el	-1538 Jan 20 j 04:49	5°≈44'29	18°10'34		-1538 Dec 22 j 00:08	0°Z	
retrograde	-1538 Jan 27 j 01:13	9°≈12'53		asc. node	-1537 Jan 01 j 21:42	16°Z55'33	
evening set	-1538 Jan 29 j 16:32	8°≈42'35		evening max el	-1537 Jan 03 j 16:47	18°Z54'58	18°09'50
inferior conj	-1538 Feb 05 j 11:52	3°≈50'31	3°51'29	retrograde	-1537 Jan 10 j 05:38	22°Z22'16	
minimum elong	-1538 Feb 05 j 13:07	3°≈47'40	3°51'23	evening set	-1537 Jan 13 j 00:49	21°Z43'06	
min. Earth dist.	-1538 Feb 08 j 17:41	0°≈52'45	0.60589 AU	inferior conj	-1537 Jan 19 j 08:24	16°Z30'26	3°53'48
	-1538 Feb 09 j 18:32	30°RZ		minimum elong	-1537 Jan 19 j 07:27	16°Z32'57	3°53'44
morning rise	-1538 Feb 12 j 08:02	28°Z07'09		min. Earth dist.	-1537 Jan 22 j 02:09	13°Z39'19	0.62574 AU
direct	-1538 Feb 19 j 02:19	25°Z56'36		morning rise	-1537 Jan 25 j 13:06	10°Z34'26	
desc. node	-1538 Feb 24 j 18:05	27°Z19'58		direct	-1537 Feb 01 j 13:43	7°Z56'00	
	-1538 Mar 01 j 01:25	0°≈		desc. node	-1537 Feb 11 j 15:08	12°Z17'18	
morning max el	-1538 Mar 05 j 07:07	3°≈41'51	27°30'58	morning max el	-1537 Feb 15 j 12:29	15°Z45'43	27°45'29
	-1538 Mar 24 j 16:13	0°X			-1537 Feb 27 j 05:35	0°≈	
morning set	-1538 Apr 06 j 04:11	23°X28'25			-1537 Mar 17 j 06:15	0°X	
	-1538 Apr 09 j 06:39	0°Y		morning set	-1537 Mar 21 j 06:30	7°X53'50	
max. Earth dist.	-1538 Apr 12 j 12:24	7°Y00'35	1.32477 AU	max. Earth dist.	-1537 Mar 26 j 21:21	19°X37'23	1.32846 AU
superior conj	-1538 Apr 13 j 08:59	8°Y53'05	0°03'58	superior conj	-1537 Mar 28 j 18:30	23°X40'27	-0°22'04
minimum elong	-1538 Apr 13 j 08:48	8°Y52'06	0°03'56	minimum elong	-1537 Mar 28 j 19:31	23°X46'01	0°21'51
behind sun begin	-1538 Apr 13 j 03:54	8°Y25'18		asc. node	-1537 Mar 30 j 21:02	28°X14'33	
behind sun end	-1538 Apr 13 j 13:42	9°Y18'56			-1537 Mar 31 j 16:28	0°Y	
asc. node	-1538 Apr 13 j 00:01	8°Y04'05		evening rise	-1537 Apr 04 j 18:57	8°Y48'35	
evening rise	-1538 Apr 20 j 07:15	23°Y53'38			-1537 Apr 15 j 20:50	0°X	
	-1538 Apr 23 j 06:08	0°X		evening max el	-1537 Apr 29 j 00:52	17°X26'59	23°55'54
	-1538 May 11 j 08:57	0°II		desc. node	-1537 May 10 j 14:16	24°X10'41	
evening max el	-1538 May 17 j 09:42	6°II42'46	25°25'29	retrograde	-1537 May 12 j 19:43	24°X22'01	
desc. node	-1538 May 23 j 17:16	11°II35'56		evening set	-1537 May 16 j 23:43	23°X43'29	
retrograde	-1538 May 31 j 10:49	13°II53'31		min. Earth dist.	-1537 May 23 j 12:02	20°X36'51	0.56327 AU
evening set	-1538 Jun 06 j 00:36	12°II40'38		inferior conj	-1537 May 25 j 21:22	19°X08'49	-3°45'27
min. Earth dist.	-1538 Jun 10 j 21:39	9°II55'17	0.58045 AU	minimum elong	-1537 May 25 j 15:08	19°X18'26	3°44'08
inferior conj	-1538 Jun 14 j 02:34	7°II40'56	-4°28'27	morning rise	-1537 Jun 03 j 09:34	15°X08'49	
minimum elong	-1538 Jun 14 j 00:01	7°II45'27	4°28'13	direct	-1537 Jun 05 j 23:31	14°X51'35	
morning rise	-1538 Jun 22 j 02:09	3°II24'03		morning max el	-1537 Jun 15 j 21:39	19°X27'06	19°51'24
direct	-1538 Jun 24 j 14:58	3°II04'15			-1537 Jun 24 j 03:07	0°II	
morning max el	-1538 Jul 03 j 02:07	7°II02'42	18°52'18	asc. node	-1537 Jun 26 j 20:21	4°II36'23	
asc. node	-1538 Jul 09 j 23:19	15°II49'11		morning set	-1537 Jul 03 j 18:03	17°II52'15	
	-1538 Jul 17 j 21:18	0°Ω			-1537 Jul 09 j 17:31	0°Ω	
morning set	-1538 Jul 19 j 15:39	3°Ω26'14					

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1537 Jul 11 j 15:40	3° \mathfrak{D} 51'11	1°45'58	superior conj	-1536 Jun 24 j 12:31	18° \mathfrak{H} 07'26	1°37'02
minimum elong	-1537 Jul 11 j 14:30	3° \mathfrak{D} 45'26	1°45'56	minimum elong	-1536 Jun 24 j 10:19	17° \mathfrak{H} 56'04	1°36'52
max. Earth dist.	-1537 Jul 17 j 05:34	14° \mathfrak{D} 41'05	1.37068 AU	max. Earth dist.	-1536 Jun 28 j 15:40	26° \mathfrak{H} 30'45	1.35408 AU
evening rise	-1537 Jul 21 j 02:37	21° \mathfrak{D} 50'44			-1536 Jun 30 j 10:07	0° \mathfrak{D}	
	-1537 Jul 25 j 17:56	0° \mathfrak{Q}		evening rise	-1536 Jul 02 j 23:48	4° \mathfrak{D} 56'25	
desc. node	-1537 Aug 06 j 13:39	18° \mathfrak{Q} 53'12			-1536 Jul 17 j 13:10	0° \mathfrak{Q}	
	-1537 Aug 14 j 10:35	0° \mathfrak{P}		desc. node	-1536 Jul 23 j 10:38	8° \mathfrak{Q} 47'23	
evening max el	-1537 Aug 25 j 23:19	13° \mathfrak{P} 33'59	25°35'35	evening max el	-1536 Aug 07 j 10:55	27° \mathfrak{Q} 07'33	26°35'50
retrograde	-1537 Sep 07 j 03:35	20° \mathfrak{P} 34'20			-1536 Aug 10 j 16:25	0° \mathfrak{P}	
evening set	-1537 Sep 13 j 04:30	18° \mathfrak{P} 00'44		retrograde	-1536 Aug 20 j 08:44	4° \mathfrak{P} 22'24	
min. Earth dist.	-1537 Sep 17 j 12:59	13° \mathfrak{P} 11'07	0.66842 AU	evening set	-1536 Aug 26 j 23:11	1° \mathfrak{P} 38'12	
inferior conj	-1537 Sep 18 j 16:22	11° \mathfrak{P} 43'06	-1°23'56		-1536 Aug 28 j 17:04	30° \mathfrak{R} \mathfrak{Q}	
minimum elong	-1537 Sep 18 j 18:25	11° \mathfrak{P} 36'29	1°23'05	min. Earth dist.	-1536 Aug 31 j 00:03	27° \mathfrak{Q} 26'05	0.65976 AU
asc. node	-1537 Sep 22 j 19:31	6° \mathfrak{P} 58'11		inferior conj	-1536 Sep 01 j 15:27	25° \mathfrak{Q} 27'26	-2°17'47
morning rise	-1537 Sep 24 j 08:31	5° \mathfrak{P} 46'05		minimum elong	-1536 Sep 01 j 18:46	25° \mathfrak{Q} 17'26	2°16'33
direct	-1537 Sep 27 j 16:34	4° \mathfrak{P} 41'44		morning rise	-1536 Sep 07 j 14:44	19° \mathfrak{Q} 41'53	
morning max el	-1537 Oct 04 j 20:46	8° \mathfrak{P} 46'30	19°22'34	asc. node	-1536 Sep 08 j 16:34	19° \mathfrak{Q} 12'15	
	-1537 Oct 20 j 06:12	0° \mathfrak{L}		direct	-1536 Sep 10 j 14:20	18° \mathfrak{Q} 51'42	
morning set	-1537 Oct 28 j 15:01	12° \mathfrak{L} 57'56		morning max el	-1536 Sep 17 j 07:17	22° \mathfrak{Q} 34'38	18°36'06
desc. node	-1537 Nov 02 j 13:01	20° \mathfrak{L} 38'09			-1536 Sep 23 j 05:16	0° \mathfrak{P}	
	-1537 Nov 08 j 12:24	0° \mathfrak{M}		morning set	-1536 Oct 07 j 15:51	22° \mathfrak{P} 37'14	
max. Earth dist.	-1537 Nov 11 j 05:54	4° \mathfrak{M} 18'17	1.44548 AU		-1536 Oct 12 j 06:31	0° \mathfrak{L}	
				desc. node	-1536 Oct 19 j 10:03	11° \mathfrak{L} 20'14	
superior conj	-1537 Nov 14 j 09:01	9° \mathfrak{M} 16'17	-1°11'52	superior conj	-1536 Oct 23 j 09:43	17° \mathfrak{L} 37'12	-0°25'38
minimum elong	-1537 Nov 14 j 01:18	8° \mathfrak{M} 45'37	1°11'01	minimum elong	-1536 Oct 23 j 06:20	17° \mathfrak{L} 23'52	0°25'12
	-1537 Nov 27 j 03:30	0° \mathfrak{J}		max. Earth dist.	-1536 Oct 23 j 23:45	18° \mathfrak{L} 32'25	1.44959 AU
evening rise	-1537 Nov 28 j 20:17	2° \mathfrak{J} 49'02			-1536 Oct 31 j 06:32	0° \mathfrak{M}	
	-1537 Dec 16 j 05:01	0° \mathfrak{Z}		evening rise	-1536 Nov 08 j 11:27	12° \mathfrak{M} 58'56	
evening max el	-1537 Dec 18 j 05:09	2° \mathfrak{Z} 15'35	18°27'50	greatest brilliancy	-1536 Nov 16 j 22:23	26° \mathfrak{M} 24'22	-0.8m
asc. node	-1537 Dec 19 j 18:44	3° \mathfrak{Z} 42'33			-1536 Nov 19 j 05:28	0° \mathfrak{J}	
retrograde	-1537 Dec 24 j 19:01	5° \mathfrak{Z} 52'52		evening max el	-1536 Nov 30 j 15:27	15° \mathfrak{J} 41'17	19°03'28
evening set	-1537 Dec 27 j 18:50	5° \mathfrak{Z} 03'38		asc. node	-1536 Dec 05 j 15:46	19° \mathfrak{J} 17'53	
	-1536 Jan 02 j 07:59	30° \mathfrak{R} \mathfrak{J}		retrograde	-1536 Dec 07 j 13:43	19° \mathfrak{J} 38'14	
inferior conj	-1536 Jan 02 j 17:36	29° \mathfrak{J} 32'12	3°37'43	evening set	-1536 Dec 10 j 19:38	18° \mathfrak{J} 37'13	
minimum elong	-1536 Jan 02 j 15:15	29° \mathfrak{J} 39'01	3°37'20	inferior conj	-1536 Dec 16 j 11:59	12° \mathfrak{J} 49'24	3°08'40
min. Earth dist.	-1536 Jan 04 j 20:23	27° \mathfrak{J} 05'20	0.64297 AU	minimum elong	-1536 Dec 16 j 09:04	12° \mathfrak{J} 58'31	3°07'55
morning rise	-1536 Jan 08 j 11:09	23° \mathfrak{J} 28'05		min. Earth dist.	-1536 Dec 17 j 23:54	10° \mathfrak{J} 56'49	0.65658 AU
direct	-1536 Jan 15 j 08:48	20° \mathfrak{J} 36'37		morning rise	-1536 Dec 21 j 22:13	6° \mathfrak{J} 39'56	
morning max el	-1536 Jan 28 j 21:14	28° \mathfrak{J} 23'05	27°24'10	direct	-1536 Dec 28 j 10:10	3° \mathfrak{J} 50'08	
desc. node	-1536 Jan 29 j 12:12	29° \mathfrak{J} 00'53		morning max el	-1535 Jan 10 j 06:44	11° \mathfrak{J} 22'19	26°32'43
	-1536 Jan 30 j 10:52	0° \mathfrak{Z}		desc. node	-1535 Jan 15 j 09:16	17° \mathfrak{J} 00'09	
	-1536 Feb 20 j 23:57	0° \mathfrak{A}			-1535 Jan 25 j 04:36	0° \mathfrak{Z}	
morning set	-1536 Mar 04 j 00:50	21° \mathfrak{A} 50'52			-1535 Feb 12 j 13:12	0° \mathfrak{A}	
	-1536 Mar 08 j 02:07	0° \mathfrak{H}		morning set	-1535 Feb 15 j 07:33	5° \mathfrak{A} 08'29	
max. Earth dist.	-1536 Mar 08 j 22:21	1° \mathfrak{H} 44'22	1.33624 AU	max. Earth dist.	-1535 Feb 19 j 12:26	13° \mathfrak{A} 16'44	1.34852 AU
superior conj	-1536 Mar 12 j 00:14	8° \mathfrak{H} 11'57	-0°48'08	superior conj	-1535 Feb 24 j 00:03	22° \mathfrak{A} 20'52	-1°12'58
minimum elong	-1536 Mar 12 j 02:28	8° \mathfrak{H} 23'45	0°47'42	minimum elong	-1535 Feb 24 j 03:14	22° \mathfrak{A} 37'19	1°12'28
asc. node	-1536 Mar 16 j 18:04	18° \mathfrak{H} 19'07			-1535 Feb 27 j 16:22	0° \mathfrak{H}	
evening rise	-1536 Mar 19 j 06:06	23° \mathfrak{H} 36'48		evening rise	-1535 Mar 03 j 14:52	8° \mathfrak{H} 12'26	
	-1536 Mar 22 j 08:39	0° \mathfrak{Y}		asc. node	-1535 Mar 03 j 15:06	8° \mathfrak{H} 13'36	
evening max el	-1536 Apr 09 j 17:50	28° \mathfrak{Y} 06'03	22°21'17		-1535 Mar 15 j 10:48	0° \mathfrak{Y}	
	-1536 Apr 11 j 21:14	0° \mathfrak{B}		evening max el	-1535 Mar 22 j 18:46	9° \mathfrak{Y} 06'43	20°54'27
retrograde	-1536 Apr 22 j 15:59	4° \mathfrak{B} 26'04		retrograde	-1535 Apr 03 j 05:05	14° \mathfrak{Y} 36'28	
evening set	-1536 Apr 25 j 13:50	4° \mathfrak{B} 07'26		evening set	-1535 Apr 05 j 11:44	14° \mathfrak{Y} 24'14	
desc. node	-1536 Apr 26 j 11:18	3° \mathfrak{B} 54'34		desc. node	-1535 Apr 13 j 08:21	11° \mathfrak{Y} 13'22	
min. Earth dist.	-1536 May 04 j 01:30	0° \mathfrak{B} 27'59	0.55267 AU	inferior conj	-1535 Apr 14 j 17:34	10° \mathfrak{Y} 26'28	-0°23'33
inferior conj	-1536 May 04 j 22:59	29° \mathfrak{Y} 57'33	-2°19'05	minimum elong	-1535 Apr 14 j 16:28	10° \mathfrak{Y} 28'03	0°23'08
minimum elong	-1536 May 04 j 17:03	0° \mathfrak{B} 05'58	2°17'13	min. Earth dist.	-1535 Apr 15 j 15:01	9° \mathfrak{Y} 55'58	0.55105 AU
	-1536 May 04 j 21:15	30° \mathfrak{R} \mathfrak{Y}		morning rise	-1535 Apr 23 j 20:36	6° \mathfrak{Y} 17'57	
morning rise	-1536 May 13 j 21:57	26° \mathfrak{Y} 01'59		direct	-1535 Apr 27 j 03:26	5° \mathfrak{Y} 54'34	
direct	-1536 May 16 j 16:06	25° \mathfrak{Y} 44'40		morning max el	-1535 May 10 j 04:31	12° \mathfrak{Y} 12'01	22°44'26
	-1536 May 26 j 22:25	0° \mathfrak{B}			-1535 May 23 j 10:23	0° \mathfrak{B}	
morning max el	-1536 May 28 j 06:15	1° \mathfrak{B} 09'54	21°10'11	asc. node	-1535 May 30 j 14:26	13° \mathfrak{B} 34'20	
asc. node	-1536 Jun 12 j 17:23	23° \mathfrak{B} 54'02		morning set	-1535 Jun 01 j 12:18	17° \mathfrak{B} 31'06	
	-1536 Jun 15 j 19:09	0° \mathfrak{H}			-1535 Jun 07 j 09:14	0° \mathfrak{H}	
morning set	-1536 Jun 17 j 01:35	2° \mathfrak{H} 35'46					

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1535 Jun 08 j 16:31	2°II46'33	1°22'41	superior conj	-1534 May 24 j 01:03	17°839'09	1°04'10
minimum elong	-1535 Jun 08 j 13:57	2°II32'56	1°22'22	minimum elong	-1534 May 23 j 22:41	17°826'17	1°03'47
max. Earth dist.	-1535 Jun 11 j 11:45	8°II40'15	1.34107 AU	max. Earth dist.	-1534 May 25 j 16:36	21°812'28	1.33181 AU
evening rise	-1535 Jun 16 j 11:17	18°II46'05			-1534 May 29 j 20:32	0°II	
	-1535 Jun 22 j 09:59	0°☾		evening rise	-1534 May 31 j 08:51	3°II05'59	
desc. node	-1535 Jul 10 j 07:39	28°☾10'57			-1534 Jun 15 j 05:09	0°☾	
	-1535 Jul 11 j 16:49	0°♊		desc. node	-1534 Jun 27 j 04:40	16°☾50'09	
evening max el	-1535 Jul 20 j 22:42	10°♊31'31	27°14'23	evening max el	-1534 Jul 03 j 08:36	23°☾31'59	27°24'53
retrograde	-1535 Aug 03 j 08:19	17°♊51'34			-1534 Jul 12 j 16:17	0°♊	
evening set	-1535 Aug 10 j 09:02	15°♊05'26		retrograde	-1534 Jul 17 j 01:54	0°♊52'32	
min. Earth dist.	-1535 Aug 14 j 03:15	11°♊30'16	0.64750 AU		-1534 Jul 21 j 06:27	30°♊	
inferior conj	-1535 Aug 16 j 07:52	9°♊05'01	-3°08'12	evening set	-1534 Jul 24 j 06:43	28°☾16'32	
minimum elong	-1535 Aug 16 j 12:04	8°♊53'24	3°06'55	min. Earth dist.	-1534 Jul 27 j 20:45	25°☾13'15	0.63150 AU
morning rise	-1535 Aug 22 j 15:44	3°♊34'21		inferior conj	-1534 Jul 30 j 14:50	22°☾29'24	-3°51'54
direct	-1535 Aug 25 j 09:19	2°♊54'58		minimum elong	-1534 Jul 30 j 19:07	22°☾18'43	3°50'56
asc. node	-1535 Aug 26 j 13:38	3°♊02'21		morning rise	-1534 Aug 06 j 08:35	17°☾17'00	
morning max el	-1535 Aug 31 j 21:36	6°♊24'30	18°06'25	direct	-1534 Aug 08 j 22:25	16°☾45'34	
	-1535 Sep 16 j 16:39	0°♊		asc. node	-1534 Aug 13 j 10:44	18°☾23'06	
morning set	-1535 Sep 18 j 20:55	3°♊39'16		morning max el	-1534 Aug 15 j 13:03	20°☾10'15	17°54'30
					-1534 Aug 22 j 20:39	0°♊	
superior conj	-1535 Oct 02 j 16:11	26°♊19'36	0°23'26	morning set	-1534 Sep 01 j 02:14	15°♊50'47	
minimum elong	-1535 Oct 02 j 18:58	26°♊30'43	0°23'03		-1534 Sep 09 j 05:41	0°♊	
	-1535 Oct 04 j 23:23	0°♊		superior conj	-1534 Sep 12 j 22:09	6°♊13'11	1°03'48
desc. node	-1535 Oct 06 j 07:04	2°♊05'48		minimum elong	-1534 Sep 13 j 03:27	6°♊35'19	1°03'12
max. Earth dist.	-1535 Oct 06 j 18:23	2°♊50'38	1.44632 AU	max. Earth dist.	-1534 Sep 19 j 10:10	16°♊52'52	1.43613 AU
evening rise	-1535 Oct 19 j 04:24	22°♊14'54		desc. node	-1534 Sep 23 j 04:05	22°♊51'51	
	-1535 Oct 24 j 05:01	0°♊			-1534 Sep 27 j 17:20	0°♊	
greatest brilliancy	-1535 Nov 01 j 13:20	12°♊40'52	-0.7m	evening rise	-1534 Sep 28 j 10:19	1°♊05'48	
evening max el	-1535 Nov 13 j 21:32	29°♊08'44	19°55'06		-1534 Oct 17 j 20:46	0°♊	
	-1535 Nov 14 j 18:09	0°♊		evening max el	-1534 Oct 27 j 21:56	12°♊36'06	21°00'19
retrograde	-1535 Nov 21 j 10:55	3°♊33'48		retrograde	-1534 Nov 05 j 08:19	17°♊36'13	
asc. node	-1535 Nov 22 j 12:50	3°♊27'06		evening set	-1534 Nov 09 j 08:10	16°♊05'35	
evening set	-1535 Nov 25 j 00:47	2°♊19'01		asc. node	-1534 Nov 09 j 09:54	16°♊02'14	
	-1535 Nov 27 j 13:28	30°♊		inferior conj	-1534 Nov 14 j 17:22	9°♊54'06	1°45'19
inferior conj	-1535 Nov 30 j 12:41	26°♊17'41	2°30'21	minimum elong	-1534 Nov 14 j 15:09	10°♊01'41	1°44'27
minimum elong	-1535 Nov 30 j 09:53	26°♊26'59	2°29'25	min. Earth dist.	-1534 Nov 15 j 03:58	9°♊17'45	0.67248 AU
min. Earth dist.	-1535 Dec 01 j 11:08	25°♊03'14	0.66633 AU	morning rise	-1534 Nov 19 j 21:59	3°♊40'03	
morning rise	-1535 Dec 05 j 18:48	20°♊04'53		direct	-1534 Nov 25 j 05:02	1°♊22'24	
direct	-1535 Dec 11 j 17:05	17°♊27'55		morning max el	-1534 Dec 06 j 00:21	7°♊48'59	23°54'43
morning max el	-1535 Dec 23 j 15:37	24°♊33'06	25°19'37	desc. node	-1534 Dec 20 j 03:24	25°♊23'33	
	-1535 Dec 28 j 13:58	0°♊			-1534 Dec 23 j 08:46	0°♊	
desc. node	-1534 Jan 02 j 06:20	5°♊52'54		morning set	-1533 Jan 10 j 13:36	28°♊46'15	
	-1534 Jan 18 j 15:27	0°♊			-1533 Jan 11 j 06:46	0°♊	
morning set	-1534 Jan 28 j 21:50	17°♊32'15		max. Earth dist.	-1533 Jan 14 j 11:20	5°♊35'02	1.38523 AU
max. Earth dist.	-1534 Feb 01 j 15:20	24°♊24'10	1.36524 AU				
	-1534 Feb 04 j 13:51	0°♊		superior conj	-1533 Jan 21 j 17:37	18°♊55'09	-1°51'21
superior conj	-1534 Feb 07 j 15:04	5°♊58'33	-1°34'51	minimum elong	-1533 Jan 21 j 20:30	19°♊08'50	1°51'11
minimum elong	-1534 Feb 07 j 18:39	6°♊16'19	1°34'27		-1533 Jan 27 j 11:20	0°♊	
evening rise	-1534 Feb 15 j 19:12	22°♊28'40		evening rise	-1533 Jan 30 j 16:36	6°♊18'46	
asc. node	-1534 Feb 18 j 12:09	27°♊52'38		asc. node	-1533 Feb 05 j 09:13	17°♊10'29	
	-1534 Feb 19 j 14:18	0°♊			-1533 Feb 13 j 13:05	0°♊	
evening max el	-1534 Mar 05 j 06:26	20°♊42'17	19°43'19	evening max el	-1533 Feb 16 j 04:23	2°♊54'28	18°51'29
retrograde	-1534 Mar 14 j 23:45	25°♊21'04		retrograde	-1533 Feb 24 j 10:24	6°♊53'32	
evening set	-1534 Mar 17 j 04:31	25°♊07'52		evening set	-1533 Feb 26 j 18:54	6°♊35'22	
inferior conj	-1534 Mar 25 j 19:29	21°♊04'51	1°29'04	inferior conj	-1533 Mar 06 j 15:25	2°♊16'26	2°52'07
minimum elong	-1534 Mar 25 j 23:02	20°♊59'17	1°27'55	minimum elong	-1533 Mar 06 j 19:56	2°♊08'13	2°51'01
min. Earth dist.	-1534 Mar 28 j 05:13	19°♊34'41	0.55884 AU		-1533 Mar 09 j 18:59	30°♊	
desc. node	-1534 Mar 31 j 05:25	17°♊52'26		min. Earth dist.	-1533 Mar 09 j 21:32	29°♊55'34	0.57423 AU
morning rise	-1534 Apr 03 j 15:09	16°♊27'45		morning rise	-1533 Mar 14 j 18:07	27°♊07'20	
direct	-1534 Apr 07 j 21:14	15°♊47'26		desc. node	-1533 Mar 18 j 02:29	26°♊06'37	
morning max el	-1534 Apr 21 j 20:19	22°♊47'21	24°24'50	direct	-1533 Mar 20 j 04:23	25°♊56'02	
	-1534 Apr 28 j 05:45	0°♊			-1533 Mar 30 j 13:07	0°♊	
	-1534 May 15 j 19:22	0°♊		morning max el	-1533 Apr 03 j 11:47	3°♊23'13	25°56'55
morning set	-1534 May 17 j 00:21	2°♊31'10			-1533 Apr 22 j 13:06	0°♊	
asc. node	-1534 May 17 j 11:30	3°♊29'57		morning set	-1533 May 01 j 12:01	17°♊30'09	
				asc. node	-1533 May 04 j 08:33	23°♊35'41	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1533 May 07 j 07:08	0°♄		superior conj	-1532 Apr 21 j 23:51	17°♄38'14	0°18'31
				minimum elong	-1532 Apr 21 j 23:02	17°♄33'44	0°18'20
superior conj	-1533 May 08 j 12:05	2°♄38'26	0°42'30	max. Earth dist.	-1532 Apr 21 j 16:13	16°♄56'24	1.32423 AU
minimum elong	-1533 May 08 j 10:20	2°♄28'50	0°42'10		-1532 Apr 27 j 16:20	0°♄	
max. Earth dist.	-1533 May 09 j 03:15	4°♄01'23	1.32624 AU	evening rise	-1532 Apr 28 j 22:14	2°♄38'14	
evening rise	-1533 May 15 j 13:20	17°♄46'08			-1532 May 13 j 17:36	0°♄	
	-1533 May 21 j 17:29	0°♄		evening max el	-1532 May 27 j 13:45	17°♄38'42	26°09'10
	-1533 Jun 10 j 02:04	0°♄		desc. node	-1532 May 30 j 22:43	20°♄33'24	
desc. node	-1533 Jun 14 j 01:42	4°♄26'17		retrograde	-1532 Jun 10 j 15:24	24°♄53'49	
evening max el	-1533 Jun 15 j 14:13	5°♄56'40	27°03'07	evening set	-1532 Jun 16 j 20:43	23°♄18'31	
retrograde	-1533 Jun 29 j 12:48	13°♄15'39		min. Earth dist.	-1532 Jun 21 j 02:38	20°♄38'43	0.59181 AU
evening set	-1533 Jul 06 j 12:03	11°♄04'02		inferior conj	-1532 Jun 24 j 11:02	18°♄05'54	-4°35'17
min. Earth dist.	-1533 Jul 10 j 04:04	8°♄20'57	0.61238 AU	minimum elong	-1532 Jun 24 j 10:55	18°♄06'07	4°35'15
inferior conj	-1533 Jul 13 j 09:04	5°♄32'35	-4°23'39	morning rise	-1532 Jul 02 j 03:27	13°♄36'29	
minimum elong	-1533 Jul 13 j 12:04	5°♄25'59	4°23'16	direct	-1532 Jul 04 j 15:36	13°♄14'54	
morning rise	-1533 Jul 20 j 13:45	0°♄41'10		morning max el	-1532 Jul 12 j 11:32	16°♄59'23	18°27'46
direct	-1533 Jul 23 j 01:54	0°♄15'28		asc. node	-1532 Jul 17 j 04:51	22°♄38'57	
morning max el	-1533 Jul 30 j 02:42	3°♄44'36	18°01'16		-1532 Jul 21 j 19:13	0°♄	
asc. node	-1533 Jul 31 j 07:48	5°♄00'21		morning set	-1532 Jul 28 j 14:50	12°♄39'16	
morning set	-1533 Aug 15 j 01:52	28°♄55'02					
	-1533 Aug 15 j 15:58	0°♄		superior conj	-1532 Aug 06 j 16:33	29°♄54'02	1°44'43
				minimum elong	-1532 Aug 06 j 18:29	0°♄02'59	1°44'39
superior conj	-1533 Aug 25 j 07:36	17°♄28'19	1°30'45		-1532 Aug 06 j 17:50	0°♄	
minimum elong	-1533 Aug 25 j 11:52	17°♄47'02	1°30'24	max. Earth dist.	-1532 Aug 14 j 01:21	13°♄06'56	1.40142 AU
	-1533 Sep 01 j 15:23	0°♄		evening rise	-1532 Aug 18 j 11:04	20°♄36'13	
max. Earth dist.	-1533 Sep 01 j 20:27	0°♄21'03	1.42044 AU		-1532 Aug 24 j 05:54	0°♄	
evening rise	-1533 Sep 07 j 23:42	10°♄19'32		desc. node	-1532 Aug 26 j 22:06	4°♄11'24	
desc. node	-1533 Sep 10 j 01:05	13°♄34'49			-1532 Sep 14 j 00:16	0°♄	
	-1533 Sep 20 j 20:15	0°♄		evening max el	-1532 Sep 22 j 06:22	9°♄33'33	23°35'43
evening max el	-1533 Oct 10 j 16:25	26°♄03'26	22°15'35	retrograde	-1532 Oct 02 j 20:45	15°♄48'59	
	-1533 Oct 15 j 07:51	0°♄		evening set	-1532 Oct 07 j 22:25	13°♄42'12	
retrograde	-1533 Oct 20 j 04:04	1°♄41'57		inferior conj	-1532 Oct 13 j 06:48	7°♄21'35	0°02'24
evening set	-1533 Oct 24 j 15:56	29°♄53'44		minimum elong	-1532 Oct 13 j 06:44	7°♄21'47	0°02'23
	-1533 Oct 24 j 12:48	30°♄		transit middle	-1532 Oct 13 j 06:44	7°♄21'47	0°02'23
asc. node	-1533 Oct 27 j 06:59	27°♄11'31		transit begin	-1532 Oct 13 j 04:03	7°♄30'58	
inferior conj	-1533 Oct 29 j 23:59	23°♄35'47	0°55'26	transit end	-1532 Oct 13 j 09:25	7°♄12'37	
minimum elong	-1533 Oct 29 j 22:43	23°♄40'08	0°54'54	min. Earth dist.	-1532 Oct 12 j 20:28	7°♄56'53	0.67523 AU
min. Earth dist.	-1533 Oct 29 j 23:54	23°♄36'02	0.67539 AU	asc. node	-1532 Oct 13 j 04:01	7°♄31'06	
morning rise	-1533 Nov 04 j 05:22	17°♄22'50		morning rise	-1532 Oct 18 j 14:58	1°♄12'31	
direct	-1533 Nov 08 j 21:22	15°♄27'10			-1532 Oct 20 j 17:44	30°♄	
morning max el	-1533 Nov 18 j 11:24	21°♄08'32	22°27'33	direct	-1532 Oct 22 j 17:07	29°♄38'33	
	-1533 Nov 26 j 00:18	0°♄			-1532 Oct 24 j 18:36	0°♄	
desc. node	-1533 Dec 07 j 00:25	15°♄20'37		morning max el	-1532 Oct 31 j 04:07	4°♄35'57	21°06'16
	-1533 Dec 16 j 15:57	0°♄			-1532 Nov 19 j 03:44	0°♄	
morning set	-1533 Dec 22 j 01:06	8°♄35'58		desc. node	-1532 Nov 22 j 21:27	5°♄37'04	
max. Earth dist.	-1533 Dec 27 j 07:45	17°♄21'30	1.40624 AU	morning set	-1532 Nov 30 j 09:23	17°♄10'15	
	-1532 Jan 03 j 13:58	0°♄			-1532 Dec 08 j 10:00	0°♄	
				max. Earth dist.	-1532 Dec 08 j 10:51	0°♄03'25	1.42542 AU
superior conj	-1532 Jan 04 j 02:48	0°♄57'35	-1°59'12				
minimum elong	-1532 Jan 04 j 03:19	0°♄59'54	1°59'14	superior conj	-1532 Dec 15 j 13:13	11°♄53'31	-1°54'15
evening rise	-1532 Jan 14 j 03:54	19°♄34'09		minimum elong	-1532 Dec 15 j 09:37	11°♄38'11	1°54'07
	-1532 Jan 19 j 18:57	0°♄			-1532 Dec 25 j 21:02	0°♄	
asc. node	-1532 Jan 23 j 06:15	5°♄59'17		evening rise	-1532 Dec 27 j 01:28	2°♄07'37	
evening max el	-1532 Jan 30 j 10:10	15°♄36'13	18°19'49	asc. node	-1531 Jan 09 j 03:17	24°♄10'13	
retrograde	-1532 Feb 06 j 15:32	19°♄11'08		evening max el	-1531 Jan 12 j 20:47	28°♄39'06	18°07'56
evening set	-1532 Feb 09 j 04:32	18°♄45'40			-1531 Jan 14 j 08:58	0°♄	
inferior conj	-1532 Feb 16 j 08:10	14°♄06'19	3°38'53	retrograde	-1531 Jan 19 j 12:39	2°♄05'06	
minimum elong	-1532 Feb 16 j 10:51	14°♄00'38	3°38'32	evening set	-1531 Jan 22 j 05:41	1°♄31'04	
min. Earth dist.	-1532 Feb 19 j 17:55	11°♄14'39	0.59397 AU		-1531 Jan 24 j 20:29	30°♄	
morning rise	-1532 Feb 23 j 14:58	8°♄32'58		inferior conj	-1531 Jan 28 j 19:39	26°♄30'15	3°55'05
direct	-1532 Mar 01 j 00:42	6°♄42'53		minimum elong	-1531 Jan 28 j 19:52	26°♄29'42	3°55'04
desc. node	-1532 Mar 03 j 23:33	7°♄05'28		min. Earth dist.	-1531 Jan 31 j 21:04	23°♄32'39	0.61464 AU
morning max el	-1532 Mar 15 j 07:37	14°♄24'18	27°05'56	morning rise	-1531 Feb 04 j 08:44	20°♄41'05	
	-1532 Mar 27 j 20:18	0°♄		direct	-1531 Feb 11 j 07:15	18°♄16'48	
	-1532 Apr 13 j 18:11	0°♄		desc. node	-1531 Feb 18 j 20:36	20°♄45'35	
morning set	-1532 Apr 14 j 21:38	2°♄21'51		morning max el	-1531 Feb 25 j 09:32	26°♄04'20	27°41'36
asc. node	-1532 Apr 20 j 05:36	13°♄46'55			-1531 Mar 01 j 01:52	0°♄	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1531 Mar 21 j 07:19	0° H		morning max el	-1530 Feb 07 j 16:38	8° Z 24'07	27°40'36
morning set	-1531 Mar 30 j 03:14	16° H 59'07			-1530 Feb 24 j 10:25	0° \approx	
max. Earth dist.	-1531 Apr 05 j 03:45	29° H 44'01	1.32584 AU		-1530 Mar 13 j 11:39	0° H	
	-1531 Apr 05 j 06:42	0° Y		morning set	-1530 Mar 14 j 02:32	1° H 14'11	
				max. Earth dist.	-1530 Mar 19 j 10:01	12° H 11'09	1.33129 AU
superior conj	-1531 Apr 06 j 10:40	2° Y 32'07	-0°07'02				
minimum elong	-1531 Apr 06 j 10:59	2° Y 33'53	0°06'58	superior conj	-1530 Mar 21 j 18:50	17° H 14'08	-0°33'11
behind sun begin	-1531 Apr 06 j 06:23	2° Y 08'49		minimum elong	-1530 Mar 21 j 20:23	17° H 22'27	0°32'51
behind sun end	-1531 Apr 06 j 15:35	2° Y 58'58		asc. node	-1530 Mar 24 j 23:38	24° H 08'09	
asc. node	-1531 Apr 07 j 02:36	3° Y 59'04			-1530 Mar 27 j 17:12	0° Y	
evening rise	-1531 Apr 13 j 09:27	17° Y 34'31		evening rise	-1530 Mar 28 j 21:11	2° Y 28'18	
	-1531 Apr 19 j 13:25	0° B			-1530 Apr 13 j 03:27	0° B	
evening max el	-1531 May 09 j 07:10	28° B 39'58	24°49'06	evening max el	-1530 Apr 20 j 22:17	9° B 18'44	23°15'24
	-1531 May 10 j 18:04	0° II		retrograde	-1530 May 04 j 09:53	16° B 00'57	
desc. node	-1531 May 17 j 19:45	4° II 36'37		desc. node	-1530 May 04 j 16:45	16° B 00'46	
retrograde	-1531 May 23 j 06:55	5° II 45'15		evening set	-1530 May 08 j 00:06	15° B 32'40	
evening set	-1531 May 28 j 06:45	4° II 48'34		min. Earth dist.	-1530 May 15 j 08:22	12° B 13'53	0.55783 AU
min. Earth dist.	-1531 Jun 02 j 18:59	1° II 55'37	0.57252 AU	inferior conj	-1530 May 17 j 04:14	11° B 09'28	-3°13'53
inferior conj	-1531 Jun 05 j 17:31	29° B 59'24	-4°15'30	minimum elong	-1530 May 16 j 21:28	11° B 19'27	3°12'06
minimum elong	-1531 Jun 05 j 13:09	0° II 06'39	4°14'54	morning rise	-1530 May 25 j 21:29	7° B 13'32	
	-1531 Jun 05 j 17:09	30° R 8		direct	-1530 May 28 j 12:53	6° B 56'35	
morning rise	-1531 Jun 13 j 22:24	25° B 50'19		morning max el	-1530 Jun 08 j 03:29	11° B 51'31	20°22'40
direct	-1531 Jun 16 j 11:39	25° B 31'41		asc. node	-1530 Jun 20 j 22:56	0° II 05'56	
morning max el	-1531 Jun 25 j 12:33	29° B 44'23	19°14'53		-1530 Jun 20 j 21:39	0° II	
	-1531 Jun 25 j 19:09	0° II		morning set	-1530 Jun 26 j 18:06	11° II 27'05	
asc. node	-1531 Jul 04 j 01:53	11° II 04'28					
morning set	-1531 Jul 12 j 13:13	26° II 52'30		superior conj	-1530 Jul 04 j 10:35	27° II 12'28	1°42'56
	-1531 Jul 14 j 02:53	0° B		minimum elong	-1530 Jul 04 j 08:54	27° II 03'56	1°42'52
					-1530 Jul 05 j 19:52	0° B	
superior conj	-1531 Jul 20 j 19:12	13° B 13'21	1°47'59	max. Earth dist.	-1530 Jul 09 j 09:58	7° B 03'32	1.36324 AU
minimum elong	-1531 Jul 20 j 18:59	13° B 12'18	1°48'00	evening rise	-1530 Jul 13 j 10:30	14° B 39'16	
max. Earth dist.	-1531 Jul 27 j 04:02	25° B 14'33	1.38157 AU		-1530 Jul 22 j 05:11	0° B	
	-1531 Jul 29 j 19:22	0° B		desc. node	-1530 Jul 31 j 16:05	14° B 43'59	
evening rise	-1531 Jul 30 j 23:45	2° B 05'16			-1530 Aug 12 j 02:08	0° B	
desc. node	-1531 Aug 13 j 19:06	24° B 36'24		evening max el	-1530 Aug 18 j 05:13	6° B 41'33	26°03'19
	-1531 Aug 17 j 10:18	0° B		retrograde	-1530 Aug 30 j 17:20	13° B 48'51	
evening max el	-1531 Sep 04 j 18:00	23° B 06'56	24°54'11	evening set	-1530 Sep 06 j 00:26	11° B 09'41	
retrograde	-1531 Sep 16 j 09:22	29° B 52'55		min. Earth dist.	-1530 Sep 10 j 05:34	6° B 36'12	0.66522 AU
evening set	-1531 Sep 22 j 01:54	27° B 28'17		inferior conj	-1530 Sep 11 j 13:57	4° B 54'46	-1°47'00
min. Earth dist.	-1531 Sep 26 j 15:09	22° B 17'47	0.67189 AU	minimum elong	-1530 Sep 11 j 16:35	4° B 46'33	1°45'58
inferior conj	-1531 Sep 27 j 12:03	21° B 08'44	-0°52'17		-1530 Sep 16 j 01:08	30° R 8	
minimum elong	-1531 Sep 27 j 13:20	21° B 04'29	0°51'44	asc. node	-1530 Sep 16 j 22:07	29° B 20'02	
asc. node	-1531 Sep 30 j 01:03	17° B 55'59		morning rise	-1530 Sep 17 j 08:59	29° B 02'28	
morning rise	-1531 Oct 03 j 00:49	15° B 06'32		direct	-1530 Sep 20 j 13:11	28° B 04'33	
direct	-1531 Oct 06 j 14:56	13° B 52'11			-1530 Sep 25 j 06:44	0° B	
morning max el	-1531 Oct 14 j 04:20	18° B 13'03	19°56'22	morning max el	-1530 Sep 27 j 11:41	1° B 58'35	19°00'52
	-1531 Oct 23 j 11:03	0° B			-1530 Oct 16 j 23:38	0° B	
morning set	-1531 Nov 09 j 06:26	25° B 20'16		morning set	-1530 Oct 19 j 16:26	4° B 14'52	
desc. node	-1531 Nov 09 j 18:30	26° B 06'58		desc. node	-1530 Oct 27 j 15:31	16° B 45'40	
	-1531 Nov 12 j 06:32	0° B		max. Earth dist.	-1530 Nov 03 j 14:34	27° B 42'18	1.44811 AU
max. Earth dist.	-1531 Nov 20 j 22:01	13° B 36'42	1.43998 AU				
				superior conj	-1530 Nov 05 j 04:22	0° B 11'19	-0°53'26
superior conj	-1531 Nov 25 j 20:43	21° B 34'15	-1°32'30	minimum elong	-1530 Nov 04 j 21:49	29° B 45'30	0°52'39
minimum elong	-1531 Nov 25 j 13:18	21° B 04'08	1°31'51		-1530 Nov 05 j 01:30	0° B	
	-1531 Nov 30 j 23:55	0° B		evening rise	-1530 Nov 20 j 10:14	24° B 36'44	
evening rise	-1531 Dec 09 j 05:00	13° B 51'12			-1530 Nov 23 j 17:34	0° B	
	-1531 Dec 18 j 18:17	0° B		evening max el	-1530 Dec 10 j 21:02	25° B 18'41	18°40'52
asc. node	-1531 Dec 27 j 00:18	11° B 32'08		asc. node	-1530 Dec 13 j 21:20	27° B 50'51	
evening max el	-1531 Dec 27 j 09:18	11° B 55'25	18°15'13	retrograde	-1530 Dec 17 j 13:39	29° B 03'30	
retrograde	-1530 Jan 02 j 21:26	15° B 25'28		evening set	-1530 Dec 20 j 15:51	28° B 09'25	
evening set	-1530 Jan 05 j 18:35	14° B 42'00		inferior conj	-1530 Dec 26 j 11:35	22° B 30'24	3°26'45
inferior conj	-1530 Jan 11 j 22:03	9° B 20'53	3°48'51	minimum elong	-1530 Dec 26 j 08:54	22° B 38'28	3°26'12
minimum elong	-1530 Jan 11 j 20:24	9° B 25'26	3°48'40	min. Earth dist.	-1530 Dec 28 j 07:49	20° B 17'31	0.64918 AU
min. Earth dist.	-1530 Jan 14 j 09:28	6° B 38'43	0.63352 AU	morning rise	-1529 Jan 01 j 01:35	16° B 23'36	
morning rise	-1530 Jan 17 j 21:32	3° B 21'15		direct	-1529 Jan 07 j 19:34	13° B 31'33	
direct	-1530 Jan 24 j 21:55	0° B 35'41		morning max el	-1529 Jan 21 j 02:16	21° B 13'31	27°05'37
desc. node	-1530 Feb 05 j 17:40	6° B 33'04		desc. node	-1529 Jan 23 j 14:44	23° B 52'26	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1529 Jan 28 j 18:16	0°☿			-1529 Dec 29 j 13:18	0°♊	
	-1529 Feb 17 j 13:21	0°♋		morning max el	-1528 Jan 03 j 11:45	4°♊19'43	26°03'42
morning set	-1529 Feb 25 j 16:28	14°♋56'22		desc. node	-1528 Jan 10 j 11:49	12°♊17'03	
max. Earth dist.	-1529 Mar 02 j 06:59	24°♋05'05	1.34095 AU		-1528 Jan 23 j 04:15	0°☿	
	-1529 Mar 05 j 03:49	0°♌		morning set	-1528 Feb 08 j 16:55	27°☿53'29	
					-1528 Feb 09 j 20:02	0°♋	
superior conj	-1529 Mar 05 j 22:21	1°♌36'57	-0°58'54	max. Earth dist.	-1528 Feb 12 j 16:00	5°♋24'09	1.35513 AU
minimum elong	-1529 Mar 06 j 01:02	1°♌51'01	0°58'25				
asc. node	-1529 Mar 11 j 20:41	14°♌09'12		superior conj	-1528 Feb 17 j 18:49	15°♋33'41	-1°22'44
evening rise	-1529 Mar 13 j 07:35	17°♌12'12		minimum elong	-1528 Feb 17 j 22:16	15°♋51'13	1°22'15
	-1529 Mar 19 j 18:06	0°♍			-1528 Feb 24 j 19:12	0°♌	
evening max el	-1529 Apr 02 j 17:49	20°♍03'29	21°42'41	evening rise	-1528 Feb 25 j 14:45	1°♌40'19	
retrograde	-1529 Apr 15 j 02:20	26°♍03'57		asc. node	-1528 Feb 26 j 17:44	3°♌57'45	
evening set	-1529 Apr 17 j 15:38	25°♍49'16			-1528 Mar 13 j 16:17	0°♍	
desc. node	-1529 Apr 21 j 13:48	24°♍35'23		evening max el	-1528 Mar 14 j 23:10	1°♍18'11	20°21'55
inferior conj	-1529 Apr 27 j 01:08	21°♍46'08	-1°31'58	retrograde	-1528 Mar 25 j 16:17	6°♍25'35	
minimum elong	-1529 Apr 26 j 20:54	21°♍52'05	1°30'29	evening set	-1528 Mar 27 j 20:39	6°♍13'44	
min. Earth dist.	-1529 Apr 26 j 21:37	21°♍51'05	0.55081 AU	inferior conj	-1528 Apr 05 j 21:10	2°♍15'45	0°26'35
morning rise	-1529 May 06 j 03:05	17°♍47'38		minimum elong	-1528 Apr 05 j 22:22	2°♍13'58	0°26'10
direct	-1529 May 09 j 01:03	17°♍28'54		desc. node	-1528 Apr 07 j 10:53	1°♍20'18	
morning max el	-1529 May 21 j 07:32	23°♍16'29	21°48'54	min. Earth dist.	-1528 Apr 07 j 11:44	1°♍19'05	0.55328 AU
	-1529 May 27 j 05:24	0°♎			-1528 Apr 09 j 20:21	30°♎♌	
asc. node	-1529 Jun 07 j 20:00	19°♎34'02		morning rise	-1528 Apr 14 j 22:27	27°♎55'51	
morning set	-1529 Jun 11 j 03:13	26°♎16'21		direct	-1528 Apr 18 j 13:50	27°♎26'56	
	-1529 Jun 12 j 22:02	0°♏			-1528 Apr 26 j 20:44	0°♍	
				morning max el	-1528 May 02 j 02:30	4°♍05'00	23°27'08
superior conj	-1529 Jun 18 j 10:51	11°♏39'44	1°31'31		-1528 May 20 j 00:31	0°♎	
minimum elong	-1529 Jun 18 j 08:25	11°♏27'02	1°31'18	asc. node	-1528 May 24 j 17:04	9°♎21'22	
max. Earth dist.	-1529 Jun 22 j 00:00	18°♏59'04	1.34803 AU	morning set	-1528 May 25 j 14:40	11°♎14'02	
evening rise	-1529 Jun 26 j 14:18	28°♏05'04					
	-1529 Jun 27 j 14:20	0°♐		superior conj	-1528 Jun 01 j 17:03	26°♎25'30	1°15'17
	-1529 Jul 15 j 10:27	0°♑		minimum elong	-1528 Jun 01 j 14:30	26°♎11'52	1°14'55
desc. node	-1529 Jul 18 j 13:06	4°♑26'38			-1528 Jun 03 j 09:15	0°♏	
evening max el	-1529 Jul 31 j 16:47	20°♑11'38	26°55'17	max. Earth dist.	-1528 Jun 03 j 23:46	1°♏16'51	1.33663 AU
retrograde	-1529 Aug 13 j 20:19	27°♑30'20		evening rise	-1528 Jun 09 j 06:30	12°♏08'55	
evening set	-1529 Aug 20 j 15:46	24°♑43'41			-1528 Jun 18 j 20:26	0°♐	
min. Earth dist.	-1529 Aug 24 j 13:29	20°♑47'48	0.65495 AU	desc. node	-1528 Jul 04 j 10:07	23°♐33'20	
inferior conj	-1529 Aug 26 j 10:31	18°♑36'49	-2°39'46		-1528 Jul 09 j 19:32	0°♑	
minimum elong	-1529 Aug 26 j 14:17	18°♑25'52	2°38'28	evening max el	-1528 Jul 13 j 03:58	3°♑26'57	27°22'42
morning rise	-1529 Sep 01 j 13:19	12°♑57'29		retrograde	-1528 Jul 26 j 17:41	10°♑48'26	
asc. node	-1529 Sep 03 j 19:12	12°♑14'33		evening set	-1528 Aug 02 j 20:55	8°♑04'58	
direct	-1529 Sep 04 j 09:59	12°♑12'27		min. Earth dist.	-1528 Aug 06 j 12:50	4°♑44'13	0.64103 AU
morning max el	-1529 Sep 11 j 00:15	15°♑48'45	18°21'26	inferior conj	-1528 Aug 08 j 23:16	2°♑09'35	-3°27'53
	-1529 Sep 21 j 07:09	0°♒		minimum elong	-1528 Aug 09 j 03:38	1°♑57'59	3°26'41
morning set	-1529 Sep 30 j 05:23	14°♒30'04			-1528 Aug 11 j 01:50	30°♒♐	
	-1529 Oct 09 j 19:21	0°♓		morning rise	-1528 Aug 15 j 11:12	26°♓46'15	
desc. node	-1529 Oct 14 j 12:32	7°♓29'53		direct	-1528 Aug 18 j 02:47	26°♓10'43	
				asc. node	-1528 Aug 20 j 16:17	26°♓44'13	
superior conj	-1529 Oct 15 j 04:47	8°♓34'08	-0°04'25	morning max el	-1528 Aug 24 j 15:23	29°♓37'34	17°59'07
minimum elong	-1529 Oct 15 j 04:12	8°♓31'49	0°04'21		-1528 Aug 25 j 00:11	0°♑	
behind sun begin	-1529 Oct 14 j 17:21	7°♓48'57		morning set	-1528 Sep 10 j 21:27	26°♑03'22	
behind sun end	-1529 Oct 15 j 15:02	9°♓14'41			-1528 Sep 13 j 04:52	0°♒	
max. Earth dist.	-1529 Oct 17 j 08:55	11°♓59'46	1.44900 AU				
	-1529 Oct 28 j 20:24	0°♔		superior conj	-1528 Sep 23 j 19:51	17°♒42'55	0°42'03
evening rise	-1529 Oct 31 j 15:20	4°♔22'10		minimum elong	-1528 Sep 24 j 00:15	18°♒00'50	0°41'29
greatest brilliancy	-1529 Nov 11 j 12:26	21°♔19'57	-0.8m	max. Earth dist.	-1528 Sep 29 j 02:09	26°♒11'18	1.44270 AU
	-1529 Nov 17 j 07:50	0°♕		desc. node	-1528 Sep 30 j 09:32	28°♒15'57	
evening max el	-1529 Nov 24 j 05:44	8°♕45'28	19°23'34		-1528 Oct 01 j 11:50	0°♓	
asc. node	-1529 Nov 30 j 18:24	12°♕51'33		evening rise	-1528 Oct 10 j 01:28	13°♓21'38	
retrograde	-1529 Dec 01 j 09:51	12°♕53'54			-1528 Oct 20 j 23:46	0°♔	
evening set	-1529 Dec 04 j 18:48	11°♕47'27		evening max el	-1528 Nov 06 j 09:32	22°♔12'51	20°21'26
inferior conj	-1529 Dec 10 j 09:02	5°♕53'27	2°53'25	retrograde	-1528 Nov 14 j 07:18	26°♔52'11	
minimum elong	-1529 Dec 10 j 06:05	6°♕02'54	2°52'34	asc. node	-1528 Nov 16 j 15:29	26°♔20'43	
min. Earth dist.	-1529 Dec 11 j 15:03	4°♕16'42	0.66113 AU	evening set	-1528 Nov 18 j 01:06	25°♔31'07	
	-1529 Dec 15 j 09:16	30°♕♔		inferior conj	-1528 Nov 23 j 11:40	19°♔25'17	2°11'57
morning rise	-1529 Dec 15 j 17:07	29°♔42'02		minimum elong	-1528 Nov 23 j 09:04	19°♔34'03	2°11'02
direct	-1529 Dec 21 j 23:31	26°♔56'30		min. Earth dist.	-1528 Nov 24 j 05:00	18°♔26'49	0.66937 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning rise	-1528 Nov 28 j 16:50	13° \mathbb{M} 11'34	direct	-1527 Nov 17 j 22:45	24° \mathbb{A} 41'18	
direct	-1528 Dec 04 j 08:49	10° \mathbb{M} 41'55		-1527 Nov 27 j 09:44	0° \mathbb{M}	
morning max el	-1528 Dec 15 j 20:10	17° \mathbb{M} 32'09	24°44'17	morning max el	-1527 Nov 28 j 05:17	0° \mathbb{M} 48'18 23°17'21
	-1528 Dec 26 j 06:54	0° \mathbb{A}		desc. node	-1527 Dec 14 j 05:53	21° \mathbb{M} 09'59
desc. node	-1528 Dec 27 j 08:52	1° \mathbb{A} 27'18			-1527 Dec 20 j 05:49	0° \mathbb{A}
	-1527 Jan 15 j 04:57	0° \mathbb{B}		morning set	-1526 Jan 02 j 02:34	20° \mathbb{A} 27'58
morning set	-1527 Jan 20 j 22:24	9° \mathbb{B} 49'40		max. Earth dist.	-1526 Jan 06 j 09:57	27° \mathbb{A} 49'03 1.39422 AU
max. Earth dist.	-1527 Jan 24 j 14:38	16° \mathbb{B} 26'30	1.37342 AU		-1526 Jan 07 j 15:54	0° \mathbb{B}
superior conj	-1527 Jan 31 j 05:03	28° \mathbb{B} 55'30	-1°42'40	superior conj	-1526 Jan 14 j 00:52	11° \mathbb{B} 30'39 -1°55'58
minimum elong	-1527 Jan 31 j 08:30	29° \mathbb{B} 12'19	1°42'22	minimum elong	-1526 Jan 14 j 02:58	11° \mathbb{B} 40'26 1°55'56
	-1527 Jan 31 j 18:17	0° \mathbb{A}		evening rise	-1526 Jan 23 j 09:55	29° \mathbb{B} 22'12
evening rise	-1527 Feb 08 j 16:26	15° \mathbb{A} 46'09			-1526 Jan 23 j 17:46	0° \mathbb{A}
asc. node	-1527 Feb 12 j 14:47	23° \mathbb{A} 28'38		asc. node	-1526 Jan 30 j 11:50	12° \mathbb{A} 34'58
	-1527 Feb 16 j 03:56	0° \mathbb{H}		evening max el	-1526 Feb 08 j 17:14	25° \mathbb{A} 36'32 18°35'35
evening max el	-1527 Feb 25 j 15:36	13° \mathbb{H} 10'49	19°18'53	retrograde	-1526 Feb 16 j 11:09	29° \mathbb{A} 23'15
retrograde	-1527 Mar 06 j 16:33	17° \mathbb{H} 30'20		evening set	-1526 Feb 18 j 21:46	29° \mathbb{A} 02'02
evening set	-1527 Mar 08 j 22:44	17° \mathbb{H} 15'21		inferior conj	-1526 Feb 26 j 10:43	24° \mathbb{A} 34'26 3°16'11
inferior conj	-1527 Mar 17 j 05:57	13° \mathbb{H} 06'51	2°08'41	minimum elong	-1526 Feb 26 j 14:39	24° \mathbb{A} 26'46 3°15'25
minimum elong	-1527 Mar 17 j 10:23	12° \mathbb{H} 59'28	2°07'23	min. Earth dist.	-1526 Mar 01 j 20:07	21° \mathbb{A} 57'55 0.58231 AU
min. Earth dist.	-1527 Mar 20 j 02:45	11° \mathbb{H} 13'11	0.56465 AU	morning rise	-1526 Mar 06 j 04:59	19° \mathbb{A} 14'18
desc. node	-1527 Mar 25 j 07:58	8° \mathbb{H} 26'19		direct	-1526 Mar 12 j 02:23	17° \mathbb{A} 46'56
morning rise	-1527 Mar 25 j 19:13	8° \mathbb{H} 15'49		desc. node	-1526 Mar 12 j 05:02	17° \mathbb{A} 46'58
direct	-1527 Mar 30 j 13:37	7° \mathbb{H} 23'36		morning max el	-1526 Mar 26 j 10:00	25° \mathbb{A} 20'27 26°29'54
morning max el	-1527 Apr 13 j 17:17	14° \mathbb{H} 37'06	25°05'49		-1526 Mar 30 j 17:54	0° \mathbb{H}
	-1527 Apr 25 j 21:27	0° \mathbb{Y}			-1526 Apr 19 j 00:10	0° \mathbb{Y}
morning set	-1527 May 10 j 02:46	26° \mathbb{Y} 14'49		morning set	-1526 Apr 24 j 13:46	11° \mathbb{Y} 11'33
asc. node	-1527 May 11 j 14:06	29° \mathbb{Y} 22'15		asc. node	-1526 Apr 28 j 11:08	19° \mathbb{Y} 30'50
	-1527 May 11 j 21:10	0° \mathbb{B}				
superior conj	-1527 May 17 j 02:54	11° \mathbb{B} 22'20	0°55'20	superior conj	-1526 May 01 j 14:25	26° \mathbb{Y} 22'29 0°32'35
minimum elong	-1527 May 17 j 00:44	11° \mathbb{B} 10'35	0°54'57	minimum elong	-1526 May 01 j 13:01	26° \mathbb{Y} 14'51 0°32'17
max. Earth dist.	-1527 May 18 j 07:35	13° \mathbb{B} 58'16	1.32904 AU	max. Earth dist.	-1526 May 01 j 19:53	26° \mathbb{Y} 52'25 1.32502 AU
evening rise	-1527 May 24 j 07:25	26° \mathbb{B} 39'32		evening rise	-1526 May 03 j 06:08	0° \mathbb{B}
	-1527 May 25 j 22:59	0° \mathbb{II}			-1526 May 08 j 14:03	11° \mathbb{B} 25'54
	-1527 Jun 12 j 05:59	0° \mathbb{E}			-1526 May 18 j 04:16	0° \mathbb{II}
desc. node	-1527 Jun 21 j 07:09	11° \mathbb{E} 48'59		evening max el	-1526 Jun 07 j 15:55	28° \mathbb{II} 22'11 26°43'50
evening max el	-1527 Jun 25 j 12:38	16° \mathbb{E} 14'56	27°19'46	desc. node	-1526 Jun 08 j 04:11	28° \mathbb{II} 51'02
retrograde	-1527 Jul 09 j 08:31	23° \mathbb{E} 34'28			-1526 Jun 09 j 11:04	0° \mathbb{E}
evening set	-1527 Jul 16 j 12:11	21° \mathbb{E} 07'31		retrograde	-1526 Jun 21 j 15:42	5° \mathbb{E} 38'58
min. Earth dist.	-1527 Jul 20 j 02:11	18° \mathbb{E} 14'15	0.62369 AU	evening set	-1526 Jun 28 j 09:07	3° \mathbb{E} 41'47
inferior conj	-1527 Jul 23 j 01:17	15° \mathbb{E} 26'41	-4°07'17	min. Earth dist.	-1526 Jul 02 j 05:20	1° \mathbb{E} 02'24 0.60378 AU
minimum elong	-1527 Jul 23 j 05:14	15° \mathbb{E} 17'20	4°06'33	inferior conj	-1526 Jul 03 j 12:11	30° \mathbb{R} \mathbb{II}
morning rise	-1527 Jul 29 j 23:32	10° \mathbb{E} 22'33		minimum elong	-1526 Jul 05 j 13:00	28° \mathbb{II} 18'16 -4°31'38
direct	-1527 Aug 01 j 12:25	9° \mathbb{E} 53'45		morning rise	-1526 Jul 05 j 14:55	28° \mathbb{II} 14'19 4°31'29
asc. node	-1527 Aug 07 j 13:21	12° \mathbb{E} 39'27		direct	-1526 Jul 12 j 22:35	23° \mathbb{II} 36'03
morning max el	-1527 Aug 08 j 06:22	13° \mathbb{E} 19'19	17°54'58	morning max el	-1526 Jul 15 j 10:45	23° \mathbb{II} 12'06
	-1527 Aug 19 j 14:42	0° \mathbb{Q}		asc. node	-1526 Jul 22 j 18:15	26° \mathbb{II} 45'58 18°10'03
morning set	-1527 Aug 24 j 11:17	8° \mathbb{Q} 39'35		asc. node	-1526 Jul 25 j 10:22	29° \mathbb{II} 44'16
					-1526 Jul 25 j 15:21	0° \mathbb{E}
superior conj	-1527 Sep 04 j 13:37	28° \mathbb{Q} 11'17	1°16'56	morning set	-1526 Aug 07 j 17:07	22° \mathbb{E} 02'17
minimum elong	-1527 Sep 04 j 18:46	28° \mathbb{Q} 33'17	1°16'24		-1526 Aug 11 j 23:07	0° \mathbb{Q}
	-1527 Sep 05 j 15:11	0° \mathbb{P}		superior conj	-1526 Aug 17 j 09:44	9° \mathbb{Q} 58'16 1°38'09
max. Earth dist.	-1527 Sep 11 j 15:55	10° \mathbb{P} 01'14	1.43009 AU	minimum elong	-1526 Aug 17 j 13:04	10° \mathbb{Q} 13'10 1°37'56
desc. node	-1527 Sep 17 j 06:32	19° \mathbb{P} 01'03		max. Earth dist.	-1526 Aug 25 j 00:16	23° \mathbb{Q} 13'52 1.41268 AU
evening rise	-1527 Sep 19 j 08:17	22° \mathbb{P} 16'26			-1526 Aug 29 j 02:00	0° \mathbb{P}
	-1527 Sep 24 j 08:27	0° \mathbb{L}		evening rise	-1526 Aug 30 j 05:55	1° \mathbb{P} 53'39
	-1527 Oct 15 j 08:58	0° \mathbb{M}		desc. node	-1526 Sep 04 j 03:32	9° \mathbb{P} 41'45
evening max el	-1527 Oct 20 j 07:27	5° \mathbb{M} 40'17	21°31'26		-1526 Sep 17 j 18:50	0° \mathbb{L}
retrograde	-1527 Oct 29 j 04:02	10° \mathbb{M} 55'57		evening max el	-1526 Oct 02 j 23:46	19° \mathbb{L} 08'30 22°49'24
evening set	-1527 Nov 02 j 08:49	9° \mathbb{M} 18'01		retrograde	-1526 Oct 12 j 22:33	25° \mathbb{L} 02'50
asc. node	-1527 Nov 03 j 12:33	8° \mathbb{M} 16'24		evening set	-1526 Oct 17 j 16:15	23° \mathbb{L} 06'30
inferior conj	-1527 Nov 07 j 17:22	3° \mathbb{M} 03'35	1°24'37	asc. node	-1526 Oct 21 j 09:34	18° \mathbb{L} 58'40
minimum elong	-1527 Nov 07 j 15:31	3° \mathbb{M} 09'56	1°23'53	inferior conj	-1526 Oct 23 j 00:15	16° \mathbb{L} 46'59 0°33'13
min. Earth dist.	-1527 Nov 07 j 23:21	2° \mathbb{M} 42'56	0.67417 AU	minimum elong	-1526 Oct 22 j 23:29	16° \mathbb{L} 49'39 0°32'54
	-1527 Nov 10 j 00:01	30° \mathbb{R} \mathbb{L}		min. Earth dist.	-1526 Oct 22 j 19:44	17° \mathbb{L} 02'34 0.67572 AU
morning rise	-1527 Nov 12 j 22:04	26° \mathbb{L} 49'53		morning rise	-1526 Oct 28 j 06:37	10° \mathbb{L} 35'37

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

direct	-1526 Nov 01 j 16:31	8° Ω 49'30			-1525 Oct 07 j 16:27	30° \mathbb{R} \mathbb{M}	
morning max el	-1526 Nov 10 j 18:30	14° Ω 11'07	21°51'57	asc. node	-1525 Oct 08 j 06:36	29° \mathbb{M} 12'47	
	-1526 Nov 23 j 08:35	0° \mathbb{M}		morning rise	-1525 Oct 12 j 16:31	24° \mathbb{M} 26'51	
desc. node	-1526 Dec 01 j 02:54	11° \mathbb{M} 16'04		direct	-1525 Oct 16 j 13:12	23° \mathbb{M} 01'49	
morning set	-1526 Dec 13 j 01:41	29° \mathbb{M} 42'34		morning max el	-1525 Oct 24 j 14:26	27° \mathbb{M} 42'53	20°34'57
	-1526 Dec 13 j 06:03	0° \mathbb{A}			-1525 Oct 26 j 16:57	0° Ω	
max. Earth dist.	-1526 Dec 19 j 09:23	10° \mathbb{A} 00'53	1.41478 AU		-1525 Nov 16 j 22:09	0° \mathbb{M}	
				desc. node	-1525 Nov 17 j 23:54	1° \mathbb{M} 38'26	
superior conj	-1526 Dec 27 j 01:02	23° \mathbb{A} 06'16	-1°58'56	morning set	-1525 Nov 22 j 02:18	7° \mathbb{M} 57'48	
minimum elong	-1526 Dec 26 j 23:58	23° \mathbb{A} 01'34	1°58'57	max. Earth dist.	-1525 Dec 01 j 15:50	23° \mathbb{M} 05'13	1.43224 AU
	-1526 Dec 30 j 22:00	0° \mathbb{B}			-1525 Dec 05 j 21:35	0° \mathbb{A}	
evening rise	-1525 Jan 06 j 15:54	12° \mathbb{B} 21'04					
	-1525 Jan 16 j 15:14	0° \approx		superior conj	-1525 Dec 08 j 00:10	3° \mathbb{A} 29'37	-1°47'15
asc. node	-1525 Jan 17 j 08:52	1° \approx 08'56		minimum elong	-1525 Dec 07 j 18:40	3° \mathbb{A} 06'44	1°46'53
evening max el	-1525 Jan 23 j 01:22	8° \approx 27'52	18°12'20	evening rise	-1525 Dec 20 j 06:19	24° \mathbb{A} 33'58	
retrograde	-1525 Jan 29 j 23:49	11° \approx 57'41			-1525 Dec 23 j 08:25	0° \mathbb{B}	
evening set	-1525 Feb 01 j 14:31	11° \approx 28'42		asc. node	-1524 Jan 04 j 05:54	19° \mathbb{B} 00'11	
inferior conj	-1525 Feb 08 j 11:53	6° \approx 39'54	3°49'01	evening max el	-1524 Jan 06 j 13:03	21° \mathbb{B} 36'30	18°08'44
minimum elong	-1525 Feb 08 j 13:30	6° \approx 36'14	3°48'53	retrograde	-1524 Jan 13 j 02:27	25° \mathbb{B} 03'04	
min. Earth dist.	-1525 Feb 11 j 19:00	3° \approx 42'52	0.60277 AU	evening set	-1524 Jan 15 j 21:02	24° \mathbb{B} 25'19	
morning rise	-1525 Feb 15 j 10:41	0° \approx 58'44		inferior conj	-1524 Jan 22 j 06:11	19° \mathbb{B} 15'46	3°54'45
	-1525 Feb 17 j 06:16	30° \mathbb{R} \mathbb{B}		minimum elong	-1524 Jan 22 j 05:30	19° \mathbb{B} 17'31	3°54'42
direct	-1525 Feb 22 j 02:59	28° \mathbb{B} 53'18		min. Earth dist.	-1524 Jan 25 j 02:05	16° \mathbb{B} 22'13	0.62295 AU
desc. node	-1525 Feb 27 j 02:04	29° \mathbb{B} 57'24		morning rise	-1524 Jan 28 j 12:55	13° \mathbb{B} 21'19	
	-1525 Feb 27 j 04:32	0° \approx		direct	-1524 Feb 04 j 13:20	10° \mathbb{B} 45'57	
morning max el	-1525 Mar 08 j 08:37	6° \approx 37'58	27°25'39	desc. node	-1524 Feb 13 j 23:06	14° \mathbb{B} 35'24	
	-1525 Mar 25 j 22:22	0° \mathbb{H}		morning max el	-1524 Feb 18 j 13:10	18° \mathbb{B} 35'37	27°45'38
morning set	-1525 Apr 08 j 21:56	25° \mathbb{H} 58'04			-1524 Feb 28 j 04:54	0° \approx	
	-1525 Apr 10 j 20:08	0° \mathbb{Y}			-1524 Mar 17 j 17:09	0° \mathbb{H}	
asc. node	-1525 Apr 15 j 08:10	9° \mathbb{Y} 42'53		morning set	-1524 Mar 23 j 01:12	10° \mathbb{H} 26'41	
max. Earth dist.	-1525 Apr 15 j 08:51	9° \mathbb{Y} 46'32	1.32450 AU	max. Earth dist.	-1524 Mar 28 j 18:28	22° \mathbb{H} 25'51	1.32759 AU
superior conj	-1525 Apr 16 j 01:58	11° \mathbb{Y} 20'12	0°07'50	superior conj	-1524 Mar 30 j 11:52	26° \mathbb{H} 09'22	-0°18'07
minimum elong	-1525 Apr 16 j 01:36	11° \mathbb{Y} 18'14	0°07'46	minimum elong	-1524 Mar 30 j 12:43	26° \mathbb{H} 13'56	0°17'55
behind sun begin	-1525 Apr 15 j 21:12	10° \mathbb{Y} 54'07		asc. node	-1524 Apr 01 j 05:14	29° \mathbb{H} 54'02	
behind sun end	-1525 Apr 16 j 06:01	11° \mathbb{Y} 42'23			-1524 Apr 01 j 06:20	0° \mathbb{Y}	
evening rise	-1525 Apr 23 j 00:10	26° \mathbb{Y} 20'19		evening rise	-1524 Apr 06 j 11:47	11° \mathbb{Y} 15'38	
	-1525 Apr 24 j 18:19	0° \mathbb{B}			-1524 Apr 16 j 02:54	0° \mathbb{B}	
	-1525 May 12 j 03:47	0° \mathbb{I}		evening max el	-1524 May 01 j 04:02	20° \mathbb{B} 32'46	24°10'05
evening max el	-1525 May 20 j 12:24	9° \mathbb{I} 44'32	25°37'29	desc. node	-1524 May 11 j 22:14	27° \mathbb{B} 09'09	
desc. node	-1525 May 26 j 01:13	14° \mathbb{I} 09'48		retrograde	-1524 May 15 j 00:43	27° \mathbb{B} 31'12	
retrograde	-1525 Jun 03 j 13:51	16° \mathbb{I} 56'54		evening set	-1524 May 19 j 09:47	26° \mathbb{B} 48'27	
evening set	-1525 Jun 09 j 08:03	15° \mathbb{I} 38'08		min. Earth dist.	-1524 May 25 j 15:29	23° \mathbb{B} 45'40	0.56544 AU
min. Earth dist.	-1525 Jun 14 j 00:32	12° \mathbb{I} 54'47	0.58333 AU	inferior conj	-1524 May 28 j 04:47	22° \mathbb{B} 09'54	-3°54'53
inferior conj	-1525 Jun 17 j 06:54	10° \mathbb{I} 34'53	-4°31'24	minimum elong	-1524 May 27 j 22:56	22° \mathbb{B} 19'06	3°53'45
minimum elong	-1525 Jun 17 j 05:00	10° \mathbb{I} 38'18	4°31'17	morning rise	-1524 Jun 05 j 15:04	18° \mathbb{B} 07'48	
morning rise	-1525 Jun 25 j 04:37	6° \mathbb{I} 14'59		direct	-1524 Jun 08 j 04:44	17° \mathbb{B} 50'18	
direct	-1525 Jun 27 j 17:13	5° \mathbb{I} 54'46		morning max el	-1524 Jun 17 j 21:13	22° \mathbb{B} 19'38	19°41'16
morning max el	-1525 Jul 06 j 00:08	9° \mathbb{I} 49'06	18°45'18		-1524 Jun 24 j 05:08	0° \mathbb{I}	
asc. node	-1525 Jul 12 j 07:24	17° \mathbb{I} 43'56		asc. node	-1524 Jun 28 j 04:28	6° \mathbb{I} 26'09	
	-1525 Jul 19 j 07:53	0° \mathbb{E}		morning set	-1524 Jul 05 j 11:56	20° \mathbb{I} 22'41	
morning set	-1525 Jul 22 j 10:27	5° \mathbb{E} 59'24			-1524 Jul 10 j 06:10	0° \mathbb{E}	
superior conj	-1525 Jul 31 j 02:53	22° \mathbb{E} 48'37	1°47'16	superior conj	-1524 Jul 13 j 11:33	6° \mathbb{E} 26'54	1°46'44
minimum elong	-1525 Jul 31 j 03:51	22° \mathbb{E} 53'07	1°47'16	minimum elong	-1524 Jul 13 j 10:37	6° \mathbb{E} 22'17	1°46'44
	-1525 Aug 03 j 23:40	0° Ω		max. Earth dist.	-1524 Jul 19 j 06:27	17° \mathbb{E} 36'18	1.37344 AU
max. Earth dist.	-1525 Aug 07 j 03:32	5° Ω 41'19	1.39290 AU	evening rise	-1524 Jul 23 j 02:47	24° \mathbb{E} 39'14	
evening rise	-1525 Aug 11 j 04:03	12° Ω 40'24			-1524 Jul 26 j 03:36	0° Ω	
	-1525 Aug 21 j 20:58	0° \mathbb{M}		desc. node	-1524 Aug 07 j 21:34	20° Ω 32'22	
desc. node	-1525 Aug 22 j 00:33	0° \mathbb{M} 13'46			-1524 Aug 14 j 11:50	0° \mathbb{M}	
	-1525 Sep 12 j 23:41	0° Ω		evening max el	-1524 Aug 27 j 23:27	16° \mathbb{M} 13'20	25°25'13
evening max el	-1525 Sep 15 j 12:13	2° Ω 38'55	24°09'43	retrograde	-1524 Sep 09 j 00:37	23° \mathbb{M} 10'22	
retrograde	-1525 Sep 26 j 13:43	9° Ω 08'58		evening set	-1524 Sep 14 j 23:19	20° \mathbb{M} 39'04	
evening set	-1525 Oct 01 j 21:40	6° Ω 54'08		min. Earth dist.	-1524 Sep 19 j 09:04	15° \mathbb{M} 43'51	0.66944 AU
min. Earth dist.	-1525 Oct 06 j 15:45	1° Ω 23'24	0.67416 AU	inferior conj	-1524 Sep 20 j 10:41	14° \mathbb{M} 20'47	-1°15'35
inferior conj	-1525 Oct 07 j 06:36	0° Ω 33'16	-0°20'42	minimum elong	-1524 Sep 20 j 12:33	14° \mathbb{M} 14'45	1°14'50
minimum elong	-1525 Oct 07 j 07:05	0° Ω 31'35	0°20'30	asc. node	-1524 Sep 24 j 03:38	9° \mathbb{M} 57'40	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning rise	-1524 Sep 26 j 01:54	8°♎22'12		inferior conj	-1523 Sep 04 j 10:37	28°♏05'48	-2°09'45
direct	-1524 Sep 29 j 11:27	7°♎15'21		minimum elong	-1523 Sep 04 j 13:46	27°♏56'13	2°08'34
morning max el	-1524 Oct 06 j 17:50	11°♎24'03	19°30'48	morning rise	-1523 Sep 10 j 08:45	22°♏18'19	
	-1524 Oct 20 j 11:43	0°♏		asc. node	-1523 Sep 11 j 00:43	21°♏58'01	
morning set	-1524 Oct 31 j 02:05	16°♏18'56		direct	-1523 Sep 13 j 09:31	21°♏26'10	
desc. node	-1524 Nov 03 j 20:57	22°♏12'31		morning max el	-1523 Sep 20 j 03:37	25°♏11'35	18°41'57
	-1524 Nov 08 j 20:28	0°♎			-1523 Sep 24 j 04:36	0°♎	
max. Earth dist.	-1524 Nov 13 j 05:03	6°♎52'17	1.44431 AU	morning set	-1523 Oct 10 j 22:51	25°♎46'10	
					-1523 Oct 13 j 14:34	0°♏	
superior conj	-1524 Nov 16 j 20:28	12°♎40'03	-1°17'49	desc. node	-1523 Oct 21 j 18:00	12°♏53'48	
minimum elong	-1524 Nov 16 j 12:38	12°♎08'44	1°17'00				
	-1524 Nov 27 j 12:00	0°♎		superior conj	-1523 Oct 26 j 22:19	21°♏03'16	-0°33'07
evening rise	-1524 Dec 01 j 00:48	5°♎53'09		minimum elong	-1523 Oct 26 j 17:59	20°♏46'12	0°32'35
	-1524 Dec 16 j 00:19	0°♎		max. Earth dist.	-1523 Oct 26 j 22:52	21°♏05'27	1.44947 AU
evening max el	-1524 Dec 20 j 01:36	4°♎56'18	18°24'00		-1523 Nov 01 j 14:38	0°♎	
asc. node	-1524 Dec 21 j 02:56	5°♎56'47		evening rise	-1523 Nov 11 j 19:40	16°♎12'27	
retrograde	-1524 Dec 26 j 14:43	8°♎31'15			-1523 Nov 20 j 10:59	0°♎	
evening set	-1524 Dec 29 j 13:50	7°♎43'31		evening max el	-1523 Dec 03 j 12:24	18°♎21'57	18°57'05
inferior conj	-1523 Jan 04 j 13:45	2°♎14'46	3°41'03	asc. node	-1523 Dec 07 j 23:57	21°♎44'20	
minimum elong	-1523 Jan 04 j 11:33	2°♎21'02	3°40'43	retrograde	-1523 Dec 10 j 08:55	22°♎15'21	
	-1523 Jan 06 j 12:55	30°♎		evening set	-1523 Dec 13 j 13:52	21°♎16'08	
min. Earth dist.	-1523 Jan 06 j 18:49	29°♎43'31	0.64068 AU	inferior conj	-1523 Dec 19 j 07:00	15°♎30'27	3°13'44
morning rise	-1523 Jan 10 j 08:43	26°♎11'47		minimum elong	-1523 Dec 19 j 04:08	15°♎39'22	3°13'02
direct	-1523 Jan 17 j 07:22	23°♎21'16		min. Earth dist.	-1523 Dec 20 j 21:00	13°♎32'35	0.65479 AU
	-1523 Jan 29 j 17:13	0°♎		morning rise	-1523 Dec 24 j 18:07	9°♎21'42	
desc. node	-1523 Jan 30 j 20:10	1°♎05'11		direct	-1523 Dec 31 j 07:48	6°♎31'03	
morning max el	-1523 Jan 30 j 21:28	1°♎08'24	27°29'24	morning max el	-1522 Jan 13 j 07:06	14°♎05'53	26°42'02
	-1523 Feb 21 j 07:11	0°♎		desc. node	-1522 Jan 17 j 17:16	18°♎55'04	
morning set	-1523 Mar 06 j 20:55	24°♎28'35			-1522 Jan 26 j 06:50	0°♎	
	-1523 Mar 09 j 15:00	0°♎			-1522 Feb 13 j 23:35	0°♎	
max. Earth dist.	-1523 Mar 11 j 20:55	4°♎37'59	1.33479 AU	morning set	-1522 Feb 18 j 05:42	7°♎53'19	
				max. Earth dist.	-1522 Feb 22 j 13:00	16°♎16'43	1.34645 AU
superior conj	-1523 Mar 14 j 18:20	10°♎43'48	-0°44'14				
minimum elong	-1523 Mar 14 j 20:24	10°♎54'44	0°43'49	superior conj	-1522 Feb 26 j 19:14	24°♎56'57	-1°09'21
asc. node	-1523 Mar 19 j 02:17	19°♎59'57		minimum elong	-1522 Feb 26 j 22:19	25°♎12'51	1°08'50
evening rise	-1523 Mar 21 j 23:10	26°♎05'27			-1522 Mar 01 j 05:25	0°♎	
	-1523 Mar 23 j 20:21	0°♎		asc. node	-1522 Mar 05 j 23:21	9°♎56'29	
	-1523 Apr 11 j 16:02	0°♎		evening rise	-1522 Mar 06 j 08:29	10°♎43'53	
evening max el	-1523 Apr 12 j 20:22	1°♎10'52	22°35'13		-1522 Mar 16 j 13:08	0°♎	
retrograde	-1523 Apr 25 j 22:30	7°♎37'05		evening max el	-1522 Mar 25 j 19:46	12°♎06'42	21°06'25
desc. node	-1523 Apr 28 j 19:18	7°♎19'02		retrograde	-1522 Apr 06 j 11:59	17°♎44'31	
evening set	-1523 Apr 29 j 00:09	7°♎16'27		evening set	-1522 Apr 08 j 19:56	17°♎31'52	
min. Earth dist.	-1523 May 07 j 04:54	3°♎42'56	0.55368 AU	desc. node	-1522 Apr 15 j 16:21	14°♎54'39	
inferior conj	-1523 May 08 j 08:29	3°♎03'36	-2°34'45	inferior conj	-1522 Apr 18 j 03:10	13°♎33'14	-0°41'40
minimum elong	-1523 May 08 j 02:09	3°♎12'39	2°32'49	minimum elong	-1522 Apr 18 j 01:12	13°♎36'01	0°40'57
	-1523 May 14 j 09:32	30°♎		min. Earth dist.	-1522 Apr 18 j 18:12	13°♎11'59	0.55070 AU
morning rise	-1523 May 17 j 06:06	29°♎08'28		morning rise	-1522 Apr 27 j 06:17	9°♎28'01	
direct	-1523 May 19 j 23:24	28°♎51'20		direct	-1522 Apr 30 j 10:30	9°♎06'08	
	-1523 May 25 j 06:15	0°♎		morning max el	-1522 May 13 j 07:04	15°♎15'48	22°29'49
morning max el	-1523 May 31 j 07:27	4°♎08'37	20°57'21		-1522 May 24 j 15:54	0°♎	
asc. node	-1523 Jun 15 j 01:33	25°♎39'55		asc. node	-1522 Jun 01 j 22:39	15°♎17'06	
	-1523 Jun 17 j 06:51	0°♎		morning set	-1522 Jun 04 j 05:17	19°♎57'54	
morning set	-1523 Jun 19 j 18:55	5°♎04'16			-1522 Jun 08 j 22:59	0°♎	
superior conj	-1523 Jun 27 j 07:08	20°♎39'06	1°38'46	superior conj	-1522 Jun 11 j 10:15	5°♎14'57	1°25'09
minimum elong	-1523 Jun 27 j 05:03	20°♎28'23	1°38'38	minimum elong	-1522 Jun 11 j 07:42	5°♎01'29	1°24'52
max. Earth dist.	-1523 Jul 01 j 15:30	29°♎25'38	1.35635 AU	max. Earth dist.	-1522 Jun 14 j 10:04	11°♎31'02	1.34274 AU
	-1523 Jul 01 j 22:28	0°♎		evening rise	-1522 Jun 19 j 07:05	21°♎20'41	
evening rise	-1523 Jul 05 j 21:29	7°♎37'22			-1522 Jun 23 j 20:31	0°♎	
	-1523 Jul 18 j 19:45	0°♎		desc. node	-1522 Jul 12 j 15:36	29°♎59'05	
desc. node	-1523 Jul 25 j 18:36	10°♎30'26			-1522 Jul 12 j 15:53	0°♎	
evening max el	-1523 Aug 10 j 11:04	29°♎47'53	26°28'00	evening max el	-1522 Jul 23 j 22:49	13°♎13'25	27°10'17
	-1523 Aug 10 j 16:06	0°♎		retrograde	-1522 Aug 06 j 06:52	20°♎33'09	
retrograde	-1523 Aug 23 j 06:30	7°♎00'44		evening set	-1522 Aug 13 j 06:29	17°♎46'27	
evening set	-1523 Aug 29 j 19:06	4°♎17'42		min. Earth dist.	-1522 Aug 17 j 01:32	14°♎06'08	0.64957 AU
	-1523 Sep 02 j 21:06	30°♎		inferior conj	-1522 Aug 19 j 04:11	11°♎44'23	-3°00'57
min. Earth dist.	-1523 Sep 02 j 21:07	29°♎59'58	0.66134 AU	minimum elong	-1522 Aug 19 j 08:18	11°♎32'51	2°59'38

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning rise	-1522 Aug 25 j 10:43	6°Ω11'25			-1521 Jul 28 j 13:00	30°℞☿	
direct	-1522 Aug 28 j 05:02	5°Ω30'38		min. Earth dist.	-1521 Jul 30 j 20:31	27°☿52'59	0.63403 AU
asc. node	-1522 Aug 28 j 21:49	5°Ω33'16		inferior conj	-1521 Aug 02 j 12:44	25°☿10'59	-3°46'00
morning max el	-1522 Sep 03 j 17:34	9°Ω01'31	18°09'45	minimum elong	-1521 Aug 02 j 17:05	24°☿59'57	3°44'57
	-1522 Sep 18 j 00:42	0°℞		morning rise	-1521 Aug 09 j 04:58	19°☿55'48	
morning set	-1522 Sep 21 j 23:50	6°℞36'18		direct	-1521 Aug 11 j 19:09	19°☿23'26	
				asc. node	-1521 Aug 15 j 18:54	20°☿40'57	
superior conj	-1522 Oct 06 j 02:31	29°℞38'25	0°16'21	morning max el	-1521 Aug 18 j 09:03	22°☿48'25	17°55'09
minimum elong	-1522 Oct 06 j 04:31	29°℞46'24	0°16'05		-1521 Aug 24 j 00:04	0°Ω	
behind sun begin	-1522 Oct 06 j 02:58	29°℞40'15		morning set	-1521 Sep 04 j 01:56	18°Ω38'32	
behind sun end	-1522 Oct 06 j 06:03	29°℞52'34			-1521 Sep 10 j 15:20	0°℞	
	-1522 Oct 06 j 07:55	0°Ω					
desc. node	-1522 Oct 08 j 14:59	3°Ω38'52		superior conj	-1521 Sep 16 j 04:27	9°℞20'12	0°58'31
max. Earth dist.	-1522 Oct 09 j 17:42	5°Ω24'32	1.44724 AU	minimum elong	-1521 Sep 16 j 09:39	9°℞41'44	0°57'53
evening rise	-1522 Oct 22 j 15:29	25°Ω35'13		max. Earth dist.	-1521 Sep 22 j 09:53	19°℞29'37	1.43800 AU
	-1522 Oct 25 j 11:51	0°℞		desc. node	-1521 Sep 25 j 11:59	24°℞25'02	
greatest brilliancy	-1522 Nov 04 j 10:48	15°℞14'30	-0.7m		-1521 Sep 29 j 01:12	0°Ω	
	-1522 Nov 15 j 03:32	0°♂		evening rise	-1521 Oct 01 j 21:56	4°Ω26'56	
evening max el	-1522 Nov 16 j 19:10	1°♂48'54	19°46'28		-1521 Oct 18 j 23:16	0°℞	
retrograde	-1522 Nov 24 j 05:58	6°♂09'34		evening max el	-1521 Oct 30 j 20:26	15°℞16'06	20°49'51
asc. node	-1522 Nov 24 j 21:01	6°♂07'18		retrograde	-1521 Nov 08 j 03:28	20°℞10'51	
evening set	-1522 Nov 27 j 18:30	4°♂56'57		asc. node	-1521 Nov 11 j 18:04	18°℞56'30	
	-1522 Dec 02 j 11:47	30°℞℞		evening set	-1521 Nov 12 j 01:38	18°℞42'48	
inferior conj	-1522 Dec 03 j 06:56	28°℞57'19	2°36'38	inferior conj	-1521 Nov 17 j 11:08	12°℞32'36	1°52'29
minimum elong	-1522 Dec 03 j 04:05	29°℞06'43	2°35'44	minimum elong	-1521 Nov 17 j 08:49	12°℞40'32	1°51'37
min. Earth dist.	-1522 Dec 04 j 07:15	27°℞37'10	0.66508 AU	min. Earth dist.	-1521 Nov 17 j 23:27	11°℞50'31	0.67179 AU
morning rise	-1522 Dec 08 j 13:28	22°℞44'48		morning rise	-1521 Nov 22 j 15:49	6°℞18'27	
direct	-1522 Dec 14 j 13:52	20°℞05'28		direct	-1521 Nov 28 j 01:10	3°℞57'35	
morning max el	-1522 Dec 26 j 16:13	27°℞15'47	25°31'32	morning max el	-1521 Dec 09 j 00:49	10°℞30'47	24°07'38
	-1522 Dec 29 j 06:11	0°♂		desc. node	-1521 Dec 22 j 11:19	27°℞06'04	
desc. node	-1521 Jan 04 j 14:18	7°♂40'42			-1521 Dec 24 j 12:42	0°♂	
	-1521 Jan 19 j 22:47	0°♂			-1520 Jan 12 j 16:22	0°♂	
morning set	-1521 Jan 31 j 22:47	20°♂26'07		morning set	-1520 Jan 13 j 18:15	1°♂51'09	
max. Earth dist.	-1521 Feb 04 j 17:29	27°♂26'49	1.36252 AU	max. Earth dist.	-1520 Jan 17 j 13:46	8°♂33'23	1.38212 AU
	-1521 Feb 06 j 01:38	0°≈					
				superior conj	-1520 Jan 24 j 16:21	21°♂42'30	-1°49'20
superior conj	-1521 Feb 10 j 11:44	8°≈39'36	-1°31'48	minimum elong	-1520 Jan 24 j 19:26	21°♂57'14	1°49'08
minimum elong	-1521 Feb 10 j 15:19	8°≈57'29	1°31'23		-1520 Jan 28 j 23:05	0°≈	
evening rise	-1521 Feb 18 j 13:37	25°≈03'19		evening rise	-1520 Feb 02 j 12:09	8°≈57'09	
asc. node	-1521 Feb 20 j 20:23	29°≈38'05		asc. node	-1520 Feb 07 j 17:23	18°≈59'07	
	-1521 Feb 21 j 00:48	0°♂			-1520 Feb 14 j 08:08	0°♂	
evening max el	-1521 Mar 08 j 05:44	23°♂36'25	19°52'40	evening max el	-1520 Feb 19 j 02:17	5°♂43'19	18°57'56
retrograde	-1521 Mar 18 j 05:11	28°♂22'29		retrograde	-1520 Feb 27 j 12:55	9°♂47'09	
evening set	-1521 Mar 20 j 09:33	28°♂09'48		evening set	-1520 Feb 29 j 20:44	9°♂29'56	
inferior conj	-1521 Mar 29 j 03:09	24°♂08'21	1°13'30	inferior conj	-1520 Mar 08 j 20:01	5°♂13'59	2°41'51
minimum elong	-1521 Mar 29 j 06:12	24°♂03'39	1°12'29	minimum elong	-1520 Mar 09 j 00:37	5°♂05'48	2°40'41
min. Earth dist.	-1521 Mar 31 j 08:21	22°♂46'41	0.55716 AU	min. Earth dist.	-1520 Mar 12 j 00:20	2°♂59'29	0.57159 AU
desc. node	-1521 Apr 02 j 13:25	21°♂30'25		morning rise	-1520 Mar 17 j 01:35	0°♂09'13	
morning rise	-1521 Apr 07 j 00:38	19°♂35'51			-1520 Mar 17 j 10:53	30°℞≈	
direct	-1521 Apr 11 j 02:35	18°♂59'01		desc. node	-1520 Mar 19 j 10:28	29°≈23'19	
morning max el	-1521 Apr 24 j 23:33	25°♂53'45	24°10'02	direct	-1520 Mar 22 j 07:50	29°≈03'09	
	-1521 Apr 28 j 20:26	0°♂			-1520 Mar 27 j 05:33	0°♂	
	-1521 May 17 j 07:42	0°♂		morning max el	-1520 Apr 05 j 14:39	6°♂27'31	25°44'18
morning set	-1521 May 19 j 17:11	4°♂57'14			-1520 Apr 22 j 20:48	0°♂	
asc. node	-1521 May 19 j 19:43	5°♂10'32		morning set	-1520 May 03 j 04:58	19°♂56'28	
				asc. node	-1520 May 05 j 16:44	25°♂14'54	
					-1520 May 07 j 21:16	0°♂	
superior conj	-1521 May 26 j 18:13	20°♂05'45	1°07'13				
minimum elong	-1521 May 26 j 15:47	19°♂52'36	1°06'49	superior conj	-1520 May 10 j 04:58	5°♂04'21	0°45'58
max. Earth dist.	-1521 May 28 j 13:35	23°♂58'56	1.33291 AU	minimum elong	-1520 May 10 j 03:05	4°♂54'07	0°45'36
	-1521 May 31 j 09:52	0°♂		max. Earth dist.	-1520 May 10 j 23:30	6°♂45'37	1.32683 AU
evening rise	-1521 Jun 03 j 03:20	5°♂36'20		evening rise	-1520 May 17 j 06:56	20°♂14'00	
	-1521 Jun 16 j 11:24	0°☿			-1520 May 22 j 04:21	0°♂	
desc. node	-1521 Jun 29 j 12:38	18°☿45'59			-1520 Jun 09 j 19:49	0°☿	
evening max el	-1521 Jul 06 j 09:02	26°☿17'42	27°25'22	desc. node	-1520 Jun 15 j 09:41	6°☿33'04	
	-1521 Jul 10 j 18:22	0°Ω		evening max el	-1520 Jun 17 j 15:28	8°☿48'20	27°08'33
retrograde	-1521 Jul 20 j 01:32	3°Ω38'53		retrograde	-1520 Jul 01 j 13:34	16°☿07'45	
evening set	-1521 Jul 27 j 06:15	1°Ω00'22					

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening set	-1520 Jul 08 j 14:16	13° ☿ 51'45		min. Earth dist.	-1519 Jun 24 j 05:10	23° ♊ 32'28	0.59492 AU
min. Earth dist.	-1520 Jul 12 j 05:25	11° ☿ 06'29	0.61532 AU	inferior conj	-1519 Jun 27 j 13:40	20° ♊ 56'09	-4°35'17
inferior conj	-1520 Jul 15 j 09:03	8° ☿ 17'42	-4°20'00	minimum elong	-1519 Jun 27 j 14:08	20° ♊ 55'14	4°35'15
minimum elong	-1520 Jul 15 j 12:22	8° ☿ 10'16	4°19'32	morning rise	-1519 Jul 05 j 04:17	16° ♊ 23'17	
morning rise	-1520 Jul 22 j 12:03	3° ☿ 22'54		direct	-1519 Jul 07 j 16:26	16° ♊ 01'05	
direct	-1520 Jul 25 j 00:16	2° ☿ 56'31		morning max el	-1519 Jul 15 j 08:48	19° ♊ 42'30	18°22'30
morning max el	-1520 Jul 31 j 23:07	6° ☿ 24'35	17°59'03	asc. node	-1519 Jul 19 j 12:59	24° ♊ 37'21	
asc. node	-1520 Aug 01 j 15:56	7° ☿ 07'17			-1519 Jul 23 j 01:31	0° ☿	
	-1520 Aug 16 j 02:16	0° ♊		morning set	-1519 Jul 31 j 10:25	15° ☿ 14'24	
morning set	-1520 Aug 16 j 23:10	1° ♊ 35'37			-1519 Aug 08 j 05:19	0° ♊	
superior conj	-1520 Aug 27 j 09:55	20° ♊ 23'12	1°27'33	superior conj	-1519 Aug 09 j 15:42	2° ♊ 38'53	1°43'20
minimum elong	-1520 Aug 27 j 14:28	20° ♊ 43'03	1°27'09	minimum elong	-1519 Aug 09 j 18:00	2° ♊ 49'27	1°43'15
	-1520 Sep 02 j 00:55	0° ♊		max. Earth dist.	-1519 Aug 17 j 02:37	15° ♊ 55'23	1.40441 AU
max. Earth dist.	-1520 Sep 03 j 20:55	3° ♊ 02'59	1.42304 AU	evening rise	-1519 Aug 21 j 16:40	23° ♊ 39'42	
evening rise	-1520 Sep 10 j 09:03	13° ♊ 34'07			-1519 Aug 25 j 14:11	0° ♊	
desc. node	-1520 Sep 11 j 09:00	15° ♊ 08'37		desc. node	-1519 Aug 29 j 06:01	5° ♊ 46'11	
	-1520 Sep 21 j 02:01	0° ♊			-1519 Sep 14 j 23:59	0° ♊	
evening max el	-1520 Oct 12 j 15:46	28° ♊ 43'23	22°03'55	evening max el	-1519 Sep 25 j 06:19	12° ♊ 12'46	23°23'45
	-1520 Oct 13 j 23:14	0° ♊		retrograde	-1519 Oct 05 j 16:37	18° ♊ 22'39	
retrograde	-1520 Oct 21 j 23:30	4° ♊ 16'00		evening set	-1519 Oct 10 j 16:12	16° ♊ 18'36	
evening set	-1520 Oct 26 j 09:26	2° ♊ 30'34		min. Earth dist.	-1519 Oct 15 j 15:39	10° ♊ 28'25	0.67546 AU
asc. node	-1520 Oct 28 j 15:06	0° ♊ 17'04		asc. node	-1519 Oct 15 j 12:09	10° ♊ 40'24	
	-1520 Oct 28 j 20:53	30° ♊		inferior conj	-1519 Oct 16 j 00:27	9° ♊ 58'16	0°10'36
inferior conj	-1520 Oct 31 j 17:34	26° ♊ 13'27	1°03'16	minimum elong	-1519 Oct 16 j 00:11	9° ♊ 59'08	0°10'29
minimum elong	-1520 Oct 31 j 16:09	26° ♊ 18'22	1°02'40	transit middle	-1519 Oct 16 j 00:11	9° ♊ 59'08	0°10'29
min. Earth dist.	-1520 Oct 31 j 19:04	26° ♊ 08'15	0.67519 AU	transit begin	-1519 Oct 15 j 22:07	10° ♊ 06'14	
morning rise	-1520 Nov 05 j 22:42	20° ♊ 00'09		transit end	-1519 Oct 16 j 02:16	9° ♊ 52'01	
direct	-1520 Nov 10 j 16:57	18° ♊ 01'01		morning rise	-1519 Oct 21 j 08:05	3° ♊ 48'33	
morning max el	-1520 Nov 20 j 11:11	23° ♊ 49'04	22°40'16	direct	-1519 Oct 25 j 12:14	2° ♊ 11'25	
	-1520 Nov 25 j 21:48	0° ♊		morning max el	-1519 Nov 03 j 02:52	7° ♊ 14'40	21°17'47
desc. node	-1520 Dec 08 j 08:20	16° ♊ 59'30			-1519 Nov 20 j 09:07	0° ♊	
	-1520 Dec 16 j 23:22	0° ♊		desc. node	-1519 Nov 25 j 05:21	7° ♊ 13'13	
morning set	-1520 Dec 24 j 10:10	11° ♊ 53'31		morning set	-1519 Dec 03 j 21:56	20° ♊ 36'48	
max. Earth dist.	-1520 Dec 29 j 09:27	20° ♊ 11'58	1.40317 AU		-1519 Dec 09 j 18:52	0° ♊	
	-1519 Jan 04 j 00:26	0° ♊		max. Earth dist.	-1519 Dec 11 j 11:42	2° ♊ 46'35	1.42279 AU
superior conj	-1519 Jan 06 j 04:29	3° ♊ 53'57	-1°58'46	superior conj	-1519 Dec 18 j 18:41	15° ♊ 00'35	-1°56'02
minimum elong	-1519 Jan 06 j 05:29	3° ♊ 58'27	1°58'46	minimum elong	-1519 Dec 18 j 15:46	14° ♊ 48'04	1°55'56
evening rise	-1519 Jan 16 j 01:09	22° ♊ 18'02			-1519 Dec 27 j 06:59	0° ♊	
	-1519 Jan 20 j 03:36	0° ♊		evening rise	-1519 Dec 30 j 01:03	4° ♊ 58'17	
asc. node	-1519 Jan 24 j 14:24	7° ♊ 52'41		asc. node	-1518 Jan 11 j 11:26	26° ♊ 09'53	
evening max el	-1519 Feb 01 j 07:07	18° ♊ 21'27	18°23'18		-1518 Jan 14 j 10:38	0° ♊	
retrograde	-1519 Feb 08 j 15:19	21° ♊ 58'47		evening max el	-1518 Jan 15 j 17:13	1° ♊ 21'34	18°08'27
evening set	-1519 Feb 11 j 03:45	21° ♊ 34'26		retrograde	-1518 Jan 22 j 10:25	4° ♊ 48'04	
inferior conj	-1519 Feb 18 j 09:43	16° ♊ 58'17	3°33'57	evening set	-1518 Jan 25 j 02:53	4° ♊ 15'19	
minimum elong	-1519 Feb 18 j 12:46	16° ♊ 51'58	3°33'29		-1518 Jan 31 j 00:42	30° ♊	
min. Earth dist.	-1519 Feb 21 j 19:51	14° ♊ 09'43	0.59089 AU	inferior conj	-1518 Jan 31 j 18:39	29° ♊ 17'30	3°54'16
morning rise	-1519 Feb 25 j 19:28	11° ♊ 28'09		minimum elong	-1518 Jan 31 j 19:13	29° ♊ 16'07	3°54'14
direct	-1519 Mar 04 j 02:25	9° ♊ 43'51		min. Earth dist.	-1518 Feb 03 j 21:44	26° ♊ 19'25	0.61160 AU
desc. node	-1519 Mar 06 j 07:30	9° ♊ 56'29		morning rise	-1518 Feb 07 j 10:09	23° ♊ 30'18	
morning max el	-1519 Mar 18 j 09:30	17° ♊ 23'26	26°57'36	direct	-1518 Feb 14 j 07:25	21° ♊ 10'39	
	-1519 Mar 28 j 20:26	0° ♊		desc. node	-1518 Feb 21 j 04:33	23° ♊ 14'04	
	-1519 Apr 15 j 06:32	0° ♊		morning max el	-1518 Feb 28 j 10:35	28° ♊ 57'18	27°38'42
morning set	-1519 Apr 17 j 15:00	4° ♊ 49'54			-1518 Mar 01 j 11:27	0° ♊	
asc. node	-1519 Apr 22 j 13:46	15° ♊ 25'43			-1518 Mar 22 j 16:00	0° ♊	
				morning set	-1518 Apr 01 j 21:21	19° ♊ 29'43	
superior conj	-1519 Apr 24 j 16:44	20° ♊ 04'46	0°22'17		-1518 Apr 06 j 20:39	0° ♊	
minimum elong	-1519 Apr 24 j 15:45	19° ♊ 59'23	0°22'05	max. Earth dist.	-1518 Apr 08 j 00:33	2° ♊ 31'15	1.32540 AU
max. Earth dist.	-1519 Apr 24 j 12:26	19° ♊ 41'12	1.32434 AU				
	-1519 Apr 29 j 05:55	0° ♊		superior conj	-1518 Apr 09 j 03:48	4° ♊ 59'42	-0°03'06
evening rise	-1519 May 01 j 15:20	5° ♊ 05'15		minimum elong	-1518 Apr 09 j 03:56	5° ♊ 00'27	0°03'03
	-1519 May 14 j 22:04	0° ♊		behind sun begin	-1518 Apr 08 j 22:57	4° ♊ 33'14	
evening max el	-1519 May 30 j 16:04	20° ♊ 37'20	26°19'04	behind sun end	-1518 Apr 09 j 08:55	5° ♊ 27'41	
desc. node	-1519 Jun 02 j 06:42	22° ♊ 55'47		asc. node	-1518 Apr 09 j 10:47	5° ♊ 37'53	
retrograde	-1519 Jun 13 j 17:20	27° ♊ 52'44		evening rise	-1518 Apr 16 j 02:20	20° ♊ 01'16	
evening set	-1519 Jun 20 j 02:12	26° ♊ 11'42			-1518 Apr 20 j 23:53	0° ♊	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1518 May 10 j 17:02	0°♊		evening rise	-1517 Mar 31 j 14:07	4°♎55'24	
evening max el	-1518 May 12 j 10:14	1°♊43'36	25°02'09		-1517 Apr 14 j 03:26	0°♏	
desc. node	-1518 May 20 j 03:44	7°♊20'02		evening max el	-1517 Apr 24 j 01:12	12°♏23'20	23°29'35
retrograde	-1518 May 26 j 10:33	8°♊50'50		desc. node	-1517 May 07 j 00:47	19°♏09'42	
evening set	-1518 May 31 j 15:28	7°♊48'37		retrograde	-1517 May 07 j 15:37	19°♏10'34	
min. Earth dist.	-1518 Jun 05 j 22:02	4°♊58'39	0.57526 AU	evening set	-1517 May 11 j 10:35	18°♏38'57	
inferior conj	-1518 Jun 08 j 23:11	2°♊55'45	-4°21'02	min. Earth dist.	-1517 May 18 j 11:41	15°♏24'42	0.55959 AU
minimum elong	-1518 Jun 08 j 19:26	3°♊02'06	4°20'35	inferior conj	-1517 May 20 j 12:39	14°♏11'47	-3°26'06
	-1518 Jun 13 j 18:15	30°♋♏		minimum elong	-1517 May 20 j 05:58	14°♏21'47	3°24'27
morning rise	-1518 Jun 17 j 02:12	28°♋44'02		morning rise	-1517 May 29 j 04:11	10°♋14'49	
direct	-1518 Jun 19 j 15:21	28°♋24'58		direct	-1517 May 31 j 19:00	9°♋57'50	
	-1518 Jun 25 j 03:02	0°♊		morning max el	-1517 Jun 11 j 03:45	14°♋45'35	20°11'20
morning max el	-1518 Jun 28 j 11:09	2°♊32'17	19°06'32		-1517 Jun 22 j 05:58	0°♊	
asc. node	-1518 Jul 06 j 10:03	12°♊56'22		asc. node	-1517 Jun 23 j 07:08	1°♊52'55	
morning set	-1518 Jul 15 j 07:35	29°♊23'37		morning set	-1517 Jun 29 j 11:40	13°♊55'22	
	-1518 Jul 15 j 14:57	0°♑					
superior conj	-1518 Jul 23 j 16:03	15°♑51'01	1°48'04	superior conj	-1517 Jul 07 j 05:50	29°♊45'07	1°44'09
minimum elong	-1518 Jul 23 j 16:07	15°♑51'21	1°48'06	minimum elong	-1517 Jul 07 j 04:20	29°♊37'30	1°44'06
max. Earth dist.	-1518 Jul 30 j 05:27	28°♑08'02	1.38449 AU		-1517 Jul 07 j 08:48	0°♑	
	-1518 Jul 31 j 06:17	0°♒		max. Earth dist.	-1517 Jul 12 j 10:24	9°♑57'35	1.36578 AU
evening rise	-1518 Aug 03 j 01:39	4°♒57'39		evening rise	-1517 Jul 16 j 09:27	17°♑22'48	
desc. node	-1518 Aug 16 j 03:04	26°♒13'08			-1517 Jul 23 j 14:09	0°♒	
	-1518 Aug 18 j 15:32	0°♑		desc. node	-1517 Aug 03 j 00:06	16°♒23'52	
evening max el	-1518 Sep 07 j 18:07	25°♑45'16	24°42'56		-1517 Aug 12 j 22:43	0°♑	
	-1518 Sep 12 j 17:56	0°♒		evening max el	-1517 Aug 21 j 05:13	9°♑19'34	25°53'57
retrograde	-1518 Sep 19 j 05:55	2°♒27'18		retrograde	-1517 Sep 02 j 14:43	16°♑24'49	
evening set	-1518 Sep 24 j 20:16	0°♒05'02		evening set	-1517 Sep 08 j 19:42	13°♑47'24	
	-1518 Sep 24 j 22:35	30°♋♑		min. Earth dist.	-1517 Sep 13 j 01:58	9°♑08'18	0.66640 AU
min. Earth dist.	-1518 Sep 29 j 10:44	24°♑49'21	0.67256 AU	inferior conj	-1517 Sep 14 j 08:36	7°♑31'25	-1°38'49
inferior conj	-1518 Sep 30 j 06:04	23°♑45'04	-0°43'57	minimum elong	-1517 Sep 14 j 11:02	7°♑23'45	1°37'51
minimum elong	-1518 Sep 30 j 07:08	23°♑41'31	0°43'30	asc. node	-1517 Sep 19 j 06:18	2°♑12'43	
asc. node	-1518 Oct 02 j 09:12	21°♑00'25		morning rise	-1517 Sep 20 j 02:36	1°♑37'29	
morning rise	-1518 Oct 05 j 18:02	17°♑41'49		direct	-1517 Sep 23 j 08:05	0°♑37'27	
direct	-1518 Oct 09 j 09:47	16°♑24'49		morning max el	-1517 Sep 30 j 08:28	4°♑35'03	19°08'08
morning max el	-1518 Oct 17 j 02:02	20°♑50'31	20°05'59		-1517 Oct 18 j 06:53	0°♒	
	-1518 Oct 24 j 12:45	0°♒		morning set	-1517 Oct 23 j 01:52	7°♒30'01	
desc. node	-1518 Nov 12 j 02:24	27°♒41'18		desc. node	-1517 Oct 29 j 23:26	18°♒18'47	
morning set	-1518 Nov 12 j 19:09	28°♒46'01			-1517 Nov 06 j 09:56	0°♒	
	-1518 Nov 13 j 14:15	0°♒		max. Earth dist.	-1517 Nov 06 j 13:38	0°♒14'36	1.44731 AU
max. Earth dist.	-1518 Nov 23 j 21:59	16°♒13'57	1.43814 AU				
superior conj	-1518 Nov 29 j 06:16	24°♒52'20	-1°36'58	superior conj	-1517 Nov 08 j 16:44	3°♒36'26	-1°00'16
minimum elong	-1518 Nov 28 j 23:14	24°♒23'35	1°36'24	minimum elong	-1517 Nov 08 j 09:38	3°♒08'22	0°59'26
	-1518 Dec 02 j 09:01	0°♓		evening rise	-1517 Nov 23 j 16:22	27°♒44'16	
evening rise	-1518 Dec 12 j 07:36	16°♓50'02			-1517 Nov 25 j 01:28	0°♓	
	-1518 Dec 20 j 00:12	0°♓		evening max el	-1517 Dec 13 j 17:39	27°♓58'27	18°35'57
asc. node	-1518 Dec 29 j 08:29	13°♓40'01		asc. node	-1517 Dec 16 j 05:33	0°♓09'06	
evening max el	-1518 Dec 30 j 05:38	14°♓36'10	18°12'56		-1517 Dec 16 j 00:30	0°♓	
retrograde	-1517 Jan 05 j 17:51	18°♓05'02		retrograde	-1517 Dec 20 j 09:12	1°♓40'33	
evening set	-1517 Jan 08 j 14:17	17°♓23'05		evening set	-1517 Dec 23 j 10:31	0°♓48'14	
inferior conj	-1517 Jan 14 j 19:08	12°♓04'48	3°50'56		-1517 Dec 24 j 15:28	30°♋♓	
minimum elong	-1517 Jan 14 j 17:42	12°♓08'39	3°50'47	inferior conj	-1517 Dec 29 j 07:15	25°♓11'48	3°30'52
min. Earth dist.	-1517 Jan 17 j 08:46	9°♓19'13	0.63086 AU	minimum elong	-1517 Dec 29 j 04:40	25°♓19'27	3°30'23
morning rise	-1517 Jan 20 j 20:21	6°♓06'16		min. Earth dist.	-1517 Dec 31 j 05:45	22°♓53'48	0.64708 AU
direct	-1517 Jan 27 j 20:57	3°♓23'00		morning rise	-1516 Jan 03 j 22:24	19°♓05'48	
desc. node	-1517 Feb 08 j 01:36	8°♓44'30		direct	-1516 Jan 10 j 17:46	16°♓13'38	
morning max el	-1517 Feb 10 j 17:14	11°♓11'59	27°43'02	morning max el	-1516 Jan 24 j 02:39	23°♓57'36	27°12'42
	-1517 Feb 25 j 14:14	0°♐		desc. node	-1516 Jan 25 j 22:40	25°♓51'38	
	-1517 Mar 14 j 23:43	0°♐			-1516 Jan 29 j 13:42	0°♓	
morning set	-1517 Mar 16 j 21:48	3°♐48'27		morning set	-1516 Feb 18 j 22:22	0°♐	
max. Earth dist.	-1517 Mar 22 j 07:53	15°♐01'56	1.33023 AU	max. Earth dist.	-1516 Feb 28 j 13:23	17°♐36'18	
					-1516 Mar 04 j 06:21	27°♐00'35	1.33919 AU
					-1516 Mar 05 j 17:08	0°♐	
superior conj	-1517 Mar 24 j 12:30	19°♐43'30	-0°29'13	superior conj	-1516 Mar 07 j 16:53	4°♐09'37	-0°55'05
minimum elong	-1517 Mar 24 j 13:52	19°♐50'51	0°28'55	minimum elong	-1516 Mar 07 j 19:24	4°♐22'55	0°54'37
asc. node	-1517 Mar 27 j 07:51	25°♐47'24		asc. node	-1516 Mar 13 j 04:54	15°♐49'51	
	-1517 Mar 29 j 06:40	0°♑		evening rise	-1516 Mar 15 j 00:51	19°♐41'04	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1516 Mar 20 j 03:37	0°♿		superior conj	-1515 Feb 19 j 14:34	18°♊10'52	-1°19'19
evening max el	-1516 Apr 04 j 19:43	23°♿05'40	21°55'59	minimum elong	-1515 Feb 19 j 17:57	18°♊28'06	1°18'50
retrograde	-1516 Apr 17 j 09:25	29°♿13'28			-1515 Feb 25 j 07:51	0°♊	
evening set	-1516 Apr 20 j 01:17	28°♿57'40		evening rise	-1515 Feb 27 j 08:37	4°♊11'56	
desc. node	-1516 Apr 22 j 21:48	28°♿08'27		asc. node	-1515 Feb 28 j 01:56	5°♊40'34	
inferior conj	-1516 Apr 29 j 10:59	24°♿52'28	-1°49'17		-1515 Mar 14 j 03:56	0°♿	
minimum elong	-1516 Apr 29 j 06:03	24°♿59'24	1°47'37	evening max el	-1515 Mar 17 j 23:31	4°♿15'26	20°32'57
min. Earth dist.	-1516 Apr 29 j 01:05	25°♿06'24	0.55122 AU	retrograde	-1515 Mar 28 j 22:43	9°♿30'28	
morning rise	-1516 May 08 j 12:02	20°♿55'24		evening set	-1515 Mar 31 j 03:35	9°♿18'39	
direct	-1516 May 11 j 08:25	20°♿37'20		inferior conj	-1515 Apr 09 j 06:11	5°♿21'11	0°08'57
morning max el	-1516 May 23 j 09:27	26°♿17'14	21°35'05	minimum elong	-1515 Apr 09 j 06:36	5°♿20'35	0°08'48
	-1516 May 26 j 21:42	0°♿		transit middle	-1515 Apr 09 j 06:36	5°♿20'35	0°08'48
asc. node	-1516 Jun 09 j 04:13	21°♿17'46		transit begin	-1515 Apr 09 j 03:14	5°♿25'29	
morning set	-1516 Jun 12 j 20:20	28°♿43'11		transit end	-1515 Apr 09 j 09:59	5°♿15'41	
	-1516 Jun 13 j 11:08	0°♿		desc. node	-1515 Apr 09 j 18:51	5°♿02'47	
				min. Earth dist.	-1515 Apr 10 j 15:01	4°♿33'36	0.55229 AU
superior conj	-1516 Jun 20 j 05:03	14°♿09'19	1°33'37	morning rise	-1515 Apr 18 j 08:19	1°♿05'31	
minimum elong	-1516 Jun 20 j 02:41	13°♿57'02	1°33'24	direct	-1515 Apr 21 j 20:32	0°♿38'44	
max. Earth dist.	-1516 Jun 23 j 23:00	21°♿50'53	1.35005 AU	morning max el	-1515 May 05 j 05:26	7°♿10'00	23°12'09
evening rise	-1516 Jun 28 j 11:05	0°♿42'26			-1515 May 21 j 10:03	0°♿	
	-1516 Jun 28 j 02:15	0°♿		asc. node	-1515 May 27 j 01:16	11°♿02'39	
	-1516 Jul 15 j 15:01	0°♿		morning set	-1515 May 28 j 07:33	13°♿40'04	
desc. node	-1516 Jul 19 j 21:07	6°♿11'13					
evening max el	-1516 Aug 02 j 16:49	22°♿51'25	26°48'55	superior conj	-1515 Jun 04 j 10:30	28°♿52'49	1°18'02
	-1516 Aug 14 j 02:31	0°♿		minimum elong	-1515 Jun 04 j 07:57	28°♿39'08	1°17'40
retrograde	-1516 Aug 15 j 18:33	0°♿09'05			-1515 Jun 04 j 23:06	0°♿	
	-1516 Aug 17 j 09:23	30°♿09'05		max. Earth dist.	-1515 Jun 06 j 21:29	4°♿05'36	1.33809 AU
evening set	-1516 Aug 22 j 12:17	27°♿23'05		evening rise	-1515 Jun 12 j 01:42	14°♿41'33	
min. Earth dist.	-1516 Aug 26 j 11:04	23°♿21'31	0.65674 AU		-1515 Jun 20 j 05:38	0°♿	
inferior conj	-1516 Aug 28 j 06:07	21°♿14'41	-2°32'02	desc. node	-1515 Jul 06 j 18:08	25°♿24'15	
minimum elong	-1516 Aug 28 j 09:44	21°♿04'02	2°30'44		-1515 Jul 10 j 10:39	0°♿	
morning rise	-1516 Sep 03 j 07:40	15°♿33'05		evening max el	-1515 Jul 16 j 04:17	6°♿10'14	27°20'24
asc. node	-1516 Sep 05 j 03:22	14°♿52'51		retrograde	-1515 Jul 29 j 16:41	13°♿31'13	
direct	-1516 Sep 06 j 05:17	14°♿46'22		evening set	-1515 Aug 05 j 19:08	10°♿46'40	
morning max el	-1516 Sep 12 j 20:23	18°♿24'52	18°26'09	min. Earth dist.	-1515 Aug 09 j 11:50	7°♿20'53	0.64339 AU
	-1516 Sep 21 j 12:18	0°♿		inferior conj	-1515 Aug 11 j 20:12	4°♿49'25	-3°21'04
morning set	-1516 Oct 02 j 10:31	17°♿32'31		minimum elong	-1515 Aug 12 j 00:32	4°♿37'45	3°19'49
	-1516 Oct 10 j 04:00	0°♿			-1515 Aug 17 j 03:33	30°♿	
desc. node	-1516 Oct 15 j 20:28	9°♿02'21		morning rise	-1515 Aug 18 j 06:42	29°♿23'21	
				direct	-1515 Aug 20 j 22:54	28°♿46'32	
superior conj	-1516 Oct 17 j 16:44	11°♿57'06	-0°11'57	asc. node	-1515 Aug 23 j 00:26	29°♿08'35	
minimum elong	-1516 Oct 17 j 15:10	11°♿50'52	0°11'44		-1515 Aug 24 j 18:03	0°♿	
behind sun begin	-1516 Oct 17 j 07:16	11°♿19'43		morning max el	-1515 Aug 27 j 11:16	2°♿14'12	18°01'14
behind sun end	-1516 Oct 17 j 23:04	12°♿22'02		morning set	-1515 Sep 13 j 22:52	28°♿55'26	
max. Earth dist.	-1516 Oct 19 j 07:42	14°♿30'33	1.44937 AU		-1515 Sep 14 j 14:05	0°♿	
	-1516 Oct 29 j 04:27	0°♿		superior conj	-1515 Sep 27 j 04:29	20°♿55'55	0°35'39
evening rise	-1516 Nov 03 j 00:53	7°♿37'40		minimum elong	-1515 Sep 27 j 08:24	21°♿11'46	0°35'08
greatest brilliancy	-1516 Nov 13 j 03:52	23°♿30'36	-0.8m	max. Earth dist.	-1515 Oct 02 j 01:28	28°♿44'49	1.44415 AU
	-1516 Nov 17 j 10:12	0°♿		desc. node	-1515 Oct 02 j 17:29	29°♿48'25	
evening max el	-1516 Nov 26 j 02:56	11°♿24'41	19°16'15		-1515 Oct 02 j 20:25	0°♿	
asc. node	-1516 Dec 02 j 02:35	15°♿22'11		evening rise	-1515 Oct 13 j 13:06	16°♿42'15	
retrograde	-1516 Dec 03 j 04:53	15°♿28'55			-1515 Oct 22 j 05:40	0°♿	
evening set	-1516 Dec 06 j 12:44	14°♿24'27		greatest brilliancy	-1515 Oct 27 j 12:22	7°♿54'43	-0.6m
inferior conj	-1516 Dec 12 j 03:39	8°♿32'38	2°59'00	evening max el	-1515 Nov 09 j 07:33	24°♿52'14	20°12'00
minimum elong	-1516 Dec 12 j 00:43	8°♿42'01	2°58'12	retrograde	-1515 Nov 17 j 02:15	29°♿26'22	
min. Earth dist.	-1516 Dec 13 j 11:44	6°♿50'12	0.65961 AU	asc. node	-1515 Nov 18 j 23:37	29°♿05'51	
morning rise	-1516 Dec 17 j 12:26	2°♿21'50		evening set	-1515 Nov 20 j 18:39	28°♿07'32	
	-1516 Dec 21 j 08:04	30°♿		inferior conj	-1515 Nov 26 j 05:39	22°♿03'15	2°18'39
direct	-1516 Dec 23 j 20:51	29°♿34'30		minimum elong	-1515 Nov 26 j 02:58	22°♿12'15	2°17'43
	-1516 Dec 26 j 13:02	0°♿		min. Earth dist.	-1515 Nov 27 j 00:45	20°♿59'12	0.66838 AU
morning max el	-1515 Jan 05 j 12:09	7°♿01'19	26°14'15	morning rise	-1515 Dec 01 j 11:05	15°♿49'55	
desc. node	-1515 Jan 11 j 19:43	14°♿07'26		direct	-1515 Dec 07 j 05:21	13°♿17'31	
	-1515 Jan 23 j 09:31	0°♿		morning max el	-1515 Dec 18 j 20:38	20°♿13'09	24°56'53
	-1515 Feb 10 j 07:21	0°♿			-1515 Dec 27 j 06:26	0°♿	
morning set	-1515 Feb 10 j 16:08	0°♿40'57					
max. Earth dist.	-1515 Feb 14 j 17:04	8°♿23'44	1.35270 AU	desc. node	-1515 Dec 29 j 16:46	3°♿11'48	
					-1514 Jan 16 j 13:38	0°♿	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning set	-1514 Jan 24 j 00:50	12° Z 47'18				-1513 Jan 09 j 02:09	0° Z	
max. Earth dist.	-1514 Jan 27 j 17:03	19° Z 27'22	1.37047 AU	max. Earth dist.		-1513 Jan 09 j 12:29	0° Z 45'10	1.39106 AU
	-1514 Feb 02 j 06:21	0° \approx						
superior conj	-1514 Feb 03 j 02:33	1° \approx 38'43	-1°40'01	superior conj		-1513 Jan 17 j 00:45	14° Z 21'08	-1°54'34
minimum elong	-1514 Feb 03 j 06:05	1° \approx 56'00	1°39'41	minimum elong		-1513 Jan 17 j 03:11	14° Z 32'28	1°54'27
evening rise	-1514 Feb 11 j 11:16	18° \approx 21'47		evening rise		-1513 Jan 25 j 04:52	0° \approx	
asc. node	-1514 Feb 14 j 22:58	25° \approx 14'36		asc. node		-1513 Jan 26 j 06:08	2° \approx 02'30	
	-1514 Feb 17 j 11:31	0° X		evening max el		-1513 Feb 01 j 19:59	14° \approx 24'55	
evening max el	-1514 Feb 28 j 14:20	16° X 02'29	19°27'04			-1513 Feb 11 j 14:40	28° \approx 23'08	18°40'45
retrograde	-1514 Mar 09 j 20:47	20° X 28'24		retrograde		-1513 Feb 13 j 12:01	0° X	
evening set	-1514 Mar 12 j 02:26	20° X 14'06		evening set		-1513 Feb 19 j 12:37	2° X 13'56	
inferior conj	-1514 Mar 20 j 12:25	16° X 07'41	1°55'11			-1513 Feb 21 j 22:29	1° X 53'50	
minimum elong	-1514 Mar 20 j 16:37	16° X 00'50	1°53'55	inferior conj		-1513 Feb 26 j 00:44	30° R \approx	
min. Earth dist.	-1514 Mar 23 j 05:41	14° X 22'05	0.56249 AU	minimum elong		-1513 Mar 01 j 14:01	27° \approx 29'16	3°08'18
desc. node	-1514 Mar 27 j 15:53	11° X 56'53		minimum elong		-1513 Mar 01 j 18:12	27° \approx 21'18	3°07'25
morning rise	-1514 Mar 29 j 04:07	11° X 21'36		min. Earth dist.		-1513 Mar 04 j 22:33	24° \approx 57'50	0.57939 AU
direct	-1514 Apr 02 j 18:12	10° X 33'51		morning rise		-1513 Mar 09 j 11:16	22° \approx 12'49	
morning max el	-1514 Apr 16 j 20:24	17° X 42'40	24°51'40	desc. node		-1513 Mar 14 j 12:55	20° \approx 52'24	
	-1514 Apr 26 j 22:40	0° Y		direct		-1513 Mar 15 j 04:52	20° \approx 51'18	
morning set	-1514 May 12 j 19:38	28° Y 40'34		morning max el		-1513 Mar 29 j 12:35	28° \approx 22'44	26°18'55
	-1514 May 13 j 10:40	0° Z				-1513 Mar 31 j 03:06	0° X	
asc. node	-1514 May 13 j 22:18	1° Z 01'47		morning set		-1513 Apr 20 j 10:27	0° Y	
				asc. node		-1513 Apr 27 j 06:53	13° Y 38'12	
superior conj	-1514 May 19 j 19:54	13° Z 48'06	0°58'34			-1513 Apr 30 j 19:20	21° Y 09'25	
minimum elong	-1514 May 19 j 17:39	13° Z 35'54	0°58'11	superior conj				
max. Earth dist.	-1514 May 21 j 04:20	16° Z 43'54	1.32997 AU	minimum elong		-1513 May 04 j 07:16	28° Y 48'00	0°36'10
evening rise	-1514 May 27 j 01:29	29° Z 08'27		max. Earth dist.		-1513 May 04 j 05:44	28° Y 39'37	0°35'53
	-1514 May 27 j 11:37	0° II				-1513 May 04 j 16:10	29° Y 36'43	1.32538 AU
	-1514 Jun 13 j 09:00	0° E				-1513 May 04 j 20:25	0° Z	
desc. node	-1514 Jun 23 j 15:08	13° E 48'26		evening rise		-1513 May 11 j 07:24	13° Z 52'44	
evening max el	-1514 Jun 28 j 13:27	19° E 02'42	27°22'13			-1513 May 19 j 13:16	0° II	
retrograde	-1514 Jul 12 j 08:22	26° E 22'21				-1513 Jun 09 j 10:38	0° E	
evening set	-1514 Jul 19 j 12:42	23° E 52'00		evening max el		-1513 Jun 10 j 17:35	1° E 16'12	26°51'13
min. Earth dist.	-1514 Jul 23 j 02:35	20° E 55'30	0.62650 AU	desc. node		-1513 Jun 10 j 12:09	1° E 03'12	
inferior conj	-1514 Jul 25 j 23:58	18° E 09'00	-4°02'07	retrograde		-1513 Jun 24 j 16:54	8° E 33'45	
minimum elong	-1514 Jul 26 j 04:05	17° E 59'06	4°01'19	evening set		-1513 Jul 01 j 12:41	6° E 31'12	
morning rise	-1514 Aug 01 j 20:38	13° E 01'52		min. Earth dist.		-1513 Jul 05 j 07:07	3° E 50'58	0.60681 AU
direct	-1514 Aug 04 j 09:50	12° E 32'10		inferior conj		-1513 Jul 08 j 14:04	1° E 04'55	-4°29'19
asc. node	-1514 Aug 09 j 21:30	14° E 51'35		minimum elong		-1513 Jul 08 j 16:24	0° E 59'58	4°29'06
morning max el	-1514 Aug 11 j 02:25	15° E 57'09	17°54'24			-1513 Jul 09 j 21:13	30° R II	
	-1514 Aug 20 j 22:38	0° O		morning rise		-1513 Jul 15 j 21:55	26° II 19'31	
morning set	-1514 Aug 27 j 09:49	11° O 23'19		direct		-1513 Jul 18 j 10:04	25° II 54'58	
	-1514 Sep 07 j 01:07	0° P		morning max el		-1513 Jul 25 j 15:00	29° II 26'53	18°06'36
						-1513 Jul 26 j 04:18	0° E	
superior conj	-1514 Sep 07 j 18:05	1° P 11'58	1°12'33	asc. node		-1513 Jul 27 j 18:33	1° E 47'04	
minimum elong	-1514 Sep 07 j 23:21	1° P 34'17	1°11'58	morning set		-1513 Aug 10 j 13:37	24° E 40'03	
max. Earth dist.	-1514 Sep 14 j 16:08	12° P 40'00	1.43233 AU			-1513 Aug 13 j 10:16	0° O	
desc. node	-1514 Sep 19 j 14:30	20° P 33'58		superior conj				
evening rise	-1514 Sep 22 j 19:12	25° P 34'44		minimum elong		-1513 Aug 20 j 10:37	12° O 48'31	1°35'45
	-1514 Sep 25 j 15:48	0° Q		max. Earth dist.		-1513 Aug 20 j 14:18	13° O 04'52	1°35'30
	-1514 Oct 16 j 06:53	0° M				-1513 Aug 28 j 01:16	25° O 58'53	1.41545 AU
evening max el	-1514 Oct 23 j 06:19	8° M 19'36	21°20'21			-1513 Aug 30 j 11:15	0° P	
retrograde	-1514 Oct 31 j 23:12	13° M 29'40		evening rise		-1513 Sep 02 j 13:44	5° P 03'24	
evening set	-1514 Nov 05 j 02:15	11° M 54'16		desc. node		-1513 Sep 06 j 11:31	11° P 15'48	
asc. node	-1514 Nov 05 j 20:39	11° M 15'15				-1513 Sep 18 j 22:54	0° Q	
inferior conj	-1514 Nov 10 j 10:59	5° M 40'47	1°32'07	evening max el		-1513 Oct 05 j 23:21	21° Q 47'40	22°37'26
minimum elong	-1514 Nov 10 j 09:01	5° M 47'36	1°31'19	retrograde		-1513 Oct 15 j 18:14	27° Q 36'36	
min. Earth dist.	-1514 Nov 10 j 18:33	5° M 14'45	0.67367 AU	evening set		-1513 Oct 20 j 09:50	25° Q 43'05	
	-1514 Nov 15 j 01:16	30° R Q		asc. node		-1513 Oct 23 j 17:41	22° Q 06'44	
morning rise	-1514 Nov 15 j 15:37	29° Q 26'58		inferior conj		-1513 Oct 25 j 17:50	19° Q 23'56	0°41'16
direct	-1514 Nov 20 j 18:31	27° Q 15'14		minimum elong		-1513 Oct 25 j 16:53	19° Q 27'14	0°40'50
	-1514 Nov 27 j 07:50	0° M		min. Earth dist.		-1513 Oct 25 j 14:50	19° Q 34'19	0.67569 AU
morning max el	-1514 Dec 01 j 05:31	3° M 28'59	23°30'25	morning rise		-1513 Oct 30 j 23:49	13° Q 12'00	
desc. node	-1514 Dec 16 j 13:47	22° M 50'12		direct		-1513 Nov 04 j 11:48	11° Q 22'36	
	-1514 Dec 21 j 11:42	0° Z		morning max el		-1513 Nov 13 j 17:58	16° Q 51'06	22°04'14
morning set	-1513 Jan 05 j 09:05	23° Z 37'47				-1513 Nov 24 j 10:52	0° M	
				desc. node		-1513 Dec 03 j 10:50	12° M 53'25	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1513 Dec 14 j 14:17	0°♊		direct	-1512 Oct 18 j 08:12	25°♐34'38	
morning set	-1513 Dec 16 j 12:28	3°♊04'29			-1512 Oct 26 j 04:15	0°♊	
max. Earth dist.	-1513 Dec 22 j 10:47	12°♊48'01	1.41188 AU	morning max el	-1512 Oct 26 j 12:46	0°♊21'21	20°45'38
					-1512 Nov 17 j 04:51	0°♐	
superior conj	-1513 Dec 30 j 04:11	26°♊06'16	-1°59'21	desc. node	-1512 Nov 19 j 07:53	3°♐13'56	
minimum elong	-1513 Dec 30 j 03:43	26°♊04'11	1°59'22	morning set	-1512 Nov 24 j 15:24	11°♐25'20	
	-1512 Jan 01 j 08:34	0°♊		max. Earth dist.	-1512 Dec 03 j 15:55	25°♐44'10	1.42996 AU
evening rise	-1512 Jan 09 j 14:04	15°♊07'17			-1512 Dec 06 j 06:40	0°♊	
	-1512 Jan 17 j 19:52	0°♊					
asc. node	-1512 Jan 19 j 17:00	3°♊04'10		superior conj	-1512 Dec 10 j 07:24	6°♊41'28	-1°50'07
evening max el	-1512 Jan 25 j 22:00	11°♊10'55	18°14'32	minimum elong	-1512 Dec 10 j 02:33	6°♊21'08	1°49'52
retrograde	-1512 Feb 01 j 22:42	14°♊42'18		evening rise	-1512 Dec 22 j 07:07	27°♊27'46	
evening set	-1512 Feb 04 j 12:46	14°♊14'36			-1512 Dec 23 j 17:26	0°♊	
inferior conj	-1512 Feb 11 j 12:16	9°♊29'08	3°45'59	asc. node	-1511 Jan 05 j 14:02	21°♊02'53	
minimum elong	-1512 Feb 11 j 14:16	9°♊24'43	3°45'46	evening max el	-1511 Jan 08 j 09:25	24°♊18'02	18°08'04
min. Earth dist.	-1512 Feb 14 j 20:31	6°♊33'23	0.59967 AU	retrograde	-1511 Jan 14 j 23:30	27°♊44'06	
morning rise	-1512 Feb 18 j 13:48	3°♊50'26		evening set	-1511 Jan 17 j 17:31	27°♊07'42	
direct	-1512 Feb 25 j 03:59	1°♊50'13		inferior conj	-1511 Jan 24 j 04:17	22°♊01'16	3°55'15
desc. node	-1512 Feb 29 j 09:58	2°♊37'14		minimum elong	-1511 Jan 24 j 03:55	22°♊02'12	3°55'13
morning max el	-1512 Mar 10 j 10:15	9°♊34'09	27°19'32	min. Earth dist.	-1511 Jan 27 j 02:17	19°♊05'46	0.62008 AU
	-1512 Mar 26 j 03:29	0°♋		morning rise	-1511 Jan 30 j 13:10	16°♊08'34	
morning set	-1512 Apr 10 j 15:37	28°♋26'39		direct	-1511 Feb 06 j 13:09	13°♊36'42	
	-1512 Apr 11 j 09:31	0°♋		desc. node	-1511 Feb 15 j 07:03	16°♊55'37	
asc. node	-1512 Apr 16 j 16:23	11°♋21'11		morning max el	-1511 Feb 20 j 13:54	21°♊25'56	27°45'02
max. Earth dist.	-1512 Apr 17 j 05:10	12°♋31'08	1.32429 AU		-1511 Feb 28 j 01:50	0°♋	
					-1511 Mar 19 j 03:38	0°♋	
superior conj	-1512 Apr 17 j 18:56	13°♋46'31	0°11'41	morning set	-1511 Mar 25 j 19:47	12°♋58'51	
minimum elong	-1512 Apr 17 j 18:25	13°♋43'38	0°11'35	max. Earth dist.	-1511 Mar 31 j 15:33	25°♋13'48	1.32686 AU
behind sun begin	-1512 Apr 17 j 14:58	13°♋24'48					
behind sun end	-1512 Apr 17 j 21:51	14°♋02'28		superior conj	-1511 Apr 02 j 05:15	28°♋37'57	-0°14'07
evening rise	-1512 Apr 24 j 17:08	28°♋46'23		minimum elong	-1511 Apr 02 j 05:54	28°♋41'30	0°13'59
	-1512 Apr 25 j 07:09	0°♌		behind sun begin	-1511 Apr 02 j 03:28	28°♋28'17	
	-1512 May 12 j 02:22	0°♌		behind sun end	-1511 Apr 02 j 08:20	28°♋54'43	
evening max el	-1512 May 22 j 15:03	12°♌45'13	25°49'06		-1511 Apr 02 j 20:21	0°♌	
desc. node	-1512 May 27 j 09:11	16°♌39'59		asc. node	-1511 Apr 03 j 13:26	1°♌32'59	
retrograde	-1512 Jun 05 j 16:44	19°♌58'55		evening rise	-1511 Apr 09 j 04:42	13°♌42'34	
evening set	-1512 Jun 11 j 15:05	18°♌34'17			-1511 Apr 17 j 10:37	0°♌	
min. Earth dist.	-1512 Jun 16 j 03:27	15°♌52'32	0.58624 AU	evening max el	-1511 May 04 j 07:17	23°♌38'05	24°24'00
inferior conj	-1512 Jun 19 j 10:51	13°♌27'37	-4°33'37	desc. node	-1511 May 14 j 06:13	0°♌03'14	
minimum elong	-1512 Jun 19 j 09:37	13°♌29'54	4°33'33		-1511 May 14 j 02:01	0°♌	
morning rise	-1512 Jun 27 j 06:43	9°♌04'29		retrograde	-1511 May 18 j 05:23	0°♌39'17	
direct	-1512 Jun 29 j 19:06	8°♌43'52			-1511 May 22 j 09:38	30°♌	
morning max el	-1512 Jul 07 j 22:01	12°♌34'29	18°38'44	evening set	-1511 May 22 j 19:37	29°♌51'58	
asc. node	-1512 Jul 13 j 15:38	19°♌39'39		min. Earth dist.	-1511 May 28 j 18:56	26°♌52'52	0.56780 AU
	-1512 Jul 19 j 17:48	0°♍		inferior conj	-1511 May 31 j 11:48	25°♌09'38	-4°03'17
morning set	-1512 Jul 24 j 05:30	8°♍32'48		minimum elong	-1511 May 31 j 06:25	25°♌18'16	4°02'20
				morning rise	-1511 Jun 08 j 20:12	21°♌05'14	
superior conj	-1512 Aug 02 j 01:02	25°♍30'34	1°46'33	direct	-1511 Jun 11 j 09:41	20°♌47'21	
minimum elong	-1512 Aug 02 j 02:20	25°♍36'39	1°46'32	morning max el	-1511 Jun 20 j 20:34	25°♌10'42	19°31'34
	-1512 Aug 04 j 11:01	0°♍			-1511 Jun 25 j 03:04	0°♌	
max. Earth dist.	-1512 Aug 09 j 04:51	8°♍31'53	1.39589 AU	asc. node	-1511 Jun 30 j 12:44	8°♌16'31	
evening rise	-1512 Aug 13 j 08:05	15°♍39'27		morning set	-1511 Jul 08 j 06:00	22°♌53'02	
	-1512 Aug 22 j 04:17	0°♎			-1511 Jul 11 j 18:53	0°♍	
desc. node	-1512 Aug 23 j 08:33	1°♎49'30					
	-1512 Sep 12 j 16:20	0°♎		superior conj	-1511 Jul 16 j 07:43	9°♍02'43	1°47'20
evening max el	-1512 Sep 17 j 12:16	5°♎17'48	23°57'53	minimum elong	-1511 Jul 16 j 07:01	8°♍59'19	1°47'20
retrograde	-1512 Sep 28 j 10:00	11°♎43'06		max. Earth dist.	-1511 Jul 22 j 07:34	20°♍30'56	1.37628 AU
evening set	-1512 Oct 03 j 15:42	9°♎31'06		evening rise	-1511 Jul 26 j 03:26	27°♍28'24	
min. Earth dist.	-1512 Oct 08 j 11:09	3°♎55'09	0.67459 AU		-1511 Jul 27 j 13:47	0°♎	
inferior conj	-1512 Oct 09 j 00:24	3°♎10'11	-0°12'24	desc. node	-1511 Aug 10 j 05:34	22°♎10'31	
minimum elong	-1512 Oct 09 j 00:42	3°♎09'10	0°12'17		-1511 Aug 15 j 14:37	0°♎	
transit middle	-1512 Oct 09 j 00:42	3°♎09'10	0°12'17	evening max el	-1511 Aug 30 j 23:40	18°♎52'05	25°14'35
transit begin	-1512 Oct 08 j 22:54	3°♎15'15		retrograde	-1511 Sep 11 j 21:31	25°♎45'21	
transit end	-1512 Oct 09 j 02:29	3°♎03'06		evening set	-1511 Sep 17 j 18:03	23°♎16'24	
asc. node	-1512 Oct 09 j 14:46	2°♎21'34		min. Earth dist.	-1511 Sep 22 j 05:02	18°♎15'43	0.67038 AU
	-1512 Oct 11 j 10:40	30°♎		inferior conj	-1511 Sep 23 j 04:58	16°♎57'34	-1°07'18
morning rise	-1512 Oct 14 j 09:40	27°♎02'43		minimum elong	-1511 Sep 23 j 06:37	16°♎52'11	1°06'36

































































































































Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

asc. node	-1511 Sep 26 j 11:52	12° \mathbb{M} 58'05			-1510 Sep 07 j 19:48	30° \mathbb{R} \mathcal{O}	
morning rise	-1511 Sep 28 j 19:17	10° \mathbb{M} 57'36		morning rise	-1510 Sep 13 j 02:40	24° \mathcal{O} 54'08	
direct	-1511 Oct 02 j 06:24	9° \mathbb{M} 48'09		asc. node	-1510 Sep 13 j 08:57	24° \mathcal{O} 45'21	
morning max el	-1511 Oct 09 j 15:04	14° \mathbb{M} 00'54	19°39'22	direct	-1510 Sep 16 j 04:36	24° \mathcal{O} 00'01	
	-1511 Oct 21 j 16:40	0° \mathcal{O}		morning max el	-1510 Sep 23 j 00:02	27° \mathcal{O} 48'07	18°48'11
morning set	-1511 Nov 03 j 13:38	19° \mathcal{O} 40'44			-1510 Sep 24 j 23:42	0° \mathbb{M}	
desc. node	-1511 Nov 06 j 04:56	23° \mathcal{O} 46'28		morning set	-1510 Oct 14 j 06:28	28° \mathbb{M} 56'30	
	-1511 Nov 10 j 04:39	0° \mathbb{M}			-1510 Oct 14 j 22:29	0° \mathcal{O}	
max. Earth dist.	-1511 Nov 16 j 04:28	9° \mathbb{M} 26'43	1.44293 AU	desc. node	-1510 Oct 24 j 01:57	14° \mathcal{O} 27'07	
superior conj	-1511 Nov 20 j 07:28	16° \mathbb{M} 02'01	-1°23'24	superior conj	-1510 Oct 30 j 10:56	24° \mathcal{O} 29'05	-0°40'31
minimum elong	-1511 Nov 19 j 23:39	15° \mathbb{M} 30'36	1°22'38	minimum elong	-1510 Oct 30 j 05:43	24° \mathcal{O} 08'33	0°39'51
	-1511 Nov 28 j 20:48	0° \mathcal{O}		max. Earth dist.	-1510 Oct 29 j 22:04	23° \mathcal{O} 38'26	1.44917 AU
evening rise	-1511 Dec 04 j 04:49	8° \mathcal{O} 55'27			-1510 Nov 02 j 22:55	0° \mathbb{M}	
	-1511 Dec 17 j 00:26	0° \mathcal{O}		evening rise	-1510 Nov 15 j 03:20	19° \mathbb{M} 24'12	
evening max el	-1511 Dec 22 j 22:02	7° \mathcal{O} 36'56	18°20'35		-1510 Nov 21 j 17:24	0° \mathcal{O}	
asc. node	-1511 Dec 23 j 11:05	8° \mathcal{O} 09'01		evening max el	-1510 Dec 06 j 09:13	21° \mathcal{O} 01'58	18°51'04
retrograde	-1511 Dec 29 j 10:36	11° \mathcal{O} 09'50		asc. node	-1510 Dec 10 j 08:08	24° \mathcal{O} 08'14	
evening set	-1510 Jan 01 j 09:02	10° \mathcal{O} 23'35		retrograde	-1510 Dec 13 j 04:11	24° \mathcal{O} 52'09	
inferior conj	-1510 Jan 07 j 10:08	4° \mathcal{O} 57'30	3°44'05	evening set	-1510 Dec 16 j 08:10	23° \mathcal{O} 54'43	
minimum elong	-1510 Jan 07 j 08:07	5° \mathcal{O} 03'11	3°43'49	inferior conj	-1510 Dec 22 j 02:09	18° \mathcal{O} 11'15	3°18'33
min. Earth dist.	-1510 Jan 09 j 17:26	2° \mathcal{O} 22'12	0.63825 AU	minimum elong	-1510 Dec 21 j 23:20	18° \mathcal{O} 19'54	3°17'55
	-1510 Jan 12 j 01:06	30° \mathbb{R} \mathcal{O}		min. Earth dist.	-1510 Dec 23 j 18:16	16° \mathcal{O} 08'06	0.65291 AU
morning rise	-1510 Jan 13 j 06:36	28° \mathcal{O} 55'41		morning rise	-1510 Dec 27 j 14:12	12° \mathcal{O} 03'09	
direct	-1510 Jan 20 j 06:03	26° \mathcal{O} 06'35		direct	-1509 Jan 03 j 05:29	9° \mathcal{O} 11'50	
	-1510 Jan 29 j 11:57	0° \mathcal{O}		morning max el	-1509 Jan 16 j 07:28	16° \mathcal{O} 49'15	26°50'48
desc. node	-1510 Feb 02 j 04:07	3° \mathcal{O} 11'02		desc. node	-1509 Jan 20 j 01:09	20° \mathcal{O} 50'33	
morning max el	-1510 Feb 02 j 21:48	3° \mathcal{O} 54'15	27°34'01		-1509 Jan 27 j 07:47	0° \mathcal{O}	
	-1510 Feb 22 j 13:38	0° \mathcal{O}			-1509 Feb 15 j 09:39	0° \mathcal{O}	
morning set	-1510 Mar 09 j 16:49	27° \mathcal{O} 05'25		morning set	-1509 Feb 21 j 03:26	10° \mathcal{O} 36'21	
	-1510 Mar 11 j 03:43	0° \mathcal{O}		max. Earth dist.	-1509 Feb 25 j 13:14	19° \mathcal{O} 15'28	1.34446 AU
max. Earth dist.	-1510 Mar 14 j 19:23	7° \mathcal{O} 31'15	1.33347 AU				
superior conj	-1510 Mar 17 j 12:21	13° \mathcal{O} 15'05	-0°40'17	superior conj	-1509 Mar 01 j 14:10	27° \mathcal{O} 31'37	-1°05'39
minimum elong	-1510 Mar 17 j 14:13	13° \mathcal{O} 25'07	0°39'55	minimum elong	-1509 Mar 01 j 17:07	27° \mathcal{O} 46'56	1°05'10
asc. node	-1510 Mar 21 j 10:27	21° \mathcal{O} 39'59			-1509 Mar 02 j 18:37	0° \mathcal{O}	
evening rise	-1510 Mar 24 j 16:14	28° \mathcal{O} 33'51		asc. node	-1509 Mar 08 j 07:29	11° \mathcal{O} 38'10	
	-1510 Mar 25 j 08:41	0° \mathcal{O}		evening rise	-1509 Mar 09 j 01:56	13° \mathcal{O} 14'17	
	-1510 Apr 12 j 00:59	0° \mathcal{O}			-1509 Mar 17 j 18:13	0° \mathcal{O}	
evening max el	-1510 Apr 15 j 23:04	4° \mathcal{O} 15'44	22°49'12	evening max el	-1509 Mar 28 j 20:56	15° \mathcal{O} 06'49	21°18'45
retrograde	-1510 Apr 29 j 04:49	10° \mathcal{O} 47'48		retrograde	-1509 Apr 09 j 18:59	20° \mathcal{O} 52'46	
desc. node	-1510 May 01 j 03:16	10° \mathcal{O} 39'30		evening set	-1509 Apr 12 j 04:32	20° \mathcal{O} 39'33	
evening set	-1510 May 02 j 10:37	10° \mathcal{O} 24'49		desc. node	-1509 Apr 18 j 00:17	18° \mathcal{O} 34'06	
min. Earth dist.	-1510 May 10 j 08:15	6° \mathcal{O} 56'49	0.55497 AU	inferior conj	-1509 Apr 21 j 12:50	16° \mathcal{O} 39'39	-0°59'44
inferior conj	-1510 May 11 j 17:47	6° \mathcal{O} 08'38	-2°49'31	minimum elong	-1509 Apr 21 j 10:02	16° \mathcal{O} 43'37	0°58'44
minimum elong	-1510 May 11 j 11:10	6° \mathcal{O} 18'10	2°47'37	min. Earth dist.	-1509 Apr 21 j 21:24	16° \mathcal{O} 27'37	0.55055 AU
morning rise	-1510 May 20 j 13:56	2° \mathcal{O} 13'34		morning rise	-1509 Apr 30 j 15:46	12° \mathcal{O} 37'15	
direct	-1510 May 23 j 06:31	1° \mathcal{O} 56'33		direct	-1509 May 03 j 17:33	12° \mathcal{O} 16'41	
morning max el	-1510 Jun 03 j 08:24	7° \mathcal{O} 05'48	20°44'50	morning max el	-1509 May 16 j 09:26	18° \mathcal{O} 18'35	22°15'21
asc. node	-1510 Jun 17 j 09:47	27° \mathcal{O} 26'01			-1509 May 25 j 19:12	0° \mathcal{O}	
	-1510 Jun 18 j 17:56	0° \mathbb{I}		asc. node	-1509 Jun 04 j 06:49	16° \mathcal{O} 59'48	
morning set	-1510 Jun 22 j 12:17	7° \mathbb{I} 32'21		morning set	-1509 Jun 06 j 22:13	22° \mathcal{O} 24'24	
					-1509 Jun 10 j 12:38	0° \mathbb{I}	
superior conj	-1510 Jun 30 j 01:54	23° \mathbb{I} 10'31	1°40'23	superior conj	-1509 Jun 14 j 04:02	7° \mathbb{I} 43'23	1°27'32
minimum elong	-1510 Jun 29 j 23:57	23° \mathbb{I} 00'31	1°40'16	minimum elong	-1509 Jun 14 j 01:31	7° \mathbb{I} 30'08	1°27'15
	-1510 Jul 03 j 11:07	0° \mathcal{O}		max. Earth dist.	-1509 Jun 17 j 08:29	14° \mathbb{I} 21'41	1.34449 AU
max. Earth dist.	-1510 Jul 04 j 15:32	2° \mathcal{O} 20'09	1.35871 AU	evening rise	-1509 Jun 22 j 03:04	23° \mathbb{I} 55'36	
evening rise	-1510 Jul 08 j 19:27	10° \mathcal{O} 18'26			-1509 Jun 25 j 07:32	0° \mathcal{O}	
	-1510 Jul 20 j 03:11	0° \mathcal{O}			-1509 Jul 13 j 16:51	0° \mathcal{O}	
desc. node	-1510 Jul 28 j 02:35	12° \mathcal{O} 12'20		desc. node	-1509 Jul 14 j 23:36	1° \mathcal{O} 46'20	
	-1510 Aug 11 j 01:30	0° \mathbb{M}		evening max el	-1509 Jul 26 j 22:50	15° \mathcal{O} 54'27	27°05'34
evening max el	-1510 Aug 13 j 11:11	2° \mathbb{M} 27'12	26°19'46	retrograde	-1509 Aug 09 j 05:21	23° \mathcal{O} 13'59	
retrograde	-1510 Aug 26 j 04:05	9° \mathbb{M} 38'06		evening set	-1509 Aug 16 j 03:39	20° \mathcal{O} 27'00	
evening set	-1510 Sep 01 j 14:51	6° \mathbb{M} 56'19		min. Earth dist.	-1509 Aug 19 j 23:34	16° \mathcal{O} 41'25	0.65153 AU
min. Earth dist.	-1510 Sep 05 j 17:58	2° \mathbb{M} 33'04	0.66279 AU	inferior conj	-1509 Aug 22 j 00:16	14° \mathcal{O} 23'14	-2°53'32
inferior conj	-1510 Sep 07 j 05:39	0° \mathbb{M} 43'21	-2°01'43	minimum elong	-1509 Aug 22 j 04:16	14° \mathcal{O} 11'51	2°52'13
minimum elong	-1510 Sep 07 j 08:37	0° \mathbb{M} 34'14	2°00'33	morning rise	-1509 Aug 28 j 05:29	8° \mathcal{O} 48'03	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

direct	-1509 Aug 31 j 00:34	8°Ω05'52		evening set	-1508 Jul 29 j 05:23	3°Ω43'59	
asc. node	-1509 Aug 31 j 06:01	8°Ω06'09		min. Earth dist.	-1508 Aug 01 j 20:06	0°Ω32'08	0.63654 AU
morning max el	-1509 Sep 06 j 13:34	11°Ω38'24	18°13'29		-1508 Aug 02 j 08:52	30°℞☿	
	-1509 Sep 19 j 08:12	0°℞		inferior conj	-1508 Aug 04 j 10:20	27°☿52'23	-3°39'45
morning set	-1509 Sep 25 j 03:19	9°℞34'47		minimum elong	-1508 Aug 04 j 14:43	27°☿41'05	3°38'40
	-1509 Oct 07 j 16:28	0°♄		morning rise	-1508 Aug 11 j 01:03	22°☿34'21	
				direct	-1508 Aug 13 j 15:38	22°☿00'58	
superior conj	-1509 Oct 09 j 13:21	2°♄58'47	0°09'07	asc. node	-1508 Aug 17 j 03:03	23°☿00'47	
minimum elong	-1509 Oct 09 j 14:30	3°♄03'19	0°08'57	morning max el	-1508 Aug 20 j 05:00	25°☿26'30	17°56'11
behind sun begin	-1509 Oct 09 j 05:15	2°♄26'33			-1508 Aug 24 j 00:13	0°Ω	
behind sun end	-1509 Oct 09 j 23:45	3°♄40'03		morning set	-1508 Sep 06 j 02:02	21°Ω27'35	
desc. node	-1509 Oct 10 j 22:58	5°♄12'07			-1508 Sep 11 j 00:54	0°℞	
max. Earth dist.	-1509 Oct 12 j 16:51	7°♄57'39	1.44802 AU				
evening rise	-1509 Oct 26 j 02:15	28°♄54'37		superior conj	-1508 Sep 18 j 11:23	12°℞29'07	0°52'54
	-1509 Oct 26 j 19:04	0°♄		minimum elong	-1508 Sep 18 j 16:24	12°℞49'42	0°52'17
greatest brilliancy	-1509 Nov 07 j 06:25	17°♄41'26	-0.7m	max. Earth dist.	-1508 Sep 24 j 09:23	22°℞05'17	1.43979 AU
	-1509 Nov 15 j 21:09	0°♄		desc. node	-1508 Sep 26 j 20:00	25°℞58'40	
evening max el	-1509 Nov 19 j 16:38	4°♄28'40	19°38'07		-1508 Sep 29 j 09:14	0°♄	
retrograde	-1509 Nov 27 j 00:59	8°♄45'00		evening rise	-1508 Oct 04 j 09:40	7°♄48'27	
asc. node	-1509 Nov 27 j 05:11	8°♄44'49			-1508 Oct 19 j 02:53	0°♄	
evening set	-1509 Nov 30 j 12:13	7°♄34'34		evening max el	-1508 Nov 01 j 18:47	17°♄56'05	20°39'37
inferior conj	-1509 Dec 06 j 01:14	1°♄36'46	2°42'46	retrograde	-1508 Nov 09 j 22:32	22°♄45'23	
minimum elong	-1509 Dec 05 j 22:20	1°♄46'14	2°41'52	asc. node	-1508 Nov 13 j 02:14	21°♄48'25	
min. Earth dist.	-1509 Dec 07 j 03:30	0°♄10'48	0.66379 AU	evening set	-1508 Nov 13 j 19:05	21°♄19'54	
	-1509 Dec 07 j 06:50	30°℞♄		inferior conj	-1508 Nov 19 j 04:56	15°♄11'07	1°59'34
morning rise	-1509 Dec 11 j 08:15	25°♄24'32		minimum elong	-1508 Nov 19 j 02:31	15°♄19'23	1°58'39
direct	-1509 Dec 17 j 10:44	22°♄42'54		min. Earth dist.	-1508 Nov 19 j 19:00	14°♄23'17	0.67105 AU
morning max el	-1509 Dec 29 j 16:45	29°♄58'07	25°43'05	morning rise	-1508 Nov 24 j 09:44	8°♄57'00	
	-1509 Dec 29 j 17:30	0°♄		direct	-1508 Nov 29 j 21:25	6°♄32'55	
desc. node	-1508 Jan 06 j 22:12	9°♄28'56		morning max el	-1508 Dec 11 j 01:16	13°♄12'26	24°20'30
	-1508 Jan 21 j 05:40	0°♄		desc. node	-1508 Dec 23 j 19:15	28°♄49'18	
morning set	-1508 Feb 03 j 23:11	23°♄17'57			-1508 Dec 24 j 15:38	0°♄	
	-1508 Feb 07 j 13:20	0°♄			-1507 Jan 13 j 01:43	0°♄	
max. Earth dist.	-1508 Feb 07 j 19:16	0°♄28'19	1.35984 AU	morning set	-1507 Jan 15 j 22:18	4°♄54'16	
				max. Earth dist.	-1507 Jan 19 j 16:04	11°♄32'00	1.37902 AU
superior conj	-1508 Feb 13 j 08:05	11°♄19'14	-1°28'41				
minimum elong	-1508 Feb 13 j 11:39	11°♄37'05	1°28'14	superior conj	-1507 Jan 26 j 14:44	24°♄28'56	-1°47'09
evening rise	-1508 Feb 21 j 07:48	27°♄36'49		minimum elong	-1507 Jan 26 j 17:59	24°♄44'33	1°46'54
	-1508 Feb 22 j 12:05	0°♄			-1507 Jan 29 j 10:56	0°♄	
asc. node	-1508 Feb 23 j 04:30	1°♄22'23		evening rise	-1507 Feb 04 j 07:29	11°♄34'55	
evening max el	-1508 Mar 10 j 05:14	26°♄31'08	20°02'30	asc. node	-1507 Feb 09 j 01:32	20°♄47'06	
	-1508 Mar 14 j 22:22	0°♄			-1507 Feb 14 j 08:35	0°♄	
retrograde	-1508 Mar 20 j 10:53	1°♄24'39		evening max el	-1507 Feb 21 j 00:24	8°♄33'19	19°04'54
evening set	-1508 Mar 22 j 15:01	1°♄12'24		retrograde	-1507 Mar 01 j 15:52	12°♄42'16	
	-1508 Mar 26 j 08:44	30°℞♄		evening set	-1507 Mar 03 j 23:02	12°♄25'56	
inferior conj	-1508 Mar 31 j 11:10	27°♄12'26	0°57'16	inferior conj	-1507 Mar 12 j 01:06	8°♄12'49	2°30'47
minimum elong	-1508 Mar 31 j 13:37	27°♄08'42	0°56'26	minimum elong	-1507 Mar 12 j 05:43	8°♄04'48	2°29'33
min. Earth dist.	-1508 Apr 02 j 11:31	25°♄59'23	0.55558 AU	min. Earth dist.	-1507 Mar 15 j 03:13	6°♄05'13	0.56901 AU
desc. node	-1508 Apr 03 j 21:18	25°♄10'21		morning rise	-1507 Mar 20 j 09:28	3°♄12'43	
morning rise	-1508 Apr 09 j 10:11	22°♄44'28		desc. node	-1507 Mar 21 j 18:21	2°♄44'34	
direct	-1508 Apr 13 j 08:13	22°♄10'44		direct	-1507 Mar 25 j 11:38	2°♄11'40	
morning max el	-1508 Apr 27 j 02:43	29°♄00'07	23°55'10	morning max el	-1507 Apr 08 j 17:34	9°♄32'45	25°31'15
	-1508 Apr 28 j 03:11	0°♄			-1507 Apr 24 j 03:00	0°♄	
	-1508 May 17 j 19:21	0°♄		morning set	-1507 May 05 j 21:53	22°♄23'21	
morning set	-1508 May 21 j 09:59	7°♄23'33		asc. node	-1507 May 08 j 00:52	26°♄54'35	
asc. node	-1508 May 21 j 03:51	6°♄51'22			-1507 May 09 j 11:11	0°♄	
superior conj	-1508 May 28 j 11:26	22°♄32'54	1°10'11	superior conj	-1507 May 12 j 21:53	7°♄31'02	0°49'22
minimum elong	-1508 May 28 j 08:57	22°♄19'32	1°09'48	minimum elong	-1507 May 12 j 19:54	7°♄20'12	0°49'01
max. Earth dist.	-1508 May 30 j 10:42	26°♄46'16	1.33409 AU	max. Earth dist.	-1507 May 13 j 19:53	9°♄31'01	1.32750 AU
	-1508 May 31 j 23:17	0°♄		evening rise	-1507 May 20 j 00:39	22°♄42'57	
evening rise	-1508 Jun 04 j 21:57	8°♄07'37			-1507 May 23 j 15:38	0°♄	
	-1508 Jun 16 j 18:33	0°♄			-1507 Jun 10 j 16:48	0°♄	
desc. node	-1508 Jun 30 j 20:36	20°♄40'52		desc. node	-1507 Jun 17 j 17:37	8°♄38'33	
evening max el	-1508 Jul 08 j 09:23	29°♄03'01	27°25'05	evening max el	-1507 Jun 20 j 16:38	11°♄39'56	27°13'12
	-1508 Jul 09 j 09:52	0°Ω		retrograde	-1507 Jul 04 j 14:07	18°♄59'30	
retrograde	-1508 Jul 22 j 01:02	6°Ω24'35		evening set	-1507 Jul 11 j 16:02	16°♄39'25	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

min. Earth dist.	-1507 Jul 15 j 06:37	13°  51'36	0.61828 AU	evening set	-1506 Jun 23 j 07:11	29°  04'19	
inferior conj	-1507 Jul 18 j 08:43	11°  02'53	-4°15'52	min. Earth dist.	-1506 Jun 27 j 07:31	26°  25'23	0.59804 AU
minimum elong	-1507 Jul 18 j 12:18	10°  54'42	4°15'19	inferior conj	-1506 Jun 30 j 15:55	23°  45'58	-4°34'40
morning rise	-1507 Jul 25 j 10:02	6°  04'44		minimum elong	-1506 Jun 30 j 16:56	23°  43'56	4°34'35
direct	-1507 Jul 27 j 22:25	5°  37'34		morning rise	-1506 Jul 08 j 04:44	19°  09'44	
morning max el	-1507 Aug 03 j 19:26	9°  04'40	17°57'13	direct	-1506 Jul 10 j 16:53	18°  46'55	
asc. node	-1507 Aug 04 j 00:07	9°  16'14		morning max el	-1506 Jul 18 j 05:55	22°  25'27	18°17'42
	-1507 Aug 17 j 12:01	0°  0		asc. node	-1506 Jul 21 j 21:11	26°  37'24	
morning set	-1507 Aug 19 j 20:48	4°  01'38			-1506 Jul 24 j 05:20	0°  0	
				morning set	-1506 Aug 03 j 06:13	17°  50'45	
superior conj	-1507 Aug 30 j 12:48	23°  02'04	1°24'02		-1506 Aug 09 j 16:39	0°  0	
minimum elong	-1507 Aug 30 j 17:36	23°  04'52	1°23'35				
	-1507 Sep 03 j 10:30	0°  0		superior conj	-1506 Aug 12 j 15:16	5°  25'34	1°41'44
max. Earth dist.	-1507 Sep 06 j 21:16	5°  04'16	1.42561 AU	minimum elong	-1506 Aug 12 j 17:56	5°  37'43	1°41'36
evening rise	-1507 Sep 13 j 18:55	16°  05'26		max. Earth dist.	-1506 Aug 20 j 03:57	18°  04'00	1.40734 AU
desc. node	-1507 Sep 13 j 17:02	16°  04'31		evening rise	-1506 Aug 24 j 22:50	26°  04'52'20	
	-1507 Sep 22 j 08:11	0°  0			-1506 Aug 26 j 22:39	0°  0	
	-1507 Oct 14 j 07:17	0°  0		desc. node	-1506 Aug 31 j 14:02	7°  09'21'37	
evening max el	-1507 Oct 15 j 15:04	1°  23'50	21°52'25		-1506 Sep 16 j 01:07	0°  0	
retrograde	-1507 Oct 24 j 18:50	6°  05'28		evening max el	-1506 Sep 28 j 06:15	14°  52'49	23°11'45
evening set	-1507 Oct 29 j 02:55	5°  07'44		retrograde	-1506 Oct 08 j 12:29	20°  57'12	
asc. node	-1507 Oct 30 j 23:16	3°  08'21'28		evening set	-1506 Oct 13 j 09:59	18°  55'51	
	-1507 Nov 02 j 15:18	30°  08'0		asc. node	-1506 Oct 17 j 20:21	13°  50'18	
inferior conj	-1507 Nov 03 j 11:11	28°  05'13'34	1°11'01	inferior conj	-1506 Oct 18 j 18:07	12°  35'46	0°18'45
minimum elong	-1507 Nov 03 j 09:36	28°  05'701	1°10'21	minimum elong	-1506 Oct 18 j 17:40	12°  37'18	0°18'33
min. Earth dist.	-1507 Nov 03 j 14:16	28°  04'05'55	0.67491 AU	min. Earth dist.	-1506 Oct 18 j 10:48	13°  00'54	0.67561 AU
morning rise	-1507 Nov 08 j 16:07	22°  03'8'04		morning rise	-1506 Oct 24 j 01:16	6°  25'31	
direct	-1507 Nov 13 j 12:38	20°  03'53'31		direct	-1506 Oct 28 j 07:26	4°  45'15	
morning max el	-1507 Nov 23 j 11:07	26°  03'01'11	22°53'10	morning max el	-1506 Nov 06 j 01:52	9°  54'39	21°29'34
	-1507 Nov 26 j 16:10	0°  0			-1506 Nov 21 j 13:39	0°  0	
desc. node	-1507 Dec 10 j 16:19	18°  08'39'39		desc. node	-1506 Nov 27 j 13:23	8°  05'53	
	-1507 Dec 18 j 06:18	0°  0		morning set	-1506 Dec 07 j 10:12	24°  03'31	
morning set	-1507 Dec 27 j 18:38	15°  09'09'57			-1506 Dec 11 j 03:26	0°  0	
max. Earth dist.	-1506 Jan 01 j 11:31	23°  05'01'05	1.40007 AU	max. Earth dist.	-1506 Dec 14 j 12:56	5°  07'32'25	1.42008 AU
	-1506 Jan 05 j 10:43	0°  0					
				superior conj	-1506 Dec 21 j 23:36	18°  06'50	-1°57'24
superior conj	-1506 Jan 09 j 05:45	6°  03'49'39	-1°58'02	minimum elong	-1506 Dec 21 j 21:21	17°  07'09	1°57'22
minimum elong	-1506 Jan 09 j 07:11	6°  03'56'12	1°58'01		-1506 Dec 28 j 16:59	0°  0	
evening rise	-1506 Jan 18 j 22:10	25°  01'46		evening rise	-1505 Jan 02 j 00:19	7°  34'48'53	
	-1506 Jan 21 j 13:04	0°  0		asc. node	-1505 Jan 13 j 19:38	28°  09'07	
asc. node	-1506 Jan 26 j 22:34	9°  04'45'42			-1505 Jan 15 j 02:56	0°  0	
evening max el	-1506 Feb 04 j 04:15	21°  07'49	18°27'11	evening max el	-1505 Jan 18 j 13:45	4°  05'02	18°09'21
retrograde	-1506 Feb 11 j 15:33	24°  08'48'01		retrograde	-1505 Jan 25 j 08:32	7°  32'22	
evening set	-1506 Feb 14 j 03:25	24°  08'24'45		evening set	-1505 Jan 28 j 00:24	7°  00'56	
inferior conj	-1506 Feb 21 j 11:45	19°  05'13'39	3°28'15	inferior conj	-1505 Feb 03 j 18:03	2°  06'10	3°52'50
minimum elong	-1506 Feb 21 j 15:09	19°  04'44'46	3°27'41	minimum elong	-1505 Feb 03 j 18:59	2°  03'58	3°52'47
min. Earth dist.	-1506 Feb 24 j 21:58	17°  06'48	0.58786 AU		-1505 Feb 05 j 23:47	30°  08'0	
morning rise	-1506 Mar 01 j 00:29	14°  08'24'54		min. Earth dist.	-1505 Feb 06 j 22:40	29°  08'02	0.60856 AU
direct	-1506 Mar 07 j 04:20	12°  08'46'31		morning rise	-1505 Feb 10 j 12:02	26°  20'56	
desc. node	-1506 Mar 08 j 15:24	12°  08'52'00		direct	-1505 Feb 17 j 07:47	24°  06'09	
morning max el	-1506 Mar 21 j 11:36	20°  08'23'59	26°48'31	desc. node	-1505 Feb 23 j 12:29	25°  08'46'12	
	-1506 Mar 29 j 17:51	0°  0			-1505 Mar 01 j 11:51	0°  0	
	-1506 Apr 16 j 18:21	0°  0		morning max el	-1505 Mar 03 j 11:52	1°  05'52'02	27°34'53
morning set	-1506 Apr 20 j 08:19	7°  09'18'04			-1505 Mar 23 j 23:45	0°  0	
asc. node	-1506 Apr 24 j 21:56	17°  09'04'47		morning set	-1505 Apr 04 j 15:23	22°  09'00'19	
					-1505 Apr 08 j 10:27	0°  0	
superior conj	-1506 Apr 27 j 09:37	22°  09'31'29	0°26'00	max. Earth dist.	-1505 Apr 10 j 21:16	5°  09'18'19	1.32502 AU
minimum elong	-1506 Apr 27 j 08:29	22°  09'25'16	0°25'47				
max. Earth dist.	-1506 Apr 27 j 08:42	22°  09'26'27	1.32452 AU	superior conj	-1505 Apr 11 j 20:55	7°  09'27'23	0°00'51
	-1506 Apr 30 j 19:41	0°  0		minimum elong	-1505 Apr 11 j 20:52	7°  09'27'10	0°00'51
evening rise	-1506 May 04 j 08:30	7°  08'32'46		behind sun begin	-1505 Apr 11 j 15:50	6°  09'59'38	
	-1506 May 16 j 03:59	0°  0		behind sun end	-1505 Apr 12 j 01:55	7°  09'54'44	
evening max el	-1506 Jun 02 j 18:17	23°  08'35'25	26°28'21	asc. node	-1505 Apr 11 j 18:59	7°  09'16'50	
desc. node	-1506 Jun 04 j 14:37	25°  08'15'44		evening rise	-1505 Apr 18 j 19:16	22°  09'28'19	
	-1506 Jun 12 j 05:18	0°  0			-1505 Apr 22 j 11:05	0°  0	
retrograde	-1506 Jun 16 j 19:03	0°  0			-1505 May 11 j 02:30	0°  0	
	-1506 Jun 21 j 06:35	30°  08'0		evening max el	-1505 May 15 j 13:13	4°  08'46'59	25°14'53

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

desc. node	-1505 May 22 j 11:38	10°II00'12		retrograde	-1504 May 09 j 21:09	22°820'28	
retrograde	-1505 May 29 j 13:59	11°II56'09		evening set	-1504 May 13 j 20:57	21°845'15	
evening set	-1505 Jun 03 j 23:49	10°II48'12		min. Earth dist.	-1504 May 20 j 15:04	18°835'14	0.56147 AU
min. Earth dist.	-1505 Jun 09 j 01:03	8°II00'55	0.57801 AU	inferior conj	-1504 May 22 j 20:43	17°814'04	-3°37'19
inferior conj	-1505 Jun 12 j 04:25	5°II51'43	-4°25'41	minimum elong	-1504 May 22 j 14:13	17°823'56	3°35'51
minimum elong	-1505 Jun 12 j 01:18	5°II57'05	4°25'21	morning rise	-1504 May 31 j 10:27	13°815'41	
morning rise	-1505 Jun 20 j 05:34	1°II37'17		direct	-1504 Jun 03 j 00:47	12°858'36	
direct	-1505 Jun 22 j 18:33	1°II17'49		morning max el	-1504 Jun 13 j 03:48	17°839'38	20°00'27
morning max el	-1505 Jul 01 j 09:35	5°II20'10	18°58'41		-1504 Jun 22 j 12:21	0°II	
asc. node	-1505 Jul 08 j 18:16	14°II49'54		asc. node	-1504 Jun 24 j 15:20	3°II41'23	
	-1505 Jul 17 j 02:28	0°☾		morning set	-1504 Jul 01 j 05:22	16°II24'59	
morning set	-1505 Jul 18 j 02:09	1°☾56'08			-1504 Jul 07 j 21:34	0°☾	
superior conj	-1505 Jul 26 j 13:15	18°☾30'39	1°47'58	superior conj	-1504 Jul 09 j 01:20	2°☾19'27	1°45'12
minimum elong	-1505 Jul 26 j 13:37	18°☾32'27	1°47'59	minimum elong	-1504 Jul 09 j 00:00	2°☾12'51	1°45'11
	-1505 Aug 01 j 17:11	0°♌		max. Earth dist.	-1504 Jul 14 j 10:58	12°☾52'29	1.36837 AU
max. Earth dist.	-1505 Aug 02 j 06:58	1°♌02'10	1.38740 AU	evening rise	-1504 Jul 18 j 08:48	20°☾08'38	
evening rise	-1505 Aug 06 j 04:06	7°♌52'34			-1504 Jul 23 j 23:19	0°♌	
desc. node	-1505 Aug 18 j 11:02	27°♌50'26		desc. node	-1504 Aug 04 j 08:01	18°♌03'54	
	-1505 Aug 19 j 21:14	0°♍			-1504 Aug 12 j 21:14	0°♍	
evening max el	-1505 Sep 10 j 18:12	28°♍24'32	24°31'27	evening max el	-1504 Aug 23 j 05:13	11°♍58'32	25°44'12
	-1505 Sep 12 j 10:27	0°♎		retrograde	-1504 Sep 04 j 11:59	19°♍01'21	
retrograde	-1505 Sep 22 j 02:25	5°♎02'36		evening set	-1504 Sep 10 j 14:48	16°♍25'55	
evening set	-1505 Sep 27 j 14:34	2°♎42'48		min. Earth dist.	-1504 Sep 14 j 22:14	11°♍41'09	0.66752 AU
	-1505 Sep 30 j 04:55	30°♎		inferior conj	-1504 Sep 16 j 03:08	10°♍08'57	-1°30'35
min. Earth dist.	-1505 Oct 02 j 06:15	27°♎21'53	0.67318 AU	minimum elong	-1504 Sep 16 j 05:21	10°♍01'51	1°29'40
inferior conj	-1505 Oct 03 j 00:01	26°♎22'27	-0°35'39	asc. node	-1504 Sep 20 j 14:30	5°♎08'15	
minimum elong	-1505 Oct 03 j 00:53	26°♎19'33	0°35'16	morning rise	-1504 Sep 21 j 20:07	4°♎13'22	
asc. node	-1505 Oct 04 j 17:26	24°♎06'58		direct	-1504 Sep 25 j 02:57	3°♎11'04	
morning rise	-1505 Oct 08 j 11:15	20°♎18'06		morning max el	-1504 Oct 02 j 05:19	7°♎12'25	19°15'42
direct	-1505 Oct 12 j 04:40	18°♎58'23			-1504 Oct 18 j 13:28	0°♎	
morning max el	-1505 Oct 19 j 23:57	23°♎29'14	20°15'52	morning set	-1504 Oct 25 j 11:51	10°♎47'37	
	-1505 Oct 25 j 12:05	0°♏		desc. node	-1504 Oct 31 j 07:26	19°♎53'07	
desc. node	-1505 Nov 14 j 10:26	29°♏17'07			-1504 Nov 06 j 18:08	0°♐	
	-1505 Nov 14 j 21:34	0°♐		max. Earth dist.	-1504 Nov 08 j 12:36	2°♐47'26	1.44639 AU
morning set	-1505 Nov 16 j 08:06	2°♐13'22		superior conj	-1504 Nov 11 j 04:48	7°♐01'33	-1°06'48
max. Earth dist.	-1505 Nov 26 j 21:57	18°♐52'09	1.43620 AU	minimum elong	-1504 Nov 10 j 21:18	6°♐31'48	1°05'57
superior conj	-1505 Dec 02 j 15:14	28°♐09'33	-1°41'01		-1504 Nov 25 j 09:34	0°♑	
minimum elong	-1505 Dec 02 j 08:40	27°♐42'33	1°40'32	evening rise	-1504 Nov 25 j 21:53	0°♑50'48	
	-1505 Dec 03 j 18:01	0°♑			-1504 Dec 14 j 23:27	0°♑	
evening rise	-1505 Dec 15 j 09:45	19°♑48'18		evening max el	-1504 Dec 15 j 14:10	0°♑38'51	18°31'26
	-1505 Dec 21 j 07:07	0°♒		asc. node	-1504 Dec 17 j 13:43	2°♑26'08	
asc. node	-1505 Dec 31 j 16:41	15°♒47'02		retrograde	-1504 Dec 22 j 04:45	4°♒18'19	
evening max el	-1504 Jan 02 j 01:57	17°♒17'33	18°11'01	evening set	-1504 Dec 25 j 05:15	3°♒27'40	
retrograde	-1504 Jan 08 j 14:26	20°♒45'28			-1504 Dec 29 j 06:48	30°♒♑	
evening set	-1504 Jan 11 j 10:11	20°♒05'01		inferior conj	-1504 Dec 31 j 03:03	27°♒53'57	3°34'46
inferior conj	-1504 Jan 17 j 16:28	14°♒49'42	3°52'36	minimum elong	-1504 Dec 31 j 00:35	28°♒01'09	3°34'19
minimum elong	-1504 Jan 17 j 15:17	14°♒52'50	3°52'30	min. Earth dist.	-1503 Jan 02 j 03:53	25°♒30'59	0.64488 AU
min. Earth dist.	-1504 Jan 20 j 08:19	12°♒00'58	0.62817 AU	morning rise	-1503 Jan 05 j 19:27	21°♒48'54	
morning rise	-1504 Jan 23 j 19:31	8°♒52'25		direct	-1503 Jan 12 j 16:05	18°♒56'56	
direct	-1504 Jan 30 j 20:12	6°♒11'38		morning max el	-1503 Jan 26 j 02:59	26°♒42'32	27°19'12
desc. node	-1504 Feb 10 j 09:35	10°♒58'46		desc. node	-1503 Jan 27 j 06:39	27°♒53'14	
morning max el	-1504 Feb 13 j 17:53	14°♒01'06	27°44'40		-1503 Jan 29 j 05:23	0°♓	
	-1504 Feb 26 j 16:30	0°♓			-1503 Feb 19 j 06:37	0°♓	
	-1504 Mar 15 j 11:17	0°♔		morning set	-1503 Mar 02 j 10:00	20°♓16'08	
morning set	-1504 Mar 18 j 16:53	6°♔22'43		max. Earth dist.	-1503 Mar 07 j 05:26	29°♓56'09	1.33753 AU
max. Earth dist.	-1504 Mar 24 j 05:30	17°♔52'15	1.32923 AU		-1503 Mar 07 j 06:10	0°♔	
superior conj	-1504 Mar 26 j 06:05	22°♔13'07	-0°25'14	superior conj	-1503 Mar 10 j 11:15	6°♔42'41	-0°51'13
minimum elong	-1504 Mar 26 j 07:15	22°♔19'29	0°24'59	minimum elong	-1503 Mar 10 j 13:36	6°♔55'10	0°50'47
asc. node	-1504 Mar 28 j 16:01	27°♔26'50		asc. node	-1503 Mar 15 j 13:03	17°♔30'45	
	-1504 Mar 29 j 20:18	0°♕		evening rise	-1503 Mar 17 j 18:02	22°♔10'29	
evening rise	-1504 Apr 02 j 07:02	7°♕22'55			-1503 Mar 21 j 14:01	0°♕	
	-1504 Apr 14 j 06:08	0°♖		evening max el	-1503 Apr 07 j 21:52	26°♕09'32	22°09'31
evening max el	-1504 Apr 26 j 04:11	15°♖28'41	23°43'46		-1503 Apr 12 j 19:05	0°♖	
desc. node	-1504 May 08 j 08:41	22°♖15'12		retrograde	-1503 Apr 20 j 16:19	2°♖24'07	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening set	-1503 Apr 23 j 11:12	2° 8 06'56		evening max el	-1502 Mar 21 j 00:06	7° 9 14'13	20°44'22
desc. node	-1503 Apr 25 j 05:44	1° 8 39'15		retrograde	-1502 Apr 01 j 05:19	12° 9 37'06	
	-1503 Apr 29 j 04:17	30° 8 9'		evening set	-1502 Apr 03 j 11:00	12° 9 25'08	
min. Earth dist.	-1503 May 02 j 04:33	28° 9 22'13	0.55190 AU	desc. node	-1502 Apr 12 j 02:47	8° 9 45'51	
inferior conj	-1503 May 02 j 20:46	27° 9 59'21	-2°06'07	inferior conj	-1502 Apr 12 j 15:29	8° 9 27'40	-0°09'00
minimum elong	-1503 May 02 j 15:14	28° 9 07'09	2°04'19	minimum elong	-1502 Apr 12 j 15:03	8° 9 28'17	0°08'50
morning rise	-1503 May 11 j 20:44	24° 9 03'16		transit middle	-1502 Apr 12 j 15:03	8° 9 28'17	0°08'50
direct	-1503 May 14 j 15:51	23° 9 45'39		transit begin	-1502 Apr 12 j 11:40	8° 9 33'08	
morning max el	-1503 May 26 j 11:06	29° 9 17'42	21°21'32	transit end	-1502 Apr 12 j 18:26	8° 9 23'25	
	-1503 May 27 j 04:46	0° 8		min. Earth dist.	-1502 Apr 13 j 18:15	7° 9 49'18	0.55156 AU
asc. node	-1503 Jun 11 j 12:22	23° 8 02'23		morning rise	-1502 Apr 21 j 18:11	4° 9 15'59	
	-1503 Jun 14 j 23:44	0° II		direct	-1502 Apr 25 j 03:26	3° 9 51'07	
morning set	-1503 Jun 15 j 13:28	1° II 10'43		morning max el	-1502 May 08 j 08:13	10° 9 14'58	22°57'09
					-1502 May 22 j 18:12	0° 8	
superior conj	-1503 Jun 22 j 23:20	16° II 39'44	1°35'33	asc. node	-1502 May 29 j 09:23	12° 8 44'22	
minimum elong	-1503 Jun 22 j 21:03	16° II 27'56	1°35'23	morning set	-1502 May 31 j 00:24	16° 8 06'25	
max. Earth dist.	-1503 Jun 26 j 22:13	24° II 43'47	1.35219 AU		-1502 Jun 06 j 12:55	0° II	
	-1503 Jun 29 j 14:17	0° 8					
evening rise	-1503 Jul 01 j 08:08	3° 8 21'09		superior conj	-1502 Jun 07 j 04:01	1° II 20'31	1°20'39
	-1503 Jul 16 j 20:26	0° 8		minimum elong	-1502 Jun 07 j 01:27	1° II 06'51	1°20'20
desc. node	-1503 Jul 22 j 05:01	7° 8 55'07		max. Earth dist.	-1502 Jun 09 j 19:21	6° II 55'05	1.33969 AU
evening max el	-1503 Aug 05 j 16:51	25° 8 31'26	26°42'03	evening rise	-1502 Jun 14 j 21:05	17° II 14'56	
	-1503 Aug 11 j 02:19	0° 8			-1502 Jun 21 j 15:23	0° 8	
retrograde	-1503 Aug 18 j 16:32	2° 8 47'38		desc. node	-1502 Jul 09 j 02:03	27° 8 13'51	
evening set	-1503 Aug 25 j 08:31	0° 8 02'32			-1502 Jul 11 j 05:34	0° 8	
	-1503 Aug 25 j 09:43	30° 8 9'		evening max el	-1502 Jul 19 j 04:30	8° 8 52'59	27°17'26
min. Earth dist.	-1503 Aug 29 j 08:26	25° 8 55'14	0.65844 AU	retrograde	-1502 Aug 01 j 15:27	16° 8 13'26	
inferior conj	-1503 Aug 31 j 01:30	23° 8 52'47	-2°24'11	evening set	-1502 Aug 08 j 17:01	13° 8 28'00	
minimum elong	-1503 Aug 31 j 04:58	23° 8 42'27	2°22'55	min. Earth dist.	-1502 Aug 12 j 10:32	9° 8 57'10	0.64563 AU
morning rise	-1503 Sep 06 j 01:50	18° 8 08'57		inferior conj	-1502 Aug 14 j 16:51	7° 8 29'02	-3°14'03
asc. node	-1503 Sep 07 j 11:34	17° 8 33'43		minimum elong	-1502 Aug 14 j 21:08	7° 8 17'21	3°12'47
direct	-1503 Sep 09 j 00:28	17° 8 20'25		morning rise	-1502 Aug 21 j 01:56	2° 8 00'25	
morning max el	-1503 Sep 15 j 16:30	21° 8 01'15	18°31'15	direct	-1502 Aug 23 j 18:51	1° 8 22'14	
	-1503 Sep 22 j 15:43	0° 8		asc. node	-1502 Aug 25 j 08:36	1° 8 35'13	
morning set	-1503 Oct 05 j 16:13	20° 8 37'09		morning max el	-1502 Aug 30 j 07:06	4° 8 50'50	18°03'51
	-1503 Oct 11 j 12:23	0° 8			-1502 Sep 15 j 22:51	0° 8	
desc. node	-1503 Oct 18 j 04:25	10° 8 35'31		morning set	-1502 Sep 17 j 00:47	1° 8 49'23	
superior conj	-1503 Oct 21 j 04:53	15° 8 21'15	-0°19'29	superior conj	-1502 Sep 30 j 13:43	24° 8 11'13	0°28'59
minimum elong	-1503 Oct 21 j 02:18	15° 8 11'05	0°19'09	minimum elong	-1502 Sep 30 j 17:03	24° 8 24'36	0°28'33
max. Earth dist.	-1503 Oct 22 j 06:29	17° 8 02'00	1.44956 AU		-1502 Oct 04 j 04:56	0° 8	
	-1503 Oct 30 j 12:26	0° 8		max. Earth dist.	-1502 Oct 05 j 00:49	1° 8 18'58	1.44538 AU
evening rise	-1503 Nov 06 j 09:52	10° 8 52'26		desc. node	-1502 Oct 05 j 01:27	1° 8 21'24	
greatest brilliancy	-1503 Nov 15 j 16:52	25° 8 32'33	-0.8m	evening rise	-1502 Oct 17 j 00:35	20° 8 03'15	
	-1503 Nov 18 j 13:58	0° 8			-1502 Oct 23 j 11:54	0° 8	
evening max el	-1503 Nov 28 j 23:58	14° 8 04'33	19°09'18	greatest brilliancy	-1502 Oct 30 j 19:23	11° 8 02'30	-0.6m
asc. node	-1503 Dec 04 j 10:46	17° 8 51'26		evening max el	-1502 Nov 12 j 05:24	27° 8 32'08	20°02'47
retrograde	-1503 Dec 05 j 23:54	18° 8 04'48			-1502 Nov 14 j 22:47	0° 8	
evening set	-1503 Dec 09 j 06:42	17° 8 02'12		retrograde	-1502 Nov 19 j 21:10	2° 8 01'17	
inferior conj	-1503 Dec 14 j 22:21	11° 8 12'33	3°04'27	asc. node	-1502 Nov 21 j 07:48	1° 8 49'19	
minimum elong	-1503 Dec 14 j 19:26	11° 8 21'48	3°03'40	evening set	-1502 Nov 23 j 12:12	0° 8 44'37	
min. Earth dist.	-1503 Dec 16 j 08:30	9° 8 24'36	0.65798 AU		-1502 Nov 24 j 10:43	30° 8 9'	
morning rise	-1503 Dec 20 j 07:53	5° 8 02'28		inferior conj	-1502 Nov 28 j 23:40	24° 8 41'54	2°25'12
direct	-1503 Dec 26 j 18:15	2° 8 13'40		minimum elong	-1502 Nov 28 j 20:55	24° 8 51'05	2°24'16
morning max el	-1502 Jan 08 j 12:26	9° 8 43'37	26°24'26	min. Earth dist.	-1502 Nov 29 j 20:33	23° 8 32'16	0.66732 AU
desc. node	-1502 Jan 14 j 03:41	15° 8 59'50		morning rise	-1502 Dec 04 j 05:26	18° 8 28'53	
	-1502 Jan 24 j 13:39	0° 8		direct	-1502 Dec 10 j 01:54	15° 8 53'56	
	-1502 Feb 11 j 18:13	0° 8		morning max el	-1502 Dec 21 j 21:06	22° 8 54'43	25°09'14
morning set	-1502 Feb 13 j 14:55	3° 8 27'43			-1502 Dec 28 j 03:47	0° 8	
max. Earth dist.	-1502 Feb 17 j 17:54	11° 8 23'51	1.35039 AU	desc. node	-1501 Jan 01 j 00:43	4° 8 57'41	
					-1501 Jan 17 j 21:50	0° 8	
superior conj	-1502 Feb 22 j 10:04	20° 8 48'01	-1°15'50	morning set	-1501 Jan 27 j 02:37	15° 8 43'14	
minimum elong	-1502 Feb 22 j 13:21	21° 8 04'51	1°15'20	max. Earth dist.	-1501 Jan 30 j 19:23	22° 8 28'58	1.36762 AU
	-1502 Feb 26 j 20:34	0° 8			-1501 Feb 03 j 18:19	0° 8	
evening rise	-1502 Mar 02 j 02:21	6° 8 43'50					
asc. node	-1502 Mar 02 j 10:04	7° 8 23'32		superior conj	-1501 Feb 05 j 23:41	4° 8 20'52	-1°37'14
	-1502 Mar 14 j 23:14	0° 8		minimum elong	-1501 Feb 06 j 03:15	4° 8 38'30	1°36'51

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evening rise	-1501 Feb 14 j 05:54	20° \approx 56'51		evening rise	-1500 Jan 29 j 02:07	4° \approx 42'04	
asc. node	-1501 Feb 17 j 07:07	27° \approx 00'14		asc. node	-1500 Feb 04 j 04:10	16° \approx 14'24	
	-1501 Feb 18 j 20:28	0° H			-1500 Feb 13 j 08:51	0° H	
evening max el	-1501 Mar 03 j 13:11	18° H 54'41	19°35'38	evening max el	-1500 Feb 14 j 12:14	1° H 10'13	18°46'21
retrograde	-1501 Mar 13 j 01:24	23° H 27'27		retrograde	-1500 Feb 22 j 14:26	5° H 05'23	
evening set	-1501 Mar 15 j 06:33	23° H 13'45		evening set	-1500 Feb 24 j 23:32	4° H 46'21	
inferior conj	-1501 Mar 23 j 19:15	19° H 09'13	1°41'01	inferior conj	-1500 Mar 03 j 17:44	0° H 24'51	2°59'37
minimum elong	-1501 Mar 23 j 23:07	19° H 03'02	1°39'46	minimum elong	-1500 Mar 03 j 22:07	0° H 16'42	2°58'38
min. Earth dist.	-1501 Mar 26 j 08:36	17° H 31'53	0.56047 AU		-1500 Mar 04 j 07:05	30° R \approx	
desc. node	-1501 Mar 29 j 23:50	15° H 30'00		min. Earth dist.	-1500 Mar 07 j 01:07	27° \approx 58'54	0.57652 AU
morning rise	-1501 Apr 01 j 13:10	14° H 28'00		morning rise	-1500 Mar 11 j 17:56	25° \approx 12'16	
direct	-1501 Apr 05 j 22:55	13° H 44'25		desc. node	-1500 Mar 15 j 20:53	24° \approx 01'33	
morning max el	-1501 Apr 19 j 23:32	20° H 48'26	24°37'18	direct	-1500 Mar 17 j 07:37	23° \approx 56'22	
	-1501 Apr 27 j 20:54	0° Y			-1500 Mar 30 j 02:19	0° H	
	-1501 May 14 j 23:47	0° B		morning max el	-1500 Mar 31 j 15:18	1° H 25'45	26°07'26
morning set	-1501 May 15 j 12:28	1° B 06'29			-1500 Apr 20 j 19:52	0° Y	
asc. node	-1501 May 16 j 06:26	2° B 41'22		morning set	-1500 Apr 28 j 24:00	16° Y 05'05	
				asc. node	-1500 May 02 j 03:30	22° Y 48'10	
superior conj	-1501 May 22 j 12:57	16° B 14'10	1°01'44		-1500 May 05 j 10:40	0° B	
minimum elong	-1501 May 22 j 10:38	16° B 01'35	1°01'20	superior conj	-1500 May 06 j 00:10	1° B 13'59	0°39'44
max. Earth dist.	-1501 May 24 j 01:11	19° B 30'04	1.33095 AU	minimum elong	-1500 May 05 j 22:31	1° B 04'54	0°39'25
	-1501 May 29 j 00:33	0° II		max. Earth dist.	-1500 May 06 j 12:28	2° B 21'18	1.32577 AU
evening rise	-1501 May 29 j 19:41	1° II 37'54		evening rise	-1500 May 13 j 00:52	16° B 20'13	
	-1501 Jun 14 j 13:24	0° E			-1500 May 19 j 23:02	0° II	
desc. node	-1501 Jun 25 j 23:04	15° E 46'23			-1500 Jun 08 j 19:40	0° E	
evening max el	-1501 Jul 01 j 14:07	21° E 49'46	27°23'57	desc. node	-1500 Jun 11 j 20:05	3° E 13'35	
retrograde	-1501 Jul 15 j 08:08	29° E 09'47		evening max el	-1500 Jun 12 j 19:06	4° E 09'46	26°57'58
evening set	-1501 Jul 22 j 12:50	26° E 36'15		retrograde	-1500 Jun 26 j 18:01	11° E 28'08	
min. Earth dist.	-1501 Jul 26 j 02:44	23° E 36'14	0.62921 AU	evening set	-1500 Jul 03 j 15:50	9° E 20'30	
inferior conj	-1501 Jul 28 j 22:22	20° E 51'04	-3°56'41	min. Earth dist.	-1500 Jul 07 j 08:49	6° E 38'57	0.60984 AU
minimum elong	-1501 Jul 29 j 02:36	20° E 40'41	3°55'47	inferior conj	-1500 Jul 10 j 14:48	3° E 51'26	-4°26'31
morning rise	-1501 Aug 04 j 17:28	15° E 41'04		minimum elong	-1500 Jul 10 j 17:32	3° E 45'32	4°26'12
direct	-1501 Aug 07 j 07:00	15° E 10'27			-1500 Jul 15 j 18:06	30° R II	
asc. node	-1501 Aug 12 j 05:40	17° E 05'48		morning rise	-1500 Jul 17 j 20:57	29° II 02'48	
morning max el	-1501 Aug 13 j 22:27	18° E 35'11	17°54'18	direct	-1500 Jul 20 j 09:05	28° II 37'39	
	-1501 Aug 22 j 05:17	0° O			-1500 Jul 24 j 19:23	0° E	
morning set	-1501 Aug 30 j 08:46	14° O 08'34		morning max el	-1500 Jul 27 j 11:42	2° E 07'56	18°03'31
	-1501 Sep 08 j 10:57	0° np		asc. node	-1500 Jul 29 j 02:44	3° E 51'36	
superior conj	-1501 Sep 10 j 23:13	4° np 15'03	1°07'49	morning set	-1500 Aug 12 j 10:25	27° E 18'56	
minimum elong	-1501 Sep 11 j 04:31	4° np 37'22	1°07'14		-1500 Aug 13 j 21:10	0° O	
max. Earth dist.	-1501 Sep 17 j 16:16	15° np 18'30	1.43442 AU	superior conj	-1500 Aug 22 j 12:02	15° O 40'29	1°33'05
desc. node	-1501 Sep 21 j 22:28	22° np 07'06		minimum elong	-1500 Aug 22 j 16:02	15° O 58'11	1°32'46
evening rise	-1501 Sep 26 j 06:26	28° np 54'23		max. Earth dist.	-1500 Aug 30 j 02:01	28° O 42'30	1.41819 AU
	-1501 Sep 26 j 23:22	0° u			-1500 Aug 30 j 20:38	0° np	
	-1501 Oct 17 j 06:58	0° m		evening rise	-1500 Sep 04 j 22:08	8° np 14'54	
evening max el	-1501 Oct 26 j 05:03	10° m 59'19	21°09'27	desc. node	-1500 Sep 07 j 19:29	12° np 49'38	
retrograde	-1501 Nov 03 j 18:23	16° m 03'56			-1500 Sep 19 j 03:45	0° u	
evening set	-1501 Nov 07 j 19:42	14° m 31'05		evening max el	-1500 Oct 07 j 22:52	24° u 26'58	22°25'35
asc. node	-1501 Nov 08 j 04:52	14° m 12'39			-1500 Oct 16 j 02:19	0° m	
inferior conj	-1501 Nov 13 j 04:40	8° m 18'37	1°39'29	retrograde	-1500 Oct 17 j 13:52	0° m 10'24	
minimum elong	-1501 Nov 13 j 02:34	8° m 25'52	1°38'39		-1500 Oct 19 j 00:13	30° R u	
min. Earth dist.	-1501 Nov 13 j 13:51	7° m 47'06	0.67310 AU	evening set	-1500 Oct 22 j 03:27	28° u 19'44	
morning rise	-1501 Nov 18 j 09:16	2° m 04'40		asc. node	-1500 Oct 25 j 01:55	25° u 13'54	
	-1501 Nov 22 j 02:58	30° R u		inferior conj	-1500 Oct 27 j 11:27	22° u 01'09	0°49'11
direct	-1501 Nov 23 j 14:25	29° u 49'45		minimum elong	-1500 Oct 27 j 10:20	22° u 05'02	0°48'42
	-1501 Nov 25 j 03:10	0° m		min. Earth dist.	-1500 Oct 27 j 10:01	22° u 06'07	0.67559 AU
morning max el	-1501 Dec 04 j 05:53	6° m 10'22	23°43'27	morning rise	-1500 Nov 01 j 17:06	15° u 48'37	
desc. node	-1501 Dec 18 j 21:46	24° m 31'33		direct	-1500 Nov 06 j 07:13	13° u 55'51	
	-1501 Dec 22 j 16:56	0° x		morning max el	-1500 Nov 15 j 17:36	19° u 31'16	22°16'39
morning set	-1500 Jan 08 j 14:56	26° x 45'52			-1500 Nov 24 j 11:44	0° m	
	-1500 Jan 10 j 12:11	0° B		desc. node	-1500 Dec 04 j 18:50	14° m 31'28	
max. Earth dist.	-1500 Jan 12 j 15:02	3° B 42'11	1.38793 AU		-1500 Dec 14 j 22:16	0° x	
superior conj	-1500 Jan 20 j 00:13	17° B 10'24	-1°52'54	morning set	-1500 Dec 18 j 22:43	6° x 25'01	
minimum elong	-1500 Jan 20 j 02:56	17° B 23'07	1°52'46	max. Earth dist.	-1500 Dec 24 j 12:14	15° x 35'52	1.40888 AU
	-1500 Jan 26 j 16:18	0° \approx					

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1499 Jan 01 j 06:51	29° ♄ 05'01	-1°59'26	desc. node	-1499 Nov 21 j 15:53	4° ♋ 49'44	
minimum elong	-1499 Jan 01 j 06:57	29° ♄ 05'25	1°59'28	morning set	-1499 Nov 28 j 04:24	14° ♋ 52'43	
	-1499 Jan 01 j 19:09	0° ♄		max. Earth dist.	-1499 Dec 06 j 16:18	28° ♋ 24'38	1.42754 AU
evening rise	-1499 Jan 11 j 11:56	17° ♄ 52'44			-1499 Dec 07 j 15:41	0° ♄	
	-1499 Jan 18 j 02:27	0° ♄					
asc. node	-1499 Jan 21 j 01:13	4° ♋ 58'59		superior conj	-1499 Dec 13 j 14:02	9° ♄ 51'47	-1°52'36
evening max el	-1499 Jan 27 j 18:46	13° ♋ 54'49	18°17'11	minimum elong	-1499 Dec 13 j 09:52	9° ♄ 34'09	1°52'25
retrograde	-1499 Feb 03 j 21:55	17° ♋ 27'58		evening rise	-1499 Dec 25 j 07:30	0° ♄ 20'34	
evening set	-1499 Feb 06 j 11:22	17° ♋ 01'31			-1499 Dec 25 j 02:54	0° ♄	
inferior conj	-1499 Feb 13 j 13:04	12° ♋ 19'22	3°42'14	asc. node	-1498 Jan 07 j 22:15	23° ♄ 04'50	
minimum elong	-1499 Feb 13 j 15:27	12° ♋ 14'14	3°41'58	evening max el	-1498 Jan 11 j 05:51	27° ♄ 00'08	18°07'48
min. Earth dist.	-1499 Feb 16 j 22:16	9° ♋ 25'30	0.59656 AU		-1498 Jan 15 j 13:11	0° ♋	
morning rise	-1499 Feb 20 j 17:24	6° ♋ 43'26		retrograde	-1498 Jan 17 j 20:46	0° ♋ 25'59	
direct	-1499 Feb 27 j 05:17	4° ♋ 48'35			-1498 Jan 20 j 04:57	30° ♋	
desc. node	-1499 Mar 02 j 17:58	5° ♋ 20'58		evening set	-1498 Jan 20 j 14:16	29° ♄ 50'51	
morning max el	-1499 Mar 13 j 11:58	12° ♋ 31'24	27°12'39	inferior conj	-1498 Jan 27 j 02:43	24° ♄ 47'29	3°55'17
	-1499 Mar 27 j 07:01	0° ♋		minimum elong	-1498 Jan 27 j 02:40	24° ♄ 47'36	3°55'15
	-1499 Apr 12 j 22:34	0° ♋		min. Earth dist.	-1498 Jan 30 j 02:39	21° ♄ 50'35	0.61716 AU
morning set	-1499 Apr 13 j 09:13	0° ♋ 55'12		morning rise	-1498 Feb 02 j 13:50	18° ♄ 56'37	
asc. node	-1499 Apr 19 j 00:33	12° ♋ 59'34		direct	-1498 Feb 09 j 13:08	16° ♄ 28'41	
				desc. node	-1498 Feb 17 j 15:02	19° ♄ 18'45	
superior conj	-1499 Apr 20 j 11:54	16° ♋ 13'07	0°15'31	morning max el	-1498 Feb 23 j 14:44	24° ♄ 17'05	27°43'33
minimum elong	-1499 Apr 20 j 11:13	16° ♋ 09'20	0°15'22		-1498 Feb 28 j 19:35	0° ♋	
behind sun begin	-1499 Apr 20 j 10:04	16° ♋ 03'02			-1498 Mar 20 j 13:32	0° ♋	
behind sun end	-1499 Apr 20 j 12:22	16° ♋ 15'37		morning set	-1498 Mar 28 j 14:10	15° ♋ 30'05	
max. Earth dist.	-1499 Apr 20 j 01:27	15° ♋ 15'48	1.32417 AU	max. Earth dist.	-1498 Apr 03 j 12:28	28° ♋ 01'05	1.32627 AU
	-1499 Apr 26 j 20:20	0° ♋			-1498 Apr 04 j 10:24	0° ♋	
evening rise	-1499 Apr 27 j 10:09	1° ♋ 12'55					
	-1499 May 13 j 03:37	0° ♋		superior conj	-1498 Apr 04 j 22:31	1° ♋ 05'50	-0°10'09
evening max el	-1499 May 25 j 17:39	15° ♋ 45'36	26°00'13	minimum elong	-1498 Apr 04 j 22:59	1° ♋ 08'23	0°10'03
desc. node	-1499 May 29 j 17:08	19° ♋ 07'29		behind sun begin	-1498 Apr 04 j 19:01	0° ♋ 46'45	
retrograde	-1499 Jun 08 j 19:26	23° ♋ 00'13		behind sun end	-1498 Apr 05 j 02:57	1° ♋ 30'02	
evening set	-1499 Jun 14 j 21:40	21° ♋ 29'48		asc. node	-1498 Apr 05 j 21:36	3° ♋ 11'34	
min. Earth dist.	-1499 Jun 19 j 06:20	18° ♋ 49'17	0.58924 AU	evening rise	-1498 Apr 11 j 21:34	16° ♋ 09'05	
inferior conj	-1499 Jun 22 j 14:25	16° ♋ 19'52	-4°35'00		-1498 Apr 18 j 19:37	0° ♋	
minimum elong	-1499 Jun 22 j 13:49	16° ♋ 21'00	4°34'58	evening max el	-1498 May 07 j 10:28	26° ♋ 42'28	24°37'38
morning rise	-1499 Jun 30 j 08:26	11° ♋ 53'23			-1498 May 11 j 08:06	0° ♋	
direct	-1499 Jul 02 j 20:40	11° ♋ 32'15		desc. node	-1498 May 16 j 14:08	2° ♋ 52'49	
morning max el	-1499 Jul 10 j 19:44	15° ♋ 19'28	18°32'34	retrograde	-1498 May 21 j 09:35	3° ♋ 45'55	
asc. node	-1499 Jul 15 j 23:49	21° ♋ 36'25		evening set	-1498 May 26 j 05:01	2° ♋ 53'40	
	-1499 Jul 21 j 02:36	0° ♋			-1498 May 31 j 20:57	30° ♋	
morning set	-1499 Jul 27 j 00:46	11° ♋ 07'02		min. Earth dist.	-1498 May 31 j 22:13	29° ♋ 58'00	0.57031 AU
				inferior conj	-1498 Jun 03 j 18:18	28° ♋ 07'39	-4°10'35
superior conj	-1499 Aug 04 j 23:33	28° ♋ 13'41	1°45'37	minimum elong	-1498 Jun 03 j 13:27	28° ♋ 15'34	4°09'50
minimum elong	-1499 Aug 05 j 01:12	28° ♋ 21'22	1°45'34	morning rise	-1498 Jun 12 j 00:47	24° ♋ 00'45	
	-1499 Aug 05 j 22:27	0° ♋		direct	-1498 Jun 14 j 14:09	23° ♋ 42'29	
max. Earth dist.	-1499 Aug 12 j 06:10	11° ♋ 21'50	1.39892 AU	morning max el	-1498 Jun 23 j 19:35	28° ♋ 00'00	19°22'22
evening rise	-1499 Aug 16 j 12:42	18° ♋ 40'16			-1498 Jun 25 j 18:22	0° ♋	
	-1499 Aug 23 j 12:01	0° ♋		asc. node	-1498 Jul 02 j 20:52	10° ♋ 06'47	
desc. node	-1499 Aug 25 j 16:30	3° ♋ 24'43		morning set	-1498 Jul 11 j 00:08	25° ♋ 23'16	
	-1499 Sep 13 j 12:23	0° ♋			-1498 Jul 13 j 07:27	0° ♋	
evening max el	-1499 Sep 20 j 12:20	7° ♋ 56'53	23°45'59				
retrograde	-1499 Oct 01 j 06:10	14° ♋ 16'58		superior conj	-1498 Jul 19 j 04:05	11° ♋ 38'45	1°47'45
evening set	-1499 Oct 06 j 09:40	12° ♋ 07'49		minimum elong	-1498 Jul 19 j 03:39	11° ♋ 36'38	1°47'46
inferior conj	-1499 Oct 11 j 18:11	5° ♋ 46'59	-0°04'08	max. Earth dist.	-1498 Jul 25 j 08:50	23° ♋ 25'13	1.37913 AU
minimum elong	-1499 Oct 11 j 18:17	5° ♋ 46'39	0°04'06	evening rise	-1498 Jul 29 j 04:28	0° ♋ 18'21	
transit middle	-1499 Oct 11 j 18:17	5° ♋ 46'39	0°04'06		-1498 Jul 29 j 00:19	0° ♋	
transit begin	-1499 Oct 11 j 15:39	5° ♋ 55'37		desc. node	-1498 Aug 12 j 13:29	23° ♋ 47'46	
transit end	-1499 Oct 11 j 20:55	5° ♋ 37'42			-1498 Aug 16 j 18:30	0° ♋	
min. Earth dist.	-1499 Oct 11 j 06:31	6° ♋ 26'46	0.67497 AU	evening max el	-1498 Sep 02 j 23:51	21° ♋ 30'39	25°03'44
asc. node	-1499 Oct 11 j 22:59	5° ♋ 30'39		retrograde	-1498 Sep 14 j 18:15	28° ♋ 20'01	
	-1499 Oct 16 j 16:11	30° ♋		evening set	-1498 Sep 20 j 12:37	25° ♋ 53'23	
morning rise	-1499 Oct 17 j 02:50	29° ♋ 38'36		min. Earth dist.	-1498 Sep 25 j 00:51	20° ♋ 47'24	0.67124 AU
direct	-1499 Oct 21 j 03:18	28° ♋ 07'22		inferior conj	-1498 Sep 25 j 23:08	19° ♋ 34'08	-0°58'57
	-1499 Oct 26 j 00:54	0° ♋		minimum elong	-1498 Sep 26 j 00:35	19° ♋ 29'23	0°58'20
morning max el	-1499 Oct 29 j 11:16	2° ♋ 59'46	20°56'35	asc. node	-1498 Sep 28 j 20:03	16° ♋ 00'04	
	-1499 Nov 18 j 11:09	0° ♋		morning rise	-1498 Oct 01 j 12:36	13° ♋ 32'56	




































































































































Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

direct	-1498 Oct 05 j 01:19	12° \mathbb{M} 20'51		asc. node	-1497 Sep 15 j 17:06	27° \mathbb{Q} 34'34	
morning max el	-1498 Oct 12 j 12:26	16° \mathbb{M} 37'50	19°48'19	direct	-1497 Sep 18 j 23:34	26° \mathbb{Q} 33'23	
	-1498 Oct 22 j 20:39	0° \mathbb{L}			-1497 Sep 25 j 10:42	0° \mathbb{M}	
morning set	-1498 Nov 07 j 01:41	23° \mathbb{L} 04'04		morning max el	-1497 Sep 25 j 20:34	0° \mathbb{M} 24'29	18°54'51
desc. node	-1498 Nov 08 j 12:53	25° \mathbb{L} 20'32			-1497 Oct 16 j 06:13	0° \mathbb{L}	
	-1498 Nov 11 j 12:43	0° \mathbb{M}		morning set	-1497 Oct 17 j 14:46	2° \mathbb{L} 08'31	
max. Earth dist.	-1498 Nov 19 j 04:08	12° \mathbb{M} 02'11	1.44141 AU	desc. node	-1497 Oct 26 j 09:53	16° \mathbb{L} 00'10	
				max. Earth dist.	-1497 Nov 01 j 21:15	26° \mathbb{L} 11'05	1.44871 AU
superior conj	-1498 Nov 23 j 18:01	19° \mathbb{M} 22'40	-1°28'37				
minimum elong	-1498 Nov 23 j 10:21	18° \mathbb{M} 51'43	1°27'54	superior conj	-1497 Nov 02 j 23:34	27° \mathbb{L} 54'44	-0°47'44
	-1498 Nov 30 j 05:45	0° \mathbb{M}		minimum elong	-1497 Nov 02 j 17:34	27° \mathbb{L} 31'05	0°47'00
evening rise	-1498 Dec 07 j 08:20	11° \mathbb{M} 56'27			-1497 Nov 04 j 07:20	0° \mathbb{M}	
	-1498 Dec 18 j 03:29	0° \mathbb{L}		evening rise	-1497 Nov 18 j 10:29	22° \mathbb{M} 34'17	
asc. node	-1498 Dec 25 j 19:18	10° \mathbb{L} 19'36			-1497 Nov 23 j 00:30	0° \mathbb{M}	
evening max el	-1498 Dec 25 j 18:26	10° \mathbb{L} 17'24	18°17'31	evening max el	-1497 Dec 09 j 05:54	23° \mathbb{M} 41'19	18°45'23
retrograde	-1497 Jan 01 j 06:39	13° \mathbb{L} 48'36		asc. node	-1497 Dec 12 j 16:20	26° \mathbb{M} 29'36	
evening set	-1497 Jan 04 j 04:24	13° \mathbb{L} 03'50		retrograde	-1497 Dec 15 j 23:31	27° \mathbb{M} 28'32	
inferior conj	-1497 Jan 10 j 06:44	7° \mathbb{L} 40'23	3°46'49	evening set	-1497 Dec 19 j 02:33	26° \mathbb{M} 32'53	
minimum elong	-1497 Jan 10 j 04:55	7° \mathbb{L} 45'27	3°46'35	inferior conj	-1497 Dec 24 j 21:26	20° \mathbb{M} 51'44	3°23'10
min. Earth dist.	-1497 Jan 12 j 16:15	5° \mathbb{L} 01'18	0.63575 AU	minimum elong	-1497 Dec 24 j 18:42	21° \mathbb{M} 00'05	3°22'34
morning rise	-1497 Jan 16 j 04:48	1° \mathbb{L} 39'44		min. Earth dist.	-1497 Dec 26 j 15:45	18° \mathbb{M} 43'18	0.65097 AU
	-1497 Jan 18 j 17:28	30° \mathbb{R} \mathbb{M}		morning rise	-1497 Dec 30 j 10:31	14° \mathbb{M} 44'17	
direct	-1497 Jan 23 j 04:50	28° \mathbb{M} 52'25		direct	-1496 Jan 06 j 03:15	11° \mathbb{M} 52'30	
	-1497 Jan 27 j 23:50	0° \mathbb{L}		morning max el	-1496 Jan 19 j 07:51	19° \mathbb{M} 32'25	26°58'59
desc. node	-1497 Feb 04 j 12:06	5° \mathbb{L} 18'41		desc. node	-1496 Jan 22 j 09:09	22° \mathbb{M} 47'05	
morning max el	-1497 Feb 05 j 22:11	6° \mathbb{L} 40'29	27°37'52		-1496 Jan 28 j 07:13	0° \mathbb{L}	
	-1497 Feb 23 j 19:14	0° \mathbb{M}			-1496 Feb 16 j 19:25	0° \mathbb{M}	
morning set	-1497 Mar 12 j 12:25	29° \mathbb{M} 40'52		morning set	-1496 Feb 24 j 00:51	13° \mathbb{M} 17'45	
	-1497 Mar 12 j 16:16	0° \mathbb{M}		max. Earth dist.	-1496 Feb 28 j 13:11	22° \mathbb{M} 12'46	1.34253 AU
max. Earth dist.	-1497 Mar 17 j 17:36	10° \mathbb{M} 23'17	1.33227 AU				
superior conj	-1497 Mar 20 j 06:11	15° \mathbb{M} 45'15	-0°36'20	superior conj	-1496 Mar 03 j 08:55	0° \mathbb{M} 04'59	-1°01'57
minimum elong	-1497 Mar 20 j 07:53	15° \mathbb{M} 54'20	0°35'59	minimum elong	-1496 Mar 03 j 11:43	0° \mathbb{M} 19'39	1°01'27
asc. node	-1497 Mar 23 j 18:37	23° \mathbb{M} 19'27			-1496 Mar 03 j 07:58	0° \mathbb{M}	
	-1497 Mar 26 j 21:34	0° \mathbb{Y}		asc. node	-1496 Mar 09 j 15:39	13° \mathbb{M} 19'08	
evening rise	-1497 Mar 27 j 09:12	1° \mathbb{Y} 01'24		evening rise	-1496 Mar 10 j 19:17	15° \mathbb{M} 43'36	
	-1497 Apr 12 j 17:47	0° \mathbb{L}			-1496 Mar 18 j 01:24	0° \mathbb{Y}	
evening max el	-1497 Apr 19 j 01:47	7° \mathbb{L} 19'52	23°03'14	evening max el	-1496 Mar 30 j 22:18	18° \mathbb{Y} 07'09	21°31'28
retrograde	-1497 May 02 j 10:46	13° \mathbb{L} 57'32		retrograde	-1496 Apr 12 j 02:06	24° \mathbb{Y} 01'07	
desc. node	-1497 May 03 j 11:11	13° \mathbb{L} 55'13		evening set	-1496 Apr 14 j 13:30	23° \mathbb{Y} 47'12	
evening set	-1497 May 05 j 21:02	13° \mathbb{L} 31'50		desc. node	-1496 Apr 19 j 08:14	22° \mathbb{Y} 11'17	
min. Earth dist.	-1497 May 13 j 11:29	10° \mathbb{L} 08'56	0.55642 AU	inferior conj	-1496 Apr 23 j 22:36	19° \mathbb{Y} 45'41	-1°17'41
inferior conj	-1497 May 15 j 02:41	9° \mathbb{L} 12'01	-3°03'27	minimum elong	-1496 Apr 23 j 18:59	19° \mathbb{Y} 50'47	1°16'24
minimum elong	-1497 May 14 j 19:56	9° \mathbb{L} 21'52	3°01'35	min. Earth dist.	-1496 Apr 24 j 00:38	19° \mathbb{Y} 42'50	0.55057 AU
morning rise	-1497 May 23 j 21:17	5° \mathbb{L} 16'40		morning rise	-1496 May 03 j 01:04	15° \mathbb{Y} 45'38	
direct	-1497 May 26 j 13:14	4° \mathbb{L} 59'42		direct	-1496 May 06 j 00:43	15° \mathbb{Y} 26'08	
morning max el	-1497 Jun 06 j 09:01	10° \mathbb{L} 01'07	20°32'48	morning max el	-1496 May 18 j 11:39	21° \mathbb{Y} 20'20	22°01'05
asc. node	-1497 Jun 19 j 17:55	29° \mathbb{L} 11'41			-1496 May 25 j 19:35	0° \mathbb{L}	
	-1497 Jun 20 j 04:13	0° \mathbb{M}		asc. node	-1496 Jun 05 j 14:56	18° \mathbb{L} 42'17	
morning set	-1497 Jun 25 j 05:41	10° \mathbb{M} 00'04		morning set	-1496 Jun 08 j 15:11	24° \mathbb{L} 50'33	
					-1496 Jun 11 j 02:11	0° \mathbb{M}	
superior conj	-1497 Jul 02 j 20:47	25° \mathbb{M} 41'56	1°41'51	superior conj	-1496 Jun 15 j 21:55	10° \mathbb{M} 11'46	1°29'48
minimum elong	-1497 Jul 02 j 18:58	25° \mathbb{M} 32'43	1°41'46	minimum elong	-1496 Jun 15 j 19:27	9° \mathbb{M} 58'47	1°29'33
	-1497 Jul 04 j 23:58	0° \mathbb{L}		max. Earth dist.	-1496 Jun 19 j 07:03	17° \mathbb{M} 12'16	1.34632 AU
max. Earth dist.	-1497 Jul 07 j 15:42	5° \mathbb{L} 14'16	1.36109 AU	evening rise	-1496 Jun 23 j 23:16	26° \mathbb{M} 30'51	
evening rise	-1497 Jul 11 j 17:42	12° \mathbb{L} 59'53			-1496 Jun 25 j 19:00	0° \mathbb{L}	
	-1497 Jul 21 j 11:18	0° \mathbb{Q}			-1496 Jul 13 j 19:28	0° \mathbb{Q}	
desc. node	-1497 Jul 30 j 10:28	13° \mathbb{Q} 53'00		desc. node	-1496 Jul 16 j 07:30	3° \mathbb{Q} 31'56	
	-1497 Aug 11 j 16:35	0° \mathbb{M}		evening max el	-1496 Jul 28 j 22:47	18° \mathbb{Q} 34'32	27°00'16
evening max el	-1497 Aug 16 j 11:12	5° \mathbb{M} 05'50	26°11'06	retrograde	-1496 Aug 11 j 03:45	25° \mathbb{Q} 53'44	
retrograde	-1497 Aug 29 j 01:33	12° \mathbb{M} 14'51		evening set	-1496 Aug 18 j 00:33	23° \mathbb{Q} 06'47	
evening set	-1497 Sep 04 j 10:23	9° \mathbb{M} 34'26		min. Earth dist.	-1496 Aug 21 j 21:25	19° \mathbb{Q} 15'45	0.65341 AU
min. Earth dist.	-1497 Sep 08 j 14:35	5° \mathbb{M} 05'42	0.66414 AU	inferior conj	-1496 Aug 23 j 20:09	17° \mathbb{Q} 01'20	-2°45'58
inferior conj	-1497 Sep 10 j 00:29	3° \mathbb{M} 20'24	-1°53'33	minimum elong	-1496 Aug 24 j 00:02	16° \mathbb{Q} 50'10	2°44'40
minimum elong	-1497 Sep 10 j 03:16	3° \mathbb{M} 11'45	1°52'28	morning rise	-1496 Aug 30 j 00:04	11° \mathbb{Q} 23'56	
	-1497 Sep 12 j 20:49	30° \mathbb{R} \mathbb{Q}		direct	-1496 Sep 01 j 19:58	10° \mathbb{Q} 40'15	
morning rise	-1497 Sep 15 j 20:25	27° \mathbb{Q} 29'31		asc. node	-1496 Sep 01 j 14:08	10° \mathbb{Q} 40'34	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning max el	-1496 Sep 08 j 09:36	14° Ω 14'44	18°17'36	inferior conj	-1495 Aug 07 j 07:41	0° Ω 32'28	-3°33'21
	-1496 Sep 19 j 15:05	0° \mathbb{M}		minimum elong	-1495 Aug 07 j 12:05	0° Ω 20'58	3°32'11
morning set	-1496 Sep 27 j 07:22	12° \mathbb{M} 34'23			-1495 Aug 07 j 20:08	30° $\mathbb{R}\mathfrak{E}$	
	-1496 Oct 08 j 01:08	0° $\underline{\mathfrak{A}}$		morning rise	-1495 Aug 13 j 20:55	25° \mathfrak{E} 11'32	
				direct	-1495 Aug 16 j 11:58	24° \mathfrak{E} 37'03	
superior conj	-1496 Oct 12 j 00:41	6° $\underline{\mathfrak{A}}$ 20'06	0°01'42	asc. node	-1495 Aug 19 j 11:12	25° \mathfrak{E} 21'22	
minimum elong	-1496 Oct 12 j 00:54	6° $\underline{\mathfrak{A}}$ 20'56	0°01'40	morning max el	-1495 Aug 23 j 00:54	28° \mathfrak{E} 03'15	17°57'34
behind sun begin	-1496 Oct 11 j 13:51	5° $\underline{\mathfrak{A}}$ 37'10			-1495 Aug 24 j 19:24	0° Ω	
behind sun end	-1496 Oct 12 j 11:56	7° $\underline{\mathfrak{A}}$ 04'39		morning set	-1495 Sep 09 j 02:34	24° Ω 16'47	
desc. node	-1496 Oct 12 j 06:56	6° $\underline{\mathfrak{A}}$ 44'50			-1495 Sep 12 j 10:33	0° \mathbb{M}	
max. Earth dist.	-1496 Oct 14 j 15:52	10° $\underline{\mathfrak{A}}$ 29'38	1.44865 AU				
	-1496 Oct 27 j 02:42	0° \mathbb{L}		superior conj	-1495 Sep 21 j 18:53	15° \mathbb{M} 38'39	0°47'00
evening rise	-1496 Oct 28 j 12:39	2° \mathbb{L} 12'30		minimum elong	-1495 Sep 21 j 23:36	15° \mathbb{M} 57'54	0°46'25
greatest brilliancy	-1496 Nov 09 j 00:26	20° \mathbb{L} 02'06	-0.7m	max. Earth dist.	-1495 Sep 27 j 08:40	24° \mathbb{M} 39'02	1.44144 AU
	-1496 Nov 15 j 19:19	0° \mathfrak{A}		desc. node	-1495 Sep 29 j 03:55	27° \mathbb{M} 31'00	
evening max el	-1496 Nov 21 j 14:00	7° \mathfrak{A} 07'56	19°30'08		-1495 Sep 30 j 17:37	0° $\underline{\mathfrak{A}}$	
retrograde	-1496 Nov 28 j 20:02	11° \mathfrak{A} 19'58		evening rise	-1495 Oct 07 j 21:22	11° $\underline{\mathfrak{A}}$ 09'02	
asc. node	-1496 Nov 28 j 13:22	11° \mathfrak{A} 19'32			-1495 Oct 20 j 07:40	0° \mathbb{L}	
evening set	-1496 Dec 02 j 06:01	10° \mathfrak{A} 11'42		evening max el	-1495 Nov 04 j 17:02	20° \mathbb{L} 35'30	20°29'43
inferior conj	-1496 Dec 07 j 19:40	4° \mathfrak{A} 15'53	2°48'43	retrograde	-1495 Nov 12 j 17:34	25° \mathbb{L} 19'26	
minimum elong	-1496 Dec 07 j 16:44	4° \mathfrak{A} 25'22	2°47'51	asc. node	-1495 Nov 15 j 10:26	24° \mathbb{L} 37'31	
min. Earth dist.	-1496 Dec 08 j 23:56	2° \mathfrak{A} 44'05	0.66241 AU	evening set	-1495 Nov 16 j 12:36	23° \mathbb{L} 56'21	
	-1496 Dec 11 j 05:39	30° $\mathbb{R}\mathbb{L}$		inferior conj	-1495 Nov 21 j 22:50	17° \mathbb{L} 49'09	2°06'29
morning rise	-1496 Dec 13 j 03:13	28° \mathbb{L} 04'02		minimum elong	-1495 Nov 21 j 20:18	17° \mathbb{L} 57'42	2°05'35
direct	-1496 Dec 19 j 07:50	25° \mathbb{L} 20'14		min. Earth dist.	-1495 Nov 22 j 14:39	16° \mathbb{L} 55'34	0.67019 AU
	-1496 Dec 28 j 20:51	0° \mathfrak{A}		morning rise	-1495 Nov 27 j 03:47	11° \mathbb{L} 35'13	
morning max el	-1496 Dec 31 j 17:18	2° \mathfrak{A} 40'02	25°54'19	direct	-1495 Dec 02 j 17:48	9° \mathbb{L} 08'02	
desc. node	-1495 Jan 08 j 06:11	11° \mathfrak{A} 17'54		morning max el	-1495 Dec 14 j 01:44	15° \mathbb{L} 53'28	24°33'20
	-1495 Jan 21 j 12:06	0° \mathfrak{Z}			-1495 Dec 25 j 17:35	0° \mathfrak{A}	
morning set	-1495 Feb 05 j 23:12	26° \mathfrak{Z} 08'06		desc. node	-1495 Dec 26 j 03:14	0° \mathfrak{A} 32'52	
	-1495 Feb 08 j 00:57	0° \approx			-1494 Jan 14 j 10:56	0° \mathfrak{Z}	
max. Earth dist.	-1495 Feb 09 j 20:49	3° \approx 28'57	1.35723 AU	morning set	-1494 Jan 19 j 01:49	7° \mathfrak{Z} 55'19	
				max. Earth dist.	-1494 Jan 22 j 18:28	14° \mathfrak{Z} 31'15	1.37598 AU
superior conj	-1495 Feb 15 j 04:15	13° \approx 57'48	-1°25'26				
minimum elong	-1495 Feb 15 j 07:45	14° \approx 15'32	1°24'58	superior conj	-1494 Jan 29 j 12:52	27° \mathfrak{Z} 14'07	-1°44'46
evening rise	-1495 Feb 23 j 01:53	0° \mathfrak{H} 09'27		minimum elong	-1494 Jan 29 j 16:15	27° \mathfrak{Z} 30'29	1°44'29
	-1495 Feb 23 j 00:02	0° \mathfrak{H}			-1494 Jan 30 j 22:59	0° \approx	
asc. node	-1495 Feb 24 j 12:42	3° \mathfrak{H} 06'03		evening rise	-1494 Feb 07 j 02:41	14° \approx 11'45	
evening max el	-1495 Mar 13 j 05:05	29° \mathfrak{H} 26'51	20°12'51	asc. node	-1494 Feb 11 j 09:45	22° \approx 34'14	
	-1495 Mar 13 j 19:20	0° \mathbb{Y}			-1494 Feb 15 j 12:40	0° \mathfrak{H}	
retrograde	-1495 Mar 23 j 16:58	4° \mathbb{Y} 27'53		evening max el	-1494 Feb 23 j 22:48	11° \mathfrak{H} 23'46	19°12'16
evening set	-1495 Mar 25 j 21:05	4° \mathbb{Y} 15'55		retrograde	-1494 Mar 04 j 19:18	15° \mathfrak{H} 38'15	
inferior conj	-1495 Apr 03 j 19:40	0° \mathbb{Y} 17'10	0°40'27	evening set	-1494 Mar 07 j 01:53	15° \mathfrak{H} 22'42	
minimum elong	-1495 Apr 03 j 21:28	0° \mathbb{Y} 14'30	0°39'49	inferior conj	-1494 Mar 15 j 06:44	11° \mathfrak{H} 12'10	2°18'49
	-1495 Apr 04 j 07:10	30° $\mathbb{R}\mathfrak{H}$		minimum elong	-1494 Mar 15 j 11:17	11° \mathfrak{H} 04'27	2°17'32
min. Earth dist.	-1495 Apr 05 j 14:50	29° \mathfrak{H} 12'57	0.55422 AU	min. Earth dist.	-1494 Mar 18 j 06:11	9° \mathfrak{H} 11'55	0.56659 AU
desc. node	-1495 Apr 06 j 05:18	28° \mathfrak{H} 51'52		morning rise	-1494 Mar 23 j 17:48	6° \mathfrak{H} 16'56	
morning rise	-1495 Apr 12 j 20:00	25° \mathfrak{H} 53'38		desc. node	-1494 Mar 24 j 02:22	6° \mathfrak{H} 09'13	
direct	-1495 Apr 16 j 14:21	25° \mathfrak{H} 22'38		direct	-1494 Mar 28 j 15:48	5° \mathfrak{H} 20'44	
	-1495 Apr 27 j 20:07	0° \mathbb{Y}		morning max el	-1494 Apr 11 j 20:36	12° \mathfrak{H} 37'54	25°17'43
morning max el	-1495 Apr 30 j 05:53	2° \mathbb{Y} 06'08	23°40'05		-1494 Apr 25 j 07:45	0° \mathbb{Y}	
	-1495 May 19 j 06:25	0° \mathfrak{B}		morning set	-1494 May 08 j 14:50	24° \mathbb{Y} 49'26	
asc. node	-1495 May 23 j 12:00	8° \mathfrak{B} 31'52		asc. node	-1494 May 10 j 09:04	28° \mathbb{Y} 33'45	
morning set	-1495 May 24 j 02:49	9° \mathfrak{B} 49'20			-1494 May 11 j 01:07	0° \mathfrak{B}	
superior conj	-1495 May 31 j 04:44	24° \mathfrak{B} 59'43	1°13'04	superior conj	-1494 May 15 j 14:52	9° \mathfrak{B} 57'01	0°52'44
minimum elong	-1495 May 31 j 02:12	24° \mathfrak{B} 46'11	1°12'42	minimum elong	-1494 May 15 j 12:47	9° \mathfrak{B} 45'39	0°52'21
max. Earth dist.	-1495 Jun 02 j 07:59	29° \mathfrak{B} 33'30	1.33542 AU	max. Earth dist.	-1494 May 16 j 16:26	12° \mathfrak{B} 16'06	1.32831 AU
	-1495 Jun 02 j 12:59	0° \mathbb{I}		evening rise	-1494 May 22 j 18:32	25° \mathfrak{B} 11'35	
evening rise	-1495 Jun 07 j 16:47	10° \mathbb{I} 38'56			-1494 May 25 j 03:36	0° \mathbb{I}	
	-1495 Jun 18 j 02:44	0° \mathfrak{E}			-1494 Jun 11 j 16:44	0° \mathfrak{E}	
desc. node	-1495 Jul 03 j 04:32	22° \mathfrak{E} 33'28		desc. node	-1494 Jun 20 j 01:35	10° \mathfrak{E} 41'08	
	-1495 Jul 09 j 14:47	0° Ω		evening max el	-1494 Jun 23 j 17:45	14° \mathfrak{E} 29'40	27°17'03
evening max el	-1495 Jul 11 j 09:42	1° Ω 46'50	27°24'04	retrograde	-1494 Jul 07 j 14:26	21° \mathfrak{E} 49'08	
retrograde	-1495 Jul 25 j 00:21	9° Ω 08'27		evening set	-1494 Jul 14 j 17:22	19° \mathfrak{E} 25'16	
evening set	-1495 Aug 01 j 04:10	6° Ω 26'10		min. Earth dist.	-1494 Jul 18 j 07:34	16° \mathfrak{E} 34'37	0.62121 AU
min. Earth dist.	-1495 Aug 04 j 19:30	3° Ω 09'33	0.63901 AU	inferior conj	-1494 Jul 21 j 08:04	13° \mathfrak{E} 46'24	-4°11'24

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1494 Jul 21 j 11:52	13°  37'32	4°10'44	inferior conj	-1493 Jul 03 j 17:45	26°  34'16	-4°33'22
morning rise	-1494 Jul 28 j 07:44	8°  44'58		minimum elong	-1493 Jul 03 j 19:16	26°  31'09	4°33'16
direct	-1494 Jul 30 j 20:21	8°  16'56		morning rise	-1493 Jul 11 j 04:49	21°  54'47	
asc. node	-1494 Aug 06 j 08:16	11°  25'31		direct	-1493 Jul 13 j 16:58	21°  31'22	
morning max el	-1494 Aug 06 j 15:38	11°  43'12	17°55'49	morning max el	-1493 Jul 21 j 02:55	25°  07'15	18°13'22
	-1494 Aug 18 j 21:22	0°  Ω		asc. node	-1493 Jul 24 j 05:21	28°  37'50	
morning set	-1494 Aug 22 j 18:44	6°  Ω59'32			-1493 Jul 25 j 05:49	0°  ☿	
				morning set	-1493 Aug 06 j 02:16	20°  27'11	
superior conj	-1494 Sep 02 j 16:11	26°  Ω17'26	1°20'14		-1493 Aug 11 j 04:02	0°  Ω	
minimum elong	-1494 Sep 02 j 21:13	26°  Ω38'59	1°19'43				
	-1494 Sep 04 j 20:24	0°  ♍		superior conj	-1493 Aug 15 j 15:17	8°  Ω13'02	1°39'50
max. Earth dist.	-1494 Sep 09 j 21:36	8°  ♍24'09	1.42804 AU	minimum elong	-1493 Aug 15 j 18:18	8°  Ω26'43	1°39'40
desc. node	-1494 Sep 16 j 00:57	18°  ♍15'57		max. Earth dist.	-1493 Aug 23 j 05:16	21°  Ω31'19	1.41022 AU
evening rise	-1494 Sep 17 j 05:10	20°  ♍06'54		evening rise	-1493 Aug 28 j 05:35	29°  Ω51'56	
	-1494 Sep 23 j 15:01	0°  ♌			-1493 Aug 28 j 07:34	0°  ♍	
	-1494 Oct 14 j 23:01	0°  ♌		desc. node	-1493 Sep 02 j 21:57	8°  ♍55'43	
evening max el	-1494 Oct 18 j 14:16	4°  ♌03'33	21°41'04		-1493 Sep 17 j 03:41	0°  ♌	
retrograde	-1494 Oct 27 j 14:08	9°  ♌24'13		evening max el	-1493 Oct 01 j 06:01	17°  ♌31'57	22°59'45
evening set	-1494 Oct 31 j 20:25	7°  ♌44'06		retrograde	-1493 Oct 11 j 08:13	23°  ♌30'58	
asc. node	-1494 Nov 02 j 07:28	6°  ♌23'25		evening set	-1493 Oct 16 j 03:40	21°  ♌32'17	
inferior conj	-1494 Nov 06 j 04:49	1°  ♌28'52	1°18'39	asc. node	-1493 Oct 20 j 04:31	16°  ♌59'05	
minimum elong	-1494 Nov 06 j 03:05	1°  ♌34'50	1°17'56	inferior conj	-1493 Oct 21 j 11:43	15°  ♌12'29	0°26'51
min. Earth dist.	-1494 Nov 06 j 09:27	1°  ♌12'51	0.67454 AU	minimum elong	-1493 Oct 21 j 11:06	15°  ♌14'39	0°26'34
	-1494 Nov 07 j 06:42	30°  ♌ 		min. Earth dist.	-1493 Oct 21 j 05:54	15°  ♌32'33	0.67570 AU
morning rise	-1494 Nov 11 j 09:36	25°  ♌15'16		morning rise	-1493 Oct 26 j 18:26	9°  ♌01'40	
direct	-1494 Nov 16 j 08:23	23°  ♌09'25		direct	-1493 Oct 31 j 02:36	7°  ♌18'15	
morning max el	-1494 Nov 26 j 11:09	29°  ♌10'40	23°06'10	morning max el	-1493 Nov 09 j 01:02	12°  ♌34'07	21°41'31
	-1494 Nov 27 j 06:17	0°  ♌			-1493 Nov 22 j 17:38	0°  ♌	
desc. node	-1494 Dec 13 j 00:17	20°  ♌19'21		desc. node	-1493 Nov 29 j 21:18	10°  ♌27'42	
	-1494 Dec 19 j 13:00	0°  ♌		morning set	-1493 Dec 10 j 21:58	27°  ♌28'09	
morning set	-1494 Dec 31 j 02:27	18°  ♌23'39			-1493 Dec 12 j 11:59	0°  ♌	
max. Earth dist.	-1493 Jan 04 j 13:53	25°  ♌59'07	1.39696 AU	max. Earth dist.	-1493 Dec 17 j 14:14	8°  ♌18'15	1.41729 AU
	-1493 Jan 06 j 21:07	0°  ♌					
superior conj	-1493 Jan 12 j 06:34	9°  ♌43'06	-1°57'02	superior conj	-1493 Dec 25 j 03:50	21°  ♌10'16	-1°58'27
minimum elong	-1493 Jan 12 j 08:24	9°  ♌51'32	1°57'00	minimum elong	-1493 Dec 25 j 02:15	21°  ♌03'22	1°58'26
evening rise	-1493 Jan 21 j 18:57	27°  ♌43'54			-1493 Dec 30 j 03:18	0°  ♌	
	-1493 Jan 22 j 23:24	0°  ♌		evening rise	-1492 Jan 04 j 23:10	10°  ♌37'25	
asc. node	-1493 Jan 29 j 06:49	11°  ♌37'17		asc. node	-1492 Jan 16 j 03:50	0°  ♌06'36	
evening max el	-1493 Feb 07 j 01:30	23°  ♌53'37	18°31'27		-1492 Jan 16 j 02:05	0°  ♌	
retrograde	-1493 Feb 14 j 16:12	27°  ♌37'06		evening max el	-1492 Jan 21 j 10:16	6°  ♌47'46	18°10'43
evening set	-1493 Feb 17 j 03:24	27°  ♌14'57		retrograde	-1492 Jan 28 j 06:55	10°  ♌16'17	
inferior conj	-1493 Feb 24 j 14:12	22°  ♌44'49	3°21'46	evening set	-1492 Jan 30 j 22:09	9°  ♌46'11	
minimum elong	-1493 Feb 24 j 17:54	22°  ♌37'28	3°21'07	inferior conj	-1492 Feb 06 j 17:45	4°  ♌54'34	3°50'53
min. Earth dist.	-1493 Feb 28 j 00:07	20°  ♌04'14	0.58488 AU	minimum elong	-1492 Feb 06 j 19:04	4°  ♌51'33	3°50'47
morning rise	-1493 Mar 04 j 05:56	17°  ♌21'32		min. Earth dist.	-1492 Feb 09 j 23:47	1°  ♌56'48	0.60547 AU
direct	-1493 Mar 10 j 06:24	15°  ♌49'08			-1492 Feb 12 j 09:47	30°  ♌ 	
desc. node	-1493 Mar 10 j 23:26	15°  ♌50'25		morning rise	-1492 Feb 13 j 14:19	29°  ♌11'25	
morning max el	-1493 Mar 24 j 13:53	23°  ♌24'29	26°38'48	direct	-1492 Feb 20 j 08:19	27°  ♌01'37	
	-1493 Mar 30 j 12:06	0°  ♌		desc. node	-1492 Feb 25 j 20:29	28°  ♌20'40	
	-1493 Apr 18 j 05:47	0°  ♌			-1492 Feb 28 j 18:54	0°  ♌	
morning set	-1493 Apr 23 j 01:35	9°  ♌45'09		morning max el	-1492 Mar 05 j 13:16	4°  ♌46'53	27°30'19
asc. node	-1493 Apr 27 j 06:08	18°  ♌43'05			-1492 Mar 24 j 06:41	0°  ♌	
				morning set	-1492 Apr 06 j 09:17	24°  ♌29'59	
superior conj	-1493 Apr 30 j 02:31	24°  ♌57'11	0°29'42		-1492 Apr 09 j 00:10	0°  ♌	
minimum elong	-1493 Apr 30 j 01:14	24°  ♌50'10	0°29'26	max. Earth dist.	-1492 Apr 12 j 17:50	8°  ♌04'17	1.32467 AU
max. Earth dist.	-1493 Apr 30 j 05:01	25°  ♌10'53	1.32476 AU	asc. node	-1492 Apr 13 j 03:11	8°  ♌55'23	
	-1493 May 02 j 09:50	0°  ♌					
evening rise	-1493 May 07 j 01:46	9°  ♌59'30		superior conj	-1492 Apr 13 j 13:58	9°  ♌54'22	0°04'46
	-1493 May 17 j 11:20	0°  ♌		minimum elong	-1492 Apr 13 j 13:45	9°  ♌53'09	0°04'44
evening max el	-1493 Jun 05 j 20:20	26°  ♌31'39	26°36'59	behind sun begin	-1492 Apr 13 j 08:55	9°  ♌26'44	
desc. node	-1493 Jun 06 j 22:37	27°  ♌32'27		behind sun end	-1492 Apr 13 j 18:35	10°  ♌19'36	
	-1493 Jun 09 j 23:15	0°  ♌		evening rise	-1492 Apr 20 j 12:12	24°  ♌54'44	
retrograde	-1493 Jun 19 j 20:31	3°  ♌47'48			-1492 Apr 22 j 23:01	0°  ♌	
evening set	-1493 Jun 26 j 11:40	1°  ♌55'20			-1492 May 10 j 18:30	0°  ♌	
	-1493 Jun 29 j 10:34	30°  ♌ 		evening max el	-1492 May 17 j 16:04	7°  ♌49'21	25°27'19
min. Earth dist.	-1493 Jun 30 j 09:39	29°  ♌16'22	0.60112 AU	desc. node	-1492 May 23 j 19:38	12°  ♌36'47	
				retrograde	-1492 May 31 j 17:15	15°  ♌00'26	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening set	-1492 Jun 06 j 07:45	13° Π 46'38		min. Earth dist.	-1491 May 23 j 18:31	21° \mathcal{B} 44'50	0.56354 AU
min. Earth dist.	-1492 Jun 11 j 04:03	11° Π 01'42	0.58082 AU	inferior conj	-1491 May 26 j 04:28	20° \mathcal{B} 15'39	-3°47'35
inferior conj	-1492 Jun 14 j 09:13	8° Π 46'31	-4°29'22	minimum elong	-1491 May 25 j 22:17	20° \mathcal{B} 25'13	3°46'18
minimum elong	-1492 Jun 14 j 06:47	8° Π 50'50	4°29'10	morning rise	-1491 Jun 03 j 16:21	16° \mathcal{B} 15'25	
morning rise	-1492 Jun 22 j 08:31	4° Π 29'16		direct	-1491 Jun 06 j 06:17	15° \mathcal{B} 58'08	
direct	-1492 Jun 24 j 21:18	4° Π 09'24		morning max el	-1491 Jun 16 j 03:37	20° \mathcal{B} 32'48	19°49'56
morning max el	-1492 Jul 03 j 07:50	8° Π 07'16	18°51'16		-1491 Jun 23 j 16:20	0° Π	
asc. node	-1492 Jul 10 j 02:25	16° Π 43'51		asc. node	-1491 Jun 26 j 23:28	5° Π 30'16	
	-1492 Jul 17 j 13:31	0° \mathcal{E}		morning set	-1491 Jul 03 j 23:11	18° Π 54'47	
morning set	-1492 Jul 19 j 20:52	4° \mathcal{E} 28'51			-1491 Jul 09 j 10:21	0° \mathcal{E}	
superior conj	-1492 Jul 28 j 10:46	21° \mathcal{E} 11'00	1°47'38	superior conj	-1491 Jul 11 j 21:03	4° \mathcal{E} 54'22	1°46'06
minimum elong	-1492 Jul 28 j 11:27	21° \mathcal{E} 14'18	1°47'39	minimum elong	-1491 Jul 11 j 19:56	4° \mathcal{E} 48'50	1°46'06
	-1492 Aug 02 j 04:18	0° Ω		max. Earth dist.	-1491 Jul 17 j 11:43	15° \mathcal{E} 47'19	1.37109 AU
max. Earth dist.	-1492 Aug 04 j 08:25	3° Ω 54'54	1.39037 AU	evening rise	-1491 Jul 21 j 08:37	22° \mathcal{E} 55'45	
evening rise	-1492 Aug 08 j 07:05	10° Ω 48'45			-1491 Jul 25 j 08:54	0° Ω	
desc. node	-1492 Aug 19 j 18:57	29° Ω 26'42		desc. node	-1491 Aug 06 j 15:59	19° Ω 43'11	
	-1492 Aug 20 j 03:40	0° \mathcal{N}			-1491 Aug 13 j 21:39	0° \mathcal{N}	
	-1492 Sep 11 j 17:22	0° \mathcal{A}		evening max el	-1491 Aug 26 j 05:19	14° \mathcal{N} 37'22	25°34'05
evening max el	-1492 Sep 12 j 18:12	1° \mathcal{A} 03'05	24°19'47	retrograde	-1491 Sep 07 j 09:08	21° \mathcal{N} 37'11	
retrograde	-1492 Sep 23 j 22:50	7° \mathcal{A} 36'58		evening set	-1491 Sep 13 j 09:44	19° \mathcal{N} 03'58	
evening set	-1492 Sep 29 j 08:43	5° \mathcal{A} 19'48		min. Earth dist.	-1491 Sep 17 j 18:24	14° \mathcal{N} 13'31	0.66861 AU
	-1492 Oct 03 j 23:46	30° \mathcal{R} \mathcal{N}		inferior conj	-1491 Sep 18 j 21:32	12° \mathcal{N} 46'11	-1°22'16
min. Earth dist.	-1492 Oct 04 j 01:41	29° \mathcal{N} 53'35	0.67377 AU	minimum elong	-1491 Sep 18 j 23:34	12° \mathcal{N} 39'40	1°21'26
inferior conj	-1492 Oct 04 j 17:53	28° \mathcal{N} 59'04	-0°27'18	asc. node	-1491 Sep 22 j 22:37	8° \mathcal{N} 05'41	
minimum elong	-1492 Oct 04 j 18:33	28° \mathcal{N} 56'51	0°27'02	morning rise	-1491 Sep 24 j 13:34	6° \mathcal{N} 48'56	
asc. node	-1492 Oct 06 j 01:34	27° \mathcal{N} 13'56		direct	-1491 Sep 27 j 21:49	5° \mathcal{N} 44'15	
morning rise	-1492 Oct 10 j 04:24	22° \mathcal{N} 53'37		morning max el	-1491 Oct 05 j 02:17	9° \mathcal{N} 49'29	19°23'37
direct	-1492 Oct 13 j 23:32	21° \mathcal{N} 31'06			-1491 Oct 19 j 19:33	0° \mathcal{A}	
morning max el	-1492 Oct 21 j 21:57	26° \mathcal{N} 07'18	20°25'57	morning set	-1491 Oct 28 j 22:25	14° \mathcal{A} 06'37	
	-1492 Oct 25 j 08:34	0° \mathcal{A}		desc. node	-1491 Nov 02 j 15:20	21° \mathcal{A} 26'51	
	-1492 Nov 15 j 04:47	0° \mathcal{M}			-1491 Nov 08 j 02:21	0° \mathcal{M}	
desc. node	-1492 Nov 15 j 18:19	0° \mathcal{M} 51'51		max. Earth dist.	-1491 Nov 11 j 11:37	5° \mathcal{M} 20'21	1.44531 AU
morning set	-1492 Nov 18 j 21:02	5° \mathcal{M} 40'03					
max. Earth dist.	-1492 Nov 28 j 21:46	21° \mathcal{M} 29'26	1.43412 AU	superior conj	-1491 Nov 14 j 16:33	10° \mathcal{M} 25'40	-1°13'01
	-1492 Dec 04 j 03:09	0° \mathcal{X}		minimum elong	-1491 Nov 14 j 08:48	9° \mathcal{M} 54'46	1°12'12
superior conj	-1492 Dec 04 j 23:28	1° \mathcal{X} 23'57	-1°44'39		-1491 Nov 26 j 17:59	0° \mathcal{X}	
minimum elong	-1492 Dec 04 j 17:28	0° \mathcal{X} 59'06	1°44'15	evening rise	-1491 Nov 29 j 02:51	3° \mathcal{X} 55'41	
evening rise	-1492 Dec 17 j 11:17	22° \mathcal{X} 44'08			-1491 Dec 15 j 14:16	0° \mathcal{Z}	
	-1492 Dec 21 j 15:03	0° \mathcal{Z}		evening max el	-1491 Dec 18 j 10:37	3° \mathcal{Z} 19'16	18°27'19
asc. node	-1491 Jan 02 j 00:51	17° \mathcal{Z} 52'09		asc. node	-1491 Dec 19 j 21:52	4° \mathcal{Z} 41'22	
evening max el	-1491 Jan 03 j 22:12	19° \mathcal{Z} 58'24	18°09'37	retrograde	-1491 Dec 25 j 00:21	6° \mathcal{Z} 56'12	
retrograde	-1491 Jan 10 j 11:07	23° \mathcal{Z} 25'33		evening set	-1491 Dec 28 j 00:06	6° \mathcal{Z} 07'09	
evening set	-1491 Jan 13 j 06:13	22° \mathcal{Z} 46'34		inferior conj	-1490 Jan 02 j 23:00	0° \mathcal{Z} 36'09	3°38'20
inferior conj	-1491 Jan 19 j 14:00	17° \mathcal{Z} 34'21	3°53'54	minimum elong	-1490 Jan 02 j 20:41	0° \mathcal{Z} 42'51	3°37'57
minimum elong	-1491 Jan 19 j 13:06	17° \mathcal{Z} 36'43	3°53'50		-1490 Jan 03 j 11:27	30° \mathcal{R} \mathcal{X}	
min. Earth dist.	-1491 Jan 22 j 08:05	14° \mathcal{Z} 42'47	0.62536 AU	min. Earth dist.	-1490 Jan 05 j 02:08	28° \mathcal{X} 08'34	0.64261 AU
morning rise	-1491 Jan 25 j 19:00	11° \mathcal{Z} 38'30		morning rise	-1490 Jan 08 j 16:45	24° \mathcal{X} 32'10	
direct	-1491 Feb 01 j 19:35	9° \mathcal{Z} 00'29		direct	-1490 Jan 15 j 14:32	21° \mathcal{X} 40'50	
desc. node	-1491 Feb 11 j 17:32	13° \mathcal{Z} 14'43		morning max el	-1490 Jan 29 j 03:14	29° \mathcal{X} 27'33	27°25'02
morning max el	-1491 Feb 15 j 18:31	16° \mathcal{Z} 50'16	27°45'34	desc. node	-1490 Jan 29 j 14:34	29° \mathcal{X} 56'03	
	-1491 Feb 26 j 17:09	0° \approx			-1490 Jan 29 j 16:07	0° \mathcal{Z}	
	-1491 Mar 16 j 22:28	0° \mathcal{H}			-1490 Feb 20 j 14:16	0° \approx	
morning set	-1491 Mar 21 j 11:44	8° \mathcal{H} 56'09		morning set	-1490 Mar 05 j 06:18	22° \approx 54'40	
max. Earth dist.	-1491 Mar 27 j 02:53	20° \mathcal{H} 41'44	1.32830 AU		-1490 Mar 08 j 19:05	0° \mathcal{H}	
superior conj	-1491 Mar 28 j 23:33	24° \mathcal{H} 42'16	-0°21'16	max. Earth dist.	-1490 Mar 10 j 04:12	2° \mathcal{H} 50'32	1.33602 AU
minimum elong	-1491 Mar 29 j 00:32	24° \mathcal{H} 47'38	0°21'02				
asc. node	-1491 Mar 31 j 00:13	29° \mathcal{H} 06'14		superior conj	-1490 Mar 13 j 05:26	9° \mathcal{H} 14'58	-0°47'20
	-1491 Mar 31 j 10:07	0° \mathcal{Y}		minimum elong	-1490 Mar 13 j 07:38	9° \mathcal{H} 26'36	0°46'55
evening rise	-1491 Apr 04 j 23:55	9° \mathcal{Y} 50'05		asc. node	-1490 Mar 17 j 21:15	19° \mathcal{H} 11'39	
	-1491 Apr 15 j 11:06	0° \mathcal{B}		evening rise	-1490 Mar 20 j 11:08	24° \mathcal{H} 39'18	
evening max el	-1491 Apr 29 j 07:18	18° \mathcal{B} 34'18	23°57'58		-1490 Mar 23 j 01:17	0° \mathcal{Y}	
desc. node	-1491 May 10 j 16:41	25° \mathcal{B} 16'41		evening max el	-1490 Apr 11 j 00:12	29° \mathcal{Y} 13'42	22°23'15
retrograde	-1491 May 13 j 02:29	25° \mathcal{B} 29'57			-1490 Apr 11 j 20:04	0° \mathcal{B}	
evening set	-1491 May 17 j 07:13	24° \mathcal{B} 50'49		retrograde	-1490 Apr 23 j 22:57	5° \mathcal{B} 34'38	
				evening set	-1490 Apr 26 j 21:19	5° \mathcal{B} 15'44	
				desc. node	-1490 Apr 27 j 13:42	5° \mathcal{B} 06'09	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

min. Earth dist.	-1490 May 05 j 07:58	1° U 37'11	0.55282 AU	evening set	-1489 Apr 06 j 18:49	15° Y 31'55	
inferior conj	-1490 May 06 j 06:22	1° U 05'25	-2°22'19	desc. node	-1489 Apr 14 j 10:45	12° Y 27'42	
minimum elong	-1490 May 06 j 00:20	1° U 13'59	2°20'24	inferior conj	-1489 Apr 16 j 00:54	11° Y 34'01	-0°27'03
	-1490 May 08 j 05:07	30° R Y		minimum elong	-1489 Apr 15 j 23:38	11° Y 35'50	0°26'36
morning rise	-1490 May 15 j 05:06	27° Y 09'57		min. Earth dist.	-1489 Apr 16 j 21:25	11° Y 04'52	0.55102 AU
direct	-1490 May 17 j 23:11	26° Y 52'37		morning rise	-1489 Apr 25 j 03:55	7° Y 25'59	
	-1490 May 26 j 17:53	0° U		direct	-1489 Apr 28 j 10:25	7° Y 02'49	
morning max el	-1490 May 29 j 12:27	2° U 16'39	21°08'20	morning max el	-1489 May 11 j 10:50	13° Y 19'01	22°42'23
asc. node	-1490 Jun 13 j 20:32	24° U 47'19			-1489 May 24 j 00:50	0° U	
	-1490 Jun 16 j 11:54	0° II		asc. node	-1489 May 31 j 17:36	14° U 26'50	
morning set	-1490 Jun 18 j 06:40	3° II 38'11		morning set	-1489 Jun 02 j 17:19	18° U 32'55	
					-1489 Jun 08 j 02:43	0° II	
superior conj	-1490 Jun 25 j 17:46	19° II 10'13	1°37'24	superior conj	-1489 Jun 09 j 21:37	3° II 48'31	1°23'13
minimum elong	-1490 Jun 25 j 15:35	18° II 59'00	1°37'14	minimum elong	-1489 Jun 09 j 19:04	3° II 34'56	1°22'54
max. Earth dist.	-1490 Jun 29 j 21:41	27° II 36'57	1.35442 AU	max. Earth dist.	-1489 Jun 12 j 17:28	9° II 45'16	1.34130 AU
	-1490 Jul 01 j 02:38	0° U		evening rise	-1489 Jun 17 j 16:40	19° II 48'55	
evening rise	-1490 Jul 04 j 05:29	6° U 00'32			-1489 Jun 23 j 01:37	0° U	
	-1490 Jul 18 j 02:44	0° Q		desc. node	-1489 Jul 11 j 10:02	29° U 02'53	
desc. node	-1490 Jul 24 j 13:00	9° Q 38'17			-1489 Jul 12 j 03:13	0° Q	
evening max el	-1490 Aug 08 j 16:56	28° Q 11'18	26°34'42	evening max el	-1489 Jul 22 j 04:43	11° Q 35'34	27°13'53
	-1490 Aug 10 j 16:06	0° W		retrograde	-1489 Aug 04 j 14:08	18° Q 55'35	
retrograde	-1490 Aug 21 j 14:24	5° W 25'48		evening set	-1489 Aug 11 j 14:41	16° Q 09'24	
evening set	-1490 Aug 28 j 04:35	2° W 41'47		min. Earth dist.	-1489 Aug 15 j 09:01	12° Q 33'31	0.64777 AU
	-1490 Aug 30 j 22:06	30° R Q		inferior conj	-1489 Aug 17 j 13:21	10° Q 08'47	-3°06'55
min. Earth dist.	-1490 Sep 01 j 05:38	28° Q 28'50	0.66002 AU	minimum elong	-1489 Aug 17 j 17:33	9° Q 57'09	3°05'36
inferior conj	-1490 Sep 02 j 20:46	26° Q 30'51	-2°16'14	morning rise	-1489 Aug 23 j 21:03	4° Q 37'48	
minimum elong	-1490 Sep 03 j 00:03	26° Q 20'55	2°15'01	direct	-1489 Aug 26 j 14:43	3° Q 58'15	
morning rise	-1490 Sep 08 j 19:54	20° Q 45'00		asc. node	-1489 Aug 27 j 16:46	4° Q 04'30	
asc. node	-1490 Sep 09 j 19:41	20° Q 17'09		morning max el	-1489 Sep 02 j 03:02	7° Q 27'59	18°06'52
direct	-1490 Sep 11 j 19:39	19° Q 54'34			-1489 Sep 17 j 07:11	0° W	
morning max el	-1490 Sep 18 j 12:43	23° Q 37'47	18°36'50	morning set	-1489 Sep 20 j 03:17	4° W 45'27	
	-1490 Sep 23 j 16:56	0° W					
morning set	-1490 Oct 08 j 22:41	23° W 44'21		superior conj	-1489 Oct 03 j 23:38	27° W 28'57	0°22'05
	-1490 Oct 12 j 20:36	0° U		minimum elong	-1489 Oct 04 j 02:16	27° W 39'29	0°21'43
desc. node	-1490 Oct 20 j 12:21	12° U 08'48			-1489 Oct 05 j 13:27	0° U	
superior conj	-1490 Oct 24 j 17:24	18° U 46'51	-0°27'03	desc. node	-1489 Oct 07 j 09:24	2° U 54'40	
minimum elong	-1490 Oct 24 j 13:49	18° U 32'48	0°26'35	max. Earth dist.	-1489 Oct 08 j 00:19	3° U 53'44	1.44647 AU
max. Earth dist.	-1490 Oct 25 j 05:30	19° U 34'30	1.44959 AU	evening rise	-1489 Oct 20 j 11:58	23° U 24'28	
	-1490 Oct 31 j 20:29	0° W			-1489 Oct 24 j 18:28	0° W	
evening rise	-1490 Nov 09 j 18:31	14° W 06'49		greatest brilliancy	-1489 Nov 02 j 19:05	13° W 44'10	-0.7m
greatest brilliancy	-1490 Nov 18 j 02:15	27° W 20'18	-0.8m		-1489 Nov 14 j 22:24	0° X	
	-1490 Nov 19 j 18:54	0° X		evening max el	-1489 Nov 15 j 03:11	0° X 12'27	19°53'49
evening max el	-1490 Dec 01 j 20:58	16° X 44'50	19°02'36	retrograde	-1489 Nov 22 j 16:10	4° X 36'52	
asc. node	-1490 Dec 06 j 18:55	20° X 19'02		asc. node	-1489 Nov 23 j 15:58	4° X 31'14	
retrograde	-1490 Dec 08 j 18:59	20° X 41'17		evening set	-1489 Nov 26 j 05:52	3° X 22'22	
evening set	-1490 Dec 12 j 00:48	19° X 40'29			-1489 Nov 29 j 16:24	30° R W	
inferior conj	-1490 Dec 17 j 17:13	13° X 52'59	3°09'38	inferior conj	-1489 Dec 01 j 17:50	27° W 21'16	2°31'36
minimum elong	-1490 Dec 17 j 14:19	14° X 02'03	3°08'55	minimum elong	-1489 Dec 01 j 15:01	27° W 30'35	2°30'41
min. Earth dist.	-1490 Dec 19 j 05:26	11° X 59'38	0.65630 AU	min. Earth dist.	-1489 Dec 02 j 16:33	26° W 06'00	0.66620 AU
morning rise	-1490 Dec 23 j 03:34	7° X 43'38		morning rise	-1489 Dec 06 j 24:00	21° W 08'30	
direct	-1490 Dec 29 j 15:46	4° X 53'41		direct	-1489 Dec 12 j 22:36	18° W 31'10	
morning max el	-1489 Jan 11 j 12:44	12° X 26'20	26°34'07	morning max el	-1489 Dec 24 j 21:40	25° W 37'03	25°21'17
desc. node	-1489 Jan 16 j 11:36	17° X 53'15			-1489 Dec 28 j 22:18	0° X	
	-1489 Jan 25 j 16:42	0° Z		desc. node	-1488 Jan 03 j 08:40	6° X 44'32	
	-1489 Feb 13 j 04:50	0° \approx			-1488 Jan 19 j 05:31	0° Z	
morning set	-1489 Feb 16 j 13:18	6° \approx 13'03		morning set	-1488 Jan 30 j 03:56	18° Z 37'48	
max. Earth dist.	-1489 Feb 20 j 18:32	14° \approx 23'32	1.34821 AU	max. Earth dist.	-1488 Feb 02 j 21:37	25° Z 30'55	1.36485 AU
					-1488 Feb 05 j 06:12	0° \approx	
superior conj	-1489 Feb 25 j 05:21	23° \approx 24'12	-1°12'16	superior conj	-1488 Feb 08 j 20:33	7° \approx 02'14	-1°34'17
minimum elong	-1489 Feb 25 j 08:32	23° \approx 40'34	1°11'46	minimum elong	-1488 Feb 09 j 00:09	7° \approx 20'04	1°33'54
	-1489 Feb 28 j 09:31	0° X		evening rise	-1488 Feb 17 j 00:23	23° \approx 31'29	
evening rise	-1489 Mar 04 j 19:58	9° X 15'07		asc. node	-1488 Feb 19 j 15:19	28° \approx 45'42	
asc. node	-1489 Mar 04 j 18:17	9° X 06'24			-1488 Feb 20 j 06:29	0° X	
	-1489 Mar 15 j 23:28	0° Y		evening max el	-1488 Mar 05 j 12:16	21° X 47'43	19°44'37
evening max el	-1489 Mar 24 j 00:52	10° Y 13'17	20°56'06	retrograde	-1488 Mar 15 j 06:28	26° X 27'36	
retrograde	-1489 Apr 04 j 12:01	15° Y 44'12					

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening set	-1488 Mar 17 j 11:08	26° H 14'30		evening set	-1487 Feb 27 j 01:03	7° H 40'49	
inferior conj	-1488 Mar 26 j 02:30	22° H 11'43	1°26'03	inferior conj	-1487 Mar 06 j 21:59	3° H 22'22	2°50'04
minimum elong	-1488 Mar 26 j 05:58	22° H 06'18	1°24'55	minimum elong	-1487 Mar 07 j 02:30	3° H 14'09	2°48'58
min. Earth dist.	-1488 Mar 28 j 11:35	20° H 42'46	0.55857 AU	min. Earth dist.	-1487 Mar 10 j 03:53	1° H 02'23	0.57376 AU
desc. node	-1488 Mar 31 j 07:48	19° H 05'46			-1487 Mar 11 j 17:36	30° R \approx	
morning rise	-1488 Apr 03 j 22:25	17° H 35'17		morning rise	-1487 Mar 15 j 01:05	28° \approx 13'55	
direct	-1488 Apr 08 j 03:55	16° H 55'30		desc. node	-1487 Mar 18 j 04:52	27° \approx 15'44	
morning max el	-1488 Apr 22 j 02:44	23° H 54'39	24°22'48	direct	-1487 Mar 20 j 10:47	27° \approx 03'24	
	-1488 Apr 27 j 15:01	0° Y			-1487 Mar 29 j 04:52	0° H	
	-1488 May 15 j 12:22	0° B		morning max el	-1487 Apr 03 j 18:09	4° H 30'20	25°55'18
morning set	-1488 May 17 j 05:19	3° B 32'52			-1487 Apr 22 j 04:09	0° Y	
asc. node	-1488 May 17 j 14:40	4° B 22'07		morning set	-1487 May 01 j 17:02	18° Y 32'21	
				asc. node	-1487 May 04 j 11:43	24° Y 27'57	
					-1487 May 07 j 00:45	0° B	
superior conj	-1488 May 24 j 06:03	18° B 40'53	1°04'49	superior conj	-1487 May 08 j 17:04	3° B 40'36	0°43'15
minimum elong	-1488 May 24 j 03:40	18° B 27'58	1°04'26	minimum elong	-1487 May 08 j 15:18	3° B 30'51	0°42'55
max. Earth dist.	-1488 May 25 j 22:09	22° B 17'03	1.33194 AU	max. Earth dist.	-1487 May 09 j 08:44	5° B 06'16	1.32627 AU
	-1488 May 29 j 13:41	0° II		evening rise	-1487 May 15 j 18:24	18° B 48'30	
evening rise	-1488 May 31 j 14:02	4° II 08'12			-1487 May 21 j 09:25	0° II	
	-1488 Jun 14 j 18:54	0° E			-1487 Jun 09 j 10:32	0° E	
desc. node	-1488 Jun 27 j 07:04	17° E 43'43		desc. node	-1487 Jun 14 j 04:05	5° E 22'29	
evening max el	-1488 Jul 03 j 14:40	24° E 36'36	27°25'01	evening max el	-1487 Jun 15 j 20:26	7° E 02'40	27°03'58
	-1488 Jul 10 j 15:24	0° Ω		retrograde	-1487 Jun 29 j 18:56	14° E 21'40	
retrograde	-1488 Jul 17 j 07:51	1° Ω 57'12		evening set	-1487 Jul 06 j 18:28	12° E 09'21	
	-1488 Jul 23 j 13:24	30° R E		min. Earth dist.	-1487 Jul 10 j 10:19	9° E 25'58	0.61285 AU
evening set	-1488 Jul 24 j 12:41	29° E 20'48		inferior conj	-1487 Jul 13 j 15:07	6° E 37'31	-4°23'12
min. Earth dist.	-1488 Jul 28 j 02:44	26° E 16'58	0.63186 AU	minimum elong	-1487 Jul 13 j 18:11	6° E 30'44	4°22'48
inferior conj	-1488 Jul 30 j 20:32	23° E 33'23	-3°50'58	morning rise	-1487 Jul 20 j 19:35	1° E 45'35	
minimum elong	-1488 Jul 31 j 00:52	23° E 22'37	3°49'58	direct	-1487 Jul 23 j 07:44	1° E 19'48	
morning rise	-1488 Aug 06 j 14:06	18° E 20'35		morning max el	-1487 Jul 30 j 08:13	4° E 48'46	18°00'51
direct	-1488 Aug 09 j 03:57	17° E 49'03		asc. node	-1487 Jul 31 j 10:56	5° E 57'57	
asc. node	-1488 Aug 13 j 13:51	19° E 22'32		morning set	-1487 Aug 15 j 07:26	29° E 58'52	
morning max el	-1488 Aug 15 j 18:30	21° E 13'48	17°54'33		-1487 Aug 15 j 07:41	0° Ω	
	-1488 Aug 22 j 10:04	0° Ω		superior conj	-1487 Aug 25 j 13:53	18° Ω 34'07	1°30'07
morning set	-1488 Sep 01 j 08:07	16° Ω 55'27		minimum elong	-1487 Aug 25 j 18:12	18° Ω 53'03	1°29'46
	-1488 Sep 08 j 20:38	0° M			-1487 Sep 01 j 06:04	0° M	
superior conj	-1488 Sep 13 j 04:59	7° M 20'35	1°02'48	max. Earth dist.	-1487 Sep 02 j 02:28	1° M 24'56	1.42088 AU
minimum elong	-1488 Sep 13 j 10:16	7° M 42'35	1°02'10	evening rise	-1487 Sep 08 j 07:00	11° M 28'06	
max. Earth dist.	-1488 Sep 19 j 16:10	17° M 56'18	1.43642 AU	desc. node	-1487 Sep 10 j 03:26	14° M 23'44	
desc. node	-1488 Sep 23 j 06:25	23° M 40'38			-1487 Sep 20 j 09:08	0° E	
	-1488 Sep 27 j 07:05	0° E		evening max el	-1487 Oct 10 j 22:17	27° E 06'48	22°13'54
evening rise	-1488 Sep 28 j 17:55	2° E 15'12			-1487 Oct 14 j 02:34	0° M	
	-1488 Oct 17 j 08:35	0° M		retrograde	-1487 Oct 20 j 09:24	2° M 44'31	
evening max el	-1488 Oct 28 j 03:41	13° M 39'32	20°58'47	evening set	-1487 Oct 24 j 20:59	0° M 56'42	
retrograde	-1488 Nov 05 j 13:36	18° M 38'53			-1487 Oct 25 j 22:04	30° R E	
evening set	-1488 Nov 09 j 13:13	17° M 08'37		asc. node	-1487 Oct 27 j 10:05	28° E 20'30	
asc. node	-1488 Nov 09 j 13:01	17° M 08'58		inferior conj	-1487 Oct 30 j 05:03	24° E 38'50	0°57'04
inferior conj	-1488 Nov 14 j 22:27	10° M 57'16	1°46'46	minimum elong	-1487 Oct 30 j 03:45	24° E 43'19	0°56'30
minimum elong	-1488 Nov 14 j 20:13	11° M 04'55	1°45'54	min. Earth dist.	-1487 Oct 30 j 05:11	24° E 38'21	0.67541 AU
min. Earth dist.	-1488 Nov 15 j 09:17	10° M 20'09	0.67245 AU	morning rise	-1487 Nov 04 j 10:23	18° E 25'51	
morning rise	-1488 Nov 20 j 03:03	4° M 43'12		direct	-1487 Nov 09 j 02:42	16° E 29'40	
direct	-1488 Nov 25 j 10:27	2° M 25'03		morning max el	-1487 Nov 18 j 17:18	22° E 11'55	22°29'16
morning max el	-1488 Dec 06 j 06:22	8° M 52'34	23°56'27		-1487 Nov 25 j 10:34	0° M	
desc. node	-1488 Dec 20 j 05:43	26° M 13'54		desc. node	-1487 Dec 07 j 02:45	16° M 10'18	
	-1488 Dec 22 j 21:18	0° J			-1487 Dec 16 j 05:47	0° J	
morning set	-1487 Jan 10 j 20:14	29° J 53'02		morning set	-1487 Dec 22 j 08:23	9° J 44'44	
	-1487 Jan 10 j 21:51	0° B		max. Earth dist.	-1487 Dec 27 j 13:52	18° J 25'54	1.40580 AU
max. Earth dist.	-1487 Jan 14 j 17:33	6° B 40'28	1.38478 AU		-1486 Jan 03 j 05:31	0° B	
superior conj	-1487 Jan 21 j 23:23	19° B 59'24	-1°51'02	superior conj	-1486 Jan 04 j 09:01	2° B 03'17	-1°59'13
minimum elong	-1487 Jan 22 j 02:19	20° B 13'19	1°50'53	minimum elong	-1486 Jan 04 j 09:38	2° B 06'01	1°59'14
	-1487 Jan 27 j 03:50	0° \approx		evening rise	-1486 Jan 14 j 09:31	20° B 38'09	
evening rise	-1487 Jan 30 j 21:56	7° \approx 21'50			-1486 Jan 19 j 10:17	0° \approx	
asc. node	-1487 Feb 05 j 12:21	18° \approx 03'58		asc. node	-1486 Jan 23 j 09:23	6° \approx 53'39	
	-1487 Feb 12 j 22:30	0° H		evening max el	-1486 Jan 30 j 15:40	16° \approx 40'15	18°20'16
evening max el	-1487 Feb 16 j 10:01	3° H 59'03	18°52'25				
retrograde	-1487 Feb 24 j 16:42	7° H 58'49					

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

retrograde	-1486 Feb 06 j 21:25	20° \approx 15'29			-1485 Jan 14 j 09:17	0° \approx		
evening set	-1486 Feb 09 j 10:19	19° \approx 50'11		retrograde	-1485 Jan 20 j 18:16	3° \approx 08'53		
inferior conj	-1486 Feb 16 j 14:17	15° \approx 11'19	3°37'52	evening set	-1485 Jan 23 j 11:15	2° \approx 35'01		
minimum elong	-1486 Feb 16 j 17:02	15° \approx 05'30	3°37'29		-1485 Jan 27 j 10:29	30° \approx 3		
min. Earth dist.	-1486 Feb 20 j 00:09	12° \approx 19'59	0.59349 AU	inferior conj	-1485 Jan 30 j 01:26	27° \approx 34'39	3°54'50	
morning rise	-1486 Feb 23 j 21:31	9° \approx 38'24		minimum elong	-1485 Jan 30 j 01:44	27° \approx 33'56	3°54'48	
direct	-1486 Mar 02 j 06:50	7° \approx 49'10		min. Earth dist.	-1485 Feb 02 j 03:07	24° \approx 36'55	0.61420 AU	
desc. node	-1486 Mar 05 j 01:55	8° \approx 09'24		morning rise	-1485 Feb 05 j 14:53	21° \approx 34'52		
morning max el	-1486 Mar 16 j 13:48	15° \approx 30'24	27°04'55	direct	-1485 Feb 12 j 13:13	19° \approx 32'07		
	-1486 Mar 28 j 08:27	0° \approx		desc. node	-1485 Feb 19 j 22:57	21° \approx 34'50		
	-1486 Apr 14 j 11:06	0° \approx		morning max el	-1485 Feb 26 j 15:38	27° \approx 09'35	27°41'17	
morning set	-1486 Apr 16 j 02:40	3° \approx 23'56			-1485 Mar 01 j 08:47	0° \approx		
asc. node	-1486 Apr 21 j 08:44	14° \approx 38'47			-1485 Mar 21 j 22:37	0° \approx		
				morning set	-1485 Mar 31 j 08:23	18° \approx 01'14		
superior conj	-1486 Apr 23 j 04:49	18° \approx 40'09	0°19'19		-1485 Apr 06 j 00:20	0° \approx		
minimum elong	-1486 Apr 23 j 03:58	18° \approx 35'27	0°19'08	max. Earth dist.	-1485 Apr 06 j 09:16	0° \approx 48'26	1.32577 AU	
max. Earth dist.	-1486 Apr 22 j 21:40	18° \approx 00'53	1.32421 AU					
	-1486 Apr 28 j 09:43	0° \approx		superior conj	-1485 Apr 07 j 15:41	3° \approx 33'51	-0°06'12	
evening rise	-1486 Apr 30 j 03:13	3° \approx 40'07		minimum elong	-1485 Apr 07 j 15:58	3° \approx 35'24	0°06'08	
	-1486 May 14 j 06:55	0° \approx		behind sun begin	-1485 Apr 07 j 11:15	3° \approx 09'42		
evening max el	-1486 May 28 j 20:04	18° \approx 45'13	26°10'37	behind sun end	-1485 Apr 07 j 20:41	4° \approx 01'06		
desc. node	-1486 Jun 01 j 01:07	21° \approx 32'20		asc. node	-1485 Apr 08 j 05:46	4° \approx 50'39		
retrograde	-1486 Jun 11 j 21:40	26° \approx 00'17		evening rise	-1485 Apr 14 j 14:25	18° \approx 36'02		
evening set	-1486 Jun 18 j 03:33	24° \approx 24'06			-1485 Apr 20 j 05:31	0° \approx		
min. Earth dist.	-1486 Jun 22 j 08:59	21° \approx 44'26	0.59230 AU	evening max el	-1485 May 10 j 13:34	29° \approx 46'46	24°50'57	
inferior conj	-1486 Jun 25 j 17:24	19° \approx 11'06	-4°35'36		-1485 May 10 j 19:08	0° \approx		
minimum elong	-1486 Jun 25 j 17:24	19° \approx 11'06	4°35'35	desc. node	-1485 May 18 j 22:09	5° \approx 39'19		
morning rise	-1486 Jul 03 j 09:35	14° \approx 41'10		retrograde	-1485 May 24 j 13:22	6° \approx 52'16		
direct	-1486 Jul 05 j 21:44	14° \approx 19'29		evening set	-1485 May 29 j 14:00	5° \approx 54'45		
morning max el	-1486 Jul 13 j 17:09	18° \approx 03'32	18°26'56	min. Earth dist.	-1485 Jun 04 j 01:22	3° \approx 02'17	0.57292 AU	
asc. node	-1486 Jul 18 j 07:59	23° \approx 34'29		inferior conj	-1485 Jun 07 j 00:18	1° \approx 05'07	-4°16'55	
	-1486 Jul 22 j 09:53	0° \approx		minimum elong	-1485 Jun 06 j 20:02	1° \approx 12'12	4°16'20	
morning set	-1486 Jul 29 j 20:09	13° \approx 41'59			-1485 Jun 08 j 16:09	30° \approx 8		
	-1486 Aug 07 j 09:50	0° \approx		morning rise	-1485 Jun 15 j 04:54	26° \approx 55'39		
				direct	-1485 Jun 17 j 18:10	26° \approx 36'57		
superior conj	-1486 Aug 07 j 22:21	0° \approx 57'58	1°44'25		-1485 Jun 25 j 20:18	0° \approx		
minimum elong	-1486 Aug 08 j 00:21	1° \approx 07'14	1°44'22	morning max el	-1485 Jun 26 j 18:19	0° \approx 48'51	19°13'40	
max. Earth dist.	-1486 Aug 15 j 07:27	14° \approx 11'24	1.40189 AU	asc. node	-1485 Jul 05 j 05:01	11° \approx 58'32		
evening rise	-1486 Aug 19 j 17:47	21° \approx 04'24		morning set	-1485 Jul 13 j 18:22	27° \approx 54'33		
	-1486 Aug 24 j 19:59	0° \approx			-1485 Jul 14 j 19:37	0° \approx		
desc. node	-1486 Aug 28 j 00:27	5° \approx 00'18						
	-1486 Sep 14 j 10:43	0° \approx		superior conj	-1485 Jul 22 j 00:40	14° \approx 16'11	1°48'00	
evening max el	-1486 Sep 23 j 12:19	10° \approx 36'36	23°34'04	minimum elong	-1485 Jul 22 j 00:30	14° \approx 15'25	1°48'01	
retrograde	-1486 Oct 04 j 02:08	16° \approx 51'15		max. Earth dist.	-1485 Jul 28 j 10:12	26° \approx 19'53	1.38199 AU	
evening set	-1486 Oct 09 j 03:30	14° \approx 44'53			-1485 Jul 30 j 10:57	0° \approx		
inferior conj	-1486 Oct 14 j 11:52	8° \approx 24'17	0°04'06	evening rise	-1485 Aug 01 j 05:56	3° \approx 10'12		
minimum elong	-1486 Oct 14 j 11:46	8° \approx 24'37	0°04'02	desc. node	-1485 Aug 14 j 21:28	25° \approx 02'54		
transit middle	-1486 Oct 14 j 11:46	8° \approx 24'37	0°04'02		-1485 Aug 17 j 23:04	0° \approx		
transit begin	-1486 Oct 14 j 09:09	8° \approx 33'36		evening max el	-1485 Sep 05 j 23:58	24° \approx 09'47	24°52'38	
transit end	-1486 Oct 14 j 14:24	8° \approx 15'38			-1485 Sep 13 j 18:07	0° \approx		
min. Earth dist.	-1486 Oct 14 j 01:45	8° \approx 58'54	0.67526 AU	retrograde	-1485 Sep 17 j 14:50	0° \approx 55'14		
asc. node	-1486 Oct 14 j 07:08	8° \approx 40'29			-1485 Sep 21 j 04:06	30° \approx 8		
morning rise	-1486 Oct 19 j 19:57	2° \approx 15'09		evening set	-1485 Sep 23 j 07:03	28° \approx 30'57		
direct	-1486 Oct 23 j 22:24	0° \approx 40'44		min. Earth dist.	-1485 Sep 27 j 20:29	23° \approx 19'44	0.67200 AU	
morning max el	-1486 Nov 01 j 09:52	5° \approx 38'53	21°07'51	inferior conj	-1485 Sep 28 j 17:11	22° \approx 11'17	-0°50'37	
	-1486 Nov 19 j 16:45	0° \approx		minimum elong	-1485 Sep 28 j 18:25	22° \approx 07'12	0°50'05	
desc. node	-1486 Nov 23 j 23:46	6° \approx 26'04		asc. node	-1485 Oct 01 j 04:11	19° \approx 04'11		
morning set	-1486 Dec 01 j 17:09	18° \approx 20'13		morning rise	-1485 Oct 04 j 05:50	16° \approx 08'58		
	-1486 Dec 09 j 00:27	0° \approx		direct	-1485 Oct 07 j 20:10	14° \approx 54'15		
max. Earth dist.	-1486 Dec 09 j 16:56	1° \approx 07'10	1.42503 AU	morning max el	-1485 Oct 15 j 09:57	19° \approx 15'43	19°57'39	
					-1485 Oct 23 j 23:09	0° \approx		
superior conj	-1486 Dec 16 j 20:00	13° \approx 00'48	-1°54'42	morning set	-1485 Nov 10 j 14:05	26° \approx 29'24		
minimum elong	-1486 Dec 16 j 16:31	12° \approx 45'59	1°54'34	desc. node	-1485 Nov 10 j 20:46	26° \approx 55'16		
	-1486 Dec 26 j 12:32	0° \approx			-1485 Nov 12 j 20:25	0° \approx		
evening rise	-1486 Dec 28 j 07:25	3° \approx 12'39		max. Earth dist.	-1485 Nov 22 j 03:56	14° \approx 39'09	1.43974 AU	
asc. node	-1485 Jan 10 j 06:24	25° \approx 05'54						
evening max el	-1485 Jan 14 j 02:15	29° \approx 42'53	18°07'58	superior conj	-1485 Nov 27 j 03:59	22° \approx 42'25	-1°33'25	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1485 Nov 26 j 20:36	22° \mathbb{M} 12'27	1°32'46	minimum elong	-1484 Nov 05 j 05:23	0° \mathbb{M} 54'18	0°53'57
	-1485 Dec 01 j 14:38	0° \mathbb{A}		evening rise	-1484 Nov 20 j 17:03	25° \mathbb{M} 43'23	
evening rise	-1485 Dec 10 j 11:18	14° \mathbb{A} 56'41			-1484 Nov 23 j 07:59	0° \mathbb{A}	
	-1485 Dec 19 j 08:20	0° \mathbb{B}		evening max el	-1484 Dec 11 j 02:31	26° \mathbb{A} 21'19	18°40'08
asc. node	-1485 Dec 28 j 03:27	12° \mathbb{B} 29'02		asc. node	-1484 Dec 14 j 00:29	28° \mathbb{A} 49'37	
evening max el	-1485 Dec 28 j 14:45	12° \mathbb{B} 58'24	18°14'53		-1484 Dec 16 j 18:43	0° \mathbb{B}	
retrograde	-1484 Jan 04 j 02:53	16° \mathbb{B} 28'14		retrograde	-1484 Dec 17 j 18:58	0° \mathbb{B} 05'42	
evening set	-1484 Jan 06 j 23:56	15° \mathbb{B} 44'58			-1484 Dec 18 j 19:02	30° \mathbb{R} \mathbb{A}	
inferior conj	-1484 Jan 13 j 03:34	10° \mathbb{B} 24'14	3°49'09	evening set	-1484 Dec 20 j 21:04	29° \mathbb{A} 11'51	
minimum elong	-1484 Jan 13 j 01:58	10° \mathbb{B} 28'38	3°48'59	inferior conj	-1484 Dec 26 j 16:55	23° \mathbb{A} 33'11	3°27'28
min. Earth dist.	-1484 Jan 15 j 15:18	7° \mathbb{B} 41'32	0.63316 AU	minimum elong	-1484 Dec 26 j 14:16	23° \mathbb{A} 41'10	3°26'57
morning rise	-1484 Jan 19 j 03:18	4° \mathbb{B} 24'42		min. Earth dist.	-1484 Dec 28 j 13:29	21° \mathbb{A} 19'30	0.64892 AU
direct	-1484 Jan 26 j 03:42	1° \mathbb{B} 39'27		morning rise	-1483 Jan 01 j 07:04	17° \mathbb{A} 26'26	
desc. node	-1484 Feb 06 j 19:59	7° \mathbb{B} 28'43		direct	-1483 Jan 08 j 01:15	14° \mathbb{A} 34'21	
morning max el	-1484 Feb 08 j 22:39	9° \mathbb{B} 28'00	27°40'59	morning max el	-1483 Jan 21 j 08:16	22° \mathbb{A} 16'40	27°06'38
	-1484 Feb 24 j 23:38	0° \mathbb{A}		desc. node	-1483 Jan 23 j 17:02	24° \mathbb{A} 45'24	
	-1484 Mar 13 j 04:23	0° \mathbb{H}			-1483 Jan 28 j 04:13	0° \mathbb{B}	
morning set	-1484 Mar 14 j 07:50	2° \mathbb{H} 16'18			-1483 Feb 17 j 04:35	0° \mathbb{A}	
max. Earth dist.	-1484 Mar 19 j 15:40	13° \mathbb{H} 15'26	1.33111 AU	morning set	-1483 Feb 25 j 22:00	15° \mathbb{A} 59'08	
				max. Earth dist.	-1483 Mar 02 j 12:51	25° \mathbb{A} 09'59	1.34066 AU
superior conj	-1484 Mar 21 j 23:55	18° \mathbb{H} 15'36	-0°32'22		-1483 Mar 04 j 21:10	0° \mathbb{H}	
minimum elong	-1484 Mar 22 j 01:26	18° \mathbb{H} 23'44	0°32'04	superior conj	-1483 Mar 06 j 03:34	2° \mathbb{H} 38'46	-0°58'09
asc. node	-1484 Mar 25 j 02:48	24° \mathbb{H} 59'27		minimum elong	-1483 Mar 06 j 06:13	2° \mathbb{H} 52'42	0°57'41
	-1484 Mar 27 j 10:42	0° \mathbb{Y}		asc. node	-1483 Mar 11 j 23:51	15° \mathbb{H} 00'38	
evening rise	-1484 Mar 29 j 02:09	3° \mathbb{Y} 29'25		evening rise	-1483 Mar 13 j 12:37	18° \mathbb{H} 13'29	
	-1484 Apr 12 j 15:15	0° \mathbb{B}			-1483 Mar 19 j 09:58	0° \mathbb{Y}	
evening max el	-1484 Apr 21 j 04:39	10° \mathbb{B} 25'18	23°17'26	evening max el	-1483 Apr 03 j 00:02	21° \mathbb{Y} 09'36	21°44'35
retrograde	-1484 May 04 j 16:41	17° \mathbb{B} 08'23		retrograde	-1483 Apr 15 j 09:21	27° \mathbb{Y} 11'14	
desc. node	-1484 May 04 j 19:10	17° \mathbb{B} 08'22		evening set	-1483 Apr 17 j 22:58	26° \mathbb{Y} 56'25	
evening set	-1484 May 08 j 07:36	16° \mathbb{B} 39'38		desc. node	-1483 Apr 21 j 16:12	25° \mathbb{Y} 47'37	
min. Earth dist.	-1484 May 15 j 14:48	13° \mathbb{B} 21'34	0.55802 AU	inferior conj	-1483 Apr 27 j 08:32	22° \mathbb{Y} 53'02	-1°35'22
inferior conj	-1484 May 17 j 11:25	12° \mathbb{B} 15'56	-3°16'29	minimum elong	-1483 Apr 27 j 04:09	22° \mathbb{Y} 59'11	1°33'52
minimum elong	-1484 May 17 j 04:38	12° \mathbb{B} 25'56	3°14'44	min. Earth dist.	-1483 Apr 27 j 04:03	22° \mathbb{Y} 59'18	0.55081 AU
morning rise	-1484 May 26 j 04:22	8° \mathbb{B} 19'56		morning rise	-1483 May 06 j 10:17	18° \mathbb{Y} 54'48	
direct	-1484 May 28 j 19:44	8° \mathbb{B} 02'58		direct	-1483 May 09 j 08:05	18° \mathbb{Y} 36'09	
morning max el	-1484 Jun 08 j 09:30	12° \mathbb{B} 56'53	20°21'07	morning max el	-1483 May 21 j 13:48	24° \mathbb{Y} 22'40	21°47'00
	-1484 Jun 20 j 13:10	0° \mathbb{II}			-1483 May 26 j 15:24	0° \mathbb{B}	
asc. node	-1484 Jun 21 j 02:05	0° \mathbb{II} 59'04		asc. node	-1483 Jun 07 j 23:09	20° \mathbb{B} 26'19	
morning set	-1484 Jun 26 j 23:12	12° \mathbb{II} 29'04		morning set	-1483 Jun 11 j 08:16	27° \mathbb{B} 17'54	
					-1483 Jun 12 j 15:21	0° \mathbb{II}	
superior conj	-1484 Jul 04 j 15:53	28° \mathbb{II} 14'59	1°43'12	superior conj	-1483 Jun 18 j 16:01	12° \mathbb{II} 41'38	1°31'59
minimum elong	-1484 Jul 04 j 14:14	28° \mathbb{II} 06'39	1°43'07	minimum elong	-1483 Jun 18 j 13:37	12° \mathbb{II} 29'02	1°31'45
	-1484 Jul 05 j 12:44	0° \mathbb{E}		max. Earth dist.	-1483 Jun 22 j 05:54	20° \mathbb{II} 04'22	1.34829 AU
max. Earth dist.	-1484 Jul 09 j 16:04	8° \mathbb{E} 09'26	1.36357 AU	evening rise	-1483 Jun 26 j 19:50	29° \mathbb{II} 08'04	
evening rise	-1484 Jul 13 j 16:20	15° \mathbb{E} 43'24			-1483 Jun 27 j 06:40	0° \mathbb{E}	
	-1484 Jul 21 j 19:46	0° \mathbb{O}		desc. node	-1483 Jul 14 j 23:13	0° \mathbb{O}	
desc. node	-1484 Jul 31 j 18:30	15° \mathbb{O} 34'18			-1483 Jul 18 j 15:32	5° \mathbb{O} 17'43	
	-1484 Aug 11 j 11:10	0° \mathbb{P}		evening max el	-1483 Jul 31 j 22:48	21° \mathbb{O} 14'56	26°54'21
evening max el	-1484 Aug 18 j 11:13	7° \mathbb{P} 44'51	26°01'58	retrograde	-1483 Aug 14 j 02:04	28° \mathbb{O} 33'27	
retrograde	-1484 Aug 30 j 22:58	14° \mathbb{P} 51'52		evening set	-1483 Aug 20 j 21:15	25° \mathbb{O} 46'54	
evening set	-1484 Sep 06 j 05:45	12° \mathbb{P} 12'59		min. Earth dist.	-1483 Aug 24 j 19:09	21° \mathbb{O} 50'12	0.65525 AU
min. Earth dist.	-1484 Sep 10 j 11:03	7° \mathbb{P} 38'41	0.66543 AU	inferior conj	-1483 Aug 26 j 15:53	19° \mathbb{O} 39'48	-2°38'19
inferior conj	-1484 Sep 11 j 19:12	5° \mathbb{P} 57'51	-1°45'24	minimum elong	-1483 Aug 26 j 19:38	19° \mathbb{O} 28'53	2°37'00
minimum elong	-1484 Sep 11 j 21:47	5° \mathbb{P} 49'44	1°44'21	morning rise	-1483 Sep 01 j 18:32	14° \mathbb{O} 00'06	
asc. node	-1484 Sep 17 j 01:14	0° \mathbb{P} 26'24		asc. node	-1483 Sep 03 j 22:19	13° \mathbb{O} 17'38	
morning rise	-1484 Sep 17 j 14:05	0° \mathbb{P} 05'20		direct	-1483 Sep 04 j 15:18	13° \mathbb{O} 14'51	
	-1484 Sep 17 j 17:41	30° \mathbb{R} \mathbb{O}		morning max el	-1483 Sep 11 j 05:41	16° \mathbb{O} 51'27	18°22'02
direct	-1484 Sep 20 j 18:29	29° \mathbb{O} 07'08			-1483 Sep 20 j 20:52	0° \mathbb{P}	
	-1484 Sep 23 j 21:55	0° \mathbb{P}		morning set	-1483 Sep 30 j 12:01	15° \mathbb{P} 36'00	
morning max el	-1484 Sep 27 j 17:13	3° \mathbb{P} 01'34	19°01'49		-1483 Oct 09 j 09:41	0° \mathbb{E}	
	-1484 Oct 16 j 13:32	0° \mathbb{E}		desc. node	-1483 Oct 14 j 14:54	8° \mathbb{E} 17'59	
morning set	-1484 Oct 19 j 23:39	5° \mathbb{E} 22'44					
desc. node	-1484 Oct 27 j 17:50	17° \mathbb{E} 33'55		superior conj	-1483 Oct 15 j 12:25	9° \mathbb{E} 43'01	-0°05'50
max. Earth dist.	-1484 Nov 03 j 20:22	28° \mathbb{E} 44'04	1.44807 AU	minimum elong	-1483 Oct 15 j 11:39	9° \mathbb{E} 40'00	0°05'45
	-1484 Nov 04 j 15:38	0° \mathbb{M}		behind sun begin	-1483 Oct 15 j 01:05	8° \mathbb{E} 58'15	
superior conj	-1484 Nov 05 j 12:03	1° \mathbb{M} 20'36	-0°54'46				

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behind sun end	-1483 Oct 15 j 22:13	10° Ω 21'42			-1482 Sep 13 j 19:54	0° Π		
max. Earth dist.	-1483 Oct 17 j 14:40	13° Ω 01'11	1.44910 AU					
	-1483 Oct 28 j 10:27	0° Π		superior conj	-1482 Sep 25 j 03:00	18° Π 50'22	0°40'51	
evening rise	-1483 Oct 31 j 22:38	5° Π 29'52		minimum elong	-1482 Sep 25 j 07:19	19° Π 07'54	0°40'16	
greatest brilliancy	-1483 Nov 11 j 17:17	22° Π 18'57	-0.8m	max. Earth dist.	-1482 Sep 30 j 07:58	27° Π 13'02	1.44294 AU	
	-1483 Nov 16 j 20:07	0° Σ		desc. node	-1482 Oct 01 j 11:55	29° Π 04'05		
evening max el	-1483 Nov 24 j 11:17	9° Σ 48'02	19°22'31		-1482 Oct 02 j 02:03	0° Ω		
asc. node	-1483 Nov 30 j 21:31	13° Σ 52'49		evening rise	-1482 Oct 11 j 09:05	14° Ω 30'11		
retrograde	-1483 Dec 01 j 15:06	13° Σ 55'51			-1482 Oct 21 j 13:03	0° Π		
evening set	-1483 Dec 04 j 23:54	12° Σ 49'40		evening max el	-1482 Nov 07 j 15:12	23° Π 15'32	20°20'04	
inferior conj	-1483 Dec 10 j 14:13	6° Σ 55'58	2°54'30	retrograde	-1482 Nov 15 j 12:32	27° Π 54'07		
minimum elong	-1483 Dec 10 j 11:17	7° Σ 05'25	2°53'40	asc. node	-1482 Nov 17 j 18:34	27° Π 25'00		
min. Earth dist.	-1483 Dec 11 j 20:32	5° Σ 18'23	0.66092 AU	evening set	-1482 Nov 19 j 06:09	26° Π 33'20		
morning rise	-1483 Dec 15 j 22:24	0° Σ 44'38		inferior conj	-1482 Nov 24 j 16:46	20° Π 27'44	2°13'20	
	-1483 Dec 16 j 19:54	30° Σ		minimum elong	-1482 Nov 24 j 14:09	20° Π 36'33	2°12'24	
direct	-1483 Dec 22 j 05:06	27° Π 58'48		min. Earth dist.	-1482 Nov 25 j 10:21	19° Π 28'28	0.66926 AU	
	-1483 Dec 28 j 06:08	0° Σ		morning rise	-1482 Nov 29 j 21:57	14° Π 14'05		
morning max el	-1482 Jan 03 j 17:48	5° Σ 22'39	26°05'15	direct	-1482 Dec 05 j 14:17	11° Π 44'00		
desc. node	-1482 Jan 10 j 14:07	13° Σ 08'21		morning max el	-1482 Dec 17 j 02:11	18° Π 34'58	24°46'04	
	-1482 Jan 22 j 17:39	0° Σ			-1482 Dec 26 j 17:59	0° Σ		
morning set	-1482 Feb 08 j 22:50	28° Σ 57'38		desc. node	-1482 Dec 28 j 11:10	2° Σ 17'26		
	-1482 Feb 09 j 12:14	0° \approx			-1481 Jan 15 j 19:43	0° Σ		
max. Earth dist.	-1482 Feb 12 j 22:08	6° \approx 29'50	1.35473 AU	morning set	-1481 Jan 22 j 04:44	10° Σ 54'57		
				max. Earth dist.	-1481 Jan 25 j 20:57	17° Σ 32'06	1.37301 AU	
superior conj	-1482 Feb 18 j 00:13	16° \approx 36'24	-1°22'05					
minimum elong	-1482 Feb 18 j 03:40	16° \approx 53'54	1°21'36	superior conj	-1481 Feb 01 j 10:40	29° Σ 58'39	-1°42'14	
	-1482 Feb 24 j 12:20	0° Σ		minimum elong	-1481 Feb 01 j 14:09	0° \approx 15'36	1°41'54	
evening rise	-1482 Feb 25 j 19:54	2° Σ 42'17			-1481 Feb 01 j 10:57	0° \approx		
asc. node	-1482 Feb 26 j 20:54	4° Σ 49'46		evening rise	-1481 Feb 09 j 21:41	16° \approx 48'15		
	-1482 Mar 13 j 22:38	0° Υ		asc. node	-1481 Feb 13 j 17:55	24° \approx 20'49		
evening max el	-1482 Mar 16 j 05:13	2° Υ 23'54	20°23'31		-1481 Feb 16 j 19:04	0° Σ		
retrograde	-1482 Mar 26 j 23:15	7° Υ 32'29		evening max el	-1481 Feb 26 j 21:21	14° Σ 14'59	19°20'00	
evening set	-1482 Mar 29 j 03:37	7° Υ 20'39		retrograde	-1481 Mar 07 j 23:04	18° Σ 35'26		
inferior conj	-1482 Apr 07 j 04:29	3° Υ 22'46	0°23'05	evening set	-1481 Mar 10 j 05:09	18° Σ 20'34		
minimum elong	-1482 Apr 07 j 05:32	3° Υ 21'14	0°22'44	inferior conj	-1481 Mar 18 j 12:47	14° Σ 12'22	2°06'02	
desc. node	-1482 Apr 08 j 13:13	2° Υ 34'43		minimum elong	-1481 Mar 18 j 17:11	14° Σ 05'05	2°04'45	
min. Earth dist.	-1482 Apr 08 j 18:11	2° Υ 27'29	0.55310 AU	min. Earth dist.	-1481 Mar 21 j 09:06	12° Σ 19'51	0.56433 AU	
	-1482 Apr 13 j 12:08	30° Σ		desc. node	-1481 Mar 26 j 10:17	9° Σ 37'17		
morning rise	-1482 Apr 16 j 05:52	29° Σ 03'33		morning rise	-1481 Mar 27 j 02:25	9° Σ 22'02		
direct	-1482 Apr 19 j 20:48	28° Σ 34'56		direct	-1481 Mar 31 j 20:12	8° Σ 30'30		
	-1482 Apr 26 j 00:35	0° Υ		morning max el	-1481 Apr 14 j 23:40	15° Σ 43'18	25°03'52	
morning max el	-1482 May 03 j 08:56	5° Υ 11'59	23°24'59		-1481 Apr 26 j 10:28	0° Υ		
	-1482 May 20 j 16:32	0° Σ		morning set	-1481 May 11 j 07:44	27° Υ 15'27		
asc. node	-1482 May 25 j 20:14	10° Σ 13'16		asc. node	-1481 May 12 j 17:17	0° Σ 13'21		
morning set	-1482 May 26 j 19:41	12° Σ 15'25			-1481 May 12 j 14:47	0° Σ		
superior conj	-1482 Jun 02 j 22:07	27° Σ 27'00	1°15'52	superior conj	-1481 May 18 j 07:52	12° Σ 22'58	0°56'00	
minimum elong	-1482 Jun 02 j 19:35	27° Σ 13'21	1°15'31	minimum elong	-1481 May 18 j 05:42	12° Σ 11'07	0°55'38	
	-1482 Jun 04 j 02:46	0° Π		max. Earth dist.	-1481 May 19 j 13:05	15° Σ 01'37	1.32915 AU	
max. Earth dist.	-1482 Jun 05 j 05:28	2° Π 21'27	1.33685 AU	evening rise	-1481 May 25 j 12:31	27° Σ 40'30		
evening rise	-1482 Jun 10 j 11:49	13° Π 11'07			-1481 May 26 j 15:58	0° Π		
	-1482 Jun 19 j 11:34	0° Σ			-1481 Jun 12 j 18:38	0° Σ		
desc. node	-1482 Jul 05 j 12:32	24° Σ 25'20		desc. node	-1481 Jun 22 j 09:32	12° Σ 42'16		
	-1482 Jul 10 j 02:46	0° Ω		evening max el	-1481 Jun 26 j 18:45	17° Σ 18'51	27°20'12	
evening max el	-1482 Jul 14 j 10:01	4° Ω 30'30	27°22'23	retrograde	-1481 Jul 10 j 14:30	24° Σ 38'19		
retrograde	-1482 Jul 27 j 23:32	11° Ω 51'51		evening set	-1481 Jul 17 j 18:17	22° Σ 10'51		
evening set	-1482 Aug 04 j 02:40	9° Ω 08'15		min. Earth dist.	-1481 Jul 21 j 08:15	19° Σ 17'10	0.62407 AU	
min. Earth dist.	-1482 Aug 07 j 18:43	5° Ω 46'44	0.64139 AU	inferior conj	-1481 Jul 24 j 07:06	16° Σ 29'46	-4°06'30	
inferior conj	-1482 Aug 10 j 04:49	3° Ω 12'35	-3°26'41	minimum elong	-1481 Jul 24 j 11:05	16° Σ 20'17	4°05'46	
minimum elong	-1482 Aug 10 j 09:12	3° Ω 00'57	3°25'29	morning rise	-1481 Jul 31 j 05:08	11° Σ 25'12		
	-1482 Aug 13 j 10:33	30° Σ		direct	-1481 Aug 02 j 18:02	10° Σ 56'18		
morning rise	-1482 Aug 16 j 16:35	27° Σ 48'51		asc. node	-1481 Aug 08 j 16:30	13° Σ 36'54		
direct	-1482 Aug 19 j 08:13	27° Σ 13'09		morning max el	-1481 Aug 09 j 11:47	14° Σ 21'49	17°54'51	
asc. node	-1482 Aug 21 j 19:24	27° Σ 44'14			-1481 Aug 20 j 05:51	0° Ω		
	-1482 Aug 25 j 04:00	0° Ω		morning set	-1481 Aug 25 j 17:00	9° Ω 42'49		
morning max el	-1482 Aug 25 j 20:47	0° Ω 40'06	17°59'21					
morning set	-1482 Sep 12 j 03:34	27° Ω 07'48		superior conj	-1481 Sep 05 j 20:10	29° Ω 16'56	1°16'05	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1481 Sep 06 j 01:21	29° Ω 38'59	1°15'33	morning set	-1480 Aug 07 j 22:34	23° Θ 04'37	
	-1481 Sep 06 j 06:17	0° Π			-1480 Aug 11 j 15:16	0° Ω	
max. Earth dist.	-1481 Sep 12 j 21:58	11° Π 04'08	1.43040 AU				
desc. node	-1481 Sep 18 j 08:56	19° Π 49'19		superior conj	-1480 Aug 17 j 15:47	11° Ω 02'16	1°37'40
evening rise	-1481 Sep 20 j 15:48	23° Π 24'45		minimum elong	-1480 Aug 17 j 19:10	11° Ω 17'26	1°37'27
	-1481 Sep 24 j 22:06	0° Ω		max. Earth dist.	-1480 Aug 25 j 06:25	24° Ω 17'30	1.41309 AU
	-1481 Oct 15 j 19:00	0° Π			-1480 Aug 28 j 16:42	0° Π	
evening max el	-1481 Oct 21 j 13:17	6° Π 43'14	21°29'50	evening rise	-1480 Aug 30 j 12:57	3° Π 00'27	
retrograde	-1481 Oct 30 j 09:20	11° Π 58'06		desc. node	-1480 Sep 04 j 05:56	10° Π 30'00	
evening set	-1481 Nov 03 j 13:52	10° Π 20'31			-1480 Sep 17 j 07:15	0° Ω	
asc. node	-1481 Nov 04 j 15:38	9° Π 23'47		evening max el	-1480 Oct 03 j 05:40	20° Ω 10'56	22°47'42
inferior conj	-1481 Nov 08 j 22:26	4° Π 06'12	1°26'13	retrograde	-1480 Oct 13 j 03:54	26° Ω 04'35	
minimum elong	-1481 Nov 08 j 20:34	4° Π 12'39	1°25'26	evening set	-1480 Oct 17 j 21:18	24° Ω 08'38	
min. Earth dist.	-1481 Nov 09 j 04:38	3° Π 44'50	0.67413 AU	asc. node	-1480 Oct 21 j 12:41	20° Ω 07'16	
	-1481 Nov 12 j 01:32	30° \mathbb{R} Ω		inferior conj	-1480 Oct 23 j 05:19	17° Ω 49'08	0°34'53
morning rise	-1481 Nov 14 j 03:06	27° Ω 52'30		minimum elong	-1480 Oct 23 j 04:30	17° Ω 51'56	0°34'32
direct	-1481 Nov 19 j 04:08	25° Ω 43'27		min. Earth dist.	-1480 Oct 23 j 00:59	18° Ω 04'03	0.67575 AU
	-1481 Nov 27 j 12:39	0° Π		morning rise	-1480 Oct 28 j 11:36	11° Ω 37'43	
morning max el	-1481 Nov 29 j 11:17	1° Π 51'22	23°19'11	direct	-1480 Nov 01 j 21:48	9° Ω 51'07	
desc. node	-1481 Dec 15 j 08:13	21° Π 59'31		morning max el	-1480 Nov 11 j 00:21	15° Ω 13'40	21°53'37
	-1481 Dec 20 j 19:10	0° \mathbb{A}			-1480 Nov 22 j 20:42	0° Π	
morning set	-1480 Jan 03 j 09:31	21° \mathbb{A} 35'09		desc. node	-1480 Dec 01 j 05:15	12° Π 04'47	
max. Earth dist.	-1480 Jan 07 j 16:19	28° \mathbb{A} 54'15	1.39382 AU		-1480 Dec 12 j 20:23	0° \mathbb{A}	
	-1480 Jan 08 j 07:23	0° Θ		morning set	-1480 Dec 13 j 09:12	0° \mathbb{A} 51'10	
				max. Earth dist.	-1480 Dec 19 j 15:29	11° \mathbb{A} 04'13	1.41438 AU
superior conj	-1480 Jan 15 j 06:50	12° Θ 34'54	-1°55'48				
minimum elong	-1480 Jan 15 j 09:01	12° Θ 45'01	1°55'43	superior conj	-1480 Dec 27 j 07:27	24° \mathbb{A} 11'40	-1°59'07
	-1480 Jan 24 j 10:11	0° \approx		minimum elong	-1480 Dec 27 j 06:30	24° \mathbb{A} 07'29	1°59'08
evening rise	-1480 Jan 24 j 15:22	0° \approx 25'00			-1480 Dec 30 j 13:47	0° Θ	
asc. node	-1480 Jan 31 j 14:56	13° \approx 27'44		evening rise	-1479 Jan 06 j 21:37	13° Θ 24'37	
evening max el	-1480 Feb 09 j 22:48	26° \approx 39'50	18°36'13		-1479 Jan 16 j 05:02	0° \approx	
	-1480 Feb 15 j 00:42	0° \mathbb{H}		asc. node	-1479 Jan 17 j 11:57	2° \approx 02'46	
retrograde	-1480 Feb 17 j 17:15	0° \mathbb{H} 27'03		evening max el	-1479 Jan 23 j 06:50	9° \approx 30'48	18°12'36
evening set	-1480 Feb 20 j 03:44	0° \mathbb{H} 06'00		retrograde	-1479 Jan 30 j 05:35	13° \approx 00'48	
	-1480 Feb 20 j 11:45	30° \mathbb{R} \approx		evening set	-1479 Feb 01 j 20:11	12° \approx 32'01	
inferior conj	-1480 Feb 27 j 17:04	25° \approx 38'50	3°14'36	inferior conj	-1479 Feb 08 j 17:50	7° \approx 43'42	3°48'21
minimum elong	-1480 Feb 27 j 21:03	25° \approx 31'06	3°13'48	minimum elong	-1479 Feb 08 j 19:32	7° \approx 39'53	3°48'11
min. Earth dist.	-1480 Mar 02 j 02:22	23° \approx 02'58	0.58190 AU	min. Earth dist.	-1479 Feb 12 j 01:09	4° \approx 46'46	0.60230 AU
morning rise	-1480 Mar 06 j 11:47	20° \approx 19'09		morning rise	-1479 Feb 15 j 17:03	2° \approx 02'50	
direct	-1480 Mar 12 j 08:39	18° \approx 52'39			-1479 Feb 21 j 13:27	30° \mathbb{R} Θ	
desc. node	-1480 Mar 12 j 07:20	18° \approx 52'39		direct	-1479 Feb 22 j 09:01	29° Θ 58'10	
morning max el	-1480 Mar 26 j 16:18	26° \approx 25'54	26°28'27		-1479 Feb 23 j 04:44	0° \approx	
	-1480 Mar 30 j 01:32	0° \mathbb{H}		desc. node	-1479 Feb 27 j 04:23	0° \approx 58'22	
	-1480 Apr 18 j 16:29	0° \mathbb{Y}		morning max el	-1479 Mar 08 j 14:48	7° \approx 42'51	27°24'56
morning set	-1480 Apr 24 j 18:46	12° \mathbb{Y} 12'09			-1479 Mar 25 j 12:27	0° \mathbb{H}	
asc. node	-1480 Apr 28 j 14:18	20° \mathbb{Y} 21'33		morning set	-1479 Apr 09 j 03:03	26° \mathbb{H} 59'25	
					-1479 Apr 10 j 13:37	0° \mathbb{Y}	
superior conj	-1480 May 01 j 19:22	27° \mathbb{Y} 22'56	0°33'20	asc. node	-1479 Apr 15 j 11:19	10° \mathbb{Y} 33'42	
minimum elong	-1480 May 01 j 17:57	27° \mathbb{Y} 15'08	0°33'03	max. Earth dist.	-1479 Apr 15 j 14:19	10° \mathbb{Y} 50'04	1.32442 AU
max. Earth dist.	-1480 May 02 j 01:18	27° \mathbb{Y} 55'26	1.32503 AU				
	-1480 May 03 j 00:02	0° \mathbb{B}		superior conj	-1479 Apr 16 j 06:59	12° \mathbb{Y} 21'16	0°08'39
evening rise	-1480 May 08 j 19:03	12° \mathbb{B} 26'28		minimum elong	-1479 Apr 16 j 06:35	12° \mathbb{Y} 19'07	0°08'34
	-1480 May 17 j 19:42	0° Π		behind sun begin	-1479 Apr 16 j 02:20	11° \mathbb{Y} 55'51	
evening max el	-1480 Jun 07 j 22:09	29° Π 27'01	26°44'59	behind sun end	-1479 Apr 16 j 10:50	12° \mathbb{Y} 42'24	
desc. node	-1480 Jun 08 j 06:33	29° Π 46'51		evening rise	-1479 Apr 23 j 05:09	27° \mathbb{Y} 21'17	
	-1480 Jun 08 j 12:13	0° Θ			-1479 Apr 24 j 11:31	0° \mathbb{B}	
retrograde	-1480 Jun 21 j 21:52	6° Θ 43'53			-1479 May 11 j 14:53	0° Π	
evening set	-1480 Jun 28 j 15:42	4° Θ 45'51		evening max el	-1479 May 20 j 18:48	10° Π 50'49	25°39'14
min. Earth dist.	-1480 Jul 02 j 11:36	2° Θ 06'26	0.60420 AU	desc. node	-1479 May 26 j 03:34	15° Π 09'41	
	-1480 Jul 05 j 01:01	30° \mathbb{R} Π		retrograde	-1479 Jun 03 j 20:19	18° Π 03'26	
inferior conj	-1480 Jul 05 j 19:10	29° Π 22'01	-4°31'30	evening set	-1479 Jun 09 j 15:11	16° Π 43'46	
minimum elong	-1480 Jul 05 j 21:10	29° Π 17'51	4°31'20	min. Earth dist.	-1479 Jun 14 j 06:59	14° Π 00'44	0.58374 AU
morning rise	-1480 Jul 13 j 04:31	24° Π 39'21		inferior conj	-1479 Jun 17 j 13:32	11° Π 40'04	-4°32'14
direct	-1480 Jul 15 j 16:40	24° Π 15'20		minimum elong	-1479 Jun 17 j 11:46	11° Π 43'16	4°32'06
morning max el	-1480 Jul 22 j 23:48	27° Π 48'55	18°09'30	morning rise	-1479 Jun 25 j 10:59	7° Π 19'43	
	-1480 Jul 25 j 00:27	0° Θ		direct	-1479 Jun 27 j 23:33	6° Π 59'27	
asc. node	-1480 Jul 25 j 13:33	0° Θ 39'56		morning max el	-1479 Jul 06 j 05:53	10° Π 53'15	18°44'18

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

asc. node	-1479 Jul 12 j 10:37	18° Π 38'37		asc. node	-1478 Jun 29 j 07:39	7° Π 19'24	
	-1479 Jul 18 j 23:58	0° \mathfrak{D}		morning set	-1478 Jul 06 j 17:06	21° Π 24'13	
morning set	-1479 Jul 22 j 15:45	7° \mathfrak{D} 01'40			-1478 Jul 10 j 23:13	0° \mathfrak{D}	
superior conj	-1479 Jul 31 j 08:37	23° \mathfrak{D} 51'58	1°47'06	superior conj	-1478 Jul 14 j 16:59	7° \mathfrak{D} 29'07	1°46'51
minimum elong	-1479 Jul 31 j 09:38	23° \mathfrak{D} 56'47	1°47'06	minimum elong	-1478 Jul 14 j 16:06	7° \mathfrak{D} 24'45	1°46'50
	-1479 Aug 03 j 15:39	0° Ω		max. Earth dist.	-1478 Jul 20 j 12:36	18° \mathfrak{D} 41'14	1.37386 AU
max. Earth dist.	-1479 Aug 07 j 09:45	6° Ω 46'01	1.39338 AU	evening rise	-1478 Jul 24 j 08:52	25° \mathfrak{D} 43'20	
evening rise	-1479 Aug 11 j 10:38	13° Ω 46'11			-1478 Jul 26 j 18:59	0° Ω	
	-1479 Aug 21 j 10:45	0° \mathfrak{M}		desc. node	-1478 Aug 08 j 23:58	21° Ω 21'25	
desc. node	-1479 Aug 22 j 02:56	1° \mathfrak{M} 02'24			-1478 Aug 14 j 23:45	0° \mathfrak{M}	
	-1479 Sep 12 j 07:21	0° \mathfrak{L}		evening max el	-1478 Aug 29 j 05:28	17° \mathfrak{M} 15'49	25°23'44
evening max el	-1479 Sep 15 j 18:12	3° \mathfrak{L} 41'21	24°08'00	retrograde	-1478 Sep 10 j 06:10	24° \mathfrak{M} 12'18	
retrograde	-1479 Sep 26 j 19:11	10° \mathfrak{L} 10'41		evening set	-1478 Sep 16 j 04:33	21° \mathfrak{M} 41'22	
evening set	-1479 Oct 02 j 02:47	7° \mathfrak{L} 56'18		min. Earth dist.	-1478 Sep 20 j 14:29	16° \mathfrak{M} 45'23	0.66958 AU
inferior conj	-1479 Oct 07 j 11:42	1° \mathfrak{L} 35'21	-0°19'02	inferior conj	-1478 Sep 21 j 15:53	15° \mathfrak{M} 22'59	-1°13'58
minimum elong	-1479 Oct 07 j 12:10	1° \mathfrak{L} 33'48	0°18'50	minimum elong	-1478 Sep 21 j 17:42	15° \mathfrak{M} 17'05	1°13'12
min. Earth dist.	-1479 Oct 06 j 21:05	2° \mathfrak{L} 24'48	0.67427 AU	asc. node	-1478 Sep 25 j 06:50	11° \mathfrak{M} 04'32	
asc. node	-1479 Oct 08 j 09:46	0° \mathfrak{L} 21'17		morning rise	-1478 Sep 27 j 06:58	9° \mathfrak{M} 24'12	
	-1479 Oct 08 j 16:13	30° \mathfrak{R} \mathfrak{M}		direct	-1478 Sep 30 j 16:44	8° \mathfrak{M} 16'59	
morning rise	-1479 Oct 12 j 21:32	25° \mathfrak{M} 28'48		morning max el	-1478 Oct 07 j 23:25	12° \mathfrak{M} 26'13	19°31'56
direct	-1479 Oct 16 j 18:28	24° \mathfrak{M} 03'20			-1478 Oct 21 j 01:04	0° \mathfrak{L}	
morning max el	-1479 Oct 24 j 20:08	28° \mathfrak{M} 45'06	20°36'21	morning set	-1478 Nov 01 j 09:36	17° \mathfrak{L} 27'08	
	-1479 Oct 26 j 00:30	0° \mathfrak{L}		desc. node	-1478 Nov 04 j 23:19	23° \mathfrak{L} 00'32	
	-1479 Nov 16 j 11:50	0° \mathfrak{M}			-1478 Nov 09 j 10:38	0° \mathfrak{M}	
desc. node	-1479 Nov 18 j 02:16	2° \mathfrak{M} 26'41		max. Earth dist.	-1478 Nov 14 j 10:53	7° \mathfrak{M} 53'51	1.44411 AU
morning set	-1479 Nov 22 j 10:05	9° \mathfrak{M} 06'48					
max. Earth dist.	-1479 Dec 01 j 21:42	24° \mathfrak{M} 07'09	1.43191 AU	superior conj	-1478 Nov 18 j 03:59	13° \mathfrak{M} 48'31	-1°18'56
	-1479 Dec 05 j 12:21	0° \mathfrak{X}		minimum elong	-1478 Nov 17 j 20:07	13° \mathfrak{M} 17'05	1°18'07
					-1478 Nov 28 j 02:45	0° \mathfrak{X}	
superior conj	-1479 Dec 08 j 07:09	4° \mathfrak{X} 36'34	-1°47'52	evening rise	-1478 Dec 02 j 07:20	6° \mathfrak{X} 58'52	
minimum elong	-1479 Dec 08 j 01:45	4° \mathfrak{X} 14'05	1°47'33		-1478 Dec 16 j 11:58	0° \mathfrak{Z}	
evening rise	-1479 Dec 20 j 12:24	25° \mathfrak{X} 38'27		evening max el	-1478 Dec 21 j 07:05	5° \mathfrak{Z} 59'12	18°23'32
	-1479 Dec 22 j 23:45	0° \mathfrak{Z}		asc. node	-1478 Dec 22 j 06:03	6° \mathfrak{Z} 54'23	
asc. node	-1478 Jan 04 j 09:00	19° \mathfrak{Z} 55'39		retrograde	-1478 Dec 27 j 20:06	9° \mathfrak{Z} 33'50	
evening max el	-1478 Jan 06 j 18:31	22° \mathfrak{Z} 39'23	18°08'39	evening set	-1478 Dec 30 j 19:09	8° \mathfrak{Z} 46'17	
retrograde	-1478 Jan 13 j 07:59	26° \mathfrak{Z} 05'52		inferior conj	-1477 Jan 05 j 19:12	3° \mathfrak{Z} 17'57	3°41'34
evening set	-1478 Jan 16 j 02:30	25° \mathfrak{Z} 28'17		minimum elong	-1477 Jan 05 j 17:03	3° \mathfrak{Z} 24'06	3°41'16
inferior conj	-1478 Jan 22 j 11:51	20° \mathfrak{Z} 19'14	3°54'45	min. Earth dist.	-1477 Jan 08 j 00:36	0° \mathfrak{Z} 46'05	0.64030 AU
minimum elong	-1478 Jan 22 j 11:14	20° \mathfrak{Z} 20'49	3°54'43		-1477 Jan 08 j 17:28	30° \mathfrak{R} \mathfrak{X}	
min. Earth dist.	-1478 Jan 25 j 08:06	17° \mathfrak{Z} 25'18	0.62249 AU	morning rise	-1477 Jan 11 j 14:23	27° \mathfrak{X} 15'08	
morning rise	-1478 Jan 28 j 18:54	14° \mathfrak{Z} 24'59		direct	-1477 Jan 18 j 13:09	24° \mathfrak{X} 24'49	
direct	-1478 Feb 04 j 19:14	11° \mathfrak{Z} 50'09			-1477 Jan 29 j 19:17	0° \mathfrak{Z}	
desc. node	-1478 Feb 14 j 01:27	15° \mathfrak{Z} 32'43		desc. node	-1477 Jan 31 j 22:30	1° \mathfrak{Z} 59'45	
morning max el	-1478 Feb 18 j 19:14	19° \mathfrak{Z} 39'53	27°45'41	morning max el	-1477 Feb 01 j 03:30	2° \mathfrak{Z} 12'09	27°30'09
	-1478 Feb 27 j 15:44	0° \mathfrak{X}			-1477 Feb 21 j 21:24	0° \mathfrak{X}	
	-1478 Mar 18 j 09:14	0° \mathfrak{X}		morning set	-1477 Mar 08 j 02:21	25° \mathfrak{X} 31'18	
morning set	-1478 Mar 24 j 06:26	11° \mathfrak{X} 28'41			-1477 Mar 10 j 08:02	0° \mathfrak{X}	
max. Earth dist.	-1478 Mar 30 j 00:05	23° \mathfrak{X} 30'10	1.32748 AU	max. Earth dist.	-1477 Mar 13 j 02:43	5° \mathfrak{X} 43'06	1.33460 AU
superior conj	-1478 Mar 31 j 16:57	27° \mathfrak{X} 10'53	-0°17'15	superior conj	-1477 Mar 15 j 23:30	11° \mathfrak{X} 45'46	-0°43'25
minimum elong	-1478 Mar 31 j 17:45	27° \mathfrak{X} 15'15	0°17'06	minimum elong	-1477 Mar 16 j 01:31	11° \mathfrak{X} 56'32	0°43'02
asc. node	-1478 Apr 02 j 08:20	0° \mathfrak{Y} 44'54		asc. node	-1477 Mar 20 j 05:23	20° \mathfrak{X} 51'07	
	-1478 Apr 02 j 00:05	0° \mathfrak{Y}		evening rise	-1477 Mar 23 j 04:11	27° \mathfrak{X} 06'58	
evening rise	-1478 Apr 07 j 16:47	12° \mathfrak{Y} 16'51			-1477 Mar 24 j 13:24	0° \mathfrak{Y}	
	-1478 Apr 16 j 17:56	0° \mathfrak{X}			-1477 Apr 11 j 21:34	0° \mathfrak{X}	
evening max el	-1478 May 02 j 10:29	21° \mathfrak{X} 39'27	24°12'02	evening max el	-1477 Apr 14 j 02:44	2° \mathfrak{X} 17'29	22°37'10
desc. node	-1478 May 13 j 00:37	28° \mathfrak{X} 13'33		retrograde	-1477 Apr 27 j 05:23	8° \mathfrak{X} 44'31	
retrograde	-1478 May 16 j 07:24	28° \mathfrak{X} 38'14		desc. node	-1477 Apr 29 j 21:39	8° \mathfrak{X} 28'45	
evening set	-1478 May 20 j 17:14	27° \mathfrak{X} 54'49		evening set	-1477 Apr 30 j 07:38	8° \mathfrak{X} 23'33	
min. Earth dist.	-1478 May 26 j 21:58	24° \mathfrak{X} 52'35	0.56581 AU	min. Earth dist.	-1477 May 08 j 11:21	4° \mathfrak{X} 50'51	0.55390 AU
inferior conj	-1478 May 29 j 11:48	23° \mathfrak{X} 15'44	-3°56'47	inferior conj	-1477 May 09 j 15:49	4° \mathfrak{X} 10'14	-2°37'44
minimum elong	-1478 May 29 j 06:01	23° \mathfrak{X} 24'51	3°55'42	minimum elong	-1477 May 09 j 09:25	4° \mathfrak{X} 19'24	2°35'49
morning rise	-1478 Jun 06 j 21:47	19° \mathfrak{X} 13'18		morning rise	-1477 May 18 j 13:11	0° \mathfrak{X} 15'06	
direct	-1478 Jun 09 j 11:28	18° \mathfrak{X} 55'43			-1477 May 20 j 08:09	30° \mathfrak{R} \mathfrak{Y}	
morning max el	-1478 Jun 19 j 03:09	23° \mathfrak{X} 24'11	19°39'51	direct	-1477 May 21 j 06:26	29° \mathfrak{Y} 57'57	
	-1478 Jun 24 j 17:10	0° \mathfrak{L}			-1477 May 22 j 04:33	0° \mathfrak{X}	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning max el	-1477 Jun 01 j 13:34	5°♄13'57	20°55'31			-1476 May 24 j 05:39	0°♄	
asc. node	-1477 Jun 16 j 04:42	26°♄32'13		asc. node		-1476 Jun 02 j 01:46	16°♄09'00	
	-1477 Jun 17 j 23:32	0°♄		morning set		-1476 Jun 04 j 10:16	20°♄59'15	
morning set	-1477 Jun 20 j 23:57	6°♄05'23				-1476 Jun 08 j 16:30	0°♄	
superior conj	-1477 Jun 28 j 12:21	21°♄40'36	1°39'07	superior conj		-1476 Jun 11 j 15:21	6°♄16'33	1°25'40
minimum elong	-1477 Jun 28 j 10:18	21°♄30'02	1°38'58	minimum elong		-1476 Jun 11 j 12:48	6°♄03'08	1°25'23
	-1477 Jul 02 j 15:18	0°♄		max. Earth dist.		-1476 Jun 14 j 15:51	12°♄35'59	1.34297 AU
max. Earth dist.	-1477 Jul 02 j 21:27	0°♄30'22	1.35670 AU	evening rise		-1476 Jun 19 j 12:29	22°♄23'12	
evening rise	-1477 Jul 07 j 03:09	8°♄40'15				-1476 Jun 23 j 12:26	0°♄	
	-1477 Jul 19 j 09:54	0°♄				-1476 Jul 12 j 03:11	0°♄	
desc. node	-1477 Jul 26 j 21:00	11°♄20'15		desc. node		-1476 Jul 12 j 18:00	0°♄50'26	
	-1477 Aug 10 j 20:36	0°♄		evening max el		-1476 Jul 24 j 04:51	14°♄16'58	27°09'38
evening max el	-1477 Aug 11 j 17:04	0°♄50'32	26°26'53	retrograde		-1476 Aug 06 j 12:40	21°♄36'37	
retrograde	-1477 Aug 24 j 12:09	8°♄03'08		evening set		-1476 Aug 13 j 12:05	18°♄49'53	
evening set	-1477 Aug 31 j 00:29	5°♄20'19		min. Earth dist.		-1476 Aug 17 j 07:17	15°♄08'49	0.64987 AU
min. Earth dist.	-1477 Sep 04 j 02:40	1°♄01'49	0.66153 AU	inferior conj		-1476 Aug 19 j 09:38	12°♄47'35	-2°59'33
	-1477 Sep 04 j 23:00	30°♄		minimum elong		-1476 Aug 19 j 13:44	12°♄36'04	2°58'15
inferior conj	-1477 Sep 05 j 15:55	29°♄08'15	-2°08'13	morning rise		-1476 Aug 25 j 16:00	7°♄14'17	
minimum elong	-1477 Sep 05 j 19:02	28°♄58'45	2°07'02	direct		-1476 Aug 28 j 10:24	6°♄33'20	
morning rise	-1477 Sep 11 j 13:54	23°♄20'33		asc. node		-1476 Aug 29 j 00:58	6°♄35'19	
asc. node	-1477 Sep 12 j 03:55	23°♄02'24		morning max el		-1476 Sep 03 j 23:00	10°♄04'27	18°10'14
direct	-1477 Sep 14 j 14:49	22°♄28'09				-1476 Sep 17 j 15:13	0°♄	
morning max el	-1477 Sep 21 j 09:04	26°♄13'53	18°42'47	morning set		-1476 Sep 22 j 06:17	7°♄41'59	
	-1477 Sep 24 j 15:04	0°♄				-1476 Oct 05 j 22:11	0°♄	
morning set	-1477 Oct 12 j 05:49	26°♄52'56		superior conj		-1476 Oct 06 j 10:02	0°♄47'17	0°14'59
	-1477 Oct 14 j 04:47	0°♄		minimum elong		-1476 Oct 06 j 11:53	0°♄54'38	0°14'43
desc. node	-1477 Oct 22 j 20:22	13°♄41'51		behind sun begin		-1476 Oct 06 j 07:14	0°♄36'07	
superior conj	-1477 Oct 28 j 06:03	22°♄12'20	-0°34'32	behind sun end		-1476 Oct 06 j 16:31	1°♄13'09	
minimum elong	-1477 Oct 28 j 01:32	21°♄54'35	0°33'57	desc. node		-1476 Oct 08 j 17:25	4°♄27'23	
max. Earth dist.	-1477 Oct 28 j 04:43	22°♄07'07	1.44947 AU	max. Earth dist.		-1476 Oct 09 j 23:37	6°♄26'52	1.44741 AU
	-1477 Nov 02 j 04:49	0°♄		evening rise		-1476 Oct 22 j 23:02	26°♄43'54	
evening rise	-1477 Nov 13 j 02:42	17°♄19'27				-1476 Oct 25 j 01:37	0°♄	
	-1477 Nov 21 j 00:57	0°♄		greatest brilliancy		-1476 Nov 04 j 16:15	16°♄15'54	-0.7m
evening max el	-1477 Dec 04 j 17:54	19°♄24'25	18°56'12			-1476 Nov 14 j 12:02	0°♄	
asc. node	-1477 Dec 09 j 03:07	22°♄44'00		evening max el		-1476 Nov 17 j 00:47	2°♄51'40	19°45'12
retrograde	-1477 Dec 11 j 14:11	23°♄17'19		retrograde		-1476 Nov 24 j 11:12	7°♄11'39	
evening set	-1477 Dec 14 j 19:01	22°♄18'18		asc. node		-1476 Nov 25 j 00:10	7°♄09'59	
inferior conj	-1477 Dec 20 j 12:15	16°♄32'57	3°14'37	evening set		-1476 Nov 27 j 23:34	5°♄59'20	
minimum elong	-1477 Dec 20 j 09:24	16°♄41'48	3°13'57	inferior conj		-1476 Dec 03 j 12:04	29°♄59'56	2°37'52
min. Earth dist.	-1477 Dec 22 j 02:33	14°♄34'17	0.65457 AU	minimum elong		-1476 Dec 03 j 09:13	0°♄09'21	2°36'57
morning rise	-1477 Dec 25 j 23:30	10°♄24'15				-1476 Dec 03 j 12:03	30°♄	
direct	-1476 Jan 01 j 13:24	7°♄33'29		min. Earth dist.		-1476 Dec 04 j 12:40	28°♄38'57	0.66497 AU
morning max el	-1476 Jan 14 j 13:06	15°♄08'42	26°43'16	morning rise		-1476 Dec 08 j 18:40	23°♄47'25	
desc. node	-1476 Jan 18 j 19:34	19°♄47'08		direct		-1476 Dec 14 j 19:22	21°♄07'44	
	-1476 Jan 26 j 18:46	0°♄		morning max el		-1476 Dec 26 j 22:15	28°♄18'45	25°33'07
	-1476 Feb 14 j 15:19	0°♄				-1476 Dec 28 j 13:10	0°♄	
morning set	-1476 Feb 19 j 11:20	8°♄56'15		desc. node		-1475 Jan 04 j 16:39	8°♄31'37	
max. Earth dist.	-1476 Feb 23 j 18:57	17°♄21'46	1.34613 AU			-1475 Jan 19 j 12:53	0°♄	
superior conj	-1476 Feb 28 j 00:28	25°♄58'45	-1°08'39	morning set		-1475 Feb 01 j 04:48	21°♄30'25	
minimum elong	-1476 Feb 28 j 03:32	26°♄14'35	1°08'08	max. Earth dist.		-1475 Feb 04 j 23:38	28°♄32'07	1.36212 AU
	-1476 Feb 29 j 22:48	0°♄				-1475 Feb 05 j 18:07	0°♄	
asc. node	-1476 Mar 06 j 02:27	10°♄47'46		superior conj		-1475 Feb 10 j 17:11	9°♄42'11	-1°31'16
evening rise	-1476 Mar 06 j 13:30	11°♄45'07		minimum elong		-1475 Feb 10 j 20:46	10°♄00'05	1°30'49
	-1476 Mar 16 j 03:12	0°♄		evening rise		-1475 Feb 18 j 18:45	26°♄05'04	
evening max el	-1476 Mar 26 j 01:51	13°♄12'16	21°08'11	asc. node		-1475 Feb 20 j 23:29	0°♄29'55	
retrograde	-1476 Apr 06 j 18:57	18°♄51'25				-1475 Feb 20 j 17:28	0°♄	
evening set	-1476 Apr 09 j 03:05	18°♄38'43		evening max el		-1475 Mar 08 j 11:35	24°♄41'10	19°54'03
desc. node	-1476 Apr 15 j 18:39	16°♄07'59		retrograde		-1475 Mar 18 j 11:58	29°♄28'24	
inferior conj	-1476 Apr 18 j 10:31	14°♄39'57	-0°45'14	evening set		-1475 Mar 20 j 16:12	29°♄15'49	
minimum elong	-1476 Apr 18 j 08:22	14°♄42'58	0°44'27	inferior conj		-1475 Mar 29 j 10:12	25°♄14'39	1°10'22
min. Earth dist.	-1476 Apr 19 j 00:35	14°♄20'04	0.55062 AU	minimum elong		-1475 Mar 29 j 13:08	25°♄10'08	1°09'23
morning rise	-1476 Apr 27 j 13:33	10°♄35'15		min. Earth dist.		-1475 Mar 31 j 14:42	23°♄54'14	0.55683 AU
direct	-1476 Apr 30 j 17:27	10°♄13'34		desc. node		-1475 Apr 02 j 15:43	22°♄43'37	
morning max el	-1476 May 13 j 13:22	16°♄22'07	22°27'48	morning rise		-1475 Apr 07 j 07:53	20°♄42'54	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

direct	-1475 Apr 11 j 09:16	20° H 06'31		direct	-1474 Mar 23 j 14:18	0° H 10'37	
morning max el	-1475 Apr 25 j 05:57	27° H 00'37	24°08'04	morning max el	-1474 Apr 06 j 21:02	7° H 34'37	25°42'33
	-1475 Apr 28 j 03:23	0° Y			-1474 Apr 23 j 11:24	0° Y	
	-1475 May 17 j 00:30	0° B		morning set	-1474 May 04 j 09:58	20° Y 58'23	
morning set	-1475 May 19 j 22:10	5° B 58'50		asc. node	-1474 May 06 j 19:51	26° Y 06'40	
asc. node	-1475 May 19 j 22:49	6° B 02'16			-1474 May 08 j 14:55	0° B	
superior conj	-1475 May 26 j 23:14	21° B 07'25	1°07'51	superior conj	-1474 May 11 j 09:58	6° B 06'15	0°46'42
minimum elong	-1475 May 26 j 20:47	20° B 54'14	1°07'28	minimum elong	-1474 May 11 j 08:04	5° B 55'53	0°46'21
max. Earth dist.	-1475 May 28 j 19:12	25° B 03'45	1.33303 AU	max. Earth dist.	-1474 May 12 j 05:00	7° B 50'11	1.32689 AU
	-1475 May 31 j 03:07	0° II		evening rise	-1474 May 18 j 12:01	21° B 16'07	
evening rise	-1475 Jun 03 j 08:31	6° II 38'33			-1474 May 22 j 20:35	0° II	
	-1475 Jun 16 j 01:36	0° E			-1474 Jun 10 j 05:49	0° E	
desc. node	-1475 Jun 29 j 14:59	19° E 38'59		desc. node	-1474 Jun 16 j 11:59	7° E 28'18	
evening max el	-1475 Jul 06 j 15:04	27° E 21'58	27°25'20	evening max el	-1474 Jun 18 j 21:38	9° E 53'48	27°09'15
	-1475 Jul 09 j 14:47	0° O		retrograde	-1474 Jul 02 j 19:39	17° E 13'09	
retrograde	-1475 Jul 20 j 07:26	4° O 43'09		evening set	-1474 Jul 09 j 20:34	14° E 56'30	
evening set	-1475 Jul 27 j 12:08	2° O 04'18		min. Earth dist.	-1474 Jul 13 j 11:37	12° E 10'55	0.61580 AU
	-1475 Jul 29 j 23:46	30° R E		inferior conj	-1474 Jul 16 j 15:01	9° E 22'07	-4°19'27
min. Earth dist.	-1475 Jul 31 j 02:28	28° E 56'16	0.63445 AU	minimum elong	-1474 Jul 16 j 18:24	9° E 14'31	4°18'58
inferior conj	-1475 Aug 02 j 18:23	26° E 14'36	-3°44'55	morning rise	-1474 Jul 23 j 17:49	4° E 26'49	
minimum elong	-1475 Aug 02 j 22:46	26° E 03'30	3°43'52	direct	-1474 Jul 26 j 06:01	4° E 00'20	
morning rise	-1475 Aug 09 j 10:26	20° E 58'59		morning max el	-1474 Aug 02 j 04:35	7° E 28'15	17°58'40
direct	-1475 Aug 12 j 00:39	20° E 26'30		asc. node	-1474 Aug 02 j 19:05	8° E 04'51	
asc. node	-1475 Aug 15 j 22:02	21° E 40'26			-1474 Aug 16 j 17:55	0° O	
morning max el	-1475 Aug 18 j 14:28	23° E 51'32	17°55'12	morning set	-1474 Aug 18 j 04:45	2° O 39'07	
	-1475 Aug 23 j 12:28	0° O					
morning set	-1475 Sep 04 j 07:50	19° O 42'43		superior conj	-1474 Aug 28 j 16:13	21° O 28'41	1°26'51
	-1475 Sep 10 j 06:24	0° P		minimum elong	-1474 Aug 28 j 20:49	21° O 48'42	1°26'27
superior conj	-1475 Sep 16 j 11:20	10° P 27'09	0°57'26		-1474 Sep 02 j 15:45	0° P	
minimum elong	-1475 Sep 16 j 16:30	10° P 48'31	0°56'49	max. Earth dist.	-1474 Sep 05 j 02:51	4° P 06'11	1.42346 AU
max. Earth dist.	-1475 Sep 22 j 15:42	20° P 31'45	1.43831 AU	evening rise	-1474 Sep 11 j 16:21	14° P 42'19	
desc. node	-1475 Sep 25 j 14:25	25° P 13'36		desc. node	-1474 Sep 12 j 11:24	15° P 57'24	
	-1475 Sep 28 j 15:11	0° A			-1474 Sep 21 j 15:10	0° A	
evening rise	-1475 Oct 02 j 05:31	5° A 35'37		evening max el	-1474 Oct 13 j 21:37	29° A 46'28	22°02'20
	-1475 Oct 18 j 11:41	0° M			-1474 Oct 14 j 02:59	0° M	
evening max el	-1475 Oct 31 j 02:08	16° M 18'58	20°48'24	retrograde	-1474 Oct 23 j 04:48	5° M 18'16	
retrograde	-1475 Nov 08 j 08:44	21° M 13'01		evening set	-1474 Oct 27 j 14:28	3° M 33'14	
asc. node	-1475 Nov 11 j 21:12	20° M 02'15		asc. node	-1474 Oct 29 j 18:16	1° M 25'19	
evening set	-1475 Nov 12 j 06:41	19° M 45'19			-1474 Oct 30 j 22:08	30° R A	
inferior conj	-1475 Nov 17 j 16:13	13° M 35'18	1°53'58	inferior conj	-1474 Nov 01 j 22:38	27° A 16'14	1°04'51
minimum elong	-1475 Nov 17 j 13:52	13° M 43'19	1°53'03	minimum elong	-1474 Nov 01 j 21:11	27° A 21'16	1°04'14
min. Earth dist.	-1475 Nov 18 j 04:47	12° M 52'26	0.67170 AU	min. Earth dist.	-1474 Nov 02 j 00:21	27° A 10'18	0.67517 AU
morning rise	-1475 Nov 22 j 20:53	7° M 21'11		morning rise	-1474 Nov 07 j 03:43	21° A 02'56	
direct	-1475 Nov 28 j 06:35	4° M 59'48		direct	-1474 Nov 11 j 22:18	19° A 03'17	
morning max el	-1475 Dec 09 j 06:50	11° M 33'58	24°09'28	morning max el	-1474 Nov 21 j 17:07	24° A 52'15	22°42'03
desc. node	-1475 Dec 22 j 13:43	27° M 56'29			-1474 Nov 26 j 07:05	0° M	
	-1475 Dec 24 j 00:57	0° J		desc. node	-1474 Dec 09 j 10:44	17° M 49'27	
	-1474 Jan 12 j 07:23	0° Z			-1474 Dec 17 j 13:05	0° J	
morning set	-1474 Jan 14 j 00:52	2° Z 57'47		morning set	-1474 Dec 25 j 17:22	13° J 02'01	
max. Earth dist.	-1474 Jan 17 j 20:02	9° Z 38'57	1.38165 AU	max. Earth dist.	-1474 Dec 30 j 15:43	21° J 17'04	1.40273 AU
					-1473 Jan 04 j 15:55	0° Z	
superior conj	-1474 Jan 24 j 22:08	22° Z 46'41	-1°48'59	superior conj	-1473 Jan 07 j 10:39	4° Z 59'27	-1°58'43
minimum elong	-1474 Jan 25 j 01:16	23° Z 01'38	1°48'46	minimum elong	-1473 Jan 07 j 11:44	5° Z 04'23	1°58'43
	-1474 Jan 28 j 15:40	0° \approx		evening rise	-1473 Jan 17 j 06:44	23° Z 21'56	
evening rise	-1474 Feb 02 j 17:30	10° \approx 00'11			-1473 Jan 20 j 19:19	0° \approx	
asc. node	-1474 Feb 07 j 20:31	19° \approx 52'10		asc. node	-1473 Jan 25 j 17:33	8° \approx 46'50	
	-1474 Feb 13 j 20:03	0° H		evening max el	-1473 Feb 02 j 12:41	19° \approx 25'33	18°23'48
evening max el	-1474 Feb 19 j 07:59	6° H 47'58	18°58'55	retrograde	-1473 Feb 09 j 21:16	23° \approx 03'13	
retrograde	-1474 Feb 27 j 19:19	10° H 52'35		evening set	-1473 Feb 12 j 09:38	22° \approx 39'02	
evening set	-1474 Mar 02 j 02:59	10° H 35'31		inferior conj	-1473 Feb 19 j 15:56	18° \approx 03'19	3°32'44
inferior conj	-1474 Mar 10 j 02:41	6° H 20'01	2°39'41	minimum elong	-1473 Feb 19 j 19:02	17° \approx 56'53	3°32'16
minimum elong	-1474 Mar 10 j 07:17	6° H 11'51	2°38'29	min. Earth dist.	-1473 Feb 23 j 02:06	15° \approx 15'13	0.59047 AU
min. Earth dist.	-1474 Mar 13 j 06:44	4° H 06'29	0.57116 AU	morning rise	-1473 Feb 27 j 02:07	12° \approx 33'36	
morning rise	-1474 Mar 18 j 08:39	1° H 15'56		direct	-1473 Mar 05 j 08:37	10° \approx 50'11	
desc. node	-1474 Mar 20 j 12:46	0° H 33'15		desc. node	-1473 Mar 07 j 09:50	11° \approx 01'01	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning max el	-1473 Mar 19 j 15:45	18° \approx 29'29	26°56'24	direct	-1472 Feb 15 j 13:24	22° \approx 15'59	
	-1473 Mar 29 j 07:47	0° \mathbb{H}		desc. node	-1472 Feb 22 j 06:55	24° \approx 14'08	
	-1473 Apr 15 j 23:21	0° \mathbb{Y}		morning max el	-1472 Feb 29 j 16:42	0° \approx 02'33	27°38'13
morning set	-1473 Apr 18 j 20:02	5° \mathbb{Y} 51'28			-1472 Feb 29 j 15:40	0° \approx	
asc. node	-1473 Apr 23 j 16:53	16° \mathbb{Y} 17'00			-1472 Mar 22 j 06:59	0° \mathbb{H}	
				morning set	-1472 Apr 02 j 02:29	20° \mathbb{H} 31'38	
superior conj	-1473 Apr 25 j 21:42	21° \mathbb{Y} 06'09	0°23'04		-1472 Apr 06 j 14:16	0° \mathbb{Y}	
minimum elong	-1473 Apr 25 j 20:42	21° \mathbb{Y} 00'36	0°22'51	max. Earth dist.	-1472 Apr 08 j 06:02	3° \mathbb{Y} 35'16	1.32533 AU
max. Earth dist.	-1473 Apr 25 j 17:51	20° \mathbb{Y} 45'02	1.32434 AU				
	-1473 Apr 29 j 23:30	0° \mathbb{B}		superior conj	-1472 Apr 09 j 08:49	6° \mathbb{Y} 01'16	-0°02'16
evening rise	-1473 May 02 j 20:19	6° \mathbb{B} 06'41		minimum elong	-1472 Apr 09 j 08:55	6° \mathbb{Y} 01'50	0°02'15
	-1473 May 15 j 12:07	0° \mathbb{H}		behind sun begin	-1472 Apr 09 j 03:54	5° \mathbb{Y} 34'25	
evening max el	-1473 May 31 j 22:23	21° \mathbb{H} 43'25	26°20'28	behind sun end	-1472 Apr 09 j 13:57	6° \mathbb{Y} 29'16	
desc. node	-1473 Jun 03 j 09:00	23° \mathbb{H} 53'41		asc. node	-1472 Apr 09 j 13:56	6° \mathbb{Y} 29'11	
retrograde	-1473 Jun 14 j 23:35	28° \mathbb{H} 58'50		evening rise	-1472 Apr 16 j 07:19	21° \mathbb{Y} 02'42	
evening set	-1473 Jun 21 j 08:57	27° \mathbb{H} 16'56			-1472 Apr 20 j 16:20	0° \mathbb{B}	
min. Earth dist.	-1473 Jun 25 j 11:30	24° \mathbb{H} 37'49	0.59535 AU		-1472 May 09 j 22:41	0° \mathbb{H}	
inferior conj	-1473 Jun 28 j 19:59	22° \mathbb{H} 01'05	-4°35'33	evening max el	-1472 May 12 j 16:38	2° \mathbb{H} 50'22	25°04'00
minimum elong	-1473 Jun 28 j 20:34	21° \mathbb{H} 59'56	4°35'30	desc. node	-1472 May 20 j 06:03	8° \mathbb{H} 22'03	
morning rise	-1473 Jul 06 j 10:21	17° \mathbb{H} 27'45		retrograde	-1472 May 26 j 17:00	9° \mathbb{H} 57'55	
direct	-1473 Jul 08 j 22:29	17° \mathbb{H} 05'29		evening set	-1472 May 31 j 22:42	8° \mathbb{H} 54'51	
morning max el	-1473 Jul 16 j 14:23	20° \mathbb{H} 46'31	18°21'47	min. Earth dist.	-1472 Jun 06 j 04:27	6° \mathbb{H} 05'21	0.57560 AU
asc. node	-1473 Jul 20 j 16:09	25° \mathbb{H} 33'10		inferior conj	-1472 Jun 09 j 05:54	4° \mathbb{H} 01'34	-4°22'17
	-1473 Jul 23 j 15:19	0° \mathbb{B}		minimum elong	-1472 Jun 09 j 02:16	4° \mathbb{H} 07'45	4°21'52
morning set	-1473 Aug 01 j 15:47	16° \mathbb{B} 17'29			-1472 Jun 16 j 17:17	30° \mathbb{R} \mathbb{B}	
	-1473 Aug 08 j 21:18	0° \mathbb{Q}		morning rise	-1472 Jun 17 j 08:38	29° \mathbb{B} 49'31	
				direct	-1472 Jun 19 j 21:47	29° \mathbb{B} 30'23	
superior conj	-1473 Aug 10 j 21:35	3° \mathbb{Q} 43'21	1°43'01		-1472 Jun 22 j 23:36	0° \mathbb{H}	
minimum elong	-1473 Aug 10 j 23:57	3° \mathbb{Q} 54'13	1°42'55	morning max el	-1472 Jun 28 j 16:55	3° \mathbb{H} 37'02	19°05'27
max. Earth dist.	-1473 Aug 18 j 08:51	17° \mathbb{Q} 00'33	1.40484 AU	asc. node	-1472 Jul 06 j 13:12	13° \mathbb{H} 50'56	
evening rise	-1473 Aug 22 j 23:30	24° \mathbb{Q} 46'56			-1472 Jul 15 j 07:28	0° \mathbb{B}	
	-1473 Aug 26 j 04:20	0° \mathbb{H}		morning set	-1472 Jul 15 j 12:49	0° \mathbb{B} 26'25	
desc. node	-1473 Aug 30 j 08:24	6° \mathbb{H} 35'27					
	-1473 Sep 15 j 10:59	0° \mathbb{B}		superior conj	-1472 Jul 23 j 21:38	16° \mathbb{B} 54'44	1°48'03
evening max el	-1473 Sep 26 j 12:17	13° \mathbb{B} 16'20	23°22'02	minimum elong	-1472 Jul 23 j 21:46	16° \mathbb{B} 55'22	1°48'04
retrograde	-1473 Oct 06 j 22:01	19° \mathbb{B} 25'27		max. Earth dist.	-1472 Jul 30 j 11:43	29° \mathbb{B} 14'15	1.38489 AU
evening set	-1473 Oct 11 j 21:18	17° \mathbb{B} 21'48			-1472 Jul 30 j 21:51	0° \mathbb{Q}	
asc. node	-1473 Oct 16 j 15:19	11° \mathbb{B} 50'11		evening rise	-1472 Aug 03 j 07:59	6° \mathbb{Q} 03'38	
inferior conj	-1473 Oct 17 j 05:32	11° \mathbb{B} 01'27	0°12'16	desc. node	-1472 Aug 16 j 05:25	27° \mathbb{Q} 02'54	
minimum elong	-1473 Oct 17 j 05:15	11° \mathbb{B} 02'28	0°12'09		-1472 Aug 18 j 04:26	0° \mathbb{H}	
transit middle	-1473 Oct 17 j 05:15	11° \mathbb{B} 02'28	0°12'09	evening max el	-1472 Sep 08 j 00:06	26° \mathbb{H} 48'52	24°41'16
transit begin	-1473 Oct 17 j 03:26	11° \mathbb{B} 08'40			-1472 Sep 11 j 13:31	0° \mathbb{B}	
transit end	-1473 Oct 17 j 07:03	10° \mathbb{B} 56'16		retrograde	-1472 Sep 19 j 11:24	3° \mathbb{B} 30'22	
min. Earth dist.	-1473 Oct 16 j 20:56	11° \mathbb{B} 30'58	0.67552 AU	evening set	-1472 Sep 25 j 01:26	1° \mathbb{B} 08'29	
morning rise	-1473 Oct 22 j 13:06	4° \mathbb{B} 51'42			-1472 Sep 26 j 06:14	30° \mathbb{R} \mathbb{H}	
direct	-1473 Oct 26 j 17:33	3° \mathbb{B} 14'06		min. Earth dist.	-1472 Sep 29 j 16:04	25° \mathbb{H} 52'04	0.67271 AU
morning max el	-1473 Nov 04 j 08:40	8° \mathbb{B} 18'09	21°19'23	inferior conj	-1472 Sep 30 j 11:12	24° \mathbb{H} 48'25	-0°42'17
	-1473 Nov 20 j 21:50	0° \mathbb{H}		minimum elong	-1472 Sep 30 j 12:13	24° \mathbb{H} 44'58	0°41'50
desc. node	-1473 Nov 26 j 07:46	8° \mathbb{H} 02'57		asc. node	-1472 Oct 02 j 12:23	22° \mathbb{H} 09'36	
morning set	-1473 Dec 05 j 05:38	21° \mathbb{H} 46'48		morning rise	-1472 Oct 05 j 23:04	18° \mathbb{H} 45'00	
	-1473 Dec 10 j 09:12	0° \mathbb{B}		direct	-1472 Oct 09 j 15:03	17° \mathbb{H} 27'39	
max. Earth dist.	-1473 Dec 12 j 17:49	3° \mathbb{B} 50'45	1.42244 AU	morning max el	-1472 Oct 17 j 07:41	21° \mathbb{H} 53'56	20°07'16
					-1472 Oct 23 j 23:58	0° \mathbb{B}	
superior conj	-1473 Dec 20 j 01:21	16° \mathbb{B} 07'40	-1°56'23	desc. node	-1472 Nov 12 j 04:48	28° \mathbb{B} 30'36	
minimum elong	-1473 Dec 19 j 22:33	15° \mathbb{B} 55'40	1°56'19	morning set	-1472 Nov 13 j 02:51	29° \mathbb{B} 55'47	
	-1473 Dec 27 j 22:30	0° \mathbb{B}			-1472 Nov 13 j 03:57	0° \mathbb{H}	
evening rise	-1473 Dec 31 j 06:56	6° \mathbb{B} 03'13		max. Earth dist.	-1472 Nov 24 j 03:51	17° \mathbb{H} 16'38	1.43792 AU
asc. node	-1472 Jan 12 j 14:35	27° \mathbb{B} 05'23					
	-1472 Jan 14 j 18:40	0° \mathbb{B}		superior conj	-1472 Nov 29 j 13:27	26° \mathbb{H} 00'39	-1°37'49
evening max el	-1472 Jan 16 j 22:42	2° \mathbb{B} 25'21	18°08'32	minimum elong	-1472 Nov 29 j 06:28	25° \mathbb{H} 32'09	1°37'15
retrograde	-1472 Jan 23 j 16:06	5° \mathbb{B} 51'54			-1472 Dec 01 j 23:38	0° \mathbb{B}	
evening set	-1472 Jan 26 j 08:29	5° \mathbb{B} 19'20		evening rise	-1472 Dec 12 j 13:50	17° \mathbb{B} 55'41	
inferior conj	-1472 Feb 02 j 00:29	0° \mathbb{B} 21'56	3°53'51		-1472 Dec 19 j 14:38	0° \mathbb{B}	
minimum elong	-1472 Feb 02 j 01:08	0° \mathbb{B} 20'23	3°53'49	asc. node	-1472 Dec 29 j 11:38	14° \mathbb{B} 36'57	
	-1472 Feb 02 j 09:40	30° \mathbb{R} \mathbb{B}		evening max el	-1472 Dec 30 j 11:04	15° \mathbb{B} 39'26	18°12'39
min. Earth dist.	-1472 Feb 05 j 03:48	27° \mathbb{B} 23'48	0.61119 AU	retrograde	-1471 Jan 05 j 23:18	19° \mathbb{B} 08'10	
morning rise	-1472 Feb 08 j 16:22	24° \mathbb{B} 34'56		evening set	-1471 Jan 08 j 19:39	18° \mathbb{B} 26'25	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

inferior conj	-1471 Jan 15 j 00:40	13° Z 08'34	3°51'10	minimum elong	-1471 Dec 29 j 10:01	26° Z 22'49	3°31'07
minimum elong	-1471 Jan 14 j 23:18	13° Z 12'16	3°51'02	min. Earth dist.	-1471 Dec 31 j 11:26	23° Z 56'28	0.64677 AU
min. Earth dist.	-1471 Jan 17 j 14:39	10° Z 22'26	0.63047 AU	morning rise	-1470 Jan 04 j 03:54	20° Z 09'21	
morning rise	-1471 Jan 21 j 02:09	7° Z 10'11		direct	-1470 Jan 10 j 23:27	17° Z 17'11	
direct	-1471 Jan 28 j 02:44	4° Z 27'15		morning max el	-1470 Jan 24 j 08:40	25° Z 01'34	27°13'42
desc. node	-1471 Feb 08 j 04:00	9° Z 41'10		desc. node	-1470 Jan 26 j 01:03	26° Z 45'57	
morning max el	-1471 Feb 10 j 23:16	12° Z 16'28	27°43'24		-1470 Jan 28 j 22:11	0° Z	
	-1471 Feb 25 j 02:48	0° \approx			-1470 Feb 18 j 13:09	0° \approx	
	-1471 Mar 14 j 16:10	0° H		morning set	-1470 Feb 28 j 18:53	18° \approx 39'54	
morning set	-1471 Mar 17 j 03:07	4° H 51'20		max. Earth dist.	-1470 Mar 05 j 12:12	28° \approx 06'26	1.33891 AU
max. Earth dist.	-1471 Mar 22 j 13:34	16° H 07'07	1.33003 AU		-1470 Mar 06 j 10:15	0° H	
superior conj	-1471 Mar 24 j 17:36	20° H 45'47	-0°28'23	superior conj	-1470 Mar 08 j 22:04	5° H 12'18	-0°54'20
minimum elong	-1471 Mar 24 j 18:56	20° H 52'56	0°28'07	minimum elong	-1470 Mar 09 j 00:33	5° H 25'28	0°53'52
asc. node	-1471 Mar 27 j 10:59	26° H 39'08		asc. node	-1470 Mar 14 j 08:01	16° H 41'53	
	-1471 Mar 29 j 00:10	0° Y		evening rise	-1470 Mar 16 j 05:52	20° H 43'15	
evening rise	-1471 Mar 31 j 19:07	5° Y 57'23			-1470 Mar 20 j 19:44	0° Y	
	-1471 Apr 13 j 16:14	0° B		evening max el	-1470 Apr 06 j 01:59	24° Y 12'54	21°57'56
evening max el	-1471 Apr 24 j 07:38	13° B 30'57	23°31'39		-1470 Apr 15 j 15:03	0° B	
desc. node	-1471 May 07 j 03:06	20° B 17'28		retrograde	-1470 Apr 18 j 16:26	0° B 21'44	
retrograde	-1471 May 07 j 22:27	20° B 18'57		evening set	-1470 Apr 21 j 08:41	0° B 05'46	
evening set	-1471 May 11 j 18:08	19° B 46'49			-1470 Apr 21 j 19:37	30° R Y	
min. Earth dist.	-1471 May 18 j 18:09	16° B 33'15	0.55983 AU	desc. node	-1470 Apr 24 j 00:09	29° Y 21'03	
inferior conj	-1471 May 20 j 19:51	15° B 19'05	-3°28'32	inferior conj	-1470 Apr 30 j 18:24	26° Y 00'13	-1°52'41
minimum elong	-1471 May 20 j 13:11	15° B 29'05	3°26'56	minimum elong	-1470 Apr 30 j 13:20	26° Y 07'21	1°50'58
morning rise	-1471 May 29 j 11:04	11° B 21'59		min. Earth dist.	-1470 Apr 30 j 07:33	26° Y 15'30	0.55132 AU
direct	-1471 Jun 01 j 01:53	11° B 04'58		morning rise	-1470 May 09 j 19:15	22° Y 03'20	
morning max el	-1471 Jun 11 j 09:48	15° B 51'45	20°09'47	direct	-1470 May 12 j 15:29	21° Y 45'18	
	-1471 Jun 21 j 20:42	0° II		morning max el	-1470 May 24 j 15:41	27° Y 24'00	21°33'07
asc. node	-1471 Jun 23 j 10:16	2° II 46'48			-1470 May 27 j 04:40	0° B	
morning set	-1471 Jun 29 j 16:49	14° II 58'07		asc. node	-1470 Jun 10 j 07:19	22° B 10'32	
				morning set	-1470 Jun 14 j 01:21	29° B 45'09	
superior conj	-1471 Jul 07 j 11:13	0° E 48'28	1°44'21		-1470 Jun 14 j 04:13	0° II	
minimum elong	-1471 Jul 07 j 09:44	0° E 41'04	1°44'19	superior conj	-1470 Jun 21 j 10:12	15° II 11'36	1°34'01
	-1471 Jul 07 j 01:35	0° E		minimum elong	-1470 Jun 21 j 07:52	14° II 59'25	1°33'49
max. Earth dist.	-1471 Jul 12 j 16:33	11° E 04'08	1.36615 AU	max. Earth dist.	-1470 Jun 25 j 04:51	22° II 56'23	1.35037 AU
evening rise	-1471 Jul 16 j 15:22	18° E 27'48			-1470 Jun 28 j 18:37	0° E	
	-1471 Jul 23 j 04:48	0° O		evening rise	-1470 Jun 29 j 16:38	1° E 45'52	
desc. node	-1471 Aug 03 j 02:25	17° O 14'16			-1470 Jul 16 j 04:05	0° O	
	-1471 Aug 12 j 08:33	0° P		desc. node	-1470 Jul 20 j 23:26	7° O 02'06	
evening max el	-1471 Aug 21 j 11:13	10° P 23'21	25°52'31	evening max el	-1470 Aug 03 j 22:48	23° O 55'00	26°47'59
retrograde	-1471 Sep 02 j 20:20	17° P 28'14			-1470 Aug 12 j 03:23	0° P	
evening set	-1471 Sep 09 j 00:59	14° P 51'07		retrograde	-1470 Aug 17 j 00:15	1° P 12'30	
min. Earth dist.	-1471 Sep 13 j 07:26	10° P 11'12	0.66661 AU		-1470 Aug 21 j 11:49	30° R O	
inferior conj	-1471 Sep 14 j 13:49	8° P 34'58	-1°37'11	evening set	-1470 Aug 23 j 17:44	28° O 26'40	
minimum elong	-1471 Sep 14 j 16:13	8° P 27'23	1°36'12	min. Earth dist.	-1470 Aug 27 j 16:42	24° O 24'16	0.65697 AU
asc. node	-1471 Sep 19 j 09:27	3° P 19'51		inferior conj	-1470 Aug 29 j 11:27	22° O 18'04	-2°30'32
morning rise	-1471 Sep 20 j 07:41	2° P 40'47		minimum elong	-1470 Aug 29 j 15:02	22° O 07'27	2°29'15
direct	-1471 Sep 23 j 13:21	1° P 40'26		morning rise	-1470 Sep 04 j 12:50	16° O 36'09	
morning max el	-1471 Sep 30 j 13:59	5° P 38'31	19°09'06	asc. node	-1470 Sep 06 j 06:31	15° O 56'49	
	-1471 Oct 17 j 20:30	0° A		direct	-1470 Sep 07 j 10:34	15° O 49'12	
morning set	-1471 Oct 23 j 09:09	8° A 38'35		morning max el	-1470 Sep 14 j 01:47	19° O 28'02	18°26'50
desc. node	-1471 Oct 30 j 01:49	19° A 07'55			-1470 Sep 22 j 01:18	0° P	
	-1471 Nov 05 j 23:54	0° M		morning set	-1470 Oct 03 j 17:13	18° P 39'27	
max. Earth dist.	-1471 Nov 06 j 19:24	1° M 16'52	1.44724 AU		-1470 Oct 10 j 18:06	0° A	
superior conj	-1471 Nov 09 j 00:22	4° M 46'09	-1°01'32	desc. node	-1470 Oct 16 j 22:50	9° A 51'20	
minimum elong	-1471 Nov 08 j 17:11	4° M 17'42	1°00'42	superior conj	-1470 Oct 19 j 00:25	13° A 07'03	-0°13'23
evening rise	-1471 Nov 23 j 23:05	28° M 51'14		minimum elong	-1470 Oct 18 j 22:39	13° A 00'04	0°13'09
	-1471 Nov 24 j 15:50	0° Z		behind sun begin	-1470 Oct 18 j 15:55	12° A 33'32	
evening max el	-1471 Dec 13 j 23:06	29° Z 01'42	18°35'17	behind sun end	-1470 Oct 19 j 05:23	13° A 26'36	
	-1471 Dec 14 j 23:13	0° Z		max. Earth dist.	-1470 Oct 20 j 13:27	15° A 32'54	1.44940 AU
asc. node	-1471 Dec 16 j 08:41	1° Z 08'09			-1470 Oct 29 j 18:17	0° M	
retrograde	-1471 Dec 20 j 14:29	2° Z 43'23		evening rise	-1470 Nov 04 j 08:08	8° M 46'19	
evening set	-1471 Dec 23 j 15:42	1° Z 51'17		greatest brilliancy	-1470 Nov 14 j 08:31	24° M 29'52	-0.8m
	-1471 Dec 26 j 02:20	30° R Z			-1470 Nov 17 j 22:50	0° Z	
inferior conj	-1471 Dec 29 j 12:34	26° Z 15'16	3°31'36				

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening max el	-1470 Nov 27 j 08:28	12°♊28'23	19°15'13	evening rise	-1469 Oct 14 j 20:40	17°♊51'32	
asc. node	-1470 Dec 03 j 05:44	16°♊24'11			-1469 Oct 22 j 18:54	0°♊	
retrograde	-1470 Dec 04 j 10:07	16°♊32'02		greatest brilliancy	-1469 Oct 28 j 20:56	9°♊08'07	-0.6m
evening set	-1470 Dec 07 j 17:50	15°♊27'48		evening max el	-1469 Nov 10 j 13:12	25°♊55'47	20°10'38
inferior conj	-1470 Dec 13 j 08:51	9°♊36'18	3°00'05		-1469 Nov 15 j 23:14	0°♊	
minimum elong	-1470 Dec 13 j 05:55	9°♊45'40	2°59'17	retrograde	-1469 Nov 18 j 07:28	0°♊29'10	
min. Earth dist.	-1470 Dec 14 j 17:14	7°♊53'03	0.65940 AU	asc. node	-1469 Nov 20 j 02:47	0°♊10'28	
morning rise	-1470 Dec 18 j 17:43	3°♊25'37			-1469 Nov 20 j 13:26	30°♊	
direct	-1470 Dec 25 j 02:26	0°♊38'01		evening set	-1469 Nov 21 j 23:41	29°♊10'37	
morning max el	-1469 Jan 06 j 18:09	8°♊05'18	26°15'43	inferior conj	-1469 Nov 27 j 10:44	23°♊06'33	2°19'58
desc. node	-1469 Jan 12 j 22:06	15°♊00'20		minimum elong	-1469 Nov 27 j 08:03	23°♊15'35	2°19'02
	-1469 Jan 23 j 22:17	0°♊		min. Earth dist.	-1469 Nov 28 j 06:05	22°♊01'44	0.66828 AU
	-1469 Feb 10 j 23:12	0°♊		morning rise	-1469 Dec 02 j 16:12	16°♊53'16	
morning set	-1469 Feb 11 j 21:56	1°♊45'38		direct	-1469 Dec 08 j 10:48	14°♊20'29	
max. Earth dist.	-1469 Feb 15 j 23:08	9°♊30'15	1.35238 AU	morning max el	-1469 Dec 20 j 02:38	21°♊16'47	24°58'35
					-1469 Dec 27 j 16:32	0°♊	
superior conj	-1469 Feb 20 j 19:54	19°♊14'10	-1°18'40	desc. node	-1469 Dec 30 j 19:08	4°♊03'10	
minimum elong	-1469 Feb 20 j 23:16	19°♊31'21	1°18'10		-1468 Jan 17 j 04:03	0°♊	
	-1469 Feb 26 j 00:54	0°♊		morning set	-1468 Jan 25 j 07:01	13°♊52'48	
evening rise	-1469 Feb 28 j 13:42	5°♊14'28		max. Earth dist.	-1468 Jan 28 j 23:18	20°♊33'31	1.37011 AU
asc. node	-1469 Mar 01 j 05:03	6°♊33'05			-1468 Feb 02 j 22:50	0°♊	
	-1469 Mar 14 j 13:35	0°♊					
evening max el	-1469 Mar 19 j 05:32	5°♊21'39	20°34'32	superior conj	-1468 Feb 04 j 08:05	2°♊42'12	-1°39'32
retrograde	-1469 Mar 30 j 05:35	10°♊37'52		minimum elong	-1468 Feb 04 j 11:38	2°♊59'36	1°39'11
evening set	-1469 Apr 01 j 10:32	10°♊26'02		evening rise	-1468 Feb 12 j 16:28	19°♊24'16	
inferior conj	-1469 Apr 10 j 13:28	6°♊28'36	0°05'28	asc. node	-1468 Feb 16 j 02:05	26°♊07'19	
minimum elong	-1469 Apr 10 j 13:43	6°♊28'14	0°05'23		-1468 Feb 18 j 03:06	0°♊	
transit middle	-1469 Apr 10 j 13:43	6°♊28'14	0°05'23	evening max el	-1468 Feb 29 j 20:02	17°♊07'04	19°28'11
transit begin	-1469 Apr 10 j 09:54	6°♊33'46		retrograde	-1468 Mar 10 j 03:17	21°♊33'58	
transit end	-1469 Apr 10 j 17:32	6°♊22'42		evening set	-1468 Mar 12 j 08:49	21°♊19'46	
desc. node	-1469 Apr 10 j 21:12	6°♊17'23		inferior conj	-1468 Mar 20 j 19:13	17°♊13'38	1°52'30
min. Earth dist.	-1469 Apr 11 j 21:25	5°♊42'21	0.55218 AU	minimum elong	-1468 Mar 20 j 23:21	17°♊06'55	1°51'14
morning rise	-1469 Apr 19 j 15:39	2°♊13'32		min. Earth dist.	-1468 Mar 23 j 11:58	15°♊29'11	0.56216 AU
direct	-1469 Apr 23 j 03:28	1°♊47'01		desc. node	-1468 Mar 27 j 18:14	13°♊08'35	
morning max el	-1469 May 06 j 11:47	8°♊17'09	23°10'01	morning rise	-1468 Mar 29 j 11:14	12°♊28'17	
	-1469 May 22 j 01:28	0°♊		direct	-1468 Apr 03 j 00:43	11°♊41'08	
asc. node	-1469 May 28 j 04:22	11°♊54'44		morning max el	-1468 Apr 17 j 02:44	18°♊49'21	24°49'48
morning set	-1469 May 29 j 12:30	14°♊41'40			-1468 Apr 26 j 10:28	0°♊	
				morning set	-1468 May 13 j 00:36	29°♊42'09	
superior conj	-1469 Jun 05 j 15:32	29°♊54'35	1°18'34		-1468 May 13 j 03:59	0°♊	
minimum elong	-1469 Jun 05 j 12:59	29°♊40'54	1°18'14	asc. node	-1468 May 14 j 01:24	1°♊53'25	
	-1469 Jun 05 j 16:33	0°♊					
max. Earth dist.	-1469 Jun 08 j 03:07	5°♊10'21	1.33833 AU	superior conj	-1468 May 20 j 00:53	14°♊49'42	0°59'15
evening rise	-1469 Jun 13 j 06:59	15°♊44'03		minimum elong	-1468 May 19 j 22:37	14°♊37'25	0°58'51
	-1469 Jun 20 j 20:56	0°♊		max. Earth dist.	-1468 May 21 j 09:52	17°♊48'25	1.33004 AU
desc. node	-1469 Jul 07 j 20:27	26°♊16'09		evening rise	-1468 May 27 j 06:36	0°♊10'30	
	-1469 Jul 10 j 19:22	0°♊			-1468 May 27 j 04:33	0°♊	
evening max el	-1469 Jul 17 j 10:18	7°♊14'07	27°20'03		-1468 Jun 12 j 21:57	0°♊	
retrograde	-1469 Jul 30 j 22:30	14°♊34'58		desc. node	-1468 Jun 23 j 17:27	14°♊42'21	
evening set	-1469 Aug 07 j 00:49	11°♊50'17		evening max el	-1468 Jun 28 j 19:33	20°♊07'41	27°22'35
min. Earth dist.	-1469 Aug 10 j 17:38	8°♊23'47	0.64369 AU	retrograde	-1468 Jul 12 j 14:20	27°♊27'22	
inferior conj	-1469 Aug 13 j 01:42	5°♊52'49	-3°19'50	evening set	-1468 Jul 19 j 18:46	24°♊56'29	
minimum elong	-1469 Aug 13 j 06:02	5°♊41'07	3°18'35	min. Earth dist.	-1468 Jul 23 j 08:39	21°♊59'31	0.62688 AU
morning rise	-1469 Aug 19 j 12:01	0°♊26'23		inferior conj	-1468 Jul 26 j 05:46	19°♊13'13	-4°01'18
	-1469 Aug 20 j 18:01	30°♊		minimum elong	-1468 Jul 26 j 09:55	19°♊03'12	4°00'27
direct	-1469 Aug 22 j 04:18	29°♊49'23		morning rise	-1468 Aug 02 j 02:14	14°♊05'40	
	-1469 Aug 23 j 14:35	0°♊		direct	-1468 Aug 04 j 15:27	13°♊35'51	
asc. node	-1469 Aug 24 j 03:34	0°♊09'30		asc. node	-1468 Aug 10 j 00:38	15°♊50'26	
morning max el	-1469 Aug 28 j 16:38	3°♊17'11	18°01'34	morning max el	-1468 Aug 11 j 07:52	17°♊00'48	17°54'20
morning set	-1469 Sep 15 j 05:01	0°♊00'41			-1468 Aug 20 j 13:08	0°♊	
	-1469 Sep 15 j 04:52	0°♊		morning set	-1468 Aug 27 j 15:38	12°♊27'45	
					-1468 Sep 06 j 16:02	0°♊	
superior conj	-1469 Sep 28 j 11:42	22°♊04'17	0°34'23				
minimum elong	-1469 Sep 28 j 15:31	22°♊19'40	0°33'54	superior conj	-1468 Sep 08 j 00:45	2°♊18'52	1°11'38
	-1469 Oct 03 j 10:28	0°♊		minimum elong	-1468 Sep 08 j 06:02	2°♊41'10	1°11'03
max. Earth dist.	-1469 Oct 03 j 07:21	29°♊47'35	1.44432 AU	max. Earth dist.	-1468 Sep 14 j 22:10	13°♊43'41	1.43266 AU
desc. node	-1469 Oct 03 j 19:50	0°♊37'10		desc. node	-1468 Sep 19 j 16:51	21°♊22'47	

























































































































Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening rise	-1468 Sep 23 j 02:46	26° \mathbb{M} 44'01		minimum elong	-1467 Aug 20 j 20:30	14° \mathbb{Q} 10'15	1°34'57
	-1468 Sep 25 j 05:24	0° \mathbb{L}		max. Earth dist.	-1467 Aug 28 j 07:20	27° \mathbb{Q} 02'50	1.41589 AU
	-1468 Oct 15 j 17:40	0° \mathbb{M}			-1467 Aug 30 j 01:52	0° \mathbb{M}	
evening max el	-1468 Oct 23 j 12:07	9° \mathbb{M} 23'07	21°18'46	evening rise	-1467 Sep 02 j 20:53	6° \mathbb{M} 11'14	
retrograde	-1468 Nov 01 j 04:30	14° \mathbb{M} 32'26		desc. node	-1467 Sep 06 j 13:52	12° \mathbb{M} 04'28	
evening set	-1468 Nov 05 j 07:18	12° \mathbb{M} 57'22			-1467 Sep 18 j 11:27	0° \mathbb{L}	
asc. node	-1468 Nov 05 j 23:50	12° \mathbb{M} 22'40		evening max el	-1467 Oct 06 j 05:15	22° \mathbb{L} 50'44	22°35'47
inferior conj	-1468 Nov 10 j 16:04	6° \mathbb{M} 44'00	1°33'37	retrograde	-1467 Oct 15 j 23:36	28° \mathbb{L} 38'57	
minimum elong	-1468 Nov 10 j 14:04	6° \mathbb{M} 50'54	1°32'49	evening set	-1467 Oct 20 j 14:55	26° \mathbb{L} 45'50	
min. Earth dist.	-1468 Nov 10 j 23:51	6° \mathbb{M} 17'14	0.67363 AU	asc. node	-1467 Oct 23 j 20:53	23° \mathbb{L} 15'41	
morning rise	-1468 Nov 15 j 20:41	0° \mathbb{M} 30'11		inferior conj	-1467 Oct 25 j 22:55	20° \mathbb{L} 26'44	0°42'52
	-1468 Nov 16 j 11:24	30° \mathbb{R} \mathbb{L}		minimum elong	-1467 Oct 25 j 21:56	20° \mathbb{L} 30'09	0°42'27
direct	-1468 Nov 20 j 23:55	28° \mathbb{L} 17'58		min. Earth dist.	-1467 Oct 25 j 20:08	20° \mathbb{L} 36'22	0.67569 AU
	-1468 Nov 26 j 01:05	0° \mathbb{M}		morning rise	-1467 Oct 31 j 04:50	14° \mathbb{L} 14'43	
morning max el	-1468 Dec 01 j 11:32	4° \mathbb{M} 32'40	23°32'13	direct	-1467 Nov 04 j 17:08	12° \mathbb{L} 24'50	
desc. node	-1468 Dec 16 j 16:10	23° \mathbb{M} 40'40		morning max el	-1467 Nov 13 j 23:53	17° \mathbb{L} 54'17	22°05'56
	-1468 Dec 21 j 00:40	0° \mathbb{X}			-1467 Nov 23 j 22:20	0° \mathbb{M}	
morning set	-1467 Jan 05 j 15:55	24° \mathbb{X} 45'18		desc. node	-1467 Dec 03 j 13:13	13° \mathbb{M} 42'59	
	-1467 Jan 08 j 17:23	0° \mathbb{Z}			-1467 Dec 14 j 04:20	0° \mathbb{X}	
max. Earth dist.	-1467 Jan 09 j 18:47	1° \mathbb{Z} 50'50	1.39063 AU	morning set	-1467 Dec 16 j 19:58	4° \mathbb{X} 13'47	
				max. Earth dist.	-1467 Dec 22 j 16:56	13° \mathbb{X} 52'20	1.41140 AU
superior conj	-1467 Jan 17 j 06:39	15° \mathbb{Z} 25'52	-1°54'19	superior conj	-1467 Dec 30 j 10:35	27° \mathbb{X} 12'27	-1°59'28
minimum elong	-1467 Jan 17 j 09:09	15° \mathbb{Z} 37'31	1°54'13	minimum elong	-1467 Dec 30 j 10:13	27° \mathbb{X} 10'51	1°59'29
	-1467 Jan 24 j 21:15	0° \mathbb{W}			-1466 Jan 01 j 00:09	0° \mathbb{Z}	
evening rise	-1467 Jan 26 j 11:33	3° \mathbb{W} 05'55		evening rise	-1466 Jan 09 j 19:47	16° \mathbb{Z} 11'42	
asc. node	-1467 Feb 01 j 23:08	15° \mathbb{W} 18'34			-1466 Jan 17 j 10:17	0° \mathbb{W}	
evening max el	-1467 Feb 11 j 20:15	29° \mathbb{W} 27'19	18°41'29	asc. node	-1466 Jan 19 j 20:11	3° \mathbb{W} 59'11	
	-1467 Feb 12 j 10:18	0° \mathbb{X}		evening max el	-1466 Jan 26 j 03:33	12° \mathbb{W} 15'10	18°14'56
retrograde	-1467 Feb 19 j 18:47	3° \mathbb{X} 18'43		retrograde	-1466 Feb 02 j 04:35	15° \mathbb{W} 46'49	
evening set	-1467 Feb 22 j 04:30	2° \mathbb{X} 58'48		evening set	-1466 Feb 04 j 18:34	15° \mathbb{W} 19'18	
	-1467 Feb 27 j 22:03	30° \mathbb{R} \mathbb{W}		inferior conj	-1466 Feb 11 j 18:22	10° \mathbb{W} 34'20	3°45'07
inferior conj	-1467 Mar 01 j 20:26	28° \mathbb{W} 34'39	3°06'33	minimum elong	-1466 Feb 11 j 20:26	10° \mathbb{W} 29'46	3°44'54
minimum elong	-1467 Mar 02 j 00:39	28° \mathbb{W} 26'39	3°05'39	min. Earth dist.	-1466 Feb 15 j 02:47	7° \mathbb{W} 38'48	0.59918 AU
min. Earth dist.	-1467 Mar 05 j 04:50	26° \mathbb{W} 03'57	0.57895 AU	morning rise	-1466 Feb 18 j 20:19	4° \mathbb{W} 55'59	
morning rise	-1467 Mar 09 j 18:07	23° \mathbb{W} 18'43		direct	-1466 Feb 25 j 10:08	2° \mathbb{W} 56'36	
desc. node	-1467 Mar 14 j 15:19	21° \mathbb{W} 59'44		desc. node	-1466 Mar 01 j 12:22	3° \mathbb{W} 40'14	
direct	-1467 Mar 15 j 11:09	21° \mathbb{W} 58'02		morning max el	-1466 Mar 11 j 16:30	10° \mathbb{W} 40'27	27°18'38
morning max el	-1467 Mar 29 j 18:54	29° \mathbb{W} 29'14	26°17'26		-1466 Mar 26 j 16:46	0° \mathbb{X}	
	-1467 Mar 30 j 07:25	0° \mathbb{X}		morning set	-1466 Apr 11 j 20:43	29° \mathbb{X} 28'54	
	-1467 Apr 20 j 02:13	0° \mathbb{Y}			-1466 Apr 12 j 02:42	0° \mathbb{Y}	
morning set	-1467 Apr 27 j 11:54	14° \mathbb{Y} 39'58		asc. node	-1466 Apr 17 j 19:30	12° \mathbb{Y} 12'46	
asc. node	-1467 Apr 30 j 22:26	22° \mathbb{Y} 00'51					
superior conj	-1467 May 04 j 12:15	29° \mathbb{Y} 49'39	0°36'57	superior conj	-1466 Apr 18 j 23:57	14° \mathbb{Y} 48'30	0°12'31
minimum elong	-1467 May 04 j 10:41	29° \mathbb{Y} 41'07	0°36'38	minimum elong	-1466 Apr 18 j 23:24	14° \mathbb{Y} 45'26	0°12'24
	-1467 May 04 j 14:08	0° \mathbb{Z}		behind sun begin	-1466 Apr 18 j 20:16	14° \mathbb{Y} 28'16	
max. Earth dist.	-1467 May 04 j 21:36	0° \mathbb{Z} 40'56	1.32538 AU	behind sun end	-1466 Apr 19 j 02:32	15° \mathbb{Y} 02'35	
evening rise	-1467 May 11 j 12:26	14° \mathbb{Z} 54'31		max. Earth dist.	-1466 Apr 18 j 10:40	13° \mathbb{Y} 35'45	1.32428 AU
	-1467 May 19 j 04:48	0° \mathbb{I}		evening rise	-1466 Apr 25 j 22:08	29° \mathbb{Y} 48'16	
	-1467 Jun 08 j 15:34	0° \mathbb{E}			-1466 Apr 26 j 00:22	0° \mathbb{Z}	
desc. node	-1467 Jun 10 j 14:30	1° \mathbb{E} 59'40			-1466 May 12 j 14:24	0° \mathbb{I}	
evening max el	-1467 Jun 10 j 23:48	2° \mathbb{E} 22'02	26°52'16	evening max el	-1466 May 23 j 21:26	13° \mathbb{I} 51'55	25°50'41
retrograde	-1467 Jun 24 j 23:04	9° \mathbb{E} 39'43		desc. node	-1466 May 28 j 11:32	17° \mathbb{I} 39'43	
evening set	-1467 Jul 01 j 19:13	7° \mathbb{E} 36'21		retrograde	-1466 Jun 06 j 23:08	21° \mathbb{I} 05'39	
min. Earth dist.	-1467 Jul 05 j 13:23	4° \mathbb{E} 56'00	0.60726 AU	evening set	-1466 Jun 12 j 22:06	19° \mathbb{I} 40'08	
inferior conj	-1467 Jul 08 j 20:12	2° \mathbb{E} 09'43	-4°29'05	min. Earth dist.	-1466 Jun 17 j 09:53	16° \mathbb{I} 58'35	0.58671 AU
minimum elong	-1467 Jul 08 j 22:38	2° \mathbb{E} 04'34	4°28'50	inferior conj	-1466 Jun 20 j 17:23	14° \mathbb{I} 33'01	-4°34'12
	-1467 Jul 11 j 12:12	30° \mathbb{R} \mathbb{I}		minimum elong	-1466 Jun 20 j 16:16	14° \mathbb{I} 35'05	4°34'09
morning rise	-1467 Jul 16 j 03:50	27° \mathbb{I} 23'51		morning rise	-1466 Jun 28 j 12:59	10° \mathbb{I} 09'23	
direct	-1467 Jul 18 j 15:58	26° \mathbb{I} 59'15		direct	-1466 Jul 01 j 01:21	9° \mathbb{I} 48'41	
	-1467 Jul 25 j 07:16	0° \mathbb{E}		morning max el	-1466 Jul 09 j 03:43	13° \mathbb{I} 38'50	18°37'48
morning max el	-1467 Jul 25 j 20:34	0° \mathbb{E} 30'55	18°06'05	asc. node	-1466 Jul 14 j 18:44	20° \mathbb{I} 34'35	
asc. node	-1467 Jul 27 j 21:41	2° \mathbb{E} 43'50			-1466 Jul 20 j 09:24	0° \mathbb{E}	
morning set	-1467 Aug 10 j 19:08	25° \mathbb{E} 43'30		morning set	-1466 Jul 25 j 10:49	9° \mathbb{E} 35'26	
	-1467 Aug 13 j 02:12	0° \mathbb{Q}					
superior conj	-1467 Aug 20 j 16:46	13° \mathbb{Q} 53'39	1°35'14	superior conj	-1466 Aug 03 j 06:47	26° \mathbb{E} 34'22	1°46'21
				minimum elong	-1466 Aug 03 j 08:09	26° \mathbb{E} 40'46	1°46'20

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1466 Aug 05 j 02:59	0°♊				-1465 Jun 25 j 12:48	0°♊		
max. Earth dist.	-1466 Aug 10 j 11:02	9°♊36'45	1.39635 AU	asc. node		-1465 Jul 01 j 15:49	9°♊09'47		
evening rise	-1466 Aug 14 j 14:43	16°♊45'47		morning set		-1465 Jul 09 j 11:08	23°♊54'46		
	-1466 Aug 22 j 18:09	0°♊				-1465 Jul 12 j 11:48	0°♊		
desc. node	-1466 Aug 24 j 10:53	2°♊38'20							
	-1466 Sep 13 j 01:16	0°♊		superior conj		-1465 Jul 17 j 13:09	10°♊05'12	1°47'24	
evening max el	-1466 Sep 18 j 18:15	6°♊20'49	23°56'13	minimum elong		-1465 Jul 17 j 12:30	10°♊02'04	1°47'25	
retrograde	-1466 Sep 29 j 15:27	12°♊45'22		max. Earth dist.		-1465 Jul 23 j 13:43	21°♊36'08	1.37667 AU	
evening set	-1466 Oct 04 j 20:50	10°♊33'47		evening rise		-1465 Jul 27 j 09:32	28°♊32'56		
min. Earth dist.	-1466 Oct 09 j 16:29	4°♊57'07	0.67467 AU			-1465 Jul 28 j 05:13	0°♊		
inferior conj	-1466 Oct 10 j 05:31	4°♊12'49	-0°10'43	desc. node		-1465 Aug 11 j 07:54	22°♊59'42		
minimum elong	-1466 Oct 10 j 05:47	4°♊11'57	0°10'37			-1465 Aug 16 j 02:50	0°♊		
transit middle	-1466 Oct 10 j 05:47	4°♊11'57	0°10'37	evening max el		-1465 Sep 01 j 05:40	19°♊55'09	25°13'05	
transit begin	-1466 Oct 10 j 03:43	4°♊18'59		retrograde		-1465 Sep 13 j 03:03	26°♊47'55		
transit end	-1466 Oct 10 j 07:51	4°♊04'56		evening set		-1465 Sep 18 j 23:15	24°♊19'20		
asc. node	-1466 Oct 10 j 17:56	3°♊30'45		min. Earth dist.		-1465 Sep 23 j 10:26	19°♊17'54	0.67050 AU	
	-1466 Oct 13 j 13:25	30°♊		inferior conj		-1465 Sep 24 j 10:08	18°♊00'25	-1°05'35	
morning rise	-1466 Oct 15 j 14:41	28°♊05'14		minimum elong		-1465 Sep 24 j 11:45	17°♊55'09	1°04'55	
direct	-1466 Oct 19 j 13:30	26°♊36'42		asc. node		-1465 Sep 27 j 14:59	14°♊06'08		
	-1466 Oct 26 j 07:23	0°♊		morning rise		-1465 Sep 30 j 00:20	12°♊00'17		
morning max el	-1466 Oct 27 j 18:31	1°♊24'09	20°47'05	direct		-1465 Oct 03 j 11:40	10°♊50'28		
	-1466 Nov 17 j 18:16	0°♊		morning max el		-1465 Oct 10 j 20:39	15°♊03'44	19°40'37	
desc. node	-1466 Nov 20 j 10:15	4°♊02'43				-1465 Oct 22 j 05:31	0°♊		
morning set	-1466 Nov 25 j 23:11	12°♊34'58		morning set		-1465 Nov 04 j 21:19	20°♊50'02		
max. Earth dist.	-1466 Dec 04 j 21:54	26°♊47'06	1.42961 AU	desc. node		-1465 Nov 07 j 07:17	24°♊35'02		
	-1466 Dec 06 j 21:16	0°♊				-1465 Nov 10 j 18:38	0°♊		
				max. Earth dist.		-1465 Nov 17 j 10:23	10°♊29'07	1.44276 AU	
superior conj	-1466 Dec 11 j 14:18	7°♊48'47	-1°50'42						
minimum elong	-1466 Dec 11 j 09:34	7°♊28'55	1°50'26	superior conj		-1465 Nov 21 j 15:00	17°♊11'00	-1°24'27	
evening rise	-1466 Dec 23 j 13:09	28°♊32'41		minimum elong		-1465 Nov 21 j 07:11	16°♊39'36	1°23'42	
	-1466 Dec 24 j 08:49	0°♊				-1465 Nov 29 j 11:29	0°♊		
asc. node	-1465 Jan 06 j 17:14	21°♊58'59		evening rise		-1465 Dec 05 j 11:19	10°♊01'32		
evening max el	-1465 Jan 09 j 14:54	25°♊21'33	18°08'02			-1465 Dec 17 j 13:17	0°♊		
retrograde	-1465 Jan 16 j 05:05	28°♊47'32		evening max el		-1465 Dec 24 j 03:30	8°♊39'54	18°20'05	
evening set	-1465 Jan 18 j 23:03	28°♊11'18		asc. node		-1465 Dec 24 j 14:16	9°♊06'30		
inferior conj	-1465 Jan 25 j 10:01	23°♊05'20	3°55'09	retrograde		-1465 Dec 30 j 15:59	12°♊12'30		
minimum elong	-1465 Jan 25 j 09:43	23°♊06'06	3°55'08	evening set		-1464 Jan 02 j 14:21	11°♊26'26		
min. Earth dist.	-1465 Jan 28 j 08:18	20°♊09'34	0.61964 AU	inferior conj		-1464 Jan 08 j 15:36	6°♊00'42	3°44'33	
morning rise	-1465 Jan 31 j 19:14	17°♊12'50		minimum elong		-1464 Jan 08 j 13:37	6°♊06'16	3°44'17	
direct	-1465 Feb 07 j 19:07	14°♊41'34		min. Earth dist.		-1464 Jan 10 j 23:14	3°♊24'47	0.63792 AU	
desc. node	-1465 Feb 16 j 09:26	17°♊54'00				-1464 Jan 14 j 11:49	30°♊		
morning max el	-1465 Feb 21 j 20:00	22°♊30'45	27°44'54	morning rise		-1464 Jan 14 j 12:18	29°♊59'01		
	-1465 Feb 28 j 11:28	0°♊		direct		-1464 Jan 21 j 11:50	27°♊10'09		
	-1465 Mar 19 j 19:25	0°♊				-1464 Jan 29 j 06:33	0°♊		
morning set	-1465 Mar 27 j 00:58	14°♊00'53		desc. node		-1464 Feb 03 j 06:30	4°♊06'00		
max. Earth dist.	-1465 Apr 01 j 21:05	26°♊18'05	1.32678 AU	morning max el		-1464 Feb 04 j 03:48	4°♊57'52	27°34'37	
						-1464 Feb 23 j 03:32	0°♊		
superior conj	-1465 Apr 03 j 10:17	29°♊39'33	-0°13'18	morning set		-1464 Mar 09 j 22:10	28°♊07'40		
minimum elong	-1465 Apr 03 j 10:54	29°♊42'54	0°13'09			-1464 Mar 10 j 20:41	0°♊		
behind sun begin	-1465 Apr 03 j 08:02	29°♊27'16		max. Earth dist.		-1464 Mar 15 j 01:06	8°♊35'44	1.33327 AU	
behind sun end	-1465 Apr 03 j 13:47	29°♊58'32							
	-1465 Apr 03 j 14:03	0°♊		superior conj		-1464 Mar 17 j 17:27	14°♊16'38	-0°39'30	
asc. node	-1465 Apr 04 j 16:34	2°♊24'18		minimum elong		-1464 Mar 17 j 19:18	14°♊26'29	0°39'07	
evening rise	-1465 Apr 10 j 09:39	14°♊43'53		asc. node		-1464 Mar 21 j 13:37	22°♊31'17		
	-1465 Apr 18 j 02:07	0°♊		evening rise		-1464 Mar 24 j 21:12	29°♊34'59		
evening max el	-1465 May 05 j 13:42	24°♊44'43	24°25'54			-1464 Mar 25 j 01:58	0°♊		
	-1465 May 12 j 15:45	0°♊				-1464 Apr 11 j 09:49	0°♊		
desc. node	-1465 May 15 j 08:34	1°♊06'52		evening max el		-1464 Apr 16 j 05:23	5°♊22'05	22°51'12	
retrograde	-1465 May 19 j 11:56	1°♊46'10		retrograde		-1464 Apr 29 j 11:37	11°♊55'02		
evening set	-1465 May 24 j 02:58	0°♊58'08		desc. node		-1464 May 01 j 05:36	11°♊48'14		
	-1465 May 26 j 11:21	30°♊		evening set		-1464 May 02 j 18:04	11°♊31'40		
min. Earth dist.	-1465 May 30 j 01:23	27°♊59'32	0.56818 AU	min. Earth dist.		-1464 May 10 j 14:39	8°♊04'28	0.55515 AU	
inferior conj	-1465 Jun 01 j 18:42	26°♊15'19	-4°04'59	inferior conj		-1464 May 12 j 01:01	7°♊15'00	-2°52'27	
minimum elong	-1465 Jun 01 j 13:24	26°♊23'50	4°04'04	minimum elong		-1464 May 11 j 18:22	7°♊24'36	2°50'31	
morning rise	-1465 Jun 10 j 02:47	22°♊10'33		morning rise		-1464 May 20 j 20:55	3°♊19'57		
direct	-1465 Jun 12 j 16:18	21°♊52'36		direct		-1464 May 23 j 13:28	3°♊02'55		
morning max el	-1465 Jun 22 j 02:24	26°♊15'05	19°30'14	morning max el		-1464 Jun 03 j 14:27	8°♊10'59	20°43'07	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

asc. node	-1464 Jun 17 j 12:53	28°  18'22		asc. node	-1463 Jun 04 j 09:56	17°  51'56	
	-1464 Jun 18 j 10:15	0°  II		morning set	-1463 Jun 07 j 03:14	23°  25'58	
morning set	-1464 Jun 22 j 17:19	8°  II33'40			-1463 Jun 10 j 06:04	0°  II	
superior conj	-1464 Jun 30 j 07:07	24°  II12'16	1°40'41	superior conj	-1463 Jun 14 j 09:09	8°  II45'11	1°28'01
minimum elong	-1464 Jun 30 j 05:11	24°  II02'26	1°40'35	minimum elong	-1463 Jun 14 j 06:39	8°  II31'59	1°27'45
	-1464 Jul 03 j 03:59	0°  ☿		max. Earth dist.	-1463 Jun 17 j 14:20	15°  II27'02	1.34475 AU
max. Earth dist.	-1464 Jul 04 j 21:32	3°  ☿25'18	1.35904 AU	evening rise	-1463 Jun 22 j 08:30	24°  II58'21	
evening rise	-1464 Jul 09 j 01:08	11°  ☿21'36			-1463 Jun 24 j 23:37	0°  ☿	
	-1464 Jul 19 j 17:30	0°  ♊			-1463 Jul 13 j 04:49	0°  ♊	
desc. node	-1464 Jul 28 j 04:54	13°  ♊02'01		desc. node	-1463 Jul 15 j 01:54	2°  ♊37'06	
	-1464 Aug 10 j 08:22	0°  ♊		evening max el	-1463 Jul 27 j 04:49	16°  ♊57'36	27°04'46
evening max el	-1464 Aug 13 j 17:09	3°  ♊29'59	26°18'33	retrograde	-1463 Aug 09 j 11:05	24°  ♊17'00	
retrograde	-1464 Aug 26 j 09:42	10°  ♊40'36		evening set	-1463 Aug 16 j 09:11	21°  ♊30'01	
evening set	-1464 Sep 01 j 20:10	7°  ♊59'02		min. Earth dist.	-1463 Aug 20 j 05:16	17°  ♊43'37	0.65187 AU
min. Earth dist.	-1464 Sep 05 j 23:27	3°  ♊35'01	0.66300 AU	inferior conj	-1463 Aug 22 j 05:40	15°  ♊25'59	-2°52'07
inferior conj	-1464 Sep 07 j 10:53	1°  ♊45'53	-2°00'06	minimum elong	-1463 Aug 22 j 09:40	15°  ♊14'37	2°50'48
minimum elong	-1464 Sep 07 j 13:49	1°  ♊36'51	1°58'58	morning rise	-1463 Aug 28 j 10:43	9°  ♊50'27	
	-1464 Sep 08 j 21:54	30°  ♋♊		direct	-1463 Aug 31 j 05:54	9°  ♊08'05	
morning rise	-1464 Sep 13 j 07:45	25°  ♋56'27		asc. node	-1463 Aug 31 j 09:06	9°  ♋08'11	
asc. node	-1464 Sep 13 j 12:02	25°  ♋50'22		morning max el	-1463 Sep 06 j 18:58	12°  ♋40'50	18°13'56
direct	-1464 Sep 16 j 09:51	25°  ♋02'03			-1463 Sep 18 j 22:34	0°  ♋	
morning max el	-1464 Sep 23 j 05:29	28°  ♋50'32	18°49'05	morning set	-1463 Sep 25 j 09:43	10°  ♋39'52	
	-1464 Sep 24 j 07:32	0°  ♋			-1463 Oct 07 j 06:51	0°  ♋	
morning set	-1464 Oct 14 j 13:31	0°  ♋03'37					
	-1464 Oct 14 j 12:37	0°  ♋		superior conj	-1463 Oct 09 j 20:50	4°  ♋06'58	0°07'43
desc. node	-1464 Oct 24 j 04:17	15°  ♋15'08		minimum elong	-1463 Oct 09 j 21:48	4°  ♋10'51	0°07'36
max. Earth dist.	-1464 Oct 30 j 03:55	24°  ♋40'08	1.44915 AU	behind sun begin	-1463 Oct 09 j 12:00	3°  ♋31'53	
				behind sun end	-1463 Oct 10 j 07:37	4°  ♋49'46	
superior conj	-1464 Oct 30 j 18:40	25°  ♋38'14	-0°41'53	desc. node	-1463 Oct 11 j 01:17	5°  ♋59'47	
minimum elong	-1464 Oct 30 j 13:18	25°  ♋17'04	0°41'13	max. Earth dist.	-1463 Oct 12 j 22:35	8°  ♋58'50	1.44816 AU
	-1464 Nov 02 j 13:06	0°  ♋		evening rise	-1463 Oct 26 j 09:37	0°  ♋02'17	
evening rise	-1464 Nov 15 j 10:18	20°  ♋31'03			-1463 Oct 26 j 09:02	0°  ♋	
	-1464 Nov 21 j 07:34	0°  ♋		greatest brilliancy	-1463 Nov 07 j 11:42	18°  ♋41'54	-0.7m
evening max el	-1464 Dec 06 j 14:42	22°  ♋04'23	18°50'13		-1463 Nov 15 j 07:44	0°  ♋	
asc. node	-1464 Dec 10 j 11:17	25°  ♋07'28		evening max el	-1463 Nov 19 j 22:12	5°  ♋30'59	19°37'00
retrograde	-1464 Dec 13 j 09:27	25°  ♋54'05		retrograde	-1463 Nov 27 j 06:14	9°  ♋46'44	
evening set	-1464 Dec 16 j 13:19	24°  ♋56'52		asc. node	-1463 Nov 27 j 08:19	9°  ♋46'41	
inferior conj	-1464 Dec 22 j 07:24	19°  ♋13'43	3°19'26	evening set	-1463 Nov 30 j 17:18	8°  ♋36'35	
minimum elong	-1464 Dec 22 j 04:37	19°  ♋22'19	3°18'48	inferior conj	-1463 Dec 06 j 06:23	2°  ♋39'02	2°43'56
min. Earth dist.	-1464 Dec 23 j 23:51	17°  ♋09'46	0.65266 AU	minimum elong	-1463 Dec 06 j 03:29	2°  ♋48'31	2°43'03
morning rise	-1464 Dec 27 j 19:36	13°  ♋05'41		min. Earth dist.	-1463 Dec 07 j 08:56	1°  ♋12'15	0.66361 AU
direct	-1463 Jan 03 j 11:05	10°  ♋14'17			-1463 Dec 08 j 07:33	30°  ♋♋	
morning max el	-1463 Jan 16 j 13:29	17°  ♋52'09	26°52'01	morning rise	-1463 Dec 11 j 13:27	26°  ♋26'52	
desc. node	-1463 Jan 20 j 03:34	21°  ♋43'07		direct	-1463 Dec 17 j 16:16	23°  ♋44'52	
	-1463 Jan 26 j 19:08	0°  ♋			-1463 Dec 28 j 21:59	0°  ♋	
	-1463 Feb 15 j 01:13	0°  ♋		morning max el	-1463 Dec 29 j 22:47	1°  ♋00'50	25°44'42
morning set	-1463 Feb 21 j 09:04	11°  ♋39'22		desc. node	-1462 Jan 07 j 00:35	10°  ♋20'01	
max. Earth dist.	-1463 Feb 25 j 19:12	20°  ♋20'37	1.34411 AU		-1462 Jan 20 j 19:33	0°  ♋	
superior conj	-1463 Mar 01 j 19:25	28°  ♋33'33	-1°04'57	morning set	-1462 Feb 04 j 05:12	24°  ♋22'10	
minimum elong	-1463 Mar 01 j 22:21	28°  ♋48'46	1°04'27		-1462 Feb 07 j 05:44	0°  ♋	
	-1463 Mar 02 j 12:00	0°  ♋		max. Earth dist.	-1462 Feb 08 j 01:27	1°  ♋33'48	1.35944 AU
asc. node	-1463 Mar 08 j 10:38	12°  ♋29'43		superior conj	-1462 Feb 13 j 13:32	12°  ♋21'46	-1°28'05
evening rise	-1463 Mar 09 j 06:59	14°  ♋15'38		minimum elong	-1462 Feb 13 j 17:06	12°  ♋39'39	1°27'38
	-1463 Mar 17 j 09:06	0°  ♋		evening rise	-1462 Feb 21 j 12:57	28°  ♋38'35	
evening max el	-1463 Mar 29 j 03:06	16°  ♋12'51	21°20'38		-1462 Feb 22 j 05:00	0°  ♋	
retrograde	-1463 Apr 10 j 02:05	22°  ♋00'09		asc. node	-1462 Feb 23 j 07:40	2°  ♋14'18	
evening set	-1463 Apr 12 j 11:49	21°  ♋46'52		evening max el	-1462 Mar 11 j 11:10	27°  ♋36'09	20°03'59
desc. node	-1463 Apr 18 j 02:40	19°  ♋47'30			-1462 Mar 14 j 09:02	0°  ♋	
inferior conj	-1463 Apr 21 j 20:17	17°  ♋46'46	-1°03'19	retrograde	-1462 Mar 21 j 17:46	2°  ♋30'50	
minimum elong	-1463 Apr 21 j 17:18	17°  ♋50'58	1°02'16	evening set	-1462 Mar 23 j 21:49	2°  ♋18'39	
min. Earth dist.	-1463 Apr 22 j 03:49	17°  ♋36'10	0.55047 AU		-1462 Mar 29 j 20:56	30°  ♋♋	
morning rise	-1463 Apr 30 j 23:05	13° ♋44'51		inferior conj	-1462 Apr 01 j 18:21	28° ♋18'53	0°54'02
direct	-1463 May 04 j 00:35	13° ♋24'26		minimum elong	-1462 Apr 01 j 20:41	28° ♋15'22	0°53'14
morning max el	-1463 May 16 j 15:46	19° ♋25'13	22°13'19	min. Earth dist.	-1462 Apr 03 j 17:57	27° ♋07'08	0.55533 AU
	-1463 May 25 j 07:51	0° ♋		desc. node	-1462 Apr 04 j 23:43	26° ♋23'52	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning rise	-1462 Apr 10 j 17:32	23° K 51'36		desc. node	-1461 Mar 22 j 20:47	3° K 54'20	
direct	-1462 Apr 14 j 15:02	23° K 18'16		direct	-1461 Mar 26 j 18:11	3° K 18'26	
	-1462 Apr 28 j 06:15	0° Y		morning max el	-1461 Apr 09 j 23:58	10° K 38'58	25°29'25
morning max el	-1462 Apr 28 j 09:09	0° Y 06'50	23°53'04		-1461 Apr 24 j 17:16	0° Y	
	-1462 May 18 j 11:59	0° B		morning set	-1461 May 07 j 02:54	23° Y 24'09	
asc. node	-1462 May 22 j 06:59	7° B 42'45		asc. node	-1461 May 09 j 04:02	27° Y 45'27	
morning set	-1462 May 22 j 14:59	8° B 24'38			-1461 May 10 j 04:59	0° B	
superior conj	-1462 May 29 j 16:28	23° B 34'05	1°10'48	superior conj	-1461 May 14 j 02:54	8° B 31'49	0°50'06
minimum elong	-1462 May 29 j 13:59	23° B 20'40	1°10'25	minimum elong	-1461 May 14 j 00:53	8° B 20'52	0°49'43
max. Earth dist.	-1462 May 31 j 16:19	27° B 50'24	1.33427 AU	max. Earth dist.	-1461 May 15 j 01:23	10° B 34'23	1.32760 AU
	-1462 Jun 01 j 16:45	0° II		evening rise	-1461 May 21 j 05:46	23° B 44'02	
evening rise	-1462 Jun 06 j 03:11	9° II 09'21			-1461 May 24 j 08:20	0° II	
	-1462 Jun 17 j 09:17	0° E			-1461 Jun 11 j 04:13	0° E	
desc. node	-1462 Jul 01 j 22:56	21° E 32'48		desc. node	-1461 Jun 18 j 20:00	9° E 32'26	
evening max el	-1462 Jul 09 j 15:24	0° O 06'23	27°24'56	evening max el	-1461 Jun 21 j 22:49	12° E 44'08	27°13'48
	-1462 Jul 09 j 12:44	0° O		retrograde	-1461 Jul 05 j 20:09	20° E 03'36	
retrograde	-1462 Jul 23 j 06:55	7° O 27'54		evening set	-1461 Jul 12 j 22:15	17° E 42'56	
evening set	-1462 Jul 30 j 11:12	4° O 47'03		min. Earth dist.	-1461 Jul 16 j 12:45	14° E 54'45	0.61870 AU
min. Earth dist.	-1462 Aug 03 j 02:01	1° O 34'31	0.63694 AU	inferior conj	-1461 Jul 19 j 14:38	12° E 06'08	-4°15'17
	-1462 Aug 04 j 14:58	30° R E		minimum elong	-1461 Jul 19 j 18:16	11° E 57'48	4°14'42
inferior conj	-1462 Aug 05 j 15:57	28° E 55'09	-3°38'42	morning rise	-1461 Jul 26 j 15:44	7° E 07'29	
minimum elong	-1462 Aug 05 j 20:21	28° E 43'47	3°37'34	direct	-1461 Jul 29 j 04:07	6° E 40'13	
morning rise	-1462 Aug 12 j 06:29	23° E 36'41		morning max el	-1461 Aug 05 j 00:53	10° E 07'14	17°56'58
direct	-1462 Aug 14 j 21:07	23° E 03'11		asc. node	-1461 Aug 05 j 03:14	10° E 13'01	
asc. node	-1462 Aug 18 j 06:10	23° E 59'48			-1461 Aug 18 j 03:40	0° O	
morning max el	-1462 Aug 21 j 10:24	26° E 28'47	17°56'16	morning set	-1461 Aug 21 j 02:26	5° O 20'26	
	-1462 Aug 24 j 11:04	0° O					
morning set	-1462 Sep 07 j 07:59	22° O 31'09		superior conj	-1461 Aug 31 j 19:11	24° O 24'58	1°23'18
	-1462 Sep 11 j 16:05	0° P		minimum elong	-1461 Sep 01 j 00:02	24° O 45'54	1°22'50
superior conj	-1462 Sep 19 j 18:19	13° P 35'31	0°51'47		-1461 Sep 04 j 01:36	0° P	
minimum elong	-1462 Sep 19 j 23:16	13° P 55'51	0°51'10	max. Earth dist.	-1461 Sep 08 j 03:18	6° P 46'58	1.42598 AU
max. Earth dist.	-1462 Sep 25 j 15:08	23° P 06'35	1.44006 AU	desc. node	-1461 Sep 14 j 19:19	17° P 30'36	
desc. node	-1462 Sep 27 j 22:17	26° P 46'08		evening rise	-1461 Sep 15 j 02:17	17° P 58'03	
	-1462 Sep 29 j 23:25	0° A			-1461 Sep 22 j 21:43	0° A	
evening rise	-1462 Oct 05 j 17:12	8° A 56'25			-1461 Oct 14 j 14:46	0° M	
	-1462 Oct 19 j 15:48	0° M		evening max el	-1461 Oct 16 j 20:54	2° M 26'09	21°50'48
evening max el	-1462 Nov 03 j 00:29	18° M 58'28	20°38'15	retrograde	-1461 Oct 26 j 00:08	7° M 51'56	
retrograde	-1462 Nov 11 j 03:47	23° M 47'03		evening set	-1461 Oct 30 j 07:57	6° M 09'35	
asc. node	-1462 Nov 14 j 05:22	22° M 53'13		asc. node	-1461 Nov 01 j 02:26	4° M 28'34	
evening set	-1462 Nov 15 j 00:08	22° M 21'53		inferior conj	-1461 Nov 04 j 16:14	29° A 53'30	1°12'33
inferior conj	-1462 Nov 20 j 10:02	16° M 13'21	2°00'57	minimum elong	-1461 Nov 04 j 14:38	29° A 59'04	1°11'53
minimum elong	-1462 Nov 20 j 07:35	16° M 21'41	2°00'04		-1461 Nov 04 j 14:22	30° R A	
min. Earth dist.	-1462 Nov 21 j 00:20	15° M 24'41	0.67093 AU	min. Earth dist.	-1461 Nov 04 j 19:32	29° A 42'09	0.67491 AU
morning rise	-1462 Nov 25 j 14:49	9° M 59'16		morning rise	-1461 Nov 09 j 21:08	23° A 40'01	
direct	-1462 Dec 01 j 02:51	7° M 34'43		direct	-1461 Nov 14 j 17:59	21° A 36'58	
morning max el	-1462 Dec 12 j 07:17	14° M 15'06	24°22'20	morning max el	-1461 Nov 24 j 17:02	27° A 32'30	22°54'54
	-1462 Dec 24 j 21:37	29° M 39'19			-1461 Nov 27 j 00:15	0° M	
desc. node	-1462 Dec 25 j 03:37	0° J		desc. node	-1461 Dec 11 j 18:38	19° M 28'26	
	-1461 Jan 13 j 16:43	0° Z			-1461 Dec 18 j 20:05	0° J	
morning set	-1461 Jan 17 j 04:49	6° Z 00'10		morning set	-1461 Dec 29 j 01:40	16° J 16'53	
max. Earth dist.	-1461 Jan 20 j 22:25	12° Z 37'34	1.37859 AU	max. Earth dist.	-1460 Jan 02 j 17:45	24° J 09'03	1.39966 AU
					-1460 Jan 06 j 02:23	0° Z	
superior conj	-1461 Jan 27 j 20:29	25° Z 32'30	-1°46'44	superior conj	-1460 Jan 10 j 11:48	7° Z 53'40	-1°57'56
minimum elong	-1461 Jan 27 j 23:46	25° Z 48'19	1°46'30	minimum elong	-1460 Jan 10 j 13:19	8° Z 00'37	1°57'55
	-1461 Jan 30 j 03:38	0° A		evening rise	-1460 Jan 20 j 03:40	26° Z 04'18	
evening rise	-1461 Feb 05 j 12:49	12° A 37'21			-1460 Jan 22 j 05:16	0° A	
asc. node	-1461 Feb 10 j 04:42	21° A 39'41		asc. node	-1460 Jan 28 j 01:45	10° A 38'44	
	-1461 Feb 14 j 22:12	0° K		evening max el	-1460 Feb 05 j 09:48	22° A 10'43	18°27'45
evening max el	-1461 Feb 22 j 06:08	9° K 37'27	19°05'53	retrograde	-1460 Feb 12 j 21:32	25° A 51'20	
retrograde	-1461 Mar 02 j 22:17	13° K 47'10		evening set	-1460 Feb 15 j 09:17	25° A 28'14	
evening set	-1461 Mar 05 j 05:21	13° K 30'57		inferior conj	-1460 Feb 22 j 17:59	20° A 55'32	3°26'54
inferior conj	-1461 Mar 13 j 07:50	9° K 18'13	2°28'25	minimum elong	-1460 Feb 22 j 21:26	20° A 48'34	3°26'20
minimum elong	-1461 Mar 13 j 12:26	9° K 10'15	2°27'10	min. Earth dist.	-1460 Feb 26 j 04:10	18° A 11'15	0.58742 AU
min. Earth dist.	-1461 Mar 16 j 09:36	7° K 11'38	0.56866 AU	morning rise	-1460 Mar 01 j 07:09	15° A 29'15	
morning rise	-1461 Mar 21 j 16:36	4° K 18'47		direct	-1460 Mar 07 j 10:31	13° A 51'44	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

desc. node	-1460 Mar 08 j 17:49	13° \approx 56'06		direct	-1459 Feb 17 j 13:44	25° \approx 10'24	
morning max el	-1460 Mar 21 j 17:50	21° \approx 28'58	26°47'19	desc. node	-1459 Feb 23 j 14:52	26° \approx 45'48	
	-1460 Mar 29 j 04:21	0° \approx			-1459 Feb 28 j 11:38	0° \approx	
	-1460 Apr 16 j 11:07	0° \approx		morning max el	-1459 Mar 03 j 17:58	2° \approx 56'18	27°34'24
morning set	-1460 Apr 20 j 13:22	8° \approx 18'49			-1459 Mar 23 j 14:34	0° \approx	
asc. node	-1460 Apr 25 j 01:06	17° \approx 55'24		morning set	-1459 Apr 04 j 20:30	23° \approx 01'31	
					-1459 Apr 08 j 04:07	0° \approx	
superior conj	-1460 Apr 27 j 14:37	23° \approx 32'06	0°26'47	max. Earth dist.	-1459 Apr 11 j 02:45	6° \approx 21'49	1.32492 AU
minimum elong	-1460 Apr 27 j 13:27	23° \approx 25'43	0°26'33	asc. node	-1459 Apr 11 j 22:08	8° \approx 07'37	
max. Earth dist.	-1460 Apr 27 j 14:09	23° \approx 29'30	1.32449 AU				
	-1460 Apr 30 j 13:32	0° \approx		superior conj	-1459 Apr 12 j 01:55	8° \approx 28'18	0°01'41
evening rise	-1460 May 04 j 13:32	8° \approx 33'28		minimum elong	-1459 Apr 12 j 01:50	8° \approx 27'51	0°01'40
	-1460 May 15 j 18:43	0° \approx		behind sun begin	-1459 Apr 11 j 20:49	8° \approx 00'23	
evening max el	-1460 Jun 03 j 00:37	24° \approx 40'53	26°29'43	behind sun end	-1459 Apr 12 j 06:52	8° \approx 55'20	
desc. node	-1460 Jun 04 j 17:02	26° \approx 12'46		evening rise	-1459 Apr 19 j 00:14	23° \approx 29'05	
	-1460 Jun 10 j 01:39	0° \approx			-1459 Apr 22 j 03:55	0° \approx	
retrograde	-1460 Jun 17 j 01:17	1° \approx 56'39			-1459 May 10 j 11:00	0° \approx	
evening set	-1460 Jun 23 j 13:56	0° \approx 09'00		evening max el	-1459 May 15 j 19:39	5° \approx 53'19	25°16'45
	-1460 Jun 23 j 20:30	30° \approx 12'11		desc. node	-1459 May 22 j 14:05	11° \approx 01'19	
min. Earth dist.	-1460 Jun 27 j 13:52	27° \approx 30'09	0.59844 AU	retrograde	-1459 May 29 j 20:29	13° \approx 02'48	
inferior conj	-1460 Jun 30 j 22:13	24° \approx 50'21	-4°34'44	evening set	-1459 Jun 04 j 07:04	11° \approx 53'57	
minimum elong	-1460 Jun 30 j 23:21	24° \approx 48'06	4°34'40	min. Earth dist.	-1459 Jun 09 j 07:29	9° \approx 07'06	0.57839 AU
morning rise	-1460 Jul 08 j 10:48	20° \approx 13'41		inferior conj	-1459 Jun 12 j 11:08	6° \approx 57'00	-4°26'43
direct	-1460 Jul 10 j 22:57	19° \approx 50'47		minimum elong	-1459 Jun 12 j 08:10	7° \approx 02'10	4°26'26
morning max el	-1460 Jul 18 j 11:32	23° \approx 28'57	18°17'04	morning rise	-1459 Jun 20 j 12:01	2° \approx 42'12	
asc. node	-1460 Jul 22 j 00:19	27° \approx 32'46		direct	-1459 Jun 23 j 01:00	2° \approx 22'39	
	-1460 Jul 23 j 18:04	0° \approx		morning max el	-1459 Jul 01 j 15:22	6° \approx 24'23	18°57'36
morning set	-1460 Aug 03 j 11:41	18° \approx 53'32		asc. node	-1459 Jul 08 j 21:23	15° \approx 43'52	
	-1460 Aug 09 j 08:47	0° \approx			-1459 Jul 16 j 18:58	0° \approx	
				morning set	-1459 Jul 18 j 07:25	2° \approx 58'18	
superior conj	-1460 Aug 12 j 21:17	6° \approx 29'51	1°41'20				
minimum elong	-1460 Aug 13 j 00:01	6° \approx 42'18	1°41'12	superior conj	-1459 Jul 26 j 18:53	19° \approx 33'48	1°47'53
max. Earth dist.	-1460 Aug 20 j 10:15	19° \approx 48'40	1.40778 AU	minimum elong	-1459 Jul 26 j 19:19	19° \approx 35'53	1°47'54
evening rise	-1460 Aug 25 j 05:50	27° \approx 52'25			-1459 Aug 01 j 09:02	0° \approx	
	-1460 Aug 26 j 13:07	0° \approx		max. Earth dist.	-1459 Aug 02 j 13:14	2° \approx 07'23	1.38784 AU
desc. node	-1460 Aug 31 j 16:22	8° \approx 09'56		evening rise	-1459 Aug 06 j 10:31	8° \approx 58'01	
	-1460 Sep 15 j 12:51	0° \approx		desc. node	-1459 Aug 18 j 13:24	28° \approx 39'16	
evening max el	-1460 Sep 28 j 12:12	15° \approx 55'33	23°09'58		-1459 Aug 19 j 10:37	0° \approx	
retrograde	-1460 Oct 08 j 17:51	21° \approx 59'08		evening max el	-1459 Sep 11 j 00:11	29° \approx 27'13	24°29'45
evening set	-1460 Oct 13 j 15:03	19° \approx 58'11			-1459 Sep 11 j 13:37	0° \approx	
asc. node	-1460 Oct 17 j 23:29	14° \approx 59'19		retrograde	-1459 Sep 22 j 07:55	6° \approx 04'41	
inferior conj	-1460 Oct 18 j 23:12	13° \approx 38'06	0°20'26	evening set	-1459 Sep 27 j 19:43	3° \approx 45'17	
minimum elong	-1460 Oct 18 j 22:43	13° \approx 39'45	0°20'13		-1459 Oct 01 j 06:10	30° \approx 12'11	
min. Earth dist.	-1460 Oct 18 j 16:05	14° \approx 02'33	0.67571 AU	min. Earth dist.	-1459 Oct 02 j 11:35	28° \approx 23'38	0.67331 AU
morning rise	-1460 Oct 24 j 06:17	7° \approx 27'46		inferior conj	-1459 Oct 03 j 05:09	27° \approx 24'49	-0°33'54
direct	-1460 Oct 28 j 12:44	5° \approx 47'03		minimum elong	-1459 Oct 03 j 05:58	27° \approx 22'03	0°33'34
morning max el	-1460 Nov 06 j 07:42	10° \approx 57'12	21°31'07	asc. node	-1459 Oct 04 j 20:31	25° \approx 15'37	
	-1460 Nov 21 j 02:23	0° \approx		morning rise	-1459 Oct 08 j 16:16	21° \approx 20'20	
desc. node	-1460 Nov 27 j 15:41	9° \approx 39'12		direct	-1459 Oct 12 j 09:56	20° \approx 00'14	
morning set	-1460 Dec 07 j 17:46	25° \approx 12'01		morning max el	-1459 Oct 20 j 05:37	24° \approx 31'45	20°17'11
	-1460 Dec 10 j 17:57	0° \approx			-1459 Oct 24 j 22:32	0° \approx	
max. Earth dist.	-1460 Dec 14 j 18:58	6° \approx 35'10	1.41974 AU		-1459 Nov 14 j 11:23	0° \approx	
				desc. node	-1459 Nov 14 j 12:44	0° \approx 05'12	
superior conj	-1460 Dec 22 j 06:06	19° \approx 12'15	-1°57'43	morning set	-1459 Nov 16 j 15:51	3° \approx 22'27	
minimum elong	-1460 Dec 22 j 03:59	19° \approx 03'05	1°57'40	max. Earth dist.	-1459 Nov 27 j 03:50	19° \approx 54'11	1.43593 AU
	-1460 Dec 28 j 08:46	0° \approx					
evening rise	-1459 Jan 02 j 06:05	8° \approx 52'16		superior conj	-1459 Dec 02 j 22:21	29° \approx 16'57	-1°41'48
asc. node	-1459 Jan 13 j 22:47	29° \approx 03'18		minimum elong	-1459 Dec 02 j 15:52	28° \approx 50'18	1°41'20
	-1459 Jan 14 j 14:25	0° \approx			-1459 Dec 03 j 08:48	0° \approx	
evening max el	-1459 Jan 18 j 19:11	5° \approx 07'31	18°09'32	evening rise	-1459 Dec 15 j 15:55	20° \approx 53'05	
retrograde	-1459 Jan 25 j 14:13	8° \approx 35'01			-1459 Dec 20 j 22:03	0° \approx	
evening set	-1459 Jan 28 j 06:00	8° \approx 03'46		asc. node	-1459 Dec 31 j 19:48	16° \approx 43'03	
inferior conj	-1459 Feb 03 j 23:53	3° \approx 09'27	3°52'22	evening max el	-1458 Jan 02 j 07:22	18° \approx 20'13	18°10'48
minimum elong	-1459 Feb 04 j 00:54	3° \approx 07'05	3°52'18	retrograde	-1458 Jan 08 j 19:53	21° \approx 47'59	
min. Earth dist.	-1459 Feb 07 j 04:45	0° \approx 11'16	0.60809 AU	evening set	-1458 Jan 11 j 15:33	21° \approx 07'45	
	-1459 Feb 07 j 09:51	30° \approx 12'11		inferior conj	-1458 Jan 17 j 22:02	15° \approx 52'55	3°52'47
morning rise	-1459 Feb 10 j 18:16	27° \approx 24'27		minimum elong	-1458 Jan 17 j 20:54	15° \approx 55'53	3°52'41

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

min. Earth dist.	-1458 Jan 20 j 14:14	13° Z 03'40	0.62775 AU	morning rise	-1457 Jan 07 j 00:59	22° Z 52'05	
morning rise	-1458 Jan 24 j 01:22	9° Z 55'47		direct	-1457 Jan 13 j 21:48	20° Z 00'11	
direct	-1458 Jan 31 j 02:00	7° Z 15'24		morning max el	-1457 Jan 27 j 08:57	27° Z 45'59	27°20'03
desc. node	-1458 Feb 10 j 11:54	11° Z 55'09		desc. node	-1457 Jan 28 j 08:57	28° Z 47'06	
morning max el	-1458 Feb 13 j 23:56	15° Z 05'06	27°44'55		-1457 Jan 29 j 12:23	0° Z	
	-1458 Feb 26 j 04:38	0° \approx			-1457 Feb 19 j 21:19	0° \approx	
	-1458 Mar 16 j 03:40	0° H		morning set	-1457 Mar 03 j 15:25	21° \approx 18'38	
morning set	-1458 Mar 19 j 22:08	7° H 24'49			-1457 Mar 07 j 23:22	0° H	
max. Earth dist.	-1458 Mar 25 j 11:08	18° H 56'46	1.32906 AU	max. Earth dist.	-1457 Mar 08 j 11:10	1° H 00'46	1.33733 AU
superior conj	-1458 Mar 27 j 11:08	23° H 14'40	-0°24'25	superior conj	-1457 Mar 11 j 16:22	7° H 44'18	-0°50'28
minimum elong	-1458 Mar 27 j 12:16	23° H 20'50	0°24'10	minimum elong	-1457 Mar 11 j 18:42	7° H 56'38	0°50'01
asc. node	-1458 Mar 29 j 19:11	28° H 18'12		asc. node	-1457 Mar 16 j 16:12	18° H 22'11	
	-1458 Mar 30 j 13:58	0° Y		evening rise	-1457 Mar 18 j 23:00	23° H 11'34	
evening rise	-1458 Apr 03 j 12:00	8° Y 24'08			-1457 Mar 22 j 06:40	0° Y	
	-1458 Apr 14 j 20:01	0° B		evening max el	-1457 Apr 09 j 04:05	27° Y 15'30	22°11'25
evening max el	-1458 Apr 27 j 10:37	16° B 35'36	23°45'49		-1457 Apr 12 j 09:48	0° B	
desc. node	-1458 May 09 j 11:04	23° B 21'21		retrograde	-1457 Apr 21 j 23:11	3° B 31'04	
retrograde	-1458 May 11 j 03:56	23° B 27'58		evening set	-1457 Apr 24 j 18:32	3° B 13'40	
evening set	-1458 May 15 j 04:29	22° B 52'10		desc. node	-1457 Apr 26 j 08:05	2° B 49'43	
min. Earth dist.	-1458 May 21 j 21:32	19° B 42'47	0.56179 AU		-1457 May 02 j 13:26	30° R Y	
inferior conj	-1458 May 24 j 03:51	18° B 20'24	-3°39'38	min. Earth dist.	-1457 May 03 j 10:57	29° Y 29'53	0.55202 AU
minimum elong	-1458 May 23 j 21:24	18° B 30'14	3°38'10	inferior conj	-1457 May 04 j 04:03	29° Y 05'45	-2°09'21
morning rise	-1458 Jun 01 j 17:17	14° B 21'45		minimum elong	-1457 May 03 j 22:24	29° Y 13'43	2°07'31
direct	-1458 Jun 04 j 07:35	14° B 04'37		morning rise	-1457 May 13 j 03:48	25° Y 09'48	
morning max el	-1458 Jun 14 j 09:47	18° B 44'41	19°58'54	direct	-1457 May 15 j 22:49	24° Y 52'12	
	-1458 Jun 23 j 02:26	0° II			-1457 May 27 j 07:06	0° B	
asc. node	-1458 Jun 25 j 18:27	4° II 34'26		morning max el	-1457 May 27 j 17:13	0° B 23'06	21°19'41
morning set	-1458 Jul 02 j 10:28	17° II 26'34		asc. node	-1457 Jun 12 j 15:31	23° B 54'38	
	-1458 Jul 08 j 14:34	0° E			-1457 Jun 15 j 16:47	0° II	
				morning set	-1457 Jun 16 j 18:28	2° II 11'48	
superior conj	-1458 Jul 10 j 06:41	3° E 21'41	1°45'23	superior conj	-1457 Jun 24 j 04:29	17° II 41'11	1°35'57
minimum elong	-1458 Jul 10 j 05:25	3° E 15'19	1°45'22	minimum elong	-1457 Jun 24 j 02:14	17° II 29'30	1°35'46
max. Earth dist.	-1458 Jul 15 j 17:03	13° E 57'39	1.36878 AU	max. Earth dist.	-1457 Jun 28 j 04:03	25° II 48'24	1.35249 AU
evening rise	-1458 Jul 19 j 14:45	21° E 12'37			-1457 Jun 30 j 06:56	0° E	
	-1458 Jul 24 j 14:23	0° O		evening rise	-1457 Jul 02 j 13:41	4° E 23'52	
desc. node	-1458 Aug 05 j 10:24	18° O 53'21			-1457 Jul 17 j 10:02	0° O	
	-1458 Aug 13 j 08:09	0° M		desc. node	-1457 Jul 23 j 07:24	8° O 45'26	
evening max el	-1458 Aug 24 j 11:13	13° M 01'15	25°42'47	evening max el	-1457 Aug 06 j 22:50	26° O 34'32	26°41'06
retrograde	-1458 Sep 05 j 17:35	20° M 03'42			-1457 Aug 10 j 21:15	0° M	
evening set	-1458 Sep 11 j 20:03	17° M 28'37		retrograde	-1457 Aug 19 j 22:15	3° M 50'32	
min. Earth dist.	-1458 Sep 16 j 03:41	12° M 43'02	0.66768 AU	evening set	-1457 Aug 26 j 13:57	1° M 05'39	
inferior conj	-1458 Sep 17 j 08:20	11° M 11'30	-1°28'55		-1457 Aug 27 j 19:00	30° R O	
minimum elong	-1458 Sep 17 j 10:31	11° M 04'31	1°28'01	min. Earth dist.	-1457 Aug 30 j 14:03	26° O 57'33	0.65862 AU
asc. node	-1458 Sep 21 j 17:35	6° M 14'56		inferior conj	-1457 Sep 01 j 06:50	24° O 55'43	-2°22'41
morning rise	-1458 Sep 23 j 01:11	5° M 15'41		minimum elong	-1457 Sep 01 j 10:16	24° O 45'27	2°21'25
direct	-1458 Sep 26 j 08:11	4° M 13'04		morning rise	-1457 Sep 07 j 07:00	19° O 11'37	
morning max el	-1458 Oct 03 j 10:51	8° M 14'56	19°16'47	asc. node	-1457 Sep 08 j 14:40	18° O 37'46	
	-1458 Oct 19 j 03:06	0° A		direct	-1457 Sep 10 j 05:46	18° O 22'50	
morning set	-1458 Oct 26 j 19:16	11° A 55'53		morning max el	-1457 Sep 16 j 21:56	22° O 04'00	18°32'03
desc. node	-1458 Nov 01 j 09:45	20° A 41'16			-1457 Sep 23 j 04:06	0° M	
	-1458 Nov 07 j 08:14	0° M		morning set	-1457 Oct 06 j 23:05	21° M 44'15	
max. Earth dist.	-1458 Nov 09 j 18:24	3° M 49'14	1.44625 AU		-1457 Oct 12 j 02:35	0° A	
				desc. node	-1457 Oct 19 j 06:46	11° A 23'59	
superior conj	-1458 Nov 12 j 12:28	8° M 10'49	-1°08'02	superior conj	-1457 Oct 22 j 12:42	16° A 31'16	-0°20'57
minimum elong	-1458 Nov 12 j 04:54	7° M 40'45	1°07'12	minimum elong	-1457 Oct 22 j 09:55	16° A 20'20	0°20'35
	-1458 Nov 26 j 00:09	0° Z		max. Earth dist.	-1457 Oct 23 j 12:22	18° A 04'24	1.44957 AU
evening rise	-1458 Nov 27 j 04:35	1° Z 57'18			-1457 Oct 31 j 02:25	0° M	
	-1458 Dec 15 j 06:46	0° Z		evening rise	-1457 Nov 07 j 17:09	12° M 00'51	
evening max el	-1458 Dec 16 j 19:37	1° Z 41'44	18°30'47	greatest brilliancy	-1457 Nov 16 j 21:16	26° M 30'25	-0.8m
asc. node	-1458 Dec 18 j 16:50	3° Z 24'22			-1457 Nov 19 j 03:12	0° Z	
retrograde	-1458 Dec 23 j 10:04	5° Z 20'46		evening max el	-1457 Nov 30 j 05:33	15° Z 07'59	19°08'16
evening set	-1458 Dec 26 j 10:27	4° Z 30'20		asc. node	-1457 Dec 05 j 13:52	18° Z 52'40	
	-1458 Dec 31 j 10:40	30° R Z		retrograde	-1457 Dec 07 j 05:10	19° Z 07'37	
inferior conj	-1457 Jan 01 j 08:23	28° Z 57'01	3°35'23	evening set	-1457 Dec 10 j 11:51	18° Z 05'14	
minimum elong	-1457 Jan 01 j 05:58	29° Z 04'07	3°34'58				
min. Earth dist.	-1457 Jan 03 j 09:34	26° Z 33'21	0.64459 AU				

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

inferior conj	-1457 Dec 16 j 03:36	12°♊15'55	3°05'26	asc. node	-1456 Nov 21 j 10:56	2°♊53'18	
minimum elong	-1457 Dec 16 j 00:41	12°♊25'08	3°04'41	evening set	-1456 Nov 23 j 17:18	1°♊47'25	
min. Earth dist.	-1457 Dec 17 j 14:02	10°♊27'10	0.65780 AU		-1456 Nov 25 j 17:54	30°♋	
morning rise	-1457 Dec 21 j 13:14	6°♊05'55		inferior conj	-1456 Nov 29 j 04:49	25°♋44'55	2°26'29
direct	-1457 Dec 27 j 23:53	3°♊16'55		minimum elong	-1456 Nov 29 j 02:03	25°♋54'07	2°25'34
morning max el	-1456 Jan 09 j 18:27	10°♊47'12	26°25'47	min. Earth dist.	-1456 Nov 30 j 01:57	24°♋34'30	0.66718 AU
desc. node	-1456 Jan 15 j 06:01	16°♊52'15		morning rise	-1456 Dec 04 j 10:38	19°♋31'57	
	-1456 Jan 25 j 02:11	0°♋		direct	-1456 Dec 10 j 07:24	16°♋56'38	
	-1456 Feb 12 j 10:06	0°♋		morning max el	-1456 Dec 22 j 03:10	23°♋58'13	25°10'57
morning set	-1456 Feb 14 j 20:39	4°♋31'26		desc. node	-1456 Dec 27 j 13:03	0°♋	
max. Earth dist.	-1456 Feb 18 j 23:56	12°♋29'28	1.35012 AU		-1455 Jan 01 j 03:04	5°♋48'47	
					-1455 Jan 17 j 12:06	0°♋	
superior conj	-1456 Feb 23 j 15:22	21°♋50'24	-1°15'08	morning set	-1455 Jan 27 j 08:50	16°♋48'45	
minimum elong	-1456 Feb 23 j 18:38	22°♋07'11	1°14'39	max. Earth dist.	-1455 Jan 31 j 01:41	23°♋35'21	1.36721 AU
	-1456 Feb 27 j 13:51	0°♌			-1455 Feb 03 j 10:46	0°♌	
evening rise	-1456 Mar 02 j 07:25	7°♌45'29					
asc. node	-1456 Mar 02 j 13:13	8°♌15'23		superior conj	-1455 Feb 06 j 05:15	5°♌24'30	-1°36'41
	-1456 Mar 14 j 11:14	0°♍		minimum elong	-1455 Feb 06 j 08:50	5°♌42'13	1°36'19
evening max el	-1456 Mar 21 j 06:05	8°♍19'27	20°45'55	evening rise	-1455 Feb 14 j 11:08	21°♌59'34	
retrograde	-1456 Apr 01 j 12:09	13°♍43'30		asc. node	-1455 Feb 17 j 10:16	27°♌52'59	
evening set	-1456 Apr 03 j 17:55	13°♍31'31			-1455 Feb 18 j 12:30	0°♌	
desc. node	-1456 Apr 12 j 05:09	9°♍59'05		evening max el	-1455 Mar 03 j 19:01	19°♌59'55	19°36'53
inferior conj	-1456 Apr 12 j 22:41	9°♍34'02	-0°12'26	retrograde	-1455 Mar 13 j 08:07	24°♌33'44	
minimum elong	-1456 Apr 12 j 22:06	9°♍34'52	0°12'14	evening set	-1455 Mar 15 j 13:07	24°♌20'10	
transit middle	-1456 Apr 12 j 22:06	9°♍34'52	0°12'14	inferior conj	-1455 Mar 24 j 02:14	20°♌15'54	1°38'04
transit begin	-1456 Apr 12 j 19:30	9°♍38'35		minimum elong	-1455 Mar 24 j 06:02	20°♌09'51	1°36'52
transit end	-1456 Apr 13 j 00:42	9°♍31'09		min. Earth dist.	-1455 Mar 26 j 14:59	18°♌39'47	0.56015 AU
min. Earth dist.	-1456 Apr 14 j 00:35	8°♍56'58	0.55146 AU	desc. node	-1455 Mar 30 j 02:12	16°♌42'57	
morning rise	-1456 Apr 22 j 01:24	5°♍22'58		morning rise	-1455 Apr 01 j 20:27	15°♌35'25	
direct	-1456 Apr 25 j 10:19	4°♍58'18		direct	-1455 Apr 06 j 05:34	14°♌52'24	
morning max el	-1456 May 08 j 14:29	11°♍21'05	22°55'09	morning max el	-1455 Apr 20 j 05:58	21°♌55'44	24°35'19
	-1456 May 22 j 09:11	0°♎			-1455 Apr 27 j 07:16	0°♍	
asc. node	-1456 May 29 j 12:33	13°♎36'22			-1455 May 14 j 16:54	0°♎	
morning set	-1456 May 31 j 05:22	17°♎07'33		morning set	-1455 May 15 j 17:28	2°♎08'22	
	-1456 Jun 06 j 06:28	0°♏		asc. node	-1455 May 16 j 09:37	3°♎33'34	
superior conj	-1456 Jun 07 j 09:03	2°♏21'49	1°21'12	superior conj	-1455 May 22 j 17:58	17°♎16'05	1°02'24
minimum elong	-1456 Jun 07 j 06:29	2°♏08'10	1°20'52	minimum elong	-1455 May 22 j 15:38	17°♎03'25	1°02'00
max. Earth dist.	-1456 Jun 10 j 01:03	7°♏59'38	1.33987 AU	max. Earth dist.	-1455 May 24 j 06:46	20°♎34'57	1.33106 AU
evening rise	-1456 Jun 15 j 02:22	18°♏17'03			-1455 May 28 j 17:37	0°♏	
	-1456 Jun 21 j 06:58	0°♐		evening rise	-1455 May 30 j 00:52	2°♏40'15	
desc. node	-1456 Jul 09 j 04:26	28°♐05'33			-1455 Jun 14 j 02:52	0°♐	
	-1456 Jul 10 j 15:31	0°♑		desc. node	-1455 Jun 26 j 01:28	16°♐40'14	
evening max el	-1456 Jul 19 j 10:31	9°♑56'38	27°17'01	evening max el	-1455 Jul 01 j 20:12	22°♐54'35	27°24'07
retrograde	-1456 Aug 01 j 21:14	17°♑16'59			-1455 Jul 13 j 06:55	0°♑	
evening set	-1456 Aug 08 j 22:41	14°♑31'25		retrograde	-1455 Jul 15 j 14:05	0°♑14'39	
min. Earth dist.	-1456 Aug 12 j 16:19	10°♑59'53	0.64594 AU		-1455 Jul 17 j 19:51	30°♒	
inferior conj	-1456 Aug 14 j 22:21	8°♑32'15	-3°12'49	evening set	-1455 Jul 22 j 18:51	27°♒40'40	
minimum elong	-1456 Aug 15 j 02:38	8°♑20'33	3°11'31	min. Earth dist.	-1455 Jul 26 j 08:46	24°♒40'07	0.62963 AU
morning rise	-1456 Aug 21 j 07:16	3°♑03'17		inferior conj	-1455 Jul 29 j 04:08	21°♒55'11	-3°55'46
direct	-1456 Aug 24 j 00:16	2°♑24'56		minimum elong	-1455 Jul 29 j 08:24	21°♒44'42	3°54'50
asc. node	-1456 Aug 25 j 11:45	2°♑36'26		morning rise	-1455 Aug 04 j 23:03	16°♒44'46	
morning max el	-1456 Aug 30 j 12:31	5°♑53'41	18°04'13	direct	-1455 Aug 07 j 12:35	16°♒14'03	
	-1456 Sep 15 j 13:37	0°♓		asc. node	-1455 Aug 12 j 08:49	18°♒05'00	
morning set	-1456 Sep 17 j 07:02	2°♓54'34		morning max el	-1455 Aug 14 j 03:54	19°♒38'45	17°54'14
					-1455 Aug 21 j 19:13	0°♓	
superior conj	-1456 Sep 30 j 21:02	25°♓19'28	0°27'41	morning set	-1455 Aug 30 j 14:36	15°♓12'51	
minimum elong	-1456 Oct 01 j 00:13	25°♓32'20	0°27'16		-1455 Sep 08 j 01:57	0°♓	
	-1456 Oct 03 j 19:08	0°♔					
desc. node	-1456 Oct 05 j 03:47	2°♔09'42		superior conj	-1455 Sep 11 j 05:57	5°♓21'53	1°06'52
max. Earth dist.	-1456 Oct 05 j 06:44	2°♔21'24	1.44556 AU	minimum elong	-1455 Sep 11 j 11:15	5°♓44'08	1°06'15
evening rise	-1456 Oct 17 j 08:07	21°♔12'00		max. Earth dist.	-1455 Sep 17 j 22:10	16°♓21'20	1.43477 AU
	-1456 Oct 23 j 01:24	0°♕		desc. node	-1455 Sep 22 j 00:49	22°♓55'39	
greatest brilliancy	-1456 Oct 31 j 01:38	12°♕07'04	-0.6m	evening rise	-1455 Sep 26 j 13:59	0°♔03'16	
evening max el	-1456 Nov 12 j 11:04	28°♕35'19	20°01'32		-1455 Sep 26 j 13:09	0°♔	
	-1456 Nov 13 j 22:05	0°♖			-1455 Oct 16 j 18:32	0°♕	
retrograde	-1456 Nov 20 j 02:27	3°♖03'49		evening max el	-1455 Oct 26 j 10:50	12°♕02'28	21°07'58

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

retrograde	-1455 Nov 03 j 23:41	17° \mathbb{M} 06'25		evening max el	-1454 Oct 09 j 04:44	25° \mathbb{A} 30'13	22°23'58
evening set	-1455 Nov 08 j 00:47	15° \mathbb{M} 33'55			-1454 Oct 14 j 17:38	0° \mathbb{M}	
asc. node	-1455 Nov 08 j 08:00	15° \mathbb{M} 19'32		retrograde	-1454 Oct 18 j 19:13	1° \mathbb{M} 12'53	
inferior conj	-1455 Nov 13 j 09:47	9° \mathbb{M} 21'35	1°40'59		-1454 Oct 22 j 12:24	30° \mathbb{R} \mathbb{A}	
minimum elong	-1455 Nov 13 j 07:39	9° \mathbb{M} 28'54	1°40'08	evening set	-1454 Oct 23 j 08:30	29° \mathbb{A} 22'38	
min. Earth dist.	-1455 Nov 13 j 19:11	8° \mathbb{M} 49'17	0.67301 AU	asc. node	-1454 Oct 26 j 05:03	26° \mathbb{A} 22'56	
morning rise	-1455 Nov 18 j 14:21	3° \mathbb{M} 07'38		inferior conj	-1454 Oct 28 j 16:31	23° \mathbb{A} 04'07	0°50'49
direct	-1455 Nov 23 j 19:49	0° \mathbb{M} 52'13		minimum elong	-1454 Oct 28 j 15:21	23° \mathbb{A} 08'07	0°50'19
morning max el	-1455 Dec 04 j 11:56	7° \mathbb{M} 13'51	23°45'17	min. Earth dist.	-1454 Oct 28 j 15:17	23° \mathbb{A} 08'22	0.67557 AU
desc. node	-1455 Dec 19 j 00:06	25° \mathbb{M} 21'45		morning rise	-1454 Nov 02 j 22:06	16° \mathbb{A} 51'33	
	-1455 Dec 22 j 05:39	0° \mathbb{A}		direct	-1454 Nov 07 j 12:33	14° \mathbb{A} 58'17	
morning set	-1454 Jan 08 j 21:44	27° \mathbb{A} 53'26		morning max el	-1454 Nov 16 j 23:31	20° \mathbb{A} 34'39	22°18'25
	-1454 Jan 10 j 03:18	0° \mathbb{B}			-1454 Nov 24 j 22:30	0° \mathbb{M}	
max. Earth dist.	-1454 Jan 12 j 21:23	4° \mathbb{B} 48'15	1.38743 AU	desc. node	-1454 Dec 05 j 21:09	15° \mathbb{M} 21'04	
					-1454 Dec 15 j 12:08	0° \mathbb{A}	
superior conj	-1454 Jan 20 j 06:08	18° \mathbb{B} 15'21	-1°52'38	morning set	-1454 Dec 20 j 06:08	7° \mathbb{A} 34'20	
minimum elong	-1454 Jan 20 j 08:53	18° \mathbb{B} 28'21	1°52'29	max. Earth dist.	-1454 Dec 25 j 18:26	16° \mathbb{A} 40'44	1.40841 AU
	-1454 Jan 26 j 08:43	0° \mathbb{A}			-1453 Jan 02 j 10:39	0° \mathbb{B}	
evening rise	-1454 Jan 29 j 07:33	5° \mathbb{A} 45'51					
asc. node	-1454 Feb 04 j 07:19	17° \mathbb{A} 08'13		superior conj	-1453 Jan 02 j 13:10	0° \mathbb{B} 11'14	-1°59'30
	-1454 Feb 12 j 15:41	0° \mathbb{A}		minimum elong	-1453 Jan 02 j 13:22	0° \mathbb{B} 12'06	1°59'31
evening max el	-1454 Feb 14 j 17:55	2° \mathbb{A} 15'16	18°47'13	evening rise	-1453 Jan 12 j 17:36	18° \mathbb{B} 57'14	
retrograde	-1454 Feb 22 j 20:46	6° \mathbb{A} 11'08			-1453 Jan 18 j 17:26	0° \mathbb{A}	
evening set	-1454 Feb 25 j 05:44	5° \mathbb{A} 52'17		asc. node	-1453 Jan 22 j 04:21	5° \mathbb{A} 53'52	
inferior conj	-1454 Mar 05 j 00:20	1° \mathbb{A} 31'13	2°57'41	evening max el	-1453 Jan 29 j 00:20	14° \mathbb{A} 59'21	18°17'38
minimum elong	-1454 Mar 05 j 04:45	1° \mathbb{A} 23'03	2°56'40	retrograde	-1453 Feb 05 j 03:50	18° \mathbb{A} 32'47	
	-1454 Mar 07 j 01:34	30° \mathbb{R} \mathbb{A}		evening set	-1453 Feb 07 j 17:12	18° \mathbb{A} 06'30	
min. Earth dist.	-1454 Mar 08 j 07:31	29° \mathbb{A} 06'08	0.57609 AU	inferior conj	-1453 Feb 14 j 19:13	13° \mathbb{A} 24'51	3°41'18
morning rise	-1454 Mar 13 j 00:58	26° \mathbb{A} 19'12		minimum elong	-1453 Feb 14 j 21:40	13° \mathbb{A} 19'35	3°40'59
desc. node	-1454 Mar 16 j 23:15	25° \mathbb{A} 10'34		min. Earth dist.	-1453 Feb 18 j 04:31	10° \mathbb{A} 31'18	0.59608 AU
direct	-1454 Mar 18 j 14:02	25° \mathbb{A} 04'08		morning rise	-1453 Feb 21 j 23:59	7° \mathbb{A} 49'18	
	-1454 Mar 30 j 00:56	0° \mathbb{A}		direct	-1453 Feb 28 j 11:29	5° \mathbb{A} 55'19	
morning max el	-1454 Apr 01 j 21:42	2° \mathbb{A} 33'11	26°05'44	desc. node	-1453 Mar 03 j 20:18	6° \mathbb{A} 24'48	
	-1454 Apr 21 j 11:11	0° \mathbb{Y}		morning max el	-1453 Mar 14 j 18:14	13° \mathbb{A} 37'59	27°11'37
morning set	-1454 Apr 30 j 05:01	17° \mathbb{Y} 07'07			-1453 Mar 27 j 19:35	0° \mathbb{A}	
asc. node	-1454 May 03 j 06:39	23° \mathbb{Y} 40'07			-1453 Apr 13 j 15:34	0° \mathbb{Y}	
	-1454 May 06 j 04:21	0° \mathbb{B}		morning set	-1453 Apr 14 j 14:17	1° \mathbb{Y} 57'28	
				asc. node	-1453 Apr 20 j 03:42	13° \mathbb{Y} 51'30	
superior conj	-1454 May 07 j 05:10	2° \mathbb{B} 15'54	0°40'30				
minimum elong	-1454 May 07 j 03:29	2° \mathbb{B} 06'40	0°40'10	superior conj	-1453 Apr 21 j 16:55	17° \mathbb{Y} 15'10	0°16'19
max. Earth dist.	-1454 May 07 j 17:56	3° \mathbb{B} 25'47	1.32586 AU	minimum elong	-1453 Apr 21 j 16:11	17° \mathbb{Y} 11'10	0°16'11
evening rise	-1454 May 14 j 05:56	17° \mathbb{B} 22'16		max. Earth dist.	-1453 Apr 21 j 06:55	16° \mathbb{Y} 20'22	1.32419 AU
	-1454 May 20 j 14:53	0° \mathbb{I}			-1453 Apr 27 j 13:40	0° \mathbb{B}	
	-1454 Jun 09 j 03:12	0° \mathbb{B}		evening rise	-1453 Apr 28 j 15:09	2° \mathbb{B} 14'52	
desc. node	-1454 Jun 12 j 22:30	4° \mathbb{B} 09'33			-1453 May 13 j 16:30	0° \mathbb{I}	
evening max el	-1454 Jun 14 j 01:16	5° \mathbb{B} 15'08	26°58'47	evening max el	-1453 May 26 j 23:58	16° \mathbb{I} 52'01	26°01'39
retrograde	-1454 Jun 28 j 00:07	12° \mathbb{B} 33'31		desc. node	-1453 May 30 j 19:31	20° \mathbb{I} 06'38	
evening set	-1454 Jul 04 j 22:13	10° \mathbb{B} 25'10		retrograde	-1453 Jun 10 j 01:41	24° \mathbb{I} 06'35	
min. Earth dist.	-1454 Jul 08 j 15:01	7° \mathbb{B} 43'21	0.61030 AU	evening set	-1453 Jun 16 j 04:30	22° \mathbb{I} 35'16	
inferior conj	-1454 Jul 11 j 20:49	4° \mathbb{B} 55'45	-4°26'07	min. Earth dist.	-1453 Jun 20 j 12:42	19° \mathbb{I} 54'53	0.58971 AU
minimum elong	-1454 Jul 11 j 23:37	4° \mathbb{B} 49'40	4°25'49	inferior conj	-1453 Jun 23 j 20:48	17° \mathbb{I} 24'56	-4°35'26
morning rise	-1454 Jul 19 j 02:46	0° \mathbb{B} 06'38		minimum elong	-1453 Jun 23 j 20:19	17° \mathbb{I} 25'51	4°35'24
	-1454 Jul 19 j 11:25	30° \mathbb{R} \mathbb{I}		morning rise	-1453 Jul 01 j 14:34	12° \mathbb{I} 57'56	
direct	-1454 Jul 21 j 14:52	29° \mathbb{I} 41'26		direct	-1453 Jul 04 j 02:47	12° \mathbb{I} 36'44	
	-1454 Jul 23 j 17:21	0° \mathbb{B}		morning max el	-1453 Jul 12 j 01:20	16° \mathbb{I} 23'30	18°31'43
morning max el	-1454 Jul 28 j 17:11	3° \mathbb{B} 11'33	18°03'05	asc. node	-1453 Jul 17 j 02:57	22° \mathbb{I} 31'45	
asc. node	-1454 Jul 30 j 05:53	4° \mathbb{B} 48'31			-1453 Jul 21 j 17:40	0° \mathbb{B}	
morning set	-1454 Aug 13 j 15:56	28° \mathbb{B} 22'15		morning set	-1453 Jul 28 j 06:02	12° \mathbb{B} 09'39	
	-1454 Aug 14 j 13:02	0° \mathbb{Q}					
superior conj	-1454 Aug 23 j 18:13	16° \mathbb{Q} 45'40	1°32'30	superior conj	-1453 Aug 06 j 05:17	29° \mathbb{B} 17'33	1°45'22
minimum elong	-1454 Aug 23 j 22:16	17° \mathbb{Q} 03'36	1°32'11	minimum elong	-1453 Aug 06 j 07:00	29° \mathbb{B} 25'32	1°45'19
	-1454 Aug 31 j 11:20	0° \mathbb{P}			-1453 Aug 06 j 14:25	0° \mathbb{Q}	
max. Earth dist.	-1454 Aug 31 j 08:02	29° \mathbb{Q} 46'13	1.41860 AU	max. Earth dist.	-1453 Aug 13 j 12:17	12° \mathbb{Q} 26'34	1.39934 AU
evening rise	-1454 Sep 06 j 05:19	9° \mathbb{P} 22'52		evening rise	-1453 Aug 17 j 19:19	19° \mathbb{Q} 46'47	
desc. node	-1454 Sep 08 j 21:51	13° \mathbb{P} 38'31			-1453 Aug 24 j 01:58	0° \mathbb{P}	
	-1454 Sep 19 j 16:31	0° \mathbb{Q}		desc. node	-1453 Aug 26 j 18:53	4° \mathbb{P} 14'02	
					-1453 Sep 13 j 22:13	0° \mathbb{Q}	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening max el	-1453 Sep 21 j 18:15	9° Ω 00'11	23°44'19	superior conj	-1452 Jul 19 j 09:33	12° Ω 42'21	1°47'48
retrograde	-1453 Oct 02 j 11:32	15° Ω 19'34		minimum elong	-1452 Jul 19 j 09:10	12° Ω 40'31	1°47'49
evening set	-1453 Oct 07 j 14:44	13° Ω 10'50		max. Earth dist.	-1452 Jul 25 j 15:03	24° Ω 31'35	1.37956 AU
inferior conj	-1453 Oct 12 j 23:15	6° Ω 50'02	-0°02'28		-1452 Jul 28 j 15:40	0° Ω	
minimum elong	-1453 Oct 12 j 23:18	6° Ω 49'50	0°02'26	evening rise	-1452 Jul 29 j 10:39	1° Ω 24'05	
transit middle	-1453 Oct 12 j 23:18	6° Ω 49'50	0°02'26	desc. node	-1452 Aug 12 j 15:53	24° Ω 38'01	
transit begin	-1453 Oct 12 j 20:37	6° Ω 58'59			-1452 Aug 16 j 06:52	0° Π	
transit end	-1453 Oct 13 j 01:59	6° Ω 40'41		evening max el	-1452 Sep 03 j 05:51	22° Π 34'22	25°02'06
min. Earth dist.	-1453 Oct 12 j 11:47	7° Ω 29'07	0.67503 AU	retrograde	-1452 Sep 14 j 23:45	29° Π 23'08	
asc. node	-1453 Oct 13 j 02:06	6° Ω 40'19		evening set	-1452 Sep 20 j 17:47	26° Π 56'53	
morning rise	-1453 Oct 18 j 07:48	0° Ω 41'33		min. Earth dist.	-1452 Sep 25 j 06:11	21° Π 50'09	0.67140 AU
	-1453 Oct 19 j 08:45	30° κ Π		inferior conj	-1452 Sep 26 j 04:16	20° Π 37'32	-0°57'16
direct	-1453 Oct 22 j 08:33	29° Π 09'51		minimum elong	-1452 Sep 26 j 05:40	20° Π 32'55	0°56'40
	-1453 Oct 25 j 13:08	0° Ω		asc. node	-1452 Sep 28 j 23:08	17° Π 08'57	
morning max el	-1453 Oct 30 j 16:59	4° Ω 02'59	20°58'06	morning rise	-1452 Oct 01 j 17:36	14° Π 36'12	
	-1453 Nov 19 j 00:15	0° Π		direct	-1452 Oct 05 j 06:34	13° Π 23'44	
desc. node	-1453 Nov 22 j 18:11	5° Π 38'49		morning max el	-1452 Oct 12 j 18:00	17° Π 41'15	19°49'33
morning set	-1453 Nov 29 j 12:07	16° Π 02'36			-1452 Oct 22 j 08:53	0° Ω	
max. Earth dist.	-1453 Dec 07 j 22:15	29° Π 27'58	1.42722 AU	morning set	-1452 Nov 07 j 09:19	24° Ω 13'49	
	-1453 Dec 08 j 06:07	0° χ		desc. node	-1452 Nov 08 j 15:13	26° Ω 09'38	
					-1452 Nov 11 j 02:29	0° Π	
superior conj	-1453 Dec 14 j 20:48	10° χ 59'02	-1°53'06	max. Earth dist.	-1452 Nov 19 j 10:01	13° Π 05'05	1.44124 AU
minimum elong	-1453 Dec 14 j 16:45	10° χ 41'53	1°52'55				
	-1453 Dec 25 j 18:18	0° Ξ		superior conj	-1452 Nov 24 j 01:22	20° Π 31'40	-1°29'35
evening rise	-1453 Dec 26 j 13:25	1° Ξ 25'25		minimum elong	-1452 Nov 23 j 17:44	20° Π 00'49	1°28'53
asc. node	-1452 Jan 09 j 01:22	24° Ξ 00'34			-1452 Nov 29 j 20:18	0° χ	
evening max el	-1452 Jan 12 j 11:16	28° Ξ 03'37	18°07'49	evening rise	-1452 Dec 07 j 14:41	13° χ 02'37	
	-1452 Jan 14 j 18:38	0° \approx			-1452 Dec 17 j 17:02	0° Ξ	
retrograde	-1452 Jan 19 j 02:19	1° \approx 29'27		asc. node	-1452 Dec 25 j 22:23	11° Ξ 17'01	
evening set	-1452 Jan 21 j 19:46	0° \approx 54'28		evening max el	-1452 Dec 25 j 23:50	11° Ξ 20'42	18°17'06
	-1452 Jan 23 j 12:30	30° κ Ξ		retrograde	-1451 Jan 01 j 12:01	14° Ξ 51'39	
inferior conj	-1452 Jan 28 j 08:26	25° Ξ 51'32	3°55'05	evening set	-1451 Jan 04 j 09:41	14° Ξ 07'04	
minimum elong	-1452 Jan 28 j 08:27	25° Ξ 51'29	3°55'04	inferior conj	-1451 Jan 10 j 12:11	8° Ξ 44'00	3°47'10
min. Earth dist.	-1452 Jan 31 j 08:38	22° Ξ 54'26	0.61673 AU	minimum elong	-1451 Jan 10 j 10:24	8° Ξ 48'56	3°46'57
morning rise	-1452 Feb 03 j 19:54	20° Ξ 00'54		min. Earth dist.	-1451 Jan 12 j 22:02	6° Ξ 04'17	0.63540 AU
direct	-1452 Feb 10 j 19:03	17° Ξ 33'36		morning rise	-1451 Jan 16 j 10:29	2° Ξ 43'26	
desc. node	-1452 Feb 18 j 17:20	20° Ξ 17'34			-1451 Jan 22 j 09:16	30° κ χ	
morning max el	-1452 Feb 24 j 20:47	25° Ξ 21'58	27°43'23	direct	-1451 Jan 23 j 10:33	29° χ 56'24	
	-1452 Feb 29 j 03:44	0° \approx			-1451 Jan 24 j 12:16	0° Ξ	
	-1452 Mar 20 j 04:59	0° χ		desc. node	-1451 Feb 04 j 14:23	6° Ξ 14'19	
morning set	-1452 Mar 28 j 19:21	16° χ 32'28		morning max el	-1451 Feb 06 j 04:10	7° Ξ 44'38	27°38'25
max. Earth dist.	-1452 Apr 03 j 17:59	29° χ 05'41	1.32613 AU		-1451 Feb 23 j 08:35	0° \approx	
	-1452 Apr 04 j 04:00	0° Υ			-1451 Mar 12 j 08:57	0° χ	
superior conj	-1452 Apr 05 j 03:32	2° Υ 07'51	-0°09'20	morning set	-1451 Mar 12 j 17:45	0° χ 43'45	
minimum elong	-1452 Apr 05 j 03:58	2° Υ 10'12	0°09'14	max. Earth dist.	-1451 Mar 17 j 23:18	11° χ 28'28	1.33204 AU
behind sun begin	-1452 Apr 04 j 23:47	1° Υ 47'28		superior conj	-1451 Mar 20 j 11:17	16° χ 47'29	-0°35'32
behind sun end	-1452 Apr 05 j 08:08	2° Υ 32'56		minimum elong	-1451 Mar 20 j 12:56	16° χ 56'24	0°35'12
asc. node	-1452 Apr 06 j 00:45	4° Υ 03'26		asc. node	-1451 Mar 23 j 21:46	24° χ 11'24	
evening rise	-1452 Apr 12 j 02:30	17° Υ 10'53			-1451 Mar 26 j 14:51	0° Υ	
	-1452 Apr 18 j 11:25	0° χ		evening rise	-1451 Mar 27 j 14:10	2° Υ 03'18	
evening max el	-1452 May 07 j 16:56	27° χ 50'05	24°39'39		-1451 Apr 12 j 04:23	0° χ	
	-1452 May 10 j 03:26	0° Π		evening max el	-1451 Apr 19 j 08:11	8° χ 27'35	23°05'21
desc. node	-1452 May 16 j 16:31	3° Π 56'52		retrograde	-1451 May 02 j 17:41	15° χ 06'12	
retrograde	-1452 May 21 j 16:09	4° Π 53'52		desc. node	-1451 May 03 j 13:33	15° χ 04'40	
evening set	-1452 May 26 j 12:25	4° Π 00'50		evening set	-1451 May 06 j 04:38	14° χ 40'03	
min. Earth dist.	-1452 Jun 01 j 04:41	1° Π 05'45	0.57066 AU	min. Earth dist.	-1451 May 13 j 17:56	11° χ 17'59	0.55660 AU
	-1452 Jun 02 j 21:24	30° κ χ		inferior conj	-1451 May 15 j 10:00	10° χ 19'43	-3°06'14
inferior conj	-1452 Jun 04 j 01:13	29° χ 14'21	-4°12'11	minimum elong	-1451 May 15 j 03:13	10° χ 29'37	3°04'23
minimum elong	-1452 Jun 03 j 20:28	29° χ 22'08	4°11'28	morning rise	-1451 May 24 j 04:19	6° χ 24'22	
morning rise	-1452 Jun 12 j 07:24	25° χ 07'08		direct	-1451 May 26 j 20:13	6° χ 07'22	
direct	-1452 Jun 14 j 20:48	24° χ 48'46		morning max el	-1451 Jun 06 j 15:07	11° χ 07'40	20°31'06
morning max el	-1452 Jun 24 j 01:26	29° χ 05'28	19°21'04	asc. node	-1451 Jun 19 j 21:04	0° Π 05'35	
	-1452 Jun 24 j 23:45	0° Π			-1451 Jun 19 j 19:52	0° Π	
asc. node	-1452 Jul 03 j 00:00	11° Π 01'27		morning set	-1451 Jun 25 j 10:46	11° Π 02'43	
morning set	-1452 Jul 11 j 05:18	26° Π 26'08					
	-1452 Jul 13 j 00:06	0° Ω		superior conj	-1451 Jul 03 j 02:04	26° Π 45'03	1°42'08

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1451 Jul 03 j 00:17	26° Π 36'02	1°42'02	minimum elong	-1450 Jun 17 j 00:39	11° Π 01'36	1°30'01
	-1451 Jul 04 j 16:41	0° \mathfrak{S}		max. Earth dist.	-1450 Jun 20 j 12:56	18° Π 18'18	1.34661 AU
max. Earth dist.	-1451 Jul 07 j 21:50	6° \mathfrak{S} 20'59	1.36147 AU	evening rise	-1450 Jun 25 j 04:47	27° Π 34'35	
evening rise	-1451 Jul 11 j 23:29	14° \mathfrak{S} 04'29			-1450 Jun 26 j 11:07	0° \mathfrak{S}	
	-1451 Jul 21 j 01:37	0° Ω			-1450 Jul 14 j 07:47	0° Ω	
desc. node	-1451 Jul 30 j 12:54	14° Ω 43'53		desc. node	-1450 Jul 17 j 09:54	4° Ω 23'36	
	-1451 Aug 11 j 00:47	0° \mathfrak{M}		evening max el	-1450 Jul 30 j 04:47	19° Ω 38'23	26°59'24
evening max el	-1451 Aug 16 j 17:11	6° \mathfrak{M} 09'23	26°09'44	retrograde	-1450 Aug 12 j 09:30	26° Ω 57'26	
retrograde	-1451 Aug 29 j 07:09	13° \mathfrak{M} 18'02		evening set	-1450 Aug 19 j 06:04	24° Ω 10'33	
evening set	-1451 Sep 04 j 15:41	10° \mathfrak{M} 37'51		min. Earth dist.	-1450 Aug 23 j 03:06	20° Ω 18'40	0.65372 AU
min. Earth dist.	-1451 Sep 08 j 20:03	6° \mathfrak{M} 08'18	0.66439 AU	inferior conj	-1450 Aug 25 j 01:33	18° Ω 04'49	-2°44'33
inferior conj	-1451 Sep 10 j 05:43	4° \mathfrak{M} 23'37	-1°51'58	minimum elong	-1450 Aug 25 j 05:25	17° Ω 53'40	2°43'14
minimum elong	-1451 Sep 10 j 08:28	4° \mathfrak{M} 15'05	1°50'53	morning rise	-1450 Aug 31 j 05:18	12° Ω 27'04	
	-1451 Sep 14 j 03:32	30° \mathfrak{R} Ω		asc. node	-1450 Sep 02 j 17:18	11° Ω 43'49	
asc. node	-1451 Sep 15 j 20:13	28° Ω 40'40		direct	-1450 Sep 03 j 01:19	11° Ω 43'13	
morning rise	-1451 Sep 16 j 01:31	28° Ω 32'30		morning max el	-1450 Sep 09 j 15:01	15° Ω 17'56	18°18'06
direct	-1451 Sep 19 j 04:49	27° Ω 36'07			-1450 Sep 20 j 04:56	0° \mathfrak{M}	
	-1451 Sep 24 j 12:23	0° \mathfrak{M}		morning set	-1450 Sep 28 j 13:52	13° \mathfrak{M} 40'29	
morning max el	-1451 Sep 26 j 02:02	1° \mathfrak{M} 27'36	18°55'43		-1450 Oct 08 j 15:19	0° \mathfrak{L}	
	-1451 Oct 15 j 20:05	0° \mathfrak{L}					
morning set	-1451 Oct 17 j 21:51	3° \mathfrak{L} 16'20		superior conj	-1450 Oct 13 j 08:13	7° \mathfrak{L} 29'15	0°00'18
desc. node	-1451 Oct 26 j 12:16	16° \mathfrak{L} 49'06		minimum elong	-1450 Oct 13 j 08:15	7° \mathfrak{L} 29'25	0°00'16
max. Earth dist.	-1451 Nov 02 j 03:01	27° \mathfrak{L} 13'15	1.44864 AU	behind sun begin	-1450 Oct 12 j 21:11	6° \mathfrak{L} 45'34	
				behind sun end	-1450 Oct 13 j 19:19	8° \mathfrak{L} 13'12	
superior conj	-1451 Nov 03 j 07:14	29° \mathfrak{L} 04'25	-0°49'05	desc. node	-1450 Oct 13 j 09:17	7° \mathfrak{L} 33'30	
minimum elong	-1451 Nov 03 j 01:06	28° \mathfrak{L} 40'14	0°48'19	max. Earth dist.	-1450 Oct 15 j 21:33	11° \mathfrak{L} 31'25	1.44874 AU
	-1451 Nov 03 j 21:20	0° \mathfrak{M}			-1450 Oct 27 j 16:32	0° \mathfrak{M}	
evening rise	-1451 Nov 18 j 17:20	23° \mathfrak{M} 41'39		evening rise	-1450 Oct 29 j 19:58	3° \mathfrak{M} 20'55	
	-1451 Nov 22 j 14:38	0° \mathfrak{X}		greatest brilliancy	-1450 Nov 10 j 05:44	21° \mathfrak{M} 03'32	-0.7m
evening max el	-1451 Dec 09 j 11:22	24° \mathfrak{X} 44'45	18°44'38		-1450 Nov 16 j 06:50	0° \mathfrak{X}	
asc. node	-1451 Dec 12 j 19:25	27° \mathfrak{X} 29'25		evening max el	-1450 Nov 22 j 19:34	8° \mathfrak{X} 11'16	19°29'04
retrograde	-1451 Dec 16 j 04:49	28° \mathfrak{X} 31'33		asc. node	-1450 Nov 29 j 16:29	12° \mathfrak{X} 21'58	
evening set	-1451 Dec 19 j 07:43	27° \mathfrak{X} 36'08		retrograde	-1450 Nov 30 j 01:17	12° \mathfrak{X} 22'44	
inferior conj	-1451 Dec 25 j 02:43	21° \mathfrak{X} 55'21	3°23'58	evening set	-1450 Dec 03 j 11:07	11° \mathfrak{X} 14'44	
minimum elong	-1451 Dec 24 j 24:00	22° \mathfrak{X} 03'37	3°23'23	inferior conj	-1450 Dec 09 j 00:50	5° \mathfrak{X} 19'14	2°49'52
min. Earth dist.	-1451 Dec 26 j 21:21	19° \mathfrak{X} 46'08	0.65067 AU	minimum elong	-1450 Dec 08 j 21:55	5° \mathfrak{X} 28'42	2°49'00
morning rise	-1451 Dec 30 j 15:56	15° \mathfrak{X} 47'59		min. Earth dist.	-1450 Dec 10 j 05:24	3° \mathfrak{X} 46'35	0.66221 AU
direct	-1450 Jan 06 j 08:54	12° \mathfrak{X} 56'07			-1450 Dec 13 j 10:29	30° \mathfrak{R} \mathfrak{M}	
morning max el	-1450 Jan 19 j 13:52	20° \mathfrak{X} 36'33	27°00'11	morning rise	-1450 Dec 14 j 08:28	29° \mathfrak{M} 07'27	
desc. node	-1450 Jan 22 j 11:27	23° \mathfrak{X} 40'48		direct	-1450 Dec 20 j 13:22	26° \mathfrak{M} 23'18	
	-1450 Jan 27 j 17:25	0° \mathfrak{Z}			-1450 Dec 28 j 19:51	0° \mathfrak{X}	
	-1450 Feb 16 j 10:31	0° \approx		morning max el	-1449 Jan 01 j 23:19	3° \mathfrak{X} 43'45	25°55'53
morning set	-1450 Feb 24 j 06:27	14° \approx 21'52		desc. node	-1449 Jan 09 j 08:30	12° \mathfrak{X} 09'57	
max. Earth dist.	-1450 Feb 28 j 19:08	23° \approx 19'04	1.34222 AU		-1449 Jan 22 j 01:28	0° \mathfrak{Z}	
	-1450 Mar 04 j 01:08	0° \mathfrak{X}		morning set	-1449 Feb 07 j 05:08	27° \mathfrak{Z} 12'59	
					-1449 Feb 08 j 17:02	0° \approx	
superior conj	-1450 Mar 04 j 14:11	1° \mathfrak{X} 08'04	-1°01'11	max. Earth dist.	-1449 Feb 11 j 03:00	4° \approx 35'28	1.35688 AU
minimum elong	-1450 Mar 04 j 16:57	1° \mathfrak{X} 22'36	1°00'42				
asc. node	-1450 Mar 10 j 18:48	14° \mathfrak{X} 11'32		superior conj	-1449 Feb 16 j 09:39	15° \approx 01'06	-1°24'49
evening rise	-1450 Mar 12 j 00:21	16° \mathfrak{X} 46'07		minimum elong	-1449 Feb 16 j 13:10	15° \approx 18'49	1°24'21
	-1450 Mar 18 j 16:43	0° \mathfrak{Y}			-1449 Feb 23 j 16:58	0° \mathfrak{X}	
evening max el	-1450 Apr 01 j 04:33	19° \mathfrak{Y} 14'24	21°33'21	evening rise	-1449 Feb 24 j 07:02	1° \mathfrak{X} 11'57	
retrograde	-1450 Apr 13 j 09:12	25° \mathfrak{Y} 09'36		asc. node	-1449 Feb 25 j 15:49	3° \mathfrak{X} 58'28	
evening set	-1450 Apr 15 j 20:51	24° \mathfrak{Y} 55'35			-1449 Mar 13 j 21:47	0° \mathfrak{Y}	
desc. node	-1450 Apr 20 j 10:34	23° \mathfrak{Y} 25'19		evening max el	-1449 Mar 14 j 11:01	0° \mathfrak{Y} 32'28	20°14'17
inferior conj	-1450 Apr 25 j 06:04	20° \mathfrak{Y} 53'49	-1°21'13	retrograde	-1449 Mar 24 j 23:46	5° \mathfrak{Y} 34'35	
minimum elong	-1450 Apr 25 j 02:17	20° \mathfrak{Y} 59'07	1°19'54	evening set	-1449 Mar 27 j 03:52	5° \mathfrak{Y} 22'40	
min. Earth dist.	-1450 Apr 25 j 07:07	20° \mathfrak{Y} 52'20	0.55057 AU	inferior conj	-1449 Apr 05 j 02:50	1° \mathfrak{Y} 24'04	0°37'06
morning rise	-1450 May 04 j 08:22	16° \mathfrak{Y} 54'05		minimum elong	-1449 Apr 05 j 04:29	1° \mathfrak{Y} 21'36	0°36'32
direct	-1450 May 07 j 07:46	16° \mathfrak{Y} 34'42		min. Earth dist.	-1449 Apr 06 j 21:15	0° \mathfrak{Y} 21'06	0.55405 AU
morning max el	-1450 May 19 j 17:59	22° \mathfrak{Y} 27'46	21°59'05	desc. node	-1449 Apr 07 j 07:37	0° \mathfrak{Y} 05'57	
	-1450 May 26 j 06:33	0° \mathfrak{Z}			-1449 Apr 07 j 11:44	30° \mathfrak{R} \mathfrak{X}	
asc. node	-1450 Jun 06 j 18:08	19° \mathfrak{Z} 35'33		morning rise	-1449 Apr 14 j 03:17	27° \mathfrak{X} 01'09	
morning set	-1450 Jun 09 j 20:14	25° \mathfrak{Z} 53'01		direct	-1449 Apr 17 j 21:11	26° \mathfrak{X} 30'29	
	-1450 Jun 11 j 19:25	0° Π			-1449 Apr 27 j 14:45	0° \mathfrak{Y}	
				morning max el	-1449 May 01 j 12:16	3° \mathfrak{Y} 13'06	23°38'03
superior conj	-1450 Jun 17 j 03:06	11° Π 14'30	1°30'16		-1449 May 19 j 22:37	0° \mathfrak{Z}	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

asc. node	-1449 May 24 j 15:11	9°8'24"04		asc. node	-1448 May 10 j 12:13	29°9'25"17	
morning set	-1449 May 25 j 07:49	10°8'50"57			-1448 May 10 j 18:42	0°8'	
superior conj	-1449 Jun 01 j 09:48	26°8'01"30	1°13'39"	superior conj	-1448 May 15 j 19:52	10°8'58"21	0°53'25"
minimum elong	-1449 Jun 01 j 07:16	25°8'47"57	1°13'18"	minimum elong	-1448 May 15 j 17:45	10°8'46"52	0°53'03"
	-1449 Jun 03 j 06:25	0°II		max. Earth dist.	-1448 May 16 j 21:55	13°8'20"06	1.32837 AU
max. Earth dist.	-1449 Jun 03 j 13:36	0°II38'05"	1.33557 AU	evening rise	-1448 May 22 j 23:38	26°8'13"18	
evening rise	-1449 Jun 08 j 22:03	11°II41'21"			-1448 May 24 j 20:21	0°II	
	-1449 Jun 18 j 17:36	0°☾			-1448 Jun 11 j 04:44	0°☾	
desc. node	-1449 Jul 04 j 06:55	23°☾26'11"		desc. node	-1448 Jun 20 j 03:57	11°☾35'36"	
	-1449 Jul 09 j 20:27	0°♂		evening max el	-1448 Jun 23 j 23:55	15°☾34'44"	27°17'38"
evening max el	-1449 Jul 12 j 15:46	2°♂51'14"	27°23'56"	retrograde	-1448 Jul 07 j 20:27	22°☾54'13"	
retrograde	-1449 Jul 26 j 06:17	10°♂12'49"		evening set	-1448 Jul 14 j 23:34	20°☾29'47"	
evening set	-1449 Aug 02 j 10:00	7°♂30'20"		min. Earth dist.	-1448 Jul 18 j 13:42	17°☾38'44"	0.62159 AU
min. Earth dist.	-1449 Aug 06 j 01:26	4°♂13'03"	0.63933 AU	inferior conj	-1448 Jul 21 j 13:57	14°☾50'40"	-4°10'40"
inferior conj	-1449 Aug 08 j 13:19	1°♂36'23"	-3°32'11"	minimum elong	-1448 Jul 21 j 17:49	14°☾41'39"	4°10'01"
minimum elong	-1449 Aug 08 j 17:43	1°♂24'49"	3°31'01"	morning rise	-1448 Jul 28 j 13:25	9°☾48'47"	
	-1449 Aug 10 j 02:52	30°♂☾		direct	-1448 Jul 31 j 02:03	9°☾20'39"	
morning rise	-1449 Aug 15 j 02:21	26°☾15'02"		asc. node	-1448 Aug 06 j 11:27	12°☾23'45"	
direct	-1449 Aug 17 j 17:28	25°☾40'25"		morning max el	-1448 Aug 06 j 21:07	12°☾46'49"	17°55'39"
asc. node	-1449 Aug 20 j 14:23	26°☾22'01"			-1448 Aug 18 j 12:33	0°♂	
morning max el	-1449 Aug 24 j 06:20	29°☾06'44"	17°57'46"	morning set	-1448 Aug 23 j 00:28	8°♂03'39"	
	-1449 Aug 25 j 02:41	0°♂					
morning set	-1449 Sep 10 j 08:39	25°♂22'00"		superior conj	-1448 Sep 02 j 22:43	27°♂23'47"	1°19'24"
	-1449 Sep 13 j 01:27	0°♂		minimum elong	-1448 Sep 03 j 03:46	27°♂45'26"	1°18'54"
					-1448 Sep 04 j 11:20	0°♂	
superior conj	-1449 Sep 23 j 02:00	16°♂46'48"	0°45'50"	max. Earth dist.	-1448 Sep 10 j 03:42	9°♂28'01"	1.42842 AU
minimum elong	-1449 Sep 23 j 06:38	17°♂05'44"	0°45'14"	desc. node	-1448 Sep 16 j 03:21	19°♂04'53"	
max. Earth dist.	-1449 Sep 28 j 14:35	25°♂42'01"	1.44169 AU	evening rise	-1448 Sep 17 j 12:40	21°♂15'52"	
desc. node	-1449 Sep 30 j 06:19	28°♂20'00"			-1448 Sep 23 j 04:27	0°♂	
	-1449 Oct 01 j 07:36	0°♂			-1448 Oct 14 j 08:06	0°♂	
evening rise	-1449 Oct 09 j 05:01	12°♂18'29"		evening max el	-1448 Oct 18 j 20:05	5°♂06'42"	21°39'25"
	-1449 Oct 20 j 20:34	0°♂		retrograde	-1448 Oct 27 j 19:24	10°♂26'31"	
evening max el	-1449 Nov 05 j 22:46	21°♂39'00"	20°28'19"	evening set	-1448 Nov 01 j 01:27	8°♂46'44"	
retrograde	-1449 Nov 13 j 22:49	26°♂22'08"		asc. node	-1448 Nov 02 j 10:37	7°♂31'02"	
asc. node	-1449 Nov 16 j 13:33	25°♂42'56"		inferior conj	-1448 Nov 06 j 09:53	2°♂31'36"	1°20'12"
evening set	-1449 Nov 17 j 17:40	24°♂59'22"		minimum elong	-1448 Nov 06 j 08:08	2°♂37'40"	1°19'28"
inferior conj	-1449 Nov 23 j 03:57	18°♂52'22"	2°07'54"	min. Earth dist.	-1448 Nov 06 j 14:44	2°♂14'52"	0.67456 AU
minimum elong	-1449 Nov 23 j 01:24	19°♂00'59"	2°06'58"		-1448 Nov 08 j 06:35	30°♂♂	
min. Earth dist.	-1449 Nov 23 j 20:00	17°♂58'00"	0.67011 AU	morning rise	-1448 Nov 11 j 14:38	26°♂18'00"	
morning rise	-1449 Nov 28 j 08:55	12°♂38'29"		direct	-1448 Nov 16 j 13:45	24°♂11'39"	
direct	-1449 Dec 03 j 23:17	10°♂10'51"			-1448 Nov 26 j 11:38	0°♂	
morning max el	-1449 Dec 15 j 07:46	16°♂57'02"	24°35'04"	morning max el	-1448 Nov 26 j 17:06	0°♂13'44"	23°07'53"
	-1449 Dec 26 j 04:49	0°♂		desc. node	-1448 Dec 13 j 02:38	21°♂09'04"	
desc. node	-1449 Dec 27 j 05:35	1°♂23'44"			-1448 Dec 19 j 02:25	0°♂	
	-1448 Jan 15 j 01:37	0°♂		morning set	-1448 Dec 31 j 09:23	19°♂30'57"	
morning set	-1448 Jan 20 j 08:12	9°♂01'22"		max. Earth dist.	-1447 Jan 04 j 20:03	27°♂03'38"	1.39651 AU
max. Earth dist.	-1448 Jan 24 j 00:45	15°♂37'21"	1.37558 AU		-1447 Jan 06 j 12:33	0°♂	
superior conj	-1448 Jan 30 j 18:31	28°♂17'58"	-1°44'21"	superior conj	-1447 Jan 12 j 12:31	10°♂47'35"	-1°56'53"
minimum elong	-1448 Jan 30 j 21:56	28°♂34'29"	1°44'03"	minimum elong	-1447 Jan 12 j 14:26	10°♂56'23"	1°56'50"
	-1448 Jan 31 j 15:31	0°♂		evening rise	-1447 Jan 22 j 00:23	28°♂46'58"	
evening rise	-1448 Feb 08 j 07:57	15°♂14'30"			-1447 Jan 22 j 15:37	0°♂	
asc. node	-1448 Feb 12 j 12:52	23°♂26'58"		asc. node	-1447 Jan 29 j 09:54	12°♂30'38"	
	-1448 Feb 16 j 03:10	0°♂		evening max el	-1447 Feb 07 j 07:03	24°♂57'29"	18°32'09"
evening max el	-1448 Feb 25 j 04:31	12°♂28'22"	19°13'18"	retrograde	-1447 Feb 14 j 22:17	28°♂41'32"	
retrograde	-1448 Mar 05 j 01:43	16°♂43'40"		evening set	-1447 Feb 17 j 09:21	28°♂19'33"	
evening set	-1448 Mar 07 j 08:12	16°♂28'13"		inferior conj	-1447 Feb 24 j 20:31	23°♂49'50"	3°20'20"
inferior conj	-1448 Mar 15 j 13:29	12°♂18'01"	2°16'21"	minimum elong	-1447 Feb 25 j 00:16	23°♂42'25"	3°19'38"
minimum elong	-1448 Mar 15 j 18:00	12°♂10'23"	2°15'03"	min. Earth dist.	-1447 Feb 28 j 06:22	21°♂09'54"	0.58438 AU
min. Earth dist.	-1448 Mar 18 j 12:30	10°♂18'51"	0.56626 AU	morning rise	-1447 Mar 04 j 12:41	18°♂27'04"	
morning rise	-1448 Mar 24 j 00:55	7°♂23'29"		direct	-1447 Mar 10 j 12:36	16°♂55'34"	
desc. node	-1448 Mar 24 j 04:41	7°♂20'03"		desc. node	-1447 Mar 11 j 01:44	16°♂56'19"	
direct	-1448 Mar 28 j 22:21	6°♂27'56"		morning max el	-1447 Mar 24 j 20:08	24°♂30'41"	26°37'29"
morning max el	-1448 Apr 12 j 02:57	13°♂44'29"	25°15'53"		-1447 Mar 29 j 20:43	0°♂	
	-1448 Apr 24 j 21:09	0°♂			-1447 Apr 17 j 22:03	0°♂	
morning set	-1448 May 08 j 19:49	25°♂50'46"		morning set	-1447 Apr 23 j 06:37	10°♂46'55"	

































































































































Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

asc. node	-1447 Apr 27 j 09:15	19° Υ 34'32		morning set	-1446 Apr 07 j 14:22	25° Υ 31'43	
					-1446 Apr 09 j 17:37	0° Υ	
superior conj	-1447 Apr 30 j 07:30	25° Υ 58'49	0°30'28	max. Earth dist.	-1446 Apr 13 j 23:19	9° Υ 08'28	1.32461 AU
minimum elong	-1447 Apr 30 j 06:11	25° Υ 51'37	0°30'13	asc. node	-1446 Apr 14 j 06:16	9° Υ 46'25	
max. Earth dist.	-1447 Apr 30 j 10:29	26° Υ 15'12	1.32475 AU				
	-1447 May 02 j 03:31	0° \mathcal{B}		superior conj	-1446 Apr 14 j 18:56	10° Υ 55'44	0°05'36
evening rise	-1447 May 07 j 06:47	11° \mathcal{B} 01'15		minimum elong	-1446 Apr 14 j 18:41	10° Υ 54'21	0°05'32
	-1447 May 17 j 02:18	0° Π		behind sun begin	-1446 Apr 14 j 13:57	10° Υ 28'24	
evening max el	-1447 Jun 06 j 02:38	27° Π 37'47	26°38'12	behind sun end	-1446 Apr 14 j 23:26	11° Υ 20'19	
desc. node	-1447 Jun 07 j 00:57	28° Π 29'39		evening rise	-1446 Apr 21 j 17:08	25° Υ 56'01	
	-1447 Jun 08 j 19:05	0° \mathcal{B}			-1446 Apr 23 j 16:00	0° \mathcal{B}	
retrograde	-1447 Jun 20 j 02:44	4° \mathcal{B} 53'59			-1446 May 11 j 04:40	0° Π	
evening set	-1447 Jun 26 j 18:21	3° \mathcal{B} 00'37		evening max el	-1446 May 18 j 22:26	8° Π 55'40	25°29'01
min. Earth dist.	-1447 Jun 30 j 15:58	0° \mathcal{B} 21'39	0.60158 AU	desc. node	-1446 May 24 j 21:57	13° Π 37'07	
	-1447 Jul 01 j 02:59	30° \mathcal{R} Π		retrograde	-1446 Jun 01 j 23:38	16° Π 06'53	
inferior conj	-1447 Jul 03 j 23:59	27° Π 39'12	-4°33'20	evening set	-1446 Jun 07 j 14:51	14° Π 52'10	
minimum elong	-1447 Jul 04 j 01:37	27° Π 35'52	4°33'13	min. Earth dist.	-1446 Jun 12 j 10:26	12° Π 07'33	0.58128 AU
morning rise	-1447 Jul 11 j 10:49	22° Π 59'15		inferior conj	-1446 Jun 15 j 15:48	9° Π 51'34	-4°30'17
direct	-1447 Jul 13 j 22:58	22° Π 35'45		minimum elong	-1446 Jun 15 j 13:29	9° Π 55'41	4°30'05
morning max el	-1447 Jul 21 j 08:30	26° Π 11'19	18°12'46	morning rise	-1446 Jun 23 j 14:50	5° Π 33'51	
asc. node	-1447 Jul 24 j 08:31	29° Π 34'10		direct	-1446 Jun 26 j 03:36	5° Π 13'56	
	-1447 Jul 24 j 16:27	0° \mathcal{B}		morning max el	-1446 Jul 04 j 13:32	9° Π 11'11	18°50'13
morning set	-1447 Aug 06 j 07:44	21° \mathcal{B} 30'31		asc. node	-1446 Jul 11 j 05:33	17° Π 38'08	
	-1447 Aug 10 j 20:04	0° Ω			-1446 Jul 18 j 05:46	0° \mathcal{B}	
				morning set	-1446 Jul 21 j 02:05	5° \mathcal{B} 30'48	
superior conj	-1447 Aug 15 j 21:20	9° Ω 17'57	1°39'24				
minimum elong	-1447 Aug 16 j 00:26	9° Ω 31'56	1°39'13	superior conj	-1446 Jul 29 j 16:23	22° \mathcal{B} 14'01	1°47'32
max. Earth dist.	-1447 Aug 23 j 11:29	22° Ω 35'57	1.41068 AU	minimum elong	-1446 Jul 29 j 17:09	22° \mathcal{B} 17'37	1°47'32
	-1447 Aug 27 j 22:03	0° \mathcal{M}			-1446 Aug 02 j 20:14	0° Ω	
evening rise	-1447 Aug 28 j 12:40	0° \mathcal{M} 59'39		max. Earth dist.	-1446 Aug 05 j 14:34	4° Ω 59'29	1.39081 AU
desc. node	-1447 Sep 03 j 00:21	9° \mathcal{M} 44'44		evening rise	-1446 Aug 09 j 13:31	11° Ω 54'09	
	-1447 Sep 16 j 15:43	0° \mathcal{A}		desc. node	-1446 Aug 20 j 21:20	0° \mathcal{M} 15'35	
evening max el	-1447 Oct 01 j 11:57	18° \mathcal{A} 35'03	22°57'58		-1446 Aug 20 j 17:17	0° \mathcal{M}	
retrograde	-1447 Oct 11 j 13:35	24° \mathcal{A} 33'15			-1446 Sep 11 j 23:40	0° \mathcal{A}	
evening set	-1447 Oct 16 j 08:44	22° \mathcal{A} 34'59		evening max el	-1446 Sep 14 j 00:10	2° \mathcal{A} 05'51	24°18'09
asc. node	-1447 Oct 20 j 07:40	18° \mathcal{A} 08'14		retrograde	-1446 Sep 25 j 04:19	8° \mathcal{A} 39'11	
inferior conj	-1447 Oct 21 j 16:48	16° \mathcal{A} 15'10	0°28'30	evening set	-1446 Sep 30 j 13:51	6° \mathcal{A} 22'25	
minimum elong	-1447 Oct 21 j 16:08	16° \mathcal{A} 17'28	0°28'12	inferior conj	-1446 Oct 05 j 23:00	0° \mathcal{A} 01'38	-0°25'38
min. Earth dist.	-1447 Oct 21 j 11:10	16° \mathcal{A} 34'34	0.67577 AU	minimum elong	-1446 Oct 05 j 23:37	29° \mathcal{M} 59'33	0°25'22
morning rise	-1447 Oct 26 j 23:26	10° \mathcal{A} 04'16		min. Earth dist.	-1446 Oct 05 j 07:00	0° \mathcal{A} 55'29	0.67383 AU
direct	-1447 Oct 31 j 07:54	8° \mathcal{A} 20'24			-1446 Oct 05 j 23:29	30° \mathcal{R} \mathcal{M}	
morning max el	-1447 Nov 09 j 06:53	13° \mathcal{A} 37'06	21°43'08	asc. node	-1446 Oct 07 j 04:43	28° \mathcal{M} 22'45	
	-1447 Nov 22 j 05:55	0° \mathcal{M}		morning rise	-1446 Oct 11 j 09:24	23° \mathcal{M} 56'03	
desc. node	-1447 Nov 29 j 23:41	11° \mathcal{M} 16'51		direct	-1446 Oct 15 j 04:47	22° \mathcal{M} 33'06	
morning set	-1447 Dec 11 j 05:31	28° \mathcal{M} 37'08		morning max el	-1446 Oct 23 j 03:39	27° \mathcal{M} 10'06	20°27'24
	-1447 Dec 12 j 02:18	0° \mathcal{X}			-1446 Oct 25 j 17:23	0° \mathcal{A}	
max. Earth dist.	-1447 Dec 17 j 20:18	9° \mathcal{X} 21'41	1.41689 AU		-1446 Nov 15 j 18:25	0° \mathcal{M}	
				desc. node	-1446 Nov 16 j 20:42	1° \mathcal{M} 40'40	
superior conj	-1447 Dec 25 j 10:18	22° \mathcal{X} 16'07	-1°58'40	morning set	-1446 Nov 20 j 04:54	6° \mathcal{M} 49'56	
minimum elong	-1447 Dec 25 j 08:50	22° \mathcal{X} 09'43	1°58'40	max. Earth dist.	-1446 Nov 30 j 03:45	22° \mathcal{M} 32'15	1.43381 AU
	-1447 Dec 29 j 19:00	0° \mathcal{B}			-1446 Dec 04 j 17:49	0° \mathcal{X}	
evening rise	-1446 Jan 05 j 04:55	11° \mathcal{B} 41'18					
	-1446 Jan 15 j 15:05	0° \approx		superior conj	-1446 Dec 06 j 06:36	2° \mathcal{X} 31'52	-1°45'22
asc. node	-1446 Jan 16 j 06:56	1° \approx 00'59		minimum elong	-1446 Dec 06 j 00:41	2° \mathcal{X} 07'23	1°44'58
evening max el	-1446 Jan 21 j 15:43	7° \approx 50'59	18°10'58	evening rise	-1446 Dec 18 j 17:28	23° \mathcal{X} 49'24	
retrograde	-1446 Jan 28 j 12:38	11° \approx 19'41			-1446 Dec 22 j 06:10	0° \mathcal{B}	
evening set	-1446 Jan 31 j 03:47	10° \approx 49'46		asc. node	-1445 Jan 03 j 03:58	18° \mathcal{B} 48'12	
inferior conj	-1446 Feb 06 j 23:39	5° \approx 58'40	3°50'17	evening max el	-1445 Jan 05 j 03:40	21° \mathcal{B} 01'32	18°09'25
minimum elong	-1446 Feb 07 j 01:03	5° \approx 55'29	3°50'11	retrograde	-1445 Jan 11 j 16:37	24° \mathcal{B} 28'30	
min. Earth dist.	-1446 Feb 10 j 05:54	3° \approx 00'54	0.60497 AU	evening set	-1445 Jan 14 j 11:38	23° \mathcal{B} 49'43	
morning rise	-1446 Feb 13 j 20:37	0° \approx 15'46		inferior conj	-1445 Jan 20 j 19:38	18° \mathcal{B} 37'57	3°53'57
	-1446 Feb 14 j 06:55	30° \mathcal{R} \mathcal{B}		minimum elong	-1445 Jan 20 j 18:47	18° \mathcal{B} 40'10	3°53'54
direct	-1446 Feb 20 j 14:17	28° \mathcal{B} 06'45		min. Earth dist.	-1445 Jan 23 j 14:03	15° \mathcal{B} 45'58	0.62497 AU
desc. node	-1446 Feb 25 j 22:47	29° \mathcal{B} 21'32		morning rise	-1445 Jan 27 j 00:56	12° \mathcal{B} 42'16	
	-1446 Feb 27 j 05:48	0° \approx		direct	-1445 Feb 03 j 01:29	10° \mathcal{B} 04'42	
morning max el	-1446 Mar 06 j 19:25	5° \approx 52'05	27°29'42	desc. node	-1445 Feb 12 j 19:51	14° \mathcal{B} 11'46	
	-1446 Mar 24 j 20:55	0° \mathcal{X}		morning max el	-1445 Feb 17 j 00:36	17° \mathcal{B} 54'33	27°45'39

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1445 Feb 27 j 04:31	0°♊				-1444 Feb 21 j 04:48	0°♊		
	-1445 Mar 17 j 14:40	0°♋		morning set		-1444 Mar 05 j 11:42	23°♊56'38		
morning set	-1445 Mar 22 j 16:57	9°♋57'59				-1444 Mar 08 j 12:18	0°♋		
max. Earth dist.	-1445 Mar 28 j 08:26	21°♋45'41	1.32817 AU	max. Earth dist.		-1444 Mar 10 j 09:54	3°♋54'31	1.33580 AU	
superior conj	-1445 Mar 30 j 04:35	25°♋43'34	-0°20'25	superior conj		-1444 Mar 13 j 10:34	10°♋16'09	-0°46'33	
minimum elong	-1445 Mar 30 j 05:32	25°♋48'44	0°20'14	minimum elong		-1444 Mar 13 j 12:44	10°♋27'38	0°46'08	
asc. node	-1445 Apr 01 j 03:18	29°♋57'02		asc. node		-1444 Mar 18 j 00:21	20°♋02'18		
	-1445 Apr 01 j 03:51	0°♌		evening rise		-1444 Mar 20 j 16:07	25°♋40'00		
evening rise	-1445 Apr 06 j 04:51	10°♌51'02				-1444 Mar 22 j 18:18	0°♌		
	-1445 Apr 16 j 01:46	0°♍				-1444 Apr 10 j 22:25	0°♍		
evening max el	-1445 Apr 30 j 13:41	19°♍40'41	23°59'58	evening max el		-1444 Apr 11 j 06:29	0°♍19'38	22°25'14	
desc. node	-1445 May 11 j 18:59	26°♍21'29		retrograde		-1444 Apr 24 j 05:52	6°♍41'33		
retrograde	-1445 May 14 j 09:07	26°♍36'49		evening set		-1444 Apr 27 j 04:44	6°♍22'23		
evening set	-1445 May 18 j 14:38	25°♍57'03		desc. node		-1444 Apr 27 j 16:01	6°♍15'57		
min. Earth dist.	-1445 May 25 j 00:57	22°♍51'38	0.56387 AU	min. Earth dist.		-1444 May 05 j 14:23	2°♍44'47	0.55291 AU	
inferior conj	-1445 May 27 j 11:28	21°♍21'20	-3°49'38	inferior conj		-1444 May 06 j 13:41	2°♍11'44	-2°25'26	
minimum elong	-1445 May 27 j 05:21	21°♍30'51	3°48'23	minimum elong		-1444 May 06 j 07:34	2°♍20'25	2°23'32	
morning rise	-1445 Jun 04 j 23:03	17°♍20'49				-1444 May 10 j 15:43	30°♌♌		
direct	-1445 Jun 07 j 13:00	17°♍03'28		morning rise		-1444 May 15 j 12:10	28°♌16'25		
morning max el	-1445 Jun 17 j 09:30	21°♍37'12	19°48'27	direct		-1444 May 18 j 06:11	27°♌59'05		
	-1445 Jun 24 j 05:19	0°♍				-1444 May 25 j 07:18	0°♍		
asc. node	-1445 Jun 28 j 02:36	6°♍23'14		morning max el		-1444 May 29 j 18:35	3°♍22'01	21°06'33	
morning set	-1445 Jul 05 j 04:15	19°♍55'58		asc. node		-1444 Jun 13 j 23:40	25°♍39'34		
	-1445 Jul 10 j 03:23	0°♎				-1444 Jun 16 j 04:43	0°♍		
				morning set		-1444 Jun 18 j 11:43	4°♍39'30		
superior conj	-1445 Jul 13 j 02:22	5°♎56'11	1°46'15	superior conj		-1444 Jun 25 j 22:58	20°♍11'55	1°37'45	
minimum elong	-1445 Jul 13 j 01:19	5°♎50'54	1°46'15	minimum elong		-1444 Jun 25 j 20:49	20°♍00'51	1°37'36	
max. Earth dist.	-1445 Jul 18 j 17:44	16°♎51'51	1.37148 AU	max. Earth dist.		-1444 Jun 30 j 03:40	28°♍42'16	1.35471 AU	
evening rise	-1445 Jul 22 j 14:33	23°♎59'22				-1444 Jun 30 j 19:23	0°♎		
	-1445 Jul 26 j 00:11	0°♏		evening rise		-1444 Jul 04 j 11:07	7°♎03'35		
desc. node	-1445 Aug 07 j 18:20	20°♏32'14				-1444 Jul 17 j 16:38	0°♏		
	-1445 Aug 14 j 09:14	0°♐		desc. node		-1444 Jul 24 j 15:21	10°♏28'20		
evening max el	-1445 Aug 27 j 11:17	15°♐39'50	25°32'42	evening max el		-1444 Aug 08 j 22:57	29°♏14'20	26°33'36	
retrograde	-1445 Sep 08 j 14:42	22°♐39'16				-1444 Aug 09 j 18:12	0°♐		
evening set	-1445 Sep 14 j 14:58	20°♐06'25		retrograde		-1444 Aug 21 j 20:05	6°♐28'29		
min. Earth dist.	-1445 Sep 18 j 23:49	15°♐15'12	0.66873 AU	evening set		-1444 Aug 28 j 09:59	3°♐44'40		
inferior conj	-1445 Sep 20 j 02:43	13°♐48'31	-1°20'39			-1444 Sep 01 j 01:23	30°♏♏		
minimum elong	-1445 Sep 20 j 04:42	13°♐42'07	1°19'49	min. Earth dist.		-1444 Sep 01 j 11:14	29°♏30'55	0.66027 AU	
asc. node	-1445 Sep 24 j 01:48	9°♐12'20		inferior conj		-1444 Sep 03 j 02:05	27°♏33'32	-2°14'41	
morning rise	-1445 Sep 25 j 18:36	7°♐51'04		minimum elong		-1444 Sep 03 j 05:21	27°♏23'41	2°13'28	
direct	-1445 Sep 29 j 03:04	6°♐46'02		morning rise		-1444 Sep 09 j 01:04	21°♏47'24		
morning max el	-1445 Oct 06 j 07:49	10°♐51'47	19°24'45	asc. node		-1444 Sep 09 j 22:52	21°♏21'23		
	-1445 Oct 20 j 09:00	0°♑		direct		-1444 Sep 12 j 00:58	20°♏56'42		
morning set	-1445 Oct 30 j 05:55	15°♑14'59		morning max el		-1444 Sep 18 j 18:11	24°♏40'13	18°37'35	
desc. node	-1445 Nov 03 j 17:43	22°♑15'08				-1444 Sep 23 j 04:20	0°♑		
	-1445 Nov 08 j 16:28	0°♒		morning set		-1444 Oct 09 j 05:34	24°♑50'54		
max. Earth dist.	-1445 Nov 12 j 17:28	6°♒22'12	1.44516 AU			-1444 Oct 12 j 10:53	0°♑		
				desc. node		-1444 Oct 20 j 14:45	12°♑56'53		
superior conj	-1445 Nov 16 j 00:09	11°♒34'36	-1°14'13	superior conj		-1444 Oct 25 j 01:08	19°♑55'55	-0°28'28	
minimum elong	-1445 Nov 15 j 16:21	11°♒03'31	1°13'22	minimum elong		-1444 Oct 24 j 21:22	19°♑41'09	0°27'59	
	-1445 Nov 27 j 08:41	0°♓		max. Earth dist.		-1444 Oct 25 j 11:21	20°♑36'09	1.44962 AU	
evening rise	-1445 Nov 30 j 09:28	5°♓01'47				-1444 Oct 31 j 10:40	0°♒		
	-1445 Dec 16 j 00:49	0°♓		evening rise		-1444 Nov 10 j 01:39	15°♒14'02		
evening max el	-1445 Dec 19 j 16:06	4°♓21'56	18°26'43	greatest brilliancy		-1444 Nov 18 j 05:55	28°♒14'31	-0.8m	
asc. node	-1445 Dec 21 j 01:02	5°♓39'06				-1444 Nov 19 j 08:42	0°♓		
retrograde	-1445 Dec 26 j 05:42	7°♓58'28		evening max el		-1444 Dec 02 j 02:32	17°♓47'27	19°01'40	
evening set	-1445 Dec 29 j 05:22	7°♓09'36		asc. node		-1444 Dec 06 j 22:06	21°♓19'08		
inferior conj	-1444 Jan 04 j 04:24	1°♓38'59	3°38'53	retrograde		-1444 Dec 09 j 00:17	21°♓43'20		
minimum elong	-1444 Jan 04 j 02:07	1°♓45'34	3°38'31	evening set		-1444 Dec 12 j 05:58	20°♓42'45		
	-1444 Jan 05 j 14:35	30°♒♓		inferior conj		-1444 Dec 17 j 22:29	14°♓55'33	3°10'36	
min. Earth dist.	-1444 Jan 06 j 07:52	29°♓10'43	0.64234 AU	minimum elong		-1444 Dec 17 j 19:36	15°♓04'35	3°09'53	
morning rise	-1444 Jan 09 j 22:21	25°♓35'07		min. Earth dist.		-1444 Dec 19 j 11:00	13°♓01'26	0.65609 AU	
direct	-1444 Jan 16 j 20:17	22°♓43'54		morning rise		-1444 Dec 23 j 08:57	8°♓46'17		
	-1444 Jan 29 j 20:46	0°♓		direct		-1444 Dec 29 j 21:25	5°♓56'12		
morning max el	-1444 Jan 30 j 09:14	0°♓30'41	27°25'45						
desc. node	-1444 Jan 30 j 16:55	0°♓49'59							

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning max el	-1443 Jan 11 j 18:46	13°  29'15	26°35'26	morning max el	-1443 Dec 25 j 03:44	26°  39'51	25°23'02
desc. node	-1443 Jan 16 j 13:59	18°  45'19			-1443 Dec 28 j 06:28	0° 	
	-1443 Jan 25 j 04:58	0° 		desc. node	-1442 Jan 03 j 11:03	7°  35'19	
	-1443 Feb 12 j 20:42	0° 			-1442 Jan 18 j 19:44	0° 	
morning set	-1443 Feb 16 j 19:01	7°  16'12		morning set	-1442 Jan 30 j 10:08	19°  42'48	
max. Earth dist.	-1443 Feb 21 j 00:34	15°  28'37	1.34791 AU	max. Earth dist.	-1442 Feb 03 j 03:58	26°  37'07	1.36441 AU
					-1442 Feb 04 j 22:42	0° 	
superior conj	-1443 Feb 25 j 10:41	24°  26'10	-1°11'34	superior conj	-1442 Feb 09 j 02:08	8°  05'24	-1°33'45
minimum elong	-1443 Feb 25 j 13:50	24°  42'28	1°11'04	minimum elong	-1442 Feb 09 j 05:43	8°  23'18	1°33'20
	-1443 Feb 28 j 02:56	0° 			-1442 Feb 17 j 05:38	24°  33'49	
asc. node	-1443 Mar 04 j 21:24	9°  57'33		evening rise	-1442 Feb 19 j 18:28	29°  37'51	
evening rise	-1443 Mar 05 j 01:04	10°  16'26		asc. node	-1442 Feb 19 j 22:58	0° 	
	-1443 Mar 15 j 12:57	0° 			-1442 Mar 06 j 18:10	22°  52'48	19°45'57
evening max el	-1443 Mar 24 j 06:57	11°  18'36	20°57'46	evening max el	-1442 Mar 16 j 13:18	27°  33'49	
retrograde	-1443 Apr 04 j 18:59	16°  50'46		retrograde	-1442 Mar 18 j 17:50	27°  20'49	
evening set	-1443 Apr 07 j 01:54	16°  38'27		evening set	-1442 Mar 27 j 09:38	23°  18'15	1°22'58
desc. node	-1443 Apr 14 j 13:05	13°  40'56		inferior conj	-1442 Mar 27 j 12:59	23°  13'01	1°21'51
inferior conj	-1443 Apr 16 j 08:14	12°  40'27	-0°30'36	minimum elong	-1442 Mar 29 j 18:02	21°  50'35	0.55830 AU
minimum elong	-1443 Apr 17 j 03:49	12°  42'30	0°30'04	min. Earth dist.	-1442 Apr 01 j 10:08	20°  19'03	
min. Earth dist.	-1443 Apr 25 j 11:12	8°  33'00		desc. node	-1442 Apr 05 j 05:48	18°  42'31	
morning rise	-1443 Apr 28 j 17:22	8°  10'01		morning rise	-1442 Apr 09 j 10:41	18°  03'14	
direct	-1443 May 11 j 17:10	14°  25'07	22°40'23	direct	-1442 Apr 23 j 09:12	25°  01'37	24°20'41
morning max el	-1443 May 23 j 15:11	0° 		morning max el	-1442 Apr 27 j 23:40	0° 	
	-1443 May 31 j 20:43	15°  18'19			-1442 May 16 j 05:25	0° 	
asc. node	-1443 May 31 j 20:43	15°  18'19		morning set	-1442 May 18 j 10:19	4°  34'01	
morning set	-1443 Jun 02 j 22:20	19°  34'05		asc. node	-1442 May 18 j 17:47	5°  13'16	
	-1443 Jun 07 j 20:18	0° 					
superior conj	-1443 Jun 10 j 02:43	4°  49'51	1°23'44	superior conj	-1442 May 25 j 11:06	19°  42'04	1°05'28
minimum elong	-1443 Jun 10 j 00:10	4°  36'19	1°23'25	minimum elong	-1442 May 25 j 08:42	19°  29'06	1°05'05
max. Earth dist.	-1443 Jun 12 j 23:17	10°  50'05	1.34151 AU	max. Earth dist.	-1442 May 27 j 03:44	23°  21'03	1.33211 AU
evening rise	-1443 Jun 17 j 22:03	20°  51'08			-1442 May 30 j 07:02	0° 	
	-1443 Jun 22 j 17:30	0° 		evening rise	-1442 Jun 01 j 19:14	5°  09'50	
desc. node	-1443 Jul 11 j 12:23	29°  53'55			-1442 Jun 15 j 09:03	0° 	
	-1443 Jul 11 j 14:12	0° 		desc. node	-1442 Jun 28 j 09:23	18°  36'06	
evening max el	-1443 Jul 22 j 10:43	12°  38'43	27°13'16	evening max el	-1442 Jul 04 j 20:43	25°  40'14	27°25'03
retrograde	-1443 Aug 04 j 19:53	19°  58'37			-1442 Jul 10 j 03:47	0° 	
evening set	-1443 Aug 11 j 20:18	17°  12'22		retrograde	-1442 Jul 18 j 13:46	3°  00'51	
min. Earth dist.	-1443 Aug 15 j 14:47	13°  35'43	0.64812 AU	evening set	-1442 Jul 25 j 18:36	0°  24'04	
inferior conj	-1443 Aug 17 j 18:50	11°  11'29	-3°05'32		-1442 Jul 26 j 07:32	30°  09'50	
minimum elong	-1443 Aug 17 j 23:01	10°  59'51	3°04'15	min. Earth dist.	-1442 Jul 29 j 08:41	27°  19'38	0.63225 AU
morning rise	-1443 Aug 24 j 02:22	5°  40'09		inferior conj	-1442 Aug 01 j 02:13	24°  36'21	-3°49'57
direct	-1443 Aug 26 j 20:06	5°  00'26		minimum elong	-1442 Aug 01 j 06:34	24°  25'29	3°48'58
asc. node	-1443 Aug 27 j 19:56	5°  05'40		morning rise	-1442 Aug 07 j 19:36	19°  23'08	
morning max el	-1443 Sep 02 j 08:27	8°  30'17	18°07'15	direct	-1442 Aug 10 j 09:28	18°  51'30	
	-1443 Sep 16 j 21:58	0° 		asc. node	-1442 Aug 14 j 16:59	20°  21'03	
morning set	-1443 Sep 20 j 09:35	5°  50'02		morning max el	-1442 Aug 16 j 23:54	22°  16'18	17°54'35
					-1442 Aug 22 j 23:21	0° 	
superior conj	-1443 Oct 04 j 06:59	28°  36'35	0°20'45	morning set	-1442 Sep 02 j 13:59	17°  58'58	
minimum elong	-1443 Oct 04 j 09:28	28°  46'32	0°20'25		-1442 Sep 09 j 11:50	0° 	
	-1443 Oct 05 j 03:51	0° 					
desc. node	-1443 Oct 07 j 11:47	3°  42'28		superior conj	-1442 Sep 14 j 11:47	8°  26'48	1°01'46
max. Earth dist.	-1443 Oct 08 j 06:05	4°  54'55	1.44665 AU	minimum elong	-1442 Sep 14 j 17:02	8°  48'40	1°01'09
evening rise	-1443 Oct 20 j 19:26	24°  53'12		max. Earth dist.	-1442 Sep 20 j 22:02	18°  58'09	1.43672 AU
	-1443 Oct 24 j 08:17	0° 		desc. node	-1442 Sep 24 j 08:48	24°  28'30	
greatest brilliancy	-1443 Nov 03 j 00:54	14°  46'21	-0.7m		-1442 Sep 27 j 21:09	0° 	
	-1443 Nov 14 j 05:05	0° 		evening rise	-1442 Sep 30 j 01:28	3°  23'19	
evening max el	-1443 Nov 15 j 08:48	1°  14'46	19°52'39		-1442 Oct 17 j 20:52	0° 	
retrograde	-1443 Nov 22 j 21:26	5°  38'37		evening max el	-1442 Oct 29 j 09:24	14°  41'50	20°57'19
asc. node	-1443 Nov 23 j 19:08	5°  33'56		retrograde	-1442 Nov 06 j 18:52	19°  40'27	
evening set	-1443 Nov 26 j 10:58	4°  24'23		evening set	-1442 Nov 10 j 18:14	18°  10'32	
	-1443 Nov 30 j 17:28	30° 		asc. node	-1442 Nov 10 j 16:11	18°  14'24	
inferior conj	-1443 Dec 01 j 22:59	28°  23'32	2°32'52	inferior conj	-1442 Nov 16 j 03:31	11°  59'22	1°48'14
minimum elong	-1443 Dec 01 j 20:10	28°  32'52	2°31'57	minimum elong	-1442 Nov 16 j 01:15	12°  07'05	1°47'22
min. Earth dist.	-1443 Dec 02 j 21:58	27°  07'26	0.66601 AU	min. Earth dist.	-1442 Nov 16 j 14:35	11°  21'26	0.67236 AU
morning rise	-1443 Dec 07 j 05:11	22°  10'50		morning rise	-1442 Nov 21 j 08:07	5°  45'18	
direct	-1443 Dec 13 j 04:05	19°  33'07		direct	-1442 Nov 26 j 15:51	3°  26'40	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning max el	-1442 Dec 07 j 12:23	9° \mathbb{M} 55'08	23°58'17	direct	-1441 Nov 10 j 08:03	17° \mathbb{A} 31'33	
desc. node	-1442 Dec 21 j 08:06	27° \mathbb{M} 03'35		morning max el	-1441 Nov 19 j 23:13	23° \mathbb{A} 14'42	22°31'01
	-1442 Dec 23 j 09:56	0° \mathbb{A}			-1441 Nov 25 j 20:41	0° \mathbb{M}	
	-1441 Jan 11 j 13:03	0° \mathbb{B}		desc. node	-1441 Dec 08 j 05:09	16° \mathbb{M} 59'35	
morning set	-1441 Jan 12 j 02:52	0° \mathbb{B} 59'11			-1441 Dec 16 j 19:44	0° \mathbb{A}	
max. Earth dist.	-1441 Jan 15 j 23:53	7° \mathbb{B} 45'42	1.38432 AU	morning set	-1441 Dec 23 j 15:37	10° \mathbb{A} 52'37	
				max. Earth dist.	-1441 Dec 28 j 20:01	19° \mathbb{A} 29'46	1.40541 AU
					-1440 Jan 03 j 21:11	0° \mathbb{B}	
superior conj	-1441 Jan 23 j 05:10	21° \mathbb{B} 02'59	-1°50'43				
minimum elong	-1441 Jan 23 j 08:09	21° \mathbb{B} 17'10	1°50'32				
	-1441 Jan 27 j 20:30	0° \mathbb{A}		superior conj	-1440 Jan 05 j 15:11	3° \mathbb{B} 08'00	-1°59'13
evening rise	-1441 Feb 01 j 03:17	8° \mathbb{A} 24'15		minimum elong	-1440 Jan 05 j 15:54	3° \mathbb{B} 11'12	1°59'14
asc. node	-1441 Feb 06 j 15:30	18° \mathbb{A} 56'38		evening rise	-1440 Jan 15 j 15:04	21° \mathbb{B} 41'10	
	-1441 Feb 13 j 09:16	0° \mathbb{H}			-1440 Jan 20 j 01:57	0° \mathbb{A}	
evening max el	-1441 Feb 17 j 15:41	5° \mathbb{H} 02'54	18°53'20	asc. node	-1440 Jan 24 j 12:31	7° \mathbb{A} 47'08	
retrograde	-1441 Feb 25 j 23:02	9° \mathbb{H} 03'22		evening max el	-1440 Jan 31 j 21:11	17° \mathbb{A} 43'20	18°20'44
evening set	-1441 Feb 28 j 07:15	8° \mathbb{H} 45'32		retrograde	-1440 Feb 08 j 03:19	21° \mathbb{A} 18'52	
inferior conj	-1441 Mar 08 j 04:36	4° \mathbb{H} 27'31	2°47'59	evening set	-1440 Feb 10 j 16:07	20° \mathbb{A} 53'44	
minimum elong	-1441 Mar 08 j 09:08	4° \mathbb{H} 19'18	2°46'53	inferior conj	-1440 Feb 17 j 20:24	16° \mathbb{A} 15'19	3°36'45
min. Earth dist.	-1441 Mar 11 j 10:14	2° \mathbb{H} 08'27	0.57337 AU	minimum elong	-1440 Feb 17 j 23:14	16° \mathbb{A} 09'22	3°36'22
	-1441 Mar 14 j 21:59	30° \mathbb{R}		min. Earth dist.	-1440 Feb 21 j 06:21	13° \mathbb{A} 24'23	0.59305 AU
morning rise	-1441 Mar 16 j 08:08	29° \mathbb{A} 19'39		morning rise	-1440 Feb 25 j 04:05	10° \mathbb{A} 42'49	
desc. node	-1441 Mar 19 j 07:12	28° \mathbb{A} 24'11		direct	-1440 Mar 02 j 13:00	8° \mathbb{A} 54'25	
direct	-1441 Mar 21 j 17:14	28° \mathbb{A} 09'55		desc. node	-1440 Mar 05 j 04:15	9° \mathbb{A} 12'26	
	-1441 Mar 28 j 13:49	0° \mathbb{H}		morning max el	-1440 Mar 16 j 20:00	16° \mathbb{A} 35'27	27°03'49
morning max el	-1441 Apr 05 j 00:31	5° \mathbb{H} 36'29	25°53'31		-1440 Mar 27 j 20:35	0° \mathbb{H}	
	-1441 Apr 22 j 19:17	0° \mathbb{Y}			-1440 Apr 14 j 04:09	0° \mathbb{Y}	
morning set	-1441 May 02 j 22:01	19° \mathbb{Y} 33'03		morning set	-1440 Apr 16 j 07:42	4° \mathbb{Y} 24'49	
asc. node	-1441 May 05 j 14:49	25° \mathbb{Y} 18'33		asc. node	-1440 Apr 21 j 11:51	15° \mathbb{Y} 29'22	
	-1441 May 07 j 18:37	0° \mathbb{B}					
				superior conj	-1440 Apr 23 j 09:47	19° \mathbb{Y} 40'53	0°20'07
superior conj	-1441 May 09 j 22:03	4° \mathbb{B} 41'14	0°43'59	minimum elong	-1440 Apr 23 j 08:54	19° \mathbb{Y} 36'00	0°19'55
minimum elong	-1441 May 09 j 20:14	4° \mathbb{B} 31'21	0°43'39	max. Earth dist.	-1440 Apr 23 j 03:04	19° \mathbb{Y} 04'00	1.32419 AU
max. Earth dist.	-1441 May 10 j 14:10	6° \mathbb{B} 09'23	1.32635 AU		-1440 Apr 28 j 03:22	0° \mathbb{B}	
evening rise	-1441 May 16 j 23:27	19° \mathbb{B} 49'19		evening rise	-1440 Apr 30 j 08:11	4° \mathbb{B} 40'52	
	-1441 May 22 j 01:46	0° \mathbb{H}			-1440 May 13 j 20:45	0° \mathbb{H}	
	-1441 Jun 09 j 20:05	0° \mathbb{B}		evening max el	-1440 May 29 j 02:24	19° \mathbb{H} 50'49	26°12'07
desc. node	-1441 Jun 15 j 06:24	6° \mathbb{B} 16'49		desc. node	-1440 Jun 01 j 03:25	22° \mathbb{H} 30'02	
evening max el	-1441 Jun 17 j 02:35	8° \mathbb{B} 06'58	27°04'46	retrograde	-1440 Jun 12 j 03:56	27° \mathbb{H} 05'55	
retrograde	-1441 Jul 01 j 01:01	15° \mathbb{B} 25'59		evening set	-1440 Jun 18 j 10:24	25° \mathbb{H} 28'52	
evening set	-1441 Jul 08 j 00:47	13° \mathbb{B} 13'00		min. Earth dist.	-1440 Jun 22 j 15:21	22° \mathbb{H} 49'21	0.59273 AU
min. Earth dist.	-1441 Jul 11 j 16:30	10° \mathbb{B} 29'19	0.61326 AU	inferior conj	-1440 Jun 25 j 23:47	20° \mathbb{H} 15'31	-4°35'57
inferior conj	-1441 Jul 14 j 21:05	7° \mathbb{B} 40'53	-4°22'46	minimum elong	-1440 Jun 25 j 23:54	20° \mathbb{H} 15'17	4°35'55
minimum elong	-1441 Jul 15 j 00:14	7° \mathbb{B} 33'55	4°22'21	morning rise	-1440 Jul 03 j 15:43	15° \mathbb{H} 45'06	
morning rise	-1441 Jul 22 j 01:20	2° \mathbb{B} 48'27		direct	-1440 Jul 06 j 03:52	15° \mathbb{H} 23'20	
direct	-1441 Jul 24 j 13:27	2° \mathbb{B} 22'36		morning max el	-1440 Jul 13 j 22:45	19° \mathbb{H} 06'58	18°26'08
morning max el	-1441 Jul 31 j 13:41	5° \mathbb{B} 51'27	18°00'31	asc. node	-1440 Jul 18 j 11:06	24° \mathbb{H} 29'20	
asc. node	-1441 Aug 01 j 14:02	6° \mathbb{B} 54'13			-1440 Jul 22 j 00:24	0° \mathbb{B}	
	-1441 Aug 15 j 23:36	0° \mathbb{Q}		morning set	-1440 Jul 30 j 01:29	14° \mathbb{B} 44'13	
morning set	-1441 Aug 16 j 13:00	1° \mathbb{Q} 01'37			-1440 Aug 07 j 01:59	0° \mathbb{Q}	
superior conj	-1441 Aug 26 j 20:08	19° \mathbb{Q} 38'53	1°29'29	superior conj	-1440 Aug 08 j 04:10	2° \mathbb{Q} 01'30	1°44'09
minimum elong	-1441 Aug 27 j 00:30	19° \mathbb{Q} 58'01	1°29'06	minimum elong	-1440 Aug 08 j 06:15	2° \mathbb{Q} 11'06	1°44'04
	-1441 Sep 01 j 21:00	0° \mathbb{P}		max. Earth dist.	-1440 Aug 15 j 13:38	15° \mathbb{Q} 15'41	1.40233 AU
max. Earth dist.	-1441 Sep 03 j 08:32	2° \mathbb{P} 28'08	1.42124 AU	evening rise	-1440 Aug 20 j 00:32	22° \mathbb{Q} 49'05	
evening rise	-1441 Sep 09 j 14:17	12° \mathbb{P} 35'47			-1440 Aug 24 j 10:14	0° \mathbb{P}	
desc. node	-1441 Sep 11 j 05:47	15° \mathbb{P} 11'57		desc. node	-1440 Aug 28 j 02:47	5° \mathbb{P} 48'44	
	-1441 Sep 20 j 22:17	0° \mathbb{Q}			-1440 Sep 13 j 21:33	0° \mathbb{Q}	
evening max el	-1441 Oct 12 j 04:09	28° \mathbb{Q} 09'34	22°12'14	evening max el	-1440 Sep 23 j 18:16	11° \mathbb{Q} 39'18	23°32'20
	-1441 Oct 14 j 02:29	0° \mathbb{M}		retrograde	-1440 Oct 04 j 07:31	17° \mathbb{Q} 53'10	
retrograde	-1441 Oct 21 j 14:43	3° \mathbb{M} 46'29		evening set	-1440 Oct 09 j 08:34	15° \mathbb{Q} 47'13	
evening set	-1441 Oct 26 j 02:01	1° \mathbb{M} 59'04		asc. node	-1440 Oct 14 j 10:16	9° \mathbb{Q} 49'25	
	-1441 Oct 28 j 02:30	30° \mathbb{R}		inferior conj	-1440 Oct 14 j 16:56	9° \mathbb{Q} 26'37	0°05'45
asc. node	-1441 Oct 28 j 13:13	29° \mathbb{Q} 28'42		minimum elong	-1440 Oct 14 j 16:48	9° \mathbb{Q} 27'05	0°05'42
inferior conj	-1441 Oct 31 j 10:06	25° \mathbb{Q} 41'18	0°58'40	transit middle	-1440 Oct 14 j 16:48	9° \mathbb{Q} 27'05	0°05'42
minimum elong	-1441 Oct 31 j 08:46	25° \mathbb{Q} 45'53	0°58'06	transit begin	-1440 Oct 14 j 14:15	9° \mathbb{Q} 35'47	
min. Earth dist.	-1441 Oct 31 j 10:27	25° \mathbb{Q} 40'05	0.67541 AU	transit end	-1440 Oct 14 j 19:20	9° \mathbb{Q} 18'24	
morning rise	-1441 Nov 05 j 15:23	19° \mathbb{Q} 28'17		min. Earth dist.	-1440 Oct 14 j 07:01	10° \mathbb{Q} 00'34	0.67534 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning rise	-1440 Oct 20 j 00:56	3° Ω 17'25		evening set	-1439 Sep 23 j 12:13	29° Π 33'25	
direct	-1440 Oct 24 j 03:40	1° Ω 42'31		min. Earth dist.	-1439 Sep 28 j 01:50	24° Π 21'28	0.67216 AU
morning max el	-1440 Nov 01 j 15:36	6° Ω 41'24	21°09'23	inferior conj	-1439 Sep 28 j 22:19	23° Π 13'39	-0°48'56
	-1440 Nov 19 j 05:51	0° Π		minimum elong	-1439 Sep 28 j 23:30	23° Π 09'41	0°48'25
desc. node	-1440 Nov 24 j 02:10	7° Π 14'55		asc. node	-1439 Oct 01 j 07:21	20° Π 12'12	
morning set	-1440 Dec 02 j 00:51	19° Π 29'19		morning rise	-1439 Oct 04 j 10:51	17° Π 11'12	
	-1440 Dec 08 j 15:01	0° Σ		direct	-1439 Oct 08 j 01:25	15° Π 56'07	
max. Earth dist.	-1440 Dec 09 j 22:55	2° Σ 09'53	1.42469 AU	morning max el	-1439 Oct 15 j 15:33	20° Π 18'09	19°58'54
					-1439 Oct 23 j 11:05	0° Ω	
superior conj	-1440 Dec 17 j 02:42	14° Σ 07'05	-1°55'06	morning set	-1439 Nov 10 j 21:46	27° Ω 38'19	
minimum elong	-1440 Dec 16 j 23:20	13° Σ 52'45	1°55'00	desc. node	-1439 Nov 10 j 23:11	27° Ω 43'48	
	-1440 Dec 26 j 04:10	0° Σ			-1439 Nov 12 j 10:20	0° Π	
evening rise	-1440 Dec 28 j 13:17	4° Σ 16'38		max. Earth dist.	-1439 Nov 22 j 09:50	15° Π 41'16	1.43950 AU
asc. node	-1439 Jan 10 j 09:32	26° Σ 00'42					
	-1439 Jan 13 j 14:04	0° \approx		superior conj	-1439 Nov 27 j 11:16	23° Π 50'24	-1°34'19
evening max el	-1439 Jan 14 j 07:41	0° \approx 45'39	18°08'01	minimum elong	-1439 Nov 27 j 03:56	23° Π 20'37	1°33'41
retrograde	-1439 Jan 20 j 23:52	4° \approx 11'42			-1439 Dec 01 j 05:23	0° Σ	
evening set	-1439 Jan 23 j 16:45	3° \approx 38'00		evening rise	-1439 Dec 10 j 17:36	16° Σ 01'59	
	-1439 Jan 28 j 20:39	30° κ Σ			-1439 Dec 18 j 22:37	0° Σ	
inferior conj	-1439 Jan 30 j 07:11	28° Σ 38'04	3°54'33	asc. node	-1439 Dec 28 j 06:35	13° Σ 25'44	
minimum elong	-1439 Jan 30 j 07:33	28° Σ 37'11	3°54'31	evening max el	-1439 Dec 28 j 20:11	14° Σ 01'14	18°14'33
min. Earth dist.	-1439 Feb 02 j 09:08	25° Σ 40'10	0.61374 AU	retrograde	-1438 Jan 04 j 08:18	17° Σ 30'52	
morning rise	-1439 Feb 05 j 20:59	22° Σ 49'21		evening set	-1438 Jan 07 j 05:16	16° Σ 47'47	
direct	-1439 Feb 12 j 19:06	20° Σ 26'27		inferior conj	-1438 Jan 13 j 09:04	11° Σ 27'29	3°49'30
desc. node	-1439 Feb 20 j 01:20	22° Σ 44'00		minimum elong	-1438 Jan 13 j 07:30	11° Σ 31'45	3°49'19
morning max el	-1439 Feb 26 j 21:43	28° Σ 13'56	27°41'02	min. Earth dist.	-1438 Jan 15 j 21:08	8° Σ 44'13	0.63275 AU
	-1439 Feb 28 j 15:07	0° \approx		morning rise	-1438 Jan 19 j 09:03	5° Σ 28'03	
	-1439 Mar 21 j 13:54	0° κ		direct	-1438 Jan 26 j 09:28	2° Σ 43'09	
morning set	-1439 Mar 31 j 13:33	19° κ 03'01		desc. node	-1438 Feb 06 j 22:24	8° Σ 24'39	
	-1439 Apr 05 j 18:01	0° Υ		morning max el	-1438 Feb 09 j 04:41	10° Σ 31'57	27°41'28
max. Earth dist.	-1439 Apr 06 j 14:49	1° Υ 52'36	1.32564 AU		-1438 Feb 24 j 12:38	0° \approx	
					-1438 Mar 13 j 21:02	0° κ	
superior conj	-1439 Apr 07 j 20:43	4° Υ 35'16	-0°05'22	morning set	-1438 Mar 15 j 13:10	3° κ 18'42	
minimum elong	-1439 Apr 07 j 20:58	4° Υ 36'37	0°05'19	max. Earth dist.	-1438 Mar 20 j 21:21	14° κ 20'13	1.33092 AU
behind sun begin	-1439 Apr 07 j 16:09	4° Υ 10'23					
behind sun end	-1439 Apr 08 j 01:46	5° Υ 02'52		superior conj	-1438 Mar 23 j 05:01	19° κ 17'23	-0°31'33
asc. node	-1439 Apr 08 j 08:53	5° Υ 41'42		minimum elong	-1438 Mar 23 j 06:30	19° κ 25'19	0°31'15
evening rise	-1439 Apr 14 j 19:23	19° Υ 37'20		asc. node	-1438 Mar 26 j 05:55	25° κ 50'40	
	-1439 Apr 19 j 21:48	0° Σ			-1438 Mar 28 j 04:13	0° Υ	
	-1439 May 09 j 22:11	0° Π		evening rise	-1438 Mar 30 j 07:08	4° Υ 30'50	
evening max el	-1439 May 10 j 20:04	0° Π 53'50	24°52'55		-1438 Apr 13 j 03:30	0° Σ	
desc. node	-1439 May 19 j 00:26	6° Π 42'01		evening max el	-1438 Apr 22 j 11:02	11° Σ 32'12	23°19'28
retrograde	-1439 May 24 j 19:58	7° Π 59'39		retrograde	-1438 May 05 j 23:30	18° Σ 16'04	
evening set	-1439 May 29 j 21:24	7° Π 01'17		desc. node	-1438 May 05 j 21:31	18° Σ 16'03	
min. Earth dist.	-1439 Jun 04 j 07:49	4° Π 09'22	0.57331 AU	evening set	-1438 May 09 j 15:07	17° Σ 46'49	
inferior conj	-1439 Jun 07 j 07:11	2° Π 11'10	-4°18'19	min. Earth dist.	-1438 May 16 j 21:14	14° Σ 29'28	0.55828 AU
minimum elong	-1439 Jun 07 j 03:02	2° Π 18'06	4°17'46	inferior conj	-1438 May 18 j 18:38	13° Σ 22'34	-3°19'03
	-1439 Jun 10 j 18:31	30° κ Σ		minimum elong	-1438 May 18 j 11:51	13° Σ 32'36	3°17'20
morning rise	-1439 Jun 15 j 11:29	28° Σ 01'21		morning rise	-1438 May 27 j 11:18	9° Σ 26'28	
direct	-1439 Jun 18 j 00:46	27° Σ 42'35		direct	-1438 May 30 j 02:37	9° Σ 09'28	
	-1439 Jun 24 j 16:22	0° Π		morning max el	-1438 Jun 09 j 15:33	14° Σ 02'18	20°19'28
morning max el	-1439 Jun 27 j 00:11	1° Π 53'41	19°12'25		-1438 Jun 21 j 04:29	0° Π	
asc. node	-1439 Jul 05 j 08:10	12° Π 52'38		asc. node	-1438 Jun 22 j 05:14	1° Π 52'01	
morning set	-1439 Jul 13 j 23:36	28° Π 56'51		morning set	-1438 Jun 28 j 04:18	13° Π 30'48	
	-1439 Jul 14 j 12:19	0° Θ					
superior conj	-1439 Jul 22 j 06:14	15° Θ 19'18	1°47'59	superior conj	-1438 Jul 05 j 21:12	29° Π 17'13	1°43'25
minimum elong	-1439 Jul 22 j 06:08	15° Θ 18'49	1°48'01	minimum elong	-1438 Jul 05 j 19:36	29° Π 09'05	1°43'22
max. Earth dist.	-1439 Jul 28 j 16:29	27° Θ 25'33	1.38247 AU	max. Earth dist.	-1438 Jul 06 j 05:41	0° Θ	
	-1439 Jul 30 j 02:37	0° Ω		evening rise	-1438 Jul 10 j 22:08	9° Θ 14'49	1.36395 AU
evening rise	-1439 Aug 01 j 12:14	4° Ω 15'27			-1438 Jul 14 j 22:10	16° Θ 47'09	
desc. node	-1439 Aug 14 j 23:46	26° Ω 14'34		desc. node	-1438 Jul 22 j 10:32	0° Ω	
	-1439 Aug 17 j 12:00	0° Π			-1438 Aug 01 j 20:48	16° Ω 23'45	
evening max el	-1439 Sep 06 j 05:58	25° Π 12'32	24°50'58	evening max el	-1438 Aug 11 j 20:46	0° Π	
	-1439 Sep 12 j 01:47	0° Ω		retrograde	-1438 Aug 19 j 17:11	8° Π 47'35	26°00'39
retrograde	-1439 Sep 17 j 20:19	1° Ω 57'20		evening set	-1438 Sep 01 j 04:35	15° Π 54'21	
	-1439 Sep 22 j 23:17	30° κ Π		min. Earth dist.	-1438 Sep 07 j 11:03	13° Π 15'44	
					-1438 Sep 11 j 16:32	8° Π 40'39	0.66561 AU

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inferior conj	-1438 Sep 13 j 00:27	7° \mathbb{M} 00'26	-1°43'46	minimum elong	-1437 Aug 28 j 01:00	20° Ω 31'59	2°35'33
minimum elong	-1438 Sep 13 j 03:00	6° \mathbb{M} 52'25	1°42'45	morning rise	-1437 Sep 02 j 23:45	15° Ω 02'52	
asc. node	-1438 Sep 18 j 04:25	1° \mathbb{M} 32'13		asc. node	-1437 Sep 05 j 01:29	14° Ω 20'56	
morning rise	-1438 Sep 18 j 19:12	1° \mathbb{M} 07'42		direct	-1437 Sep 05 j 20:38	14° Ω 17'24	
direct	-1438 Sep 21 j 23:44	0° \mathbb{M} 09'14		morning max el	-1437 Sep 12 j 11:07	17° Ω 54'18	18°22'37
morning max el	-1438 Sep 28 j 22:43	4° \mathbb{M} 04'07	19°02'45		-1437 Sep 21 j 10:22	0° \mathbb{M}	
	-1438 Oct 17 j 03:26	0° $\underline{\mathbb{A}}$		morning set	-1437 Oct 01 j 18:37	16° \mathbb{M} 42'08	
morning set	-1438 Oct 21 j 06:52	6° $\underline{\mathbb{A}}$ 30'23			-1437 Oct 09 j 23:56	0° $\underline{\mathbb{A}}$	
desc. node	-1438 Oct 28 j 20:12	18° $\underline{\mathbb{A}}$ 22'17		desc. node	-1437 Oct 15 j 17:13	9° $\underline{\mathbb{A}}$ 06'13	
max. Earth dist.	-1438 Nov 05 j 02:08	29° $\underline{\mathbb{A}}$ 45'47	1.44795 AU				
	-1438 Nov 05 j 05:44	0° \mathbb{M}		superior conj	-1437 Oct 16 j 20:00	10° $\underline{\mathbb{A}}$ 52'07	-0°07'16
				minimum elong	-1437 Oct 16 j 19:03	10° $\underline{\mathbb{A}}$ 48'22	0°07'08
superior conj	-1438 Nov 06 j 19:44	2° \mathbb{M} 29'53	-0°56'03	behind sun begin	-1437 Oct 16 j 08:53	10° $\underline{\mathbb{A}}$ 08'11	
minimum elong	-1438 Nov 06 j 12:57	2° \mathbb{M} 03'07	0°55'15	behind sun end	-1437 Oct 17 j 05:14	11° $\underline{\mathbb{A}}$ 28'31	
evening rise	-1438 Nov 21 j 23:51	26° \mathbb{M} 50'14		max. Earth dist.	-1437 Oct 18 j 20:27	14° $\underline{\mathbb{A}}$ 03'03	1.44919 AU
	-1438 Nov 23 j 22:21	0° \mathbb{A}			-1437 Oct 29 j 00:24	0° \mathbb{M}	
evening max el	-1438 Dec 12 j 08:01	27° \mathbb{A} 24'29	18°39'27	evening rise	-1437 Nov 02 j 05:53	6° \mathbb{M} 37'50	
asc. node	-1438 Dec 15 j 03:40	29° \mathbb{A} 48'52		greatest brilliancy	-1437 Nov 12 j 22:14	23° \mathbb{M} 18'42	-0.8m
	-1438 Dec 15 j 10:37	0° \mathbb{B}			-1437 Nov 17 j 08:34	0° \mathbb{A}	
retrograde	-1438 Dec 19 j 00:18	1° \mathbb{B} 08'30		evening max el	-1437 Nov 25 j 16:50	10° \mathbb{A} 50'55	19°21'27
evening set	-1438 Dec 22 j 02:17	0° \mathbb{B} 14'52		asc. node	-1437 Dec 02 j 00:43	14° \mathbb{A} 54'20	
	-1438 Dec 22 j 12:03	30° \mathbb{R} \mathbb{A}		retrograde	-1437 Dec 02 j 20:20	14° \mathbb{A} 58'06	
inferior conj	-1438 Dec 27 j 22:15	24° \mathbb{A} 36'36	3°28'16	evening set	-1437 Dec 06 j 05:00	13° \mathbb{A} 52'10	
minimum elong	-1438 Dec 27 j 19:37	24° \mathbb{A} 44'29	3°27'45	inferior conj	-1437 Dec 11 j 19:24	7° \mathbb{A} 58'48	2°55'34
min. Earth dist.	-1438 Dec 29 j 19:09	22° \mathbb{A} 22'07	0.64861 AU	minimum elong	-1437 Dec 11 j 16:28	8° \mathbb{A} 08'13	2°54'45
morning rise	-1437 Jan 02 j 12:34	18° \mathbb{A} 29'57		min. Earth dist.	-1437 Dec 13 j 02:00	6° \mathbb{A} 20'23	0.66076 AU
direct	-1437 Jan 09 j 06:56	15° \mathbb{A} 37'48		morning rise	-1437 Dec 17 j 03:39	1° \mathbb{A} 47'32	
morning max el	-1437 Jan 22 j 14:18	23° \mathbb{A} 20'31	27°07'42		-1437 Dec 19 j 15:55	30° \mathbb{R} \mathbb{M}	
desc. node	-1437 Jan 24 j 19:27	25° \mathbb{A} 39'25		direct	-1437 Dec 23 j 10:39	29° \mathbb{M} 01'25	
	-1437 Jan 28 j 13:31	0° \mathbb{B}			-1437 Dec 27 j 13:10	0° \mathbb{A}	
	-1437 Feb 17 j 19:34	0° \approx		morning max el	-1436 Jan 04 j 23:46	6° \mathbb{A} 25'48	26°06'40
morning set	-1437 Feb 27 j 03:33	17° \approx 02'33		desc. node	-1436 Jan 11 j 16:30	14° \mathbb{A} 00'19	
max. Earth dist.	-1437 Mar 03 j 18:46	26° \approx 15'38	1.34041 AU		-1436 Jan 23 j 06:50	0° \mathbb{B}	
	-1437 Mar 05 j 14:24	0° \mathbb{H}		morning set	-1436 Feb 10 j 04:38	0° \approx 01'33	
					-1436 Feb 10 j 04:18	0° \approx	
superior conj	-1437 Mar 07 j 08:47	3° \mathbb{H} 41'08	-0°57'24	max. Earth dist.	-1436 Feb 14 j 04:10	7° \approx 35'19	1.35439 AU
minimum elong	-1437 Mar 07 j 11:24	3° \mathbb{H} 54'56	0°56'55				
asc. node	-1437 Mar 13 j 02:58	15° \mathbb{H} 52'18		superior conj	-1436 Feb 19 j 05:33	17° \approx 38'54	-1°21'28
evening rise	-1437 Mar 14 j 17:39	19° \mathbb{H} 15'19		minimum elong	-1436 Feb 19 j 08:59	17° \approx 56'23	1°20'58
	-1437 Mar 20 j 01:57	0° \mathbb{Y}			-1436 Feb 25 j 05:27	0° \mathbb{H}	
evening max el	-1437 Apr 04 j 06:14	22° \mathbb{Y} 15'57	21°46'25	evening rise	-1436 Feb 27 j 00:58	3° \mathbb{H} 44'01	
retrograde	-1437 Apr 16 j 16:19	28° \mathbb{Y} 18'41		asc. node	-1436 Feb 28 j 00:02	5° \mathbb{H} 41'47	
evening set	-1437 Apr 19 j 06:16	28° \mathbb{Y} 03'44			-1436 Mar 13 j 06:34	0° \mathbb{Y}	
desc. node	-1437 Apr 22 j 18:35	26° \mathbb{Y} 59'51		evening max el	-1436 Mar 16 j 11:10	3° \mathbb{Y} 29'14	20°25'03
inferior conj	-1437 Apr 28 j 15:53	24° \mathbb{Y} 00'02	-1°38'48	retrograde	-1436 Mar 27 j 06:04	8° \mathbb{Y} 38'56	
minimum elong	-1437 Apr 28 j 11:22	24° \mathbb{Y} 06'24	1°37'15	evening set	-1436 Mar 29 j 10:27	8° \mathbb{Y} 27'09	
min. Earth dist.	-1437 Apr 28 j 10:30	24° \mathbb{Y} 07'36	0.55088 AU	inferior conj	-1436 Apr 07 j 11:39	4° \mathbb{Y} 29'23	0°19'45
morning rise	-1437 May 07 j 17:28	20° \mathbb{Y} 02'03		minimum elong	-1436 Apr 07 j 12:33	4° \mathbb{Y} 28'04	0°19'26
direct	-1437 May 10 j 15:05	19° \mathbb{Y} 43'28		desc. node	-1436 Apr 08 j 15:37	3° \mathbb{Y} 48'24	
morning max el	-1437 May 22 j 20:02	25° \mathbb{Y} 28'50	21°45'03	min. Earth dist.	-1436 Apr 09 j 00:32	3° \mathbb{Y} 35'24	0.55290 AU
	-1437 May 27 j 00:30	0° \mathbb{B}		morning rise	-1436 Apr 16 j 13:06	0° \mathbb{Y} 10'49	
asc. node	-1437 Jun 09 j 02:16	21° \mathbb{B} 18'30			-1436 Apr 17 j 07:51	30° \mathbb{R} \mathbb{H}	
morning set	-1437 Jun 12 j 13:16	28° \mathbb{B} 19'22		direct	-1436 Apr 20 j 03:39	29° \mathbb{H} 42'29	
	-1437 Jun 13 j 08:37	0° \mathbb{I}			-1436 Apr 22 j 22:35	0° \mathbb{Y}	
				morning max el	-1436 May 03 j 15:15	6° \mathbb{Y} 18'38	23°23'01
superior conj	-1437 Jun 19 j 21:10	13° \mathbb{I} 43'26	1°32'24		-1436 May 20 j 08:18	0° \mathbb{B}	
minimum elong	-1437 Jun 19 j 18:46	13° \mathbb{I} 30'54	1°32'11	asc. node	-1436 May 25 j 23:19	11° \mathbb{B} 05'05	
max. Earth dist.	-1437 Jun 23 j 11:42	21° \mathbb{I} 09'14	1.34856 AU	morning set	-1436 May 27 j 00:39	13° \mathbb{B} 17'02	
	-1437 Jun 27 j 23:04	0° \mathbb{D}					
evening rise	-1437 Jun 28 j 01:20	0° \mathbb{D} 10'56		superior conj	-1436 Jun 03 j 03:10	28° \mathbb{B} 28'49	1°16'27
	-1437 Jul 15 j 12:09	0° Ω		minimum elong	-1436 Jun 03 j 00:37	28° \mathbb{B} 15'10	1°16'06
desc. node	-1437 Jul 19 j 17:51	6° Ω 08'18			-1436 Jun 03 j 20:14	0° \mathbb{I}	
evening max el	-1437 Aug 02 j 04:47	22° Ω 18'14	26°53'30	max. Earth dist.	-1436 Jun 05 j 11:07	3° \mathbb{I} 26'24	1.33699 AU
retrograde	-1437 Aug 15 j 07:50	29° Ω 36'37		evening rise	-1436 Jun 10 j 17:06	14° \mathbb{I} 13'41	
evening set	-1437 Aug 22 j 02:45	26° Ω 50'12			-1436 Jun 19 j 02:41	0° \mathbb{D}	
min. Earth dist.	-1437 Aug 26 j 00:48	22° Ω 52'42	0.65550 AU	desc. node	-1436 Jul 05 j 14:52	25° \mathbb{D} 17'48	
inferior conj	-1437 Aug 27 j 21:16	20° Ω 42'51	-2°36'51		-1436 Jul 09 j 10:26	0° Ω	

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evening max el	-1436 Jul 14 j 16:04	5°Ω34'59	27°22'08	retrograde	-1435 Jul 10 j 20:27	25°Ω43'27	
retrograde	-1436 Jul 28 j 05:25	12°Ω56'16		evening set	-1435 Jul 18 j 00:22	23°Ω15'27	
evening set	-1436 Aug 04 j 08:26	10°Ω12'31		min. Earth dist.	-1435 Jul 21 j 14:18	20°Ω21'19	0.62449 AU
min. Earth dist.	-1436 Aug 08 j 00:36	6°Ω50'17	0.64172 AU	inferior conj	-1435 Jul 24 j 12:53	17°Ω34'06	-4°05'43
inferior conj	-1436 Aug 10 j 10:24	4°Ω16'37	-3°25'28	minimum elong	-1435 Jul 24 j 16:56	17°Ω24'29	4°04'57
minimum elong	-1436 Aug 10 j 14:47	4°Ω04'56	3°24'15	morning rise	-1435 Jul 31 j 10:44	12°Ω29'05	
	-1436 Aug 14 j 23:56	30°RΩ		direct	-1435 Aug 02 j 23:40	12°Ω00'04	
morning rise	-1436 Aug 16 j 21:58	28°Ω52'27		asc. node	-1435 Aug 08 j 19:33	14°Ω35'24	
direct	-1436 Aug 19 j 13:40	28°Ω16'37		morning max el	-1435 Aug 09 j 17:13	15°Ω25'30	17°54'44
asc. node	-1436 Aug 21 j 22:31	28°Ω45'21			-1435 Aug 19 j 20:37	0°Ω	
	-1436 Aug 24 j 02:40	0°Ω		morning set	-1435 Aug 25 j 22:45	10°Ω47'10	
morning max el	-1436 Aug 26 j 02:13	1°Ω43'41	17°59'38		-1435 Sep 05 j 21:12	0°Π	
morning set	-1436 Sep 12 j 09:44	28°Ω13'20					
	-1436 Sep 13 j 10:44	0°Π		superior conj	-1435 Sep 06 j 02:46	0°Π23'39	1°15'14
				minimum elong	-1435 Sep 06 j 07:57	0°Π45'45	1°14'40
superior conj	-1436 Sep 25 j 10:14	19°Π58'53	0°39'35	max. Earth dist.	-1435 Sep 13 j 03:57	12°Π07'42	1.43076 AU
minimum elong	-1436 Sep 25 j 14:27	20°Π16'00	0°39'03	desc. node	-1435 Sep 18 j 11:16	20°Π38'07	
max. Earth dist.	-1436 Sep 30 j 13:54	28°Π16'01	1.44321 AU	evening rise	-1435 Sep 20 j 23:20	24°Π33'57	
desc. node	-1436 Oct 01 j 14:15	29°Π52'42			-1435 Sep 24 j 11:37	0°Ω	
	-1436 Oct 01 j 16:05	0°Ω			-1435 Oct 15 j 05:12	0°Π	
evening rise	-1436 Oct 11 j 16:44	15°Ω39'38		evening max el	-1435 Oct 21 j 19:05	7°Π46'42	21°28'14
	-1436 Oct 21 j 02:12	0°Π		retrograde	-1435 Oct 30 j 14:37	13°Π00'47	
evening max el	-1436 Nov 07 j 20:53	24°Π18'45	20°18'39	evening set	-1435 Nov 03 j 18:54	11°Π23'34	
retrograde	-1436 Nov 15 j 17:46	28°Π56'33		asc. node	-1435 Nov 04 j 18:46	10°Π31'28	
asc. node	-1436 Nov 17 j 21:45	28°Π29'37		inferior conj	-1435 Nov 09 j 03:30	5°Π09'21	1°27'43
evening set	-1436 Nov 19 j 11:11	27°Π36'04		minimum elong	-1435 Nov 09 j 01:36	5°Π15'54	1°26'57
inferior conj	-1436 Nov 24 j 21:52	21°Π30'39	2°14'38	min. Earth dist.	-1435 Nov 09 j 09:54	4°Π47'16	0.67409 AU
minimum elong	-1436 Nov 24 j 19:14	21°Π39'31	2°13'43		-1435 Nov 13 j 05:18	30°RΩ	
min. Earth dist.	-1436 Nov 25 j 15:42	20°Π30'37	0.66921 AU	morning rise	-1435 Nov 14 j 08:09	28°Ω55'40	
morning rise	-1436 Nov 30 j 03:05	15°Π17'04		direct	-1435 Nov 19 j 09:30	26°Ω46'09	
direct	-1436 Dec 05 j 19:45	12°Π46'33			-1435 Nov 26 j 12:49	0°Π	
morning max el	-1436 Dec 17 j 08:11	19°Π38'13	24°47'44	morning max el	-1435 Nov 29 j 17:17	2°Π54'58	23°20'59
	-1436 Dec 26 j 04:40	0°♂		desc. node	-1435 Dec 15 j 10:35	22°Π49'51	
desc. node	-1436 Dec 28 j 13:32	3°♂08'19			-1435 Dec 20 j 08:15	0°♂	
	-1435 Jan 15 j 10:18	0°♂		morning set	-1434 Jan 03 j 16:26	22°♂43'04	
morning set	-1435 Jan 22 j 11:00	12°♂00'26			-1434 Jan 07 j 22:37	0°♂	
max. Earth dist.	-1435 Jan 26 j 03:07	18°♂37'37	1.37259 AU	max. Earth dist.	-1434 Jan 07 j 22:36	29°♂59'57	1.39336 AU
	-1435 Feb 01 j 03:29	0°♁					
				superior conj	-1434 Jan 15 j 12:47	13°♂39'59	-1°55'35
superior conj	-1435 Feb 01 j 16:14	1°♁02'07	-1°41'46	minimum elong	-1434 Jan 15 j 15:02	13°♂50'27	1°55'31
minimum elong	-1435 Feb 01 j 19:45	1°♁19'12	1°41'27		-1434 Jan 24 j 02:26	0°♁	
evening rise	-1435 Feb 10 j 02:54	17°♁50'43		evening rise	-1434 Jan 24 j 20:49	1°♁28'44	
asc. node	-1435 Feb 13 j 21:04	25°♁13'42		asc. node	-1434 Jan 31 j 18:06	14°♁21'55	
	-1435 Feb 16 j 10:18	0°♂		evening max el	-1434 Feb 10 j 04:24	27°♁44'25	18°36'57
evening max el	-1435 Feb 27 j 03:04	15°♂19'45	19°21'09		-1434 Feb 13 j 00:28	0°♂	
retrograde	-1435 Mar 08 j 05:36	19°♂41'09		retrograde	-1434 Feb 17 j 23:26	1°♂32'16	
evening set	-1435 Mar 10 j 11:32	19°♂26'25		evening set	-1434 Feb 20 j 09:46	1°♂11'24	
inferior conj	-1435 Mar 18 j 19:35	15°♂18'32	2°03'26		-1434 Feb 23 j 05:40	30°R♁	
minimum elong	-1435 Mar 18 j 23:56	15°♂11'21	2°02'08	inferior conj	-1434 Feb 27 j 23:28	26°♁44'41	3°12'55
min. Earth dist.	-1435 Mar 21 j 15:25	13°♂27'10	0.56395 AU	minimum elong	-1434 Feb 28 j 03:31	26°♁36'54	3°12'08
desc. node	-1435 Mar 26 j 12:39	10°♂48'54		min. Earth dist.	-1434 Mar 03 j 08:41	24°♁09'32	0.58143 AU
morning rise	-1435 Mar 27 j 09:33	10°♂28'58		morning rise	-1434 Mar 07 j 18:39	21°♁25'31	
direct	-1435 Apr 01 j 02:42	9°♂38'04		desc. node	-1434 Mar 13 j 09:42	20°♁00'03	
morning max el	-1435 Apr 15 j 06:00	16°♂50'15	25°02'01	direct	-1434 Mar 13 j 14:55	19°♁59'56	
	-1435 Apr 25 j 22:51	0°♀		morning max el	-1434 Mar 27 j 22:37	27°♁32'59	26°26'59
morning set	-1435 May 11 j 12:42	28°♀17'16			-1434 Mar 30 j 07:43	0°♂	
	-1435 May 12 j 08:08	0°♂			-1434 Apr 19 j 08:21	0°♀	
asc. node	-1435 May 12 j 20:22	1°♂05'05		morning set	-1434 Apr 25 j 23:47	13°♀14'19	
				asc. node	-1434 Apr 29 j 17:25	21°♀13'32	
superior conj	-1435 May 18 j 12:51	13°♂24'48	0°56'43	superior conj	-1434 May 03 j 00:20	28°♀24'56	0°34'06
minimum elong	-1435 May 18 j 10:39	13°♂12'51	0°56'19	minimum elong	-1434 May 02 j 22:53	28°♀16'59	0°33'49
max. Earth dist.	-1435 May 19 j 18:35	16°♂06'20	1.32923 AU	max. Earth dist.	-1434 May 03 j 06:46	29°♀00'14	1.32506 AU
evening rise	-1435 May 25 j 17:37	28°♂42'45			-1434 May 03 j 17:41	0°♂	
	-1435 May 26 j 08:46	0°♂			-1434 May 10 j 00:04	13°♂28'35	
	-1435 Jun 12 j 07:12	0°♂		evening rise	-1434 May 18 j 10:58	0°♂	
desc. node	-1435 Jun 22 j 11:53	13°♂36'41			-1434 Jun 08 j 14:43	0°♂	
evening max el	-1435 Jun 27 j 00:51	18°♂24'00	27°20'36				

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening max el	-1434 Jun 09 j 04:23	0° ☿ 33'03	26°46'03			-1433 May 12 j 02:16	0° ♊	
desc. node	-1434 Jun 09 j 08:53	0° ☿ 43'44		evening max el	-1433 May 22 j 01:08	11° ♊ 57'22	25°40'56	
retrograde	-1434 Jun 23 j 03:59	7° ☿ 49'55		desc. node	-1433 May 27 j 05:55	16° ♊ 09'48		
evening set	-1434 Jun 29 j 22:13	5° ☿ 51'01		retrograde	-1433 Jun 05 j 02:41	19° ♊ 10'11		
min. Earth dist.	-1434 Jul 03 j 17:50	3° ☿ 11'31	0.60467 AU	evening set	-1433 Jun 10 j 22:13	17° ♊ 49'37		
inferior conj	-1434 Jul 07 j 01:18	0° ☿ 26'51	-4°31'20	min. Earth dist.	-1433 Jun 15 j 13:22	15° ♊ 06'52	0.58415 AU	
minimum elong	-1434 Jul 07 j 03:24	0° ☿ 22'29	4°31'10	inferior conj	-1433 Jun 18 j 20:04	12° ♊ 45'29	-4°32'57	
	-1434 Jul 07 j 14:14	30° ♊		minimum elong	-1433 Jun 18 j 18:25	12° ♊ 48'29	4°32'51	
morning rise	-1434 Jul 14 j 10:25	25° ♊ 43'42		morning rise	-1433 Jun 26 j 17:15	8° ♊ 24'42		
direct	-1434 Jul 16 j 22:33	25° ♊ 19'36		direct	-1433 Jun 29 j 05:47	8° ♊ 04'23		
morning max el	-1434 Jul 24 j 05:18	28° ♊ 52'55	18°08'57	morning max el	-1433 Jul 07 j 11:33	11° ♊ 57'40	18°43'20	
	-1434 Jul 25 j 07:29	0° ☿		asc. node	-1433 Jul 13 j 13:43	19° ♊ 33'35		
asc. node	-1434 Jul 26 j 16:37	1° ☿ 36'24			-1433 Jul 19 j 15:45	0° ☿		
morning set	-1434 Aug 09 j 04:00	24° ☿ 07'58		morning set	-1433 Jul 23 j 21:00	8° ☿ 04'23		
	-1434 Aug 12 j 07:12	0° ♊						
superior conj	-1434 Aug 18 j 21:49	12° ♊ 07'19	1°37'12	superior conj	-1433 Aug 01 j 14:16	24° ☿ 55'49	1°46'57	
minimum elong	-1434 Aug 19 j 01:16	12° ♊ 22'46	1°36'57	minimum elong	-1433 Aug 01 j 15:22	25° ☿ 00'58	1°46'57	
max. Earth dist.	-1434 Aug 26 j 12:30	25° ♊ 21'55	1.41350 AU		-1433 Aug 04 j 07:29	0° ♊		
	-1434 Aug 29 j 07:12	0° ♊		max. Earth dist.	-1433 Aug 08 j 15:53	7° ♊ 51'17	1.39378 AU	
evening rise	-1434 Aug 31 j 19:59	4° ♊ 08'19		evening rise	-1433 Aug 12 j 17:08	14° ♊ 52'34		
desc. node	-1434 Sep 05 j 08:15	11° ♊ 19'01			-1433 Aug 22 j 00:22	0° ♊		
	-1434 Sep 17 j 19:29	0° ♊		desc. node	-1433 Aug 23 j 05:16	1° ♊ 51'50		
evening max el	-1434 Oct 04 j 11:34	21° ♊ 14'32	22°46'02		-1433 Sep 12 j 15:11	0° ♊		
retrograde	-1434 Oct 14 j 09:17	27° ♊ 07'29		evening max el	-1433 Sep 17 j 00:11	4° ♊ 45'07	24°06'23	
evening set	-1434 Oct 19 j 02:22	25° ♊ 11'56		retrograde	-1433 Sep 28 j 00:39	11° ♊ 13'55		
asc. node	-1434 Oct 22 j 15:48	21° ♊ 17'02		evening set	-1433 Oct 03 j 07:56	8° ♊ 59'57		
inferior conj	-1434 Oct 24 j 10:23	18° ♊ 52'28	0°36'32	min. Earth dist.	-1433 Oct 08 j 02:25	3° ♊ 27'44	0.67431 AU	
minimum elong	-1434 Oct 24 j 09:32	18° ♊ 55'23	0°36'10	inferior conj	-1433 Oct 08 j 16:49	2° ♊ 38'57	-0°17'18	
min. Earth dist.	-1434 Oct 24 j 06:15	19° ♊ 06'42	0.67574 AU	minimum elong	-1433 Oct 08 j 17:14	2° ♊ 37'33	0°17'08	
morning rise	-1434 Oct 29 j 16:36	12° ♊ 40'59		asc. node	-1433 Oct 09 j 12:52	1° ♊ 31'32		
direct	-1434 Nov 03 j 03:07	10° ♊ 53'54			-1433 Oct 10 j 17:08	30° ♊		
morning max el	-1434 Nov 12 j 06:15	16° ♊ 17'26	21°55'21	morning rise	-1433 Oct 14 j 02:32	26° ♊ 32'17		
	-1434 Nov 23 j 08:21	0° ♊		direct	-1433 Oct 17 j 23:44	25° ♊ 06'22		
desc. node	-1434 Dec 02 j 07:36	12° ♊ 54'39		morning max el	-1433 Oct 26 j 01:52	29° ♊ 48'55	20°37'51	
	-1434 Dec 13 j 10:23	0° ♊			-1433 Oct 26 j 06:13	0° ♊		
morning set	-1434 Dec 14 j 16:45	2° ♊ 01'04		desc. node	-1433 Nov 17 j 01:05	0° ♊		
max. Earth dist.	-1434 Dec 20 j 21:42	12° ♊ 09'10	1.41398 AU		-1433 Nov 19 j 04:38	3° ♊ 16'22		
				morning set	-1433 Nov 23 j 17:59	10° ♊ 17'46		
superior conj	-1434 Dec 28 j 13:54	25° ♊ 18'19	-1°59'17	max. Earth dist.	-1433 Dec 03 j 03:44	25° ♊ 11'07	1.43161 AU	
minimum elong	-1434 Dec 28 j 13:03	25° ♊ 14'38	1°59'18		-1433 Dec 06 j 02:45	0° ♊		
	-1434 Dec 31 j 05:17	0° ♊		superior conj	-1433 Dec 09 j 14:13	5° ♊ 45'16	-1°48'31	
evening rise	-1433 Jan 08 j 03:22	14° ♊ 29'22		minimum elong	-1433 Dec 09 j 08:56	5° ♊ 23'14	1°48'12	
	-1433 Jan 16 j 18:55	0° ♊		evening rise	-1433 Dec 21 j 18:33	26° ♊ 44'33		
asc. node	-1433 Jan 18 j 15:08	2° ♊ 58'03			-1433 Dec 23 j 14:52	0° ♊		
evening max el	-1433 Jan 24 j 12:20	10° ♊ 34'51	18°12'51	asc. node	-1432 Jan 05 j 12:11	20° ♊ 52'27		
retrograde	-1433 Jan 31 j 11:23	14° ♊ 05'00		evening max el	-1432 Jan 08 j 00:00	23° ♊ 43'25	18°08'28	
evening set	-1433 Feb 03 j 01:52	13° ♊ 36'25		retrograde	-1432 Jan 14 j 13:32	27° ♊ 09'44		
inferior conj	-1433 Feb 09 j 23:49	8° ♊ 48'35	3°47'35	evening set	-1432 Jan 17 j 07:58	26° ♊ 32'20		
minimum elong	-1433 Feb 10 j 01:35	8° ♊ 44'37	3°47'25	inferior conj	-1432 Jan 23 j 17:32	21° ♊ 23'43	3°54'44	
min. Earth dist.	-1433 Feb 13 j 07:19	5° ♊ 51'46	0.60188 AU	minimum elong	-1432 Jan 23 j 16:59	21° ♊ 25'08	3°54'41	
morning rise	-1433 Feb 16 j 23:27	3° ♊ 07'59		min. Earth dist.	-1432 Jan 26 j 14:06	18° ♊ 29'25	0.62214 AU	
direct	-1433 Feb 23 j 15:07	1° ♊ 04'06		morning rise	-1432 Jan 30 j 00:55	15° ♊ 29'39		
desc. node	-1433 Feb 28 j 06:46	2° ♊ 00'32		direct	-1432 Feb 06 j 01:11	12° ♊ 55'18		
morning max el	-1433 Mar 09 j 21:00	8° ♊ 48'44	27°24'06	desc. node	-1432 Feb 15 j 03:50	16° ♊ 31'06		
	-1433 Mar 26 j 02:07	0° ♊		morning max el	-1432 Feb 20 j 01:18	20° ♊ 44'57	27°45'34	
morning set	-1433 Apr 10 j 08:07	28° ♊ 01'19			-1432 Feb 28 j 01:58	0° ♊		
	-1433 Apr 11 j 06:54	0° ♊		morning set	-1432 Mar 18 j 01:07	0° ♊		
asc. node	-1433 Apr 16 j 14:29	11° ♊ 25'27		max. Earth dist.	-1432 Mar 24 j 11:39	12° ♊ 31'01		
					-1432 Mar 30 j 05:36	24° ♊ 34'27	1.32737 AU	
superior conj	-1433 Apr 17 j 11:57	13° ♊ 22'52	0°09'27					
minimum elong	-1433 Apr 17 j 11:31	13° ♊ 20'32	0°09'22	superior conj	-1432 Mar 31 j 22:00	28° ♊ 12'46	-0°16'27	
behind sun begin	-1433 Apr 17 j 07:27	12° ♊ 58'14		minimum elong	-1432 Mar 31 j 22:46	28° ♊ 16'55	0°16'17	
behind sun end	-1433 Apr 17 j 15:35	13° ♊ 42'51			-1432 Apr 01 j 17:45	0° ♊		
max. Earth dist.	-1433 Apr 16 j 19:43	11° ♊ 54'06	1.32438 AU	asc. node	-1432 Apr 02 j 11:32	1° ♊ 36'44		
evening rise	-1433 Apr 24 j 10:05	28° ♊ 22'46		evening rise	-1432 Apr 07 j 21:45	13° ♊ 18'25		
	-1433 Apr 25 j 04:38	0° ♊			-1432 Apr 16 j 09:04	0° ♊		

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evening max el	-1432 May 02 j 16:54	22° 8 46'31	24°14'01	evening max el	-1431 Apr 14 j 09:07	3° 8 25'06	22°39'09
desc. node	-1432 May 13 j 02:59	29° 8 18'19		retrograde	-1431 Apr 27 j 12:19	9° 8 53'02	
retrograde	-1432 May 16 j 14:03	29° 8 45'45		desc. node	-1431 Apr 30 j 00:02	9° 8 39'23	
evening set	-1432 May 21 j 00:38	29° 8 01'41		evening set	-1431 Apr 30 j 15:10	9° 8 31'44	
min. Earth dist.	-1432 May 27 j 04:25	26° 8 00'04	0.56610 AU	min. Earth dist.	-1431 May 08 j 17:49	5° 8 59'54	0.55407 AU
inferior conj	-1432 May 29 j 18:46	24° 8 22'09	-3°58'42	inferior conj	-1431 May 09 j 23:11	5° 8 17'58	-2°40'49
minimum elong	-1432 May 29 j 13:03	24° 8 31'10	3°57'38	minimum elong	-1431 May 09 j 16:42	5° 8 27'15	2°38'53
morning rise	-1432 Jun 07 j 04:27	20° 8 19'27		morning rise	-1431 May 18 j 20:17	1° 8 22'56	
direct	-1432 Jun 09 j 18:08	20° 8 01'48		direct	-1431 May 21 j 13:29	1° 8 05'46	
morning max el	-1432 Jun 19 j 09:02	24° 8 29'27	19°38'29	morning max el	-1431 Jun 01 j 19:44	6° 8 20'35	20°53'44
	-1432 Jun 24 j 04:11	0° II		asc. node	-1431 Jun 16 j 07:52	27° 8 25'45	
asc. node	-1432 Jun 29 j 10:47	8° II 13'26			-1431 Jun 17 j 15:52	0° II	
morning set	-1432 Jul 06 j 22:14	22° II 26'41		morning set	-1431 Jun 21 j 05:03	7° II 07'57	
	-1432 Jul 10 j 16:02	0° III					
superior conj	-1432 Jul 14 j 22:23	8° III 32'15	1°46'57	superior conj	-1431 Jun 28 j 17:37	22° II 43'32	1°39'26
minimum elong	-1432 Jul 14 j 21:33	8° III 28'08	1°46'57	minimum elong	-1431 Jun 28 j 15:35	22° II 33'07	1°39'18
max. Earth dist.	-1432 Jul 20 j 18:46	19° III 47'22	1.37425 AU	max. Earth dist.	-1431 Jul 02 j 07:57	0° III	
evening rise	-1432 Jul 24 j 14:54	26° III 48'25		evening rise	-1431 Jul 03 j 03:32	1° III 36'56	1.35704 AU
	-1432 Jul 26 j 10:11	0° III		evening rise	-1431 Jul 07 j 08:52	9° III 44'33	
desc. node	-1432 Aug 09 j 02:17	22° III 11'17		desc. node	-1431 Jul 18 j 23:51	0° III	
	-1432 Aug 14 j 11:31	0° III		desc. node	-1431 Jul 26 j 23:19	12° III 10'57	
evening max el	-1432 Aug 29 j 11:28	18° III 19'23	25°22'14	evening max el	-1431 Aug 10 j 01:47	0° III	
retrograde	-1432 Sep 10 j 11:43	25° III 15'19		evening max el	-1431 Aug 11 j 23:04	1° III 54'15	26°25'39
evening set	-1432 Sep 16 j 09:46	22° III 44'45		retrograde	-1431 Aug 24 j 17:46	9° III 06'27	
min. Earth dist.	-1432 Sep 20 j 19:53	17° III 48'00	0.66974 AU	evening set	-1431 Aug 31 j 05:51	6° III 23'51	
inferior conj	-1432 Sep 21 j 21:03	16° III 26'14	-1°12'16	min. Earth dist.	-1431 Sep 04 j 08:12	2° III 04'31	0.66180 AU
minimum elong	-1432 Sep 21 j 22:50	16° III 20'28	1°11'32	inferior conj	-1431 Sep 05 j 21:12	0° III 11'35	-2°06'38
asc. node	-1432 Sep 25 j 09:57	12° III 12'41		minimum elong	-1431 Sep 06 j 00:17	0° III 02'10	2°05'28
morning rise	-1432 Sep 27 j 12:01	10° III 27'16			-1431 Sep 06 j 01:00	30° III	
direct	-1432 Sep 30 j 22:00	9° III 19'41		morning rise	-1431 Sep 11 j 19:02	24° III 23'37	
morning max el	-1432 Oct 08 j 04:58	13° III 29'24	19°33'04	asc. node	-1431 Sep 12 j 07:01	24° III 07'49	
	-1432 Oct 20 j 14:01	0° III		direct	-1431 Sep 14 j 20:06	23° III 30'58	
morning set	-1432 Nov 01 j 17:08	18° III 36'24		morning max el	-1431 Sep 21 j 14:31	27° III 16'58	18°43'33
desc. node	-1432 Nov 05 j 01:39	23° III 49'28			-1431 Sep 24 j 00:26	0° III	
	-1432 Nov 09 j 00:31	0° III		morning set	-1431 Oct 12 j 12:44	28° III 00'10	
max. Earth dist.	-1432 Nov 14 j 16:43	8° III 56'27	1.44393 AU		-1431 Oct 13 j 18:50	0° III	
				desc. node	-1431 Oct 22 j 22:40	14° III 30'16	
superior conj	-1432 Nov 18 j 11:29	14° III 57'58	-1°20'01	superior conj	-1431 Oct 28 j 13:42	23° III 21'48	-0°35'55
minimum elong	-1432 Nov 18 j 03:37	14° III 26'26	1°19'14	minimum elong	-1431 Oct 28 j 09:01	23° III 03'23	0°35'19
	-1432 Nov 27 j 17:16	0° III		max. Earth dist.	-1431 Oct 28 j 10:27	23° III 09'00	1.44945 AU
evening rise	-1432 Dec 02 j 13:51	8° III 05'31			-1431 Nov 01 j 18:50	0° III	
	-1432 Dec 15 j 23:56	0° III		evening rise	-1431 Nov 13 j 09:40	18° III 26'53	
evening max el	-1432 Dec 21 j 12:34	7° III 02'56	18°23'03		-1431 Nov 20 j 14:48	0° III	
asc. node	-1432 Dec 22 j 09:13	7° III 52'47		evening max el	-1431 Dec 04 j 23:24	20° III 27'43	18°55'24
retrograde	-1432 Dec 28 j 01:29	10° III 37'13		asc. node	-1431 Dec 09 j 06:15	23° III 44'27	
evening set	-1432 Dec 31 j 00:27	9° III 49'51		retrograde	-1431 Dec 11 j 19:28	24° III 20'11	
inferior conj	-1431 Jan 06 j 00:38	4° III 21'55	3°42'08	evening set	-1431 Dec 15 j 00:11	23° III 21'23	
minimum elong	-1431 Jan 05 j 22:31	4° III 27'57	3°41'49	inferior conj	-1431 Dec 20 j 17:30	17° III 36'20	3°15'33
min. Earth dist.	-1431 Jan 08 j 06:22	1° III 49'24	0.63995 AU	minimum elong	-1431 Dec 20 j 14:40	17° III 45'08	3°14'53
	-1431 Jan 09 j 23:46	30° III		min. Earth dist.	-1431 Dec 22 j 08:07	15° III 36'54	0.65426 AU
morning rise	-1431 Jan 11 j 20:02	28° III 19'13		morning rise	-1431 Dec 26 j 04:52	11° III 27'46	
direct	-1431 Jan 18 j 18:55	25° III 29'07		direct	-1430 Jan 01 j 19:00	8° III 36'52	
	-1431 Jan 28 j 18:54	0° III		morning max el	-1430 Jan 14 j 19:07	16° III 12'36	26°44'38
desc. node	-1431 Feb 01 j 00:54	2° III 55'19		desc. node	-1430 Jan 18 j 21:56	20° III 40'26	
morning max el	-1431 Feb 01 j 09:32	3° III 16'38	27°30'54		-1430 Jan 26 j 06:11	0° III	
	-1431 Feb 21 j 11:17	0° III			-1430 Feb 14 j 06:43	0° III	
morning set	-1431 Mar 08 j 07:48	26° III 34'49		morning set	-1430 Feb 19 j 17:02	10° III 00'40	
	-1431 Mar 10 j 00:54	0° III		max. Earth dist.	-1430 Feb 24 j 01:03	18° III 28'34	1.34580 AU
max. Earth dist.	-1431 Mar 13 j 08:32	6° III 48'53	1.33438 AU				
superior conj	-1431 Mar 16 j 04:41	12° III 48'34	-0°42'37	superior conj	-1430 Feb 28 j 05:47	27° III 02'00	-1°07'54
minimum elong	-1431 Mar 16 j 06:41	12° III 59'09	0°42'14	minimum elong	-1430 Feb 28 j 08:49	27° III 17'44	1°07'25
asc. node	-1431 Mar 20 j 08:35	21° III 43'26			-1430 Mar 01 j 15:59	0° III	
evening rise	-1431 Mar 23 j 09:13	28° III 09'18		asc. node	-1430 Mar 07 j 05:36	11° III 40'20	
	-1431 Mar 24 j 06:25	0° III		evening rise	-1430 Mar 07 j 18:36	12° III 47'47	
	-1431 Apr 11 j 04:11	0° III			-1430 Mar 16 j 17:22	0° III	
				evening max el	-1430 Mar 27 j 08:01	14° III 19'08	21°09'56

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

retrograde	-1430 Apr 08 j 01:59	19° Υ 59'32		asc. node	-1429 Feb 22 j 02:37	1° H 22'44	
evening set	-1430 Apr 10 j 10:19	19° Υ 46'45		evening max el	-1429 Mar 09 j 17:28	25° H 46'52	19°55'28
desc. node	-1430 Apr 16 j 21:06	17° Υ 22'18			-1429 Mar 16 j 05:38	0° Υ	
inferior conj	-1430 Apr 19 j 17:56	15° Υ 47'46	-0°48'46	retrograde	-1429 Mar 19 j 18:46	0° Υ 35'14	
minimum elong	-1430 Apr 19 j 15:38	15° Υ 51'01	0°47'57	evening set	-1429 Mar 21 j 22:56	0° Υ 22'44	
min. Earth dist.	-1430 Apr 20 j 07:02	15° Υ 29'18	0.55062 AU		-1429 Mar 23 j 11:28	30° R H	
morning rise	-1430 Apr 28 j 20:54	11° Υ 43'31		inferior conj	-1429 Mar 30 j 17:21	26° H 21'46	1°07'11
direct	-1430 May 02 j 00:29	11° Υ 22'00		minimum elong	-1429 Mar 30 j 20:10	26° H 17'26	1°06'14
morning max el	-1430 May 14 j 19:43	17° Υ 29'18	22°25'41	min. Earth dist.	-1429 Apr 01 j 21:07	25° H 02'39	0.55661 AU
	-1430 May 24 j 18:53	0° B		desc. node	-1429 Apr 03 j 18:07	23° H 57'35	
asc. node	-1430 Jun 03 j 04:55	17° B 01'30		morning rise	-1429 Apr 08 j 15:14	21° H 50'39	
morning set	-1430 Jun 05 j 15:16	22° B 01'03		direct	-1429 Apr 12 j 16:04	21° H 14'43	
	-1430 Jun 09 j 09:56	0° II		morning max el	-1429 Apr 26 j 12:23	28° H 07'58	24°05'55
					-1429 Apr 28 j 09:01	0° Υ	
superior conj	-1430 Jun 12 j 20:27	7° II 18'32	1°26'10		-1429 May 17 j 17:12	0° B	
minimum elong	-1430 Jun 12 j 17:55	7° II 05'09	1°25'52	morning set	-1429 May 21 j 03:07	7° B 00'16	
max. Earth dist.	-1430 Jun 15 j 21:36	13° II 41'02	1.34325 AU	asc. node	-1429 May 21 j 01:57	6° B 54'08	
evening rise	-1430 Jun 20 j 17:53	23° II 26'02					
	-1430 Jun 24 j 04:23	0° B		superior conj	-1429 May 28 j 04:15	22° B 08'56	1°08'29
	-1430 Jul 12 j 14:43	0° Ω		minimum elong	-1429 May 28 j 01:48	21° B 55'42	1°08'06
desc. node	-1430 Jul 13 j 20:21	1° Ω 41'51		max. Earth dist.	-1429 May 30 j 00:46	26° B 08'04	1.33323 AU
evening max el	-1430 Jul 25 j 10:48	15° Ω 20'26	27°08'57		-1429 May 31 j 20:28	0° II	
retrograde	-1430 Aug 07 j 18:25	22° Ω 40'03		evening rise	-1429 Jun 04 j 13:44	7° II 40'35	
evening set	-1430 Aug 14 j 17:39	19° Ω 53'18			-1429 Jun 16 j 16:02	0° B	
min. Earth dist.	-1430 Aug 18 j 12:58	16° Ω 11'29	0.65016 AU	desc. node	-1429 Jun 30 j 17:23	20° B 31'42	
inferior conj	-1430 Aug 20 j 15:03	13° Ω 50'44	-2°58'13	evening max el	-1429 Jul 07 j 21:06	28° B 25'49	27°25'17
minimum elong	-1430 Aug 20 j 19:09	13° Ω 39'14	2°56'54		-1429 Jul 09 j 14:20	0° Ω	
morning rise	-1430 Aug 26 j 21:15	8° Ω 17'09		retrograde	-1429 Jul 21 j 13:20	5° Ω 46'59	
direct	-1430 Aug 29 j 15:44	7° Ω 36'02		evening set	-1429 Jul 28 j 17:58	3° Ω 07'49	
asc. node	-1430 Aug 30 j 04:04	7° Ω 37'27			-1429 Aug 01 j 08:03	30° R B	
morning max el	-1430 Sep 05 j 04:23	11° Ω 07'21	18°10'42	min. Earth dist.	-1429 Aug 01 j 08:24	29° B 59'08	0.63481 AU
	-1430 Sep 18 j 05:36	0° M		inferior conj	-1429 Aug 04 j 00:01	27° B 17'50	-3°43'55
morning set	-1430 Sep 23 j 12:38	8° M 47'34		minimum elong	-1429 Aug 04 j 04:24	27° B 06'40	3°42'50
	-1430 Oct 06 j 12:23	0° $\underline{\text{A}}$		morning rise	-1429 Aug 10 j 15:52	22° B 01'48	
				direct	-1429 Aug 13 j 06:06	21° B 29'13	
superior conj	-1430 Oct 07 j 17:27	1° $\underline{\text{A}}$ 56'02	0°13'36	asc. node	-1429 Aug 17 j 01:08	22° B 39'38	
minimum elong	-1430 Oct 07 j 19:08	2° $\underline{\text{A}}$ 02'44	0°13'23	morning max el	-1429 Aug 19 j 19:52	24° B 54'21	17°55'18
behind sun begin	-1430 Oct 07 j 12:54	1° $\underline{\text{A}}$ 37'53			-1429 Aug 24 j 00:20	0° Ω	
behind sun end	-1430 Oct 08 j 01:22	2° $\underline{\text{A}}$ 27'33		morning set	-1429 Sep 05 j 13:45	20° Ω 46'52	
desc. node	-1430 Oct 09 j 19:41	5° $\underline{\text{A}}$ 15'38			-1429 Sep 10 j 21:29	0° M	
max. Earth dist.	-1430 Oct 11 j 05:23	7° $\underline{\text{A}}$ 28'54	1.44753 AU				
evening rise	-1430 Oct 24 j 06:26	27° $\underline{\text{A}}$ 52'26		superior conj	-1429 Sep 17 j 18:13	11° M 34'10	0°56'22
	-1430 Oct 25 j 15:19	0° M		minimum elong	-1429 Sep 17 j 23:20	11° M 55'20	0°55'45
greatest brilliancy	-1430 Nov 05 j 21:46	17° M 18'01	-0.7m	max. Earth dist.	-1429 Sep 23 j 21:36	21° M 34'18	1.43857 AU
	-1430 Nov 14 j 21:17	0° A		desc. node	-1429 Sep 26 j 16:42	26° M 01'46	
evening max el	-1430 Nov 18 j 06:21	3° A 54'50	19°44'03		-1429 Sep 29 j 05:09	0° $\underline{\text{A}}$	
retrograde	-1430 Nov 25 j 16:26	8° A 14'13		evening rise	-1429 Oct 03 j 13:05	6° $\underline{\text{A}}$ 44'25	
asc. node	-1430 Nov 26 j 03:17	8° A 13'03			-1429 Oct 19 j 00:12	0° M	
evening set	-1430 Nov 29 j 04:38	7° A 02'11		evening max el	-1429 Nov 01 j 07:50	17° M 21'50	20°46'55
inferior conj	-1430 Dec 04 j 17:12	1° A 03'02	2°39'03	retrograde	-1429 Nov 09 j 13:58	22° M 15'06	
minimum elong	-1430 Dec 04 j 14:20	1° A 12'28	2°38'10	evening set	-1429 Nov 13 j 11:41	20° M 47'45	
	-1430 Dec 05 j 12:21	30° R M		asc. node	-1429 Nov 13 j 00:19	21° M 07'49	
min. Earth dist.	-1430 Dec 05 j 18:05	29° M 41'12	0.66477 AU	inferior conj	-1429 Nov 18 j 21:16	14° M 37'55	1°55'21
morning rise	-1430 Dec 09 j 23:50	24° M 50'35		minimum elong	-1429 Nov 18 j 18:54	14° M 46'00	1°54'28
direct	-1430 Dec 16 j 00:51	22° M 10'31		min. Earth dist.	-1429 Nov 19 j 10:04	13° M 54'15	0.67165 AU
morning max el	-1430 Dec 28 j 04:17	29° M 22'20	25°34'49	morning rise	-1429 Nov 24 j 01:56	8° M 23'48	
	-1430 Dec 28 j 19:04	0° A		direct	-1429 Nov 29 j 11:59	6° M 01'55	
desc. node	-1429 Jan 05 j 18:57	9° A 23'10		morning max el	-1429 Dec 10 j 12:49	12° M 36'56	24°11'12
	-1429 Jan 20 j 02:40	0° B		desc. node	-1429 Dec 23 j 15:59	28° M 46'25	
morning set	-1429 Feb 02 j 10:51	22° B 35'42			-1429 Dec 24 j 13:06	0° A	
max. Earth dist.	-1429 Feb 06 j 05:55	29° B 38'57	1.36170 AU		-1428 Jan 12 j 22:23	0° B	
	-1429 Feb 06 j 10:21	0° \approx		morning set	-1428 Jan 15 j 07:21	4° B 03'38	
				max. Earth dist.	-1428 Jan 19 j 02:12	10° B 43'50	1.38122 AU
superior conj	-1429 Feb 11 j 22:38	10° \approx 45'42	-1°30'40				
minimum elong	-1429 Feb 12 j 02:14	11° \approx 03'39	1°30'14	superior conj	-1428 Jan 26 j 03:48	23° B 50'07	-1°48'38
evening rise	-1429 Feb 19 j 23:54	27° \approx 07'46		minimum elong	-1428 Jan 26 j 06:58	24° B 05'17	1°48'25
	-1429 Feb 21 j 10:03	0° H			-1428 Jan 29 j 08:17	0° \approx	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening rise	-1428 Feb 03 j 22:45	11° \approx 02'28			-1427 Jan 20 j 11:17	0° \approx	
asc. node	-1428 Feb 08 j 23:39	20° \approx 44'57		asc. node	-1427 Jan 25 j 20:41	9° \approx 40'17	
	-1428 Feb 14 j 08:46	0° X		evening max el	-1427 Feb 02 j 18:11	20° \approx 28'46	18°24'19
evening max el	-1428 Feb 20 j 13:37	7° X 51'58	18°59'54	retrograde	-1427 Feb 10 j 03:12	24° \approx 06'50	
retrograde	-1428 Feb 29 j 01:38	11° X 57'18		evening set	-1427 Feb 12 j 15:27	23° \approx 42'48	
evening set	-1428 Mar 02 j 09:10	11° X 40'24		inferior conj	-1427 Feb 19 j 22:05	19° \approx 07'32	3°31'33
inferior conj	-1428 Mar 10 j 09:17	7° X 25'20	2°37'27	minimum elong	-1427 Feb 20 j 01:15	19° \approx 00'59	3°31'03
minimum elong	-1428 Mar 10 j 13:53	7° X 17'12	2°36'16	min. Earth dist.	-1427 Feb 23 j 08:19	16° \approx 19'52	0.58997 AU
min. Earth dist.	-1428 Mar 13 j 13:02	5° X 12'45	0.57072 AU	morning rise	-1427 Feb 27 j 08:42	13° \approx 38'16	
morning rise	-1428 Mar 18 j 15:39	2° X 21'56		direct	-1427 Mar 05 j 14:44	11° \approx 55'43	
desc. node	-1428 Mar 20 j 15:08	1° X 42'28		desc. node	-1427 Mar 07 j 12:12	12° \approx 04'57	
direct	-1428 Mar 23 j 20:43	1° X 17'20		morning max el	-1427 Mar 19 j 21:56	19° \approx 34'50	26°55'20
morning max el	-1428 Apr 07 j 03:21	8° X 40'58	25°40'52		-1427 Mar 28 j 18:52	0° X	
	-1428 Apr 23 j 01:53	0° Y			-1427 Apr 15 j 16:06	0° Y	
morning set	-1428 May 04 j 14:58	21° Y 59'49		morning set	-1427 Apr 19 j 01:05	6° Y 52'57	
asc. node	-1428 May 06 j 23:00	26° Y 58'13		asc. node	-1427 Apr 23 j 20:02	17° Y 08'19	
	-1428 May 08 j 08:36	0° Z					
superior conj	-1428 May 11 j 14:57	7° Z 07'41	0°47'26	superior conj	-1427 Apr 26 j 02:41	22° Y 07'29	0°23'52
minimum elong	-1428 May 11 j 13:01	6° Z 57'11	0°47'05	minimum elong	-1427 Apr 26 j 01:39	22° Y 01'45	0°23'39
max. Earth dist.	-1428 May 12 j 10:28	8° Z 54'17	1.32693 AU	max. Earth dist.	-1427 Apr 25 j 23:19	21° Y 49'00	1.32428 AU
evening rise	-1428 May 18 j 17:05	22° Z 17'50			-1427 Apr 29 j 17:09	0° Z	
	-1428 May 22 j 13:01	0° II		evening rise	-1427 May 03 j 01:19	7° Z 08'04	
	-1428 Jun 09 j 16:20	0° E			-1427 May 15 j 02:23	0° II	
desc. node	-1428 Jun 16 j 14:23	8° E 23'27		evening max el	-1427 Jun 01 j 04:45	22° II 49'40	26°21'54
evening max el	-1428 Jun 19 j 03:50	10° E 59'02	27°09'59	desc. node	-1427 Jun 03 j 11:26	24° II 51'47	
retrograde	-1428 Jul 03 j 01:45	18° E 18'23			-1427 Jun 13 j 19:35	0° E	
evening set	-1428 Jul 10 j 02:53	16° E 01'06		retrograde	-1427 Jun 15 j 05:52	0° E 05'04	
min. Earth dist.	-1428 Jul 13 j 17:49	13° E 15'09	0.61623 AU		-1427 Jun 16 j 15:54	30° R II	
inferior conj	-1428 Jul 16 j 21:00	10° E 26'23	-4°18'53	evening set	-1427 Jun 21 j 15:47	28° II 22'15	
minimum elong	-1428 Jul 17 j 00:27	10° E 18'37	4°18'23	min. Earth dist.	-1427 Jun 25 j 17:52	25° II 43'17	0.59582 AU
morning rise	-1428 Jul 23 j 23:34	5° E 30'35		inferior conj	-1427 Jun 29 j 02:22	23° II 06'03	-4°35'41
direct	-1428 Jul 26 j 11:47	5° E 04'01		minimum elong	-1427 Jun 29 j 03:04	23° II 04'41	4°35'39
morning max el	-1428 Aug 02 j 10:06	8° E 31'48	17°58'21	morning rise	-1427 Jul 06 j 16:29	18° II 32'13	
asc. node	-1428 Aug 02 j 22:12	9° E 02'13		direct	-1427 Jul 09 j 04:37	18° II 09'51	
	-1428 Aug 16 j 09:33	0° O		morning max el	-1427 Jul 16 j 20:02	21° II 50'28	18°21'01
morning set	-1428 Aug 18 j 10:23	3° O 42'43		asc. node	-1427 Jul 20 j 19:17	26° II 28'43	
					-1427 Jul 23 j 04:47	0° E	
superior conj	-1428 Aug 28 j 22:36	22° O 34'20	1°26'09	morning set	-1427 Aug 01 j 21:11	17° E 20'10	
minimum elong	-1428 Aug 29 j 03:15	22° O 54'32	1°25'44		-1427 Aug 08 j 13:26	0° O	
	-1428 Sep 02 j 06:39	0° P		superior conj	-1427 Aug 11 j 03:30	4° O 47'22	1°42'39
max. Earth dist.	-1428 Sep 05 j 08:54	5° P 09'38	1.42388 AU	minimum elong	-1427 Aug 11 j 05:56	4° O 58'32	1°42'33
evening rise	-1428 Sep 11 j 23:46	15° P 50'46		max. Earth dist.	-1427 Aug 18 j 15:03	18° O 04'55	1.40533 AU
desc. node	-1428 Sep 12 j 13:44	16° P 45'51		evening rise	-1427 Aug 23 j 06:22	25° O 53'37	
	-1428 Sep 21 j 04:26	0° L			-1427 Aug 25 j 18:44	0° P	
evening max el	-1428 Oct 13 j 08:26	0° L		desc. node	-1427 Aug 30 j 10:46	7° P 23'58	
retrograde	-1428 Oct 14 j 03:29	0° L 49'27	22°00'37		-1427 Sep 14 j 22:26	0° L	
evening set	-1428 Oct 23 j 10:06	6° L 20'22		evening max el	-1427 Sep 26 j 18:15	14° L 18'59	23°20'19
asc. node	-1428 Oct 27 j 19:30	4° L 35'44		retrograde	-1427 Oct 07 j 03:25	20° L 27'18	
	-1428 Oct 31 j 22:11	30° R L		evening set	-1427 Oct 12 j 02:23	18° L 24'03	
inferior conj	-1428 Nov 02 j 03:41	28° L 18'50	1°06'27	asc. node	-1427 Oct 16 j 18:26	12° L 59'10	
minimum elong	-1428 Nov 02 j 02:12	28° L 23'59	1°05'49	inferior conj	-1427 Oct 17 j 10:38	12° L 03'42	0°13'58
min. Earth dist.	-1428 Nov 02 j 05:37	28° L 12'10	0.67520 AU	minimum elong	-1427 Oct 17 j 10:18	12° L 04'51	0°13'48
morning rise	-1428 Nov 07 j 08:44	22° L 05'31		transit middle	-1427 Oct 17 j 10:18	12° L 04'51	0°13'48
direct	-1428 Nov 12 j 03:39	20° L 05'21		transit begin	-1427 Oct 17 j 08:51	12° L 09'48	
morning max el	-1428 Nov 21 j 23:02	25° L 55'07	22°43'46	transit end	-1427 Oct 17 j 11:45	11° L 59'53	
	-1428 Nov 25 j 15:59	0° L		min. Earth dist.	-1427 Oct 17 j 02:13	12° L 32'34	0.67558 AU
desc. node	-1428 Dec 09 j 13:02	18° L 38'37		morning rise	-1427 Oct 22 j 18:07	5° L 53'55	
	-1428 Dec 17 j 02:51	0° J		direct	-1427 Oct 26 j 22:51	4° L 15'52	
morning set	-1428 Dec 26 j 00:30	14° J 09'40		morning max el	-1427 Nov 04 j 14:29	9° L 20'42	21°20'57
max. Earth dist.	-1428 Dec 30 j 21:51	22° J 20'59	1.40232 AU	desc. node	-1427 Nov 20 j 10:42	0° L	
	-1427 Jan 04 j 07:31	0° Z		morning set	-1427 Dec 05 j 13:20	22° L 56'00	
superior conj	-1427 Jan 07 j 16:45	6° Z 04'04	-1°58'40		-1427 Dec 09 j 23:42	0° J	
minimum elong	-1427 Jan 07 j 17:56	6° Z 09'25	1°58'39	max. Earth dist.	-1427 Dec 12 j 23:56	4° J 54'03	1.42205 AU
evening rise	-1427 Jan 17 j 12:15	24° Z 24'54		superior conj	-1427 Dec 20 j 08:00	17° J 13'59	-1°56'44

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1427 Dec 20 j 05:20	17° Z 02'30	1°56'40	max. Earth dist.	-1426 Nov 25 j 09:46	18° M 18'41	1.43765 AU
	-1427 Dec 27 j 14:10	0° Z					
evening rise	-1427 Dec 31 j 12:48	7° Z 07'24		superior conj	-1426 Nov 30 j 20:40	27° M 08'17	-1°38'38
asc. node	-1426 Jan 12 j 17:44	28° Z 00'12		minimum elong	-1426 Nov 30 j 13:45	26° M 40'02	1°38'06
	-1426 Jan 14 j 04:22	0° \approx			-1426 Dec 02 j 14:26	0° Z	
evening max el	-1426 Jan 17 j 04:11	3° \approx 28'32	18°08'39	evening rise	-1426 Dec 13 j 20:06	19° Z 00'45	
retrograde	-1426 Jan 23 j 21:46	6° \approx 55'10			-1426 Dec 20 j 05:22	0° Z	
evening set	-1426 Jan 26 j 14:05	6° \approx 22'47		asc. node	-1426 Dec 30 j 14:47	15° Z 33'10	
inferior conj	-1426 Feb 02 j 06:20	1° \approx 25'50	3°53'29	evening max el	-1426 Dec 31 j 16:31	16° Z 42'07	18°12'21
minimum elong	-1426 Feb 02 j 07:03	1° \approx 24'07	3°53'25	retrograde	-1425 Jan 07 j 04:46	20° Z 10'41	
	-1426 Feb 03 j 18:15	30° K Z		evening set	-1425 Jan 10 j 01:02	19° Z 29'08	
min. Earth dist.	-1426 Feb 05 j 09:54	28° Z 27'36	0.61071 AU	inferior conj	-1425 Jan 16 j 06:14	14° Z 11'42	3°51'22
morning rise	-1426 Feb 08 j 22:35	25° Z 39'04		minimum elong	-1425 Jan 16 j 04:54	14° Z 15'15	3°51'15
direct	-1426 Feb 15 j 19:23	23° Z 20'51		min. Earth dist.	-1425 Jan 18 j 20:32	11° Z 25'05	0.63010 AU
desc. node	-1426 Feb 22 j 09:15	25° Z 13'50		morning rise	-1425 Jan 22 j 07:59	8° Z 13'26	
	-1426 Feb 28 j 18:37	0° \approx		direct	-1425 Jan 29 j 08:33	5° Z 30'52	
morning max el	-1426 Mar 01 j 22:51	1° \approx 07'26	27°37'49	desc. node	-1425 Feb 09 j 06:18	10° Z 37'01	
	-1426 Mar 22 j 21:55	0° X		morning max el	-1425 Feb 12 j 05:18	13° Z 20'12	27°43'39
morning set	-1426 Apr 03 j 07:39	21° X 33'24			-1425 Feb 25 j 15:23	0° \approx	
	-1426 Apr 07 j 07:54	0° Y			-1425 Mar 15 j 08:45	0° X	
max. Earth dist.	-1426 Apr 09 j 11:34	4° Y 39'26	1.32523 AU	morning set	-1425 Mar 18 j 08:22	5° X 52'54	
				max. Earth dist.	-1425 Mar 23 j 19:09	17° X 10'50	1.32989 AU
superior conj	-1426 Apr 10 j 13:51	7° Y 02'42	-0°01'26				
minimum elong	-1426 Apr 10 j 13:55	7° Y 03'02	0°01'25	superior conj	-1425 Mar 25 j 22:39	21° X 46'44	-0°27'35
behind sun begin	-1426 Apr 10 j 08:52	6° Y 35'29		minimum elong	-1425 Mar 25 j 23:57	21° X 53'42	0°27'19
behind sun end	-1426 Apr 10 j 18:57	7° Y 30'35		asc. node	-1425 Mar 28 j 14:08	27° X 29'57	
asc. node	-1426 Apr 10 j 17:06	7° Y 20'30			-1425 Mar 29 j 17:53	0° Y	
evening rise	-1426 Apr 17 j 12:17	22° Y 03'56		evening rise	-1425 Apr 02 j 00:04	6° Y 57'59	
	-1426 Apr 21 j 08:57	0° B			-1425 Apr 14 j 05:44	0° B	
	-1426 May 10 j 05:32	0° II		evening max el	-1425 Apr 25 j 13:58	14° B 36'50	23°33'37
evening max el	-1426 May 13 j 23:05	3° II 57'05	25°05'52	desc. node	-1425 May 08 j 05:29	21° B 23'20	
desc. node	-1426 May 21 j 08:27	9° II 23'53		retrograde	-1425 May 09 j 05:11	21° B 25'33	
retrograde	-1426 May 27 j 23:30	11° II 04'53		evening set	-1425 May 13 j 01:33	20° B 52'55	
evening set	-1426 Jun 02 j 06:00	10° II 00'54		min. Earth dist.	-1425 May 20 j 00:34	17° B 39'58	0.56006 AU
min. Earth dist.	-1426 Jun 07 j 10:53	7° II 11'52	0.57602 AU	inferior conj	-1425 May 22 j 02:55	16° B 24'39	-3°30'57
inferior conj	-1426 Jun 10 j 12:42	5° II 07'09	-4°23'30	minimum elong	-1425 May 21 j 20:16	16° B 34'39	3°29'21
minimum elong	-1426 Jun 10 j 09:11	5° II 13'08	4°23'06	morning rise	-1425 May 30 j 17:51	12° B 27'23	
morning rise	-1426 Jun 18 j 15:09	0° II 54'42		direct	-1425 Jun 02 j 08:38	12° B 10'20	
direct	-1426 Jun 21 j 04:18	0° II 35'30		morning max el	-1425 Jun 12 j 15:45	16° B 56'12	20°08'18
morning max el	-1426 Jun 29 j 22:44	4° II 41'22	19°04'16		-1425 Jun 22 j 11:25	0° II	
asc. node	-1426 Jul 07 j 16:22	14° II 44'59		asc. node	-1425 Jun 24 j 13:25	3° II 39'26	
	-1426 Jul 16 j 00:05	0° D		morning set	-1425 Jun 30 j 21:54	15° II 59'24	
morning set	-1426 Jul 16 j 18:03	1° D 28'24			-1425 Jul 07 j 18:38	0° D	
superior conj	-1426 Jul 25 j 03:12	17° D 57'35	1°48'00	superior conj	-1425 Jul 08 j 16:32	1° D 50'20	1°44'35
minimum elong	-1426 Jul 25 j 03:24	17° D 58'31	1°48'01	minimum elong	-1425 Jul 08 j 15:06	1° D 43'10	1°44'32
max. Earth dist.	-1426 Jul 31 j 17:58	0° O 19'21	1.38535 AU	max. Earth dist.	-1425 Jul 13 j 22:36	12° D 09'03	1.36648 AU
	-1426 Jul 31 j 13:41	0° O		evening rise	-1425 Jul 17 j 21:14	19° D 31'22	
evening rise	-1426 Aug 04 j 14:19	7° O 08'40			-1425 Jul 23 j 19:49	0° O	
desc. node	-1426 Aug 17 j 07:48	27° O 51'45		desc. node	-1425 Aug 04 j 04:49	18° O 03'49	
	-1426 Aug 18 j 17:43	0° P			-1425 Aug 12 j 19:03	0° P	
evening max el	-1426 Sep 09 j 06:05	27° P 51'20	24°39'38	evening max el	-1425 Aug 22 j 17:12	11° P 26'06	25°51'10
	-1426 Sep 11 j 13:23	0° P		retrograde	-1425 Sep 04 j 01:57	18° P 30'41	
retrograde	-1426 Sep 20 j 16:53	4° P 32'16		evening set	-1425 Sep 10 j 06:17	15° P 53'54	
evening set	-1426 Sep 26 j 06:36	2° P 10'44		min. Earth dist.	-1425 Sep 14 j 12:53	11° P 13'11	0.66677 AU
	-1426 Sep 28 j 10:09	30° K P		inferior conj	-1425 Sep 15 j 19:04	9° P 37'32	-1°35'32
min. Earth dist.	-1426 Sep 30 j 21:25	26° P 53'36	0.67283 AU	minimum elong	-1425 Sep 15 j 21:25	9° P 30'05	1°34'35
inferior conj	-1426 Oct 01 j 16:20	25° P 50'34	-0°40'35	asc. node	-1425 Sep 20 j 12:34	4° P 26'15	
minimum elong	-1426 Oct 01 j 17:20	25° P 47'16	0°40'09	morning rise	-1425 Sep 21 j 12:47	3° P 43'09	
asc. node	-1426 Oct 03 j 15:31	23° P 17'46		direct	-1425 Sep 24 j 18:37	2° P 42'30	
morning rise	-1426 Oct 07 j 04:06	19° P 47'01		morning max el	-1425 Oct 01 j 19:32	6° P 41'03	19°10'08
direct	-1426 Oct 10 j 20:19	18° P 29'17			-1425 Oct 18 j 10:18	0° P	
morning max el	-1426 Oct 18 j 13:21	22° P 56'13	20°08'34	morning set	-1425 Oct 24 j 16:31	9° P 46'32	
	-1426 Oct 24 j 11:09	0° P		desc. node	-1425 Oct 31 j 04:10	19° P 55'56	
desc. node	-1426 Nov 13 j 07:07	29° P 18'37			-1425 Nov 06 j 14:04	0° M	
	-1426 Nov 13 j 17:50	0° M		max. Earth dist.	-1425 Nov 08 j 01:14	2° M 18'32	1.44715 AU
morning set	-1426 Nov 14 j 10:35	1° M 04'42					

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1425 Nov 10 j 08:04	5° \mathbb{M} 55'16	-1°02'48	desc. node	-1424 Oct 17 j 01:11	10° $\underline{\mathfrak{A}}$ 39'07	
minimum elong	-1425 Nov 10 j 00:48	5° \mathbb{M} 26'26	1°01'58				
evening rise	-1425 Nov 25 j 05:51	29° \mathbb{M} 57'36		superior conj	-1424 Oct 19 j 08:05	14° $\underline{\mathfrak{A}}$ 15'47	-0°14'49
	-1425 Nov 25 j 06:26	0° \mathfrak{A}		minimum elong	-1424 Oct 19 j 06:08	14° $\underline{\mathfrak{A}}$ 08'04	0°14'33
evening max el	-1425 Dec 15 j 04:35	0° \mathfrak{B} 04'14	18°34'35	behind sun begin	-1424 Oct 19 j 01:00	13° $\underline{\mathfrak{A}}$ 47'52	
	-1425 Dec 15 j 02:56	0° \mathfrak{B}		behind sun end	-1424 Oct 19 j 11:15	14° $\underline{\mathfrak{A}}$ 28'16	
asc. node	-1425 Dec 17 j 11:48	2° \mathfrak{B} 06'17		max. Earth dist.	-1424 Oct 20 j 19:14	16° $\underline{\mathfrak{A}}$ 34'12	1.44949 AU
retrograde	-1425 Dec 21 j 19:48	3° \mathfrak{B} 45'27			-1424 Oct 29 j 08:26	0° \mathbb{M}	
evening set	-1425 Dec 24 j 20:55	2° \mathfrak{B} 53'34		evening rise	-1424 Nov 04 j 15:20	9° \mathbb{M} 53'29	
	-1425 Dec 28 j 08:44	30° \mathfrak{R} \mathfrak{A}		greatest brilliancy	-1424 Nov 14 j 12:55	25° \mathbb{M} 26'53	-0.8m
inferior conj	-1425 Dec 30 j 17:55	27° \mathfrak{A} 17'56	3°32'15		-1424 Nov 17 j 12:01	0° \mathfrak{A}	
minimum elong	-1425 Dec 30 j 15:24	27° \mathfrak{A} 25'24	3°31'48	evening max el	-1424 Nov 27 j 14:00	13° \mathfrak{A} 30'33	19°14'13
min. Earth dist.	-1424 Jan 01 j 17:08	24° \mathfrak{A} 58'22	0.64651 AU	asc. node	-1424 Dec 03 j 08:50	17° \mathfrak{A} 24'32	
morning rise	-1424 Jan 05 j 09:25	21° \mathfrak{A} 12'07		retrograde	-1424 Dec 04 j 15:21	17° \mathfrak{A} 33'36	
direct	-1424 Jan 12 j 05:09	18° \mathfrak{A} 19'59		evening set	-1424 Dec 07 j 22:56	16° \mathfrak{A} 29'36	
morning max el	-1424 Jan 25 j 14:39	26° \mathfrak{A} 04'36	27°14'35	inferior conj	-1424 Dec 13 j 14:02	10° \mathfrak{A} 38'25	3°01'06
desc. node	-1424 Jan 27 j 03:21	27° \mathfrak{A} 39'08		minimum elong	-1424 Dec 13 j 11:07	10° \mathfrak{A} 47'44	3°00'19
	-1424 Jan 29 j 06:25	0° \mathfrak{B}		min. Earth dist.	-1424 Dec 14 j 22:43	8° \mathfrak{A} 54'21	0.65921 AU
	-1424 Feb 19 j 04:07	0° \approx		morning rise	-1424 Dec 18 j 23:00	4° \mathfrak{A} 27'49	
morning set	-1424 Mar 01 j 00:21	19° \approx 42'03		direct	-1424 Dec 25 j 08:00	1° \mathfrak{A} 39'59	
max. Earth dist.	-1424 Mar 05 j 17:59	29° \approx 10'41	1.33869 AU	morning max el	-1423 Jan 07 j 00:08	9° \mathfrak{A} 07'46	26°17'09
	-1424 Mar 06 j 03:35	0° \mathfrak{H}		desc. node	-1423 Jan 13 j 00:25	15° \mathfrak{A} 51'32	
					-1423 Jan 23 j 11:18	0° \mathfrak{B}	
superior conj	-1424 Mar 09 j 03:13	6° \mathfrak{H} 13'32	-0°53'33		-1423 Feb 10 j 15:17	0° \approx	
minimum elong	-1424 Mar 09 j 05:41	6° \mathfrak{H} 26'33	0°53'06	morning set	-1423 Feb 12 j 03:44	2° \approx 48'58	
asc. node	-1424 Mar 14 j 11:10	17° \mathfrak{H} 32'45		max. Earth dist.	-1423 Feb 16 j 05:10	10° \approx 35'13	1.35200 AU
evening rise	-1424 Mar 16 j 10:51	21° \mathfrak{H} 43'55					
	-1424 Mar 20 j 12:18	0° \mathfrak{Y}		superior conj	-1423 Feb 21 j 01:14	20° \approx 16'12	-1°18'00
evening max el	-1424 Apr 06 j 08:10	25° \mathfrak{Y} 18'15	21°59'46	minimum elong	-1423 Feb 21 j 04:35	20° \approx 33'20	1°17'30
	-1424 Apr 12 j 19:54	0° \mathfrak{B}			-1423 Feb 25 j 18:12	0° \mathfrak{H}	
retrograde	-1424 Apr 18 j 23:19	1° \mathfrak{B} 28'06		evening rise	-1423 Feb 28 j 18:47	6° \mathfrak{H} 15'48	
evening set	-1424 Apr 21 j 15:57	1° \mathfrak{B} 11'58		asc. node	-1423 Mar 01 j 08:11	7° \mathfrak{H} 24'29	
desc. node	-1424 Apr 24 j 02:30	0° \mathfrak{B} 31'31			-1423 Mar 14 j 00:28	0° \mathfrak{Y}	
	-1424 Apr 25 j 10:58	30° \mathfrak{R} \mathfrak{Y}		evening max el	-1423 Mar 19 j 11:34	6° \mathfrak{Y} 26'57	20°36'11
min. Earth dist.	-1424 Apr 30 j 13:55	27° \mathfrak{Y} 22'38	0.55137 AU	retrograde	-1423 Mar 30 j 12:32	11° \mathfrak{Y} 44'23	
inferior conj	-1424 May 01 j 01:40	27° \mathfrak{Y} 06'07	-1°55'56	evening set	-1423 Apr 01 j 17:32	11° \mathfrak{Y} 32'34	
minimum elong	-1424 Apr 30 j 20:29	27° \mathfrak{Y} 13'25	1°54'13	inferior conj	-1423 Apr 10 j 20:46	7° \mathfrak{Y} 35'09	0°01'57
morning rise	-1424 May 10 j 02:17	23° \mathfrak{Y} 09'25		minimum elong	-1423 Apr 10 j 20:52	7° \mathfrak{Y} 35'01	0°01'56
direct	-1424 May 12 j 22:25	22° \mathfrak{Y} 51'25		transit middle	-1423 Apr 10 j 20:52	7° \mathfrak{Y} 35'01	0°01'56
morning max el	-1424 May 24 j 21:49	28° \mathfrak{Y} 29'03	21°31'19	transit begin	-1423 Apr 10 j 16:50	7° \mathfrak{Y} 40'51	
	-1424 May 26 j 10:41	0° \mathfrak{B}		transit end	-1423 Apr 11 j 00:54	7° \mathfrak{Y} 29'11	
asc. node	-1424 Jun 10 j 10:28	23° \mathfrak{B} 02'20		desc. node	-1423 Apr 10 j 23:32	7° \mathfrak{Y} 31'09	
	-1424 Jun 13 j 21:26	0° \mathbb{I}		min. Earth dist.	-1423 Apr 12 j 03:50	6° \mathfrak{Y} 50'18	0.55202 AU
morning set	-1424 Jun 14 j 06:21	0° \mathbb{I} 45'58		morning rise	-1423 Apr 19 j 23:00	3° \mathfrak{Y} 20'46	
				direct	-1423 Apr 23 j 10:25	2° \mathfrak{Y} 54'31	
superior conj	-1424 Jun 21 j 15:20	16° \mathbb{I} 12'48	1°34'26	morning max el	-1423 May 06 j 18:08	9° \mathfrak{Y} 23'33	23°07'55
minimum elong	-1424 Jun 21 j 13:01	16° \mathbb{I} 00'43	1°34'13		-1423 May 21 j 16:50	0° \mathfrak{B}	
max. Earth dist.	-1424 Jun 25 j 10:42	24° \mathbb{I} 00'55	1.35061 AU	asc. node	-1423 May 28 j 07:31	12° \mathfrak{B} 46'27	
	-1424 Jun 28 j 11:14	0° \mathfrak{B}		morning set	-1423 May 29 j 17:29	15° \mathfrak{B} 42'46	
evening rise	-1424 Jun 29 j 22:08	2° \mathfrak{B} 48'15			-1423 Jun 05 j 10:09	0° \mathbb{I}	
	-1424 Jul 15 j 17:32	0° \mathfrak{Q}					
desc. node	-1424 Jul 21 j 01:50	7° \mathfrak{Q} 52'26		superior conj	-1423 Jun 05 j 20:35	0° \mathbb{I} 55'48	1°19'08
evening max el	-1424 Aug 04 j 04:46	24° \mathfrak{Q} 57'50	26°47'04	minimum elong	-1423 Jun 05 j 18:02	0° \mathbb{I} 42'08	1°18'48
	-1424 Aug 10 j 11:11	0° \mathfrak{M}		max. Earth dist.	-1423 Jun 08 j 08:49	6° \mathbb{I} 14'51	1.33853 AU
retrograde	-1424 Aug 17 j 05:57	2° \mathfrak{M} 15'08		evening rise	-1423 Jun 13 j 12:18	16° \mathbb{I} 46'04	
	-1424 Aug 23 j 07:44	30° \mathfrak{R} \mathfrak{Q}			-1423 Jun 20 j 12:27	0° \mathfrak{B}	
evening set	-1424 Aug 23 j 23:09	29° \mathfrak{Q} 29'28		desc. node	-1423 Jul 07 j 22:50	27° \mathfrak{B} 07'43	
min. Earth dist.	-1424 Aug 27 j 22:18	25° \mathfrak{Q} 26'15	0.65721 AU		-1423 Jul 10 j 04:44	0° \mathfrak{Q}	
inferior conj	-1424 Aug 29 j 16:47	23° \mathfrak{Q} 20'39	-2°29'03	evening max el	-1423 Jul 17 j 16:19	8° \mathfrak{Q} 17'30	27°19'38
minimum elong	-1424 Aug 29 j 20:21	23° \mathfrak{Q} 10'06	2°27'46	retrograde	-1423 Jul 31 j 04:18	15° \mathfrak{Q} 38'12	
morning rise	-1424 Sep 04 j 18:00	17° \mathfrak{Q} 38'23		evening set	-1423 Aug 07 j 06:30	12° \mathfrak{Q} 53'25	
asc. node	-1424 Sep 06 j 09:37	17° \mathfrak{Q} 00'05		min. Earth dist.	-1423 Aug 10 j 23:27	9° \mathfrak{Q} 26'10	0.64404 AU
direct	-1424 Sep 07 j 15:51	16° \mathfrak{Q} 51'13		inferior conj	-1423 Aug 13 j 07:12	6° \mathfrak{Q} 55'42	-3°18'35
morning max el	-1424 Sep 14 j 07:13	20° \mathfrak{Q} 30'22	18°27'31	minimum elong	-1423 Aug 13 j 11:32	6° \mathfrak{Q} 43'59	3°17'19
	-1424 Sep 21 j 14:19	0° \mathfrak{M}		morning rise	-1423 Aug 19 j 17:20	1° \mathfrak{Q} 28'53	
morning set	-1424 Oct 03 j 23:57	19° \mathfrak{M} 45'25		direct	-1423 Aug 22 j 09:43	0° \mathfrak{Q} 51'43	
	-1424 Oct 10 j 08:29	0° $\underline{\mathfrak{A}}$		asc. node	-1423 Aug 24 j 06:41	1° \mathfrak{Q} 09'58	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning max el	-1423 Aug 28 j 22:01	4°Ω19'37	18°01'53	morning max el	-1422 Aug 12 j 13:15	18°Ω03'06	17°54'16
	-1423 Sep 14 j 19:49	0°൬			-1422 Aug 21 j 03:42	0°Ω	
morning set	-1423 Sep 15 j 11:13	1°൬05'16		morning set	-1422 Aug 28 j 21:22	13°Ω30'53	
					-1422 Sep 07 j 07:14	0°൬	
superior conj	-1423 Sep 28 j 18:57	23°൬11'55	0°33'07	superior conj	-1422 Sep 09 j 07:23	3°൬24'34	1°10'43
minimum elong	-1423 Sep 28 j 22:39	23°൬26'50	0°32'37	minimum elong	-1422 Sep 09 j 12:40	3°൬46'51	1°10'08
	-1423 Oct 03 j 00:47	0°Ω			-1422 Sep 16 j 04:08	14°൬46'03	1.43295 AU
max. Earth dist.	-1423 Oct 03 j 13:10	0°Ω49'15	1.44454 AU	max. Earth dist.	-1422 Sep 20 j 19:14	22°൬10'48	
desc. node	-1423 Oct 03 j 22:12	1°Ω25'04		desc. node	-1422 Sep 24 j 10:17	27°൬52'09	
evening rise	-1423 Oct 15 j 04:15	18°Ω59'53		evening rise	-1422 Sep 25 j 19:16	0°Ω	
	-1423 Oct 22 j 08:27	0°൬			-1422 Oct 16 j 04:58	0°൬	
greatest brilliancy	-1423 Oct 29 j 04:07	10°൬15'26	-0.6m		-1422 Oct 24 j 17:54	10°൬25'52	21°17'15
evening max el	-1423 Nov 10 j 18:51	26°൬58'15	20°09'20	evening max el	-1422 Nov 02 j 09:47	15°൬34'27	
	-1423 Nov 14 j 06:54	0°♂		retrograde	-1422 Nov 06 j 12:21	13°൬59'45	
retrograde	-1423 Nov 18 j 12:42	1°♂30'55		evening set	-1422 Nov 07 j 02:55	13°൬29'27	
asc. node	-1423 Nov 20 j 05:52	1°♂14'02		asc. node	-1422 Nov 11 j 21:08	7°൬46'30	1°35'10
evening set	-1423 Nov 22 j 04:44	0°♂12'38		inferior conj	-1422 Nov 11 j 19:06	7°൬53'30	1°34'21
	-1423 Nov 22 j 11:34	30°൬		minimum elong	-1422 Nov 12 j 05:08	7°൬19'01	0.67354 AU
inferior conj	-1423 Nov 27 j 15:51	24°൬08'48	2°21'17	min. Earth dist.	-1422 Nov 17 j 01:43	1°൬32'42	
minimum elong	-1423 Nov 27 j 13:08	24°൬17'52	2°20'21	morning rise	-1422 Nov 19 j 08:32	30°൬	
min. Earth dist.	-1423 Nov 28 j 11:27	23°൬03'10	0.66815 AU	direct	-1422 Nov 22 j 05:17	29°Ω20'00	
morning rise	-1423 Dec 02 j 21:21	17°൬55'34			-1422 Nov 25 j 07:06	0°൬	
direct	-1423 Dec 08 j 16:16	15°൬22'23		morning max el	-1422 Dec 02 j 17:34	5°൬35'43	23°34'05
morning max el	-1423 Dec 20 j 08:39	22°൬19'25	25°00'20	desc. node	-1422 Dec 17 j 18:30	24°൬30'20	
	-1423 Dec 27 j 02:38	0°♂			-1422 Dec 21 j 13:41	0°♂	
desc. node	-1423 Dec 30 j 21:27	4°♂53'21		morning set	-1421 Jan 06 j 22:47	25°♂52'25	
	-1422 Jan 16 j 18:36	0°Ω			-1421 Jan 09 j 08:41	0°Ω	
morning set	-1422 Jan 25 j 13:16	14°Ω57'44		max. Earth dist.	-1421 Jan 11 j 01:12	2°Ω56'25	1.39019 AU
max. Earth dist.	-1422 Jan 29 j 05:36	21°Ω39'10	1.36967 AU				
	-1422 Feb 02 j 15:26	0°≈		superior conj	-1421 Jan 18 j 12:35	16°Ω30'11	-1°54'04
superior conj	-1422 Feb 04 j 13:40	3°≈45'11	-1°39'02	minimum elong	-1421 Jan 18 j 15:09	16°Ω42'08	1°53'57
minimum elong	-1422 Feb 04 j 17:13	4°≈02'41	1°38'41		-1421 Jan 25 j 13:46	0°≈	
evening rise	-1422 Feb 12 j 21:41	20°≈26'20		evening rise	-1421 Jan 27 j 17:01	4°≈08'55	
asc. node	-1422 Feb 16 j 05:12	26°≈59'23		asc. node	-1421 Feb 03 j 02:15	16°≈11'30	
	-1422 Feb 17 j 19:00	0°♂			-1421 Feb 12 j 13:21	0°♂	
evening max el	-1422 Mar 02 j 01:51	18°♂11'36	19°29'25	evening max el	-1421 Feb 13 j 01:53	0°♂31'08	18°42'13
retrograde	-1422 Mar 11 j 09:57	22°♂39'34		retrograde	-1421 Feb 21 j 01:00	4°♂23'08	
evening set	-1422 Mar 13 j 15:22	22°♂25'29		evening set	-1421 Feb 23 j 10:35	4°♂03'23	
inferior conj	-1422 Mar 22 j 02:11	18°♂19'38	1°49'40		-1421 Mar 02 j 16:05	30°൬≈	
minimum elong	-1422 Mar 22 j 06:16	18°♂13'02	1°48'24	inferior conj	-1421 Mar 03 j 02:54	29°≈39'41	3°04'46
min. Earth dist.	-1422 Mar 24 j 18:21	16°♂36'25	0.56184 AU	minimum elong	-1421 Mar 03 j 07:10	29°≈31'38	3°03'50
desc. node	-1422 Mar 28 j 20:35	14°♂20'37		min. Earth dist.	-1421 Mar 06 j 11:09	27°≈09'45	0.57854 AU
morning rise	-1422 Mar 30 j 18:31	13°♂35'01		morning rise	-1421 Mar 11 j 01:03	24°≈24'15	
direct	-1422 Apr 04 j 07:20	12°♂48'31		desc. node	-1421 Mar 15 j 17:38	23°≈06'52	
morning max el	-1422 Apr 18 j 09:10	19°♂56'01	24°47'45	direct	-1421 Mar 16 j 17:30	23°≈04'24	
	-1422 Apr 26 j 21:56	0°൬			-1421 Mar 30 j 10:25	0°♂	
	-1422 May 13 j 21:22	0°♂		morning max el	-1421 Mar 31 j 01:16	0°♂35'21	26°15'51
morning set	-1422 May 14 j 05:34	0°♂43'02			-1421 Apr 20 j 18:01	0°൬	
asc. node	-1422 May 15 j 04:34	2°♂44'39		morning set	-1421 Apr 28 j 16:55	15°൬40'55	
				asc. node	-1421 May 02 j 01:37	22°൬51'53	
superior conj	-1422 May 21 j 05:52	15°♂50'33	0°59'54		-1421 May 05 j 08:01	0°♂	
minimum elong	-1422 May 21 j 03:36	15°♂38'11	0°59'32	superior conj	-1421 May 05 j 17:14	0°♂50'28	0°37'41
max. Earth dist.	-1422 May 22 j 15:24	18°♂52'10	1.33020 AU	minimum elong	-1421 May 05 j 15:39	0°♂41'47	0°37'23
	-1422 May 27 j 21:44	0°II		max. Earth dist.	-1421 May 06 j 03:04	1°♂44'19	1.32544 AU
evening rise	-1422 May 28 j 11:45	1°II11'45		evening rise	-1421 May 12 j 17:29	15°♂55'27	
	-1422 Jun 13 j 11:24	0°Ω			-1421 May 19 j 20:41	0°II	
desc. node	-1422 Jun 24 j 19:51	15°Ω35'15			-1421 Jun 08 j 21:59	0°Ω	
evening max el	-1422 Jun 30 j 01:38	21°Ω11'19	27°22'48	desc. node	-1421 Jun 11 j 16:52	2°Ω54'55	
retrograde	-1422 Jul 13 j 20:15	28°Ω30'56		evening max el	-1421 Jun 12 j 05:58	3°Ω26'35	26°53'13
evening set	-1422 Jul 21 j 00:45	25°Ω59'35		retrograde	-1421 Jun 26 j 05:10	10°Ω44'19	
min. Earth dist.	-1422 Jul 24 j 14:38	23°Ω02'07	0.62729 AU	evening set	-1421 Jul 03 j 01:39	8°Ω40'10	
inferior conj	-1422 Jul 27 j 11:30	20°Ω16'03	-4°00'26	min. Earth dist.	-1421 Jul 06 j 19:36	5°Ω59'39	0.60770 AU
minimum elong	-1422 Jul 27 j 15:41	20°Ω05'55	3°59'35	inferior conj	-1421 Jul 10 j 02:16	3°Ω13'12	-4°28'49
morning rise	-1422 Aug 03 j 07:46	15°Ω08'05		minimum elong	-1421 Jul 10 j 04:46	3°Ω07'51	4°28'33
direct	-1422 Aug 05 j 21:00	14°Ω38'10			-1421 Jul 14 j 06:13	30°൬II	
asc. node	-1422 Aug 11 j 03:46	16°Ω48'08					

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning rise	-1421 Jul 17 j 09:41	28° Π 26'53		morning rise	-1420 Jun 28 j 19:17	11° Π 14'08	
direct	-1421 Jul 19 j 21:47	28° Π 02'12		direct	-1420 Jul 01 j 07:36	10° Π 53'22	
	-1421 Jul 25 j 05:57	0° \mathfrak{S}		morning max el	-1420 Jul 09 j 09:26	14° Π 43'05	18°36'52
morning max el	-1421 Jul 27 j 02:03	1° \mathfrak{S} 33'40	18°05'36	asc. node	-1420 Jul 14 j 21:56	21° Π 29'45	
asc. node	-1421 Jul 29 j 00:51	3° \mathfrak{S} 39'45			-1420 Jul 20 j 00:52	0° \mathfrak{S}	
morning set	-1421 Aug 12 j 00:35	26° \mathfrak{S} 45'46		morning set	-1420 Jul 25 j 16:08	10° \mathfrak{S} 38'02	
	-1421 Aug 13 j 18:18	0° \mathcal{O}					
superior conj	-1421 Aug 21 j 22:51	14° \mathcal{O} 57'44	1°34'41	superior conj	-1420 Aug 03 j 12:33	27° \mathfrak{S} 38'06	1°46'09
minimum elong	-1421 Aug 22 j 02:39	15° \mathcal{O} 14'35	1°34'25	minimum elong	-1420 Aug 03 j 13:59	27° \mathfrak{S} 44'49	1°46'07
max. Earth dist.	-1421 Aug 29 j 13:22	28° \mathcal{O} 05'55	1.41627 AU		-1420 Aug 04 j 19:00	0° \mathcal{O}	
	-1421 Aug 30 j 16:42	0° \mathfrak{M}		max. Earth dist.	-1420 Aug 10 j 17:14	10° \mathcal{O} 41'40	1.39681 AU
evening rise	-1421 Sep 04 j 03:57	7° \mathfrak{M} 18'07		evening rise	-1420 Aug 14 j 21:21	17° \mathcal{O} 52'05	
desc. node	-1421 Sep 07 j 16:15	12° \mathfrak{M} 52'41			-1420 Aug 22 j 08:05	0° \mathfrak{M}	
	-1421 Sep 19 j 00:15	0° \mathfrak{A}		desc. node	-1420 Aug 24 j 13:16	3° \mathfrak{M} 27'19	
evening max el	-1421 Oct 07 j 11:07	23° \mathfrak{A} 53'18	22°34'08		-1420 Sep 12 j 10:39	0° \mathfrak{A}	
retrograde	-1421 Oct 17 j 04:57	29° \mathfrak{A} 40'52		evening max el	-1420 Sep 19 j 00:13	7° \mathfrak{A} 23'44	23°54'29
evening set	-1421 Oct 21 j 19:58	27° \mathfrak{A} 48'09		retrograde	-1420 Sep 29 j 20:53	13° \mathfrak{A} 47'32	
asc. node	-1421 Oct 25 j 00:01	24° \mathfrak{A} 24'14		evening set	-1420 Oct 05 j 01:56	11° \mathfrak{A} 36'25	
inferior conj	-1421 Oct 27 j 03:59	21° \mathfrak{A} 29'06	0°44'30	inferior conj	-1420 Oct 10 j 10:37	5° \mathfrak{A} 15'25	-0°09'02
minimum elong	-1421 Oct 27 j 02:57	21° \mathfrak{A} 32'38	0°44'04	minimum elong	-1420 Oct 10 j 10:50	5° \mathfrak{A} 14'41	0°08'57
min. Earth dist.	-1421 Oct 27 j 01:24	21° \mathfrak{A} 38'02	0.67568 AU	transit middle	-1420 Oct 10 j 10:50	5° \mathfrak{A} 14'41	0°08'57
morning rise	-1421 Nov 01 j 09:50	15° \mathfrak{A} 17'02		transit begin	-1420 Oct 10 j 08:33	5° \mathfrak{A} 22'25	
direct	-1421 Nov 05 j 22:26	13° \mathfrak{A} 26'39		transit end	-1420 Oct 10 j 13:06	5° \mathfrak{A} 06'57	
morning max el	-1421 Nov 15 j 05:46	18° \mathfrak{A} 57'03	22°07'40	min. Earth dist.	-1420 Oct 09 j 21:47	5° \mathfrak{A} 59'01	0.67477 AU
	-1421 Nov 24 j 09:42	0° \mathfrak{M}		asc. node	-1420 Oct 10 j 21:05	4° \mathfrak{A} 39'53	
desc. node	-1421 Dec 04 j 15:33	14° \mathfrak{M} 31'58			-1420 Oct 14 j 19:00	30° \mathfrak{R} \mathfrak{M}	
	-1421 Dec 14 j 18:27	0° \mathfrak{A}		morning rise	-1420 Oct 15 j 19:41	29° \mathfrak{M} 07'43	
morning set	-1421 Dec 18 j 03:24	5° \mathfrak{A} 22'26		direct	-1420 Oct 19 j 18:46	27° \mathfrak{M} 38'43	
max. Earth dist.	-1421 Dec 23 j 23:05	14° \mathfrak{A} 56'09	1.41100 AU		-1420 Oct 25 j 07:17	0° \mathfrak{A}	
				morning max el	-1420 Oct 28 j 00:14	2° \mathfrak{A} 26'52	20°48'32
superior conj	-1421 Dec 31 j 16:55	28° \mathfrak{A} 17'52	-1°59'34		-1420 Nov 17 j 07:37	0° \mathfrak{M}	
minimum elong	-1421 Dec 31 j 16:40	28° \mathfrak{A} 16'46	1°59'36	desc. node	-1420 Nov 20 j 12:36	4° \mathfrak{M} 51'26	
	-1420 Jan 01 j 15:51	0° \mathfrak{Z}		morning set	-1420 Nov 26 j 06:56	13° \mathfrak{M} 44'25	
evening rise	-1420 Jan 11 j 01:28	17° \mathfrak{Z} 15'18		max. Earth dist.	-1420 Dec 05 j 03:50	27° \mathfrak{M} 49'47	1.42928 AU
	-1420 Jan 18 j 01:08	0° \approx			-1420 Dec 06 j 11:50	0° \mathfrak{A}	
asc. node	-1420 Jan 20 j 23:17	4° \approx 53'03		superior conj	-1420 Dec 11 j 21:10	8° \mathfrak{A} 55'52	-1°51'14
evening max el	-1420 Jan 27 j 09:02	13° \approx 18'17	18°15'15	minimum elong	-1420 Dec 11 j 16:33	8° \mathfrak{A} 36'27	1°51'01
retrograde	-1420 Feb 03 j 10:24	16° \approx 50'08		evening rise	-1420 Dec 23 j 19:09	29° \mathfrak{A} 37'20	
evening set	-1420 Feb 06 j 00:16	16° \approx 22'49			-1420 Dec 24 j 00:15	0° \mathfrak{Z}	
inferior conj	-1420 Feb 13 j 00:22	11° \approx 38'19	3°44'17	asc. node	-1419 Jan 06 j 20:20	22° \mathfrak{Z} 54'28	
minimum elong	-1420 Feb 13 j 02:31	11° \approx 33'36	3°44'03	evening max el	-1419 Jan 09 j 20:21	26° \mathfrak{Z} 24'43	18°08'00
min. Earth dist.	-1420 Feb 16 j 08:58	8° \approx 42'57	0.59874 AU	retrograde	-1419 Jan 16 j 10:36	29° \mathfrak{Z} 50'37	
morning rise	-1420 Feb 20 j 02:45	6° \approx 00'18		evening set	-1419 Jan 19 j 04:31	29° \mathfrak{Z} 14'32	
direct	-1420 Feb 26 j 16:13	4° \approx 01'40		inferior conj	-1419 Jan 25 j 15:43	24° \mathfrak{Z} 09'03	3°55'02
desc. node	-1420 Mar 01 j 14:42	4° \approx 42'04		minimum elong	-1419 Jan 25 j 15:29	24° \mathfrak{Z} 09'39	3°55'01
morning max el	-1420 Mar 11 j 22:41	11° \approx 45'28	27°17'47	min. Earth dist.	-1419 Jan 28 j 14:18	21° \mathfrak{Z} 12'59	0.61920 AU
	-1420 Mar 26 j 06:04	0° \mathfrak{H}		morning rise	-1419 Feb 01 j 01:15	18° \mathfrak{Z} 16'45	
	-1420 Apr 11 j 19:59	0° \mathfrak{Y}		direct	-1419 Feb 08 j 01:01	15° \mathfrak{Z} 46'03	
morning set	-1420 Apr 12 j 01:49	0° \mathfrak{Y} 30'14		desc. node	-1419 Feb 16 j 11:45	18° \mathfrak{Z} 52'05	
asc. node	-1420 Apr 17 j 22:40	13° \mathfrak{Y} 03'46		morning max el	-1419 Feb 22 j 02:03	23° \mathfrak{Z} 35'15	27°44'48
max. Earth dist.	-1420 Apr 18 j 16:06	14° \mathfrak{Y} 39'09	1.32420 AU		-1419 Feb 27 j 20:41	0° \approx	
					-1419 Mar 19 j 11:07	0° \mathfrak{H}	
superior conj	-1420 Apr 19 j 04:58	15° \mathfrak{Y} 49'37	0°13'19	morning set	-1419 Mar 27 j 06:11	15° \mathfrak{H} 02'57	
minimum elong	-1420 Apr 19 j 04:22	15° \mathfrak{Y} 46'20	0°13'12	max. Earth dist.	-1419 Apr 02 j 02:38	27° \mathfrak{H} 22'24	1.32665 AU
behind sun begin	-1420 Apr 19 j 01:36	15° \mathfrak{Y} 31'08			-1419 Apr 03 j 07:45	0° \mathfrak{Y}	
behind sun end	-1420 Apr 19 j 07:09	16° \mathfrak{Y} 01'33					
	-1420 Apr 25 j 17:47	0° \mathfrak{B}		superior conj	-1419 Apr 03 j 15:20	0° \mathfrak{Y} 41'13	-0°12'27
evening rise	-1420 Apr 26 j 03:08	0° \mathfrak{B} 49'17		minimum elong	-1419 Apr 03 j 15:55	0° \mathfrak{Y} 44'21	0°12'20
	-1420 May 12 j 02:56	0° Π		behind sun begin	-1419 Apr 03 j 12:41	0° \mathfrak{Y} 26'45	
evening max el	-1420 May 24 j 03:49	14° Π 58'12	25°52'22	behind sun end	-1419 Apr 03 j 19:09	1° \mathfrak{Y} 01'57	
desc. node	-1420 May 28 j 13:54	18° Π 39'01		asc. node	-1419 Apr 04 j 19:41	3° \mathfrak{Y} 15'29	
retrograde	-1420 Jun 07 j 05:34	22° Π 12'07		evening rise	-1419 Apr 10 j 14:38	15° \mathfrak{Y} 45'18	
evening set	-1420 Jun 13 j 05:08	20° Π 45'43			-1419 Apr 17 j 17:47	0° \mathfrak{B}	
min. Earth dist.	-1420 Jun 17 j 16:18	18° Π 04'28	0.58712 AU	evening max el	-1419 May 05 j 20:11	25° \mathfrak{B} 51'54	24°27'55
inferior conj	-1420 Jun 20 j 23:56	15° Π 38'13	-4°34'50		-1419 May 10 j 23:32	0° Π	
minimum elong	-1420 Jun 20 j 22:56	15° Π 40'04	4°34'46	desc. node	-1419 May 15 j 10:56	2° Π 10'58	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

retrograde	-1419 May 19 j 18:35	2° Π 53'42		retrograde	-1418 Apr 30 j 18:29	13° \mathcal{B} 03'23	
evening set	-1419 May 24 j 10:24	2° Π 04'56		desc. node	-1418 May 02 j 07:56	12° \mathcal{B} 57'58	
	-1419 May 28 j 20:35	30° \mathcal{R} 8		evening set	-1418 May 04 j 01:37	12° \mathcal{B} 39'36	
min. Earth dist.	-1419 May 30 j 07:52	29° \mathcal{B} 06'56	0.56853 AU	min. Earth dist.	-1418 May 11 j 21:07	9° \mathcal{B} 13'11	0.55539 AU
inferior conj	-1419 Jun 02 j 01:41	27° \mathcal{B} 21'39	-4°06'42	inferior conj	-1418 May 13 j 08:21	8° \mathcal{B} 22'23	-2°55'18
minimum elong	-1419 Jun 01 j 20:28	27° \mathcal{B} 30'03	4°05'50	minimum elong	-1418 May 13 j 01:38	8° \mathcal{B} 32'05	2°53'24
morning rise	-1419 Jun 10 j 09:28	23° \mathcal{B} 16'33		morning rise	-1418 May 22 j 03:58	4° \mathcal{B} 27'19	
direct	-1419 Jun 12 j 22:59	22° \mathcal{B} 58'32		direct	-1418 May 24 j 20:29	4° \mathcal{B} 10'15	
morning max el	-1419 Jun 22 j 08:18	27° \mathcal{B} 20'11	19°28'53	morning max el	-1418 Jun 04 j 20:33	9° \mathcal{B} 17'05	20°41'20
	-1419 Jun 24 j 21:07	0° Π		asc. node	-1418 Jun 18 j 16:01	29° \mathcal{B} 11'34	
asc. node	-1419 Jul 01 j 18:59	10° Π 03'50			-1418 Jun 19 j 02:16	0° Π	
morning set	-1419 Jul 09 j 16:19	24° Π 57'05		morning set	-1418 Jun 23 j 22:23	9° Π 35'43	
	-1419 Jul 12 j 04:39	0° \mathcal{E}					
superior conj	-1419 Jul 17 j 18:37	11° \mathcal{E} 08'13	1°47'29	superior conj	-1418 Jul 01 j 12:23	25° Π 14'45	1°40'59
minimum elong	-1419 Jul 17 j 18:02	11° \mathcal{E} 05'21	1°47'29	minimum elong	-1418 Jul 01 j 10:29	25° Π 05'05	1°40'52
max. Earth dist.	-1419 Jul 23 j 19:57	22° \mathcal{E} 42'06	1.37712 AU	max. Earth dist.	-1418 Jul 03 j 20:47	0° \mathcal{E}	
evening rise	-1419 Jul 27 j 15:41	29° \mathcal{E} 37'58		evening rise	-1418 Jul 06 j 03:33	4° \mathcal{E} 31'04	1.35941 AU
	-1419 Jul 27 j 20:39	0° \mathcal{Q}			-1418 Jul 10 j 06:53	12° \mathcal{E} 25'32	
desc. node	-1419 Aug 11 j 10:18	23° \mathcal{Q} 49'20		desc. node	-1418 Jul 20 j 07:50	0° \mathcal{Q}	
	-1419 Aug 15 j 15:10	0° \mathcal{M}			-1418 Jul 29 j 07:19	13° \mathcal{Q} 52'28	
evening max el	-1419 Sep 01 j 11:40	20° \mathcal{M} 58'06	25°11'29	evening max el	-1418 Aug 10 j 15:47	0° \mathcal{M}	
retrograde	-1419 Sep 01 j 11:40	20° \mathcal{M} 58'06	25°11'29		-1418 Aug 14 j 23:08	4° \mathcal{M} 33'12	26°17'17
evening set	-1419 Sep 13 j 08:33	27° \mathcal{M} 50'14		retrograde	-1418 Aug 14 j 23:08	4° \mathcal{M} 33'12	26°17'17
	-1419 Sep 19 j 04:26	25° \mathcal{M} 22'01		evening set	-1418 Aug 27 j 15:19	11° \mathcal{M} 43'30	
min. Earth dist.	-1419 Sep 23 j 15:48	20° \mathcal{M} 19'50	0.67069 AU	min. Earth dist.	-1418 Sep 03 j 01:30	9° \mathcal{M} 02'11	
inferior conj	-1419 Sep 24 j 15:17	19° \mathcal{M} 03'01	-1°03'56	inferior conj	-1418 Sep 07 j 04:56	4° \mathcal{M} 37'23	0.66322 AU
minimum elong	-1419 Sep 24 j 16:51	18° \mathcal{M} 57'52	1°03'16	minimum elong	-1418 Sep 08 j 16:08	2° \mathcal{M} 48'51	-1°58'32
asc. node	-1419 Sep 27 j 18:08	15° \mathcal{M} 13'50			-1418 Sep 08 j 19:02	2° \mathcal{M} 39'54	1°57'24
morning rise	-1419 Sep 30 j 05:21	13° \mathcal{M} 02'43			-1418 Sep 11 j 01:13	30° \mathcal{R} 8	
direct	-1419 Oct 03 j 16:55	11° \mathcal{M} 52'32		morning rise	-1418 Sep 14 j 12:51	26° \mathcal{Q} 59'12	
morning max el	-1419 Oct 11 j 02:13	16° \mathcal{M} 06'18	19°41'45	asc. node	-1418 Sep 14 j 15:11	26° \mathcal{Q} 55'50	
	-1419 Oct 21 j 18:15	0° \mathcal{A}		direct	-1418 Sep 17 j 15:07	26° \mathcal{Q} 04'33	
morning set	-1419 Nov 05 j 04:50	21° \mathcal{A} 58'41		morning max el	-1418 Sep 24 j 10:57	29° \mathcal{Q} 53'22	18°49'56
desc. node	-1419 Nov 07 j 09:39	25° \mathcal{A} 23'34			-1418 Sep 24 j 13:33	0° \mathcal{M}	
	-1419 Nov 10 j 08:36	0° \mathcal{M}			-1418 Oct 15 j 02:37	0° \mathcal{A}	
max. Earth dist.	-1419 Nov 17 j 16:10	11° \mathcal{M} 31'02	1.44254 AU	morning set	-1418 Oct 15 j 20:33	1° \mathcal{A} 11'04	
				desc. node	-1418 Oct 25 j 06:41	16° \mathcal{A} 03'49	
superior conj	-1419 Nov 21 j 22:21	18° \mathcal{M} 19'28	-1°25'29	max. Earth dist.	-1418 Oct 31 j 09:41	25° \mathcal{A} 42'04	1.44911 AU
minimum elong	-1419 Nov 21 j 14:33	17° \mathcal{M} 48'04	1°24'44				
	-1419 Nov 29 j 02:08	0° \mathcal{J}		superior conj	-1418 Nov 01 j 02:22	26° \mathcal{A} 47'44	-0°43'16
evening rise	-1419 Dec 05 j 17:42	11° \mathcal{J} 07'18		minimum elong	-1418 Oct 31 j 20:50	26° \mathcal{A} 25'58	0°42'34
	-1419 Dec 17 j 02:25	0° \mathcal{Z}			-1418 Nov 03 j 03:09	0° \mathcal{M}	
evening max el	-1419 Dec 24 j 08:57	9° \mathcal{Z} 43'10	18°19'42	evening rise	-1418 Nov 16 j 17:13	21° \mathcal{M} 38'20	
asc. node	-1419 Dec 24 j 17:22	10° \mathcal{Z} 04'06			-1418 Nov 21 j 21:39	0° \mathcal{J}	
retrograde	-1419 Dec 30 j 21:23	13° \mathcal{Z} 15'32		evening max el	-1418 Dec 07 j 20:09	23° \mathcal{J} 07'27	18°49'24
evening set	-1418 Jan 02 j 19:39	12° \mathcal{Z} 29'38		asc. node	-1418 Dec 11 j 14:24	26° \mathcal{J} 07'19	
inferior conj	-1418 Jan 08 j 21:02	7° \mathcal{Z} 04'19	3°44'59	retrograde	-1418 Dec 14 j 14:43	26° \mathcal{J} 56'44	
minimum elong	-1418 Jan 08 j 19:06	7° \mathcal{Z} 09'45	3°44'45	evening set	-1418 Dec 17 j 18:27	25° \mathcal{J} 59'45	
min. Earth dist.	-1418 Jan 11 j 05:00	4° \mathcal{Z} 27'48	0.63751 AU	inferior conj	-1418 Dec 23 j 12:39	20° \mathcal{J} 16'57	3°20'16
morning rise	-1418 Jan 14 j 17:58	1° \mathcal{Z} 02'48		minimum elong	-1418 Dec 23 j 09:52	20° \mathcal{J} 25'28	3°19'39
	-1418 Jan 16 j 04:31	30° \mathcal{R} 8		min. Earth dist.	-1418 Dec 25 j 05:25	18° \mathcal{J} 12'11	0.65239 AU
direct	-1418 Jan 21 j 17:34	28° \mathcal{J} 14'11		morning rise	-1418 Dec 29 j 00:59	14° \mathcal{J} 08'59	
	-1418 Jan 27 j 18:34	0° \mathcal{Z}		direct	-1417 Jan 04 j 16:40	11° \mathcal{J} 17'30	
desc. node	-1418 Feb 03 j 08:47	5° \mathcal{Z} 01'26		morning max el	-1417 Jan 17 j 19:28	18° \mathcal{J} 55'49	26°53'14
morning max el	-1418 Feb 04 j 09:49	6° \mathcal{Z} 02'08	27°35'19	desc. node	-1417 Jan 21 j 05:51	22° \mathcal{J} 36'15	
	-1418 Feb 22 j 17:04	0° \approx			-1417 Jan 27 j 05:56	0° \mathcal{Z}	
morning set	-1418 Mar 11 j 03:33	29° \approx 10'54			-1417 Feb 15 j 16:29	0° \approx	
	-1418 Mar 11 j 13:25	0° \mathcal{H}		morning set	-1417 Feb 22 j 14:39	12° \approx 43'00	
max. Earth dist.	-1418 Mar 16 j 06:52	9° \mathcal{H} 41'28	1.33307 AU	max. Earth dist.	-1417 Feb 27 j 01:10	21° \approx 26'37	1.34383 AU
superior conj	-1418 Mar 18 j 22:35	15° \mathcal{H} 19'11	-0°38'40	superior conj	-1417 Mar 03 j 00:38	29° \approx 36'05	-1°04'13
minimum elong	-1418 Mar 19 j 00:24	15° \mathcal{H} 28'51	0°38'19	minimum elong	-1417 Mar 03 j 03:32	29° \approx 51'10	1°03'43
asc. node	-1418 Mar 22 j 16:43	23° \mathcal{H} 23'06			-1417 Mar 03 j 05:13	0° \mathcal{H}	
	-1418 Mar 25 j 19:09	0° \mathcal{Y}		asc. node	-1417 Mar 09 j 13:44	13° \mathcal{H} 21'37	
evening rise	-1418 Mar 26 j 02:12	0° \mathcal{Y} 37'08		evening rise	-1417 Mar 10 j 11:59	15° \mathcal{H} 17'36	
	-1418 Apr 11 j 19:14	0° \mathcal{B}			-1417 Mar 18 j 00:07	0° \mathcal{Y}	
evening max el	-1418 Apr 17 j 11:47	6° \mathcal{B} 29'36	22°53'13	evening max el	-1417 Mar 30 j 09:13	17° \mathcal{Y} 19'09	21°22'25
				retrograde	-1417 Apr 11 j 09:02	23° \mathcal{Y} 07'41	

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evening set	-1417 Apr 13 j 19:00	22° Υ 54'19		evening max el	-1416 Mar 11 j 17:03	28° H 41'34	20°05'25
desc. node	-1417 Apr 19 j 04:56	21° Υ 00'54			-1416 Mar 13 j 04:16	0° Υ	
inferior conj	-1417 Apr 23 j 03:36	18° Υ 53'59	-1°06'51	retrograde	-1416 Mar 22 j 00:33	3° Υ 37'22	
minimum elong	-1417 Apr 23 j 00:28	18° Υ 58'24	1°05'43	evening set	-1416 Mar 24 j 04:32	3° Υ 25'16	
min. Earth dist.	-1417 Apr 23 j 10:11	18° Υ 44'44	0.55047 AU		-1416 Apr 01 j 02:34	30° R H	
morning rise	-1417 May 02 j 06:18	14° Υ 52'27		inferior conj	-1416 Apr 02 j 01:27	29° H 25'43	0°50'46
direct	-1417 May 05 j 07:33	14° Υ 32'10		minimum elong	-1416 Apr 02 j 03:40	29° H 22'23	0°50'01
morning max el	-1417 May 17 j 22:02	20° Υ 31'48	22°11'20	min. Earth dist.	-1416 Apr 04 j 00:20	28° H 15'14	0.55509 AU
	-1417 May 25 j 19:56	0° B		desc. node	-1416 Apr 05 j 02:00	27° H 37'50	
asc. node	-1417 Jun 05 j 13:04	18° B 44'23		morning rise	-1416 Apr 11 j 00:48	24° H 59'06	
morning set	-1417 Jun 08 j 08:13	24° B 27'38		direct	-1416 Apr 14 j 21:47	24° H 26'09	
	-1417 Jun 10 j 23:27	0° II			-1416 Apr 27 j 06:56	0° Υ	
				morning max el	-1416 Apr 28 j 15:31	1° Υ 13'56	23°51'03
superior conj	-1417 Jun 15 j 14:15	9° II 47'07	1°28'29		-1416 May 18 j 04:20	0° B	
minimum elong	-1417 Jun 15 j 11:46	9° II 34'00	1°28'14	asc. node	-1416 May 22 j 10:07	8° B 34'57	
max. Earth dist.	-1417 Jun 18 j 20:06	16° II 32'06	1.34500 AU	morning set	-1416 May 22 j 19:56	9° B 26'24	
evening rise	-1417 Jun 23 j 13:55	26° II 01'15					
	-1417 Jun 25 j 15:44	0° E		superior conj	-1416 May 29 j 21:29	24° B 35'59	1°11'24
	-1417 Jul 13 j 16:54	0° Ω		minimum elong	-1416 May 29 j 18:59	24° B 22'32	1°11'02
desc. node	-1417 Jul 16 j 04:17	3° Ω 28'35		max. Earth dist.	-1416 May 31 j 21:54	28° B 55'17	1.33441 AU
evening max el	-1417 Jul 28 j 10:48	18° Ω 01'22	27°04'03		-1416 Jun 01 j 10:05	0° II	
retrograde	-1417 Aug 10 j 16:52	25° Ω 20'43		evening rise	-1416 Jun 06 j 08:24	10° II 11'51	
evening set	-1417 Aug 17 j 14:44	22° Ω 33'46			-1416 Jun 16 j 23:54	0° E	
min. Earth dist.	-1417 Aug 21 j 10:57	18° Ω 46'36	0.65212 AU	desc. node	-1416 Jul 02 j 01:17	22° E 25'50	
inferior conj	-1417 Aug 23 j 11:05	16° Ω 29'30	-2°50'42		-1416 Jul 08 j 16:34	0° Ω	
minimum elong	-1417 Aug 23 j 15:03	16° Ω 18'10	2°49'23	evening max el	-1416 Jul 09 j 21:26	1° Ω 10'56	27°24'52
morning rise	-1417 Aug 29 j 15:58	10° Ω 53'40		retrograde	-1416 Jul 23 j 12:49	8° Ω 32'28	
direct	-1417 Sep 01 j 11:14	10° Ω 11'07		evening set	-1416 Jul 30 j 17:03	5° Ω 51'22	
asc. node	-1417 Sep 01 j 12:15	10° Ω 11'08		min. Earth dist.	-1416 Aug 03 j 07:57	2° Ω 38'09	0.63729 AU
morning max el	-1417 Sep 08 j 00:23	13° Ω 44'11	18°14'31	inferior conj	-1416 Aug 05 j 21:35	29° E 59'10	-3°37'34
	-1417 Sep 19 j 12:37	0° M		minimum elong	-1416 Aug 06 j 02:00	29° E 47'45	3°36'26
morning set	-1417 Sep 26 j 16:15	11° M 46'23			-1416 Aug 05 j 21:16	30° R E	
	-1417 Oct 07 j 20:59	0° $\underline{\Omega}$		morning rise	-1416 Aug 12 j 11:56	24° E 40'17	
				direct	-1416 Aug 15 j 02:36	24° E 06'39	
superior conj	-1417 Oct 11 j 04:27	5° $\underline{\Omega}$ 16'44	0°06'19	asc. node	-1416 Aug 18 j 09:20	25° E 00'13	
minimum elong	-1417 Oct 11 j 05:15	5° $\underline{\Omega}$ 19'53	0°06'11	morning max el	-1416 Aug 21 j 15:49	27° E 32'21	17°56'25
behind sun begin	-1417 Oct 10 j 18:59	4° $\underline{\Omega}$ 39'09			-1416 Aug 23 j 20:32	0° Ω	
behind sun end	-1417 Oct 11 j 15:30	6° $\underline{\Omega}$ 00'35		morning set	-1416 Sep 07 j 14:00	23° Ω 36'10	
desc. node	-1417 Oct 12 j 03:42	6° $\underline{\Omega}$ 48'57			-1416 Sep 11 j 07:02	0° M	
max. Earth dist.	-1417 Oct 14 j 04:29	10° $\underline{\Omega}$ 01'42	1.44827 AU				
	-1417 Oct 26 j 22:45	0° M		superior conj	-1416 Sep 20 j 01:20	14° M 43'25	0°50'39
evening rise	-1417 Oct 27 j 17:06	1° M 11'29		minimum elong	-1416 Sep 20 j 06:13	15° M 03'30	0°50'03
greatest brilliancy	-1417 Nov 08 j 16:52	19° M 43'01	-0.7m	max. Earth dist.	-1416 Sep 25 j 21:00	24° M 09'26	1.44034 AU
	-1417 Nov 15 j 18:30	0° J		desc. node	-1416 Sep 28 j 00:43	27° M 35'15	
evening max el	-1417 Nov 21 j 03:47	6° J 34'29	19°35'47		-1416 Sep 29 j 13:21	0° $\underline{\Omega}$	
retrograde	-1417 Nov 28 j 11:29	10° J 49'34		evening rise	-1416 Oct 06 j 00:49	10° $\underline{\Omega}$ 05'49	
asc. node	-1417 Nov 28 j 11:26	10° J 49'34			-1416 Oct 19 j 04:32	0° M	
evening set	-1417 Dec 01 j 22:23	9° J 39'43		evening max el	-1416 Nov 03 j 06:12	20° M 01'54	20°36'49
inferior conj	-1417 Dec 07 j 11:32	3° J 42'27	2°45'08	retrograde	-1416 Nov 11 j 09:03	24° M 49'45	
minimum elong	-1417 Dec 07 j 08:38	3° J 51'55	2°44'14	asc. node	-1416 Nov 14 j 08:31	23° M 58'57	
min. Earth dist.	-1417 Dec 08 j 14:23	2° J 14'48	0.66348 AU	evening set	-1416 Nov 15 j 05:12	23° M 24'54	
	-1417 Dec 10 j 09:35	30° R M		inferior conj	-1416 Nov 20 j 15:08	17° M 16'34	2°02'23
morning rise	-1417 Dec 12 j 18:41	27° M 30'18		minimum elong	-1416 Nov 20 j 12:40	17° M 24'58	2°01'28
direct	-1417 Dec 18 j 21:48	24° M 47'58		min. Earth dist.	-1416 Nov 21 j 05:41	16° M 27'07	0.67086 AU
	-1417 Dec 29 j 00:30	0° J		morning rise	-1416 Nov 25 j 19:56	11° M 02'32	
morning max el	-1417 Dec 31 j 04:50	2° J 04'36	25°46'14	direct	-1416 Dec 01 j 08:18	8° M 37'29	
desc. node	-1416 Jan 08 j 02:56	11° J 11'54		morning max el	-1416 Dec 12 j 13:18	15° M 18'42	24°24'04
	-1416 Jan 21 j 09:07	0° B			-1416 Dec 24 j 15:10	0° J	
morning set	-1416 Feb 05 j 11:08	25° B 26'53		desc. node	-1416 Dec 25 j 00:01	0° J 30'19	
	-1416 Feb 07 j 21:54	0° \approx			-1415 Jan 13 j 07:27	0° B	
max. Earth dist.	-1416 Feb 09 j 07:34	2° \approx 39'48	1.35907 AU	morning set	-1415 Jan 17 j 11:18	7° B 06'39	
				max. Earth dist.	-1415 Jan 21 j 04:37	13° B 43'20	1.37814 AU
superior conj	-1416 Feb 14 j 18:56	13° \approx 24'50	-1°27'30				
minimum elong	-1416 Feb 14 j 22:29	13° \approx 42'43	1°27'02	superior conj	-1415 Jan 28 j 02:11	26° B 36'42	-1°46'21
evening rise	-1416 Feb 22 j 18:04	29° \approx 40'50		minimum elong	-1415 Jan 28 j 05:30	26° B 52'43	1°46'06
	-1416 Feb 22 j 21:50	0° H			-1415 Jan 29 j 20:08	0° \approx	
asc. node	-1416 Feb 24 j 10:46	3° H 06'35		evening rise	-1415 Feb 05 j 18:07	13° \approx 40'27	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

asc. node	-1415 Feb 10 j 07:49	22° \approx 32'48		asc. node	-1414 Jan 28 j 04:53	11° \approx 32'57	
	-1415 Feb 14 j 12:02	0° H		evening max el	-1414 Feb 05 j 15:23	23° \approx 15'15	18°28'20
evening max el	-1415 Feb 22 j 11:51	10° H 42'29	19°06'56	retrograde	-1414 Feb 13 j 03:35	26° \approx 56'19	
retrograde	-1415 Mar 03 j 04:44	14° H 53'03		evening set	-1414 Feb 15 j 15:13	26° \approx 33'23	
evening set	-1415 Mar 05 j 11:40	14° H 36'59		inferior conj	-1414 Feb 23 j 00:15	22° \approx 01'08	3°25'33
inferior conj	-1415 Mar 13 j 14:34	10° H 24'39	2°26'04	minimum elong	-1414 Feb 23 j 03:46	21° \approx 54'05	3°24'57
minimum elong	-1415 Mar 13 j 19:09	10° H 16'45	2°24'48	min. Earth dist.	-1414 Feb 26 j 10:25	19° \approx 17'25	0.58695 AU
min. Earth dist.	-1415 Mar 16 j 15:59	8° H 19'06	0.56823 AU	morning rise	-1414 Mar 02 j 13:53	16° \approx 35'18	
morning rise	-1415 Mar 21 j 23:43	5° H 25'58		direct	-1414 Mar 08 j 16:44	14° \approx 58'42	
desc. node	-1415 Mar 22 j 23:05	5° H 05'25		desc. node	-1414 Mar 09 j 20:10	15° \approx 02'03	
direct	-1415 Mar 27 j 00:41	4° H 26'20		morning max el	-1414 Mar 23 j 00:07	22° \approx 35'42	26°46'02
morning max el	-1415 Apr 10 j 06:20	11° H 46'24	25°27'38		-1414 Mar 29 j 13:52	0° H	
	-1415 Apr 24 j 06:55	0° Y			-1414 Apr 17 j 03:28	0° Y	
morning set	-1415 May 07 j 07:55	24° Y 26'30		morning set	-1414 Apr 21 j 18:25	9° Y 21'01	
asc. node	-1415 May 09 j 07:10	28° Y 37'44		asc. node	-1414 Apr 26 j 04:12	18° Y 47'09	
	-1415 May 09 j 22:27	0° Z					
superior conj	-1415 May 14 j 07:54	9° Z 34'11	0°50'49	superior conj	-1414 Apr 28 j 19:36	24° Y 34'06	0°27'35
minimum elong	-1415 May 14 j 05:53	9° Z 23'07	0°50'27	minimum elong	-1414 Apr 28 j 18:24	24° Y 27'32	0°27'20
max. Earth dist.	-1415 May 15 j 06:54	11° Z 39'33	1.32766 AU	max. Earth dist.	-1414 Apr 28 j 19:37	24° Y 34'13	1.32451 AU
evening rise	-1415 May 21 j 10:53	24° Z 46'43			-1414 May 01 j 07:08	0° Z	
	-1415 May 24 j 00:48	0° II		evening rise	-1414 May 05 j 18:32	9° Z 35'33	
	-1415 Jun 10 j 15:30	0° E			-1414 May 16 j 09:21	0° II	
desc. node	-1415 Jun 18 j 22:18	10° E 27'44		evening max el	-1414 Jun 04 j 06:54	25° II 47'14	26°30'57
evening max el	-1415 Jun 22 j 05:01	13° E 50'06	27°14'24	desc. node	-1414 Jun 05 j 19:20	27° II 10'27	
retrograde	-1415 Jul 06 j 02:14	21° E 09'28			-1414 Jun 09 j 11:35	0° E	
evening set	-1415 Jul 13 j 04:31	18° E 48'11		retrograde	-1414 Jun 18 j 07:27	3° E 02'57	
min. Earth dist.	-1415 Jul 16 j 18:57	15° E 59'37	0.61917 AU	evening set	-1414 Jun 24 j 20:36	1° E 14'25	
inferior conj	-1415 Jul 19 j 20:35	13° E 11'04	-4°14'37		-1414 Jun 26 j 21:25	30° R II	
minimum elong	-1415 Jul 20 j 00:17	13° E 02'34	4°14'01	min. Earth dist.	-1414 Jun 28 j 20:10	28° II 35'36	0.59891 AU
morning rise	-1415 Jul 26 j 21:29	8° E 11'54		inferior conj	-1414 Jul 02 j 04:28	25° II 55'27	-4°34'49
direct	-1415 Jul 29 j 09:52	7° E 44'32		minimum elong	-1414 Jul 02 j 05:42	25° II 52'59	4°34'44
asc. node	-1415 Aug 05 j 06:25	11° E 11'30		morning rise	-1414 Jul 09 j 16:49	21° II 18'18	
morning max el	-1415 Aug 05 j 06:23	11° E 11'25	17°56'39	direct	-1414 Jul 12 j 04:57	20° II 55'20	
	-1415 Aug 17 j 18:56	0° O		morning max el	-1414 Jul 19 j 17:06	24° II 33'07	18°16'24
morning set	-1415 Aug 21 j 08:06	6° O 24'39		asc. node	-1414 Jul 23 j 03:28	28° II 29'05	
					-1414 Jul 24 j 05:56	0° E	
superior conj	-1415 Sep 01 j 01:37	25° O 31'16	1°22'31	morning set	-1414 Aug 04 j 17:05	19° E 56'46	
minimum elong	-1415 Sep 01 j 06:30	25° O 52'19	1°22'04		-1414 Aug 10 j 00:47	0° O	
	-1415 Sep 03 j 16:26	0° P		superior conj	-1414 Aug 14 j 03:12	7° O 34'32	1°40'57
max. Earth dist.	-1415 Sep 08 j 09:18	7° P 50'43	1.42640 AU	minimum elong	-1414 Aug 14 j 06:01	7° O 47'16	1°40'47
desc. node	-1415 Sep 14 j 21:43	18° P 19'46		max. Earth dist.	-1414 Aug 21 j 16:24	20° O 53'27	1.40822 AU
evening rise	-1415 Sep 15 j 09:43	19° P 07'00		evening rise	-1414 Aug 26 j 12:44	28° O 59'50	
	-1415 Sep 22 j 11:00	0° A			-1414 Aug 27 j 03:28	0° P	
	-1415 Oct 13 j 22:42	0° M		desc. node	-1414 Sep 01 j 18:43	8° P 59'06	
evening max el	-1415 Oct 17 j 02:45	3° M 29'39	21°49'11		-1414 Sep 16 j 00:32	0° A	
retrograde	-1415 Oct 26 j 05:26	8° M 54'35		evening max el	-1414 Sep 29 j 18:07	16° A 58'58	23°08'18
evening set	-1415 Oct 30 j 13:01	7° M 12'36		retrograde	-1414 Oct 09 j 23:13	23° A 01'51	
asc. node	-1415 Nov 01 j 05:36	5° M 36'48		evening set	-1414 Oct 14 j 20:08	21° A 01'16	
inferior conj	-1415 Nov 04 j 21:19	0° M 56'38	1°14'07	asc. node	-1414 Oct 19 j 02:39	16° A 08'50	
minimum elong	-1415 Nov 04 j 19:41	1° M 02'18	1°13'26	inferior conj	-1414 Oct 20 j 04:16	14° A 41'11	0°22'04
min. Earth dist.	-1415 Nov 05 j 00:49	0° M 44'33	0.67489 AU	minimum elong	-1414 Oct 20 j 03:45	14° A 42'59	0°21'51
	-1415 Nov 05 j 13:45	30° R A		min. Earth dist.	-1414 Oct 19 j 21:21	15° A 05'00	0.67573 AU
morning rise	-1415 Nov 10 j 02:11	24° A 43'09		morning rise	-1414 Oct 25 j 11:17	8° A 30'49	
direct	-1415 Nov 14 j 23:22	22° A 39'37		direct	-1414 Oct 29 j 18:02	6° A 49'38	
morning max el	-1415 Nov 24 j 22:59	28° A 36'01	22°56'40	morning max el	-1414 Nov 07 j 13:32	12° A 00'40	21°32'46
	-1415 Nov 26 j 07:07	0° M			-1414 Nov 21 j 14:43	0° M	
desc. node	-1415 Dec 11 j 21:03	20° M 18'49		desc. node	-1414 Nov 28 j 18:05	10° M 29'03	
	-1415 Dec 18 j 09:29	0° J		morning set	-1414 Dec 09 j 01:26	26° M 22'05	
morning set	-1415 Dec 29 j 08:47	17° J 25'20			-1414 Dec 11 j 08:07	0° J	
max. Earth dist.	-1414 Jan 03 j 00:02	25° J 14'30	1.39920 AU	max. Earth dist.	-1414 Dec 16 j 01:07	7° J 39'39	1.41933 AU
	-1414 Jan 05 j 17:43	0° Z					
superior conj	-1414 Jan 10 j 17:54	8° Z 59'15	-1°57'49	superior conj	-1414 Dec 23 j 12:42	20° J 19'19	-1°57'59
minimum elong	-1414 Jan 10 j 19:30	9° Z 06'35	1°57'48	minimum elong	-1414 Dec 23 j 10:42	20° J 10'39	1°57'58
evening rise	-1414 Jan 20 j 09:13	27° Z 08'22			-1414 Dec 29 j 00:16	0° Z	
	-1414 Jan 21 j 21:16	0° \approx		evening rise	-1413 Jan 03 j 11:56	9° Z 57'19	
				asc. node	-1413 Jan 15 j 01:55	29° Z 58'48	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1413 Jan 15 j 02:15	0°♊		minimum elong	-1413 Dec 03 j 23:01	29°♎58'30	1°42'05
evening max el	-1413 Jan 20 j 00:40	6°♊11'39	18°09'42	evening rise	-1413 Dec 16 j 22:03	21°♊58'22	
retrograde	-1413 Jan 26 j 19:57	9°♊39'16			-1413 Dec 21 j 12:55	0°♊	
evening set	-1413 Jan 29 j 11:38	9°♊08'13		asc. node	-1412 Jan 01 j 22:57	17°♊39'34	
inferior conj	-1413 Feb 05 j 05:47	4°♊14'20	3°51'50	evening max el	-1412 Jan 03 j 12:46	19°♊23'21	18°10'35
minimum elong	-1413 Feb 05 j 06:53	4°♊11'48	3°51'45	retrograde	-1412 Jan 10 j 01:20	22°♊50'59	
min. Earth dist.	-1413 Feb 08 j 10:51	1°♊16'10	0.60765 AU	evening set	-1412 Jan 12 j 20:55	22°♊10'56	
	-1413 Feb 09 j 22:51	30°♋♊		inferior conj	-1412 Jan 19 j 03:35	16°♊56'32	3°52'53
morning rise	-1413 Feb 12 j 00:33	28°♊29'34		minimum elong	-1412 Jan 19 j 02:31	16°♊59'20	3°52'49
direct	-1413 Feb 18 j 19:45	26°♊16'15		min. Earth dist.	-1412 Jan 21 j 20:08	14°♊06'47	0.62736 AU
desc. node	-1413 Feb 24 j 17:14	27°♊47'00		morning rise	-1412 Jan 25 j 07:12	10°♊59'32	
	-1413 Feb 28 j 07:42	0°♋		direct	-1412 Feb 01 j 07:49	8°♋19'33	
morning max el	-1413 Mar 05 j 00:08	4°♋02'06	27°33'48	desc. node	-1412 Feb 11 j 14:16	12°♋52'04	
	-1413 Mar 24 j 04:56	0°♌		morning max el	-1412 Feb 15 j 05:57	16°♋09'23	27°45'07
morning set	-1413 Apr 06 j 01:36	24°♌03'42			-1412 Feb 26 j 16:23	0°♋	
	-1413 Apr 08 j 21:33	0°♍			-1412 Mar 15 j 19:54	0°♌	
max. Earth dist.	-1413 Apr 12 j 08:13	7°♍26'11	1.32487 AU	morning set	-1412 Mar 20 j 03:21	8°♌27'08	
				max. Earth dist.	-1412 Mar 25 j 16:41	20°♌01'12	1.32888 AU
superior conj	-1413 Apr 13 j 06:55	9°♍30'07	0°02'31				
minimum elong	-1413 Apr 13 j 06:48	9°♍29'29	0°02'29	superior conj	-1412 Mar 27 j 16:11	24°♌16'26	-0°23'36
behind sun begin	-1413 Apr 13 j 01:48	9°♍02'11		minimum elong	-1412 Mar 27 j 17:17	24°♌22'24	0°23'22
behind sun end	-1413 Apr 13 j 11:48	9°♍56'49		asc. node	-1412 Mar 29 j 22:16	29°♌09'30	
asc. node	-1413 Apr 13 j 01:14	8°♍59'05			-1412 Mar 30 j 07:35	0°♍	
evening rise	-1413 Apr 20 j 05:12	24°♍30'46		evening rise	-1412 Apr 03 j 16:56	9°♍25'35	
	-1413 Apr 22 j 20:42	0°♎			-1412 Apr 14 j 10:07	0°♎	
	-1413 May 10 j 20:01	0°♏		evening max el	-1412 Apr 27 j 17:01	17°♎42'45	23°47'53
evening max el	-1413 May 17 j 01:59	6°♏59'58	25°18'29	desc. node	-1412 May 09 j 13:24	24°♎27'39	
desc. node	-1413 May 23 j 16:22	12°♏02'30		retrograde	-1412 May 11 j 10:42	24°♎35'47	
retrograde	-1413 May 31 j 02:52	14°♏09'43		evening set	-1412 May 15 j 11:57	23°♎59'25	
evening set	-1413 Jun 05 j 14:10	12°♏59'59		min. Earth dist.	-1412 May 22 j 03:58	20°♎50'41	0.56203 AU
min. Earth dist.	-1413 Jun 10 j 13:51	10°♏13'31	0.57879 AU	inferior conj	-1412 May 24 j 10:56	19°♎27'08	-3°41'49
inferior conj	-1413 Jun 13 j 17:45	8°♏02'34	-4°27'45	minimum elong	-1412 May 24 j 04:31	19°♎36'56	3°40'25
minimum elong	-1413 Jun 13 j 14:53	8°♏07'33	4°27'29	morning rise	-1412 Jun 02 j 00:03	15°♎28'17	
morning rise	-1413 Jun 21 j 18:21	3°♏47'24		direct	-1412 Jun 04 j 14:20	15°♎11'06	
direct	-1413 Jun 24 j 07:20	3°♏27'48		morning max el	-1412 Jun 14 j 15:44	19°♎50'19	19°57'26
morning max el	-1413 Jul 02 j 21:04	7°♏28'54	18°56'33		-1412 Jun 22 j 15:54	0°♏	
asc. node	-1413 Jul 10 j 00:30	16°♏38'33		asc. node	-1412 Jun 25 j 21:33	5°♏28'08	
	-1413 Jul 17 j 11:14	0°♐		morning set	-1412 Jul 02 j 15:35	18°♏29'05	
morning set	-1413 Jul 19 j 12:37	4°♐00'51			-1412 Jul 08 j 07:24	0°♐	
superior conj	-1413 Jul 28 j 00:27	20°♐37'20	1°47'49	superior conj	-1412 Jul 10 j 12:03	4°♐24'53	1°45'34
minimum elong	-1413 Jul 28 j 00:57	20°♐39'44	1°47'49	minimum elong	-1412 Jul 10 j 10:49	4°♐18'44	1°45'32
	-1413 Aug 02 j 00:47	0°♑		max. Earth dist.	-1412 Jul 15 j 23:12	15°♐04'03	1.36914 AU
max. Earth dist.	-1413 Aug 03 j 19:23	3°♑12'49	1.38825 AU	evening rise	-1412 Jul 19 j 20:42	22°♐17'37	
evening rise	-1413 Aug 07 j 16:52	10°♑03'50			-1412 Jul 24 j 05:19	0°♑	
desc. node	-1413 Aug 19 j 15:43	29°♑28'42		desc. node	-1412 Aug 05 j 12:44	19°♑43'35	
	-1413 Aug 19 j 23:55	0°♒			-1412 Aug 12 j 19:01	0°♒	
	-1413 Sep 11 j 17:57	0°♓		evening max el	-1412 Aug 24 j 17:12	14°♒04'59	25°41'19
evening max el	-1413 Sep 12 j 06:07	0°♓30'29	24°28'07	retrograde	-1412 Sep 05 j 23:10	21°♒06'58	
retrograde	-1413 Sep 23 j 13:21	7°♓07'25		evening set	-1412 Sep 12 j 01:18	18°♒32'15	
evening set	-1413 Sep 29 j 00:50	4°♓48'25		min. Earth dist.	-1412 Sep 16 j 09:06	13°♒45'51	0.66788 AU
	-1413 Oct 03 j 06:39	30°♑♒		inferior conj	-1412 Sep 17 j 13:31	12°♒14'58	-1°27'15
min. Earth dist.	-1413 Oct 03 j 16:52	29°♒26'02	0.67341 AU	minimum elong	-1412 Sep 17 j 15:40	12°♒08'05	1°26'22
inferior conj	-1413 Oct 04 j 10:14	28°♒27'50	-0°32'16	asc. node	-1412 Sep 21 j 20:44	7°♒22'28	
minimum elong	-1413 Oct 04 j 11:01	28°♒25'13	0°31'55	morning rise	-1412 Sep 23 j 06:14	6°♒18'53	
asc. node	-1413 Oct 05 j 23:42	26°♒24'38		direct	-1412 Sep 26 j 13:27	5°♒15'56	
morning rise	-1413 Oct 09 j 21:15	22°♒23'13		morning max el	-1412 Oct 03 j 16:23	9°♒18'17	19°17'48
direct	-1413 Oct 13 j 15:09	21°♒02'44			-1412 Oct 18 j 16:30	0°♓	
morning max el	-1413 Oct 21 j 11:15	25°♒34'54	20°18'32	morning set	-1412 Oct 27 j 02:38	13°♓04'33	
	-1413 Oct 25 j 08:14	0°♔		desc. node	-1412 Nov 01 j 12:07	21°♓30'11	
	-1413 Nov 15 j 00:57	0°♕			-1412 Nov 06 j 22:12	0°♕	
desc. node	-1413 Nov 15 j 15:05	0°♕54'19		max. Earth dist.	-1412 Nov 10 j 00:10	4°♕51'21	1.44618 AU
morning set	-1413 Nov 17 j 23:33	4°♕32'07					
max. Earth dist.	-1413 Nov 28 j 09:42	20°♕56'53	1.43568 AU	superior conj	-1412 Nov 12 j 20:02	9°♕20'10	-1°09'14
	-1413 Dec 03 j 23:22	0°♖		minimum elong	-1412 Nov 12 j 12:24	8°♕49'50	1°08'23
					-1412 Nov 25 j 14:39	0°♖	
superior conj	-1413 Dec 04 j 05:24	0°♖24'50	-1°42'33	evening rise	-1412 Nov 27 j 11:11	3°♖03'44	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1412 Dec 14 j 15:32	0° Z		max. Earth dist.	-1411 Oct 23 j 18:06	19° Z 06'15	1.44961 AU
evening max el	-1412 Dec 17 j 01:03	2° Z 44'39	18°30'11		-1411 Oct 30 j 16:25	0° M	
asc. node	-1412 Dec 18 j 19:59	4° Z 22'43		evening rise	-1411 Nov 08 j 00:18	13° M 08'43	
retrograde	-1412 Dec 23 j 15:21	6° Z 23'16		greatest brilliancy	-1411 Nov 17 j 01:24	27° M 27'10	-0.8m
evening set	-1412 Dec 26 j 15:40	5° Z 33'02			-1411 Nov 18 j 16:36	0° Z	
inferior conj	-1411 Jan 01 j 13:43	0° Z 00'06	3°36'00	evening max el	-1411 Nov 30 j 11:04	16° Z 11'04	19°07'18
minimum elong	-1411 Jan 01 j 11:20	0° Z 07'05	3°35'36	asc. node	-1411 Dec 05 j 17:01	19° Z 53'35	
	-1411 Jan 01 j 13:45	30° R Z		retrograde	-1411 Dec 07 j 10:24	20° Z 10'08	
min. Earth dist.	-1411 Jan 03 j 15:14	27° Z 35'41	0.64430 AU	evening set	-1411 Dec 10 j 16:57	19° Z 07'59	
morning rise	-1411 Jan 07 j 06:31	23° Z 55'16		inferior conj	-1411 Dec 16 j 08:48	13° Z 18'58	3°06'28
direct	-1411 Jan 14 j 03:30	21° Z 03'26		minimum elong	-1411 Dec 16 j 05:53	13° Z 28'08	3°05'42
morning max el	-1411 Jan 27 j 14:55	28° Z 49'29	27°20'54	min. Earth dist.	-1411 Dec 17 j 19:33	11° Z 29'24	0.65758 AU
desc. node	-1411 Jan 28 j 11:19	29° Z 41'16		morning rise	-1411 Dec 21 j 18:32	7° Z 09'04	
	-1411 Jan 28 j 18:31	0° Z		direct	-1411 Dec 28 j 05:27	4° Z 19'53	
	-1411 Feb 19 j 11:51	0° \approx		morning max el	-1410 Jan 10 j 00:26	11° Z 50'34	26°27'12
morning set	-1411 Mar 03 j 20:51	22° \approx 21'29		desc. node	-1410 Jan 15 j 08:23	17° Z 44'46	
	-1411 Mar 07 j 16:27	0° X			-1410 Jan 24 j 14:32	0° Z	
max. Earth dist.	-1411 Mar 08 j 16:55	2° X 05'42	1.33705 AU		-1410 Feb 12 j 01:52	0° \approx	
				morning set	-1410 Feb 15 j 02:24	5° \approx 35'30	
superior conj	-1411 Mar 11 j 21:30	8° X 46'23	-0°49'42	max. Earth dist.	-1410 Feb 19 j 06:00	13° \approx 35'31	1.34977 AU
minimum elong	-1411 Mar 11 j 23:48	8° X 58'34	0°49'15				
asc. node	-1411 Mar 16 j 19:18	19° X 13'44		superior conj	-1410 Feb 23 j 20:42	22° \approx 53'13	-1°14'29
evening rise	-1411 Mar 19 j 03:59	24° X 13'10		minimum elong	-1410 Feb 23 j 23:57	23° \approx 09'56	1°13'57
	-1411 Mar 21 j 23:21	0° Y			-1410 Feb 27 j 07:03	0° X	
evening max el	-1411 Apr 09 j 10:23	28° Y 22'28	22°13'26	evening rise	-1410 Mar 03 j 12:30	8° X 47'38	
	-1411 Apr 11 j 05:50	0° Z		asc. node	-1410 Mar 03 j 16:22	9° X 07'33	
retrograde	-1411 Apr 22 j 06:09	4° Z 39'03			-1410 Mar 14 j 23:41	0° Y	
evening set	-1411 Apr 25 j 01:59	4° Z 21'25		evening max el	-1410 Mar 22 j 12:10	9° Y 25'38	20°47'37
desc. node	-1411 Apr 26 j 10:26	4° Z 01'10		retrograde	-1410 Apr 02 j 19:06	14° Y 50'57	
min. Earth dist.	-1411 May 03 j 17:24	0° Z 38'35	0.55211 AU	evening set	-1410 Apr 05 j 01:01	14° Y 38'56	
inferior conj	-1411 May 04 j 11:26	0° Z 13'07	-2°12'37	desc. node	-1410 Apr 13 j 07:28	11° Y 13'33	
minimum elong	-1411 May 04 j 05:41	0° Z 21'16	2°10'45	inferior conj	-1410 Apr 14 j 06:03	10° Y 41'24	-0°16'01
	-1411 May 04 j 20:43	30° R Y		minimum elong	-1410 Apr 14 j 05:18	10° Y 42'28	0°15'44
morning rise	-1411 May 13 j 10:56	26° Y 17'20		transit middle	-1410 Apr 14 j 05:18	10° Y 42'28	0°15'44
direct	-1411 May 16 j 05:51	25° Y 59'45		transit begin	-1410 Apr 14 j 04:47	10° Y 43'12	
	-1411 May 26 j 05:59	0° Z		transit end	-1410 Apr 14 j 05:48	10° Y 41'45	
morning max el	-1411 May 27 j 23:23	1° Z 29'27	21°17'49	min. Earth dist.	-1410 Apr 15 j 07:01	10° Y 05'43	0.55135 AU
asc. node	-1411 Jun 12 j 18:35	24° Z 47'17		morning rise	-1410 Apr 23 j 08:46	6° Y 30'54	
	-1411 Jun 15 j 09:37	0° II		direct	-1410 Apr 26 j 17:19	6° Y 06'29	
morning set	-1411 Jun 16 j 23:30	3° II 13'46		morning max el	-1410 May 09 j 20:51	12° Y 28'05	22°53'03
					-1410 May 22 j 23:50	0° Z	
superior conj	-1411 Jun 24 j 09:40	18° II 43'31	1°36'19	asc. node	-1410 May 30 j 15:40	14° Z 28'22	
minimum elong	-1411 Jun 24 j 07:26	18° II 31'58	1°36'09	morning set	-1410 Jun 01 j 10:22	18° Z 09'10	
max. Earth dist.	-1411 Jun 28 j 10:00	26° II 54'14	1.35280 AU		-1410 Jun 06 j 23:59	0° II	
	-1411 Jun 29 j 23:29	0° Z					
evening rise	-1411 Jul 02 j 19:17	5° Z 27'30		superior conj	-1410 Jun 08 j 14:08	3° II 23'35	1°21'44
	-1411 Jul 16 j 23:37	0° Z		minimum elong	-1410 Jun 08 j 11:34	3° II 09'57	1°21'25
desc. node	-1411 Jul 23 j 09:45	9° Z 36'09		max. Earth dist.	-1410 Jun 11 j 06:47	9° II 04'36	1.34011 AU
evening max el	-1411 Aug 07 j 04:50	27° Z 38'01	26°40'01	evening rise	-1410 Jun 16 j 07:44	19° II 19'37	
	-1411 Aug 09 j 19:36	0° M			-1410 Jun 21 j 22:39	0° Z	
retrograde	-1411 Aug 20 j 03:55	4° M 53'44		desc. node	-1410 Jul 10 j 06:45	28° Z 57'00	
evening set	-1411 Aug 26 j 19:21	2° M 09'03			-1410 Jul 11 j 01:52	0° Z	
	-1411 Aug 29 j 01:12	30° R Z		evening max el	-1410 Jul 20 j 16:33	11° Z 00'15	27°16'30
min. Earth dist.	-1411 Aug 30 j 19:38	28° Z 00'06	0.65888 AU	retrograde	-1410 Aug 03 j 03:02	18° Z 20'26	
inferior conj	-1411 Sep 01 j 12:08	25° Z 58'55	-2°21'07	evening set	-1410 Aug 10 j 04:20	15° Z 34'46	
minimum elong	-1411 Sep 01 j 15:32	25° Z 48'43	2°19'53	min. Earth dist.	-1410 Aug 13 j 22:06	12° Z 02'30	0.64626 AU
morning rise	-1411 Sep 07 j 12:08	20° Z 14'30		inferior conj	-1410 Aug 16 j 03:50	9° Z 35'22	-3°11'29
asc. node	-1411 Sep 08 j 17:47	19° Z 42'08		minimum elong	-1410 Aug 16 j 08:06	9° Z 23'40	3°10'12
direct	-1411 Sep 10 j 11:03	19° Z 25'29		morning rise	-1410 Aug 22 j 12:34	4° Z 06'03	
morning max el	-1411 Sep 17 j 03:21	23° Z 06'55	18°32'46	direct	-1410 Aug 25 j 05:39	3° Z 27'32	
	-1411 Sep 22 j 16:04	0° M		asc. node	-1410 Aug 26 j 14:52	3° Z 37'38	
morning set	-1411 Oct 07 j 05:53	22° M 51'07		morning max el	-1410 Aug 31 j 17:54	6° Z 56'26	18°04'36
	-1411 Oct 11 j 16:45	0° Z			-1410 Sep 16 j 04:22	0° M	
desc. node	-1411 Oct 19 j 09:09	12° Z 12'39		morning set	-1410 Sep 18 j 13:17	3° M 59'44	
superior conj	-1411 Oct 22 j 20:24	17° Z 40'51	-0°22'22	superior conj	-1410 Oct 02 j 04:22	26° M 27'48	0°26'22
minimum elong	-1411 Oct 22 j 17:26	17° Z 29'10	0°22'00	minimum elong	-1410 Oct 02 j 07:26	26° M 40'08	0°25'58

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1410 Oct 04 j 09:22	0°♌		superior conj	-1409 Sep 12 j 12:42	6°♎28'27	1°05'53
desc. node	-1410 Oct 06 j 06:10	2°♌58'09		minimum elong	-1409 Sep 12 j 17:59	6°♎50'38	1°05'16
max. Earth dist.	-1410 Oct 06 j 12:36	3°♌23'42	1.44572 AU	max. Earth dist.	-1409 Sep 19 j 04:10	17°♎24'15	1.43504 AU
evening rise	-1410 Oct 18 j 15:41	22°♌20'52		desc. node	-1409 Sep 23 j 03:10	23°♎44'00	
	-1410 Oct 23 j 14:57	0°♍			-1409 Sep 27 j 03:01	0°♌	
greatest brilliancy	-1410 Nov 01 j 07:56	13°♍11'44	-0.6m	evening rise	-1409 Sep 27 j 21:35	1°♌12'06	
evening max el	-1410 Nov 13 j 16:43	29°♍38'28	20°00'13		-1409 Oct 17 j 06:19	0°♍	
	-1410 Nov 14 j 01:11	0°♎		evening max el	-1409 Oct 27 j 16:36	13°♍05'37	21°06'26
retrograde	-1410 Nov 21 j 07:41	4°♎06'17		retrograde	-1409 Nov 05 j 05:00	18°♍08'53	
asc. node	-1410 Nov 22 j 14:05	3°♎57'04		evening set	-1409 Nov 09 j 05:50	16°♍36'43	
evening set	-1410 Nov 24 j 22:22	2°♎50'10		asc. node	-1409 Nov 09 j 11:09	16°♍26'15	
	-1410 Nov 27 j 21:36	30°♎♍		inferior conj	-1409 Nov 14 j 14:52	10°♍24'31	1°42'28
inferior conj	-1410 Nov 30 j 09:57	26°♍47'54	2°27'46	minimum elong	-1409 Nov 14 j 12:43	10°♍31'56	1°41'38
minimum elong	-1410 Nov 30 j 07:10	26°♍57'08	2°26'51	min. Earth dist.	-1409 Nov 15 j 00:30	9°♍51'29	0.67295 AU
min. Earth dist.	-1410 Dec 01 j 07:20	25°♍36'41	0.66705 AU	morning rise	-1409 Nov 19 j 19:26	4°♍10'34	
morning rise	-1410 Dec 05 j 15:47	20°♍34'58		direct	-1409 Nov 25 j 01:14	1°♍54'40	
direct	-1410 Dec 11 j 12:53	17°♍59'17		morning max el	-1409 Dec 05 j 17:58	8°♍17'16	23°47'05
morning max el	-1410 Dec 23 j 09:12	25°♍01'35	25°12'39	desc. node	-1409 Dec 20 j 02:30	26°♍12'03	
	-1410 Dec 27 j 21:52	0°♎			-1409 Dec 22 j 18:20	0°♎	
desc. node	-1409 Jan 02 j 05:27	6°♎39'57		morning set	-1408 Jan 10 j 04:28	29°♎00'15	
	-1409 Jan 18 j 02:21	0°♏			-1408 Jan 10 j 18:27	0°♏	
morning set	-1409 Jan 28 j 14:59	17°♏53'45		max. Earth dist.	-1408 Jan 14 j 03:42	5°♏53'42	1.38703 AU
max. Earth dist.	-1409 Feb 01 j 07:59	24°♏41'27	1.36685 AU				
	-1409 Feb 04 j 03:15	0°♐		superior conj	-1408 Jan 21 j 11:58	19°♏19'24	-1°52'19
				minimum elong	-1408 Jan 21 j 14:47	19°♏32'41	1°52'11
superior conj	-1409 Feb 07 j 10:46	6°♐27'34	-1°36'11		-1408 Jan 27 j 01:17	0°♐	
minimum elong	-1409 Feb 07 j 14:22	6°♐45'22	1°35'47	evening rise	-1408 Jan 30 j 12:57	6°♐48'37	
evening rise	-1409 Feb 15 j 16:19	23°♐01'42		asc. node	-1408 Feb 05 j 10:27	18°♐01'08	
asc. node	-1409 Feb 18 j 13:25	28°♐45'16			-1408 Feb 13 j 00:34	0°♑	
	-1409 Feb 19 j 04:46	0°♑		evening max el	-1408 Feb 15 j 23:31	3°♑18'53	18°47'59
evening max el	-1409 Mar 05 j 00:48	21°♑04'17	19°38'03	retrograde	-1408 Feb 24 j 02:59	7°♑15'20	
retrograde	-1409 Mar 14 j 14:44	25°♑39'07		evening set	-1408 Feb 26 j 11:47	6°♑56'39	
evening set	-1409 Mar 16 j 19:37	25°♑25'39		inferior conj	-1408 Mar 05 j 06:48	2°♑36'01	2°55'45
inferior conj	-1409 Mar 25 j 09:09	21°♑21'37	1°35'12	minimum elong	-1408 Mar 05 j 11:14	2°♑27'50	2°54'43
minimum elong	-1409 Mar 25 j 12:52	21°♑15'43	1°34'00	min. Earth dist.	-1408 Mar 08 j 13:48	0°♑11'42	0.57571 AU
min. Earth dist.	-1409 Mar 27 j 21:18	19°♑46'41	0.55987 AU		-1408 Mar 08 j 20:32	30°♑♐	
desc. node	-1409 Mar 31 j 04:33	17°♑54'55		morning rise	-1408 Mar 13 j 07:52	27°♐24'31	
morning rise	-1409 Apr 03 j 03:38	16°♑41'50		desc. node	-1408 Mar 17 j 01:38	26°♐18'01	
direct	-1409 Apr 07 j 12:11	15°♑59'21		direct	-1408 Mar 18 j 20:22	26°♐10'12	
morning max el	-1409 Apr 21 j 12:20	23°♑02'00	24°33'23		-1408 Mar 28 j 21:01	0°♑	
	-1409 Apr 27 j 17:18	0°♒		morning max el	-1408 Apr 02 j 04:01	3°♑38'55	26°04'08
	-1409 May 15 j 10:06	0°♓			-1408 Apr 21 j 02:36	0°♒	
morning set	-1409 May 16 j 22:27	3°♓09'16		morning set	-1408 Apr 30 j 10:00	18°♒07'51	
asc. node	-1409 May 17 j 12:45	4°♓24'44		asc. node	-1408 May 03 j 09:47	24°♒30'52	
					-1408 May 05 j 22:14	0°♓	
superior conj	-1409 May 23 j 22:58	18°♓16'59	1°03'03	superior conj	-1408 May 07 j 10:08	3°♓16'34	0°41'15
minimum elong	-1409 May 23 j 20:37	18°♓04'15	1°02'39	minimum elong	-1408 May 07 j 08:25	3°♓07'12	0°40'54
max. Earth dist.	-1409 May 25 j 12:18	21°♓38'41	1.33116 AU	max. Earth dist.	-1408 May 07 j 23:20	4°♓28'49	1.32587 AU
	-1409 May 29 j 10:54	0°♔		evening rise	-1408 May 14 j 10:57	18°♓23'05	
evening rise	-1409 May 31 j 06:00	3°♔41'36			-1408 May 20 j 07:03	0°♔	
	-1409 Jun 14 j 16:44	0°♕			-1408 Jun 08 j 11:39	0°♕	
desc. node	-1409 Jun 27 j 03:46	17°♕32'59		desc. node	-1408 Jun 13 j 00:49	5°♕04'36	
evening max el	-1409 Jul 03 j 02:17	23°♕58'34	27°24'23	evening max el	-1408 Jun 14 j 07:27	6°♕19'56	26°59'46
	-1409 Jul 11 j 09:21	0°♎		retrograde	-1408 Jun 28 j 06:15	13°♕38'27	
retrograde	-1409 Jul 16 j 20:02	1°♎18'42		evening set	-1408 Jul 05 j 04:39	11°♕29'22	
	-1409 Jul 21 j 23:27	30°♎♕		min. Earth dist.	-1408 Jul 08 j 21:14	8°♕47'24	0.61070 AU
evening set	-1409 Jul 24 j 00:51	28°♕44'16		inferior conj	-1408 Jul 12 j 02:53	5°♕59'38	-4°25'48
min. Earth dist.	-1409 Jul 27 j 14:46	25°♕43'12	0.62998 AU	minimum elong	-1408 Jul 12 j 05:46	5°♕53'21	4°25'27
inferior conj	-1409 Jul 30 j 09:53	22°♕58'31	-3°54'52	morning rise	-1408 Jul 19 j 08:36	1°♕10'03	
minimum elong	-1409 Jul 30 j 14:10	22°♕47'56	3°53'55	direct	-1408 Jul 21 j 20:41	0°♕44'47	
morning rise	-1409 Aug 06 j 04:36	17°♕47'42		morning max el	-1408 Jul 28 j 22:43	4°♕14'45	18°02'40
direct	-1409 Aug 08 j 18:09	17°♕16'54		asc. node	-1408 Jul 30 j 09:01	5°♕44'58	
asc. node	-1409 Aug 13 j 11:58	19°♕03'34		morning set	-1408 Aug 13 j 21:28	29°♕25'08	
morning max el	-1409 Aug 15 j 09:20	20°♕41'37	17°54'15		-1408 Aug 14 j 05:00	0°♎	
	-1409 Aug 22 j 08:59	0°♎					
morning set	-1409 Aug 31 j 20:27	16°♎16'45		superior conj	-1408 Aug 24 j 00:24	17°♎50'23	1°31'54
	-1409 Sep 08 j 17:03	0°♏					

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1408 Aug 24 j 04:31	18°♌08'32	1°31'34			-1407 Aug 06 j 06:33	0°♌	
	-1408 Aug 31 j 02:13	0°♍		max. Earth dist.		-1407 Aug 13 j 18:30	13°♌31'03	1.39982 AU
max. Earth dist.	-1408 Aug 31 j 14:04	0°♍49'31	1.41900 AU	evening rise		-1407 Aug 18 j 02:03	20°♌52'57	
evening rise	-1408 Sep 06 j 12:31	10°♍30'21				-1407 Aug 23 j 16:10	0°♍	
desc. node	-1408 Sep 09 j 00:10	14°♍26'35		desc. node		-1407 Aug 26 j 21:11	5°♍02'14	
	-1408 Sep 19 j 05:32	0°♎				-1407 Sep 13 j 08:40	0°♎	
evening max el	-1408 Oct 09 j 10:36	26°♎32'50	22°22'18	evening max el		-1407 Sep 22 j 00:13	10°♎02'38	23°42'35
	-1408 Oct 13 j 08:45	0°♏		retrograde		-1407 Oct 02 j 16:56	16°♎21'11	
retrograde	-1408 Oct 19 j 00:33	2°♏14'43		evening set		-1407 Oct 07 j 19:49	14°♎12'52	
evening set	-1408 Oct 23 j 13:33	0°♏24'53		min. Earth dist.		-1407 Oct 12 j 17:04	8°♎30'27	0.67512 AU
	-1408 Oct 24 j 01:07	30°♐♎		inferior conj		-1407 Oct 13 j 04:19	7°♎52'02	-0°00'47
asc. node	-1408 Oct 26 j 08:12	27°♎31'09		minimum elong		-1407 Oct 13 j 04:20	7°♎51'59	0°00'47
inferior conj	-1408 Oct 28 j 21:35	24°♎06'26	0°52'24	transit middle		-1407 Oct 13 j 04:20	7°♎51'59	0°00'47
minimum elong	-1408 Oct 28 j 20:23	24°♎10'33	0°51'54	transit begin		-1407 Oct 13 j 01:38	8°♎01'14	
min. Earth dist.	-1408 Oct 28 j 20:34	24°♎09'57	0.67558 AU	transit end		-1407 Oct 13 j 07:03	7°♎42'44	
morning rise	-1408 Nov 03 j 03:06	17°♎53'49		asc. node		-1407 Oct 13 j 05:14	7°♎48'53	
direct	-1408 Nov 07 j 17:52	16°♎00'02		morning rise		-1407 Oct 18 j 12:47	1°♎43'28	
morning max el	-1408 Nov 17 j 05:24	21°♎37'18	22°20'07	direct		-1407 Oct 22 j 13:49	0°♎11'18	
	-1408 Nov 24 j 09:10	0°♏		morning max el		-1407 Oct 30 j 22:42	5°♎05'08	20°59'35
desc. node	-1408 Dec 05 j 23:32	16°♏10'16				-1407 Nov 18 j 13:33	0°♏	
	-1408 Dec 15 j 02:09	0°♐		desc. node		-1407 Nov 22 j 20:33	6°♏27'11	
morning set	-1408 Dec 20 j 13:28	8°♐42'40		morning set		-1407 Nov 29 j 19:50	17°♏11'29	
max. Earth dist.	-1408 Dec 26 j 00:33	17°♐44'33	1.40796 AU			-1407 Dec 07 j 20:45	0°♐	
	-1407 Jan 02 j 02:17	0°♑		max. Earth dist.		-1407 Dec 08 j 04:12	0°♐30'18	1.42684 AU
superior conj	-1407 Jan 02 j 19:25	1°♑16'27	-1°59'32	superior conj		-1407 Dec 15 j 03:34	12°♐05'23	-1°53'35
minimum elong	-1407 Jan 02 j 19:43	1°♑17'47	1°59'34	minimum elong		-1407 Dec 14 j 23:38	11°♐48'44	1°53'25
evening rise	-1407 Jan 12 j 23:14	20°♑00'44				-1407 Dec 25 j 09:54	0°♑	
	-1407 Jan 18 j 08:46	0°♒		evening rise		-1407 Dec 26 j 19:21	2°♑29'30	
asc. node	-1407 Jan 22 j 07:29	6°♒47'52		asc. node		-1406 Jan 09 j 04:31	24°♑55'44	
evening max el	-1407 Jan 29 j 05:51	16°♒02'49	18°18'04	evening max el		-1406 Jan 12 j 16:44	29°♑06'36	18°07'52
retrograde	-1407 Feb 05 j 09:42	19°♒36'32				-1406 Jan 13 j 15:38	0°♒	
evening set	-1407 Feb 07 j 22:59	19°♒10'25		retrograde		-1406 Jan 19 j 07:55	2°♒32'25	
inferior conj	-1407 Feb 15 j 01:18	14°♒29'17	3°40'17	evening set		-1406 Jan 22 j 01:17	1°♒57'37	
minimum elong	-1407 Feb 15 j 03:50	14°♒23'52	3°39'59			-1406 Jan 25 j 05:07	30°♒♑	
min. Earth dist.	-1407 Feb 18 j 10:45	11°♒36'02	0.59561 AU	inferior conj		-1406 Jan 28 j 14:10	26°♑55'09	3°54'54
morning rise	-1407 Feb 22 j 06:31	8°♒54'07		minimum elong		-1406 Jan 28 j 14:16	26°♑54'56	3°54'52
direct	-1407 Feb 28 j 17:37	7°♒00'58		min. Earth dist.		-1406 Jan 31 j 14:39	23°♑57'53	0.61625 AU
desc. node	-1407 Mar 03 j 22:41	7°♒27'47		morning rise		-1406 Feb 04 j 01:59	21°♑04'45	
morning max el	-1407 Mar 15 j 00:26	14°♒43'30	27°10'37	direct		-1406 Feb 11 j 00:59	18°♑38'08	
	-1407 Mar 27 j 08:06	0°♓		desc. node		-1406 Feb 18 j 19:44	21°♑16'15	
	-1407 Apr 13 j 08:38	0°♔		morning max el		-1406 Feb 25 j 02:51	26°♑26'29	27°43'10
morning set	-1407 Apr 14 j 19:21	2°♔58'53				-1406 Feb 28 j 11:22	0°♒	
asc. node	-1407 Apr 20 j 06:49	14°♔42'24		morning set		-1406 Mar 20 j 20:25	0°♓	
						-1406 Mar 30 j 00:30	17°♓34'08	
superior conj	-1407 Apr 21 j 21:54	18°♔16'23	0°17'09			-1406 Apr 04 j 21:43	0°♔	
minimum elong	-1407 Apr 21 j 21:08	18°♔12'12	0°16'59	max. Earth dist.		-1406 Apr 04 j 23:31	0°♔09'45	1.32607 AU
max. Earth dist.	-1407 Apr 21 j 12:22	17°♔24'06	1.32417 AU					
	-1407 Apr 27 j 07:12	0°♕		superior conj		-1406 Apr 06 j 08:33	3°♔09'07	-0°08'30
evening rise	-1407 Apr 28 j 20:09	3°♕16'03		minimum elong		-1406 Apr 06 j 08:56	3°♔11'16	0°08'24
	-1407 May 13 j 05:51	0°♖		behind sun begin		-1406 Apr 06 j 04:35	2°♔47'34	
evening max el	-1407 May 27 j 06:20	17°♖58'04	26°03'11	behind sun end		-1406 Apr 06 j 13:17	3°♔34'58	
desc. node	-1407 May 30 j 21:51	21°♖05'07		asc. node		-1406 Apr 07 j 03:50	4°♔54'15	
retrograde	-1407 Jun 10 j 08:01	25°♖12'38		evening rise		-1406 Apr 13 j 07:28	18°♔11'57	
evening set	-1407 Jun 16 j 11:26	23°♖40'26				-1406 Apr 19 j 03:33	0°♕	
min. Earth dist.	-1407 Jun 20 j 19:06	21°♖00'13	0.59016 AU	evening max el		-1406 May 08 j 23:19	28°♕56'16	24°41'28
inferior conj	-1407 Jun 24 j 03:15	18°♖29'43	-4°35'52			-1406 May 10 j 02:51	0°♖	
minimum elong	-1407 Jun 24 j 02:53	18°♖30'25	4°35'51	desc. node		-1406 May 17 j 18:52	4°♖59'16	
morning rise	-1407 Jul 01 j 20:46	14°♖02'12		retrograde		-1406 May 22 j 22:36	6°♖00'15	
direct	-1407 Jul 04 j 08:57	13°♖40'55		evening set		-1406 May 27 j 19:41	5°♖06'24	
morning max el	-1407 Jul 12 j 07:00	17°♖27'16	18°30'52	min. Earth dist.		-1406 Jun 02 j 11:05	2°♖11'47	0.57109 AU
asc. node	-1407 Jul 17 j 06:03	23°♖26'33		inferior conj		-1406 Jun 05 j 08:01	0°♖19'26	-4°13'38
	-1407 Jul 21 j 08:36	0°♗		minimum elong		-1406 Jun 05 j 03:22	0°♖27'05	4°12'58
morning set	-1407 Jul 28 j 11:23	13°♗11'59				-1406 Jun 05 j 19:54	30°♗♕	
				morning rise		-1406 Jun 13 j 13:55	26°♗11'49	
superior conj	-1407 Aug 06 j 11:05	0°♗21'06	1°45'06	direct		-1406 Jun 16 j 03:20	25°♗53'22	
minimum elong	-1407 Aug 06 j 12:53	0°♗29'25	1°45'03			-1406 Jun 25 j 03:13	0°♖	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning max el	-1406 Jun 25 j 07:13	0° Π 09'13	19°19'48			-1405 Jun 20 j 11:38	0° Π	
asc. node	-1406 Jul 04 j 03:05	11° Π 54'25		asc. node		-1405 Jun 21 j 00:09	0° Π 57'37	
morning set	-1406 Jul 12 j 10:26	27° Π 27'23		morning set		-1405 Jun 26 j 15:47	12° Π 03'32	
	-1406 Jul 13 j 17:02	0° \mathfrak{C}						
superior conj	-1406 Jul 20 j 15:00	13° \mathfrak{C} 44'22	1°47'49	superior conj		-1405 Jul 04 j 07:18	27° Π 46'21	1°42'23
minimum elong	-1406 Jul 20 j 14:41	13° \mathfrak{C} 42'48	1°47'51	minimum elong		-1405 Jul 04 j 05:33	27° Π 37'30	1°42'19
max. Earth dist.	-1406 Jul 26 j 21:10	25° \mathfrak{C} 35'58	1.37998 AU	max. Earth dist.		-1405 Jul 05 j 09:44	0° \mathfrak{C}	
	-1406 Jul 29 j 07:26	0° Ω		evening rise		-1405 Jul 09 j 03:47	7° \mathfrak{C} 25'20	1.36183 AU
evening rise	-1406 Jul 30 j 16:49	2° Ω 28'11				-1405 Jul 13 j 05:13	15° \mathfrak{C} 07'14	
desc. node	-1406 Aug 13 j 18:11	25° Ω 26'24		desc. node		-1405 Jul 21 j 16:25	0° Ω	
	-1406 Aug 16 j 19:46	0° \mathfrak{N}				-1405 Jul 31 j 15:12	15° Ω 32'54	
evening max el	-1406 Sep 04 j 11:48	23° \mathfrak{N} 36'38	25°00'35	evening max el		-1405 Aug 11 j 09:55	0° \mathfrak{N}	
	-1406 Sep 13 j 15:42	0° \mathfrak{A}		retrograde		-1405 Aug 17 j 23:08	7° \mathfrak{N} 11'36	26°08'30
retrograde	-1406 Sep 16 j 05:13	0° \mathfrak{A} 24'53		evening set		-1405 Aug 30 j 12:45	14° \mathfrak{N} 20'00	
	-1406 Sep 18 j 15:20	30° \mathfrak{R} \mathfrak{N}		min. Earth dist.		-1405 Sep 05 j 20:59	11° \mathfrak{N} 40'04	
evening set	-1406 Sep 21 j 22:57	27° \mathfrak{N} 59'00		inferior conj		-1405 Sep 10 j 01:30	7° \mathfrak{N} 09'46	0.66455 AU
min. Earth dist.	-1406 Sep 26 j 11:32	22° \mathfrak{N} 51'33	0.67149 AU	minimum elong		-1405 Sep 11 j 10:56	5° \mathfrak{N} 25'40	-1°50'22
inferior conj	-1406 Sep 27 j 09:23	21° \mathfrak{N} 39'34	-0°55'35	asc. node		-1405 Sep 11 j 13:39	5° \mathfrak{N} 17'13	1°49'18
minimum elong	-1406 Sep 27 j 10:45	21° \mathfrak{N} 35'05	0°55'00			-1405 Sep 16 j 23:20	29° Ω 45'41	
asc. node	-1406 Sep 30 j 02:16	18° \mathfrak{N} 16'28		morning rise		-1405 Sep 16 j 14:57	30° \mathfrak{R} Ω	
morning rise	-1406 Oct 02 j 22:37	15° \mathfrak{N} 38'06		direct		-1405 Sep 17 j 06:35	29° Ω 34'21	
direct	-1406 Oct 06 j 11:48	14° \mathfrak{N} 25'17				-1405 Sep 20 j 10:03	28° Ω 37'41	
morning max el	-1406 Oct 13 j 23:36	18° \mathfrak{N} 43'21	19°50'51	morning max el		-1405 Sep 24 j 08:59	0° \mathfrak{N}	
	-1406 Oct 22 j 21:17	0° \mathfrak{A}				-1405 Sep 27 j 07:30	2° \mathfrak{N} 29'38	18°56'40
morning set	-1406 Nov 08 j 17:01	25° \mathfrak{A} 22'36		morning set		-1405 Oct 16 j 10:12	0° \mathfrak{A}	
desc. node	-1406 Nov 09 j 17:34	26° \mathfrak{A} 57'40		desc. node		-1405 Oct 19 j 05:00	4° \mathfrak{A} 23'24	
	-1406 Nov 11 j 16:31	0° \mathfrak{M}		max. Earth dist.		-1405 Oct 27 j 14:35	17° \mathfrak{A} 36'45	
max. Earth dist.	-1406 Nov 20 j 15:55	14° \mathfrak{M} 06'59	1.44099 AU			-1405 Nov 03 j 08:53	28° \mathfrak{A} 14'48	1.44858 AU
						-1405 Nov 04 j 11:35	0° \mathfrak{M}	
superior conj	-1406 Nov 25 j 08:45	21° \mathfrak{M} 39'47	-1°30'33	superior conj		-1405 Nov 04 j 14:56	0° \mathfrak{M} 13'13	-0°50'25
minimum elong	-1406 Nov 25 j 01:09	21° \mathfrak{M} 09'03	1°29'52	minimum elong		-1405 Nov 04 j 08:40	29° \mathfrak{A} 48'29	0°49'39
	-1406 Nov 30 j 11:05	0° \mathfrak{X}		evening rise		-1405 Nov 20 j 00:12	24° \mathfrak{M} 48'01	
evening rise	-1406 Dec 08 j 21:04	14° \mathfrak{X} 07'57				-1405 Nov 23 j 05:04	0° \mathfrak{X}	
	-1406 Dec 18 j 07:01	0° \mathfrak{Z}		evening max el		-1405 Dec 10 j 16:51	25° \mathfrak{X} 46'56	18°43'51
evening max el	-1406 Dec 27 j 05:17	12° \mathfrak{Z} 23'25	18°16'43	asc. node		-1405 Dec 13 j 22:36	28° \mathfrak{X} 28'01	
asc. node	-1406 Dec 27 j 01:33	12° \mathfrak{Z} 13'52		retrograde		-1405 Dec 17 j 10:06	29° \mathfrak{X} 33'16	
retrograde	-1405 Jan 02 j 17:26	15° \mathfrak{Z} 54'09		evening set		-1405 Dec 20 j 12:54	28° \mathfrak{X} 38'05	
evening set	-1405 Jan 05 j 15:01	15° \mathfrak{Z} 09'45		inferior conj		-1405 Dec 26 j 08:01	22° \mathfrak{X} 57'39	3°24'46
inferior conj	-1405 Jan 11 j 17:40	9° \mathfrak{Z} 47'06	3°47'34	minimum elong		-1405 Dec 26 j 05:19	23° \mathfrak{X} 05'50	3°24'12
minimum elong	-1405 Jan 11 j 15:56	9° \mathfrak{Z} 51'53	3°47'21	min. Earth dist.		-1405 Dec 28 j 02:59	20° \mathfrak{X} 47'37	0.65042 AU
min. Earth dist.	-1405 Jan 14 j 03:52	7° \mathfrak{Z} 06'48	0.63501 AU	morning rise		-1405 Dec 31 j 21:22	16° \mathfrak{X} 50'20	
morning rise	-1405 Jan 17 j 16:13	3° \mathfrak{Z} 46'40		direct		-1404 Jan 07 j 14:32	13° \mathfrak{X} 58'24	
direct	-1405 Jan 24 j 16:20	0° \mathfrak{Z} 59'57		morning max el		-1404 Jan 20 j 19:53	21° \mathfrak{X} 39'14	27°01'15
desc. node	-1405 Feb 05 j 16:47	7° \mathfrak{Z} 09'43		desc. node		-1404 Jan 23 j 13:50	24° \mathfrak{X} 33'24	
morning max el	-1405 Feb 07 j 10:12	8° \mathfrak{Z} 48'20	27°38'57			-1404 Jan 28 j 03:44	0° \mathfrak{Z}	
	-1405 Feb 23 j 21:55	0° \mathfrak{A}				-1404 Feb 17 j 01:52	0° \mathfrak{A}	
	-1405 Mar 13 j 01:44	0° \mathfrak{H}		morning set		-1404 Feb 25 j 12:00	15° \mathfrak{A} 24'14	
morning set	-1405 Mar 13 j 23:05	1° \mathfrak{H} 45'52		max. Earth dist.		-1404 Mar 01 j 01:00	24° \mathfrak{A} 23'30	1.34192 AU
max. Earth dist.	-1405 Mar 19 j 05:01	12° \mathfrak{H} 33'05	1.33187 AU			-1404 Mar 03 j 18:32	0° \mathfrak{H}	
superior conj	-1405 Mar 21 j 16:22	17° \mathfrak{H} 48'55	-0°34'44	superior conj		-1404 Mar 04 j 19:22	2° \mathfrak{H} 09'25	-1°00'28
minimum elong	-1405 Mar 21 j 18:00	17° \mathfrak{H} 57'38	0°34'23	minimum elong		-1404 Mar 04 j 22:07	2° \mathfrak{H} 23'49	0°59'58
asc. node	-1405 Mar 25 j 00:53	25° \mathfrak{H} 02'22		asc. node		-1404 Mar 10 j 21:57	15° \mathfrak{H} 02'36	
	-1405 Mar 27 j 08:21	0° \mathfrak{Y}		evening rise		-1404 Mar 12 j 05:21	17° \mathfrak{H} 46'56	
evening rise	-1405 Mar 28 j 19:08	3° \mathfrak{Y} 04'21				-1404 Mar 18 j 08:33	0° \mathfrak{Y}	
	-1405 Apr 12 j 15:55	0° \mathfrak{B}		evening max el		-1404 Apr 01 j 10:43	20° \mathfrak{Y} 20'02	21°35'15
evening max el	-1405 Apr 20 j 14:32	9° \mathfrak{B} 33'48	23°07'20	retrograde		-1404 Apr 13 j 16:16	26° \mathfrak{Y} 16'29	
retrograde	-1405 May 04 j 00:27	16° \mathfrak{B} 13'12		evening set		-1404 Apr 16 j 04:09	26° \mathfrak{Y} 02'23	
desc. node	-1405 May 04 j 15:55	16° \mathfrak{B} 12'16		desc. node		-1404 Apr 20 j 12:57	24° \mathfrak{Y} 37'32	
evening set	-1405 May 07 j 12:06	15° \mathfrak{B} 46'37		inferior conj		-1404 Apr 25 j 13:27	22° \mathfrak{Y} 00'24	-1°24'43
min. Earth dist.	-1405 May 15 j 00:20	12° \mathfrak{B} 25'15	0.55687 AU	minimum elong		-1404 Apr 25 j 09:31	22° \mathfrak{Y} 05'55	1°23'21
inferior conj	-1405 May 16 j 17:12	11° \mathfrak{B} 25'41	-3°08'56	min. Earth dist.		-1404 Apr 25 j 13:32	22° \mathfrak{Y} 00'17	0.55054 AU
minimum elong	-1405 May 16 j 10:24	11° \mathfrak{B} 35'39	3°07'06	morning rise		-1404 May 04 j 15:36	18° \mathfrak{Y} 01'02	
morning rise	-1405 May 25 j 11:15	7° \mathfrak{B} 30'17		direct		-1404 May 07 j 14:46	17° \mathfrak{Y} 41'45	
direct	-1405 May 28 j 03:08	7° \mathfrak{B} 13'15		morning max el		-1404 May 20 j 00:16	23° \mathfrak{Y} 33'44	21°57'07
morning max el	-1405 Jun 07 j 21:09	12° \mathfrak{B} 12'23	20°29'23			-1404 May 25 j 17:09	0° \mathfrak{B}	

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asc. node	-1404 Jun 06 j 21:14	20°♄27'20		morning rise	-1403 Apr 14 j 10:36	28°♄08'14	
morning set	-1404 Jun 10 j 01:14	26°♄54'12		direct	-1403 Apr 18 j 04:00	27°♄37'54	
	-1404 Jun 11 j 12:48	0°♄			-1403 Apr 26 j 03:38	0°♄	
				morning max el	-1403 May 01 j 18:39	4°♄19'40	23°36'01
superior conj	-1404 Jun 17 j 08:14	12°♄16'00	1°30'43		-1403 May 19 j 14:43	0°♄	
minimum elong	-1404 Jun 17 j 05:48	12°♄03'11	1°30'29	asc. node	-1403 May 24 j 18:18	10°♄15'34	
max. Earth dist.	-1404 Jun 20 j 18:48	19°♄23'17	1.34687 AU	morning set	-1403 May 25 j 12:49	11°♄52'14	
evening rise	-1404 Jun 25 j 10:16	28°♄37'08					
	-1404 Jun 26 j 03:30	0°♄		superior conj	-1403 Jun 01 j 14:51	27°♄02'56	1°14'16
	-1404 Jul 13 j 20:32	0°♄		minimum elong	-1403 Jun 01 j 12:19	26°♄49'21	1°13'54
desc. node	-1404 Jul 17 j 12:14	5°♄14'04			-1403 Jun 02 j 23:57	0°♄	
evening max el	-1404 Jul 30 j 10:46	20°♄41'21	26°58'33	max. Earth dist.	-1403 Jun 03 j 19:16	1°♄42'38	1.33575 AU
retrograde	-1404 Aug 12 j 15:15	28°♄00'17		evening rise	-1403 Jun 09 j 03:19	12°♄43'26	
evening set	-1404 Aug 19 j 11:36	25°♄13'29			-1403 Jun 18 j 08:42	0°♄	
min. Earth dist.	-1404 Aug 23 j 08:47	21°♄20'46	0.65402 AU	desc. node	-1403 Jul 04 j 09:16	24°♄18'11	
inferior conj	-1404 Aug 25 j 06:57	19°♄07'29	-2°43'06		-1403 Jul 09 j 03:14	0°♄	
minimum elong	-1404 Aug 25 j 10:47	18°♄56'23	2°41'46	evening max el	-1403 Jul 12 j 21:48	3°♄54'50	27°23'39
morning rise	-1404 Aug 31 j 10:32	13°♄29'24		retrograde	-1403 Jul 26 j 12:09	11°♄16'17	
asc. node	-1404 Sep 02 j 20:25	12°♄46'21		evening set	-1403 Aug 02 j 15:46	8°♄33'37	
direct	-1404 Sep 03 j 06:38	12°♄45'21		min. Earth dist.	-1403 Aug 06 j 07:19	5°♄15'36	0.63974 AU
morning max el	-1404 Sep 09 j 20:26	16°♄20'20	18°18'39	inferior conj	-1403 Aug 08 j 18:54	2°♄39'21	-3°31'02
	-1404 Sep 19 j 18:52	0°♄		minimum elong	-1403 Aug 08 j 23:19	2°♄27'45	3°29'50
morning set	-1404 Sep 28 j 20:25	14°♄45'57			-1403 Aug 11 j 10:40	30°♄	
	-1404 Oct 08 j 05:44	0°♄		morning rise	-1403 Aug 15 j 07:46	27°♄17'35	
desc. node	-1404 Oct 13 j 11:36	8°♄21'09		direct	-1403 Aug 17 j 22:56	26°♄42'49	
				asc. node	-1403 Aug 20 j 17:29	27°♄21'42	
superior conj	-1404 Oct 13 j 15:50	8°♄37'53	-0°01'09		-1403 Aug 24 j 08:00	0°♄	
minimum elong	-1404 Oct 13 j 15:40	8°♄37'15	0°01'08	morning max el	-1403 Aug 24 j 11:44	0°♄09'13	17°57'55
behind sun begin	-1404 Oct 13 j 04:35	7°♄53'20		morning set	-1403 Sep 10 j 14:40	26°♄25'56	
behind sun end	-1404 Oct 14 j 02:46	9°♄21'07			-1403 Sep 12 j 16:35	0°♄	
max. Earth dist.	-1404 Oct 16 j 03:19	12°♄32'41	1.44886 AU				
	-1404 Oct 27 j 06:36	0°♄		superior conj	-1403 Sep 23 j 09:02	17°♄53'37	0°44'39
evening rise	-1404 Oct 30 j 03:19	4°♄28'34		minimum elong	-1403 Sep 23 j 13:35	18°♄12'12	0°44'04
greatest brilliancy	-1404 Nov 10 j 10:51	22°♄03'17	-0.7m	max. Earth dist.	-1403 Sep 28 j 20:20	26°♄43'19	1.44195 AU
	-1404 Nov 15 j 18:57	0°♄		desc. node	-1403 Sep 30 j 08:38	29°♄07'38	
evening max el	-1404 Nov 23 j 01:08	9°♄13'35	19°27'57		-1403 Sep 30 j 21:52	0°♄	
asc. node	-1404 Nov 29 j 19:40	13°♄23'16		evening rise	-1403 Oct 09 j 12:33	13°♄26'32	
retrograde	-1404 Nov 30 j 06:32	13°♄24'26			-1403 Oct 20 j 09:50	0°♄	
evening set	-1404 Dec 03 j 16:13	12°♄16'43		evening max el	-1403 Nov 06 j 04:27	22°♄41'26	20°26'59
inferior conj	-1404 Dec 09 j 06:01	6°♄21'29	2°50'58	retrograde	-1403 Nov 14 j 04:03	27°♄23'50	
minimum elong	-1404 Dec 09 j 03:05	6°♄30'57	2°50'07	asc. node	-1403 Nov 16 j 16:42	26°♄47'13	
min. Earth dist.	-1404 Dec 10 j 10:52	4°♄48'00	0.66205 AU	evening set	-1403 Nov 17 j 22:43	26°♄01'22	
morning rise	-1404 Dec 14 j 13:43	0°♄09'46		inferior conj	-1403 Nov 23 j 09:02	19°♄54'37	2°09'14
	-1404 Dec 14 j 18:09	30°♄		minimum elong	-1403 Nov 23 j 06:29	20°♄03'17	2°08'20
direct	-1404 Dec 20 j 18:56	27°♄25'17		min. Earth dist.	-1403 Nov 24 j 01:21	18°♄59'27	0.66998 AU
	-1404 Dec 27 j 15:48	0°♄		morning rise	-1403 Nov 28 j 14:01	13°♄40'48	
morning max el	-1403 Jan 02 j 05:20	4°♄46'20	25°57'23	direct	-1403 Dec 04 j 04:44	11°♄12'43	
desc. node	-1403 Jan 09 j 10:53	13°♄01'05		morning max el	-1403 Dec 15 j 13:46	17°♄59'44	24°36'53
	-1403 Jan 21 j 15:01	0°♄			-1403 Dec 25 j 16:03	0°♄	
morning set	-1403 Feb 07 j 11:03	28°♄16'39		desc. node	-1403 Dec 27 j 07:56	2°♄13'59	
	-1403 Feb 08 j 09:19	0°♄			-1402 Jan 14 j 16:23	0°♄	
max. Earth dist.	-1403 Feb 11 j 09:04	5°♄40'18	1.35649 AU	morning set	-1402 Jan 20 j 14:38	10°♄07'09	
				max. Earth dist.	-1402 Jan 24 j 07:06	16°♄43'07	1.37512 AU
superior conj	-1403 Feb 16 j 15:04	16°♄03'15	-1°24'12				
minimum elong	-1403 Feb 16 j 18:34	16°♄20'58	1°23'43	superior conj	-1402 Jan 31 j 00:13	29°♄21'35	-1°43'53
	-1403 Feb 23 j 10:08	0°♄		minimum elong	-1402 Jan 31 j 03:40	29°♄38'16	1°43'36
evening rise	-1403 Feb 24 j 12:09	2°♄13'21			-1402 Jan 31 j 08:08	0°♄	
asc. node	-1403 Feb 25 j 19:00	4°♄50'08		evening rise	-1402 Feb 08 j 13:16	16°♄17'01	
	-1403 Mar 13 j 03:02	0°♄		asc. node	-1402 Feb 12 j 16:03	24°♄19'41	
evening max el	-1403 Mar 14 j 16:59	1°♄37'23	20°15'48		-1402 Feb 15 j 18:04	0°♄	
retrograde	-1403 Mar 25 j 06:39	6°♄40'42		evening max el	-1402 Feb 25 j 10:17	13°♄32'54	19°14'22
evening set	-1403 Mar 27 j 10:42	6°♄28'50		retrograde	-1402 Mar 06 j 08:13	17°♄49'05	
inferior conj	-1403 Apr 05 j 10:02	2°♄30'26	0°33'47	evening set	-1402 Mar 08 j 14:36	17°♄33'46	
minimum elong	-1403 Apr 05 j 11:32	2°♄28'11	0°33'15	inferior conj	-1402 Mar 16 j 20:18	13°♄23'55	2°13'47
min. Earth dist.	-1403 Apr 07 j 03:40	1°♄28'45	0.55379 AU	minimum elong	-1402 Mar 17 j 00:47	13°♄16'22	2°12'30
desc. node	-1403 Apr 07 j 10:02	1°♄19'29		min. Earth dist.	-1402 Mar 19 j 18:53	11°♄25'52	0.56588 AU
	-1403 Apr 09 j 19:27	30°♄		morning rise	-1402 Mar 25 j 08:06	8°♄30'06	

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desc. node	-1402 Mar 25 j 07:05	8° X 31'03		desc. node	-1401 Mar 12 j 04:07	18° \approx 01'55	
direct	-1402 Mar 30 j 04:56	7° X 35'16		morning max el	-1401 Mar 26 j 02:25	25° \approx 36'22	26°36'07
morning max el	-1402 Apr 13 j 09:21	14° X 51'13	25°14'00		-1401 Mar 30 j 04:51	0° X	
	-1402 Apr 25 j 10:15	0° Y			-1401 Apr 18 j 14:21	0° Y	
morning set	-1402 May 10 j 00:49	26° Y 52'06		morning set	-1401 Apr 24 j 11:37	11° Y 47'53	
asc. node	-1402 May 11 j 15:22	0° Z 16'42		asc. node	-1401 Apr 28 j 12:25	20° Y 25'33	
	-1402 May 11 j 12:15	0° Z					
superior conj	-1402 May 17 j 00:52	11° Z 59'39	0°54'09	superior conj	-1401 May 01 j 12:27	26° Y 59'38	0°31'14
minimum elong	-1402 May 16 j 22:45	11° Z 48'05	0°53'45	minimum elong	-1401 May 01 j 11:07	26° Y 52'17	0°30'58
max. Earth dist.	-1402 May 18 j 03:27	14° Z 24'15	1.32847 AU	max. Earth dist.	-1401 May 01 j 15:53	27° Y 18'29	1.32476 AU
evening rise	-1402 May 24 j 04:46	27° Z 14'57			-1401 May 02 j 21:22	0° Z	
	-1402 May 25 j 13:12	0° II		evening rise	-1401 May 08 j 11:46	12° Z 02'10	
	-1402 Jun 11 j 17:06	0° E			-1401 May 17 j 17:34	0° II	
desc. node	-1402 Jun 21 j 06:18	12° E 29'31		evening max el	-1401 Jun 07 j 08:52	28° II 43'04	26°39'26
evening max el	-1402 Jun 25 j 06:03	16° E 39'16	27°18'05	desc. node	-1401 Jun 08 j 03:19	29° II 26'10	
retrograde	-1402 Jul 09 j 02:25	23° E 58'36			-1401 Jun 08 j 18:24	0° E	
evening set	-1402 Jul 16 j 05:41	21° E 33'38		retrograde	-1401 Jun 21 j 08:54	5° E 59'24	
min. Earth dist.	-1402 Jul 19 j 19:48	18° E 42'10	0.62205 AU	evening set	-1401 Jun 28 j 00:57	4° E 05'11	
inferior conj	-1402 Jul 22 j 19:48	15° E 54'14	-4°09'57	min. Earth dist.	-1401 Jul 01 j 22:13	1° E 26'15	0.60198 AU
minimum elong	-1402 Jul 22 j 23:43	15° E 45'05	4°09'16		-1401 Jul 03 j 17:04	30° R II	
morning rise	-1402 Jul 29 j 19:04	10° E 51'52		inferior conj	-1401 Jul 05 j 06:10	28° II 43'29	-4°33'16
direct	-1402 Aug 01 j 07:42	10° E 23'38		minimum elong	-1401 Jul 05 j 07:54	28° II 39'56	4°33'09
asc. node	-1402 Aug 07 j 14:33	13° E 21'14		morning rise	-1401 Jul 12 j 16:46	24° II 03'07	
morning max el	-1402 Aug 08 j 02:33	13° E 49'41	17°55'25	direct	-1401 Jul 15 j 04:54	23° II 39'32	
	-1402 Aug 19 j 03:44	0° O		morning max el	-1401 Jul 22 j 14:03	27° II 14'49	18°12'13
morning set	-1402 Aug 24 j 06:07	9° O 06'49		asc. node	-1401 Jul 25 j 11:36	0° E 29'59	
					-1401 Jul 25 j 02:03	0° E	
superior conj	-1402 Sep 04 j 05:10	28° O 29'09	1°18'36	morning set	-1401 Aug 07 j 13:10	22° E 33'28	
minimum elong	-1402 Sep 04 j 10:14	28° O 50'52	1°18'04		-1401 Aug 11 j 12:07	0° O	
	-1402 Sep 05 j 02:26	0° P		superior conj	-1401 Aug 17 j 03:21	10° O 22'32	1°38'57
max. Earth dist.	-1402 Sep 11 j 09:40	10° P 30'41	1.42880 AU	minimum elong	-1401 Aug 17 j 06:31	10° O 36'48	1°38'45
desc. node	-1402 Sep 17 j 05:38	19° P 52'44		max. Earth dist.	-1401 Aug 24 j 17:39	23° O 40'25	1.41109 AU
evening rise	-1402 Sep 18 j 20:03	22° P 23'46			-1401 Aug 28 j 12:35	0° P	
	-1402 Sep 23 j 18:05	0° A		evening rise	-1401 Aug 29 j 19:40	2° P 07'04	
	-1402 Oct 14 j 17:53	0° M		desc. node	-1401 Sep 04 j 02:39	10° P 33'20	
evening max el	-1402 Oct 20 j 01:52	6° M 09'14	21°37'51		-1401 Sep 17 j 03:51	0° A	
retrograde	-1402 Oct 29 j 00:40	11° M 28'16		evening max el	-1401 Oct 02 j 17:51	19° A 38'08	22°56'14
evening set	-1402 Nov 02 j 06:28	9° M 48'51		retrograde	-1401 Oct 12 j 18:56	25° A 35'38	
asc. node	-1402 Nov 03 j 13:44	8° M 38'04		evening set	-1401 Oct 17 j 13:47	23° A 37'46	
inferior conj	-1402 Nov 07 j 14:55	3° M 33'49	1°21'43	asc. node	-1401 Oct 21 j 10:45	19° A 17'39	
minimum elong	-1402 Nov 07 j 13:08	3° M 39'59	1°20'59	inferior conj	-1401 Oct 22 j 21:51	17° A 17'57	0°30'11
min. Earth dist.	-1402 Nov 07 j 19:59	3° M 16'23	0.67452 AU	minimum elong	-1401 Oct 22 j 21:09	17° A 20'23	0°29'51
	-1402 Nov 10 j 07:14	30° R A		min. Earth dist.	-1401 Oct 22 j 16:25	17° A 36'41	0.67582 AU
morning rise	-1402 Nov 12 j 19:39	27° A 20'15		morning rise	-1401 Oct 28 j 04:25	11° A 06'59	
direct	-1402 Nov 17 j 19:05	25° A 13'26		direct	-1401 Nov 01 j 13:11	9° A 22'40	
	-1402 Nov 26 j 15:39	0° M		morning max el	-1401 Nov 10 j 12:43	14° A 40'13	21°44'45
morning max el	-1402 Nov 27 j 23:03	1° M 16'26	23°09'41		-1401 Nov 22 j 18:00	0° M	
desc. node	-1402 Dec 14 j 04:57	21° M 58'26		desc. node	-1401 Dec 01 j 01:58	12° M 05'54	
	-1402 Dec 19 j 15:48	0° J		morning set	-1401 Dec 12 j 13:02	29° M 46'10	
morning set	-1401 Jan 01 j 16:21	20° J 38'13			-1401 Dec 12 j 16:30	0° J	
max. Earth dist.	-1401 Jan 06 j 02:21	28° J 08'35	1.39607 AU	max. Earth dist.	-1401 Dec 19 j 02:23	10° J 25'23	1.41652 AU
	-1401 Jan 07 j 03:59	0° Z					
superior conj	-1401 Jan 13 j 18:30	11° Z 52'01	-1°56'44	superior conj	-1401 Dec 26 j 16:43	23° J 21'57	-1°58'53
minimum elong	-1401 Jan 13 j 20:29	12° Z 01'10	1°56'41	minimum elong	-1401 Dec 26 j 15:22	23° J 16'04	1°58'53
evening rise	-1401 Jan 23 j 05:51	29° Z 50'01			-1401 Dec 30 j 10:38	0° Z	
	-1401 Jan 23 j 07:56	0° \approx		evening rise	-1400 Jan 06 j 10:38	12° Z 45'13	
asc. node	-1401 Jan 30 j 13:04	13° \approx 24'05			-1400 Jan 16 j 04:31	0° \approx	
evening max el	-1401 Feb 08 j 12:37	26° \approx 01'05	18°32'47	asc. node	-1400 Jan 17 j 10:04	1° \approx 55'34	
retrograde	-1401 Feb 16 j 04:21	29° \approx 45'37		evening max el	-1400 Jan 22 j 21:10	8° \approx 54'10	18°11'13
evening set	-1401 Feb 18 j 15:18	29° \approx 23'48		retrograde	-1400 Jan 29 j 18:22	12° \approx 23'03	
inferior conj	-1401 Feb 26 j 02:49	24° \approx 54'29	3°18'48	evening set	-1400 Feb 01 j 09:25	11° \approx 53'20	
minimum elong	-1401 Feb 26 j 06:38	24° \approx 46'59	3°18'06	inferior conj	-1400 Feb 08 j 05:34	7° \approx 02'40	3°49'40
min. Earth dist.	-1401 Mar 01 j 12:36	22° \approx 15'12	0.58397 AU	minimum elong	-1400 Feb 08 j 07:02	6° \approx 59'20	3°49'32
morning rise	-1401 Mar 05 j 19:27	19° \approx 32'11		min. Earth dist.	-1400 Feb 11 j 12:02	4° \approx 04'58	0.60453 AU
direct	-1401 Mar 11 j 18:50	18° \approx 01'32		morning rise	-1400 Feb 15 j 02:55	1° \approx 20'01	
					-1400 Feb 17 j 17:23	30° R Z	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

direct	-1400 Feb 21 j 20:16	29° Z 11'45		min. Earth dist.	-1399 Jan 23 j 19:59	16° Z 49'09	0.62454 AU
	-1400 Feb 26 j 02:50	0° \approx		morning rise	-1399 Jan 27 j 06:49	13° Z 46'04	
desc. node	-1400 Feb 27 j 01:09	0° \approx 22'26		direct	-1399 Feb 03 j 07:20	11° Z 08'58	
morning max el	-1400 Mar 07 j 01:33	6° \approx 57'04	27°29'00	desc. node	-1399 Feb 12 j 22:12	15° Z 09'08	
	-1400 Mar 24 j 11:02	0° X		morning max el	-1399 Feb 17 j 06:38	18° Z 59'00	27°45'47
morning set	-1400 Apr 07 j 19:26	26° X 33'06			-1399 Feb 26 j 15:27	0° \approx	
	-1400 Apr 09 j 11:03	0° Y			-1399 Mar 17 j 06:40	0° X	
max. Earth dist.	-1400 Apr 14 j 04:45	10° Y 12'00	1.32454 AU	morning set	-1399 Mar 22 j 22:12	11° X 00'30	
asc. node	-1400 Apr 14 j 09:26	10° Y 37'37		max. Earth dist.	-1399 Mar 28 j 14:01	22° X 50'28	1.32800 AU
superior conj	-1400 Apr 14 j 23:55	11° Y 56'49	0°06'23	superior conj	-1399 Mar 30 j 09:38	26° X 45'37	-0°19'37
minimum elong	-1400 Apr 14 j 23:38	11° Y 55'14	0°06'21	minimum elong	-1399 Mar 30 j 10:33	26° X 50'34	0°19'24
behind sun begin	-1400 Apr 14 j 18:59	11° Y 29'51			-1399 Mar 31 j 21:28	0° Y	
behind sun end	-1400 Apr 15 j 04:16	12° Y 20'38		asc. node	-1399 Apr 01 j 06:28	0° Y 48'54	
evening rise	-1400 Apr 21 j 22:06	26° Y 57'00		evening rise	-1399 Apr 06 j 09:49	11° Y 52'47	
	-1400 Apr 23 j 09:07	0° Z			-1399 Apr 15 j 16:31	0° Z	
	-1400 May 10 j 15:25	0° II		evening max el	-1399 Apr 30 j 20:10	20° Z 48'16	24°02'02
evening max el	-1400 May 19 j 04:48	10° II 01'58	25°30'47	desc. node	-1399 May 11 j 21:22	27° Z 27'20	
desc. node	-1400 May 25 j 00:21	14° II 37'30		retrograde	-1399 May 14 j 15:52	27° Z 44'54	
retrograde	-1400 Jun 02 j 06:05	17° II 13'29		evening set	-1399 May 18 j 22:09	27° Z 04'29	
evening set	-1400 Jun 07 j 21:57	15° II 57'53		min. Earth dist.	-1399 May 25 j 07:27	23° Z 59'40	0.56419 AU
min. Earth dist.	-1400 Jun 12 j 16:49	13° II 13'37	0.58164 AU	inferior conj	-1399 May 27 j 18:34	22° Z 28'14	-3°51'44
inferior conj	-1400 Jun 15 j 22:24	10° II 56'51	-4°31'08	minimum elong	-1399 May 27 j 12:30	22° Z 37'41	3°50'30
minimum elong	-1400 Jun 15 j 20:13	11° II 00'44	4°30'58	morning rise	-1399 Jun 05 j 05:50	18° Z 27'24	
morning rise	-1400 Jun 23 j 21:10	6° II 38'44		direct	-1399 Jun 07 j 19:45	18° Z 10'00	
direct	-1400 Jun 26 j 09:54	6° II 18'45		morning max el	-1399 Jun 17 j 15:28	22° Z 42'50	19°47'00
morning max el	-1400 Jul 04 j 19:15	10° II 15'30	18°49'16		-1399 Jun 23 j 17:27	0° II	
asc. node	-1400 Jul 11 j 08:39	18° II 32'42		asc. node	-1399 Jun 28 j 05:45	7° II 17'13	
	-1400 Jul 17 j 21:49	0° III		morning set	-1399 Jul 05 j 09:24	20° II 58'30	
morning set	-1400 Jul 21 j 07:21	6° III 33'25			-1399 Jul 09 j 20:16	0° III	
superior conj	-1400 Jul 29 j 22:03	23° III 17'44	1°47'24	superior conj	-1399 Jul 13 j 07:48	6° III 59'23	1°46'23
minimum elong	-1400 Jul 29 j 22:52	23° III 21'39	1°47'25	minimum elong	-1399 Jul 13 j 06:47	6° III 54'21	1°46'23
	-1400 Aug 02 j 12:06	0° I		max. Earth dist.	-1399 Jul 18 j 23:55	17° III 58'03	1.37189 AU
max. Earth dist.	-1400 Aug 05 j 20:49	6° I 05'04	1.39123 AU	evening rise	-1399 Jul 22 j 20:37	25° III 04'29	
evening rise	-1400 Aug 09 j 20:01	13° I 00'19			-1399 Jul 25 j 15:20	0° I	
	-1400 Aug 20 j 06:51	0° II		desc. node	-1399 Aug 07 j 20:42	21° I 22'12	
desc. node	-1400 Aug 20 j 23:41	1° II 04'50			-1399 Aug 13 j 20:46	0° II	
	-1400 Sep 11 j 06:37	0° III		evening max el	-1399 Aug 27 j 17:17	16° II 43'19	25°31'11
evening max el	-1400 Sep 14 j 06:08	3° III 09'05	24°16'25	retrograde	-1399 Sep 08 j 20:16	23° II 42'16	
retrograde	-1400 Sep 25 j 09:46	9° III 41'46		evening set	-1399 Sep 14 j 20:12	21° II 09'47	
evening set	-1400 Sep 30 j 18:58	7° III 25'26		min. Earth dist.	-1399 Sep 19 j 05:15	16° II 17'45	0.66890 AU
min. Earth dist.	-1400 Oct 05 j 12:18	1° III 57'46	0.67396 AU	inferior conj	-1399 Sep 20 j 07:54	14° II 51'45	-1°18'57
inferior conj	-1400 Oct 06 j 04:05	1° III 04'34	-0°23'54	minimum elong	-1399 Sep 20 j 09:51	14° II 45'29	1°18'09
minimum elong	-1400 Oct 06 j 04:40	1° III 02'37	0°23'40	asc. node	-1399 Sep 24 j 04:53	10° II 20'12	
	-1400 Oct 06 j 23:22	30° R II		morning rise	-1399 Sep 25 j 23:39	8° II 54'05	
asc. node	-1400 Oct 07 j 07:48	29° II 32'12		direct	-1399 Sep 29 j 08:19	7° II 48'42	
morning rise	-1400 Oct 11 j 14:23	24° II 58'50		morning max el	-1399 Oct 06 j 13:22	11° II 54'57	19°25'51
direct	-1400 Oct 15 j 10:03	23° II 35'28			-1399 Oct 19 j 22:12	0° III	
morning max el	-1400 Oct 23 j 09:20	28° II 13'09	20°28'46	morning set	-1399 Oct 30 j 13:24	16° III 24'01	
	-1400 Oct 25 j 01:12	0° III		desc. node	-1399 Nov 03 j 20:03	23° III 03'52	
	-1400 Nov 15 j 07:57	0° III			-1399 Nov 08 j 06:25	0° III	
desc. node	-1400 Nov 16 j 23:01	2° III 29'22		max. Earth dist.	-1399 Nov 12 j 23:15	7° III 24'24	1.44502 AU
morning set	-1400 Nov 20 j 12:38	7° III 59'27		superior conj	-1399 Nov 16 j 07:44	12° III 44'04	-1°15'21
max. Earth dist.	-1400 Nov 30 j 09:37	23° III 34'44	1.43355 AU	minimum elong	-1399 Nov 15 j 23:54	12° III 12'49	1°14'32
	-1400 Dec 04 j 08:25	0° X			-1399 Nov 26 j 23:12	0° X	
superior conj	-1400 Dec 06 j 13:35	3° X 39'21	-1°46'02	evening rise	-1399 Nov 30 j 16:03	6° X 08'23	
minimum elong	-1400 Dec 06 j 07:46	3° X 15'16	1°45'40		-1399 Dec 15 j 11:53	0° Z	
evening rise	-1400 Dec 18 j 23:32	24° X 54'19		evening max el	-1399 Dec 19 j 21:33	5° Z 25'16	18°26'09
	-1400 Dec 21 j 21:18	0° Z		asc. node	-1399 Dec 21 j 04:08	6° Z 37'21	
asc. node	-1399 Jan 03 j 07:05	19° Z 44'16		retrograde	-1399 Dec 26 j 11:01	9° Z 01'25	
evening max el	-1399 Jan 05 j 09:04	22° Z 04'36	18°09'17	evening set	-1399 Dec 29 j 10:36	8° Z 12'45	
retrograde	-1399 Jan 11 j 22:05	25° Z 31'26		inferior conj	-1398 Jan 04 j 09:47	2° Z 42'32	3°39'28
evening set	-1399 Jan 14 j 17:02	24° Z 52'51		minimum elong	-1398 Jan 04 j 07:32	2° Z 49'00	3°39'07
inferior conj	-1399 Jan 21 j 01:13	19° Z 41'35	3°54'02	min. Earth dist.	-1398 Jan 06 j 13:36	0° Z 13'35	0.64200 AU
minimum elong	-1399 Jan 21 j 00:26	19° Z 43'37	3°53'58		-1398 Jan 06 j 18:27	30° R X	

