

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

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

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning rise	-4399 Oct 03 j 20:53	26° Ω 29'07		minimum elong	-4398 Sep 12 j 21:04	16° Ω 20'35	0°53'42
direct	-4399 Oct 08 j 05:55	24° Ω 44'27		asc. node	-4398 Sep 15 j 12:06	12° Ω 57'42	
	-4399 Oct 17 j 04:58	0° Π		morning rise	-4398 Sep 18 j 06:08	10° Ω 17'24	
morning max el	-4399 Oct 17 j 08:36	0° Π 09'14	21°53'37	direct	-4398 Sep 22 j 02:29	8° Ω 52'48	
	-4399 Nov 08 j 12:16	0° Ω		morning max el	-4398 Sep 30 j 04:28	13° Ω 36'47	20°37'02
desc. node	-4399 Nov 10 j 09:28	2° Ω 51'15			-4398 Oct 12 j 19:15	0° Π	
morning set	-4399 Nov 18 j 13:33	15° Ω 35'41		desc. node	-4398 Oct 28 j 06:21	23° Π 20'00	
max. Earth dist.	-4399 Nov 25 j 00:02	26° Ω 04'58	1.41513 AU	morning set	-4398 Oct 28 j 15:11	23° Π 54'15	
	-4399 Nov 27 j 08:05	0° Π			-4398 Nov 01 j 12:42	0° Ω	
				max. Earth dist.	-4398 Nov 07 j 07:29	9° Ω 13'14	1.43207 AU
superior conj	-4399 Dec 02 j 15:14	9° Π 07'40	-1°49'58				
minimum elong	-4399 Dec 02 j 12:29	8° Π 55'36	1°49'59	superior conj	-4398 Nov 13 j 14:06	19° Ω 30'38	-1°31'30
evening rise	-4399 Dec 13 j 05:33	28° Π 19'13		minimum elong	-4398 Nov 13 j 07:58	19° Ω 05'08	1°31'01
	-4399 Dec 14 j 03:24	0° Σ			-4398 Nov 19 j 18:43	0° Π	
asc. node	-4399 Dec 25 j 13:48	19° Σ 32'42		evening rise	-4398 Nov 25 j 20:35	10° Π 35'39	
evening max el	-4399 Dec 29 j 14:58	24° Σ 26'56	18°12'02		-4398 Dec 07 j 06:17	0° Σ	
retrograde	-4398 Jan 05 j 13:43	27° Σ 57'39		asc. node	-4398 Dec 12 j 10:54	6° Σ 55'47	
evening set	-4398 Jan 08 j 04:35	27° Σ 28'30		evening max el	-4398 Dec 13 j 02:46	7° Σ 37'16	18°09'00
inferior conj	-4398 Jan 15 j 02:31	22° Σ 38'03	4°04'07	retrograde	-4398 Dec 19 j 16:58	11° Σ 06'03	
minimum elong	-4398 Jan 15 j 02:40	22° Σ 37'42	4°03'54	evening set	-4398 Dec 22 j 10:51	10° Σ 29'02	
min. Earth dist.	-4398 Jan 18 j 08:02	19° Σ 44'19	0.60489 AU	inferior conj	-4398 Dec 28 j 21:12	5° Σ 17'20	3°56'16
morning rise	-4398 Jan 21 j 23:15	16° Σ 59'52		minimum elong	-4398 Dec 28 j 19:13	5° Σ 22'26	3°55'52
direct	-4398 Jan 28 j 18:24	14° Σ 50'21		min. Earth dist.	-4398 Dec 31 j 15:03	2° Σ 28'59	0.62413 AU
desc. node	-4398 Feb 06 j 09:03	17° Σ 54'11			-4397 Jan 03 j 08:53	30° Σ	
morning max el	-4398 Feb 11 j 21:37	22° Σ 29'05	27°22'17	morning rise	-4397 Jan 04 j 02:43	29° Π 25'40	
	-4398 Feb 18 j 14:06	0° Ξ		direct	-4397 Jan 11 j 04:26	26° Π 48'37	
	-4398 Mar 09 j 12:57	0° \approx			-4397 Jan 19 j 17:38	0° Σ	
morning set	-4398 Mar 15 j 10:53	11° \approx 43'31		desc. node	-4397 Jan 24 j 06:06	3° Σ 43'02	
max. Earth dist.	-4398 Mar 21 j 21:39	25° \approx 30'04	1.32614 AU	morning max el	-4397 Jan 25 j 02:12	4° Σ 31'24	27°42'15
					-4397 Feb 13 j 05:34	0° Ξ	
superior conj	-4398 Mar 22 j 14:37	27° \approx 02'43	-0°09'48	morning set	-4397 Feb 27 j 14:20	26° Ξ 15'16	
minimum elong	-4398 Mar 22 j 15:04	27° \approx 05'08	0°09'50		-4397 Mar 01 j 10:10	0° \approx	
behind sun begin	-4398 Mar 22 j 11:06	26° \approx 43'28		max. Earth dist.	-4397 Mar 05 j 07:42	8° \approx 14'02	1.32934 AU
behind sun end	-4398 Mar 22 j 19:02	27° \approx 26'47					
asc. node	-4398 Mar 23 j 13:12	29° \approx 06'06		superior conj	-4397 Mar 07 j 00:39	11° \approx 54'48	-0°34'43
	-4398 Mar 23 j 23:03	0° X		minimum elong	-4397 Mar 07 j 02:11	12° \approx 03'07	0°34'33
evening rise	-4398 Mar 29 j 13:56	12° X 06'34		asc. node	-4397 Mar 10 j 10:11	19° \approx 16'53	
	-4398 Apr 07 j 18:10	0° Υ		evening rise	-4397 Mar 14 j 01:29	27° \approx 04'03	
evening max el	-4398 Apr 25 j 23:09	25° Υ 12'44	25°33'37		-4397 Mar 15 j 11:11	0° X	
	-4398 May 02 j 02:30	0° X			-4397 Apr 02 j 04:37	0° Υ	
desc. node	-4398 May 05 j 07:39	1° X 32'33		evening max el	-4397 Apr 07 j 15:28	6° Υ 03'32	24°05'54
retrograde	-4398 May 10 j 01:08	2° X 25'12		retrograde	-4397 Apr 21 j 10:45	12° Υ 58'35	
evening set	-4398 May 15 j 14:17	1° X 12'21		desc. node	-4397 Apr 22 j 04:48	12° Υ 57'18	
	-4398 May 17 j 23:32	30° X		evening set	-4397 Apr 25 j 16:23	12° Υ 18'40	
min. Earth dist.	-4398 May 20 j 11:38	28° Υ 24'38	0.58198 AU	min. Earth dist.	-4397 May 02 j 03:09	9° Υ 11'49	0.56486 AU
inferior conj	-4398 May 23 j 17:20	26° Υ 06'38	-3°58'56	inferior conj	-4397 May 04 j 14:18	7° Υ 39'57	-3°04'56
minimum elong	-4398 May 23 j 13:48	26° Υ 12'57	3°58'25	minimum elong	-4397 May 04 j 08:32	7° Υ 48'58	3°03'31
morning rise	-4398 May 31 j 16:08	21° Υ 46'45		morning rise	-4397 May 13 j 03:44	3° Υ 37'06	
direct	-4398 Jun 03 j 03:50	21° Υ 27'12		direct	-4397 May 15 j 14:55	3° Υ 21'02	
morning max el	-4398 Jun 11 j 11:33	25° Υ 22'19	18°47'54	morning max el	-4397 May 25 j 08:49	7° Υ 52'35	19°43'39
	-4398 Jun 15 j 12:23	0° X		asc. node	-4397 Jun 06 j 09:54	25° Υ 05'59	
asc. node	-4398 Jun 19 j 12:55	6° X 04'04			-4397 Jun 09 j 00:02	0° X	
morning set	-4398 Jun 27 j 23:01	21° X 35'30		morning set	-4397 Jun 12 j 00:12	5° X 56'59	
	-4398 Jul 02 j 06:16	0° Π					
superior conj	-4398 Jul 06 j 15:58	8° Π 28'28	1°49'04	superior conj	-4397 Jun 20 j 00:36	22° X 05'09	1°42'56
minimum elong	-4398 Jul 06 j 15:33	8° Π 26'31	1°49'16	minimum elong	-4397 Jun 19 j 22:37	21° X 55'21	1°42'59
max. Earth dist.	-4398 Jul 13 j 13:47	21° Π 10'44	1.39111 AU		-4397 Jun 24 j 02:11	0° Π	
evening rise	-4398 Jul 17 j 14:29	28° Π 12'35		max. Earth dist.	-4397 Jun 25 j 16:36	3° Π 01'53	1.37220 AU
	-4398 Jul 18 j 15:44	0° Ξ		evening rise	-4397 Jun 29 j 14:07	10° Π 11'39	
desc. node	-4398 Aug 01 j 06:30	21° Ξ 37'10			-4397 Jul 11 j 08:23	0° Ξ	
	-4398 Aug 07 j 01:43	0° Ω		desc. node	-4397 Jul 19 j 03:31	11° Ξ 43'11	
evening max el	-4398 Aug 22 j 01:13	18° Ω 30'28	24°12'45		-4397 Aug 02 j 12:42	0° Ω	
retrograde	-4398 Sep 02 j 02:43	25° Ω 00'27		evening max el	-4397 Aug 04 j 11:46	2° Ω 00'42	25°28'19
evening set	-4398 Sep 07 j 11:58	22° Ω 43'09		retrograde	-4397 Aug 16 j 13:09	8° Ω 59'07	
min. Earth dist.	-4398 Sep 12 j 05:42	17° Ω 12'33	0.67272 AU	evening set	-4397 Aug 22 j 13:24	6° Ω 24'32	
inferior conj	-4398 Sep 12 j 19:49	16° Ω 24'51	-0°54'23	min. Earth dist.	-4397 Aug 26 j 22:16	1° Ω 30'41	0.66812 AU
				inferior conj	-4397 Aug 27 j 23:37	0° Ω 08'30	-1°46'21

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minimum elong	-4397 Aug 28 j 02:02	0°Ω00'39	1°45'14	morning rise	-4396 Aug 16 j 20:48	8°Ω03'05	
	-4397 Aug 28 j 02:14	30°RΩ		asc. node	-4396 Aug 19 j 06:17	7°Ω12'28	
asc. node	-4397 Sep 02 j 09:12	24°Ω19'16		direct	-4396 Aug 19 j 22:15	7°Ω09'57	
morning rise	-4397 Sep 02 j 14:46	24°Ω09'50		morning max el	-4396 Aug 26 j 16:58	10°Ω57'08	18°44'06
direct	-4397 Sep 06 j 00:32	23°Ω02'35			-4396 Sep 09 j 05:24	0°Ω	
morning max el	-4397 Sep 13 j 07:40	27°Ω13'50	19°33'01	morning set	-4396 Sep 16 j 13:57	11°Ω46'00	
	-4397 Sep 15 j 19:00	0°Ω			-4396 Sep 28 j 01:08	0°Π	
	-4397 Oct 06 j 04:39	0°Π		desc. node	-4396 Oct 01 j 00:08	4°Π40'01	
morning set	-4397 Oct 07 j 16:30	2°Π19'25					
desc. node	-4397 Oct 15 j 03:14	13°Π57'31		superior conj	-4396 Oct 02 j 10:38	6°Π55'56	-0°09'06
max. Earth dist.	-4397 Oct 20 j 21:23	23°Π02'01	1.44351 AU	minimum elong	-4396 Oct 02 j 09:27	6°Π51'16	0°08'50
				behind sun begin	-4396 Oct 01 j 23:44	6°Π13'00	
superior conj	-4397 Oct 24 j 09:33	28°Π37'10	-0°56'26	behind sun end	-4396 Oct 02 j 19:09	7°Π29'32	
minimum elong	-4397 Oct 24 j 03:16	28°Π12'04	0°55'41	max. Earth dist.	-4396 Oct 02 j 14:30	7°Π11'12	1.44811 AU
	-4397 Oct 25 j 06:13	0°Ω			-4396 Oct 17 j 00:21	0°Ω	
evening rise	-4397 Nov 07 j 15:40	21°Ω57'48		evening rise	-4396 Oct 18 j 10:32	2°Ω16'28	
	-4397 Nov 12 j 10:52	0°Π			-4396 Nov 05 j 10:13	0°Π	
evening max el	-4397 Nov 26 j 15:24	20°Π57'18	18°24'47	evening max el	-4396 Nov 09 j 02:20	4°Π22'15	18°58'19
asc. node	-4397 Nov 29 j 08:00	23°Π14'47		asc. node	-4396 Nov 15 j 05:07	8°Π14'03	
retrograde	-4397 Dec 03 j 05:34	24°Π34'48		retrograde	-4396 Nov 15 j 23:40	8°Π17'25	
evening set	-4397 Dec 06 j 03:31	23°Π48'38		evening set	-4396 Nov 19 j 03:30	7°Π20'00	
inferior conj	-4397 Dec 12 j 04:46	18°Π18'00	3°31'19	inferior conj	-4396 Nov 24 j 21:45	1°Π33'25	2°54'53
minimum elong	-4397 Dec 12 j 01:44	18°Π26'40	3°30'33	minimum elong	-4396 Nov 24 j 18:34	1°Π43'15	2°53'53
min. Earth dist.	-4397 Dec 14 j 08:10	15°Π51'32	0.64081 AU		-4396 Nov 26 j 03:51	30°RΩ	
morning rise	-4397 Dec 17 j 23:26	12°Π16'18		min. Earth dist.	-4396 Nov 26 j 10:54	29°Ω38'21	0.65411 AU
direct	-4397 Dec 24 j 22:01	9°Π26'16		morning rise	-4396 Nov 30 j 09:17	25°Ω24'31	
morning max el	-4396 Jan 07 j 10:51	17°Π08'27	27°26'29	direct	-4396 Dec 06 j 22:09	22°Ω35'38	
desc. node	-4396 Jan 11 j 03:08	21°Π03'44			-4396 Dec 19 j 17:30	0°Π	
	-4396 Jan 18 j 06:01	0°♂		morning max el	-4396 Dec 19 j 20:33	0°Π07'36	26°39'53
	-4396 Feb 05 j 23:51	0°♂		desc. node	-4396 Dec 28 j 00:07	9°Π29'11	
morning set	-4396 Feb 11 j 10:09	10°♂19'50			-4395 Jan 11 j 04:28	0°♂	
max. Earth dist.	-4396 Feb 16 j 10:25	20°♂29'51	1.33641 AU	morning set	-4395 Jan 24 j 18:48	23°♂45'58	
					-4395 Jan 28 j 00:08	0°♂	
superior conj	-4396 Feb 19 j 07:18	26°♂32'22	-0°58'42	max. Earth dist.	-4395 Jan 29 j 02:17	2°♂09'35	1.34780 AU
minimum elong	-4396 Feb 19 j 09:46	26°♂45'29	0°58'27				
	-4396 Feb 20 j 22:15	0°≈		superior conj	-4395 Feb 02 j 08:25	10°♂48'38	-1°20'33
asc. node	-4396 Feb 25 j 07:10	9°≈20'07		minimum elong	-4395 Feb 02 j 11:27	11°♂04'18	1°20'20
evening rise	-4396 Feb 26 j 12:40	11°≈55'27		evening rise	-4395 Feb 09 j 21:44	26°♂34'46	
	-4396 Mar 06 j 21:24	0°♂		asc. node	-4395 Feb 11 j 04:12	29°♂11'16	
evening max el	-4396 Mar 19 j 08:39	16°♂47'17	22°31'45		-4395 Feb 11 j 13:46	0°≈	
retrograde	-4396 Apr 01 j 08:20	23°♂07'46		evening max el	-4395 Mar 01 j 08:58	27°≈50'52	21°04'03
evening set	-4396 Apr 04 j 09:35	22°♂47'16			-4395 Mar 03 j 21:50	0°♂	
desc. node	-4396 Apr 08 j 01:59	21°♂33'27		retrograde	-4395 Mar 12 j 22:15	3°♂21'34	
min. Earth dist.	-4396 Apr 12 j 17:26	19°♂09'06	0.55410 AU	evening set	-4395 Mar 15 j 08:33	3°♂07'50	
inferior conj	-4396 Apr 13 j 17:40	18°♂34'31	-1°31'57		-4395 Mar 23 j 01:20	30°R≈	
minimum elong	-4396 Apr 13 j 13:38	18°♂40'16	1°30'41	inferior conj	-4395 Mar 24 j 13:10	29°≈09'26	0°23'27
morning rise	-4396 Apr 22 j 19:32	14°♂37'04		minimum elong	-4395 Mar 24 j 14:14	29°≈07'55	0°22'57
direct	-4396 Apr 25 j 09:08	14°♂21'51		min. Earth dist.	-4395 Mar 25 j 07:49	28°≈42'53	0.55216 AU
morning max el	-4396 May 06 j 19:39	19°♂43'21	20°58'55	desc. node	-4395 Mar 25 j 23:08	28°≈21'13	
	-4396 May 15 j 02:02	0°Υ		morning rise	-4395 Apr 02 j 19:19	24°≈59'48	
asc. node	-4396 May 23 j 06:52	14°Υ34'36		direct	-4395 Apr 05 j 21:17	24°≈39'02	
morning set	-4396 May 26 j 07:01	20°Υ38'18			-4395 Apr 17 j 20:13	0°♂	
	-4396 May 30 j 19:18	0°♂		morning max el	-4395 Apr 18 j 19:54	0°♂53'53	22°30'03
					-4395 May 08 j 00:13	0°Υ	
superior conj	-4396 Jun 02 j 20:04	6°♂16'36	1°30'14	asc. node	-4395 May 10 j 03:51	4°Υ23'10	
minimum elong	-4396 Jun 02 j 17:25	6°♂02'59	1°30'04	morning set	-4395 May 10 j 17:25	5°Υ33'34	
max. Earth dist.	-4396 Jun 07 j 01:40	14°♂49'26	1.35582 AU				
evening rise	-4396 Jun 11 j 09:42	23°♂11'50		superior conj	-4395 May 17 j 23:04	20°Υ52'55	1°12'50
	-4396 Jun 15 j 02:26	0°Π		minimum elong	-4395 May 17 j 20:26	20°Υ39'02	1°12'29
	-4396 Jul 03 j 23:53	0°Ω		max. Earth dist.	-4395 May 20 j 20:45	26°Υ57'33	1.34302 AU
desc. node	-4396 Jul 05 j 00:35	1°Ω24'21			-4395 May 22 j 08:16	0°♂	
evening max el	-4396 Jul 16 j 22:37	15°Ω30'11	26°30'44	evening rise	-4395 May 25 j 20:04	6°♂58'44	
retrograde	-4396 Jul 29 j 18:51	22°Ω46'34			-4395 Jun 07 j 16:35	0°Π	
evening set	-4396 Aug 05 j 08:39	20°Ω00'42		desc. node	-4395 Jun 21 j 21:42	20°Π30'05	
min. Earth dist.	-4396 Aug 09 j 09:29	15°Ω45'07	0.65999 AU	evening max el	-4395 Jun 29 j 10:01	28°Π51'55	27°11'56
inferior conj	-4396 Aug 10 j 23:16	13°Ω49'57	-2°35'09		-4395 Jun 30 j 15:06	0°Ω	
minimum elong	-4396 Aug 11 j 02:35	13°Ω39'51	2°33'51	retrograde	-4395 Jul 12 j 19:20	6°Ω15'34	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening set	-4395 Jul 19 j 19:03	3°☿28'07		evening set	-4394 Jul 02 j 17:15	16°♊40'38	
	-4395 Jul 23 j 09:25	30°♋♊		min. Earth dist.	-4394 Jul 06 j 07:31	13°♊34'03	0.63257 AU
min. Earth dist.	-4395 Jul 23 j 13:10	29°♊49'45	0.64816 AU	inferior conj	-4394 Jul 09 j 00:48	10°♊49'30	-3°52'54
inferior conj	-4395 Jul 25 j 16:34	27°♊25'41	-3°18'26	minimum elong	-4394 Jul 09 j 04:02	10°♊41'19	3°52'10
minimum elong	-4395 Jul 25 j 20:16	27°♊15'18	3°17'16	morning rise	-4394 Jul 15 j 15:44	5°♊35'30	
morning rise	-4395 Jul 31 j 22:01	21°♊53'41		direct	-4394 Jul 18 j 07:25	5°♊01'36	
direct	-4395 Aug 03 j 17:32	21°♊11'27		asc. node	-4394 Jul 24 j 00:25	7°♊37'27	
asc. node	-4395 Aug 06 j 03:21	21°♊42'10		morning max el	-4394 Jul 24 j 21:05	8°♊25'46	17°57'21
morning max el	-4395 Aug 10 j 06:17	24°♊42'57	18°11'50		-4394 Aug 08 j 03:02	0°☿	
	-4395 Aug 14 j 14:13	0°☿		morning set	-4394 Aug 10 j 16:11	4°☿27'53	
morning set	-4395 Aug 28 j 14:47	22°☿31'51					
	-4395 Sep 02 j 02:33	0°♌		superior conj	-4394 Aug 22 j 16:51	25°☿06'02	1°16'35
				minimum elong	-4394 Aug 22 j 22:38	25°☿30'05	1°16'10
superior conj	-4395 Sep 11 j 14:43	15°♌27'55	0°39'01		-4394 Aug 25 j 16:02	0°♌	
minimum elong	-4395 Sep 11 j 19:13	15°♌45'52	0°38'36	max. Earth dist.	-4394 Aug 28 j 23:27	5°♌22'35	1.43592 AU
max. Earth dist.	-4395 Sep 15 j 08:08	21°♌23'49	1.44545 AU	desc. node	-4394 Sep 04 j 18:03	16°♌07'44	
desc. node	-4395 Sep 17 j 21:04	25°♌24'29		evening rise	-4394 Sep 07 j 09:37	20°♌15'09	
	-4395 Sep 20 j 19:15	0°♍			-4394 Sep 13 j 18:16	0°♍	
evening rise	-4395 Sep 28 j 05:10	11°♍33'25			-4394 Oct 05 j 06:11	0°♎	
	-4395 Oct 10 j 04:57	0°♎		evening max el	-4394 Oct 06 j 10:43	1°♎16'01	20°51'43
greatest brilliancy	-4395 Oct 10 j 20:29	0°♎58'30	-0.7m	retrograde	-4394 Oct 14 j 17:28	6°♎09'37	
evening max el	-4395 Oct 23 j 09:21	17°♎49'17	19°48'01	evening set	-4394 Oct 18 j 15:38	4°♎41'48	
retrograde	-4395 Oct 30 j 20:23	22°♎10'01		asc. node	-4394 Oct 19 j 23:22	3°♎32'46	
asc. node	-4395 Nov 02 j 02:14	21°♎40'47			-4394 Oct 22 j 23:16	30°♋♍	
evening set	-4395 Nov 03 j 08:16	20°♎58'46		inferior conj	-4394 Oct 24 j 01:10	28°♍32'36	1°21'42
inferior conj	-4395 Nov 08 j 21:20	14°♎59'16	2°10'47	minimum elong	-4394 Oct 23 j 23:21	28°♍38'46	1°21'00
minimum elong	-4395 Nov 08 j 18:38	15°♎08'07	2°09'48	min. Earth dist.	-4394 Oct 24 j 13:46	27°♍49'40	0.67029 AU
min. Earth dist.	-4395 Nov 09 j 21:30	13°♎39'50	0.66390 AU	morning rise	-4394 Oct 29 j 06:54	22°♍17'10	
morning rise	-4395 Nov 14 j 04:45	8°♎45'49		direct	-4394 Nov 03 j 15:01	19°♍59'10	
direct	-4395 Nov 20 j 04:04	6°♎09'02		morning max el	-4394 Nov 14 j 14:19	26°♍31'48	24°08'00
morning max el	-4395 Dec 02 j 05:33	13°♎17'26	25°30'30		-4394 Nov 17 j 19:24	0°♎	
desc. node	-4395 Dec 14 j 21:06	28°♎40'27		desc. node	-4394 Dec 01 j 18:04	18°♎24'13	
	-4395 Dec 15 j 20:02	0°♏			-4394 Dec 09 j 10:57	0°♏	
	-4394 Jan 03 j 22:19	0°♐		morning set	-4394 Dec 20 j 06:29	17°♏43'48	
morning set	-4394 Jan 07 j 11:32	6°♐19'08		max. Earth dist.	-4394 Dec 24 j 03:34	24°♏32'27	1.38316 AU
max. Earth dist.	-4394 Jan 11 j 06:31	13°♐20'30	1.36372 AU		-4394 Dec 27 j 03:47	0°♐	
				superior conj	-4394 Dec 31 j 06:20	7°♐41'47	-1°50'38
superior conj	-4394 Jan 17 j 01:18	24°♐35'00	-1°38'36	minimum elong	-4394 Dec 31 j 08:07	7°♐50'14	1°50'46
minimum elong	-4394 Jan 17 j 04:13	24°♐49'35	1°38'32	evening rise	-4393 Jan 09 j 01:20	24°♐51'36	
	-4394 Jan 19 j 17:55	0°♑			-4393 Jan 11 j 16:36	0°♑	
evening rise	-4394 Jan 25 j 02:43	10°♑55'25		asc. node	-4393 Jan 15 j 22:19	7°♑53'25	
asc. node	-4394 Jan 29 j 01:15	18°♑44'27		evening max el	-4393 Jan 25 j 16:03	21°♑38'54	18°56'39
	-4394 Feb 04 j 09:41	0°♒		retrograde	-4393 Feb 03 j 01:11	25°♑40'20	
evening max el	-4394 Feb 11 j 19:28	9°♒27'25	19°50'59	evening set	-4393 Feb 05 j 11:30	25°♑21'27	
retrograde	-4394 Feb 21 j 15:57	14°♒07'32		inferior conj	-4393 Feb 13 j 09:04	21°♑03'57	3°22'24
evening set	-4394 Feb 23 j 23:54	13°♒53'03		minimum elong	-4393 Feb 13 j 13:30	20°♑56'00	3°21'22
inferior conj	-4394 Mar 04 j 14:38	9°♒51'23	2°09'33	min. Earth dist.	-4393 Feb 16 j 13:29	18°♑48'24	0.57430 AU
minimum elong	-4394 Mar 04 j 19:24	9°♒43'59	2°07'59	morning rise	-4393 Feb 21 j 12:58	15°♑58'56	
min. Earth dist.	-4394 Mar 06 j 22:07	8°♒25'39	0.55950 AU	direct	-4393 Feb 26 j 22:05	14°♑49'55	
desc. node	-4394 Mar 12 j 20:17	5°♒28'47		desc. node	-4393 Feb 27 j 17:25	14°♑51'29	
morning rise	-4394 Mar 13 j 12:35	5°♒15'39		morning max el	-4393 Mar 13 j 03:29	22°♑11'22	25°42'16
direct	-4394 Mar 17 j 15:40	4°♒37'46			-4393 Mar 20 j 00:38	0°♒	
morning max el	-4394 Mar 31 j 12:28	11°♒34'21	24°08'59		-4393 Apr 06 j 23:58	0°♒	
	-4394 Apr 14 j 10:11	0°♓		morning set	-4393 Apr 09 j 17:34	5°♓37'43	
morning set	-4394 Apr 25 j 05:30	20°♓35'23		asc. node	-4393 Apr 13 j 21:52	14°♓34'47	
asc. node	-4394 Apr 27 j 00:51	24°♓24'52					
	-4394 Apr 29 j 15:11	0°♈		superior conj	-4393 Apr 16 j 17:37	20°♓44'08	0°29'00
superior conj	-4394 May 02 j 06:56	5°♈44'24	0°52'04	minimum elong	-4393 Apr 16 j 16:22	20°♓37'19	0°28'42
minimum elong	-4394 May 02 j 04:50	5°♈33'04	0°51'40	max. Earth dist.	-4393 Apr 17 j 12:02	22°♓24'30	1.32820 AU
max. Earth dist.	-4394 May 04 j 01:14	9°♈31'32	1.33388 AU		-4393 Apr 21 j 00:28	0°♈	
evening rise	-4394 May 09 j 16:50	21°♈17'44		evening rise	-4393 Apr 23 j 20:43	5°♈57'57	
	-4394 May 14 j 03:39	0°♉			-4393 May 06 j 18:20	0°♉	
	-4394 Jun 01 j 15:28	0°♊		evening max el	-4393 May 25 j 02:21	24°♉19'54	27°06'30
desc. node	-4394 Jun 08 j 18:50	8°♊44'36		desc. node	-4393 May 26 j 15:58	25°♉46'13	
evening max el	-4394 Jun 11 j 20:10	11°♊52'53	27°25'18		-4393 Jun 01 j 16:15	0°♊	
retrograde	-4394 Jun 25 j 13:41	19°♊16'58		retrograde	-4393 Jun 08 j 01:12	1°♊42'03	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4393 Jun 14 j 03:17	30° RB		evening max el	-4392 May 06 j 02:33	6° B 05'19	26°15'31
evening set	-4393 Jun 14 j 23:14	29° B 30'35		desc. node	-4392 May 12 j 13:07	11° B 05'21	
min. Earth dist.	-4393 Jun 18 j 15:47	26° B 44'26	0.61377 AU	retrograde	-4392 May 20 j 04:41	13° B 23'43	
inferior conj	-4393 Jun 21 j 20:40	23° B 53'40	-4°13'33	evening set	-4392 May 26 j 09:10	11° B 48'12	
minimum elong	-4393 Jun 21 j 22:11	23° B 50'16	4°13'18	min. Earth dist.	-4392 May 30 j 15:22	9° B 05'56	0.59331 AU
morning rise	-4393 Jun 28 j 22:43	19° B 00'27		inferior conj	-4392 Jun 03 j 00:32	6° B 29'16	-4°12'52
direct	-4393 Jul 01 j 12:14	18° B 33'02		minimum elong	-4392 Jun 02 j 23:02	6° B 32'13	4°12'41
morning max el	-4393 Jul 08 j 10:41	21° B 59'33	18°01'33	morning rise	-4392 Jun 10 j 15:22	1° B 57'56	
asc. node	-4393 Jul 10 j 21:30	24° B 42'55		direct	-4392 Jun 13 j 03:32	1° B 35'54	
	-4393 Jul 14 j 15:14	0° II		morning max el	-4392 Jun 20 j 20:15	5° B 16'37	18°25'17
morning set	-4393 Jul 24 j 12:38	17° II 19'06		asc. node	-4392 Jun 26 j 18:32	12° B 43'35	
	-4393 Jul 31 j 11:51	0° B		morning set	-4392 Jul 06 j 23:15	0° II 53'13	
					-4392 Jul 06 j 12:07	0° II	
superior conj	-4393 Aug 03 j 22:41	6° B 06'48	1°39'24				
minimum elong	-4393 Aug 04 j 02:23	6° B 22'57	1°39'22	superior conj	-4392 Jul 16 j 04:47	18° II 21'07	1°48'43
max. Earth dist.	-4393 Aug 11 j 09:40	18° B 49'18	1.42082 AU	minimum elong	-4392 Jul 16 j 05:41	18° II 25'20	1°48'54
evening rise	-4393 Aug 17 j 19:14	29° B 12'38			-4392 Jul 22 j 16:39	0° B	
	-4393 Aug 18 j 07:10	0° B		max. Earth dist.	-4392 Jul 23 j 13:55	1° B 32'17	1.40225 AU
desc. node	-4393 Aug 22 j 15:00	6° B 46'09		evening rise	-4392 Jul 28 j 02:39	9° B 13'02	
	-4393 Sep 07 j 09:59	0° B		desc. node	-4392 Aug 08 j 12:00	27° B 16'18	
evening max el	-4393 Sep 19 j 05:43	14° B 40'54	22°06'08		-4392 Aug 10 j 07:37	0° B	
retrograde	-4393 Sep 28 j 13:06	20° B 12'42		evening max el	-4392 Aug 31 j 19:28	28° B 06'29	23°26'23
evening set	-4393 Oct 02 j 23:39	18° B 26'09			-4392 Sep 02 j 19:24	0° B	
asc. node	-4393 Oct 06 j 20:31	14° B 09'05		retrograde	-4392 Sep 11 j 05:59	4° B 17'07	
inferior conj	-4393 Oct 08 j 07:15	12° B 10'33	0°29'37	evening set	-4392 Sep 16 j 06:34	2° B 10'54	
minimum elong	-4393 Oct 08 j 06:34	12° B 12'56	0°29'23		-4392 Sep 18 j 09:57	30° R 0	
min. Earth dist.	-4393 Oct 08 j 09:18	12° B 03'29	0.67356 AU	min. Earth dist.	-4392 Sep 21 j 05:40	26° B 20'20	0.67388 AU
morning rise	-4393 Oct 13 j 13:21	5° B 55'49		inferior conj	-4392 Sep 21 j 13:49	25° B 52'24	-0°23'43
direct	-4393 Oct 18 j 06:22	3° B 59'13		minimum elong	-4392 Sep 21 j 14:22	25° B 50'30	0°23'22
morning max el	-4393 Oct 28 j 01:11	9° B 49'10	22°41'41	asc. node	-4392 Sep 22 j 17:38	24° B 17'53	
	-4393 Nov 12 j 20:05	0° B		morning rise	-4392 Sep 26 j 22:07	19° B 41'15	
desc. node	-4393 Nov 18 j 14:59	8° B 30'16		direct	-4392 Oct 01 j 01:24	18° B 05'36	
morning set	-4393 Nov 30 j 21:58	27° B 46'07		morning max el	-4392 Oct 09 j 17:11	23° B 12'39	21°19'40
	-4393 Dec 02 j 06:31	0° B			-4392 Oct 15 j 12:25	0° B	
max. Earth dist.	-4393 Dec 06 j 00:42	6° B 18'22	1.40381 AU	desc. node	-4392 Nov 04 j 11:53	28° B 52'17	
					-4392 Nov 05 j 05:28	0° B	
superior conj	-4393 Dec 13 j 18:41	19° B 55'17	-1°53'42	morning set	-4392 Nov 09 j 10:07	6° B 31'53	
minimum elong	-4393 Dec 13 j 17:56	19° B 51'55	1°53'50	max. Earth dist.	-4392 Nov 17 j 03:18	18° B 54'57	1.42288 AU
	-4393 Dec 19 j 05:43	0° B			-4392 Nov 23 j 18:14	0° B	
evening rise	-4393 Dec 23 j 14:36	8° B 15'16					
asc. node	-4392 Jan 02 j 19:23	26° B 29'36		superior conj	-4392 Nov 24 j 08:43	1° B 02'01	-1°44'07
	-4392 Jan 05 j 04:40	0° B		minimum elong	-4392 Nov 24 j 04:24	0° B 43'31	1°43'56
evening max el	-4392 Jan 08 j 20:41	4° B 19'16	18°22'30	evening rise	-4392 Dec 05 j 14:59	20° B 58'45	
retrograde	-4392 Jan 16 j 05:02	7° B 57'21			-4392 Dec 10 j 15:17	0° B	
evening set	-4392 Jan 18 j 18:10	7° B 32'22		asc. node	-4392 Dec 19 j 16:27	14° B 22'58	
inferior conj	-4392 Jan 25 j 23:57	2° B 54'15	3°57'56	evening max el	-4392 Dec 22 j 06:43	17° B 21'07	18°08'23
minimum elong	-4392 Jan 26 j 01:44	2° B 50'33	3°57'36	retrograde	-4392 Dec 29 j 00:52	20° B 49'43	
min. Earth dist.	-4392 Jan 29 j 08:42	0° B 07'30	0.59332 AU	evening set	-4392 Dec 31 j 16:50	20° B 17'30	
	-4392 Jan 29 j 12:30	30° R 2		inferior conj	-4391 Jan 07 j 09:32	15° B 18'02	4°03'18
morning rise	-4392 Feb 02 j 07:18	27° B 25'41		minimum elong	-4391 Jan 07 j 08:39	15° B 20'10	4°03'03
direct	-4392 Feb 08 j 16:58	25° B 37'31		min. Earth dist.	-4391 Jan 10 j 10:50	12° B 23'44	0.61329 AU
desc. node	-4392 Feb 14 j 14:31	27° B 03'50		morning rise	-4391 Jan 13 j 23:12	9° B 33'17	
	-4392 Feb 19 j 06:41	0° B		direct	-4391 Jan 20 j 22:29	7° B 10'07	
morning max el	-4392 Feb 22 j 22:39	3° B 12'30	26°54'45	desc. node	-4391 Jan 31 j 11:34	11° B 44'13	
	-4392 Mar 13 j 10:10	0° B		morning max el	-4391 Feb 03 j 23:59	14° B 52'02	27°35'14
morning set	-4392 Mar 24 j 03:51	20° B 34'06			-4391 Feb 16 j 07:49	0° B	
	-4392 Mar 28 j 13:59	0° B			-4391 Mar 05 j 19:32	0° B	
asc. node	-4392 Mar 30 j 18:52	4° B 48'26		morning set	-4391 Mar 08 j 10:25	5° B 17'11	
				max. Earth dist.	-4391 Mar 14 j 13:39	18° B 17'29	1.32697 AU
superior conj	-4392 Mar 31 j 05:21	5° B 45'51	0°04'34				
minimum elong	-4392 Mar 31 j 05:09	5° B 44'46	0°04'27	superior conj	-4391 Mar 15 j 16:30	20° B 43'25	-0°20'26
behind sun begin	-4392 Mar 31 j 00:20	5° B 18'23		minimum elong	-4391 Mar 15 j 17:24	20° B 48'25	0°20'22
behind sun end	-4392 Mar 31 j 09:58	6° B 11'08		asc. node	-4391 Mar 17 j 15:50	25° B 01'29	
max. Earth dist.	-4392 Mar 31 j 01:27	5° B 24'29	1.32585 AU		-4391 Mar 19 j 22:48	0° B	
evening rise	-4392 Apr 07 j 05:09	20° B 50'43		evening rise	-4391 Mar 22 j 16:04	5° B 48'24	
	-4392 Apr 11 j 17:39	0° B			-4391 Apr 04 j 13:43	0° B	
	-4392 Apr 30 j 12:46	0° B		evening max el	-4391 Apr 17 j 20:55	17° B 11'52	24°58'06

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-4391 Apr 29 j 10:17	24° Υ 05'04		retrograde	-4390 Apr 13 j 01:58	4° Υ 39'24	
retrograde	-4391 May 01 j 21:47	24° Υ 19'26		desc. node	-4390 Apr 16 j 07:24	4° Υ 16'29	
evening set	-4391 May 06 j 21:39	23° Υ 22'02		evening set	-4390 Apr 16 j 18:14	4° Υ 09'46	
min. Earth dist.	-4391 May 12 j 09:16	20° Υ 27'22	0.57401 AU	min. Earth dist.	-4390 Apr 24 j 00:16	0° Υ 51'10	0.55933 AU
inferior conj	-4391 May 15 j 09:10	18° Υ 26'55	-3°40'59		-4390 Apr 25 j 10:45	30° \Re 8	
minimum elong	-4391 May 15 j 04:22	18° Υ 35'02	3°40'05	inferior conj	-4390 Apr 25 j 22:03	29° \Re 43'08	-2°29'51
morning rise	-4391 May 23 j 14:11	14° Υ 15'14		minimum elong	-4390 Apr 25 j 16:25	29° \Re 51'31	2°28'16
direct	-4391 May 26 j 01:20	13° Υ 57'30		morning rise	-4390 May 04 j 17:14	25° \Re 43'58	
morning max el	-4391 Jun 03 j 22:47	18° Υ 06'42	19°09'11	direct	-4390 May 07 j 04:48	25° \Re 28'40	
	-4391 Jun 12 j 19:29	0° \mathcal{B}			-4390 May 17 j 06:41	0° Υ	
asc. node	-4391 Jun 13 j 15:32	1° \mathcal{B} 26'02		morning max el	-4390 May 17 j 15:43	0° Υ 20'39	20°13'20
morning set	-4391 Jun 20 j 20:00	14° \mathcal{B} 59'27		asc. node	-4390 May 31 j 12:32	20° Υ 40'21	
	-4391 Jun 28 j 10:18	0° Π		morning set	-4390 Jun 04 j 23:53	29° Υ 30'03	
					-4390 Jun 05 j 05:47	0° \mathcal{B}	
superior conj	-4391 Jun 29 j 05:12	1° Π 31'37	1°47'25				
minimum elong	-4391 Jun 29 j 04:01	1° Π 25'51	1°47'33	superior conj	-4390 Jun 12 j 18:54	15° \mathcal{B} 24'02	1°38'14
max. Earth dist.	-4391 Jul 05 j 15:14	13° Π 34'55	1.38281 AU	minimum elong	-4390 Jun 12 j 16:33	15° \mathcal{B} 12'08	1°38'10
evening rise	-4391 Jul 09 j 12:27	20° Π 30'39		max. Earth dist.	-4390 Jun 17 j 20:07	25° \mathcal{B} 21'07	1.36489 AU
	-4391 Jul 15 j 02:36	0° \mathcal{E}			-4390 Jun 20 j 06:57	0° Π	
desc. node	-4391 Jul 26 j 09:02	17° \mathcal{E} 32'44		evening rise	-4390 Jun 21 j 21:17	2° Π 57'35	
	-4391 Aug 04 j 08:13	0° Ω			-4390 Jul 08 j 02:37	0° \mathcal{E}	
evening max el	-4391 Aug 14 j 06:31	11° Ω 35'00	24°46'00	desc. node	-4390 Jul 13 j 06:06	7° \mathcal{E} 28'56	
retrograde	-4391 Aug 25 j 19:00	18° Ω 18'48		evening max el	-4390 Jul 27 j 17:19	25° \mathcal{E} 06'06	25°57'02
evening set	-4391 Aug 31 j 10:32	15° Ω 53'53			-4390 Aug 02 j 16:40	0° Ω	
min. Earth dist.	-4391 Sep 05 j 00:27	10° Ω 38'19	0.67114 AU	retrograde	-4390 Aug 09 j 03:23	2° Ω 12'54	
inferior conj	-4391 Sep 05 j 19:10	9° Ω 35'59	-1°16'41		-4390 Aug 14 j 20:32	30° \Re 8	
minimum elong	-4391 Sep 05 j 20:56	9° Ω 30'05	1°15'48	evening set	-4390 Aug 15 j 09:37	29° \mathcal{E} 32'56	
asc. node	-4391 Sep 09 j 14:44	4° Ω 58'24		min. Earth dist.	-4390 Aug 19 j 15:05	24° \mathcal{E} 55'03	0.66512 AU
morning rise	-4391 Sep 11 j 07:19	3° Ω 31'36		inferior conj	-4390 Aug 20 j 21:27	23° \mathcal{E} 18'53	-2°07'34
direct	-4391 Sep 14 j 22:51	2° Ω 14'44		minimum elong	-4390 Aug 20 j 00:18	23° \mathcal{E} 09'53	2°06'20
morning max el	-4391 Sep 22 j 16:09	6° Ω 44'08	20°07'59	morning rise	-4390 Aug 26 j 15:06	17° \mathcal{E} 24'39	
	-4391 Oct 09 j 17:35	0° \mathcal{M}		asc. node	-4390 Aug 27 j 11:50	16° \mathcal{E} 56'31	
morning set	-4391 Oct 19 j 08:35	14° \mathcal{M} 44'36		direct	-4390 Aug 29 j 21:08	16° \mathcal{E} 23'37	
desc. node	-4391 Oct 22 j 08:47	19° \mathcal{M} 25'20		morning max el	-4390 Sep 05 j 22:03	20° \mathcal{E} 23'26	19°10'12
	-4391 Oct 29 j 01:58	0° $\underline{\Omega}$			-4390 Sep 13 j 10:38	0° Ω	
max. Earth dist.	-4391 Oct 30 j 13:12	2° $\underline{\Omega}$ 20'33	1.43772 AU	morning set	-4390 Sep 28 j 16:42	23° Ω 31'09	
					-4390 Oct 02 j 19:41	0° \mathcal{M}	
superior conj	-4391 Nov 04 j 19:48	10° $\underline{\Omega}$ 52'05	-1°18'35	desc. node	-4390 Oct 09 j 05:42	10° \mathcal{M} 05'12	
minimum elong	-4391 Nov 04 j 12:59	10° $\underline{\Omega}$ 24'16	1°17'55	max. Earth dist.	-4390 Oct 13 j 05:06	16° \mathcal{M} 21'09	1.44639 AU
	-4391 Nov 16 j 05:47	0° \mathcal{M}					
evening rise	-4391 Nov 17 j 22:07	2° \mathcal{M} 53'15		superior conj	-4390 Oct 15 j 05:31	19° \mathcal{M} 32'36	-0°37'18
	-4391 Dec 05 j 05:11	0° \mathcal{J}		minimum elong	-4390 Oct 15 j 00:52	19° \mathcal{M} 14'14	0°36'39
evening max el	-4391 Dec 05 j 19:18	0° \mathcal{J} 36'59	18°13'32		-4390 Oct 21 j 18:55	0° $\underline{\Omega}$	
asc. node	-4391 Dec 06 j 13:32	1° \mathcal{J} 21'01		evening rise	-4390 Oct 30 j 07:16	13° $\underline{\Omega}$ 49'02	
retrograde	-4391 Dec 12 j 08:28	4° \mathcal{J} 08'01			-4390 Nov 09 j 05:23	0° \mathcal{M}	
evening set	-4391 Dec 15 j 03:56	3° \mathcal{J} 27'20		evening max el	-4390 Nov 19 j 07:36	14° \mathcal{M} 00'03	18°36'59
	-4391 Dec 19 j 15:14	30° \Re 8		asc. node	-4390 Nov 23 j 10:38	17° \mathcal{M} 08'17	
inferior conj	-4391 Dec 21 j 10:10	28° \mathcal{M} 07'33	3°47'21	retrograde	-4390 Nov 25 j 23:46	17° \mathcal{M} 43'37	
minimum elong	-4391 Dec 21 j 07:37	28° \mathcal{M} 14'26	3°46'48	evening set	-4390 Nov 29 j 00:06	16° \mathcal{M} 52'47	
min. Earth dist.	-4391 Dec 23 j 22:08	25° \mathcal{M} 26'42	0.63164 AU	inferior conj	-4390 Dec 04 j 22:07	11° \mathcal{M} 14'59	3°16'58
morning rise	-4391 Dec 27 j 10:35	22° \mathcal{M} 11'26		minimum elong	-4390 Dec 04 j 18:56	11° \mathcal{M} 24'26	3°16'06
direct	-4390 Jan 03 j 12:10	19° \mathcal{M} 26'38		min. Earth dist.	-4390 Dec 06 j 19:18	9° \mathcal{M} 01'18	0.64695 AU
morning max el	-4390 Jan 17 j 06:26	27° \mathcal{M} 10'04	27°39'38	morning rise	-4390 Dec 10 j 13:23	5° \mathcal{M} 10'12	
desc. node	-4390 Jan 18 j 08:36	28° \mathcal{M} 16'08		direct	-4390 Dec 17 j 08:34	2° \mathcal{M} 19'13	
	-4390 Jan 19 j 23:31	0° \mathcal{J}		morning max el	-4390 Dec 30 j 15:42	9° \mathcal{M} 57'31	27°10'01
	-4390 Feb 09 j 22:14	0° \mathcal{Z}		desc. node	-4389 Jan 05 j 05:36	16° \mathcal{M} 06'58	
morning set	-4390 Feb 20 j 11:00	19° \mathcal{Z} 38'57			-4389 Jan 15 j 12:32	0° \mathcal{J}	
	-4390 Feb 25 j 11:22	0° \approx			-4389 Feb 02 j 07:09	0° \mathcal{Z}	
max. Earth dist.	-4390 Feb 25 j 20:54	0° \approx 50'31	1.33181 AU	morning set	-4389 Feb 04 j 02:33	3° \mathcal{Z} 28'22	
				max. Earth dist.	-4389 Feb 08 j 19:25	12° \mathcal{Z} 51'40	1.34076 AU
superior conj	-4390 Feb 28 j 01:21	5° \approx 30'48	-0°45'04				
minimum elong	-4390 Feb 28 j 03:19	5° \approx 41'21	0°44'51	superior conj	-4389 Feb 12 j 05:57	20° \mathcal{Z} 00'13	-1°08'18
asc. node	-4390 Mar 04 j 12:48	15° \approx 09'57		minimum elong	-4389 Feb 12 j 08:43	20° \mathcal{Z} 14'46	1°08'03
evening rise	-4390 Mar 07 j 03:42	20° \approx 44'33			-4389 Feb 16 j 23:12	0° \approx	
	-4390 Mar 11 j 16:51	0° \Re		asc. node	-4389 Feb 19 j 09:48	5° \approx 08'37	
evening max el	-4390 Mar 30 j 13:03	27° \Re 57'20	23°25'56	evening rise	-4389 Feb 19 j 14:14	5° \approx 31'41	
	-4390 Apr 01 j 20:38	0° Υ			-4389 Mar 05 j 01:46	0° \Re	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-4389 Mar 12 j 08:41	8° H 46'37	21°52'59	asc. node	-4388 Feb 06 j 06:50	24° Z 52'41	
retrograde	-4389 Mar 24 j 18:44	14° H 46'33			-4388 Feb 08 j 21:47	0° \approx	
evening set	-4389 Mar 27 j 12:07	14° H 30'01		evening max el	-4388 Feb 22 j 12:59	20° \approx 02'19	20°30'40
desc. node	-4389 Apr 03 j 04:33	11° H 53'43		retrograde	-4388 Mar 04 j 09:00	25° \approx 11'10	
inferior conj	-4389 Apr 05 j 20:24	10° H 25'35	-0°43'59	evening set	-4388 Mar 06 j 17:11	24° \approx 57'44	
minimum elong	-4389 Apr 05 j 18:22	10° H 28'27	0°43'22	inferior conj	-4388 Mar 15 j 16:41	20° \approx 59'25	1°11'29
min. Earth dist.	-4389 Apr 05 j 14:11	10° H 34'19	0.55220 AU	minimum elong	-4388 Mar 15 j 19:46	20° \approx 54'54	1°10'19
morning rise	-4389 Apr 15 j 01:30	6° H 25'26		min. Earth dist.	-4388 Mar 17 j 04:17	20° \approx 07'23	0.55425 AU
direct	-4389 Apr 17 j 19:07	6° H 08'45		desc. node	-4388 Mar 20 j 01:43	18° \approx 31'58	
morning max el	-4389 Apr 29 j 21:45	11° H 52'49	21°36'07	morning rise	-4388 Mar 24 j 20:57	16° \approx 40'04	
	-4389 May 13 j 00:18	0° Y		direct	-4388 Mar 28 j 08:06	16° \approx 13'56	
asc. node	-4389 May 18 j 09:32	10° Y 18'08		morning max el	-4388 Apr 10 j 18:14	22° \approx 48'04	23°11'59
morning set	-4389 May 20 j 08:29	14° Y 17'58			-4388 Apr 17 j 02:06	0° H	
				morning set	-4388 May 03 j 19:48	29° H 16'34	
superior conj	-4389 May 27 j 17:56	29° Y 46'45	1°23'20	asc. node	-4388 May 04 j 06:31	0° Y 12'41	
minimum elong	-4389 May 27 j 15:13	29° Y 32'38	1°23'04		-4388 May 04 j 04:06	0° Y	
	-4389 May 27 j 20:29	0° B					
max. Earth dist.	-4389 May 31 j 09:38	7° B 16'51	1.34995 AU	superior conj	-4388 May 10 j 23:16	14° Y 30'12	1°04'21
evening rise	-4389 Jun 04 j 23:45	16° B 18'54		minimum elong	-4388 May 10 j 20:49	14° Y 17'07	1°03'58
	-4389 Jun 12 j 11:42	0° II		max. Earth dist.	-4388 May 13 j 08:55	19° Y 35'32	1.33865 AU
desc. node	-4389 Jun 30 j 03:11	26° II 56'18			-4388 May 18 j 10:52	0° B	
	-4389 Jul 02 j 12:38	0° E		evening rise	-4388 May 18 j 14:57	0° B 20'16	
evening max el	-4389 Jul 10 j 04:38	8° E 33'44	26°51'19		-4388 Jun 04 j 12:10	0° II	
retrograde	-4389 Jul 23 j 06:43	15° E 53'30		desc. node	-4388 Jun 16 j 00:18	15° II 42'10	
evening set	-4389 Jul 30 j 01:28	13° E 05'34		evening max el	-4388 Jun 21 j 15:31	21° II 47'00	27°21'20
min. Earth dist.	-4389 Aug 02 j 23:16	9° E 06'19	0.65544 AU	retrograde	-4388 Jul 05 j 04:41	29° II 11'51	
inferior conj	-4389 Aug 04 j 18:43	6° E 58'20	-2°54'22	evening set	-4388 Jul 12 j 07:09	26° II 27'03	
minimum elong	-4389 Aug 04 j 22:17	6° E 47'50	2°53'05	min. Earth dist.	-4388 Jul 15 j 22:58	23° II 03'36	0.64194 AU
morning rise	-4389 Aug 10 j 19:26	1° E 17'30		inferior conj	-4388 Jul 18 j 08:30	20° II 29'09	-3°34'25
direct	-4389 Aug 13 j 18:11	0° E 29'14		minimum elong	-4388 Jul 18 j 12:08	20° II 19'23	3°33'24
asc. node	-4389 Aug 14 j 08:57	0° E 31'20		morning rise	-4388 Jul 24 j 17:49	15° II 04'50	
morning max el	-4389 Aug 20 j 09:23	4° E 08'21	18°28'21	direct	-4388 Jul 27 j 11:28	14° II 26'30	
	-4389 Sep 06 j 21:47	0° O		asc. node	-4388 Jul 31 j 06:03	15° II 38'56	
morning set	-4389 Sep 09 j 01:48	3° O 32'01		morning max el	-4388 Aug 02 j 23:43	17° II 53'38	18°03'32
					-4388 Aug 11 j 18:40	0° E	
superior conj	-4389 Sep 24 j 04:58	27° O 48'37	0°12'02	morning set	-4388 Aug 20 j 13:37	14° E 48'45	
minimum elong	-4389 Sep 24 j 06:32	27° O 54'48	0°11'57		-4388 Aug 29 j 14:11	0° O	
behind sun begin	-4389 Sep 23 j 22:46	27° O 24'07					
behind sun end	-4389 Sep 24 j 14:17	28° O 25'29		superior conj	-4388 Sep 02 j 16:49	6° O 44'02	0°56'40
	-4389 Sep 25 j 14:14	0° P		minimum elong	-4388 Sep 02 j 22:26	7° O 06'50	0°56'10
max. Earth dist.	-4389 Sep 25 j 23:30	0° P 36'33	1.44786 AU	max. Earth dist.	-4388 Sep 07 j 16:25	14° O 44'51	1.44210 AU
desc. node	-4389 Sep 26 j 02:38	0° P 48'57		desc. node	-4388 Sep 11 j 23:36	21° O 32'59	
evening rise	-4389 Oct 10 j 15:31	23° P 41'01			-4388 Sep 17 j 09:30	0° P	
	-4389 Oct 14 j 15:48	0° A		evening rise	-4388 Sep 19 j 02:07	2° P 37'15	
greatest brilliancy	-4389 Oct 20 j 09:01	8° A 57'02	-0.8m		-4388 Oct 07 j 07:13	0° A	
evening max el	-4389 Nov 02 j 17:08	27° A 26'24	19°17'31	evening max el	-4388 Oct 15 j 21:48	10° A 52'34	20°13'31
	-4389 Nov 05 j 15:25	0° M		retrograde	-4388 Oct 23 j 16:42	15° A 27'00	
retrograde	-4389 Nov 09 j 19:27	1° M 31'31		evening set	-4388 Oct 27 j 08:37	14° A 09'04	
asc. node	-4389 Nov 10 j 07:46	1° M 30'00		asc. node	-4388 Oct 27 j 04:55	14° A 15'29	
evening set	-4389 Nov 13 j 02:29	0° M 28'24		inferior conj	-4388 Nov 01 j 19:57	8° A 04'48	1°50'30
	-4389 Nov 13 j 18:45	30° R A		minimum elong	-4388 Nov 01 j 17:35	8° A 12'42	1°49'35
inferior conj	-4389 Nov 18 j 18:17	24° A 35'38	2°36'58	min. Earth dist.	-4388 Nov 02 j 15:01	7° A 00'55	0.66696 AU
minimum elong	-4389 Nov 18 j 15:15	24° A 45'18	2°35'56	morning rise	-4388 Nov 07 j 02:22	1° A 49'56	
min. Earth dist.	-4389 Nov 20 j 01:37	22° A 55'49	0.65870 AU		-4388 Nov 09 j 19:48	30° R P	
morning rise	-4389 Nov 24 j 03:45	18° A 24'32		direct	-4388 Nov 12 j 19:09	29° P 20'41	
direct	-4389 Nov 30 j 11:04	15° A 40'03			-4388 Nov 15 j 23:43	0° A	
morning max el	-4389 Dec 13 j 01:26	23° A 03'17	26°12'41	morning max el	-4388 Nov 24 j 10:21	6° A 15'54	24°56'28
	-4389 Dec 19 j 06:25	0° M		desc. node	-4388 Dec 08 j 23:35	24° A 20'00	
desc. node	-4389 Dec 23 j 02:37	4° M 53'54			-4388 Dec 12 j 21:40	0° M	
	-4388 Jan 08 j 19:51	0° X		morning set	-4388 Dec 30 j 13:24	28° M 40'04	
morning set	-4388 Jan 18 j 05:06	16° X 33'47			-4388 Dec 31 j 07:20	0° X	
max. Earth dist.	-4388 Jan 22 j 06:35	24° X 18'40	1.35414 AU	max. Earth dist.	-4387 Jan 03 j 06:59	5° X 25'34	1.37163 AU
	-4388 Jan 25 j 03:35	0° Z					
				superior conj	-4387 Jan 09 j 16:17	17° X 35'14	-1°44'36
superior conj	-4388 Jan 27 j 03:57	4° Z 04'37	-1°28'46	minimum elong	-4387 Jan 09 j 18:52	17° X 47'55	1°44'38
minimum elong	-4388 Jan 27 j 07:02	4° Z 20'21	1°28'37		-4387 Jan 15 j 21:42	0° Z	
evening rise	-4388 Feb 03 j 21:52	20° Z 03'56		evening rise	-4387 Jan 18 j 00:28	4° Z 14'56	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4387 Jan 23 j 03:53	14° Z 16'26		evening rise	-4386 Jan 01 j 19:28	17° X 57'45	
	-4387 Feb 02 j 08:03	0° \approx			-4386 Jan 08 j 04:47	0° Z	
evening max el	-4387 Feb 04 j 03:55	1° \approx 54'17	19°25'27	asc. node	-4386 Jan 10 j 00:57	3° Z 12'28	
retrograde	-4387 Feb 13 j 08:36	6° \approx 16'25		evening max el	-4386 Jan 18 j 04:21	14° Z 19'29	18°39'45
evening set	-4387 Feb 15 j 17:05	6° \approx 00'32		retrograde	-4386 Jan 26 j 01:29	18° Z 08'45	
inferior conj	-4387 Feb 24 j 00:34	1° \approx 53'17	2°45'09	evening set	-4386 Jan 28 j 13:04	17° Z 47'25	
minimum elong	-4387 Feb 24 j 05:39	1° \approx 44'55	2°43'41	inferior conj	-4386 Feb 05 j 03:40	13° Z 21'52	3°41'44
	-4387 Feb 26 j 21:59	30° R Z		minimum elong	-4386 Feb 05 j 07:06	13° Z 15'19	3°41'02
min. Earth dist.	-4387 Feb 26 j 19:12	0° \approx 04'24	0.56500 AU	min. Earth dist.	-4386 Feb 08 j 11:58	10° Z 50'05	0.58206 AU
morning rise	-4387 Mar 04 j 15:35	27° Z 04'18		morning rise	-4386 Feb 12 j 22:44	8° Z 05'58	
desc. node	-4387 Mar 06 j 22:51	26° Z 27'37		direct	-4386 Feb 18 j 19:41	6° Z 40'14	
direct	-4387 Mar 09 j 07:16	26° Z 14'47		desc. node	-4386 Feb 21 j 19:57	7° Z 02'34	
	-4387 Mar 19 j 08:19	0° \approx		morning max el	-4386 Mar 05 j 01:41	14° Z 08'52	26°16'21
morning max el	-4387 Mar 23 j 09:34	3° \approx 24'43	24°50'16		-4386 Mar 17 j 16:41	0° \approx	
	-4387 Apr 11 j 02:42	0° X		morning set	-4386 Apr 02 j 19:37	29° \approx 20'20	
morning set	-4387 Apr 18 j 08:07	14° X 19'49			-4386 Apr 03 j 03:11	0° X	
asc. node	-4387 Apr 21 j 03:31	20° X 18'42		asc. node	-4386 Apr 08 j 00:28	10° X 30'36	
superior conj	-4387 Apr 25 j 08:37	29° X 26'45	0°42'30	superior conj	-4386 Apr 09 j 19:57	14° X 28'16	0°18'47
minimum elong	-4387 Apr 25 j 06:50	29° X 17'08	0°42'09	minimum elong	-4386 Apr 09 j 19:08	14° X 23'47	0°18'32
	-4387 Apr 25 j 14:45	0° Y		max. Earth dist.	-4386 Apr 10 j 04:38	15° X 15'40	1.32681 AU
max. Earth dist.	-4387 Apr 26 j 16:21	2° Y 18'27	1.33099 AU	evening rise	-4386 Apr 16 j 21:14	29° X 36'51	
evening rise	-4387 May 02 j 15:07	14° Y 49'59			-4386 Apr 17 j 01:41	0° Y	
	-4387 May 10 j 12:17	0° B			-4386 May 03 j 17:53	0° B	
	-4387 May 30 j 15:55	0° II		evening max el	-4386 May 17 j 04:08	16° B 45'17	26°48'36
desc. node	-4387 Jun 02 j 21:25	3° II 29'04		desc. node	-4386 May 20 j 18:33	19° B 51'21	
evening max el	-4387 Jun 04 j 00:10	4° II 34'50	27°21'22	retrograde	-4386 May 31 j 04:57	24° B 05'58	
retrograde	-4387 Jun 17 j 20:36	11° II 59'12		evening set	-4386 Jun 06 j 20:50	22° B 09'11	
evening set	-4387 Jun 24 j 23:00	9° II 31'36		min. Earth dist.	-4386 Jun 10 j 17:41	19° B 26'27	0.60515 AU
min. Earth dist.	-4387 Jun 28 j 13:06	6° II 35'27	0.62485 AU	inferior conj	-4386 Jun 14 j 01:25	16° B 39'09	-4°16'27
inferior conj	-4387 Jul 01 j 11:54	3° II 45'48	-4°03'46	minimum elong	-4386 Jun 14 j 01:47	16° B 38'22	4°16'19
minimum elong	-4387 Jul 01 j 14:34	3° II 39'22	4°03'15	morning rise	-4386 Jun 21 j 08:40	11° B 54'54	
	-4387 Jul 05 j 21:01	30° R B		direct	-4386 Jun 23 j 21:29	11° B 29'54	
morning rise	-4387 Jul 08 j 07:23	28° B 40'30		morning max el	-4386 Jul 01 j 02:34	15° B 01'13	18°09'07
direct	-4387 Jul 10 j 21:50	28° B 09'42		asc. node	-4386 Jul 05 j 00:10	19° B 36'33	
	-4387 Jul 15 j 18:54	0° II			-4386 Jul 11 j 11:37	0° II	
morning max el	-4387 Jul 17 j 14:24	1° II 33'54	17°56'47	morning set	-4386 Jul 17 j 02:49	10° II 20'30	
asc. node	-4387 Jul 18 j 03:08	2° II 06'08		superior conj	-4386 Jul 26 j 23:34	28° II 30'42	1°44'50
morning set	-4387 Aug 02 j 23:46	27° II 09'40		minimum elong	-4386 Jul 27 j 02:03	28° II 41'49	1°44'56
	-4387 Aug 04 j 13:54	0° E			-4386 Jul 27 j 19:35	0° E	
superior conj	-4387 Aug 14 j 06:47	16° E 57'22	1°28'03	max. Earth dist.	-4386 Aug 03 j 12:38	11° E 37'28	1.41325 AU
minimum elong	-4387 Aug 14 j 11:55	17° E 19'09	1°27'48	evening rise	-4386 Aug 08 j 23:42	20° E 38'36	
max. Earth dist.	-4387 Aug 21 j 05:11	28° E 29'22	1.43004 AU		-4386 Aug 14 j 21:30	0° O	
	-4387 Aug 22 j 03:30	0° O		desc. node	-4386 Aug 16 j 17:32	2° O 49'44	
evening rise	-4387 Aug 29 j 06:07	11° O 18'04			-4386 Sep 04 j 20:32	0° O	
desc. node	-4387 Aug 29 j 20:34	12° O 14'23		evening max el	-4386 Sep 11 j 13:03	7° O 43'14	22°40'01
	-4387 Sep 10 j 13:31	0° O		retrograde	-4386 Sep 21 j 07:50	13° O 31'23	
evening max el	-4387 Sep 28 j 20:23	24° O 17'53	21°22'22	evening set	-4386 Sep 26 j 00:10	11° O 36'39	
retrograde	-4387 Oct 07 j 13:22	29° O 27'39		asc. node	-4386 Sep 30 j 23:12	5° O 48'07	
evening set	-4387 Oct 11 j 16:27	27° O 52'19		inferior conj	-4386 Oct 01 j 07:27	5° O 19'41	0°07'03
asc. node	-4387 Oct 14 j 02:04	25° O 30'44		minimum elong	-4386 Oct 01 j 07:17	5° O 20'16	0°07'04
inferior conj	-4387 Oct 17 j 00:57	21° O 40'01	0°59'53	transit middle	-4386 Oct 01 j 07:17	5° O 20'16	0°07'04
minimum elong	-4387 Oct 16 j 23:36	21° O 44'40	0°59'22	transit begin	-4386 Oct 01 j 04:51	5° O 28'40	
min. Earth dist.	-4387 Oct 17 j 09:04	21° O 12'09	0.67202 AU	transit end	-4386 Oct 01 j 09:43	5° O 11'52	
morning rise	-4387 Oct 22 j 06:35	15° O 24'17		min. Earth dist.	-4386 Oct 01 j 05:14	5° O 27'18	0.67407 AU
direct	-4387 Oct 27 j 08:12	13° O 15'01			-4386 Oct 05 j 14:21	30° R O	
morning max el	-4387 Nov 06 j 19:30	19° O 30'31	23°31'08	morning rise	-4386 Oct 06 j 14:15	29° O 06'06	
	-4387 Nov 15 j 16:21	0° O		direct	-4386 Oct 11 j 01:21	27° O 18'20	
desc. node	-4387 Nov 25 j 20:31	14° O 13'50			-4386 Oct 17 j 05:38	0° O	
	-4387 Dec 06 j 02:25	0° O		morning max el	-4386 Oct 20 j 08:01	2° O 49'18	22°05'51
morning set	-4387 Dec 11 j 21:12	9° O 30'36			-4386 Nov 09 j 18:20	0° O	
max. Earth dist.	-4387 Dec 16 j 02:31	16° O 45'31	1.39188 AU	desc. node	-4386 Nov 12 j 17:26	4° O 27'25	
	-4387 Dec 23 j 10:23	0° X		morning set	-4386 Nov 22 j 00:22	18° O 57'25	
superior conj	-4387 Dec 23 j 14:52	0° X 20'53	-1°53'16	max. Earth dist.	-4386 Nov 28 j 01:33	28° O 52'20	1.41228 AU
minimum elong	-4387 Dec 23 j 15:45	0° X 24'59	1°53'25		-4386 Nov 28 j 17:41	0° O	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4386 Dec 05 j 18:30	12° \mathbb{M} 08'10	-1°51'25			-4385 Nov 02 j 20:48	0° $\underline{\mathbf{A}}$	
minimum elong	-4386 Dec 05 j 16:18	11° \mathbb{M} 58'26	1°51'28	max. Earth dist.		-4385 Nov 10 j 07:55	11° $\underline{\mathbf{A}}$ 53'12	1.42986 AU
	-4386 Dec 15 j 13:40	0° \mathbf{A}						
evening rise	-4386 Dec 16 j 03:43	1° \mathbf{A} 05'19		superior conj		-4385 Nov 16 j 21:22	22° $\underline{\mathbf{A}}$ 42'12	-1°35'21
asc. node	-4386 Dec 27 j 22:01	21° \mathbf{A} 31'57		minimum elong		-4385 Nov 16 j 15:38	22° $\underline{\mathbf{A}}$ 18'11	1°34'57
evening max el	-4385 Jan 01 j 11:43	27° \mathbf{A} 10'22	18°14'08			-4385 Nov 21 j 04:26	0° \mathbb{M}	
	-4385 Jan 05 j 09:25	0° \mathbf{B}		evening rise		-4385 Nov 28 j 21:17	13° \mathbb{M} 28'43	
retrograde	-4385 Jan 08 j 12:35	0° \mathbf{B} 42'33				-4385 Dec 08 j 09:59	0° \mathbf{A}	
evening set	-4385 Jan 11 j 03:02	0° \mathbf{B} 14'27		asc. node		-4385 Dec 14 j 19:07	9° \mathbf{A} 03'04	
	-4385 Jan 11 j 17:50	30° \mathbf{R} \mathbf{A}		evening max el		-4385 Dec 15 j 23:06	10° \mathbf{A} 18'08	18°08'15
inferior conj	-4385 Jan 18 j 02:54	25° \mathbf{A} 27'05	4°03'20	retrograde		-4385 Dec 22 j 14:05	13° \mathbf{A} 46'39	
minimum elong	-4385 Jan 18 j 03:27	25° \mathbf{A} 25'51	4°03'06	evening set		-4385 Dec 25 j 07:25	13° \mathbf{A} 10'55	
min. Earth dist.	-4385 Jan 21 j 09:30	22° \mathbf{A} 34'32	0.60190 AU	inferior conj		-4385 Dec 31 j 19:20	8° \mathbf{A} 02'15	3°58'39
morning rise	-4385 Jan 25 j 02:16	19° \mathbf{A} 51'17		minimum elong		-4385 Dec 31 j 17:36	8° \mathbf{A} 06'37	3°58'20
direct	-4385 Jan 31 j 19:20	17° \mathbf{A} 47'09		min. Earth dist.		-4384 Jan 03 j 15:11	5° \mathbf{A} 11'47	0.62137 AU
desc. node	-4385 Feb 08 j 17:02	20° \mathbf{A} 22'08		morning rise		-4384 Jan 07 j 02:48	2° \mathbf{A} 12'09	
morning max el	-4385 Feb 14 j 23:13	25° \mathbf{A} 24'44	27°16'15			-4384 Jan 11 j 12:01	30° \mathbf{R} \mathbb{M}	
	-4385 Feb 19 j 05:50	0° \mathbf{B}		direct		-4384 Jan 14 j 04:08	29° \mathbb{M} 38'19	
	-4385 Mar 10 j 23:15	0° \approx				-4384 Jan 16 j 22:23	0° \mathbf{A}	
morning set	-4385 Mar 18 j 04:34	14° \approx 11'45		desc. node		-4384 Jan 26 j 14:04	5° \mathbf{A} 53'43	
				morning max el		-4384 Jan 28 j 03:06	7° \mathbf{A} 21'08	27°41'38
superior conj	-4385 Mar 25 j 07:38	29° \approx 28'47	-0°06'01			-4384 Feb 14 j 11:20	0° \mathbf{B}	
minimum elong	-4385 Mar 25 j 07:54	29° \approx 30'16	0°06'04	morning set		-4384 Mar 01 j 08:55	28° \mathbf{B} 46'35	
behind sun begin	-4385 Mar 25 j 03:15	29° \approx 04'47				-4384 Mar 01 j 23:17	0° \approx	
behind sun end	-4385 Mar 25 j 12:34	29° \approx 55'45		max. Earth dist.		-4384 Mar 07 j 04:53	11° \approx 01'39	1.32858 AU
max. Earth dist.	-4385 Mar 24 j 18:07	28° \approx 14'54	1.32599 AU					
asc. node	-4385 Mar 25 j 21:26	0° \mathbf{H} 44'19		superior conj		-4384 Mar 08 j 18:00	14° \approx 22'15	-0°30'58
	-4385 Mar 25 j 13:20	0° \mathbf{H}		minimum elong		-4384 Mar 08 j 19:22	14° \approx 29'43	0°30'51
evening rise	-4385 Apr 01 j 06:58	14° \mathbf{H} 32'42		asc. node		-4384 Mar 11 j 18:25	20° \approx 55'40	
	-4385 Apr 09 j 02:56	0° \mathbf{Y}		evening rise		-4384 Mar 15 j 18:25	29° \approx 30'15	
evening max el	-4385 Apr 29 j 01:50	28° \mathbf{Y} 13'17	25°45'10			-4384 Mar 16 j 00:04	0° \mathbf{H}	
	-4385 May 01 j 01:05	0° \mathbf{B}				-4384 Apr 01 j 23:26	0° \mathbf{Y}	
desc. node	-4385 May 07 j 15:42	4° \mathbf{B} 15'44		evening max el		-4384 Apr 09 j 18:30	9° \mathbf{Y} 07'25	24°19'47
retrograde	-4385 May 13 j 03:53	5° \mathbf{B} 27'18		retrograde		-4384 Apr 23 j 15:37	16° \mathbf{Y} 06'30	
evening set	-4385 May 18 j 21:24	4° \mathbf{B} 08'38		desc. node		-4384 Apr 23 j 12:50	16° \mathbf{Y} 06'28	
min. Earth dist.	-4385 May 23 j 14:18	1° \mathbf{B} 22'52	0.58488 AU	evening set		-4384 Apr 28 j 02:02	15° \mathbf{Y} 22'22	
	-4385 May 25 j 12:25	30° \mathbf{R} \mathbf{Y}		min. Earth dist.		-4384 May 04 j 06:19	12° \mathbf{Y} 19'04	0.56704 AU
inferior conj	-4385 May 26 j 21:24	28° \mathbf{Y} 59'25	-4°03'47	inferior conj		-4384 May 06 j 21:26	10° \mathbf{Y} 39'15	-3°15'46
minimum elong	-4385 May 26 j 18:23	29° \mathbf{Y} 04'55	4°03'22	minimum elong		-4384 May 06 j 15:47	10° \mathbf{Y} 48'14	3°14'28
morning rise	-4385 Jun 03 j 18:06	24° \mathbf{Y} 36'41		morning rise		-4384 May 15 j 08:42	6° \mathbf{Y} 34'31	
direct	-4385 Jun 06 j 06:00	24° \mathbf{Y} 16'27		direct		-4384 May 17 j 19:47	6° \mathbf{Y} 18'07	
morning max el	-4385 Jun 14 j 09:23	28° \mathbf{Y} 07'15	18°41'24	morning max el		-4384 May 27 j 08:09	10° \mathbf{Y} 43'17	19°34'06
	-4385 Jun 16 j 04:48	0° \mathbf{B}		asc. node		-4384 Jun 07 j 18:09	26° \mathbf{Y} 53'10	
asc. node	-4385 Jun 21 j 21:10	7° \mathbf{B} 56'00				-4384 Jun 09 j 10:29	0° \mathbf{B}	
morning set	-4385 Jun 30 j 18:09	24° \mathbf{B} 09'19		morning set		-4384 Jun 13 j 18:18	8° \mathbf{B} 27'15	
	-4385 Jul 03 j 18:17	0° \mathbf{H}						
superior conj	-4385 Jul 09 j 14:06	11° \mathbf{H} 10'30	1°49'18	superior conj		-4384 Jun 21 j 20:49	24° \mathbf{B} 41'10	1°44'22
minimum elong	-4385 Jul 09 j 14:01	11° \mathbf{H} 10'03	1°49'29	minimum elong		-4384 Jun 21 j 19:00	24° \mathbf{B} 32'18	1°44'25
max. Earth dist.	-4385 Jul 16 j 15:33	24° \mathbf{H} 03'35	1.39399 AU			-4384 Jun 24 j 14:21	0° \mathbf{H}	
	-4385 Jul 20 j 01:37	0° \mathbf{B}		max. Earth dist.		-4384 Jun 27 j 17:46	5° \mathbf{H} 56'53	1.37487 AU
evening rise	-4385 Jul 20 j 18:23	1° \mathbf{B} 11'23		evening rise		-4384 Jul 01 j 14:37	13° \mathbf{H} 00'19	
desc. node	-4385 Aug 03 j 14:32	23° \mathbf{B} 14'37				-4384 Jul 11 j 16:01	0° \mathbf{B}	
	-4385 Aug 08 j 05:26	0° \mathbf{B}		desc. node		-4384 Jul 20 j 11:36	13° \mathbf{B} 23'49	
evening max el	-4385 Aug 25 j 01:23	21° \mathbf{B} 09'51	24°00'49			-4384 Aug 02 j 03:44	0° \mathbf{B}	
retrograde	-4385 Sep 04 j 23:00	27° \mathbf{B} 34'56		evening max el		-4384 Aug 06 j 11:57	4° \mathbf{B} 39'32	25°17'39
evening set	-4385 Sep 10 j 06:01	25° \mathbf{B} 20'21		retrograde		-4384 Aug 18 j 10:11	11° \mathbf{B} 34'46	
min. Earth dist.	-4385 Sep 15 j 01:05	19° \mathbf{B} 44'37	0.67313 AU	evening set		-4384 Aug 24 j 08:12	9° \mathbf{B} 02'28	
inferior conj	-4385 Sep 15 j 13:40	19° \mathbf{B} 01'54	-0°46'23	min. Earth dist.		-4384 Aug 28 j 18:20	4° \mathbf{B} 02'55	0.66903 AU
minimum elong	-4385 Sep 15 j 14:44	18° \mathbf{B} 58'15	0°45'46	inferior conj		-4384 Aug 29 j 17:57	2° \mathbf{B} 45'44	-1°38'39
asc. node	-4385 Sep 17 j 20:20	16° \mathbf{B} 02'46		minimum elong		-4384 Aug 29 j 20:12	2° \mathbf{B} 38'22	1°37'35
morning rise	-4385 Sep 20 j 23:25	12° \mathbf{B} 53'31				-4384 Aug 31 j 22:29	30° \mathbf{R} \mathbf{B}	
direct	-4385 Sep 24 j 21:30	11° \mathbf{B} 26'10		asc. node		-4384 Sep 03 j 17:25	27° \mathbf{B} 12'29	
morning max el	-4385 Oct 03 j 02:53	16° \mathbf{B} 15'48	20°47'43	morning rise		-4384 Sep 04 j 08:17	26° \mathbf{B} 45'31	
	-4385 Oct 13 j 22:37	0° \mathbf{H}		direct		-4384 Sep 07 j 19:25	25° \mathbf{B} 35'57	
desc. node	-4385 Oct 30 j 14:20	24° \mathbf{H} 54'25		morning max el		-4384 Sep 15 j 05:03	29° \mathbf{B} 51'43	19°41'35
morning set	-4385 Nov 01 j 04:04	27° \mathbf{H} 20'55				-4384 Sep 15 j 08:17	0° \mathbf{B}	
						-4384 Oct 06 j 11:58	0° \mathbf{H}	


































































































































Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning set	-4384 Oct 10 j 03:54	5° M 40'44		superior conj	-4383 Oct 05 j 23:29	10° M 22'25	-0°16'37
desc. node	-4384 Oct 16 j 11:16	15° M 31'01		minimum elong	-4383 Oct 05 j 21:19	10° M 13'51	0°16'15
max. Earth dist.	-4384 Oct 22 j 20:42	25° M 35'51	1.44225 AU	behind sun begin	-4383 Oct 05 j 20:14	10° M 09'35	
	-4384 Oct 25 j 14:57	0° L		behind sun end	-4383 Oct 05 j 22:24	10° M 18'07	
				max. Earth dist.	-4383 Oct 05 j 13:28	9° M 42'55	1.44790 AU
superior conj	-4384 Oct 26 j 20:42	1° L 59'19	-1°02'43		-4383 Oct 18 j 08:31	0° L	
minimum elong	-4384 Oct 26 j 14:06	1° L 32'46	1°01'57	evening rise	-4383 Oct 21 j 18:20	5° L 28'06	
evening rise	-4384 Nov 09 j 19:39	24° L 59'25			-4383 Nov 06 j 08:59	0° M	
	-4384 Nov 12 j 18:55	0° M		evening max el	-4383 Nov 11 j 23:12	7° M 02'02	18°52'16
evening max el	-4384 Nov 28 j 11:47	23° M 36'53	18°21'18	asc. node	-4383 Nov 17 j 13:19	10° M 45'18	
asc. node	-4384 Nov 30 j 16:13	25° M 32'33		retrograde	-4383 Nov 18 j 18:59	10° M 53'50	
retrograde	-4384 Dec 05 j 01:31	27° M 12'30		evening set	-4383 Nov 21 j 21:51	9° M 58'14	
evening set	-4384 Dec 07 j 22:44	26° M 27'52		inferior conj	-4383 Nov 27 j 17:01	4° M 13'56	3°00'59
inferior conj	-4384 Dec 14 j 01:12	21° M 00'00	3°35'53	minimum elong	-4383 Nov 27 j 13:49	4° M 23'45	2°59'59
minimum elong	-4384 Dec 13 j 22:16	21° M 08'16	3°35'11	min. Earth dist.	-4383 Nov 29 j 08:15	2° M 13'48	0.65238 AU
min. Earth dist.	-4384 Dec 16 j 06:52	18° M 29'18	0.63854 AU		-4383 Dec 01 j 06:46	30° R L	
morning rise	-4384 Dec 19 j 21:13	14° M 59'33		morning rise	-4383 Dec 03 j 05:26	28° L 06'04	
direct	-4384 Dec 26 j 20:48	12° M 10'18		direct	-4383 Dec 09 j 20:07	25° L 16'08	
morning max el	-4383 Jan 09 j 11:17	19° M 53'24	27°30'56		-4383 Dec 19 j 19:09	0° M	
desc. node	-4383 Jan 12 j 11:05	23° M 02'12		morning max el	-4383 Dec 22 j 20:56	2° M 50'09	26°48'29
	-4383 Jan 18 j 04:55	0° X		desc. node	-4383 Dec 30 j 08:07	11° M 19'41	
	-4383 Feb 06 j 10:11	0° Z			-4382 Jan 12 j 11:10	0° X	
morning set	-4383 Feb 13 j 06:05	12° Z 55'47		morning set	-4382 Jan 27 j 16:42	26° X 28'41	
max. Earth dist.	-4383 Feb 18 j 08:49	23° Z 21'38	1.33501 AU		-4382 Jan 29 j 12:28	0° Z	
				max. Earth dist.	-4382 Feb 01 j 02:27	5° Z 06'48	1.34582 AU
superior conj	-4383 Feb 21 j 01:17	29° Z 02'22	-0°55'11	superior conj	-4382 Feb 05 j 03:27	13° Z 22'39	-1°17'26
minimum elong	-4383 Feb 21 j 03:38	29° Z 14'53	0°54'56	minimum elong	-4382 Feb 05 j 06:26	13° Z 38'07	1°17'12
	-4383 Feb 21 j 12:05	0° \approx		evening rise	-4382 Feb 12 j 15:19	29° Z 04'30	
asc. node	-4383 Feb 26 j 15:26	11° \approx 00'14			-4382 Feb 13 j 02:03	0° \approx	
evening rise	-4383 Feb 28 j 05:46	14° \approx 22'47		asc. node	-4382 Feb 13 j 12:28	0° \approx 53'34	
	-4383 Mar 08 j 04:35	0° H			-4382 Mar 03 j 13:52	0° H	
evening max el	-4383 Mar 22 j 11:12	19° H 50'37	22°45'46	evening max el	-4382 Mar 04 j 10:14	0° H 50'04	21°16'20
retrograde	-4383 Apr 04 j 14:59	26° H 17'30		retrograde	-4382 Mar 16 j 05:10	6° H 28'17	
evening set	-4383 Apr 07 j 19:39	25° H 55'08		evening set	-4382 Mar 18 j 16:50	6° H 14'07	
desc. node	-4383 Apr 10 j 09:59	25° H 06'33		inferior conj	-4382 Mar 27 j 22:49	2° H 14'53	0°05'44
min. Earth dist.	-4383 Apr 15 j 20:53	22° H 22'30	0.55513 AU	minimum elong	-4382 Mar 27 j 23:05	2° H 14'31	0°05'32
inferior conj	-4383 Apr 17 j 03:03	21° H 39'03	-1°48'09	transit middle	-4382 Mar 27 j 23:05	2° H 14'31	0°05'32
minimum elong	-4383 Apr 16 j 22:27	21° H 45'41	1°46'45	transit begin	-4382 Mar 27 j 19:15	2° H 19'57	
morning rise	-4383 Apr 26 j 03:22	17° H 41'40		transit end	-4382 Mar 28 j 02:56	2° H 09'05	
direct	-4383 Apr 28 j 16:06	17° H 26'37		desc. node	-4382 Mar 28 j 07:07	2° H 03'09	
morning max el	-4383 May 09 j 20:40	22° H 40'27	20°46'33	min. Earth dist.	-4382 Mar 28 j 11:10	1° H 57'25	0.55186 AU
	-4383 May 16 j 02:19	0° Y			-4382 Apr 01 j 02:32	30° R \approx	
asc. node	-4383 May 25 j 15:09	16° Y 18'17		morning rise	-4382 Apr 06 j 05:04	28° \approx 08'13	
morning set	-4383 May 29 j 00:27	23° Y 06'02		direct	-4382 Apr 09 j 04:34	27° \approx 48'45	
	-4383 Jun 01 j 08:37	0° B			-4382 Apr 16 j 18:15	0° H	
superior conj	-4383 Jun 05 j 14:56	8° B 48'09	1°32'31	morning max el	-4382 Apr 21 j 22:19	3° H 55'59	22°15'43
minimum elong	-4383 Jun 05 j 12:20	8° B 34'52	1°32'22		-4382 May 09 j 11:43	0° Y	
max. Earth dist.	-4383 Jun 10 j 01:30	17° B 42'46	1.35807 AU	asc. node	-4382 May 12 j 12:10	6° Y 04'07	
evening rise	-4383 Jun 14 j 07:38	25° B 52'32		morning set	-4382 May 13 j 10:28	7° Y 59'19	
	-4383 Jun 16 j 13:17	0° II					
	-4383 Jul 05 j 02:22	0° E		superior conj	-4382 May 20 j 16:59	23° Y 20'53	1°15'42
desc. node	-4383 Jul 07 j 08:42	3° E 09'14		minimum elong	-4382 May 20 j 14:19	23° Y 06'51	1°15'23
evening max el	-4383 Jul 19 j 22:49	18° E 09'45	26°22'34		-4382 May 23 j 21:39	0° B	
retrograde	-4383 Aug 01 j 16:43	25° E 24'07		max. Earth dist.	-4382 May 23 j 19:10	29° Y 47'15	1.34472 AU
evening set	-4383 Aug 08 j 04:34	22° E 39'35		evening rise	-4382 May 28 j 16:06	9° B 33'02	
min. Earth dist.	-4383 Aug 12 j 06:35	18° E 18'07	0.66145 AU		-4382 Jun 09 j 00:25	0° II	
inferior conj	-4383 Aug 13 j 18:23	16° E 27'47	-2°28'04	desc. node	-4382 Jun 24 j 05:46	22° II 20'44	
minimum elong	-4383 Aug 13 j 21:35	16° E 17'55	2°26'46		-4382 Jun 30 j 20:55	0° E	
morning rise	-4383 Aug 19 j 14:51	10° E 38'49		evening max el	-4382 Jul 02 j 10:19	1° E 33'25	27°07'27
asc. node	-4383 Aug 21 j 14:31	9° E 50'54		retrograde	-4382 Jul 15 j 17:53	8° E 56'02	
direct	-4383 Aug 22 j 17:24	9° E 43'46		evening set	-4382 Jul 22 j 16:29	6° E 08'13	
morning max el	-4383 Aug 29 j 13:33	13° E 34'05	18°50'18	min. Earth dist.	-4382 Jul 26 j 11:33	2° E 24'27	0.65019 AU
	-4383 Sep 10 j 11:36	0° L		inferior conj	-4382 Jul 28 j 12:48	0° E 04'29	-3°12'22
morning set	-4383 Sep 19 j 21:37	14° L 56'14		minimum elong	-4382 Jul 28 j 16:30	29° II 53'58	3°11'11
	-4383 Sep 29 j 09:35	0° M			-4382 Jul 28 j 14:23	30° R II	
desc. node	-4383 Oct 03 j 08:15	6° M 13'13		morning rise	-4382 Aug 03 j 16:58	24° II 29'59	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

direct	-4382 Aug 06 j 13:17	23° Π 46'14		asc. node	-4381 Jul 26 j 08:44	9° Π 49'49	
asc. node	-4382 Aug 08 j 11:38	24° Π 06'15		morning max el	-4381 Jul 27 j 17:11	11° Π 03'18	17°58'22
morning max el	-4382 Aug 13 j 02:24	27° Π 19'24	18°15'30		-4381 Aug 09 j 11:51	0° Ξ	
	-4382 Aug 15 j 11:05	0° Ξ		morning set	-4381 Aug 13 j 16:29	7° Ξ 17'10	
morning set	-4382 Aug 31 j 18:24	25° Ξ 30'26					
	-4382 Sep 03 j 11:32	0° Ω		superior conj	-4381 Aug 25 j 23:46	28° Ξ 14'20	1°11'49
				minimum elong	-4381 Aug 26 j 05:38	28° Ξ 38'36	1°11'23
superior conj	-4382 Sep 15 j 01:35	18° Ω 47'47	0°32'15		-4381 Aug 27 j 01:24	0° Ω	
minimum elong	-4382 Sep 15 j 05:27	19° Ω 03'10	0°31'53	max. Earth dist.	-4381 Aug 31 j 23:32	7° Ω 59'53	1.43773 AU
max. Earth dist.	-4382 Sep 18 j 07:29	23° Ω 57'03	1.44631 AU	desc. node	-4381 Sep 07 j 02:07	17° Ω 41'04	
desc. node	-4382 Sep 20 j 05:11	26° Ω 57'28		evening rise	-4381 Sep 10 j 21:44	23° Ω 37'36	
	-4382 Sep 22 j 03:36	0° \P			-4381 Sep 15 j 01:14	0° \P	
evening rise	-4382 Oct 01 j 16:15	14° \P 53'20			-4381 Oct 05 j 22:13	0° Δ	
	-4382 Oct 11 j 10:27	0° Δ		evening max el	-4381 Oct 09 j 09:12	3° Δ 55'35	20°41'25
greatest brilliancy	-4382 Oct 13 j 15:37	3° Δ 22'35	-0.7m	retrograde	-4381 Oct 17 j 12:39	8° Δ 44'02	
evening max el	-4382 Oct 26 j 06:58	20° Δ 29'04	19°39'40	evening set	-4381 Oct 21 j 09:10	7° Δ 18'46	
retrograde	-4382 Nov 02 j 15:29	24° Δ 45'21		asc. node	-4381 Oct 22 j 07:37	6° Δ 32'21	
asc. node	-4382 Nov 04 j 10:28	24° Δ 26'45		inferior conj	-4381 Oct 26 j 19:07	1° Δ 10'40	1°29'25
evening set	-4382 Nov 06 j 02:04	23° Δ 36'15		minimum elong	-4381 Oct 26 j 17:09	1° Δ 17'20	1°28'38
inferior conj	-4382 Nov 11 j 15:47	17° Δ 38'26	2°17'53	min. Earth dist.	-4381 Oct 27 j 09:19	0° Δ 22'27	0.66955 AU
minimum elong	-4382 Nov 11 j 12:59	17° Δ 47'33	2°16'51		-4381 Oct 27 j 15:58	30° \Re \P	
min. Earth dist.	-4382 Nov 12 j 17:45	16° Δ 13'45	0.66268 AU	morning rise	-4381 Nov 01 j 00:58	24° \P 55'21	
morning rise	-4382 Nov 16 j 23:40	11° Δ 25'37		direct	-4381 Nov 06 j 11:17	22° \P 34'26	
direct	-4382 Nov 23 j 01:09	8° Δ 46'38		morning max el	-4381 Nov 17 j 14:50	29° \P 13'03	24°20'43
morning max el	-4382 Dec 05 j 06:05	15° Δ 59'01	25°41'57		-4381 Nov 18 j 09:07	0° Δ	
	-4382 Dec 16 j 21:45	0° \P		desc. node	-4381 Dec 04 j 02:06	20° Δ 04'27	
desc. node	-4382 Dec 17 j 05:07	0° \P 25'05			-4381 Dec 10 j 17:54	0° \P	
	-4381 Jan 05 j 08:08	0° \Re		morning set	-4381 Dec 23 j 10:41	20° \P 46'13	
morning set	-4381 Jan 10 j 12:08	9° \Re 10'35		max. Earth dist.	-4381 Dec 27 j 06:13	27° \P 31'14	1.38014 AU
max. Earth dist.	-4381 Jan 14 j 08:25	16° \Re 21'21	1.36114 AU		-4381 Dec 28 j 15:00	0° \Re	
superior conj	-4381 Jan 19 j 21:45	27° \Re 14'01	-1°36'13	superior conj	-4380 Jan 03 j 04:45	10° \Re 26'59	-1°49'20
minimum elong	-4381 Jan 20 j 00:45	27° \Re 29'04	1°36'06	minimum elong	-4380 Jan 03 j 06:47	10° \Re 36'45	1°49'26
	-4381 Jan 21 j 06:41	0° Ξ		evening rise	-4380 Jan 11 j 20:45	27° \Re 28'28	
evening rise	-4381 Jan 27 j 21:03	13° Ξ 28'26			-4380 Jan 13 j 03:32	0° Ξ	
asc. node	-4381 Jan 31 j 09:29	20° Ξ 29'46		asc. node	-4380 Jan 18 j 06:31	9° Ξ 42'41	
	-4381 Feb 05 j 13:59	0° \approx		evening max el	-4380 Jan 28 j 14:11	24° Ξ 26'59	19°03'25
evening max el	-4381 Feb 14 j 19:05	12° \approx 20'53	20°00'38	retrograde	-4380 Feb 06 j 04:05	28° Ξ 33'27	
retrograde	-4381 Feb 24 j 21:28	17° \approx 08'03		evening set	-4380 Feb 08 j 13:53	28° Ξ 15'25	
evening set	-4381 Feb 27 j 05:20	16° \approx 53'56		inferior conj	-4380 Feb 16 j 13:58	24° Ξ 00'39	3°13'54
inferior conj	-4381 Mar 07 j 22:29	12° \approx 53'30	1°55'17	minimum elong	-4380 Feb 16 j 18:40	23° Ξ 52'25	3°12'43
minimum elong	-4381 Mar 08 j 02:57	12° \approx 46'41	1°53'46	min. Earth dist.	-4380 Feb 19 j 16:22	21° Ξ 51'29	0.57174 AU
min. Earth dist.	-4381 Mar 10 j 01:16	11° \approx 36'21	0.55791 AU	morning rise	-4380 Feb 24 j 20:53	18° Ξ 59'32	
desc. node	-4381 Mar 15 j 04:15	8° \approx 58'19		direct	-4380 Mar 01 j 01:30	17° Ξ 56'02	
morning rise	-4381 Mar 16 j 22:28	8° \approx 22'20		desc. node	-4380 Mar 01 j 01:23	17° Ξ 56'02	
direct	-4381 Mar 20 j 21:13	7° \approx 47'58		morning max el	-4380 Mar 15 j 06:32	25° Ξ 14'55	25°29'25
morning max el	-4381 Apr 03 j 15:37	14° \approx 38'59	23°54'19		-4380 Mar 19 j 16:30	0° \approx	
	-4381 Apr 15 j 15:02	0° \Re			-4380 Apr 07 j 11:53	0° \Re	
morning set	-4381 Apr 27 j 22:24	23° \Re 00'21		morning set	-4380 Apr 11 j 10:32	8° \Re 02'57	
asc. node	-4381 Apr 29 j 09:10	26° \Re 03'56		asc. node	-4380 Apr 15 j 06:07	16° \Re 12'42	
	-4381 May 01 j 05:18	0° Υ					
				superior conj	-4380 Apr 18 j 10:36	23° \Re 09'08	0°32'36
superior conj	-4381 May 05 j 00:14	8° Υ 10'16	0°55'22	minimum elong	-4380 Apr 18 j 09:12	23° \Re 01'33	0°32'17
minimum elong	-4381 May 04 j 22:02	7° Υ 58'24	0°55'00	max. Earth dist.	-4380 Apr 19 j 08:26	25° \Re 07'59	1.32878 AU
max. Earth dist.	-4381 May 06 j 22:26	12° Υ 17'30	1.33499 AU		-4380 Apr 21 j 14:29	0° Υ	
evening rise	-4381 May 12 j 11:30	23° Υ 47'35		evening rise	-4380 Apr 25 j 14:28	8° Υ 25'04	
	-4381 May 15 j 15:15	0° \Re			-4380 May 07 j 01:32	0° \Re	
	-4381 Jun 02 j 15:43	0° Π		evening max el	-4380 May 27 j 03:33	27° \Re 10'31	27°11'26
desc. node	-4381 Jun 11 j 02:51	10° Π 44'03		desc. node	-4380 May 27 j 23:58	27° \Re 58'19	
evening max el	-4381 Jun 14 j 20:45	14° Π 38'13	27°25'20		-4380 May 30 j 09:02	0° Π	
retrograde	-4381 Jun 28 j 13:08	22° Π 02'24		retrograde	-4380 Jun 10 j 01:49	4° Π 33'29	
evening set	-4381 Jul 05 j 16:45	19° Π 23'24		evening set	-4380 Jun 17 j 01:24	2° Π 17'17	
min. Earth dist.	-4381 Jul 09 j 07:16	16° Π 12'51	0.63511 AU		-4380 Jun 20 j 02:34	30° \Re \Re	
inferior conj	-4381 Jul 11 j 22:35	13° Π 30'34	-3°48'28	min. Earth dist.	-4380 Jun 20 j 16:55	29° \Re 29'13	0.61667 AU
minimum elong	-4381 Jul 12 j 01:58	13° Π 21'52	3°47'40	inferior conj	-4380 Jun 23 j 20:28	26° \Re 38'00	-4°11'41
morning rise	-4381 Jul 18 j 12:01	8° Π 13'49		minimum elong	-4380 Jun 23 j 22:21	26° \Re 33'44	4°11'22
direct	-4381 Jul 21 j 04:12	7° Π 38'47		morning rise	-4380 Jun 30 j 20:47	21° \Re 41'45	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

direct	-4380 Jul 03 j 10:30	21°  13'31		minimum elong	-4379 Jun 06 j 01:57	9°  20'34	4°14'40
morning max el	-4380 Jul 10 j 07:09	24°  39'02	17°59'45	morning rise	-4379 Jun 13 j 15:45	4°  43'58	
asc. node	-4380 Jul 12 j 05:47	26°  45'41		direct	-4379 Jun 16 j 04:01	4°  21'15	
	-4380 Jul 14 j 16:50	0°  II		morning max el	-4379 Jun 23 j 17:29	7°  59'13	18°20'28
morning set	-4380 Jul 26 j 10:26	20°  II00'59		asc. node	-4379 Jun 29 j 02:48	14°  38'52	
	-4380 Jul 31 j 22:34	0°  ☿			-4379 Jul 07 j 23:00	0°  II	
				morning set	-4379 Jul 09 j 19:13	3°  II29'18	
superior conj	-4380 Aug 06 j 01:36	9°  ☿03'19	1°36'52	superior conj	-4379 Jul 19 j 04:25	21°  II07'31	1°48'03
minimum elong	-4380 Aug 06 j 05:42	9°  ☿21'07	1°36'47	minimum elong	-4379 Jul 19 j 05:44	21°  II13'30	1°48'14
max. Earth dist.	-4380 Aug 13 j 10:28	21°  ☿31'50	1.42332 AU		-4379 Jul 24 j 03:15	0°  ☿	
	-4380 Aug 18 j 15:44	0°  ♊			-4379 Jul 26 j 15:13	4°  ☿20'18	1.40514 AU
evening rise	-4380 Aug 20 j 05:17	2°  ♊29'08		max. Earth dist.	-4379 Jul 31 j 08:52	12°  ☿18'28	
desc. node	-4380 Aug 23 j 23:05	8°  ♊20'26		evening rise	-4379 Jul 31 j 08:52	12°  ☿18'28	
	-4380 Sep 07 j 12:55	0°  ♊		desc. node	-4379 Aug 10 j 20:03	28°  ☿52'00	
evening max el	-4380 Sep 21 j 05:03	17°  ♊20'26	21°54'30		-4379 Aug 11 j 14:01	0°  ♊	
retrograde	-4380 Sep 30 j 08:39	22°  ♊46'38			-4379 Sep 03 j 01:33	0°  ♊	
evening set	-4380 Oct 04 j 17:11	21°  ♊03'03		evening max el	-4379 Sep 03 j 19:28	0°  ♊45'49	23°14'20
asc. node	-4380 Oct 08 j 04:46	17°  ♊17'37		retrograde	-4379 Sep 14 j 01:59	6°  ♊50'55	
inferior conj	-4380 Oct 10 j 00:57	14°  ♊48'04	0°37'37	evening set	-4379 Sep 19 j 00:21	4°  ♊47'45	
minimum elong	-4380 Oct 10 j 00:06	14°  ♊51'03	0°37'20		-4379 Sep 23 j 05:07	30°  ♊	
min. Earth dist.	-4380 Oct 10 j 04:32	14°  ♊35'42	0.67327 AU	inferior conj	-4379 Sep 24 j 07:34	28°  ♊29'30	-0°15'39
morning rise	-4380 Oct 15 j 06:53	8°  ♊32'56		minimum elong	-4379 Sep 24 j 07:56	28°  ♊28'16	0°15'22
direct	-4380 Oct 20 j 02:03	6°  ♊33'06		transit middle	-4379 Sep 24 j 07:56	28°  ♊28'16	0°15'22
morning max el	-4380 Oct 30 j 01:12	12°  ♊29'53	22°54'21	transit begin	-4379 Sep 24 j 07:00	28°  ♊31'27	
	-4380 Nov 12 j 23:48	0°  ♋		transit end	-4379 Sep 24 j 08:51	28°  ♊25'05	
desc. node	-4380 Nov 19 j 23:01	10°  ♋07'32		min. Earth dist.	-4379 Sep 24 j 00:59	28°  ♊52'07	0.67402 AU
	-4380 Dec 02 j 15:35	0°  ♋		asc. node	-4379 Sep 25 j 01:54	27°  ♊26'45	
morning set	-4380 Dec 03 j 06:29	1°  ♋01'15		morning rise	-4379 Sep 29 j 15:25	22°  ♊17'30	
max. Earth dist.	-4380 Dec 08 j 02:37	9°  ♋09'18	1.40074 AU	direct	-4379 Oct 03 j 20:39	20°  ♋38'44	
				morning max el	-4379 Oct 12 j 16:12	25°  ♋51'59	21°31'18
superior conj	-4380 Dec 15 j 19:54	22°  ♋49'12	-1°53'59		-4379 Oct 16 j 08:42	0°  ♋	
minimum elong	-4380 Dec 15 j 19:38	22°  ♋47'57	1°54'08	desc. node	-4379 Nov 06 j 19:56	0°  ♋27'34	
	-4380 Dec 19 j 16:58	0°  ♋			-4379 Nov 06 j 12:44	0°  ♋	
evening rise	-4380 Dec 25 j 11:36	10°  ♋57'25		morning set	-4379 Nov 12 j 22:13	9°  ♋56'39	
asc. node	-4379 Jan 04 j 03:34	28°  ♋24'37		max. Earth dist.	-4379 Nov 20 j 03:59	21°  ♋37'22	1.42025 AU
	-4379 Jan 05 j 03:59	0°  ♋			-4379 Nov 25 j 04:04	0°  ♋	
evening max el	-4379 Jan 10 j 17:49	7°  ♋03'58	18°26'21				
retrograde	-4379 Jan 18 j 05:12	10°  ♋44'33		superior conj	-4379 Nov 27 j 13:40	4°  ♋07'00	-1°46'32
evening set	-4379 Jan 20 j 17:53	10°  ♋20'36		minimum elong	-4379 Nov 27 j 09:53	3°  ♋50'42	1°46'27
inferior conj	-4379 Jan 28 j 01:53	5°  ♋45'53	3°54'42	evening rise	-4379 Dec 08 j 14:08	23°  ♋47'22	
minimum elong	-4379 Jan 28 j 04:05	5°  ♋41'22	3°54'17		-4379 Dec 12 j 00:07	0°  ♋	
min. Earth dist.	-4379 Jan 31 j 10:57	3°  ♋02'09	0.59031 AU	asc. node	-4379 Dec 22 j 00:40	16°  ♋25'26	
morning rise	-4379 Feb 04 j 12:10	0°  ♋20'15		evening max el	-4379 Dec 25 j 03:17	20°  ♋03'25	18°09'17
	-4379 Feb 05 j 04:07	30°  ♋		retrograde	-4379 Dec 31 j 22:50	23°  ♋32'28	
direct	-4379 Feb 10 j 18:51	28°  ♋37'48		evening set	-4378 Jan 03 j 14:24	23°  ♋01'21	
desc. node	-4379 Feb 15 j 22:29	29°  ♋43'40		inferior conj	-4378 Jan 10 j 08:53	18°  ♋05'08	4°04'00
	-4379 Feb 16 j 13:24	0°  ♋		minimum elong	-4378 Jan 10 j 08:21	18°  ♋06'23	4°03'48
morning max el	-4379 Feb 25 j 00:52	6°  ♋11'45	26°45'47	min. Earth dist.	-4378 Jan 13 j 11:51	15°  ♋10'30	0.61036 AU
	-4379 Mar 14 j 17:18	0°  ♋		morning rise	-4378 Jan 17 j 00:56	12°  ♋22'36	
morning set	-4379 Mar 26 j 21:11	23°  ♋01'06		direct	-4378 Jan 23 j 23:02	10°  ♋03'53	
	-4379 Mar 30 j 04:02	0°  ♋		desc. node	-4378 Feb 02 j 19:33	14°  ♋04'03	
asc. node	-4379 Apr 02 j 03:03	6°  ♋26'18		morning max el	-4378 Feb 07 j 01:10	17°  ♋44'54	27°31'28
					-4378 Feb 17 j 07:51	0°  ♋	
superior conj	-4379 Apr 02 j 22:18	8°  ♋11'33	0°08'22		-4378 Mar 07 j 07:19	0°  ♋	
minimum elong	-4379 Apr 02 j 21:56	8°  ♋09'33	0°08'11	morning set	-4378 Mar 11 j 04:26	7°  ♋46'40	
behind sun begin	-4379 Apr 02 j 17:38	7°  ♋46'01		max. Earth dist.	-4378 Mar 17 j 10:15	21°  ♋02'56	1.32659 AU
behind sun end	-4379 Apr 03 j 02:14	8°  ♋33'05					
max. Earth dist.	-4379 Apr 02 j 21:39	8°  ♋07'59	1.32597 AU	superior conj	-4378 Mar 18 j 09:38	23°  ♋10'16	-0°16'37
evening rise	-4379 Apr 09 j 22:22	23°  ♋16'58		minimum elong	-4378 Mar 18 j 10:23	23°  ♋14'21	0°16'36
	-4379 Apr 13 j 05:21	0°  ♋		asc. node	-4378 Mar 20 j 00:01	26°  ♋39'48	
	-4379 May 01 j 06:46	0°  ♋			-4378 Mar 21 j 12:46	0°  ♋	
evening max el	-4379 May 09 j 04:42	9°  ♋02'31	26°25'01	evening rise	-4378 Mar 25 j 09:03	8°  ♋14'35	
desc. node	-4379 May 14 j 21:06	13°  ♋35'21			-4378 Apr 05 j 18:56	0°  ♋	
retrograde	-4379 May 23 j 06:43	16°  ♋21'56		evening max el	-4378 Apr 20 j 23:55	20°  ♋14'33	25°10'54
evening set	-4379 May 29 j 14:30	14°  ♋40'42		desc. node	-4378 May 01 j 18:15	26°  ♋58'32	
min. Earth dist.	-4379 Jun 02 j 17:47	11°  ♋58'48	0.59636 AU	retrograde	-4378 May 05 j 01:24	27°  ♋24'01	
inferior conj	-4379 Jun 06 j 02:56	9°  ♋18'36	-4°14'51	evening set	-4378 May 10 j 06:01	26°  ♋21'27	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

min. Earth dist.	-4378 May 15 j 12:21	23° Υ 29'25	0.57674 AU	min. Earth dist.	-4377 Apr 27 j 03:27	4° Υ 01'01	0.56114 AU
inferior conj	-4378 May 18 j 14:35	21° Υ 22'30	-3°48'16	inferior conj	-4377 Apr 29 j 06:14	2° Υ 44'30	-2°43'09
minimum elong	-4378 May 18 j 10:12	21° Υ 30'04	3°47'31	minimum elong	-4377 Apr 29 j 00:27	2° Υ 53'14	2°41'37
morning rise	-4378 May 26 j 17:24	17° Υ 07'58			-4377 May 04 j 05:48	30° \Re \mathfrak{X}	
direct	-4378 May 29 j 04:44	16° Υ 49'37		morning rise	-4377 May 07 j 23:27	28° \mathfrak{X} 44'18	
morning max el	-4378 Jun 06 j 21:12	20° Υ 53'41	19°01'19	direct	-4377 May 10 j 10:52	28° \mathfrak{X} 28'45	
	-4378 Jun 14 j 00:19	0° \mathfrak{X}			-4377 May 16 j 06:00	0° Υ	
asc. node	-4378 Jun 15 j 23:47	3° \mathfrak{X} 15'37		morning max el	-4377 May 20 j 15:40	3° Υ 13'16	20°02'33
morning set	-4378 Jun 23 j 14:40	17° \mathfrak{X} 31'17		asc. node	-4377 Jun 02 j 20:46	22° Υ 25'37	
	-4378 Jun 29 j 22:42	0° \mathbb{I}			-4377 Jun 06 j 18:02	0° \mathfrak{X}	
				morning set	-4377 Jun 07 j 17:39	1° \mathfrak{X} 58'47	
superior conj	-4378 Jul 02 j 02:26	4° \mathbb{I} 10'21	1°48'11	superior conj	-4377 Jun 15 j 14:26	17° \mathfrak{X} 57'21	1°40'02
minimum elong	-4378 Jul 02 j 01:30	4° \mathbb{I} 05'51	1°48'20	minimum elong	-4377 Jun 15 j 12:11	17° \mathfrak{X} 46'07	1°40'01
max. Earth dist.	-4378 Jul 08 j 16:44	16° \mathbb{I} 28'16	1.38569 AU	max. Earth dist.	-4377 Jun 20 j 20:54	28° \mathfrak{X} 16'06	1.36739 AU
evening rise	-4378 Jul 12 j 14:50	23° \mathbb{I} 24'41			-4377 Jun 21 j 18:49	0° \mathbb{I}	
	-4378 Jul 16 j 11:48	0° \mathfrak{E}		evening rise	-4377 Jun 24 j 20:32	5° \mathbb{I} 42'00	
desc. node	-4378 Jul 28 j 17:05	19° \mathfrak{E} 10'54			-4377 Jul 09 j 08:41	0° \mathfrak{E}	
	-4378 Aug 05 j 08:54	0° \mathcal{O}		desc. node	-4377 Jul 15 j 14:09	9° \mathfrak{E} 10'47	
evening max el	-4378 Aug 17 j 06:52	14° \mathcal{O} 14'22	24°34'34	evening max el	-4377 Jul 30 j 17:35	27° \mathfrak{E} 45'15	25°47'22
retrograde	-4378 Aug 28 j 15:36	20° \mathcal{O} 53'26			-4377 Aug 02 j 04:04	0° \mathcal{O}	
evening set	-4378 Sep 03 j 04:54	18° \mathcal{O} 31'13		retrograde	-4377 Aug 12 j 00:39	4° \mathcal{O} 49'12	
min. Earth dist.	-4378 Sep 07 j 20:09	13° \mathcal{O} 10'19	0.67174 AU	evening set	-4377 Aug 18 j 04:52	2° \mathcal{O} 10'59	
inferior conj	-4378 Sep 08 j 13:13	12° \mathcal{O} 13'09	-1°08'46		-4377 Aug 20 j 09:03	30° \Re \mathfrak{E}	
minimum elong	-4378 Sep 08 j 14:49	12° \mathcal{O} 07'48	1°07'57	min. Earth dist.	-4377 Aug 22 j 11:31	27° \mathfrak{E} 27'33	0.66622 AU
asc. node	-4378 Sep 11 j 23:01	7° \mathcal{O} 59'12		inferior conj	-4377 Aug 23 j 16:06	25° \mathfrak{E} 56'17	-2°00'05
morning rise	-4378 Sep 14 j 00:42	6° \mathcal{O} 07'36		minimum elong	-4377 Aug 23 j 18:48	25° \mathfrak{E} 47'40	1°58'54
direct	-4378 Sep 17 j 17:54	4° \mathcal{O} 48'01		morning rise	-4377 Aug 29 j 08:50	20° \mathfrak{E} 00'27	
morning max el	-4378 Sep 25 j 14:04	9° \mathcal{O} 22'20	20°17'54	asc. node	-4377 Aug 29 j 20:08	19° \mathfrak{E} 43'45	
	-4378 Oct 10 j 23:10	0° \mathfrak{P}		direct	-4377 Sep 01 j 16:09	18° \mathfrak{E} 57'18	
morning set	-4378 Oct 22 j 21:22	18° \mathfrak{P} 10'32		morning max el	-4377 Sep 08 j 19:04	23° \mathfrak{E} 00'50	19°17'54
desc. node	-4378 Oct 24 j 16:52	20° \mathfrak{P} 59'32			-4377 Sep 14 j 11:46	0° \mathcal{O}	
	-4378 Oct 30 j 10:27	0° \mathfrak{L}		morning set	-4377 Oct 02 j 02:43	26° \mathcal{O} 48'40	
max. Earth dist.	-4378 Nov 02 j 13:13	4° \mathfrak{L} 58'05	1.43588 AU		-4377 Oct 04 j 03:36	0° \mathfrak{P}	
superior conj	-4378 Nov 08 j 04:58	14° \mathfrak{L} 09'14	-1°23'33	desc. node	-4377 Oct 11 j 13:48	11° \mathfrak{P} 38'47	
minimum elong	-4378 Nov 07 j 22:18	13° \mathfrak{L} 41'52	1°22'56	max. Earth dist.	-4377 Oct 16 j 04:39	18° \mathfrak{P} 55'38	1.44554 AU
	-4378 Nov 17 j 15:05	0° \mathbb{M}		superior conj	-4377 Oct 18 j 17:51	22° \mathfrak{P} 58'10	-0°44'21
evening rise	-4378 Nov 21 j 00:11	5° \mathbb{M} 50'10		minimum elong	-4377 Oct 18 j 12:30	22° \mathfrak{P} 36'57	0°43'38
	-4378 Dec 05 j 19:53	0° \mathfrak{J}			-4377 Oct 23 j 03:30	0° \mathfrak{L}	
evening max el	-4378 Dec 08 j 15:42	3° \mathfrak{J} 17'53	18°11'33	evening rise	-4377 Nov 02 j 12:56	16° \mathfrak{L} 55'36	
asc. node	-4378 Dec 08 j 21:48	3° \mathfrak{J} 33'04			-4377 Nov 10 j 11:20	0° \mathbb{M}	
retrograde	-4378 Dec 15 j 05:00	6° \mathfrak{J} 47'47		evening max el	-4377 Nov 22 j 04:11	16° \mathbb{M} 40'10	18°32'19
evening set	-4378 Dec 17 j 23:56	6° \mathfrak{J} 08'22		asc. node	-4377 Nov 25 j 18:56	19° \mathbb{M} 32'11	
inferior conj	-4378 Dec 24 j 07:33	0° \mathfrak{J} 51'22	3°50'47	retrograde	-4377 Nov 28 j 19:29	20° \mathbb{M} 21'25	
minimum elong	-4378 Dec 24 j 05:11	0° \mathfrak{J} 57'40	3°50'18	evening set	-4377 Dec 01 j 18:58	19° \mathbb{M} 32'12	
	-4378 Dec 25 j 02:51	30° \Re \mathbb{M}		inferior conj	-4377 Dec 07 j 18:03	13° \mathbb{M} 56'46	3°22'17
min. Earth dist.	-4378 Dec 26 j 21:37	28° \mathbb{M} 07'37	0.62911 AU	minimum elong	-4377 Dec 07 j 14:55	14° \mathbb{M} 05'59	3°21'26
morning rise	-4378 Dec 30 j 09:41	24° \mathbb{M} 56'48		min. Earth dist.	-4377 Dec 09 j 17:22	11° \mathbb{M} 38'33	0.64490 AU
direct	-4377 Jan 06 j 11:33	22° \mathbb{M} 14'25		morning rise	-4377 Dec 13 j 10:27	7° \mathbb{M} 53'01	
	-4377 Jan 20 j 08:01	0° \mathfrak{J}		direct	-4377 Dec 20 j 06:55	5° \mathbb{M} 02'10	
morning max el	-4377 Jan 20 j 07:01	29° \mathbb{M} 57'33	27°41'14	morning max el	-4376 Jan 02 j 16:09	12° \mathbb{M} 41'51	27°16'22
desc. node	-4377 Jan 20 j 16:36	0° \mathfrak{J} 21'22		desc. node	-4376 Jan 07 j 13:39	18° \mathbb{M} 02'08	
	-4377 Feb 11 j 06:21	0° \mathfrak{Z}			-4376 Jan 16 j 15:42	0° \mathfrak{J}	
morning set	-4377 Feb 23 j 06:05	22° \mathfrak{Z} 11'55			-4376 Feb 03 j 18:31	0° \mathfrak{Z}	
	-4377 Feb 27 j 01:00	0° \approx		morning set	-4376 Feb 06 j 23:14	6° \mathfrak{Z} 07'02	
max. Earth dist.	-4377 Feb 28 j 18:34	3° \approx 39'56	1.33088 AU	max. Earth dist.	-4376 Feb 11 j 18:41	15° \mathfrak{Z} 46'38	1.33916 AU
superior conj	-4377 Mar 02 j 18:57	7° \approx 59'18	-0°41'23	superior conj	-4376 Feb 15 j 00:20	22° \mathfrak{Z} 31'50	-1°04'57
minimum elong	-4377 Mar 02 j 20:46	8° \approx 09'05	0°41'12	minimum elong	-4376 Feb 15 j 03:00	22° \mathfrak{Z} 45'56	1°04'41
asc. node	-4377 Mar 06 j 21:02	16° \approx 49'09			-4376 Feb 18 j 12:43	0° \approx	
evening rise	-4377 Mar 09 j 20:42	23° \approx 11'16		asc. node	-4376 Feb 21 j 18:04	6° \approx 49'46	
	-4377 Mar 13 j 04:09	0° \mathfrak{X}		evening rise	-4376 Feb 22 j 07:32	8° \approx 00'14	
	-4377 Apr 01 j 15:12	0° Υ			-4376 Mar 05 j 02:41	0° \mathfrak{X}	
evening max el	-4377 Apr 02 j 16:02	1° Υ 01'20	23°39'58	evening max el	-4376 Mar 14 j 10:41	11° \mathfrak{X} 48'13	22°06'20
retrograde	-4377 Apr 16 j 07:24	7° Υ 48'08		retrograde	-4376 Mar 27 j 01:46	17° \mathfrak{X} 55'46	
desc. node	-4377 Apr 18 j 15:24	7° Υ 36'00		evening set	-4376 Mar 29 j 21:37	17° \mathfrak{X} 38'03	
evening set	-4377 Apr 20 j 04:15	7° Υ 15'13					

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-4376 Apr 04 j 12:32	15° H 33'00		retrograde	-4375 Mar 07 j 15:42	28° \approx 16'00	
min. Earth dist.	-4376 Apr 07 j 17:27	13° H 48'53	0.55265 AU	evening set	-4375 Mar 10 j 00:19	28° \approx 02'37	
inferior conj	-4376 Apr 08 j 06:08	13° H 31'00	-1°01'27	inferior conj	-4375 Mar 19 j 01:48	24° \approx 04'37	0°54'44
minimum elong	-4376 Apr 08 j 03:19	13° H 34'58	1°00'34	minimum elong	-4375 Mar 19 j 04:14	24° \approx 01'06	0°53'48
morning rise	-4376 Apr 17 j 10:18	9° H 32'19		min. Earth dist.	-4375 Mar 20 j 07:39	23° \approx 21'26	0.55330 AU
direct	-4376 Apr 20 j 02:15	9° H 16'19		desc. node	-4375 Mar 22 j 09:41	22° \approx 11'37	
morning max el	-4376 May 01 j 23:24	14° H 52'20	21°22'49	morning rise	-4375 Mar 28 j 07:00	19° \approx 48'56	
	-4376 May 13 j 07:26	0° Y		direct	-4375 Mar 31 j 14:37	19° \approx 24'58	
asc. node	-4376 May 19 j 17:47	12° Y 00'39		morning max el	-4375 Apr 13 j 21:09	25° \approx 52'48	22°57'16
morning set	-4376 May 22 j 01:43	16° Y 45'06			-4375 Apr 17 j 17:55	0° H	
	-4376 May 28 j 09:59	0° B			-4375 May 05 j 16:59	0° Y	
				morning set	-4375 May 06 j 12:45	1° Y 42'40	
superior conj	-4376 May 29 j 12:19	2° B 16'53	1°25'53	asc. node	-4375 May 06 j 14:46	1° Y 53'12	
minimum elong	-4376 May 29 j 09:37	2° B 02'53	1°25'40				
max. Earth dist.	-4376 Jun 02 j 08:54	10° B 09'17	1.35192 AU	superior conj	-4375 May 13 j 16:54	16° Y 58'09	1°07'27
evening rise	-4376 Jun 06 j 20:44	18° B 56'41		minimum elong	-4375 May 13 j 14:22	16° Y 44'43	1°07'05
	-4376 Jun 12 j 21:30	0° II		max. Earth dist.	-4375 May 16 j 06:40	22° Y 23'57	1.34007 AU
desc. node	-4376 Jul 01 j 11:13	28° II 43'33			-4375 May 19 j 23:33	0° B	
	-4376 Jul 02 j 10:28	0° B		evening rise	-4375 May 21 j 10:19	2° B 53'15	
evening max el	-4376 Jul 12 j 04:43	11° B 13'50	26°44'33		-4375 Jun 05 j 17:31	0° II	
retrograde	-4376 Jul 25 j 04:50	18° B 32'39		desc. node	-4375 Jun 18 j 08:18	17° II 36'49	
evening set	-4376 Jul 31 j 21:58	15° B 45'08		evening max el	-4375 Jun 24 j 15:45	24° II 30'13	27°18'38
min. Earth dist.	-4376 Aug 04 j 20:47	11° B 40'17	0.65713 AU		-4375 Jul 01 j 17:34	0° B	
inferior conj	-4376 Aug 06 j 14:15	9° B 36'37	-2°47'38	retrograde	-4375 Jul 08 j 03:43	1° B 54'56	
minimum elong	-4376 Aug 06 j 17:44	9° B 26'13	2°46'22		-4375 Jul 14 j 01:01	30° R II	
morning rise	-4376 Aug 12 j 13:49	3° B 53'43		evening set	-4375 Jul 15 j 05:21	29° II 08'52	
direct	-4376 Aug 15 j 13:29	3° B 03'50		min. Earth dist.	-4375 Jul 18 j 21:53	25° II 40'21	0.64421 AU
asc. node	-4376 Aug 15 j 17:13	3° B 03'58		inferior conj	-4375 Jul 21 j 05:18	23° II 09'16	-3°28'57
morning max el	-4376 Aug 22 j 05:45	6° B 45'31	18°33'30	minimum elong	-4375 Jul 21 j 08:58	22° II 59'13	3°27'54
	-4376 Sep 07 j 05:34	0° O		morning rise	-4375 Jul 27 j 13:15	17° II 42'13	
morning set	-4376 Sep 11 j 07:39	6° O 37'19		direct	-4375 Jul 30 j 07:27	17° II 02'38	
	-4376 Sep 25 j 22:42	0° M		asc. node	-4375 Aug 02 j 14:18	17° II 58'18	
				morning max el	-4375 Aug 05 j 19:47	20° II 31'10	18°06'01
superior conj	-4376 Sep 26 j 17:21	1° M 13'37	0°04'37		-4375 Aug 12 j 23:28	0° B	
minimum elong	-4376 Sep 26 j 17:57	1° M 16'02	0°04'38	morning set	-4375 Aug 23 j 15:40	17° B 43'16	
behind sun begin	-4376 Sep 26 j 06:59	0° M 32'44			-4375 Aug 30 j 23:22	0° O	
behind sun end	-4376 Sep 27 j 04:55	1° M 59'18					
desc. node	-4376 Sep 27 j 10:45	2° M 22'18		superior conj	-4375 Sep 06 j 02:04	9° O 59'42	0°50'39
max. Earth dist.	-4376 Sep 27 j 22:38	3° M 09'06	1.44809 AU	minimum elong	-4375 Sep 06 j 07:24	10° O 21'11	0°50'11
evening rise	-4376 Oct 13 j 00:52	26° M 56'50		max. Earth dist.	-4375 Sep 10 j 15:39	17° O 18'33	1.44340 AU
	-4376 Oct 14 j 23:09	0° A		desc. node	-4375 Sep 14 j 07:41	23° O 06'30	
greatest brilliancy	-4376 Oct 21 j 20:21	10° A 51'47	-0.8m		-4375 Sep 18 j 17:22	0° M	
	-4376 Nov 04 j 11:55	0° M		evening rise	-4375 Sep 22 j 13:55	5° M 59'16	
evening max el	-4376 Nov 04 j 14:14	0° M 06'02	19°10'27	greatest brilliancy	-4375 Oct 06 j 04:08	26° M 42'48	-0.6m
retrograde	-4376 Nov 11 j 14:43	4° M 07'37			-4375 Oct 08 j 09:43	0° A	
asc. node	-4376 Nov 11 j 16:04	4° M 07'36		evening max el	-4375 Oct 18 j 19:43	13° A 32'32	20°04'23
evening set	-4376 Nov 14 j 20:34	3° M 06'33		retrograde	-4375 Oct 26 j 11:49	18° A 02'09	
	-4376 Nov 18 j 07:08	30° R A		asc. node	-4375 Oct 29 j 13:11	17° A 07'51	
inferior conj	-4376 Nov 20 j 13:10	27° A 15'49	2°43'31	evening set	-4375 Oct 30 j 02:14	16° A 46'40	
minimum elong	-4376 Nov 20 j 10:04	27° A 25'35	2°42'29	inferior conj	-4375 Nov 04 j 14:08	10° A 44'03	1°57'52
min. Earth dist.	-4376 Nov 21 j 22:30	25° A 30'35	0.65717 AU	minimum elong	-4375 Nov 04 j 11:39	10° A 52'19	1°56'55
morning rise	-4376 Nov 25 j 23:17	21° A 05'22		min. Earth dist.	-4375 Nov 05 j 10:59	9° A 34'39	0.66591 AU
direct	-4376 Dec 02 j 08:34	18° A 19'09		morning rise	-4375 Nov 09 j 20:50	4° A 29'35	
morning max el	-4376 Dec 15 j 01:59	25° A 45'51	26°22'38	direct	-4375 Nov 15 j 15:56	1° A 57'30	
	-4376 Dec 19 j 00:17	0° M		morning max el	-4375 Nov 27 j 10:55	8° A 57'52	25°08'40
desc. node	-4376 Dec 24 j 10:40	6° M 41'58		desc. node	-4375 Dec 11 j 07:40	26° A 03'25	
	-4375 Jan 09 j 04:03	0° A			-4375 Dec 14 j 02:04	0° M	
morning set	-4375 Jan 20 j 04:04	19° A 20'20			-4374 Jan 01 j 17:41	0° A	
max. Earth dist.	-4375 Jan 24 j 07:35	27° A 18'23	1.35183 AU	morning set	-4374 Jan 02 j 15:29	1° A 37'04	
	-4375 Jan 25 j 16:14	0° B		max. Earth dist.	-4374 Jan 06 j 09:10	8° A 26'19	1.36876 AU
superior conj	-4375 Jan 28 j 23:30	6° B 40'44	-1°25'57	superior conj	-4374 Jan 12 j 13:31	20° A 17'42	-1°42'37
minimum elong	-4375 Jan 29 j 02:35	6° B 56'33	1°25'45	minimum elong	-4374 Jan 12 j 16:16	20° A 31'10	1°42'36
evening rise	-4375 Feb 05 j 15:43	22° B 35'18			-4374 Jan 17 j 09:57	0° B	
asc. node	-4375 Feb 07 j 15:06	26° B 36'39		evening rise	-4374 Jan 20 j 19:13	6° B 50'20	
	-4375 Feb 09 j 08:01	0° \approx		asc. node	-4374 Jan 25 j 12:08	16° B 04'19	
evening max el	-4375 Feb 24 j 13:30	22° \approx 59'25	20°41'58		-4374 Feb 02 j 23:01	0° \approx	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-4374 Feb 07 j 02:58	4° \approx 46'46	19°33'59	asc. node	-4373 Jan 12 j 09:12	5° \approx 05'07	
retrograde	-4374 Feb 16 j 13:02	9° \approx 14'48		evening max el	-4373 Jan 21 j 02:05	17° \approx 07'22	18°45'18
evening set	-4374 Feb 18 j 21:13	8° \approx 59'30		retrograde	-4373 Jan 29 j 03:09	21° \approx 00'30	
inferior conj	-4374 Feb 27 j 07:19	4° \approx 54'30	2°33'12	evening set	-4373 Jan 31 j 14:20	20° \approx 40'01	
minimum elong	-4374 Feb 27 j 12:22	4° \approx 46'21	2°31'40	inferior conj	-4373 Feb 08 j 07:20	16° \approx 17'21	3°35'32
min. Earth dist.	-4374 Mar 01 j 22:26	3° \approx 13'27	0.56295 AU	minimum elong	-4373 Feb 08 j 11:09	16° \approx 10'13	3°34'43
morning rise	-4374 Mar 08 j 00:56	0° \approx 10'05		min. Earth dist.	-4373 Feb 11 j 14:37	13° \approx 50'53	0.57928 AU
	-4374 Mar 08 j 13:52	30° \approx 8'3		morning rise	-4373 Feb 16 j 05:32	11° \approx 05'11	
desc. node	-4374 Mar 09 j 06:49	29° \approx 348'38		direct	-4373 Feb 21 j 22:31	9° \approx 45'26	
direct	-4374 Mar 12 j 12:12	29° \approx 324'53		desc. node	-4373 Feb 24 j 03:56	9° \approx 57'33	
	-4374 Mar 16 j 09:57	0° \approx		morning max el	-4373 Mar 08 j 04:20	17° \approx 11'33	26°04'51
morning max el	-4374 Mar 26 j 12:48	6° \approx 30'35	24°35'57		-4373 Mar 18 j 17:30	0° \approx	
	-4374 Apr 12 j 11:21	0° \approx			-4373 Apr 04 j 16:12	0° \approx	
morning set	-4374 Apr 21 j 00:59	16° \approx 45'31		morning set	-4373 Apr 05 j 12:42	1° \approx 46'49	
asc. node	-4374 Apr 23 j 11:44	21° \approx 57'49		asc. node	-4373 Apr 10 j 08:42	12° \approx 09'07	
	-4374 Apr 27 j 04:53	0° \approx					
superior conj	-4374 Apr 28 j 01:45	1° \approx 53'05	0°45'58	superior conj	-4373 Apr 12 j 12:53	16° \approx 54'09	0°22'29
minimum elong	-4374 Apr 27 j 23:51	1° \approx 42'49	0°45'36	minimum elong	-4373 Apr 12 j 11:55	16° \approx 48'49	0°22'12
max. Earth dist.	-4374 Apr 29 j 13:03	5° \approx 03'37	1.33195 AU	max. Earth dist.	-4373 Apr 13 j 00:55	17° \approx 59'49	1.32727 AU
evening rise	-4374 May 05 j 09:21	17° \approx 19'29			-4373 Apr 18 j 14:53	0° \approx	
	-4374 May 11 j 22:18	0° \approx		evening rise	-4373 Apr 19 j 14:44	2° \approx 04'22	
	-4374 May 31 j 08:11	0° \approx			-4373 May 04 j 21:26	0° \approx	
desc. node	-4374 Jun 05 j 05:22	5° \approx 33'55		evening max el	-4373 May 20 j 05:51	19° \approx 39'41	26°55'31
evening max el	-4374 Jun 07 j 00:58	7° \approx 22'52	27°23'25	desc. node	-4373 May 23 j 02:30	22° \approx 11'04	
retrograde	-4374 Jun 20 j 20:31	14° \approx 47'12		retrograde	-4373 Jun 03 j 05:58	27° \approx 00'41	
evening set	-4374 Jun 27 j 23:29	12° \approx 16'20		evening set	-4373 Jun 10 j 00:16	24° \approx 58'37	
min. Earth dist.	-4374 Jul 01 j 13:32	9° \approx 16'43	0.62762 AU	min. Earth dist.	-4373 Jun 13 j 19:23	22° \approx 15'02	0.60819 AU
inferior conj	-4374 Jul 04 j 10:26	6° \approx 28'33	-4°00'18	inferior conj	-4373 Jun 17 j 02:15	19° \approx 26'11	-4°16'02
minimum elong	-4374 Jul 04 j 13:20	6° \approx 21'26	3°59'42	minimum elong	-4373 Jun 17 j 03:04	19° \approx 24'26	4°15'51
morning rise	-4374 Jul 11 j 04:18	1° \approx 20'07		morning rise	-4373 Jun 24 j 07:39	14° \approx 38'42	
direct	-4374 Jul 13 j 19:08	0° \approx 48'17		direct	-4373 Jun 26 j 20:43	14° \approx 12'51	
asc. node	-4374 Jul 20 j 11:21	4° \approx 14'22		morning max el	-4373 Jul 03 j 23:15	17° \approx 42'15	18°06'04
morning max el	-4374 Jul 20 j 10:32	4° \approx 12'20	17°56'32	asc. node	-4373 Jul 07 j 08:23	21° \approx 36'20	
morning set	-4374 Aug 05 j 22:51	29° \approx 55'48			-4373 Jul 12 j 19:04	0° \approx	
	-4374 Aug 05 j 23:48	0° \approx		morning set	-4373 Jul 19 j 23:45	13° \approx 00'35	
					-4373 Jul 29 j 06:15	0° \approx	
superior conj	-4374 Aug 17 j 11:49	20° \approx 00'27	1°24'17	superior conj	-4373 Jul 30 j 00:56	1° \approx 23'12	1°43'10
minimum elong	-4374 Aug 17 j 17:14	20° \approx 23'17	1°23'58	minimum elong	-4373 Jul 30 j 03:51	1° \approx 36'08	1°43'13
	-4374 Aug 23 j 12:31	0° \approx		max. Earth dist.	-4373 Aug 06 j 13:55	14° \approx 24'05	1.41598 AU
max. Earth dist.	-4374 Aug 24 j 05:16	1° \approx 08'04	1.43221 AU	evening rise	-4373 Aug 12 j 08:12	23° \approx 51'28	
desc. node	-4374 Sep 01 j 04:36	13° \approx 048'32			-4373 Aug 16 j 05:09	0° \approx	
evening rise	-4374 Sep 01 j 17:35	14° \approx 039'07		desc. node	-4373 Aug 19 j 01:33	4° \approx 25'16	
	-4374 Sep 11 j 19:11	0° \approx			-4373 Sep 05 j 19:17	0° \approx	
evening max el	-4374 Oct 01 j 19:15	26° \approx 58'12	21°11'31	evening max el	-4373 Sep 14 j 12:46	10° \approx 23'43	22°28'02
	-4374 Oct 05 j 05:13	0° \approx		retrograde	-4373 Sep 24 j 03:26	16° \approx 05'57	
retrograde	-4374 Oct 10 j 08:34	2° \approx 02'12		evening set	-4373 Sep 28 j 17:45	14° \approx 14'05	
evening set	-4374 Oct 14 j 09:54	0° \approx 29'33		asc. node	-4373 Oct 03 j 07:26	8° \approx 58'26	
	-4374 Oct 15 j 00:16	30° \approx 8'17		inferior conj	-4373 Oct 04 j 01:07	7° \approx 57'33	0°15'06
asc. node	-4374 Oct 16 j 10:19	28° \approx 17'35'15		minimum elong	-4373 Oct 04 j 00:46	7° \approx 58'46	0°15'03
inferior conj	-4374 Oct 19 j 18:45	24° \approx 18'21	1°07'43	transit middle	-4373 Oct 04 j 00:46	7° \approx 58'46	0°15'03
minimum elong	-4374 Oct 19 j 17:13	24° \approx 23'34	1°07'08	transit begin	-4373 Oct 03 j 23:42	8° \approx 02'26	
min. Earth dist.	-4374 Oct 20 j 04:25	23° \approx 45'10	0.67146 AU	transit end	-4373 Oct 04 j 01:49	7° \approx 55'07	
morning rise	-4374 Oct 25 j 00:22	18° \approx 02'43		min. Earth dist.	-4373 Oct 04 j 00:23	8° \approx 00'06	0.67399 AU
direct	-4374 Oct 30 j 04:16	15° \approx 50'16		morning rise	-4373 Oct 09 j 07:39	1° \approx 43'35	
morning max el	-4374 Nov 09 j 19:44	22° \approx 11'50	23°44'04		-4373 Oct 12 j 16:12	30° \approx 8'02	
	-4374 Nov 16 j 14:44	0° \approx		direct	-4373 Oct 13 j 20:48	29° \approx 02'52'44	
desc. node	-4374 Nov 28 j 04:35	15° \approx 53'40			-4373 Oct 15 j 02:13	0° \approx	
	-4374 Dec 07 j 10:17	0° \approx		morning max el	-4373 Oct 23 j 07:36	5° \approx 30'05	22°18'13
morning set	-4374 Dec 15 j 03:12	12° \approx 39'20			-4373 Nov 10 j 23:45	0° \approx	
max. Earth dist.	-4374 Dec 19 j 04:55	19° \approx 42'05	1.38878 AU	desc. node	-4373 Nov 15 j 01:31	6° \approx 04'43	
	-4374 Dec 24 j 21:34	0° \approx		morning set	-4373 Nov 25 j 10:34	22° \approx 17'51	
					-4373 Nov 30 j 03:04	0° \approx	
superior conj	-4374 Dec 26 j 14:24	3° \approx 10'44	-1°52'33	max. Earth dist.	-4373 Dec 01 j 03:16	1° \approx 41'26	1.40938 AU
minimum elong	-4374 Dec 26 j 15:38	3° \approx 16'32	1°52'43				
evening rise	-4373 Jan 04 j 15:29	20° \approx 13'740		superior conj	-4373 Dec 08 j 21:10	15° \approx 07'05	-1°52'32
	-4373 Jan 09 j 13:08	0° \approx		minimum elong	-4373 Dec 08 j 19:30	14° \approx 59'40	1°52'38

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4373 Dec 17 j 00:12	0°♊		morning set	-4372 Nov 03 j 16:56	0°♊48'16	
evening rise	-4373 Dec 19 j 01:32	3°♊50'38		max. Earth dist.	-4372 Nov 12 j 08:21	14°♊34'08	1.42753 AU
asc. node	-4373 Dec 30 j 06:17	23°♊30'27					
	-4372 Jan 04 j 10:53	0°♋		superior conj	-4372 Nov 19 j 04:03	25°♊52'46	-1°38'50
evening max el	-4372 Jan 04 j 08:31	29°♊54'16	18°16'41	minimum elong	-4372 Nov 18 j 22:47	25°♊30'31	1°38'31
retrograde	-4372 Jan 11 j 11:47	3°♋28'16			-4372 Nov 21 j 14:07	0°♌	
evening set	-4372 Jan 14 j 01:48	3°♋01'15		evening rise	-4372 Nov 30 j 21:36	16°♌21'23	
	-4372 Jan 19 j 02:36	30°♌♊			-4372 Dec 08 j 15:34	0°♊	
inferior conj	-4372 Jan 21 j 03:39	28°♊17'04	4°01'56	asc. node	-4372 Dec 16 j 03:22	11°♊09'46	
minimum elong	-4372 Jan 21 j 04:37	28°♊14'56	4°01'41	evening max el	-4372 Dec 17 j 19:29	12°♊59'58	18°07'55
min. Earth dist.	-4372 Jan 24 j 11:10	25°♊26'07	0.59887 AU	retrograde	-4372 Dec 24 j 11:27	16°♊28'24	
morning rise	-4372 Jan 28 j 05:44	22°♊43'38		evening set	-4372 Dec 27 j 04:15	15°♊53'58	
direct	-4372 Feb 03 j 20:26	20°♊45'05		inferior conj	-4371 Jan 02 j 17:46	10°♊48'28	4°00'42
desc. node	-4372 Feb 11 j 01:03	22°♊53'27		minimum elong	-4371 Jan 02 j 16:19	10°♊52'04	4°00'24
morning max el	-4372 Feb 18 j 01:01	28°♊21'45	27°09'29	min. Earth dist.	-4371 Jan 05 j 15:38	7°♊56'12	0.61853 AU
	-4372 Feb 19 j 15:51	0°♋		morning rise	-4371 Jan 09 j 03:18	5°♊00'06	
	-4372 Mar 11 j 08:44	0°♌		direct	-4371 Jan 16 j 04:05	2°♊29'43	
morning set	-4372 Mar 19 j 22:10	16°♌40'11		desc. node	-4371 Jan 27 j 22:08	8°♊07'41	
	-4372 Mar 26 j 03:33	0°♍		morning max el	-4371 Jan 30 j 04:08	10°♊12'35	27°40'16
max. Earth dist.	-4372 Mar 26 j 14:33	1°♍00'03	1.32588 AU		-4371 Feb 14 j 15:42	0°♋	
					-4371 Mar 03 j 11:57	0°♌	
superior conj	-4372 Mar 27 j 00:38	1°♍55'13	-0°02'13	morning set	-4371 Mar 04 j 03:24	1°♌18'31	
minimum elong	-4372 Mar 27 j 00:44	1°♍55'46	0°02'19	max. Earth dist.	-4371 Mar 10 j 01:57	13°♌49'39	1.32788 AU
behind sun begin	-4372 Mar 26 j 19:46	1°♍28'36					
behind sun end	-4372 Mar 27 j 05:42	2°♍22'56		superior conj	-4371 Mar 11 j 11:20	16°♌50'35	-0°27'12
asc. node	-4372 Mar 27 j 05:43	2°♍23'02		minimum elong	-4371 Mar 11 j 12:33	16°♌57'11	0°27'06
evening rise	-4372 Apr 03 j 00:04	16°♍59'21		asc. node	-4371 Mar 14 j 02:42	22°♌35'13	
	-4372 Apr 09 j 12:33	0°♎			-4371 Mar 17 j 13:14	0°♍	
	-4372 Apr 29 j 22:37	0°♏		evening rise	-4371 Mar 18 j 11:24	1°♍57'24	
evening max el	-4372 May 01 j 04:24	1°♏13'42	25°56'16		-4371 Apr 02 j 21:58	0°♎	
desc. node	-4372 May 08 j 23:39	6°♏55'58		evening max el	-4371 Apr 12 j 21:34	12°♎12'08	24°33'29
retrograde	-4372 May 15 j 06:28	8°♏29'19		desc. node	-4371 Apr 25 j 20:49	19°♎12'31	
evening set	-4372 May 21 j 04:08	7°♏04'40		retrograde	-4371 Apr 26 j 20:17	19°♎14'44	
min. Earth dist.	-4372 May 25 j 16:55	4°♏20'31	0.58781 AU	evening set	-4371 May 01 j 11:29	18°♎26'09	
inferior conj	-4372 May 29 j 01:05	1°♏52'00	-4°07'48	min. Earth dist.	-4371 May 07 j 09:36	15°♎26'07	0.56939 AU
minimum elong	-4372 May 28 j 22:36	1°♏56'38	4°07'29	inferior conj	-4371 May 10 j 04:12	13°♎38'39	-3°25'41
	-4372 May 31 j 15:34	30°♎♏		minimum elong	-4371 May 09 j 22:48	13°♎47'26	3°24'32
morning rise	-4372 Jun 05 j 19:41	27°♎26'21		morning rise	-4371 May 18 j 13:18	9°♎31'43	
direct	-4372 Jun 08 j 07:44	27°♎05'29		direct	-4371 May 21 j 00:21	9°♎14'55	
	-4372 Jun 15 j 07:31	0°♏		morning max el	-4371 May 30 j 07:20	13°♎34'06	19°24'55
morning max el	-4372 Jun 16 j 07:06	0°♏52'20	18°35'22	asc. node	-4371 Jun 10 j 02:25	28°♎41'36	
asc. node	-4372 Jun 23 j 05:24	9°♏49'14			-4371 Jun 10 j 19:46	0°♏	
morning set	-4372 Jul 02 j 13:32	26°♏44'28		morning set	-4371 Jun 16 j 12:34	10°♏58'38	
	-4372 Jul 04 j 05:59	0°♐					
				superior conj	-4371 Jun 24 j 17:19	27°♏18'37	1°45'35
superior conj	-4372 Jul 11 j 12:40	13°♐54'28	1°49'18	minimum elong	-4371 Jun 24 j 15:42	27°♏10'46	1°45'41
minimum elong	-4372 Jul 11 j 12:55	13°♐55'38	1°49'29		-4371 Jun 26 j 02:30	0°♐	
max. Earth dist.	-4372 Jul 18 j 17:19	26°♐56'11	1.39689 AU	max. Earth dist.	-4371 Jun 30 j 18:58	8°♐51'47	1.37764 AU
	-4372 Jul 20 j 11:37	0°♑		evening rise	-4371 Jul 04 j 15:37	15°♐51'01	
evening rise	-4372 Jul 22 j 22:55	4°♑12'43			-4371 Jul 13 j 00:04	0°♑	
desc. node	-4372 Aug 04 j 22:34	24°♑52'08		desc. node	-4371 Jul 22 j 19:36	15°♑03'54	
	-4372 Aug 08 j 09:52	0°♒			-4371 Aug 02 j 22:24	0°♒	
evening max el	-4372 Aug 27 j 01:31	23°♒49'53	23°48'46	evening max el	-4371 Aug 09 j 12:12	7°♒18'58	25°06'46
	-4372 Sep 05 j 06:27	0°♓		retrograde	-4371 Aug 21 j 07:11	14°♒10'35	
retrograde	-4372 Sep 06 j 19:16	0°♓10'06		evening set	-4371 Aug 27 j 02:55	11°♒40'47	
	-4372 Sep 08 j 06:47	30°♓♒		min. Earth dist.	-4371 Aug 31 j 14:20	6°♒35'33	0.66984 AU
evening set	-4372 Sep 12 j 00:02	27°♒58'21		inferior conj	-4371 Sep 01 j 12:14	5°♒23'29	-1°30'51
inferior conj	-4372 Sep 17 j 07:31	21°♒39'46	-0°38'18	minimum elong	-4371 Sep 01 j 14:19	5°♒16'36	1°29'52
minimum elong	-4372 Sep 17 j 08:24	21°♒36'44	0°37'47	asc. node	-4371 Sep 06 j 01:41	0°♒08'17	
min. Earth dist.	-4372 Sep 16 j 20:28	22°♒17'24	0.67348 AU		-4371 Sep 06 j 05:35	30°♓♑	
asc. node	-4372 Sep 19 j 04:34	19°♒09'56		morning rise	-4371 Sep 07 j 01:46	29°♑21'43	
morning rise	-4372 Sep 22 j 16:44	15°♒30'25		direct	-4371 Sep 10 j 14:22	28°♑09'44	
direct	-4372 Sep 26 j 16:35	14°♒00'16			-4371 Sep 15 j 06:51	0°♒	
morning max el	-4372 Oct 05 j 01:31	18°♒55'50	20°58'39	morning max el	-4371 Sep 18 j 02:36	2°♒30'10	19°50'29
	-4372 Oct 14 j 00:31	0°♓			-4371 Oct 07 j 18:47	0°♓	
desc. node	-4372 Oct 31 j 22:27	26°♓30'10		morning set	-4371 Oct 13 j 15:45	9°♓04'03	
	-4372 Nov 03 j 04:33	0°♔		desc. node	-4371 Oct 18 j 19:22	17°♓05'28	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

max. Earth dist.	-4371 Oct 25 j 20:05	28° \mathbb{M} 10'48	1.44079 AU	superior conj	-4370 Oct 09 j 12:17	13° \mathbb{M} 49'27	-0°24'05
	-4371 Oct 26 j 23:29	0° \mathfrak{A}		minimum elong	-4370 Oct 09 j 09:10	13° \mathbb{M} 37'08	0°23'37
					-4370 Oct 19 j 16:41	0° \mathfrak{A}	
superior conj	-4371 Oct 30 j 07:26	5° \mathfrak{A} 21'08	-1°08'41	evening rise	-4370 Oct 25 j 01:34	8° \mathfrak{A} 38'58	
minimum elong	-4371 Oct 30 j 00:38	4° \mathfrak{A} 53'40	1°07'57		-4370 Nov 07 j 10:35	0° \mathbb{M}	
evening rise	-4371 Nov 12 j 23:09	28° \mathfrak{A} 00'35		evening max el	-4370 Nov 14 j 20:01	9° \mathbb{M} 42'36	18°46'34
	-4371 Nov 14 j 03:16	0° \mathbb{M}		asc. node	-4370 Nov 19 j 21:37	13° \mathbb{M} 15'16	
evening max el	-4371 Dec 01 j 08:11	26° \mathbb{M} 17'48	18°18'13	retrograde	-4370 Nov 21 j 14:21	13° \mathbb{M} 31'15	
asc. node	-4371 Dec 03 j 00:29	27° \mathbb{M} 49'44		evening set	-4370 Nov 24 j 16:18	12° \mathbb{M} 37'20	
retrograde	-4371 Dec 07 j 21:35	29° \mathbb{M} 51'38		inferior conj	-4370 Nov 30 j 12:26	6° \mathbb{M} 55'19	3°06'51
evening set	-4371 Dec 10 j 18:09	29° \mathbb{M} 08'26		minimum elong	-4370 Nov 30 j 09:13	7° \mathbb{M} 05'02	3°05'53
inferior conj	-4371 Dec 16 j 21:54	23° \mathbb{M} 43'27	3°40'15	min. Earth dist.	-4370 Dec 02 j 05:44	4° \mathbb{M} 50'19	0.65059 AU
minimum elong	-4371 Dec 16 j 19:04	23° \mathbb{M} 51'16	3°39'35	morning rise	-4370 Dec 06 j 01:46	0° \mathbb{M} 48'32	
min. Earth dist.	-4371 Dec 19 j 05:49	21° \mathbb{M} 08'48	0.63618 AU		-4370 Dec 07 j 02:10	30° \mathbb{R} \mathfrak{A}	
morning rise	-4371 Dec 22 j 19:22	17° \mathbb{M} 44'24		direct	-4370 Dec 12 j 18:12	27° \mathfrak{A} 57'54	
direct	-4371 Dec 29 j 19:49	14° \mathbb{M} 56'18			-4370 Dec 19 j 01:28	0° \mathbb{M}	
morning max el	-4370 Jan 12 j 11:46	22° \mathbb{M} 39'56	27°34'41	morning max el	-4370 Dec 25 j 21:15	5° \mathbb{M} 33'33	26°56'30
desc. node	-4370 Jan 14 j 19:12	25° \mathbb{M} 03'42		desc. node	-4369 Jan 01 j 16:12	13° \mathbb{M} 12'10	
	-4370 Jan 19 j 01:00	0° \mathfrak{A}			-4369 Jan 13 j 16:53	0° \mathfrak{A}	
	-4370 Feb 07 j 19:50	0° \mathfrak{Z}		morning set	-4369 Jan 30 j 14:12	29° \mathfrak{A} 10'37	
morning set	-4370 Feb 16 j 01:49	15° \mathfrak{Z} 32'01			-4369 Jan 31 j 00:27	0° \mathfrak{Z}	
max. Earth dist.	-4370 Feb 21 j 07:02	26° \mathfrak{Z} 13'45	1.33376 AU	max. Earth dist.	-4369 Feb 04 j 02:19	8° \mathfrak{Z} 03'53	1.34397 AU
	-4370 Feb 23 j 01:46	0° \mathfrak{A}					
				superior conj	-4369 Feb 07 j 22:15	15° \mathfrak{Z} 56'28	-1°14'16
superior conj	-4370 Feb 23 j 19:12	1° \mathfrak{A} 33'04	-0°51'37	minimum elong	-4369 Feb 08 j 01:10	16° \mathfrak{Z} 11'41	1°14'01
minimum elong	-4370 Feb 23 j 21:25	1° \mathfrak{A} 44'55	0°51'22		-4369 Feb 14 j 14:40	0° \mathfrak{A}	
asc. node	-4370 Feb 28 j 23:42	12° \mathfrak{A} 41'04		evening rise	-4369 Feb 15 j 08:47	1° \mathfrak{A} 34'23	
evening rise	-4370 Mar 02 j 22:52	16° \mathfrak{A} 50'55		asc. node	-4369 Feb 15 j 20:43	2° \mathfrak{A} 36'13	
	-4370 Mar 09 j 13:05	0° \mathfrak{H}			-4369 Mar 03 j 22:32	0° \mathfrak{H}	
evening max el	-4370 Mar 25 j 13:57	22° \mathfrak{H} 55'19	22°59'51	evening max el	-4369 Mar 07 j 11:40	3° \mathfrak{H} 50'17	21°28'52
retrograde	-4370 Apr 07 j 21:23	29° \mathfrak{H} 27'57		retrograde	-4369 Mar 19 j 12:02	9° \mathfrak{H} 36'04	
evening set	-4370 Apr 11 j 05:48	29° \mathfrak{H} 03'24		evening set	-4369 Mar 22 j 01:24	9° \mathfrak{H} 21'16	
desc. node	-4370 Apr 12 j 18:00	28° \mathfrak{H} 37'15		desc. node	-4369 Mar 30 j 15:09	5° \mathfrak{H} 45'04	
min. Earth dist.	-4370 Apr 19 j 00:20	25° \mathfrak{H} 36'00	0.55641 AU	inferior conj	-4369 Mar 31 j 08:30	5° \mathfrak{H} 20'41	-0°12'00
inferior conj	-4370 Apr 20 j 12:13	24° \mathfrak{H} 43'48	-2°03'47	minimum elong	-4369 Mar 31 j 07:56	5° \mathfrak{H} 21'28	0°11'54
minimum elong	-4370 Apr 20 j 07:09	24° \mathfrak{H} 51'11	2°02'16	transit middle	-4369 Mar 31 j 07:56	5° \mathfrak{H} 21'28	0°11'54
morning rise	-4370 Apr 29 j 10:50	20° \mathfrak{H} 46'04		transit begin	-4369 Mar 31 j 05:13	5° \mathfrak{H} 25'17	
direct	-4370 May 01 j 22:59	20° \mathfrak{H} 31'02		transit end	-4369 Mar 31 j 10:38	5° \mathfrak{H} 17'40	
morning max el	-4370 May 12 j 21:25	25° \mathfrak{H} 37'11	20°34'30	min. Earth dist.	-4369 Mar 31 j 14:25	5° \mathfrak{H} 12'20	0.55178 AU
	-4370 May 16 j 21:35	0° \mathfrak{Y}		morning rise	-4369 Apr 09 j 14:34	1° \mathfrak{H} 16'40	
asc. node	-4370 May 27 j 23:25	18° \mathfrak{Y} 02'57		direct	-4369 Apr 12 j 11:49	0° \mathfrak{H} 58'20	
morning set	-4370 May 31 j 17:59	25° \mathfrak{Y} 34'37		morning max el	-4369 Apr 25 j 00:26	6° \mathfrak{H} 57'34	22°01'40
	-4370 Jun 02 j 21:40	0° \mathfrak{B}			-4369 May 10 j 22:11	0° \mathfrak{Y}	
				asc. node	-4369 May 14 j 20:24	7° \mathfrak{Y} 45'39	
superior conj	-4370 Jun 08 j 09:58	11° \mathfrak{B} 20'41	1°34'40	morning set	-4369 May 16 j 03:31	10° \mathfrak{Y} 25'49	
minimum elong	-4370 Jun 08 j 07:26	11° \mathfrak{B} 07'49	1°34'33				
max. Earth dist.	-4370 Jun 13 j 01:35	20° \mathfrak{B} 37'11	1.36041 AU	superior conj	-4369 May 23 j 10:58	25° \mathfrak{Y} 49'42	1°18'31
evening rise	-4370 Jun 17 j 05:53	28° \mathfrak{B} 34'46		minimum elong	-4369 May 23 j 08:17	25° \mathfrak{Y} 35'35	1°18'13
	-4370 Jun 18 j 00:19	0° \mathbb{I}			-4369 May 25 j 11:01	0° \mathfrak{B}	
	-4370 Jul 06 j 05:57	0° \mathfrak{E}		max. Earth dist.	-4369 May 26 j 17:48	2° \mathfrak{B} 38'15	1.34647 AU
desc. node	-4370 Jul 09 j 16:40	4° \mathfrak{E} 53'21		evening rise	-4369 May 31 j 12:18	12° \mathfrak{B} 08'34	
evening max el	-4370 Jul 22 j 23:05	20° \mathfrak{E} 49'52	26°14'02		-4369 Jun 10 j 08:43	0° \mathbb{I}	
retrograde	-4370 Aug 04 j 14:25	28° \mathfrak{E} 01'48		desc. node	-4369 Jun 26 j 13:44	24° \mathbb{I} 10'43	
evening set	-4370 Aug 11 j 00:18	25° \mathfrak{E} 18'45			-4369 Jul 01 j 09:23	0° \mathfrak{E}	
min. Earth dist.	-4370 Aug 15 j 03:32	20° \mathfrak{E} 51'27	0.66281 AU	evening max el	-4369 Jul 05 j 10:33	4° \mathfrak{E} 15'13	27°02'21
inferior conj	-4370 Aug 16 j 13:23	19° \mathfrak{E} 06'05	-2°20'51	retrograde	-4369 Jul 18 j 16:16	11° \mathfrak{E} 36'47	
minimum elong	-4370 Aug 16 j 16:29	18° \mathfrak{E} 56'28	2°19'35	evening set	-4369 Jul 25 j 13:38	8° \mathfrak{E} 48'46	
morning rise	-4370 Aug 22 j 08:50	13° \mathfrak{E} 15'07		min. Earth dist.	-4369 Jul 29 j 09:39	4° \mathfrak{E} 59'37	0.65213 AU
asc. node	-4370 Aug 23 j 22:47	12° \mathfrak{E} 32'12		inferior conj	-4369 Jul 31 j 08:50	2° \mathfrak{E} 43'47	-3°06'08
direct	-4370 Aug 25 j 12:33	12° \mathfrak{E} 18'01		minimum elong	-4369 Jul 31 j 12:30	2° \mathfrak{E} 33'14	3°04'54
morning max el	-4370 Sep 01 j 10:13	16° \mathfrak{E} 11'34	18°56'52		-4369 Aug 02 j 20:18	30° \mathbb{R} \mathbb{I}	
	-4370 Sep 11 j 16:43	0° \mathfrak{Q}		morning rise	-4369 Aug 06 j 11:46	27° \mathbb{I} 06'57	
morning set	-4370 Sep 23 j 05:52	18° \mathfrak{Q} 08'52		direct	-4369 Aug 09 j 08:54	26° \mathbb{I} 21'40	
	-4370 Sep 30 j 17:47	0° \mathbb{M}		asc. node	-4369 Aug 10 j 19:53	26° \mathbb{I} 33'11	
desc. node	-4370 Oct 05 j 16:17	7° \mathbb{M} 46'50			-4369 Aug 15 j 23:53	0° \mathfrak{E}	
max. Earth dist.	-4370 Oct 08 j 12:36	12° \mathbb{M} 15'59	1.44753 AU	morning max el	-4369 Aug 15 j 22:33	29° \mathbb{I} 56'37	18°19'35
				morning set	-4369 Sep 03 j 22:35	28° \mathfrak{E} 31'25	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4369 Sep 04 j 20:05	0°♌		superior conj	-4368 Aug 28 j 07:20	1°♌25'13	1°06'43
				minimum elong	-4368 Aug 28 j 13:12	1°♌49'18	1°06'15
superior conj	-4369 Sep 18 j 12:55	22°♌09'48	0°25'13	max. Earth dist.	-4368 Sep 02 j 23:26	10°♌36'49	1.43943 AU
minimum elong	-4369 Sep 18 j 16:03	22°♌22'14	0°24'57	desc. node	-4368 Sep 08 j 10:07	19°♌14'27	
max. Earth dist.	-4369 Sep 21 j 06:51	26°♌30'58	1.44703 AU	evening rise	-4368 Sep 13 j 09:53	27°♌00'42	
desc. node	-4369 Sep 22 j 13:11	28°♌30'40			-4368 Sep 15 j 08:25	0°♍	
	-4369 Sep 23 j 11:52	0°♍			-4368 Oct 05 j 18:43	0°♎	
evening rise	-4369 Oct 05 j 02:56	18°♍12'56		evening max el	-4368 Oct 11 j 07:29	6°♎35'23	20°31'22
	-4369 Oct 12 j 16:27	0°♎		retrograde	-4368 Oct 19 j 07:50	11°♎18'49	
greatest brilliancy	-4369 Oct 16 j 08:45	5°♎39'58	-0.7m	evening set	-4368 Oct 23 j 02:42	9°♎56'08	
evening max el	-4369 Oct 29 j 04:25	23°♎09'09	19°31'37	asc. node	-4368 Oct 23 j 15:52	9°♎30'23	
retrograde	-4369 Nov 05 j 10:34	27°♎21'18		inferior conj	-4368 Oct 28 j 13:05	3°♎49'12	1°36'58
asc. node	-4369 Nov 06 j 18:44	27°♎10'54		minimum elong	-4368 Oct 28 j 10:59	3°♎56'19	1°36'10
evening set	-4369 Nov 08 j 19:54	26°♎14'16		min. Earth dist.	-4368 Oct 29 j 04:57	2°♎55'35	0.66873 AU
inferior conj	-4369 Nov 14 j 10:18	20°♎18'09	2°24'46		-4368 Oct 31 j 11:26	30°♏	
minimum elong	-4369 Nov 14 j 07:25	20°♎27'30	2°23'45	morning rise	-4368 Nov 02 j 19:05	27°♏33'59	
min. Earth dist.	-4369 Nov 15 j 14:06	18°♎48'13	0.66138 AU	direct	-4368 Nov 08 j 07:39	25°♏10'08	
morning rise	-4369 Nov 19 j 18:41	14°♎05'57			-4368 Nov 17 j 15:23	0°♐	
direct	-4369 Nov 25 j 22:16	11°♎24'55		morning max el	-4368 Nov 19 j 15:23	1°♐54'46	24°33'20
morning max el	-4369 Dec 08 j 06:34	18°♎41'08	25°53'01	desc. node	-4368 Dec 05 j 10:07	21°♐45'33	
	-4369 Dec 17 j 21:51	0°♑			-4368 Dec 11 j 00:13	0°♑	
desc. node	-4369 Dec 19 j 13:11	2°♑10'59		morning set	-4368 Dec 25 j 14:17	23°♑47'19	
	-4368 Jan 06 j 17:26	0°♒			-4368 Dec 29 j 01:58	0°♒	
morning set	-4368 Jan 13 j 12:13	12°♒00'49		max. Earth dist.	-4368 Dec 29 j 08:44	0°♒30'45	1.37711 AU
max. Earth dist.	-4368 Jan 17 j 10:07	19°♒22'31	1.35863 AU				
				superior conj	-4367 Jan 05 j 02:49	13°♒11'31	-1°47'50
superior conj	-4368 Jan 22 j 17:53	29°♒52'24	-1°33'41	minimum elong	-4367 Jan 05 j 05:04	13°♒22'27	1°47'55
minimum elong	-4368 Jan 22 j 20:56	0°♓07'48	1°33'34	evening rise	-4367 Jan 13 j 15:57	0°♓05'08	
	-4368 Jan 22 j 19:23	0°♓			-4367 Jan 13 j 14:55	0°♓	
evening rise	-4368 Jan 30 j 15:12	16°♓01'14		asc. node	-4367 Jan 19 j 14:48	11°♓32'15	
asc. node	-4368 Feb 02 j 17:45	22°♓15'18		evening max el	-4367 Jan 30 j 12:31	27°♓16'33	19°10'43
	-4368 Feb 06 j 20:28	0°♔			-4367 Feb 03 j 02:09	0°♔	
evening max el	-4368 Feb 17 j 18:52	15°♔15'26	20°10'43	retrograde	-4367 Feb 08 j 07:27	1°♔28'19	
retrograde	-4368 Feb 28 j 03:19	20°♔10'02		evening set	-4367 Feb 10 j 16:43	1°♔11'07	
evening set	-4368 Mar 01 j 11:10	19°♔56'14			-4367 Feb 13 j 21:18	30°♕	
inferior conj	-4368 Mar 10 j 06:38	15°♔56'48	1°40'20	inferior conj	-4367 Feb 18 j 19:23	26°♕59'05	3°04'26
minimum elong	-4368 Mar 10 j 10:42	15°♔50'42	1°38'53	minimum elong	-4367 Feb 19 j 00:17	26°♕50'41	3°03'09
min. Earth dist.	-4368 Mar 12 j 04:23	14°♔48'21	0.55644 AU	min. Earth dist.	-4367 Feb 21 j 19:23	24°♕56'42	0.56924 AU
desc. node	-4368 Mar 16 j 12:17	12°♔31'05		morning rise	-4367 Feb 27 j 05:13	22°♕02'03	
morning rise	-4368 Mar 19 j 08:23	11°♔30'01		desc. node	-4367 Mar 03 j 09:25	21°♕05'22	
direct	-4368 Mar 23 j 02:53	10°♔58'52		direct	-4367 Mar 04 j 05:17	21°♕03'45	
morning max el	-4368 Apr 05 j 18:42	17°♔44'12	23°39'37	morning max el	-4367 Mar 18 j 09:42	28°♕19'55	25°16'07
	-4368 Apr 15 j 17:25	0°♖			-4367 Mar 20 j 01:30	0°♖	
morning set	-4368 Apr 29 j 15:15	25°♖26'11			-4367 Apr 08 j 22:57	0°♖	
asc. node	-4368 Apr 30 j 17:23	27°♖43'43		morning set	-4367 Apr 14 j 03:28	10°♖28'58	
	-4368 May 01 j 19:01	0°♗		asc. node	-4367 Apr 17 j 14:20	17°♖51'31	
superior conj	-4368 May 06 j 17:36	10°♗37'11	0°58'39	superior conj	-4367 Apr 21 j 03:37	25°♖35'10	0°36'12
minimum elong	-4368 May 06 j 15:18	10°♗24'50	0°58'16	minimum elong	-4367 Apr 21 j 02:05	25°♖26'50	0°35'51
max. Earth dist.	-4368 May 08 j 19:46	15°♗04'48	1.33616 AU	max. Earth dist.	-4367 Apr 22 j 04:54	27°♖52'33	1.32945 AU
evening rise	-4368 May 14 j 06:18	26°♗18'44			-4367 Apr 23 j 04:28	0°♘	
	-4368 May 16 j 03:05	0°♘		evening rise	-4367 Apr 28 j 08:19	10°♗53'24	
	-4368 Jun 02 j 17:33	0°♙			-4367 May 08 j 09:34	0°♘	
desc. node	-4368 Jun 12 j 10:50	12°♙42'35		evening max el	-4367 May 30 j 04:36	0°♙00'51	27°15'36
evening max el	-4368 Jun 16 j 21:12	17°♙23'24	27°24'34	desc. node	-4367 May 30 j 07:58	0°♙08'53	
retrograde	-4368 Jun 30 j 12:26	24°♙47'47			-4367 May 30 j 04:15	0°♙	
evening set	-4368 Jul 07 j 15:52	22°♙06'24		retrograde	-4367 Jun 13 j 02:17	7°♙24'33	
min. Earth dist.	-4368 Jul 11 j 06:43	18°♙51'37	0.63759 AU	evening set	-4367 Jun 20 j 03:07	5°♙03'59	
inferior conj	-4368 Jul 13 j 20:04	16°♙11'49	-3°43'46	min. Earth dist.	-4367 Jun 23 j 17:54	2°♙13'28	0.61958 AU
minimum elong	-4368 Jul 13 j 23:33	16°♙02'41	3°42'53		-4367 Jun 26 j 03:48	30°♚	
morning rise	-4368 Jul 20 j 08:02	10°♙52'24		inferior conj	-4367 Jun 26 j 19:55	29°♚22'21	-4°09'20
direct	-4368 Jul 23 j 00:42	10°♙16'13		minimum elong	-4367 Jun 26 j 22:07	29°♚17'15	4°08'57
asc. node	-4368 Jul 27 j 16:56	12°♙04'21		morning rise	-4367 Jul 03 j 18:32	24°♚22'58	
morning max el	-4368 Jul 29 j 13:15	13°♙41'23	17°59'49	direct	-4367 Jul 06 j 08:27	23°♚53'55	
	-4368 Aug 09 j 19:50	0°♛		morning max el	-4367 Jul 13 j 03:32	27°♚18'45	17°58'21
morning set	-4368 Aug 15 j 17:14	10°♛08'19		asc. node	-4367 Jul 14 j 13:58	28°♚50'03	
	-4368 Aug 27 j 10:37	0°♜			-4367 Jul 15 j 13:22	0°♜	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning set	-4367 Jul 29 j 08:34	22° Π 44'15		morning set	-4366 Jul 12 j 15:24	6° Π 06'13	
	-4367 Aug 02 j 09:06	0° \mathfrak{C}					
superior conj	-4367 Aug 09 j 05:05	12° \mathfrak{C} 01'54	1°34'01	superior conj	-4366 Jul 22 j 04:28	23° Π 55'08	1°47'09
minimum elong	-4367 Aug 09 j 09:34	12° \mathfrak{C} 21'15	1°33'52	minimum elong	-4366 Jul 22 j 06:11	24° Π 02'56	1°47'18
max. Earth dist.	-4367 Aug 16 j 10:57	24° \mathfrak{C} 13'03	1.42577 AU	max. Earth dist.	-4366 Jul 25 j 13:56	0° \mathfrak{C}	
	-4367 Aug 20 j 00:24	0° \mathcal{Q}		evening rise	-4366 Jul 29 j 16:26	7° \mathfrak{C} 07'31	1.40800 AU
evening rise	-4367 Aug 23 j 15:47	5° \mathcal{Q} 47'21			-4366 Aug 03 j 15:40	15° \mathfrak{C} 25'44	
desc. node	-4367 Aug 26 j 07:05	9° \mathcal{Q} 54'37		desc. node	-4366 Aug 12 j 20:52	0° \mathcal{Q}	
	-4367 Sep 08 j 16:45	0° \mathfrak{M}			-4366 Aug 13 j 04:05	0° \mathcal{Q} 27'29	
evening max el	-4367 Sep 24 j 04:16	20° \mathfrak{M} 00'27	21°43'05	evening max el	-4366 Sep 03 j 15:19	0° \mathfrak{M}	
retrograde	-4367 Oct 03 j 04:09	25° \mathfrak{M} 21'02			-4366 Sep 06 j 19:28	3° \mathfrak{M} 25'47	23°02'19
evening set	-4367 Oct 07 j 10:42	23° \mathfrak{M} 40'23		retrograde	-4366 Sep 16 j 21:56	9° \mathfrak{M} 25'03	
asc. node	-4367 Oct 10 j 12:59	20° \mathfrak{M} 25'59		evening set	-4366 Sep 21 j 18:07	7° \mathfrak{M} 24'55	
inferior conj	-4367 Oct 12 j 18:43	17° \mathfrak{M} 26'13	0°45'38	inferior conj	-4366 Sep 27 j 01:20	1° \mathfrak{M} 07'04	-0°07'30
minimum elong	-4367 Oct 12 j 17:40	17° \mathfrak{M} 29'49	0°45'15	minimum elong	-4366 Sep 27 j 01:30	1° \mathfrak{M} 06'29	0°07'19
min. Earth dist.	-4367 Oct 12 j 23:52	17° \mathfrak{M} 08'26	0.67289 AU	transit middle	-4366 Sep 27 j 01:30	1° \mathfrak{M} 06'29	0°07'19
morning rise	-4367 Oct 18 j 00:29	11° \mathfrak{M} 10'44		transit begin	-4366 Sep 26 j 23:05	1° \mathfrak{M} 14'48	
direct	-4367 Oct 22 j 21:52	9° \mathfrak{M} 07'36		transit end	-4366 Sep 27 j 03:55	0° \mathfrak{M} 58'09	
morning max el	-4367 Nov 02 j 01:20	15° \mathfrak{M} 11'09	23°07'10	min. Earth dist.	-4366 Sep 26 j 20:18	1° \mathfrak{M} 24'23	0.67409 AU
	-4367 Nov 14 j 02:21	0° \mathfrak{L}		asc. node	-4366 Sep 27 j 10:07	0° \mathfrak{M} 36'52	
desc. node	-4367 Nov 22 j 07:04	11° \mathfrak{L} 45'38			-4366 Sep 27 j 20:53	30° \mathfrak{R} \mathcal{Q}	
	-4367 Dec 04 j 00:18	0° \mathfrak{M}		morning rise	-4366 Oct 02 j 08:46	24° \mathcal{Q} 54'24	
morning set	-4367 Dec 06 j 14:25	4° \mathfrak{M} 15'21		direct	-4366 Oct 06 j 16:03	23° \mathcal{Q} 12'27	
max. Earth dist.	-4367 Dec 11 j 04:38	12° \mathfrak{M} 01'50	1.39762 AU	morning max el	-4366 Oct 15 j 15:23	28° \mathcal{Q} 31'50	21°43'12
					-4366 Oct 17 j 00:39	0° \mathfrak{M}	
superior conj	-4367 Dec 18 j 20:43	25° \mathfrak{M} 42'29	-1°53'59		-4366 Nov 07 j 19:33	0° \mathfrak{L}	
minimum elong	-4367 Dec 18 j 20:53	25° \mathfrak{M} 43'15	1°54'09	desc. node	-4366 Nov 09 j 03:59	2° \mathfrak{L} 03'24	
	-4367 Dec 21 j 04:12	0° \mathfrak{X}		morning set	-4366 Nov 16 j 10:00	13° \mathfrak{L} 21'03	
evening rise	-4367 Dec 28 j 08:21	13° \mathfrak{X} 39'21		max. Earth dist.	-4366 Nov 23 j 05:05	24° \mathfrak{L} 22'09	1.41754 AU
asc. node	-4366 Jan 06 j 11:52	0° \mathfrak{Z} 19'36			-4366 Nov 26 j 13:46	0° \mathfrak{M}	
	-4366 Jan 06 j 07:05	0° \mathfrak{Z}		superior conj	-4366 Nov 30 j 18:05	7° \mathfrak{M} 10'54	-1°48'38
evening max el	-4366 Jan 13 j 15:09	9° \mathfrak{Z} 49'57	18°30'41	minimum elong	-4366 Nov 30 j 14:52	6° \mathfrak{M} 56'55	1°48'35
retrograde	-4366 Jan 21 j 05:46	13° \mathfrak{Z} 33'16		evening rise	-4366 Dec 11 j 13:00	26° \mathfrak{M} 35'29	
evening set	-4366 Jan 23 j 18:02	13° \mathfrak{Z} 10'17			-4366 Dec 13 j 09:36	0° \mathfrak{X}	
inferior conj	-4366 Jan 31 j 04:18	8° \mathfrak{Z} 38'54	3°50'41	asc. node	-4366 Dec 24 j 08:58	18° \mathfrak{X} 27'09	
minimum elong	-4366 Jan 31 j 06:58	8° \mathfrak{Z} 33'36	3°50'12	evening max el	-4366 Dec 27 j 23:58	22° \mathfrak{X} 46'29	18°10'35
min. Earth dist.	-4366 Feb 03 j 13:26	5° \mathfrak{Z} 58'48	0.58737 AU	retrograde	-4365 Jan 03 j 21:07	26° \mathfrak{X} 16'15	
morning rise	-4366 Feb 07 j 17:38	3° \mathfrak{Z} 16'27		evening set	-4365 Jan 06 j 12:20	25° \mathfrak{X} 46'10	
direct	-4366 Feb 13 j 21:07	1° \mathfrak{Z} 39'48		inferior conj	-4365 Jan 13 j 08:38	20° \mathfrak{X} 53'05	4°04'12
desc. node	-4366 Feb 18 j 06:31	2° \mathfrak{Z} 27'38		minimum elong	-4365 Jan 13 j 08:28	20° \mathfrak{X} 53'28	4°04'00
morning max el	-4366 Feb 28 j 03:15	9° \mathfrak{Z} 12'13	26°36'02	min. Earth dist.	-4365 Jan 16 j 13:05	17° \mathfrak{X} 58'41	0.60743 AU
	-4366 Mar 15 j 23:04	0° \approx		morning rise	-4365 Jan 20 j 03:11	15° \mathfrak{X} 12'51	
morning set	-4366 Mar 29 j 14:28	25° \approx 28'01		direct	-4365 Jan 26 j 23:48	12° \mathfrak{X} 58'58	
	-4366 Mar 31 j 17:53	0° \mathfrak{H}		desc. node	-4365 Feb 05 j 03:36	16° \mathfrak{X} 26'50	
asc. node	-4366 Apr 04 j 11:20	8° \mathfrak{H} 04'46		morning max el	-4365 Feb 10 j 02:31	20° \mathfrak{X} 38'47	27°26'51
					-4365 Feb 18 j 05:24	0° \mathfrak{Z}	
superior conj	-4366 Apr 05 j 15:15	10° \mathfrak{H} 37'26	0°12'06		-4365 Mar 08 j 18:40	0° \approx	
minimum elong	-4366 Apr 05 j 14:43	10° \mathfrak{H} 34'31	0°11'55	morning set	-4365 Mar 13 j 22:22	10° \approx 15'38	
behind sun begin	-4366 Apr 05 j 11:25	10° \mathfrak{H} 16'30		max. Earth dist.	-4365 Mar 20 j 06:49	23° \approx 48'05	1.32632 AU
behind sun end	-4366 Apr 05 j 18:00	10° \mathfrak{H} 52'32					
max. Earth dist.	-4366 Apr 05 j 17:49	10° \mathfrak{H} 51'29	1.32621 AU	superior conj	-4365 Mar 21 j 02:46	25° \approx 36'49	-0°12'50
evening rise	-4366 Apr 12 j 15:40	25° \mathfrak{H} 43'37		minimum elong	-4365 Mar 21 j 03:20	25° \approx 39'58	0°12'49
	-4366 Apr 14 j 17:33	0° \mathfrak{Y}		behind sun begin	-4365 Mar 21 j 00:23	25° \approx 23'48	
	-4366 May 02 j 04:22	0° \mathfrak{B}		behind sun end	-4365 Mar 21 j 06:18	25° \approx 56'08	
evening max el	-4366 May 12 j 06:45	11° \mathfrak{B} 59'00	26°33'51	asc. node	-4365 Mar 22 j 08:21	28° \approx 18'26	
desc. node	-4366 May 17 j 05:07	16° \mathfrak{B} 02'27			-4365 Mar 23 j 02:57	0° \mathfrak{H}	
retrograde	-4366 May 26 j 08:31	19° \mathfrak{B} 19'02		evening rise	-4365 Mar 28 j 02:05	10° \mathfrak{H} 40'44	
evening set	-4366 Jun 01 j 19:20	17° \mathfrak{B} 32'17			-4365 Apr 07 j 01:47	0° \mathfrak{Y}	
min. Earth dist.	-4366 Jun 05 j 20:04	14° \mathfrak{B} 50'21	0.59943 AU	evening max el	-4365 Apr 24 j 02:53	23° \mathfrak{Y} 16'39	25°23'18
inferior conj	-4366 Jun 09 j 04:56	12° \mathfrak{B} 07'12	-4°16'04	desc. node	-4365 May 04 j 02:16	29° \mathfrak{Y} 48'12	
minimum elong	-4366 Jun 09 j 04:26	12° \mathfrak{B} 08'12	4°15'56		-4365 May 04 j 18:24	0° \mathfrak{B}	
morning rise	-4366 Jun 16 j 15:46	7° \mathfrak{B} 29'12		retrograde	-4365 May 08 j 04:44	0° \mathfrak{B} 27'44	
direct	-4366 Jun 19 j 04:11	7° \mathfrak{B} 05'43			-4365 May 11 j 14:47	30° \mathfrak{R} \mathfrak{Y}	
morning max el	-4366 Jun 26 j 14:33	10° \mathfrak{B} 41'13	18°16'05	evening set	-4365 May 13 j 13:59	29° \mathfrak{Y} 19'42	
asc. node	-4366 Jul 01 j 11:00	16° \mathfrak{B} 35'03		min. Earth dist.	-4365 May 18 j 15:21	26° \mathfrak{Y} 30'08	0.57952 AU
	-4366 Jul 09 j 09:16	0° \mathfrak{I}		inferior conj	-4365 May 21 j 19:35	24° \mathfrak{Y} 17'07	-3°54'40

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4365 May 21 j 15:39	24° Υ 24'02	3°54'03	minimum elong	-4364 May 01 j 08:16	5° Υ 54'10	2°54'12
morning rise	-4365 May 29 j 20:13	19° Υ 59'42		morning rise	-4364 May 10 j 05:16	1° Υ 43'43	
direct	-4365 Jun 01 j 07:45	19° Υ 40'42		direct	-4364 May 12 j 16:34	1° Υ 27'54	
morning max el	-4365 Jun 09 j 19:25	23° Υ 39'52	18°53'55	morning max el	-4364 May 22 j 15:25	6° Υ 05'15	19°52'12
	-4365 Jun 15 j 02:01	0° \mathcal{B}		asc. node	-4364 Jun 04 j 05:03	24° Υ 11'39	
asc. node	-4365 Jun 18 j 08:02	5° \mathcal{B} 06'00			-4364 Jun 07 j 05:44	0° \mathcal{B}	
morning set	-4365 Jun 26 j 09:30	20° \mathcal{B} 03'53		morning set	-4364 Jun 09 j 11:33	4° \mathcal{B} 28'10	
	-4365 Jul 01 j 11:01	0° Π					
superior conj	-4365 Jul 04 j 23:59	6° Π 50'13	1°48'45	superior conj	-4364 Jun 17 j 10:13	20° \mathcal{B} 31'39	1°41'42
minimum elong	-4365 Jul 04 j 23:20	6° Π 47'06	1°48'56	minimum elong	-4364 Jun 17 j 08:06	20° \mathcal{B} 21'11	1°41'43
max. Earth dist.	-4365 Jul 11 j 18:29	19° Π 22'05	1.38858 AU		-4364 Jun 22 j 06:51	0° Π	
evening rise	-4365 Jul 15 j 17:45	26° Π 20'26		max. Earth dist.	-4364 Jun 22 j 21:54	1° Π 11'27	1.36994 AU
	-4365 Jul 17 j 21:19	0° \mathcal{E}		evening rise	-4364 Jun 26 j 20:14	8° Π 27'51	
desc. node	-4365 Jul 31 j 01:06	20° \mathcal{E} 48'39			-4364 Jul 09 j 15:26	0° \mathcal{E}	
	-4365 Aug 06 j 11:00	0° Ω		desc. node	-4364 Jul 16 j 22:08	10° \mathcal{E} 51'51	
evening max el	-4365 Aug 20 j 07:13	16° Ω 53'52	24°22'53		-4364 Aug 01 j 08:05	0° Ω	
retrograde	-4365 Aug 31 j 12:04	23° Ω 28'03		evening max el	-4364 Aug 01 j 17:48	0° Ω 24'03	25°37'15
evening set	-4365 Sep 05 j 23:10	21° Ω 08'30		retrograde	-4364 Aug 13 j 21:49	7° Ω 25'07	
min. Earth dist.	-4365 Sep 10 j 15:45	15° Ω 42'22	0.67229 AU	evening set	-4364 Aug 19 j 23:56	4° Ω 48'48	
inferior conj	-4365 Sep 11 j 07:14	14° Ω 50'17	-1°00'45		-4364 Aug 24 j 07:42	30° \mathcal{R} \mathcal{E}	
minimum elong	-4365 Sep 11 j 08:38	14° Ω 45'33	1°00'01	min. Earth dist.	-4364 Aug 24 j 07:47	29° \mathcal{E} 59'46	0.66729 AU
asc. node	-4365 Sep 14 j 07:13	11° Ω 01'56		inferior conj	-4364 Aug 25 j 10:37	28° \mathcal{E} 33'22	-1°52'30
morning rise	-4365 Sep 16 j 18:04	8° Ω 43'42		minimum elong	-4364 Aug 25 j 13:10	28° \mathcal{E} 25'09	1°51'21
direct	-4365 Sep 20 j 12:58	7° Ω 21'25		morning rise	-4364 Aug 31 j 02:29	22° \mathcal{E} 36'00	
morning max el	-4365 Sep 28 j 12:11	12° Ω 00'49	20°28'05	asc. node	-4364 Aug 31 j 04:20	22° \mathcal{E} 33'03	
	-4365 Oct 12 j 04:04	0° \mathcal{M}		direct	-4364 Sep 03 j 11:05	21° \mathcal{E} 30'41	
morning set	-4365 Oct 26 j 10:18	21° \mathcal{M} 37'00		morning max el	-4364 Sep 10 j 16:12	25° \mathcal{E} 38'13	19°25'52
desc. node	-4365 Oct 27 j 00:55	22° \mathcal{M} 33'45			-4364 Sep 14 j 10:04	0° Ω	
	-4365 Oct 31 j 18:52	0° \mathcal{L}			-4364 Oct 04 j 11:23	0° \mathcal{M}	
max. Earth dist.	-4365 Nov 05 j 13:28	7° \mathcal{L} 36'40	1.43393 AU	morning set	-4364 Oct 04 j 13:14	0° \mathcal{M} 07'15	
				desc. node	-4364 Oct 12 j 21:50	13° \mathcal{M} 11'54	
superior conj	-4365 Nov 11 j 13:32	17° \mathcal{L} 24'32	-1°28'08	max. Earth dist.	-4364 Oct 18 j 04:03	21° \mathcal{M} 29'21	1.44453 AU
minimum elong	-4365 Nov 11 j 07:07	16° \mathcal{L} 58'01	1°27'36				
	-4365 Nov 19 j 00:36	0° \mathcal{M}		superior conj	-4364 Oct 21 j 05:48	26° \mathcal{M} 22'18	-0°51'08
evening rise	-4365 Nov 24 j 01:49	8° \mathcal{M} 45'47		minimum elong	-4364 Oct 20 j 23:53	25° \mathcal{M} 58'43	0°50'24
	-4365 Dec 06 j 17:53	0° \mathcal{J}			-4364 Oct 23 j 12:14	0° \mathcal{L}	
asc. node	-4365 Dec 11 j 06:04	5° \mathcal{J} 43'17		evening rise	-4364 Nov 04 j 17:59	20° \mathcal{L} 00'06	
evening max el	-4365 Dec 11 j 12:05	5° \mathcal{J} 58'42	18°09'57		-4364 Nov 10 j 18:17	0° \mathcal{M}	
retrograde	-4365 Dec 18 j 01:45	9° \mathcal{J} 27'47		evening max el	-4364 Nov 24 j 00:40	19° \mathcal{M} 19'44	18°28'05
evening set	-4365 Dec 20 j 20:08	8° \mathcal{J} 49'39		asc. node	-4364 Nov 27 j 03:09	21° \mathcal{M} 53'30	
inferior conj	-4365 Dec 27 j 05:11	3° \mathcal{J} 35'27	3°53'54	retrograde	-4364 Nov 30 j 15:17	22° \mathcal{M} 58'55	
minimum elong	-4365 Dec 27 j 03:01	3° \mathcal{J} 41'06	3°53'28	evening set	-4364 Dec 03 j 13:55	22° \mathcal{M} 11'21	
min. Earth dist.	-4365 Dec 29 j 21:18	0° \mathcal{J} 49'04	0.62650 AU	inferior conj	-4364 Dec 09 j 14:09	16° \mathcal{M} 38'26	3°27'22
	-4365 Dec 30 j 17:16	30° \mathcal{R} \mathcal{M}		minimum elong	-4364 Dec 09 j 11:03	16° \mathcal{M} 47'21	3°26'34
morning rise	-4364 Jan 02 j 09:07	27° \mathcal{M} 42'23		min. Earth dist.	-4364 Dec 11 j 15:39	14° \mathcal{M} 15'40	0.64273 AU
direct	-4364 Jan 09 j 11:01	25° \mathcal{M} 02'45		morning rise	-4364 Dec 15 j 07:43	10° \mathcal{M} 35'44	
	-4364 Jan 20 j 06:47	0° \mathcal{J}		direct	-4364 Dec 22 j 05:22	7° \mathcal{M} 45'12	
desc. node	-4364 Jan 23 j 00:41	2° \mathcal{J} 28'29		morning max el	-4363 Jan 04 j 16:38	15° \mathcal{M} 26'21	27°22'10
morning max el	-4364 Jan 23 j 07:43	2° \mathcal{J} 45'39	27°42'07	desc. node	-4363 Jan 08 j 21:43	19° \mathcal{M} 58'30	
	-4364 Feb 12 j 13:42	0° \mathcal{Z}			-4363 Jan 16 j 17:32	0° \mathcal{J}	
morning set	-4364 Feb 26 j 01:01	24° \mathcal{Z} 44'13			-4363 Feb 04 j 05:30	0° \mathcal{Z}	
	-4364 Feb 28 j 14:33	0° \approx		morning set	-4363 Feb 08 j 19:41	8° \mathcal{Z} 44'56	
max. Earth dist.	-4364 Mar 02 j 16:06	6° \approx 28'38	1.33000 AU	max. Earth dist.	-4363 Feb 13 j 17:44	18° \mathcal{Z} 40'57	1.33760 AU
superior conj	-4364 Mar 04 j 12:29	10° \approx 27'21	-0°37'42	superior conj	-4363 Feb 16 j 18:36	25° \mathcal{Z} 02'58	-1°01'30
minimum elong	-4364 Mar 04 j 14:09	10° \approx 36'20	0°37'31	minimum elong	-4363 Feb 16 j 21:09	25° \mathcal{Z} 16'33	1°01'15
asc. node	-4364 Mar 08 j 05:21	18° \approx 28'28			-4363 Feb 19 j 02:24	0° \approx	
evening rise	-4364 Mar 11 j 13:42	25° \approx 37'45		asc. node	-4363 Feb 23 j 02:21	8° \approx 30'43	
	-4364 Mar 13 j 16:12	0° \mathcal{H}		evening rise	-4363 Feb 24 j 00:46	10° \approx 28'28	
	-4364 Mar 31 j 23:12	0° Υ			-4363 Mar 06 j 06:29	0° \mathcal{H}	
evening max el	-4364 Apr 04 j 19:04	4° Υ 05'18	23°53'59	evening max el	-4363 Mar 17 j 12:53	14° \mathcal{H} 50'33	22°19'59
retrograde	-4364 Apr 18 j 12:37	10° Υ 56'42		retrograde	-4363 Mar 30 j 08:46	21° \mathcal{H} 05'22	
desc. node	-4364 Apr 19 j 23:26	10° Υ 51'57		evening set	-4363 Apr 02 j 07:23	20° \mathcal{H} 46'16	
evening set	-4364 Apr 22 j 14:12	10° Υ 20'08		desc. node	-4363 Apr 06 j 20:35	19° \mathcal{H} 10'34	
min. Earth dist.	-4364 Apr 29 j 06:38	7° Υ 10'05	0.56306 AU	min. Earth dist.	-4363 Apr 10 j 20:47	17° \mathcal{H} 03'15	0.55332 AU
inferior conj	-4364 May 01 j 14:06	5° Υ 45'12	-2°55'42	inferior conj	-4363 Apr 11 j 15:49	16° \mathcal{H} 36'15	-1°18'35
				minimum elong	-4363 Apr 11 j 12:17	16° \mathcal{H} 41'15	1°17'28

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning rise	-4363 Apr 20 j 18:48	12° K 38'31		minimum elong	-4362 Mar 22 j 12:53	27° \approx 07'29	0°36'51
direct	-4363 Apr 23 j 09:24	12° K 23'00		min. Earth dist.	-4362 Mar 23 j 11:04	26° \approx 35'42	0.55260 AU
morning max el	-4363 May 05 j 00:53	17° K 51'07	21°09'47	desc. node	-4362 Mar 24 j 17:45	25° \approx 52'28	
	-4363 May 14 j 12:36	0° Y		morning rise	-4362 Mar 31 j 17:00	22° \approx 57'36	
asc. node	-4363 May 22 j 02:03	13° Y 43'30		direct	-4362 Apr 03 j 21:27	22° \approx 35'28	
morning set	-4363 May 24 j 19:00	19° Y 12'12		morning max el	-4362 Apr 16 j 23:54	28° \approx 56'29	22°42'34
	-4363 May 29 j 23:29	0° B			-4362 Apr 18 j 01:52	0° K	
					-4362 May 07 j 05:29	0° Y	
superior conj	-4363 Jun 01 j 06:52	4° B 47'18	1°28'22	asc. node	-4362 May 08 j 23:02	3° Y 33'35	
minimum elong	-4363 Jun 01 j 04:11	4° B 33'29	1°28'09	morning set	-4362 May 09 j 05:41	4° Y 08'12	
max. Earth dist.	-4363 Jun 05 j 08:19	13° B 01'40	1.35400 AU				
evening rise	-4363 Jun 09 j 18:01	21° B 35'08		superior conj	-4362 May 16 j 10:36	19° Y 25'40	1°10'29
	-4363 Jun 14 j 07:49	0° II		minimum elong	-4362 May 16 j 08:01	19° Y 11'59	1°10'07
	-4363 Jul 03 j 10:29	0° B		max. Earth dist.	-4362 May 19 j 04:34	25° Y 12'11	1.34163 AU
desc. node	-4363 Jul 03 j 19:12	0° B 29'21			-4362 May 21 j 12:35	0° B	
evening max el	-4363 Jul 15 j 04:46	13° B 53'07	26°37'15	evening rise	-4362 May 24 j 05:54	5° B 26'19	
retrograde	-4363 Jul 28 j 02:50	21° B 10'41			-4362 Jun 07 j 00:02	0° II	
evening set	-4363 Aug 03 j 18:13	18° B 23'55		desc. node	-4362 Jun 20 j 16:18	19° II 29'34	
min. Earth dist.	-4363 Aug 07 j 18:05	14° B 13'19	0.65875 AU	evening max el	-4362 Jun 27 j 15:59	27° II 12'21	27°15'18
inferior conj	-4363 Aug 09 j 09:35	12° B 14'09	-2°40'50		-4362 Jun 30 j 19:31	0° B	
minimum elong	-4363 Aug 09 j 12:59	12° B 03'53	2°39'32	retrograde	-4362 Jul 11 j 02:36	4° B 36'36	
morning rise	-4363 Aug 15 j 08:04	6° B 29'06		evening set	-4362 Jul 18 j 03:16	1° B 49'40	
direct	-4363 Aug 18 j 08:39	5° B 37'32			-4362 Jul 20 j 04:26	30° R II	
asc. node	-4363 Aug 18 j 01:26	5° B 38'03		min. Earth dist.	-4362 Jul 21 j 20:38	28° II 15'52	0.64637 AU
morning max el	-4363 Aug 25 j 02:10	9° B 22'04	18°38'58	inferior conj	-4362 Jul 24 j 01:52	25° II 48'30	-3°23'19
	-4363 Sep 08 j 13:00	0° Q		minimum elong	-4362 Jul 24 j 05:34	25° II 38'13	3°22'11
morning set	-4363 Sep 14 j 14:01	9° Q 43'26		morning rise	-4362 Jul 30 j 08:28	20° II 18'44	
	-4363 Sep 27 j 07:15	0° M		direct	-4362 Aug 02 j 03:19	19° II 37'48	
desc. node	-4363 Sep 29 j 18:43	3° M 54'34		asc. node	-4362 Aug 04 j 22:31	20° II 18'49	
				morning max el	-4362 Aug 08 j 15:50	23° II 07'53	18°08'56
superior conj	-4363 Sep 30 j 05:50	4° M 38'26	-0°02'57		-4362 Aug 14 j 02:15	0° B	
minimum elong	-4363 Sep 30 j 05:28	4° M 36'56	0°02'48	morning set	-4362 Aug 26 j 18:14	20° B 38'51	
behind sun begin	-4363 Sep 29 j 18:11	3° M 52'28			-4362 Sep 01 j 08:36	0° Q	
behind sun end	-4363 Sep 30 j 16:45	5° M 21'24		superior conj	-4362 Sep 09 j 11:55	13° Q 16'37	0°44'21
max. Earth dist.	-4363 Sep 30 j 21:33	5° M 40'20	1.44817 AU	minimum elong	-4362 Sep 09 j 16:50	13° Q 36'19	0°43'54
evening rise	-4363 Oct 16 j 09:34	0° Q 10'17		max. Earth dist.	-4362 Sep 13 j 14:52	19° Q 51'31	1.44456 AU
	-4363 Oct 16 j 06:58	0° Q		desc. node	-4362 Sep 16 j 15:38	24° Q 39'00	
	-4363 Nov 05 j 01:19	0° M			-4362 Sep 20 j 01:30	0° M	
evening max el	-4363 Nov 07 j 11:11	2° M 45'02	19°03'48	evening rise	-4362 Sep 26 j 01:31	9° M 20'20	
retrograde	-4363 Nov 14 j 09:56	6° M 43'08		greatest brilliancy	-4362 Oct 09 j 05:14	29° M 28'30	-0.7m
asc. node	-4363 Nov 14 j 00:16	6° M 42'13			-4362 Oct 09 j 13:41	0° Q	
evening set	-4363 Nov 17 j 14:40	5° M 44'05		evening max el	-4362 Oct 21 j 17:30	16° Q 11'51	19°55'29
inferior conj	-4363 Nov 23 j 08:08	29° Q 55'33	2°49'53	retrograde	-4362 Oct 29 j 06:51	20° Q 36'42	
minimum elong	-4363 Nov 23 j 04:59	0° M 05'24	2°48'52	asc. node	-4362 Oct 31 j 21:23	19° Q 57'13	
	-4363 Nov 23 j 06:43	30° R Q		evening set	-4362 Nov 01 j 19:52	19° Q 23'31	
min. Earth dist.	-4363 Nov 24 j 19:31	28° Q 04'58	0.65553 AU	inferior conj	-4362 Nov 07 j 08:23	13° Q 22'35	2°05'05
morning rise	-4363 Nov 28 j 18:59	23° Q 45'53		minimum elong	-4362 Nov 07 j 05:46	13° Q 31'11	2°04'07
direct	-4363 Dec 05 j 06:12	20° Q 58'08		min. Earth dist.	-4362 Nov 08 j 07:01	12° Q 07'45	0.66485 AU
morning max el	-4363 Dec 18 j 02:25	28° Q 27'58	26°32'10	morning rise	-4362 Nov 12 j 15:26	7° Q 08'39	
	-4363 Dec 19 j 14:11	0° M		direct	-4362 Nov 18 j 12:49	4° Q 33'55	
desc. node	-4363 Dec 26 j 18:42	8° M 30'32		morning max el	-4362 Nov 30 j 11:21	11° Q 38'48	25°20'32
	-4362 Jan 10 j 11:47	0° J		desc. node	-4362 Dec 13 j 15:38	27° Q 46'22	
morning set	-4362 Jan 23 j 02:36	22° J 05'16			-4362 Dec 15 j 05:44	0° M	
	-4362 Jan 27 j 04:48	0° B			-4361 Jan 03 j 03:58	0° J	
max. Earth dist.	-4362 Jan 27 j 08:14	0° B 16'59	1.34961 AU	morning set	-4361 Jan 05 j 16:54	4° J 30'57	
				max. Earth dist.	-4361 Jan 09 j 11:07	11° J 25'54	1.36602 AU
superior conj	-4362 Jan 31 j 18:49	9° B 15'51	-1°23'00				
minimum elong	-4362 Jan 31 j 21:53	9° B 31'38	1°22'48	superior conj	-4361 Jan 15 j 10:23	22° J 57'55	-1°40'29
evening rise	-4362 Feb 08 j 09:27	25° B 05'48		minimum elong	-4361 Jan 15 j 13:15	23° J 12'04	1°40'27
asc. node	-4362 Feb 09 j 23:22	28° B 19'52			-4361 Jan 18 j 22:33	0° B	
	-4362 Feb 10 j 19:12	0° \approx		evening rise	-4361 Jan 23 j 13:45	9° B 23'51	
evening max el	-4362 Feb 27 j 14:17	25° \approx 57'15	20°53'40	asc. node	-4361 Jan 27 j 20:23	17° B 50'34	
	-4362 Mar 05 j 05:44	0° K			-4361 Feb 03 j 21:14	0° \approx	
retrograde	-4362 Mar 10 j 22:33	1° K 21'27		evening max el	-4361 Feb 10 j 02:09	7° \approx 38'45	19°42'55
evening set	-4362 Mar 13 j 07:53	1° K 07'59		retrograde	-4361 Feb 19 j 17:45	12° \approx 13'05	
	-4362 Mar 17 j 00:05	30° R \approx		evening set	-4361 Feb 22 j 01:46	11° \approx 58'15	
inferior conj	-4362 Mar 22 j 11:11	27° \approx 09'55	0°37'34				

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

inferior conj	-4361 Mar 02 j 14:24	7° \approx 55'10	2°20'24	minimum elong	-4360 Feb 11 j 15:32	19° \approx 04'37	3°27'38
minimum elong	-4361 Mar 02 j 19:20	7° \approx 47'22	2°18'50	min. Earth dist.	-4360 Feb 14 j 17:16	16° \approx 51'28	0.57654 AU
min. Earth dist.	-4361 Mar 05 j 01:35	6° \approx 22'14	0.56106 AU	morning rise	-4360 Feb 19 j 12:40	14° \approx 03'53	
morning rise	-4361 Mar 11 j 10:26	3° \approx 15'23		direct	-4360 Feb 25 j 01:29	12° \approx 50'01	
desc. node	-4361 Mar 11 j 14:53	3° \approx 11'59		desc. node	-4360 Feb 26 j 11:59	12° \approx 55'02	
direct	-4361 Mar 15 j 17:18	2° \approx 34'14		morning max el	-4360 Mar 10 j 07:08	20° \approx 13'43	25°52'59
morning max el	-4361 Mar 29 j 15:55	9° \approx 35'08	24°21'30		-4360 Mar 18 j 15:54	0° \approx	
	-4361 Apr 13 j 18:54	0° \approx			-4360 Apr 05 j 04:58	0° \approx	
morning set	-4361 Apr 23 j 17:50	19° \approx 10'15		morning set	-4360 Apr 07 j 05:46	4° \approx 12'28	
asc. node	-4361 Apr 25 j 20:01	23° \approx 36'23		asc. node	-4360 Apr 11 j 17:00	13° \approx 47'12	
	-4361 Apr 28 j 19:09	0° \approx					
				superior conj	-4360 Apr 14 j 05:52	19° \approx 19'17	0°26'08
superior conj	-4361 Apr 30 j 18:56	4° \approx 18'35	0°49'24	minimum elong	-4360 Apr 14 j 04:44	19° \approx 13'07	0°25'51
minimum elong	-4361 Apr 30 j 16:55	4° \approx 07'42	0°49'00	max. Earth dist.	-4360 Apr 14 j 21:19	20° \approx 43'38	1.32772 AU
max. Earth dist.	-4361 May 02 j 09:54	7° \approx 48'21	1.33296 AU		-4360 Apr 19 j 04:32	0° \approx	
evening rise	-4361 May 08 j 03:44	19° \approx 48'33		evening rise	-4360 Apr 21 j 08:21	4° \approx 31'22	
	-4361 May 13 j 09:06	0° \approx			-4360 May 05 j 02:39	0° \approx	
	-4361 Jun 01 j 04:21	0° \approx		evening max el	-4360 May 22 j 07:25	22° \approx 32'32	27°01'46
desc. node	-4361 Jun 07 j 13:26	7° \approx 36'33		desc. node	-4360 May 24 j 10:35	24° \approx 27'57	
evening max el	-4361 Jun 10 j 01:45	10° \approx 09'37	27°24'46	retrograde	-4360 Jun 05 j 06:49	29° \approx 54'02	
retrograde	-4361 Jun 23 j 20:16	17° \approx 33'48		evening set	-4360 Jun 12 j 03:17	27° \approx 46'46	
evening set	-4361 Jun 30 j 23:37	14° \approx 59'55		min. Earth dist.	-4360 Jun 15 j 20:54	25° \approx 02'00	0.61121 AU
min. Earth dist.	-4361 Jul 04 j 13:44	11° \approx 56'39	0.63029 AU	inferior conj	-4360 Jun 19 j 02:46	22° \approx 11'58	-4°14'59
inferior conj	-4361 Jul 07 j 08:41	9° \approx 10'19	-3°56'28	minimum elong	-4360 Jun 19 j 03:59	22° \approx 09'18	4°14'47
minimum elong	-4361 Jul 07 j 11:47	9° \approx 02'34	3°55'48	morning rise	-4360 Jun 26 j 06:20	17° \approx 21'21	
morning rise	-4361 Jul 14 j 00:58	3° \approx 58'50		direct	-4360 Jun 28 j 19:39	16° \approx 54'40	
direct	-4361 Jul 16 j 16:15	3° \approx 25'55		morning max el	-4360 Jul 05 j 19:53	20° \approx 22'24	18°03'28
asc. node	-4361 Jul 22 j 19:35	6° \approx 23'30		asc. node	-4360 Jul 08 j 16:39	23° \approx 36'43	
morning max el	-4361 Jul 23 j 06:38	6° \approx 49'59	17°56'49		-4360 Jul 13 j 01:03	0° \approx	
	-4361 Aug 07 j 09:28	0° \approx		morning set	-4360 Jul 21 j 21:02	15° \approx 40'57	
morning set	-4361 Aug 08 j 22:25	2° \approx 42'55			-4360 Jul 29 j 17:06	0° \approx	
superior conj	-4361 Aug 20 j 17:34	23° \approx 05'14	1°20'09	superior conj	-4360 Aug 01 j 02:53	4° \approx 16'43	1°41'11
minimum elong	-4361 Aug 20 j 23:13	23° \approx 28'51	1°19'47	minimum elong	-4360 Aug 01 j 06:13	4° \approx 31'27	1°41'12
	-4361 Aug 24 j 21:47	0° \approx		max. Earth dist.	-4360 Aug 08 j 15:09	17° \approx 09'08	1.41863 AU
max. Earth dist.	-4361 Aug 27 j 05:29	3° \approx 46'25	1.43427 AU	evening rise	-4360 Aug 14 j 17:19	27° \approx 05'19	
desc. node	-4361 Sep 03 j 12:36	15° \approx 21'47			-4360 Aug 16 j 13:19	0° \approx	
evening rise	-4361 Sep 05 j 05:26	18° \approx 00'49		desc. node	-4360 Aug 20 j 09:36	5° \approx 59'54	
	-4361 Sep 13 j 01:31	0° \approx			-4360 Sep 05 j 20:07	0° \approx	
evening max el	-4361 Oct 04 j 18:02	29° \approx 37'58	21°00'46	evening max el	-4360 Sep 16 j 12:22	13° \approx 03'28	22°16'09
	-4361 Oct 05 j 02:45	0° \approx		retrograde	-4360 Sep 25 j 23:04	18° \approx 40'02	
retrograde	-4361 Oct 13 j 03:45	4° \approx 36'15		evening set	-4360 Sep 30 j 11:22	16° \approx 51'00	
evening set	-4361 Oct 17 j 03:23	3° \approx 06'14		asc. node	-4360 Oct 04 j 15:40	12° \approx 08'07	
asc. node	-4361 Oct 18 j 18:32	1° \approx 37'44		inferior conj	-4360 Oct 05 j 18:50	10° \approx 34'54	0°23'12
	-4361 Oct 20 j 04:47	30° \approx		minimum elong	-4360 Oct 05 j 18:18	10° \approx 36'46	0°23'03
inferior conj	-4361 Oct 22 j 12:35	26° \approx 56'06	1°15'30	min. Earth dist.	-4360 Oct 05 j 19:35	10° \approx 32'22	0.67383 AU
minimum elong	-4361 Oct 22 j 10:54	27° \approx 01'51	1°14'51	morning rise	-4360 Oct 11 j 01:08	4° \approx 20'33	
min. Earth dist.	-4361 Oct 22 j 23:49	26° \approx 17'41	0.67089 AU	direct	-4360 Oct 15 j 16:22	2° \approx 26'36	
morning rise	-4361 Oct 27 j 18:14	20° \approx 40'34		morning max el	-4360 Oct 25 j 07:25	8° \approx 10'36	22°30'43
direct	-4361 Nov 02 j 00:25	18° \approx 25'06			-4360 Nov 11 j 04:47	0° \approx	
morning max el	-4361 Nov 12 j 20:04	24° \approx 52'33	23°56'54	desc. node	-4360 Nov 16 j 09:31	7° \approx 41'14	
	-4361 Nov 17 j 10:57	0° \approx		morning set	-4360 Nov 27 j 20:15	25° \approx 36'08	
desc. node	-4361 Nov 30 j 12:34	17° \approx 32'45			-4360 Nov 30 j 12:29	0° \approx	
	-4361 Dec 08 j 18:01	0° \approx		max. Earth dist.	-4360 Dec 03 j 05:07	4° \approx 30'52	1.40641 AU
morning set	-4361 Dec 18 j 08:31	15° \approx 44'49					
max. Earth dist.	-4361 Dec 22 j 07:27	22° \approx 38'45	1.38575 AU	superior conj	-4360 Dec 10 j 23:20	18° \approx 03'44	-1°53'22
	-4361 Dec 26 j 08:56	0° \approx		minimum elong	-4360 Dec 10 j 22:11	17° \approx 58'35	1°53'28
					-4360 Dec 17 j 11:10	0° \approx	
superior conj	-4361 Dec 29 j 13:30	5° \approx 57'59	-1°51'38	evening rise	-4360 Dec 20 j 23:05	6° \approx 34'23	
minimum elong	-4361 Dec 29 j 15:03	6° \approx 05'19	1°51'46	asc. node	-4360 Dec 31 j 14:31	25° \approx 27'09	
evening rise	-4360 Jan 07 j 11:15	23° \approx 15'31			-4359 Jan 03 j 20:43	0° \approx	
	-4360 Jan 10 j 22:51	0° \approx		evening max el	-4359 Jan 06 j 05:26	2° \approx 37'44	18°19'39
asc. node	-4360 Jan 14 j 17:27	6° \approx 55'41		retrograde	-4359 Jan 13 j 11:20	6° \approx 13'51	
evening max el	-4360 Jan 23 j 23:55	19° \approx 54'14	18°51'15	evening set	-4359 Jan 16 j 00:52	5° \approx 47'57	
retrograde	-4360 Feb 01 j 05:12	23° \approx 51'42		inferior conj	-4359 Jan 23 j 04:48	1° \approx 07'01	3°59'57
evening set	-4360 Feb 03 j 15:56	23° \approx 32'05		minimum elong	-4359 Jan 23 j 06:12	1° \approx 04'01	3°59'39
inferior conj	-4360 Feb 11 j 11:22	19° \approx 12'14	3°28'34		-4359 Jan 24 j 12:12	30° \approx	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

min. Earth dist.	-4359 Jan 26 j 13:04	28°♊18'07	0.59583 AU	retrograde	-4359 Dec 27 j 09:02	19°♊10'23	
morning rise	-4359 Jan 30 j 09:41	25°♊36'08		evening set	-4359 Dec 30 j 01:21	18°♊37'11	
direct	-4359 Feb 05 j 21:44	23°♊43'11		inferior conj	-4358 Jan 05 j 16:33	13°♊34'56	4°02'16
desc. node	-4359 Feb 12 j 09:04	25°♊27'11		minimum elong	-4358 Jan 05 j 15:24	13°♊37'44	4°02'00
	-4359 Feb 18 j 17:14	0°♊		min. Earth dist.	-4358 Jan 08 j 16:20	10°♊41'18	0.61570 AU
morning max el	-4359 Feb 20 j 03:00	1°♊19'05	27°01'58	morning rise	-4358 Jan 12 j 04:16	7°♊48'25	
	-4359 Mar 12 j 17:32	0°♊		direct	-4358 Jan 19 j 04:18	5°♊21'47	
morning set	-4359 Mar 22 j 15:42	19°♊07'44		desc. node	-4358 Jan 30 j 06:08	10°♊23'21	
	-4359 Mar 27 j 17:50	0°♊		morning max el	-4358 Feb 02 j 05:13	13°♊04'20	27°37'56
					-4358 Feb 15 j 18:47	0°♊	
superior conj	-4359 Mar 29 j 17:37	4°♊20'56	0°01'35		-4358 Mar 05 j 00:24	0°♊	
minimum elong	-4359 Mar 29 j 17:33	4°♊20'34	0°01'29	morning set	-4358 Mar 06 j 21:41	3°♊48'56	
behind sun begin	-4359 Mar 29 j 12:34	3°♊53'18		max. Earth dist.	-4358 Mar 12 j 22:46	16°♊35'52	1.32735 AU
behind sun end	-4359 Mar 29 j 22:32	4°♊47'51					
max. Earth dist.	-4359 Mar 29 j 10:54	3°♊44'09	1.32581 AU	superior conj	-4358 Mar 14 j 04:35	19°♊17'43	-0°23'26
asc. node	-4359 Mar 29 j 13:59	4°♊01'05		minimum elong	-4358 Mar 14 j 05:38	19°♊23'25	0°23'21
evening rise	-4359 Apr 05 j 17:13	19°♊25'24		asc. node	-4358 Mar 16 j 10:59	24°♊14'02	
	-4359 Apr 10 j 23:10	0°♊			-4358 Mar 19 j 02:52	0°♊	
	-4359 Apr 30 j 07:09	0°♊		evening rise	-4358 Mar 21 j 04:21	4°♊23'27	
evening max el	-4359 May 04 j 06:50	4°♊12'43	26°06'53		-4358 Apr 03 j 23:45	0°♊	
desc. node	-4359 May 11 j 07:45	9°♊32'21		evening max el	-4358 Apr 16 j 00:34	15°♊15'16	24°46'50
retrograde	-4359 May 18 j 08:56	11°♊29'55		desc. node	-4358 Apr 28 j 04:52	22°♊13'01	
evening set	-4359 May 24 j 10:28	9°♊59'20		retrograde	-4358 Apr 30 j 00:36	22°♊20'45	
min. Earth dist.	-4359 May 28 j 19:30	7°♊16'24	0.59079 AU	evening set	-4358 May 04 j 20:29	21°♊27'31	
inferior conj	-4359 Jun 01 j 04:22	4°♊43'15	-4°11'04	min. Earth dist.	-4358 May 10 j 12:46	18°♊30'30	0.57187 AU
minimum elong	-4359 Jun 01 j 02:25	4°♊46'58	4°10'50	inferior conj	-4358 May 13 j 10:26	16°♊35'50	-3°34'42
morning rise	-4359 Jun 08 j 20:56	0°♊14'36		minimum elong	-4358 May 13 j 05:19	16°♊44'18	3°33'39
	-4359 Jun 09 j 23:16	30°♊		morning rise	-4358 May 21 j 17:19	12°♊26'25	
direct	-4359 Jun 11 j 09:03	29°♊53'06		direct	-4358 May 24 j 04:25	12°♊09'08	
	-4359 Jun 12 j 18:19	0°♊		morning max el	-4358 Jun 02 j 06:11	16°♊22'48	19°16'12
morning max el	-4359 Jun 19 j 04:42	3°♊36'26	18°29'42	asc. node	-4358 Jun 12 j 10:42	0°♊30'04	
asc. node	-4359 Jun 25 j 13:41	11°♊43'00			-4358 Jun 12 j 03:51	0°♊	
morning set	-4359 Jul 05 j 09:07	29°♊19'33		morning set	-4358 Jun 19 j 06:56	13°♊29'26	
	-4359 Jul 05 j 17:32	0°♊					
superior conj	-4359 Jul 14 j 11:36	16°♊38'55	1°49'03	superior conj	-4358 Jun 27 j 14:00	29°♊55'48	1°46'40
minimum elong	-4359 Jul 14 j 12:13	16°♊41'44	1°49'15	minimum elong	-4358 Jun 27 j 12:37	29°♊49'04	1°46'47
	-4359 Jul 21 j 21:57	0°♊			-4358 Jun 27 j 14:52	0°♊	
max. Earth dist.	-4359 Jul 21 j 18:52	29°♊46'35	1.39980 AU	max. Earth dist.	-4358 Jul 03 j 20:11	11°♊45'26	1.38043 AU
evening rise	-4359 Jul 26 j 04:02	7°♊15'01		evening rise	-4358 Jul 07 j 17:02	18°♊42'12	
desc. node	-4359 Aug 07 j 06:38	26°♊28'41			-4358 Jul 14 j 08:41	0°♊	
	-4359 Aug 09 j 15:15	0°♊		desc. node	-4358 Jul 25 j 03:40	16°♊43'05	
evening max el	-4359 Aug 30 j 01:38	26°♊29'15	23°36'45		-4358 Aug 03 j 19:57	0°♊	
	-4359 Sep 03 j 00:58	0°♊		evening max el	-4358 Aug 12 j 12:28	9°♊57'57	24°55'43
retrograde	-4359 Sep 09 j 15:31	2°♊44'29		retrograde	-4358 Aug 24 j 04:02	16°♊45'32	
evening set	-4359 Sep 14 j 18:01	0°♊35'41		evening set	-4358 Aug 29 j 21:30	14°♊18'20	
	-4359 Sep 15 j 09:43	30°♊		min. Earth dist.	-4358 Sep 03 j 10:14	9°♊07'31	0.67056 AU
min. Earth dist.	-4359 Sep 19 j 15:52	24°♊49'32	0.67371 AU	inferior conj	-4358 Sep 04 j 06:25	8°♊00'38	-1°23'02
inferior conj	-4359 Sep 20 j 01:22	24°♊17'04	-0°30'11	minimum elong	-4358 Sep 04 j 08:20	7°♊54'18	1°22'06
minimum elong	-4359 Sep 20 j 02:04	24°♊14'40	0°29'46	asc. node	-4358 Sep 08 j 09:54	3°♊05'37	
asc. node	-4359 Sep 21 j 12:47	22°♊17'45		morning rise	-4358 Sep 09 j 19:12	1°♊57'26	
morning rise	-4359 Sep 25 j 10:04	18°♊06'44		direct	-4358 Sep 13 j 09:20	0°♊42'51	
direct	-4359 Sep 29 j 11:43	16°♊33'42		morning max el	-4358 Sep 21 j 00:14	5°♊08'06	19°59'44
morning max el	-4359 Oct 08 j 00:19	21°♊35'23	21°09'52		-4358 Oct 09 j 01:17	0°♊	
	-4359 Oct 15 j 00:53	0°♊		morning set	-4358 Oct 17 j 03:59	12°♊28'11	
desc. node	-4359 Nov 03 j 06:28	28°♊05'16		desc. node	-4358 Oct 21 j 03:23	18°♊39'21	
	-4359 Nov 04 j 12:11	0°♊			-4358 Oct 28 j 08:02	0°♊	
morning set	-4359 Nov 07 j 05:40	4°♊15'02		max. Earth dist.	-4358 Oct 28 j 19:39	0°♊46'18	1.43918 AU
max. Earth dist.	-4359 Nov 15 j 08:55	17°♊15'33	1.42505 AU				
superior conj	-4359 Nov 22 j 10:12	29°♊01'31	-1°41'56	superior conj	-4358 Nov 02 j 17:40	8°♊41'20	-1°14'19
minimum elong	-4359 Nov 22 j 05:27	28°♊41'14	1°41'43	minimum elong	-4358 Nov 02 j 10:48	8°♊13'26	1°13'37
	-4359 Nov 22 j 23:54	0°♊			-4358 Nov 15 j 12:05	0°♊	
evening rise	-4359 Dec 03 j 21:35	19°♊12'46		evening rise	-4358 Nov 16 j 02:09	1°♊00'08	
	-4359 Dec 09 j 22:41	0°♊		evening max el	-4358 Dec 04 j 04:36	28°♊58'43	18°15'30
asc. node	-4359 Dec 18 j 11:36	13°♊14'47		asc. node	-4358 Dec 05 j 08:42	0°♊40'54	
evening max el	-4359 Dec 20 j 15:57	15°♊41'56	18°07'58		-4358 Dec 05 j 06:27	0°♊	
				retrograde	-4358 Dec 10 j 17:47	2°♊30'54	
				evening set	-4358 Dec 13 j 13:45	1°♊49'03	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4358 Dec 16 j 05:48	30° κ \mathbb{M}		asc. node	-4357 Nov 22 j 05:48	15° \mathbb{M} 42'44	
inferior conj	-4358 Dec 19 j 18:48	26° \mathbb{M} 26'55	3°44'14	retrograde	-4357 Nov 24 j 09:48	16° \mathbb{M} 08'30	
minimum elong	-4358 Dec 19 j 16:07	26° \mathbb{M} 34'14	3°43'39	evening set	-4357 Nov 27 j 10:52	15° \mathbb{M} 16'15	
min. Earth dist.	-4358 Dec 22 j 04:56	23° \mathbb{M} 48'45	0.63378 AU	inferior conj	-4357 Dec 03 j 07:59	9° \mathbb{M} 36'28	3°12'31
morning rise	-4358 Dec 25 j 17:49	20° \mathbb{M} 29'23		minimum elong	-4357 Dec 03 j 04:47	9° \mathbb{M} 46'03	3°11'36
direct	-4357 Jan 01 j 18:59	17° \mathbb{M} 42'52		min. Earth dist.	-4357 Dec 05 j 03:22	7° \mathbb{M} 26'45	0.64869 AU
morning max el	-4357 Jan 15 j 12:13	25° \mathbb{M} 26'33	27°37'40	morning rise	-4357 Dec 08 j 22:20	3° \mathbb{M} 30'47	
desc. node	-4357 Jan 17 j 03:10	27° \mathbb{M} 06'07		direct	-4357 Dec 15 j 16:19	0° \mathbb{M} 39'48	
	-4357 Jan 19 j 17:53	0° \mathbb{A}		morning max el	-4357 Dec 28 j 21:33	8° \mathbb{M} 16'53	27°04'01
	-4357 Feb 09 j 05:00	0° \mathbb{B}		desc. node	-4356 Jan 04 j 00:12	15° \mathbb{M} 05'06	
morning set	-4357 Feb 18 j 21:16	18° \mathbb{B} 06'41			-4356 Jan 14 j 21:44	0° \mathbb{A}	
max. Earth dist.	-4357 Feb 24 j 04:58	29° \mathbb{B} 04'17	1.33267 AU		-4356 Feb 01 j 12:14	0° \mathbb{B}	
	-4357 Feb 24 j 15:30	0° \mathbb{A}		morning set	-4356 Feb 02 j 11:23	1° \mathbb{B} 51'14	
				max. Earth dist.	-4356 Feb 07 j 01:59	11° \mathbb{B} 00'17	1.34220 AU
superior conj	-4357 Feb 26 j 12:59	4° \mathbb{A} 02'39	-0°47'59				
minimum elong	-4357 Feb 26 j 15:04	4° \mathbb{A} 13'48	0°47'46	superior conj	-4356 Feb 10 j 16:52	18° \mathbb{B} 29'24	-1°10'59
asc. node	-4357 Mar 03 j 07:58	14° \mathbb{A} 21'09		minimum elong	-4356 Feb 10 j 19:43	18° \mathbb{B} 44'17	1°10'45
evening rise	-4357 Mar 05 j 15:54	19° \mathbb{A} 18'08			-4356 Feb 16 j 03:40	0° \mathbb{A}	
	-4357 Mar 10 j 22:54	0° \mathbb{H}		evening rise	-4356 Feb 18 j 02:09	4° \mathbb{A} 03'44	
evening max el	-4357 Mar 28 j 16:44	25° \mathbb{H} 59'10	23°13'51	asc. node	-4356 Feb 18 j 04:57	4° \mathbb{A} 18'15	
	-4357 Apr 02 j 18:43	0° \mathbb{Y}			-4356 Mar 03 j 15:46	0° \mathbb{H}	
retrograde	-4357 Apr 11 j 03:18	2° \mathbb{Y} 37'03		evening max el	-4356 Mar 09 j 13:17	6° \mathbb{H} 50'55	21°41'42
evening set	-4357 Apr 14 j 15:47	2° \mathbb{Y} 09'55		retrograde	-4356 Mar 21 j 18:55	12° \mathbb{H} 44'24	
desc. node	-4357 Apr 15 j 01:59	2° \mathbb{Y} 03'08		evening set	-4356 Mar 24 j 10:18	12° \mathbb{H} 28'45	
	-4357 Apr 19 j 23:45	30° \mathbb{K} \mathbb{H}		desc. node	-4356 Mar 31 j 23:09	9° \mathbb{H} 26'17	
min. Earth dist.	-4357 Apr 22 j 03:38	28° \mathbb{H} 47'25	0.55789 AU	inferior conj	-4356 Apr 02 j 18:12	8° \mathbb{H} 26'19	-0°29'44
inferior conj	-4357 Apr 23 j 20:56	27° \mathbb{H} 46'40	-2°18'35	minimum elong	-4356 Apr 02 j 16:48	8° \mathbb{H} 28'17	0°29'21
minimum elong	-4357 Apr 23 j 15:31	27° \mathbb{H} 54'40	2°17'00	min. Earth dist.	-4356 Apr 02 j 17:36	8° \mathbb{H} 27'09	0.55189 AU
morning rise	-4357 May 02 j 17:44	23° \mathbb{H} 48'17		morning rise	-4356 Apr 11 j 23:49	4° \mathbb{H} 24'37	
direct	-4357 May 05 j 05:30	23° \mathbb{H} 33'09		direct	-4356 Apr 14 j 19:02	4° \mathbb{H} 07'15	
morning max el	-4357 May 15 j 21:47	28° \mathbb{H} 31'39	20°22'58	morning max el	-4356 Apr 27 j 02:22	9° \mathbb{H} 58'20	21°47'51
	-4357 May 17 j 09:21	0° \mathbb{Y}			-4356 May 11 j 07:35	0° \mathbb{Y}	
asc. node	-4357 May 30 j 07:42	19° \mathbb{Y} 47'44		asc. node	-4356 May 16 j 04:40	9° \mathbb{Y} 27'50	
morning set	-4357 Jun 03 j 11:32	28° \mathbb{Y} 02'49		morning set	-4356 May 17 j 20:35	12° \mathbb{Y} 52'27	
	-4357 Jun 04 j 10:31	0° \mathbb{B}					
superior conj	-4357 Jun 11 j 05:06	13° \mathbb{B} 53'01	1°36'42	superior conj	-4356 May 25 j 05:04	28° \mathbb{Y} 18'52	1°21'14
minimum elong	-4357 Jun 11 j 02:40	13° \mathbb{B} 40'40	1°36'37	minimum elong	-4356 May 25 j 02:21	28° \mathbb{Y} 04'43	1°20'58
max. Earth dist.	-4357 Jun 16 j 01:53	23° \mathbb{B} 31'36	1.36278 AU		-4356 May 26 j 00:29	0° \mathbb{B}	
	-4357 Jun 19 j 11:43	0° \mathbb{II}		max. Earth dist.	-4356 May 28 j 16:39	5° \mathbb{B} 29'51	1.34828 AU
evening rise	-4357 Jun 20 j 04:26	1° \mathbb{II} 17'25		evening rise	-4356 Jun 02 j 08:45	14° \mathbb{B} 44'45	
	-4357 Jul 07 j 10:37	0° \mathbb{E}			-4356 Jun 10 j 17:38	0° \mathbb{II}	
desc. node	-4357 Jul 12 j 00:41	6° \mathbb{E} 36'38		desc. node	-4356 Jun 27 j 21:46	25° \mathbb{II} 59'51	
evening max el	-4357 Jul 25 j 23:19	23° \mathbb{E} 29'32	26°05'04		-4356 Jul 01 j 02:25	0° \mathbb{E}	
	-4357 Aug 04 j 02:55	0° \mathbb{O}		evening max el	-4356 Jul 07 j 10:43	6° \mathbb{E} 56'25	26°56'38
retrograde	-4357 Aug 07 j 11:53	0° \mathbb{O} 38'47		retrograde	-4356 Jul 20 j 14:30	14° \mathbb{E} 17'00	
	-4357 Aug 10 j 15:36	30° \mathbb{K} \mathbb{E}		evening set	-4356 Jul 27 j 10:31	11° \mathbb{E} 28'56	
evening set	-4357 Aug 13 j 19:49	27° \mathbb{E} 57'23		min. Earth dist.	-4356 Jul 31 j 07:29	7° \mathbb{E} 34'25	0.65397 AU
min. Earth dist.	-4357 Aug 18 j 00:16	23° \mathbb{E} 24'20	0.66409 AU	inferior conj	-4356 Aug 02 j 04:39	5° \mathbb{E} 22'45	-2°59'44
inferior conj	-4357 Aug 19 j 08:13	21° \mathbb{E} 43'57	-2°13'34	minimum elong	-4356 Aug 02 j 08:16	5° \mathbb{E} 12'12	2°58'28
minimum elong	-4357 Aug 19 j 11:10	21° \mathbb{E} 34'39	2°12'18		-4356 Aug 07 j 18:59	30° \mathbb{K} \mathbb{II}	
morning rise	-4357 Aug 25 j 02:41	15° \mathbb{E} 51'09		morning rise	-4356 Aug 08 j 06:23	29° \mathbb{II} 43'45	
asc. node	-4357 Aug 26 j 07:01	15° \mathbb{E} 15'34		direct	-4356 Aug 11 j 04:22	28° \mathbb{II} 56'53	
direct	-4357 Aug 28 j 07:37	14° \mathbb{E} 51'58		asc. node	-4356 Aug 12 j 04:07	29° \mathbb{II} 02'15	
morning max el	-4357 Sep 04 j 06:57	18° \mathbb{E} 48'47	19°03'51		-4356 Aug 14 j 15:08	0° \mathbb{E}	
	-4357 Sep 12 j 20:41	0° \mathbb{O}		morning max el	-4356 Aug 17 j 18:46	2° \mathbb{E} 33'56	18°24'06
morning set	-4357 Sep 26 j 14:44	21° \mathbb{O} 23'04			-4356 Sep 05 j 04:23	0° \mathbb{O}	
	-4357 Oct 02 j 01:57	0° \mathbb{H}		morning set	-4356 Sep 06 j 03:21	1° \mathbb{O} 34'05	
desc. node	-4357 Oct 08 j 00:18	9° \mathbb{H} 20'08					
max. Earth dist.	-4357 Oct 11 j 11:48	14° \mathbb{H} 49'11	1.44701 AU	superior conj	-4356 Sep 21 j 00:41	25° \mathbb{O} 33'10	0°18'01
				minimum elong	-4356 Sep 21 j 02:59	25° \mathbb{O} 42'16	0°17'51
superior conj	-4357 Oct 13 j 00:57	17° \mathbb{H} 15'53	-0°31'27	max. Earth dist.	-4356 Sep 23 j 06:14	29° \mathbb{O} 04'51	1.44759 AU
minimum elong	-4357 Oct 12 j 20:58	17° \mathbb{H} 00'05	0°30'52	desc. node	-4356 Sep 23 j 21:13	0° \mathbb{H} 03'58	
	-4357 Oct 21 j 01:02	0° \mathbb{E}			-4356 Sep 23 j 20:12	0° \mathbb{H}	
evening rise	-4357 Oct 28 j 08:12	11° \mathbb{E} 47'58		evening rise	-4356 Oct 07 j 13:10	21° \mathbb{H} 31'23	
	-4357 Nov 08 j 14:19	0° \mathbb{M}			-4356 Oct 12 j 23:00	0° \mathbb{E}	
evening max el	-4357 Nov 17 j 16:42	12° \mathbb{M} 22'44	18°41'15	greatest brilliancy	-4356 Oct 18 j 00:06	7° \mathbb{E} 50'38	-0.8m
				evening max el	-4356 Oct 31 j 01:42	25° \mathbb{E} 49'04	19°23'54

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

retrograde	-4356 Nov 07 j 05:43	29° Ω 57'21		asc. node	-4355 Oct 26 j 00:05	12° Ω 26'53	
asc. node	-4356 Nov 08 j 02:56	29° Ω 52'50		inferior conj	-4355 Oct 31 j 07:10	6° Ω 28'18	1°44'32
evening set	-4356 Nov 10 j 13:49	28° Ω 52'24		minimum elong	-4355 Oct 31 j 04:55	6° Ω 35'52	1°43'39
inferior conj	-4356 Nov 16 j 04:57	22° Ω 58'02	2°31'35	min. Earth dist.	-4355 Nov 01 j 00:44	5° Ω 29'13	0.66781 AU
minimum elong	-4356 Nov 16 j 01:58	23° Ω 07'35	2°30'33	morning rise	-4355 Nov 05 j 13:21	0° Ω 13'15	
min. Earth dist.	-4356 Nov 17 j 10:37	21° Ω 22'47	0.65998 AU		-4355 Nov 05 j 19:28	30° \mathbb{R} \mathbb{M}	
morning rise	-4356 Nov 21 j 13:53	16° Ω 46'25		direct	-4355 Nov 11 j 04:12	27° \mathbb{M} 46'28	
direct	-4356 Nov 27 j 19:29	14° Ω 03'29			-4355 Nov 17 j 06:12	0° Ω	
morning max el	-4356 Dec 10 j 07:07	21° Ω 23'35	26°03'47	morning max el	-4355 Nov 22 j 16:01	4° Ω 36'59	24°45'50
	-4356 Dec 17 j 20:05	0° \mathbb{M}		desc. node	-4355 Dec 07 j 18:08	23° Ω 27'31	
desc. node	-4356 Dec 20 j 21:11	3° \mathbb{M} 57'27			-4355 Dec 12 j 05:50	0° \mathbb{M}	
	-4355 Jan 07 j 02:18	0° \mathbb{X}		morning set	-4355 Dec 28 j 17:23	26° \mathbb{M} 47'24	
morning set	-4355 Jan 15 j 11:54	14° \mathbb{X} 50'03			-4355 Dec 30 j 12:39	0° \mathbb{X}	
max. Earth dist.	-4355 Jan 19 j 11:41	22° \mathbb{X} 23'59	1.35614 AU	max. Earth dist.	-4354 Jan 01 j 11:10	3° \mathbb{X} 31'05	1.37411 AU
	-4355 Jan 23 j 08:03	0° \mathbb{Z}					
				superior conj	-4354 Jan 08 j 00:36	15° \mathbb{X} 55'40	-1°46'10
superior conj	-4355 Jan 24 j 13:49	2° \mathbb{Z} 30'19	-1°31'02	minimum elong	-4354 Jan 08 j 03:04	16° \mathbb{X} 07'38	1°46'12
minimum elong	-4355 Jan 24 j 16:54	2° \mathbb{Z} 45'58	1°30'53		-4354 Jan 15 j 02:40	0° \mathbb{Z}	
evening rise	-4355 Feb 01 j 09:16	18° \mathbb{Z} 33'58		evening rise	-4354 Jan 16 j 11:02	2° \mathbb{Z} 41'47	
asc. node	-4355 Feb 04 j 01:58	24° \mathbb{Z} 00'29		asc. node	-4354 Jan 21 j 23:02	13° \mathbb{Z} 21'21	
	-4355 Feb 07 j 04:36	0° \approx			-4354 Feb 02 j 07:57	0° \approx	
evening max el	-4355 Feb 19 j 18:57	18° \approx 11'32	20°21'20	evening max el	-4354 Feb 02 j 11:09	0° \approx 07'42	19°18'30
retrograde	-4355 Mar 02 j 09:38	23° \approx 13'51		retrograde	-4354 Feb 11 j 11:18	4° \approx 24'58	
evening set	-4355 Mar 04 j 17:35	23° \approx 00'18		evening set	-4354 Feb 13 j 20:04	4° \approx 08'32	
inferior conj	-4355 Mar 13 j 15:17	19° \approx 01'35	1°24'34	inferior conj	-4354 Feb 22 j 01:21	29° \mathbb{Z} 59'09	2°54'05
minimum elong	-4355 Mar 13 j 18:50	18° \approx 56'19	1°23'16	minimum elong	-4354 Feb 22 j 06:23	29° \mathbb{Z} 50'43	2°52'41
min. Earth dist.	-4355 Mar 15 j 07:38	18° \approx 02'00	0.55514 AU		-4354 Feb 22 j 00:50	30° \mathbb{R} \mathbb{Z}	
desc. node	-4355 Mar 18 j 20:17	16° \approx 07'26		min. Earth dist.	-4354 Feb 24 j 22:36	28° \mathbb{Z} 03'55	0.56688 AU
morning rise	-4355 Mar 22 j 18:30	14° \approx 38'58		morning rise	-4354 Mar 02 j 14:01	25° \mathbb{Z} 06'23	
direct	-4355 Mar 26 j 08:57	14° \approx 10'40		desc. node	-4354 Mar 05 j 17:25	24° \mathbb{Z} 19'30	
morning max el	-4355 Apr 08 j 21:50	20° \approx 50'04	23°24'46	direct	-4354 Mar 07 j 09:33	24° \mathbb{Z} 12'57	
	-4355 Apr 16 j 16:43	0° \mathbb{X}			-4354 Mar 19 j 23:27	0° \approx	
morning set	-4355 May 02 j 08:09	27° \mathbb{X} 52'24		morning max el	-4354 Mar 21 j 12:58	1° \approx 25'58	25°02'21
asc. node	-4355 May 03 j 01:39	29° \mathbb{X} 24'18			-4354 Apr 10 j 09:11	0° \mathbb{X}	
	-4355 May 03 j 08:25	0° \mathbb{Y}		morning set	-4354 Apr 16 j 20:25	12° \mathbb{X} 55'18	
				asc. node	-4354 Apr 19 j 22:38	19° \mathbb{X} 31'01	
superior conj	-4355 May 09 j 11:03	13° \mathbb{Y} 04'42	1°01'51				
minimum elong	-4355 May 09 j 08:40	12° \mathbb{Y} 51'55	1°01'29	superior conj	-4354 Apr 23 j 20:44	28° \mathbb{X} 01'49	0°39'44
max. Earth dist.	-4355 May 11 j 17:16	17° \mathbb{Y} 52'46	1.33746 AU	minimum elong	-4354 Apr 23 j 19:03	27° \mathbb{X} 52'45	0°39'24
evening rise	-4355 May 17 j 01:19	28° \mathbb{Y} 50'41			-4354 Apr 24 j 18:31	0° \mathbb{Y}	
	-4355 May 17 j 15:17	0° \mathbb{Z}		max. Earth dist.	-4354 Apr 25 j 01:27	0° \mathbb{Y} 37'31	1.33025 AU
	-4355 Jun 03 j 20:55	0° \mathbb{I}		evening rise	-4354 May 01 j 02:22	13° \mathbb{Y} 22'32	
desc. node	-4355 Jun 14 j 18:53	14° \mathbb{I} 39'50			-4354 May 09 j 18:27	0° \mathbb{Z}	
evening max el	-4355 Jun 19 j 21:31	20° \mathbb{I} 07'41	27°23'04		-4354 May 30 j 10:48	0° \mathbb{I}	
retrograde	-4355 Jul 03 j 11:38	27° \mathbb{I} 32'17		desc. node	-4354 Jun 01 j 16:02	2° \mathbb{I} 17'36	
evening set	-4355 Jul 10 j 14:38	24° \mathbb{I} 48'52		evening max el	-4354 Jun 02 j 05:34	2° \mathbb{I} 50'29	27°18'59
min. Earth dist.	-4355 Jul 14 j 05:58	21° \mathbb{I} 29'31	0.64001 AU	retrograde	-4354 Jun 16 j 02:37	10° \mathbb{I} 14'39	
inferior conj	-4355 Jul 16 j 17:16	18° \mathbb{I} 52'31	-3°38'45	evening set	-4354 Jun 23 j 04:25	7° \mathbb{I} 50'08	
minimum elong	-4355 Jul 16 j 20:51	18° \mathbb{I} 42'59	3°37'48	min. Earth dist.	-4354 Jun 26 j 18:45	4° \mathbb{I} 56'43	0.62244 AU
morning rise	-4355 Jul 23 j 03:49	13° \mathbb{I} 30'26		inferior conj	-4354 Jun 29 j 19:04	2° \mathbb{I} 06'14	-4°06'32
direct	-4355 Jul 25 j 20:59	12° \mathbb{I} 53'08		minimum elong	-4354 Jun 29 j 21:33	2° \mathbb{I} 00'21	4°06'05
asc. node	-4355 Jul 30 j 01:12	14° \mathbb{I} 20'40			-4354 Jul 02 j 02:29	30° \mathbb{R} \mathbb{Z}	
morning max el	-4355 Aug 01 j 09:18	16° \mathbb{I} 19'14	18°01'37	morning rise	-4354 Jul 06 j 15:59	27° \mathbb{Z} 03'41	
	-4355 Aug 11 j 02:52	0° \mathbb{Z}		direct	-4354 Jul 09 j 06:10	26° \mathbb{Z} 33'44	
morning set	-4355 Aug 18 j 18:23	13° \mathbb{Z} 00'29		morning max el	-4354 Jul 15 j 23:50	29° \mathbb{Z} 58'09	17°57'20
	-4355 Aug 28 j 19:50	0° Ω			-4354 Jul 16 j 00:36	0° \mathbb{I}	
				asc. node	-4354 Jul 16 j 22:15	0° \mathbb{I} 56'09	
superior conj	-4355 Aug 31 j 15:29	4° Ω 37'48	1°01'18	morning set	-4354 Aug 01 j 07:01	25° \mathbb{I} 28'37	
minimum elong	-4355 Aug 31 j 21:15	5° Ω 01'21	1°00'48		-4354 Aug 03 j 19:26	0° \mathbb{Z}	
max. Earth dist.	-4355 Sep 05 j 23:03	13° Ω 12'28	1.44097 AU				
desc. node	-4355 Sep 10 j 18:10	20° Ω 48'04		superior conj	-4354 Aug 12 j 09:06	15° \mathbb{Z} 02'13	1°30'50
evening rise	-4355 Sep 16 j 21:58	0° \mathbb{M} 23'34		minimum elong	-4354 Aug 12 j 13:57	15° \mathbb{Z} 22'59	1°30'38
	-4355 Sep 16 j 15:52	0° \mathbb{M}		max. Earth dist.	-4354 Aug 19 j 11:12	26° \mathbb{Z} 53'16	1.42809 AU
	-4355 Oct 06 j 18:06	0° Ω			-4354 Aug 21 j 09:10	0° Ω	
evening max el	-4355 Oct 14 j 05:38	9° Ω 15'23	20°21'40	evening rise	-4354 Aug 27 j 02:42	9° Ω 06'59	
retrograde	-4355 Oct 22 j 03:02	13° Ω 54'00		desc. node	-4354 Aug 28 j 15:10	11° Ω 29'17	
evening set	-4355 Oct 25 j 20:17	12° Ω 33'53			-4354 Sep 09 j 21:20	0° \mathbb{M}	


































































































Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-4354 Sep 27 j 03:25	22° \mathbb{M} 41'03	21°31'50	evening max el	-4353 Sep 09 j 19:24	6° \mathbb{M} 06'22	22°50'18
retrograde	-4354 Oct 05 j 23:34	27° \mathbb{M} 55'51		retrograde	-4353 Sep 19 j 17:44	11° \mathbb{M} 59'39	
evening set	-4354 Oct 10 j 04:13	26° \mathbb{M} 18'07		evening set	-4353 Sep 24 j 11:49	10° \mathbb{M} 02'28	
asc. node	-4354 Oct 12 j 21:13	23° \mathbb{M} 33'37		inferior conj	-4353 Sep 29 j 19:03	3° \mathbb{M} 45'04	0°00'36
inferior conj	-4354 Oct 15 j 12:30	20° \mathbb{M} 04'56	0°53'36	minimum elong	-4353 Sep 29 j 19:02	3° \mathbb{M} 45'08	0°00'42
minimum elong	-4354 Oct 15 j 11:17	20° \mathbb{M} 09'07	0°53'08	transit middle	-4353 Sep 29 j 19:02	3° \mathbb{M} 45'08	0°00'42
min. Earth dist.	-4354 Oct 15 j 19:14	19° \mathbb{M} 41'42	0.67245 AU	transit begin	-4353 Sep 29 j 16:20	3° \mathbb{M} 54'26	
morning rise	-4354 Oct 20 j 18:10	13° \mathbb{M} 49'15		transit end	-4353 Sep 29 j 21:44	3° \mathbb{M} 35'50	
direct	-4354 Oct 25 j 17:49	11° \mathbb{M} 42'47		min. Earth dist.	-4353 Sep 29 j 15:32	3° \mathbb{M} 57'11	0.67412 AU
morning max el	-4354 Nov 05 j 01:30	17° \mathbb{M} 52'49	23°20'02	asc. node	-4353 Sep 29 j 18:21	3° \mathbb{M} 47'28	
	-4354 Nov 15 j 03:29	0° \mathbb{L}			-4353 Oct 02 j 15:31	30° \mathbb{R} \mathbb{L}	
desc. node	-4354 Nov 24 j 15:05	13° \mathbb{L} 24'31		morning rise	-4353 Oct 05 j 02:08	27° \mathbb{L} 31'54	
	-4354 Dec 05 j 08:40	0° \mathbb{M}		direct	-4353 Oct 09 j 11:28	25° \mathbb{L} 46'47	
morning set	-4354 Dec 09 j 21:42	7° \mathbb{M} 27'53			-4353 Oct 17 j 09:05	0° \mathbb{M}	
max. Earth dist.	-4354 Dec 14 j 06:46	14° \mathbb{M} 55'54	1.39455 AU	morning max el	-4353 Oct 18 j 14:41	1° \mathbb{M} 12'20	21°55'17
					-4353 Nov 09 j 01:48	0° \mathbb{L}	
superior conj	-4354 Dec 21 j 21:06	28° \mathbb{M} 34'49	-1°53'44	desc. node	-4353 Nov 11 j 12:01	3° \mathbb{L} 40'03	
minimum elong	-4354 Dec 21 j 21:40	28° \mathbb{M} 37'30	1°53'53	morning set	-4353 Nov 19 j 21:16	16° \mathbb{L} 44'33	
	-4354 Dec 22 j 15:25	0° \mathbb{X}		max. Earth dist.	-4353 Nov 26 j 06:25	27° \mathbb{L} 08'53	1.41478 AU
evening rise	-4354 Dec 31 j 04:53	16° \mathbb{X} 20'44			-4353 Nov 27 j 23:17	0° \mathbb{M}	
	-4353 Jan 07 j 12:46	0° \mathbb{Z}					
asc. node	-4353 Jan 08 j 20:07	2° \mathbb{Z} 13'37		superior conj	-4353 Dec 03 j 21:52	10° \mathbb{M} 13'25	-1°50'21
evening max el	-4353 Jan 16 j 12:37	12° \mathbb{Z} 36'38	18°35'21	minimum elong	-4353 Dec 03 j 19:13	10° \mathbb{M} 01'47	1°50'22
retrograde	-4353 Jan 24 j 06:37	16° \mathbb{Z} 22'57		evening rise	-4353 Dec 14 j 11:29	29° \mathbb{M} 22'54	
evening set	-4353 Jan 26 j 18:31	16° \mathbb{Z} 00'53			-4353 Dec 14 j 19:30	0° \mathbb{X}	
inferior conj	-4353 Feb 03 j 07:06	11° \mathbb{Z} 32'42	3°45'59	asc. node	-4353 Dec 26 j 17:11	20° \mathbb{X} 27'42	
minimum elong	-4353 Feb 03 j 10:12	11° \mathbb{Z} 26'41	3°45'22	evening max el	-4353 Dec 30 j 20:40	25° \mathbb{X} 30'02	18°12'16
min. Earth dist.	-4353 Feb 06 j 15:58	8° \mathbb{Z} 56'47	0.58450 AU	retrograde	-4352 Jan 06 j 19:40	29° \mathbb{X} 00'53	
morning rise	-4353 Feb 10 j 23:32	6° \mathbb{Z} 13'40		evening set	-4352 Jan 09 j 10:30	28° \mathbb{X} 31'51	
direct	-4353 Feb 16 j 23:35	4° \mathbb{Z} 42'54		inferior conj	-4352 Jan 16 j 08:41	23° \mathbb{X} 41'51	4°03'52
desc. node	-4353 Feb 20 j 14:31	5° \mathbb{Z} 15'20		minimum elong	-4352 Jan 16 j 08:54	23° \mathbb{X} 41'20	4°03'40
morning max el	-4353 Mar 03 j 05:41	12° \mathbb{Z} 13'25	26°25'42	min. Earth dist.	-4352 Jan 19 j 14:23	20° \mathbb{X} 48'11	0.60448 AU
	-4353 Mar 17 j 03:14	0° \mathbb{A}		morning rise	-4352 Jan 23 j 05:48	18° \mathbb{X} 03'56	
morning set	-4353 Apr 01 j 07:41	27° \mathbb{A} 54'58		direct	-4352 Jan 30 j 00:39	15° \mathbb{X} 55'13	
	-4353 Apr 02 j 07:27	0° \mathbb{H}		desc. node	-4352 Feb 07 j 11:35	18° \mathbb{X} 52'39	
asc. node	-4353 Apr 06 j 19:37	9° \mathbb{H} 43'26		morning max el	-4352 Feb 13 j 04:00	23° \mathbb{X} 33'53	27°21'33
					-4352 Feb 18 j 23:39	0° \mathbb{Z}	
superior conj	-4353 Apr 08 j 08:13	13° \mathbb{H} 03'32	0°15'50		-4352 Mar 09 j 05:18	0° \mathbb{A}	
minimum elong	-4353 Apr 08 j 07:31	12° \mathbb{H} 59'45	0°15'37	morning set	-4352 Mar 15 j 16:11	12° \mathbb{A} 44'44	
behind sun begin	-4353 Apr 08 j 06:53	12° \mathbb{H} 56'15		max. Earth dist.	-4352 Mar 22 j 03:20	26° \mathbb{A} 33'35	1.32607 AU
behind sun end	-4353 Apr 08 j 08:09	13° \mathbb{H} 03'14					
max. Earth dist.	-4353 Apr 08 j 14:01	13° \mathbb{H} 35'20	1.32649 AU	superior conj	-4352 Mar 22 j 19:50	28° \mathbb{A} 03'40	-0°09'02
evening rise	-4353 Apr 15 j 09:03	28° \mathbb{H} 10'50		minimum elong	-4352 Mar 22 j 20:14	28° \mathbb{A} 05'54	0°09'03
	-4353 Apr 16 j 06:09	0° \mathbb{Y}		behind sun begin	-4352 Mar 22 j 16:05	27° \mathbb{A} 43'14	
	-4353 May 03 j 04:37	0° \mathbb{B}		behind sun end	-4352 Mar 23 j 00:23	28° \mathbb{A} 28'34	
evening max el	-4353 May 15 j 08:44	14° \mathbb{B} 55'17	26°42'06	asc. node	-4352 Mar 23 j 16:36	29° \mathbb{A} 57'14	
desc. node	-4353 May 19 j 13:10	18° \mathbb{B} 27'17			-4352 Mar 23 j 17:06	0° \mathbb{H}	
retrograde	-4353 May 29 j 10:04	22° \mathbb{B} 15'40		evening rise	-4352 Mar 29 j 19:07	13° \mathbb{H} 07'29	
evening set	-4353 Jun 04 j 23:42	20° \mathbb{B} 23'27			-4352 Apr 07 j 09:43	0° \mathbb{Y}	
min. Earth dist.	-4353 Jun 08 j 22:12	17° \mathbb{B} 41'15	0.60249 AU	evening max el	-4352 Apr 26 j 05:45	26° \mathbb{Y} 18'57	25°35'21
inferior conj	-4353 Jun 12 j 06:32	14° \mathbb{B} 55'41	-4°16'42		-4352 Apr 30 j 16:02	0° \mathbb{B}	
minimum elong	-4353 Jun 12 j 06:32	14° \mathbb{B} 55'41	4°16'34	desc. node	-4352 May 05 j 10:17	2° \mathbb{B} 35'14	
morning rise	-4353 Jun 19 j 15:26	10° \mathbb{B} 14'17		retrograde	-4352 May 10 j 07:45	3° \mathbb{B} 31'40	
direct	-4353 Jun 22 j 04:03	9° \mathbb{B} 50'01		evening set	-4352 May 15 j 21:36	2° \mathbb{B} 17'55	
morning max el	-4353 Jun 29 j 11:30	13° \mathbb{B} 23'14	18°12'09		-4352 May 20 j 00:44	30° \mathbb{R} \mathbb{Y}	
asc. node	-4353 Jul 03 j 19:18	18° \mathbb{B} 33'08		min. Earth dist.	-4352 May 20 j 18:13	29° \mathbb{Y} 30'36	0.58236 AU
	-4353 Jul 10 j 18:36	0° \mathbb{I}		inferior conj	-4352 May 24 j 00:09	27° \mathbb{Y} 11'47	-4°00'15
morning set	-4353 Jul 15 j 11:51	8° \mathbb{I} 44'36		minimum elong	-4352 May 23 j 20:43	27° \mathbb{Y} 17'57	3°59'44
				morning rise	-4352 May 31 j 22:38	22° \mathbb{Y} 51'31	
superior conj	-4353 Jul 25 j 04:56	26° \mathbb{I} 44'42	1°45'58	direct	-4352 Jun 03 j 10:23	22° \mathbb{Y} 31'51	
minimum elong	-4353 Jul 25 j 07:05	26° \mathbb{I} 54'19	1°46'05	morning max el	-4352 Jun 11 j 17:28	26° \mathbb{Y} 26'20	18°46'57
	-4353 Jul 27 j 00:36	0° \mathbb{G}			-4352 Jun 14 j 22:38	0° \mathbb{B}	
max. Earth dist.	-4353 Aug 01 j 17:45	9° \mathbb{G} 55'09	1.41082 AU	asc. node	-4352 Jun 19 j 16:19	6° \mathbb{B} 58'10	
evening rise	-4353 Aug 06 j 23:04	18° \mathbb{G} 35'20		morning set	-4352 Jun 28 j 04:31	22° \mathbb{B} 37'58	
	-4353 Aug 14 j 03:58	0° \mathbb{L}			-4352 Jul 01 j 23:02	0° \mathbb{I}	
desc. node	-4353 Aug 15 j 12:10	2° \mathbb{L} 03'35					
	-4353 Sep 04 j 09:31	0° \mathbb{M}		superior conj	-4352 Jul 06 j 21:52	9° \mathbb{I} 32'00	1°49'08

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4352 Jul 06 j 21:31	9° Π 30'20	1°49'19			-4351 Jun 23 j 18:50	0° Π	
max. Earth dist.	-4352 Jul 13 j 20:18	22° Π 16'19	1.39150 AU	max. Earth dist.	-4351 Jun 25 j 23:00	4° Π 07'21	1.37259 AU	
evening rise	-4352 Jul 17 j 21:13	29° Π 18'34		evening rise	-4351 Jun 29 j 20:22	11° Π 15'56		
	-4352 Jul 18 j 06:56	0° \mathfrak{S}			-4351 Jul 10 j 22:36	0° \mathfrak{S}		
desc. node	-4352 Aug 01 j 09:10	22° \mathfrak{S} 27'00		desc. node	-4351 Jul 19 j 06:12	12° \mathfrak{S} 33'20		
	-4352 Aug 06 j 14:01	0° Ω			-4351 Aug 01 j 19:47	0° Ω		
evening max el	-4352 Aug 22 j 07:27	19° Ω 33'46	24°11'02	evening max el	-4351 Aug 04 j 17:59	3° Ω 03'24	25°26'48	
retrograde	-4352 Sep 02 j 08:24	26° Ω 03'03		retrograde	-4351 Aug 16 j 18:56	10° Ω 01'23		
evening set	-4352 Sep 07 j 17:19	23° Ω 46'09		evening set	-4351 Aug 22 j 18:51	7° Ω 27'09		
min. Earth dist.	-4352 Sep 12 j 11:14	18° Ω 14'51	0.67280 AU	min. Earth dist.	-4351 Aug 27 j 03:54	2° Ω 32'28	0.66827 AU	
inferior conj	-4352 Sep 13 j 01:09	17° Ω 27'49	-0°52'46	inferior conj	-4351 Aug 28 j 05:01	1° Ω 10'57	-1°44'52	
minimum elong	-4352 Sep 13 j 02:22	17° Ω 23'40	0°52'06	minimum elong	-4351 Aug 28 j 07:24	1° Ω 03'12	1°43'46	
asc. node	-4352 Sep 15 j 15:28	14° Ω 06'20			-4351 Aug 29 j 03:03	30° \mathfrak{R} \mathfrak{S}		
morning rise	-4352 Sep 18 j 11:23	11° Ω 20'14		morning rise	-4351 Sep 02 j 20:03	25° \mathfrak{S} 12'05		
direct	-4352 Sep 22 j 07:59	9° Ω 55'15		asc. node	-4351 Sep 02 j 12:35	25° \mathfrak{S} 24'55		
morning max el	-4352 Sep 30 j 10:25	14° Ω 39'58	20°38'30	direct	-4351 Sep 06 j 06:00	24° \mathfrak{S} 04'32		
	-4352 Oct 12 j 07:57	0° \mathfrak{M}		morning max el	-4351 Sep 13 j 13:27	28° \mathfrak{S} 16'21	19°34'09	
desc. node	-4352 Oct 28 j 08:57	24° \mathfrak{M} 08'43			-4351 Sep 15 j 03:35	0° Ω		
morning set	-4352 Oct 28 j 23:11	25° \mathfrak{M} 03'58			-4351 Oct 05 j 18:44	0° \mathfrak{M}		
	-4352 Nov 01 j 02:58	0° \mathfrak{L}		morning set	-4351 Oct 08 j 00:13	3° \mathfrak{M} 27'51		
max. Earth dist.	-4352 Nov 07 j 13:44	10° \mathfrak{L} 16'14	1.43181 AU	desc. node	-4351 Oct 15 j 05:53	14° \mathfrak{M} 46'01		
				max. Earth dist.	-4351 Oct 21 j 03:24	24° \mathfrak{M} 03'45	1.44332 AU	
superior conj	-4352 Nov 13 j 21:20	20° \mathfrak{L} 38'11	-1°32'18	superior conj	-4351 Oct 24 j 17:19	29° \mathfrak{M} 46'03	-0°57'40	
minimum elong	-4352 Nov 13 j 15:16	20° \mathfrak{L} 12'53	1°31'51	minimum elong	-4351 Oct 24 j 10:58	29° \mathfrak{M} 20'35	0°56'54	
	-4352 Nov 19 j 10:05	0° \mathfrak{M}			-4351 Oct 24 j 20:48	0° \mathfrak{L}		
evening rise	-4352 Nov 26 j 02:53	11° \mathfrak{M} 40'28		evening rise	-4351 Nov 07 j 22:26	23° \mathfrak{L} 03'46		
	-4352 Dec 06 j 19:44	0° \mathfrak{J}			-4351 Nov 12 j 01:44	0° \mathfrak{M}		
asc. node	-4352 Dec 12 j 14:16	7° \mathfrak{J} 52'23		asc. node	-4351 Nov 26 j 21:05	22° \mathfrak{M} 00'15	18°24'16	
evening max el	-4352 Dec 13 j 08:25	8° \mathfrak{J} 40'05	18°08'49	evening max el	-4351 Nov 29 j 11:21	24° \mathfrak{M} 13'44		
retrograde	-4352 Dec 19 j 22:41	12° \mathfrak{J} 08'44		retrograde	-4351 Dec 03 j 11:10	25° \mathfrak{M} 37'28		
evening set	-4352 Dec 22 j 16:30	11° \mathfrak{J} 31'54		evening set	-4351 Dec 06 j 09:01	24° \mathfrak{M} 51'29		
inferior conj	-4352 Dec 29 j 03:03	6° \mathfrak{J} 20'37	3°56'37	inferior conj	-4351 Dec 12 j 10:25	19° \mathfrak{M} 21'17	3°32'11	
minimum elong	-4352 Dec 29 j 01:07	6° \mathfrak{J} 25'34	3°56'15	minimum elong	-4351 Dec 12 j 07:25	19° \mathfrak{M} 29'52	3°31'26	
min. Earth dist.	-4352 Dec 31 j 21:13	3° \mathfrak{J} 31'52	0.62377 AU	min. Earth dist.	-4351 Dec 14 j 14:10	16° \mathfrak{M} 54'07	0.64047 AU	
morning rise	-4351 Jan 04 j 08:51	0° \mathfrak{J} 29'05		morning rise	-4351 Dec 18 j 05:16	13° \mathfrak{M} 19'44		
	-4351 Jan 05 j 01:27	30° \mathfrak{R} \mathfrak{M}		direct	-4351 Dec 25 j 04:00	10° \mathfrak{M} 29'46		
direct	-4351 Jan 11 j 10:32	27° \mathfrak{M} 52'28		direct	-4351 Dec 25 j 04:00	10° \mathfrak{M} 29'46		
	-4351 Jan 18 j 07:48	0° \mathfrak{J}		morning max el	-4350 Jan 07 j 17:07	18° \mathfrak{M} 12'11	27°27'14	
desc. node	-4351 Jan 24 j 08:39	4° \mathfrak{J} 38'11		desc. node	-4350 Jan 11 j 05:41	21° \mathfrak{M} 56'56		
morning max el	-4351 Jan 25 j 08:30	5° \mathfrak{J} 35'20	27°42'15		-4350 Jan 17 j 17:23	0° \mathfrak{J}		
	-4351 Feb 12 j 19:54	0° \mathfrak{Z}			-4350 Feb 05 j 15:52	0° \mathfrak{Z}		
morning set	-4351 Feb 27 j 19:46	27° \mathfrak{Z} 16'50		morning set	-4350 Feb 11 j 15:49	11° \mathfrak{Z} 22'35		
	-4351 Mar 01 j 03:40	0° \approx		max. Earth dist.	-4350 Feb 16 j 16:27	21° \mathfrak{Z} 34'54	1.33619 AU	
max. Earth dist.	-4351 Mar 05 j 13:28	9° \approx 17'46	1.32918 AU					
superior conj	-4351 Mar 07 j 05:54	12° \approx 55'53	-0°33'57	superior conj	-4350 Feb 19 j 12:41	27° \mathfrak{Z} 34'15	-0°58'00	
minimum elong	-4351 Mar 07 j 07:25	13° \approx 04'02	0°33'49	minimum elong	-4350 Feb 19 j 15:08	27° \mathfrak{Z} 47'17	0°57'45	
asc. node	-4351 Mar 10 j 13:34	20° \approx 08'00		asc. node	-4350 Feb 20 j 16:02	0° \approx		
evening rise	-4351 Mar 14 j 06:39	28° \approx 04'56		evening rise	-4350 Feb 25 j 10:34	10° \approx 11'43		
	-4351 Mar 15 j 04:38	0° \mathfrak{H}			-4350 Feb 26 j 17:56	12° \approx 56'58		
	-4351 Apr 01 j 14:27	0° \mathfrak{Y}		evening max el	-4350 Mar 07 j 12:23	0° \mathfrak{H}		
evening max el	-4351 Apr 07 j 22:06	7° \mathfrak{Y} 10'06	24°07'57	retrograde	-4350 Mar 20 j 15:14	17° \mathfrak{H} 53'51	22°33'43	
retrograde	-4351 Apr 21 j 17:41	14° \mathfrak{Y} 05'53		evening set	-4350 Apr 02 j 15:33	24° \mathfrak{H} 15'21		
desc. node	-4351 Apr 22 j 07:25	14° \mathfrak{Y} 05'08		desc. node	-4350 Apr 05 j 17:15	23° \mathfrak{H} 54'38		
evening set	-4351 Apr 26 j 00:03	13° \mathfrak{Y} 25'21		min. Earth dist.	-4350 Apr 09 j 04:32	22° \mathfrak{H} 46'05		
min. Earth dist.	-4351 May 02 j 09:48	10° \mathfrak{Y} 19'07	0.56514 AU	inferior conj	-4350 Apr 14 j 00:08	20° \mathfrak{H} 17'19	0.55424 AU	
inferior conj	-4351 May 04 j 21:35	8° \mathfrak{Y} 46'02	-3°07'18	minimum elong	-4350 Apr 15 j 01:16	19° \mathfrak{H} 41'24	-1°35'13	
minimum elong	-4351 May 04 j 15:49	8° \mathfrak{Y} 55'04	3°05'54	morning rise	-4350 Apr 14 j 21:07	19° \mathfrak{H} 47'20	1°33'55	
morning rise	-4351 May 13 j 10:40	4° \mathfrak{Y} 42'59		direct	-4350 Apr 24 j 02:53	15° \mathfrak{H} 44'01		
direct	-4351 May 15 j 21:52	4° \mathfrak{Y} 26'52		morning max el	-4350 Apr 26 j 16:24	15° \mathfrak{H} 28'49		
morning max el	-4351 May 25 j 14:58	8° \mathfrak{Y} 57'26	19°42'15		-4350 May 08 j 02:03	20° \mathfrak{H} 49'10	20°57'08	
asc. node	-4351 Jun 06 j 13:19	25° \mathfrak{Y} 59'04		asc. node	-4350 May 15 j 14:58	0° \mathfrak{Y}		
	-4351 Jun 08 j 16:33	0° \mathfrak{B}		morning set	-4350 May 24 j 10:19	15° \mathfrak{Y} 27'02		
morning set	-4351 Jun 12 j 05:34	6° \mathfrak{B} 58'50			-4350 May 27 j 12:20	21° \mathfrak{Y} 39'48		
					-4350 May 31 j 12:50	0° \mathfrak{B}		
superior conj	-4351 Jun 20 j 06:14	23° \mathfrak{B} 07'40	1°43'14	superior conj	-4350 Jun 04 j 01:34	7° \mathfrak{B} 18'34	1°30'42	
minimum elong	-4351 Jun 20 j 04:17	22° \mathfrak{B} 58'04	1°43'16	minimum elong	-4350 Jun 03 j 22:55	7° \mathfrak{B} 05'02	1°30'33	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

max. Earth dist.	-4350 Jun 08 j 07:53	15°  54'35	1.35616 AU	superior conj	-4349 May 19 j 04:25	21°  53'49	1°13'25
evening rise	-4350 Jun 12 j 15:37	24°  15'01		minimum elong	-4349 May 19 j 01:47	21°  39'55	1°13'06
	-4350 Jun 15 j 18:25	0°  II		max. Earth dist.	-4349 May 22 j 02:42	28°  01'23	1.34324 AU
	-4350 Jul 04 j 11:59	0°  ☿			-4349 May 23 j 01:45	0°  	
desc. node	-4350 Jul 06 j 03:15	2°  ☿15'05		evening rise	-4349 May 27 j 01:42	8°  00'29	
evening max el	-4350 Jul 18 j 04:52	16°  ☿32'55	26°29'33		-4349 Jun 08 j 07:17	0°  II	
retrograde	-4350 Jul 31 j 00:45	23°  ☿48'55		desc. node	-4349 Jun 23 j 00:19	21°  II21'44	
evening set	-4350 Aug 06 j 14:16	21°  ☿03'14		evening max el	-4349 Jun 30 j 16:16	29°  II54'51	27°11'23
min. Earth dist.	-4350 Aug 10 j 15:17	16°  ☿46'47	0.66023 AU		-4349 Jun 30 j 18:25	0°  ☿	
inferior conj	-4350 Aug 12 j 04:48	14°  ☿52'19	-2°33'51	retrograde	-4349 Jul 14 j 01:21	7°  ☿18'21	
minimum elong	-4350 Aug 12 j 08:05	14°  ☿42'14	2°32'33	evening set	-4349 Jul 21 j 00:56	4°  ☿30'52	
morning rise	-4350 Aug 18 j 02:11	9°  ☿05'08		min. Earth dist.	-4349 Jul 24 j 19:12	0°  ☿51'44	0.64844 AU
asc. node	-4350 Aug 20 j 09:42	8°  ☿14'58			-4349 Jul 25 j 13:48	30°  	
direct	-4350 Aug 21 j 03:46	8°  ☿11'45		inferior conj	-4349 Jul 26 j 22:17	28°  II28'17	-3°17'24
morning max el	-4350 Aug 27 j 22:40	11°  ☿59'21	18°44'53	minimum elong	-4349 Jul 27 j 01:59	28°  II17'51	3°16'14
	-4350 Sep 09 j 19:37	0°  ♊		morning rise	-4349 Aug 02 j 03:34	22°  II55'55	
morning set	-4350 Sep 17 j 21:06	12°  ♊52'25		direct	-4349 Aug 04 j 23:10	22°  II13'31	
	-4350 Sep 28 j 15:37	0°  ♊		asc. node	-4349 Aug 07 j 06:48	22°  II42'01	
desc. node	-4350 Oct 02 j 02:48	5°  ♊28'10		morning max el	-4349 Aug 11 j 11:57	25°  II45'13	18°12'18
					-4349 Aug 15 j 01:42	0°  ☿	
superior conj	-4350 Oct 03 j 18:35	8°  ♊04'54	-0°10'29	morning set	-4349 Aug 29 j 21:27	23°  ☿36'59	
minimum elong	-4350 Oct 03 j 17:12	7°  ♊59'29	0°10'13		-4349 Sep 02 j 17:34	0°  ♊	
behind sun begin	-4350 Oct 03 j 08:12	7°  ♊23'58					
behind sun end	-4350 Oct 04 j 02:13	8°  ♊35'01		superior conj	-4349 Sep 12 j 22:25	16°  ♊36'04	0°37'46
max. Earth dist.	-4350 Oct 03 j 20:28	8°  ♊12'20	1.44807 AU	minimum elong	-4349 Sep 13 j 02:48	16°  ♊53'34	0°37'21
	-4350 Oct 17 j 14:52	0°  ♊		max. Earth dist.	-4349 Sep 16 j 14:12	22°  ♊25'24	1.44559 AU
evening rise	-4350 Oct 19 j 17:47	3°  ♊23'25		desc. node	-4349 Sep 18 j 23:45	26°  ♊12'37	
	-4350 Nov 05 j 21:20	0°  ♊			-4349 Sep 21 j 09:37	0°  ♊	
evening max el	-4350 Nov 10 j 08:06	5°  ♊25'04	18°57'29	evening rise	-4349 Sep 29 j 12:56	12°  ♊41'37	
asc. node	-4350 Nov 16 j 08:30	9°  ♊15'33			-4349 Oct 10 j 18:32	0°  ♊	
retrograde	-4350 Nov 17 j 05:13	9°  ♊19'45		greatest brilliancy	-4349 Oct 12 j 02:15	1°  ♊59'48	-0.7m
evening set	-4350 Nov 20 j 08:55	8°  ♊22'35		evening max el	-4349 Oct 24 j 15:13	18°  ♊51'55	19°46'51
inferior conj	-4350 Nov 26 j 03:16	2°  ♊36'20	2°56'07	retrograde	-4349 Nov 01 j 01:54	23°  ♊12'03	
minimum elong	-4350 Nov 26 j 00:05	2°  ♊46'10	2°55'06	asc. node	-4349 Nov 03 j 05:39	22°  ♊45'02	
min. Earth dist.	-4350 Nov 27 j 16:43	0°  ♊40'32	0.65385 AU	evening set	-4349 Nov 04 j 13:37	22°  ♊01'04	
	-4350 Nov 28 j 06:08	30°  		inferior conj	-4349 Nov 10 j 02:45	16°  ♊01'49	2°12'14
morning rise	-4350 Dec 01 j 14:54	26°  ♊27'36		minimum elong	-4349 Nov 10 j 00:02	16°  ♊10'43	2°11'14
direct	-4350 Dec 08 j 04:03	23°  ♊38'30		min. Earth dist.	-4349 Nov 11 j 03:11	14°  ♊41'38	0.66374 AU
	-4350 Dec 19 j 21:34	0°  ♊		morning rise	-4349 Nov 15 j 10:13	9°  ♊48'28	
morning max el	-4350 Dec 21 j 02:49	1°  ♊10'52	26°41'11	direct	-4349 Nov 21 j 09:51	7°  ♊11'19	
desc. node	-4350 Dec 29 j 02:41	10°  ♊20'42		morning max el	-4349 Dec 03 j 11:50	14°  ♊20'17	25°32'08
	-4349 Jan 11 j 18:45	0°  ♊		desc. node	-4349 Dec 15 j 23:41	29°  ♊30'37	
morning set	-4349 Jan 26 j 00:45	24°  ♊49'28			-4349 Dec 16 j 08:13	0°  ♊	
	-4349 Jan 28 j 17:05	0°  ♊			-4348 Jan 04 j 13:56	0°  ♊	
max. Earth dist.	-4349 Jan 30 j 08:34	3°  ♊15'12	1.34753 AU	morning set	-4348 Jan 08 j 17:51	7°  ♊23'37	
				max. Earth dist.	-4348 Jan 12 j 13:01	14°  ♊26'16	1.36335 AU
superior conj	-4349 Feb 03 j 13:57	11°  ♊50'50	-1°19'58				
minimum elong	-4349 Feb 03 j 16:59	12°  ♊06'30	1°19'44	superior conj	-4348 Jan 18 j 07:01	25°  ♊37'37	-1°38'13
evening rise	-4349 Feb 11 j 03:04	27°  ♊36'20		minimum elong	-4348 Jan 18 j 09:58	25°  ♊52'20	1°38'07
asc. node	-4349 Feb 12 j 07:35	0° ♊02'58			-4348 Jan 20 j 11:13	0° ♊	
	-4349 Feb 12 j 07:00	0° ♊		evening rise	-4348 Jan 26 j 08:09	11° ♊57'13	
evening max el	-4349 Mar 02 j 15:19	28° ♊56'15	21°05'41	asc. node	-4348 Jan 30 j 04:38	19° ♊36'31	
	-4349 Mar 03 j 19:32	0° ♊			-4348 Feb 04 j 23:36	0° ♊	
retrograde	-4349 Mar 14 j 05:24	4° ♊27'59		evening max el	-4348 Feb 13 j 01:35	10° ♊31'52	19°52'18
evening set	-4349 Mar 16 j 15:49	4° ♊14'13		retrograde	-4348 Feb 22 j 22:54	15° ♊12'59	
inferior conj	-4349 Mar 25 j 20:42	0° ♊15'41	0°20'01	evening set	-4348 Feb 25 j 06:48	14° ♊58'34	
minimum elong	-4349 Mar 25 j 21:37	0° ♊14'23	0°19'36	inferior conj	-4348 Mar 04 j 21:55	10° ♊57'03	2°06'49
	-4349 Mar 26 j 07:44	30°		minimum elong	-4348 Mar 05 j 02:38	10° ♊49'45	2°05'15
min. Earth dist.	-4349 Mar 26 j 14:28	29° ♊50'26	0.55214 AU	min. Earth dist.	-4348 Mar 07 j 04:45	9° ♊32'33	0.55927 AU
desc. node	-4349 Mar 27 j 01:41	29° ♊34'33		desc. node	-4348 Mar 12 j 22:50	6° ♊39'24	
morning rise	-4349 Apr 04 j 02:51	26° ♊06'29		morning rise	-4348 Mar 13 j 20:10	6° ♊21'58	
direct	-4349 Apr 07 j 04:31	25° ♊45'53		direct	-4348 Mar 17 j 22:38	5° ♊44'36	
	-4349 Apr 17 j 19:07	0° ♊		morning max el	-4348 Mar 31 j 19:05	12° ♊40'19	24°06'56
morning max el	-4349 Apr 20 j 02:26	1° ♊59'35	22°28'03		-4348 Apr 14 j 00:45	0° ♊	
	-4349 May 08 j 17:18	0° ♊		morning set	-4348 Apr 25 j 10:42	21° ♊35'44	
asc. node	-4349 May 11 j 07:18	5° ♊14'31		asc. node	-4348 Apr 27 j 04:16	25° ♊15'36	
morning set	-4349 May 11 j 22:40	6° ♊34'11			-4348 Apr 29 j 09:14	0° ♊	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4348 May 02 j 12:11	6°♈44'53	0°52'45	minimum elong	-4347 Apr 16 j 21:34	21°♋38'02	0°29'28
minimum elong	-4348 May 02 j 10:04	6°♈33'26	0°52'22	max. Earth dist.	-4347 Apr 17 j 17:47	23°♋28'12	1.32826 AU
max. Earth dist.	-4348 May 04 j 07:00	10°♈34'42	1.33402 AU		-4347 Apr 20 j 18:19	0°♈	
evening rise	-4348 May 09 j 22:16	22°♈18'42		evening rise	-4347 Apr 24 j 02:02	6°♈59'05	
	-4348 May 13 j 20:18	0°♋			-4347 May 06 j 09:01	0°♋	
	-4348 Jun 01 j 03:05	0°♊		evening max el	-4347 May 25 j 08:47	25°♋24'30	27°07'14
desc. node	-4348 Jun 08 j 21:27	9°♊37'53		desc. node	-4347 May 26 j 18:34	26°♋42'20	
evening max el	-4348 Jun 12 j 02:29	12°♊56'18	27°25'23		-4347 May 31 j 01:47	0°♊	
retrograde	-4348 Jun 25 j 19:51	20°♊20'22		retrograde	-4347 Jun 08 j 07:30	2°♊46'40	
evening set	-4348 Jul 02 j 23:26	17°♊43'36		evening set	-4347 Jun 15 j 05:50	0°♊34'25	
min. Earth dist.	-4348 Jul 06 j 13:44	14°♊36'31	0.63292 AU		-4347 Jun 16 j 02:42	30°♋	
inferior conj	-4348 Jul 09 j 06:43	11°♊52'17	-3°52'16	min. Earth dist.	-4347 Jun 18 j 22:13	27°♋48'02	0.61424 AU
minimum elong	-4348 Jul 09 j 10:00	11°♊43'59	3°51'32	inferior conj	-4347 Jun 22 j 02:54	24°♋57'12	-4°13'29
morning rise	-4348 Jul 15 j 21:27	6°♊37'54		minimum elong	-4347 Jun 22 j 04:30	24°♋53'37	4°13'13
direct	-4348 Jul 18 j 13:12	6°♊03'52		morning rise	-4347 Jun 29 j 04:43	20°♋03'32	
asc. node	-4348 Jul 24 j 03:52	8°♊34'53		direct	-4347 Jul 01 j 18:15	19°♋36'01	
morning max el	-4348 Jul 25 j 02:46	9°♊28'07	17°57'28	morning max el	-4347 Jul 08 j 16:25	23°♋02'20	18°01'13
	-4348 Aug 07 j 18:34	0°♌		asc. node	-4347 Jul 11 j 00:54	25°♋38'33	
morning set	-4348 Aug 10 j 22:24	5°♌31'42			-4347 Jul 14 j 04:36	0°♊	
				morning set	-4347 Jul 24 j 18:32	18°♊21'59	
superior conj	-4348 Aug 22 j 23:59	26°♌12'27	1°15'40		-4347 Jul 31 j 03:52	0°♌	
minimum elong	-4348 Aug 23 j 05:47	26°♌36'33	1°15'16				
	-4348 Aug 25 j 07:03	0°♍		superior conj	-4347 Aug 04 j 05:17	7°♌11'40	1°38'55
max. Earth dist.	-4348 Aug 29 j 05:44	6°♍24'58	1.43622 AU	minimum elong	-4347 Aug 04 j 09:03	7°♌28'07	1°38'52
desc. node	-4348 Sep 04 j 20:43	16°♍55'48		max. Earth dist.	-4347 Aug 11 j 16:02	19°♌52'20	1.42123 AU
evening rise	-4348 Sep 07 j 17:31	21°♍23'36			-4347 Aug 17 j 21:45	0°♍	
	-4348 Sep 13 j 08:10	0°♎		evening rise	-4347 Aug 18 j 02:53	0°♍20'23	
	-4348 Oct 04 j 14:12	0°♎		desc. node	-4347 Aug 22 j 17:41	7°♍34'23	
evening max el	-4348 Oct 06 j 16:41	2°♎18'08	20°50'14		-4347 Sep 06 j 22:20	0°♎	
retrograde	-4348 Oct 14 j 22:58	7°♎10'59		evening max el	-4347 Sep 19 j 11:49	15°♎43'03	22°04'26
evening set	-4348 Oct 18 j 20:55	5°♎43'32		retrograde	-4347 Sep 28 j 18:41	21°♎14'05	
asc. node	-4348 Oct 20 j 02:48	4°♎39'05		evening set	-4347 Oct 03 j 04:56	19°♎27'57	
	-4348 Oct 23 j 22:59	30°♎		asc. node	-4347 Oct 06 j 23:56	15°♎17'13	
inferior conj	-4348 Oct 24 j 06:30	29°♎34'26	1°23'15	inferior conj	-4347 Oct 08 j 12:33	13°♎12'25	0°31'13
minimum elong	-4348 Oct 24 j 04:40	29°♎40'42	1°22'32	minimum elong	-4347 Oct 08 j 11:50	13°♎14'54	0°31'00
min. Earth dist.	-4348 Oct 24 j 19:19	28°♎50'48	0.67024 AU	min. Earth dist.	-4347 Oct 08 j 14:48	13°♎04'38	0.67357 AU
morning rise	-4348 Oct 29 j 12:14	23°♎19'02		morning rise	-4347 Oct 13 j 18:37	6°♎57'37	
direct	-4348 Nov 03 j 20:40	21°♎00'35		direct	-4347 Oct 18 j 11:57	5°♎00'32	
morning max el	-4348 Nov 14 j 20:33	27°♎34'01	24°09'43	morning max el	-4347 Oct 28 j 07:21	10°♎51'24	22°43'23
	-4348 Nov 17 j 03:34	0°♏			-4347 Nov 12 j 09:00	0°♏	
desc. node	-4348 Dec 01 j 20:40	19°♏13'05		desc. node	-4347 Nov 18 j 17:38	9°♏18'40	
	-4348 Dec 09 j 01:12	0°♐		morning set	-4347 Dec 01 j 05:23	28°♏53'16	
morning set	-4348 Dec 20 j 13:17	18°♐49'10			-4347 Dec 01 j 21:38	0°♐	
max. Earth dist.	-4348 Dec 24 j 10:04	25°♐37'00	1.38269 AU	max. Earth dist.	-4347 Dec 06 j 07:03	7°♐21'32	1.40336 AU
	-4348 Dec 26 j 20:09	0°♑					
				superior conj	-4347 Dec 14 j 01:03	20°♐59'22	-1°53'51
superior conj	-4348 Dec 31 j 12:17	8°♑44'41	-1°50'30	minimum elong	-4347 Dec 14 j 00:24	20°♐56'24	1°54'01
minimum elong	-4348 Dec 31 j 14:07	8°♑53'26	1°50'36		-4347 Dec 18 j 22:16	0°♑	
evening rise	-4347 Jan 09 j 06:52	25°♑53'25		evening rise	-4347 Dec 23 j 20:23	9°♑17'45	
	-4347 Jan 11 j 09:18	0°♒		asc. node	-4346 Jan 02 j 22:46	27°♑23'14	
asc. node	-4347 Jan 16 j 01:41	8°♒46'03			-4346 Jan 04 j 16:27	0°♒	
evening max el	-4347 Jan 25 j 21:58	22°♒42'28	18°57'40	evening max el	-4346 Jan 09 j 02:27	5°♒22'08	18°23'03
retrograde	-4347 Feb 03 j 07:48	26°♒44'40		retrograde	-4346 Jan 16 j 11:15	9°♒00'34	
evening set	-4347 Feb 05 j 18:01	26°♒25'56		evening set	-4346 Jan 19 j 00:17	8°♒35'45	
inferior conj	-4347 Feb 13 j 15:56	22°♒08'52	3°20'46	inferior conj	-4346 Jan 26 j 06:22	3°♒58'09	3°57'15
minimum elong	-4347 Feb 13 j 20:25	22°♒00'52	3°19'41	minimum elong	-4346 Jan 26 j 08:13	3°♒54'18	3°56'54
min. Earth dist.	-4347 Feb 16 j 20:04	19°♒54'14	0.57384 AU	min. Earth dist.	-4346 Jan 29 j 15:12	1°♒11'45	0.59282 AU
morning rise	-4347 Feb 21 j 20:17	17°♒04'25			-4346 Jan 31 j 05:23	30°♒	
direct	-4347 Feb 27 j 04:44	15°♒56'16		morning rise	-4346 Feb 02 j 14:09	28°♒29'59	
desc. node	-4347 Feb 27 j 19:57	15°♒57'14		direct	-4346 Feb 08 j 23:21	26°♒42'40	
morning max el	-4347 Mar 13 j 10:07	23°♒17'29	25°40'34	desc. node	-4346 Feb 14 j 17:04	28°♒04'27	
	-4347 Mar 19 j 10:33	0°♓			-4346 Feb 18 j 01:27	0°♒	
	-4347 Apr 06 j 17:05	0°♈		morning max el	-4346 Feb 23 j 05:08	4°♒17'40	26°53'39
morning set	-4347 Apr 09 j 22:48	6°♈38'37			-4346 Mar 14 j 01:21	0°♓	
asc. node	-4347 Apr 14 j 01:14	15°♈25'33		morning set	-4346 Mar 25 j 09:08	21°♓35'04	
					-4346 Mar 29 j 07:59	0°♈	
superior conj	-4347 Apr 16 j 22:51	21°♈45'01	0°29'47	asc. node	-4346 Mar 31 j 22:12	5°♈39'00	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4346 Apr 01 j 10:34	6° X 46'39	0°05'23	superior conj	-4345 Mar 16 j 21:44	21° \approx 44'06	-0°19'38
minimum elong	-4346 Apr 01 j 10:20	6° X 45'22	0°05'14	minimum elong	-4345 Mar 16 j 22:37	21° \approx 48'54	0°19'36
behind sun begin	-4346 Apr 01 j 05:36	6° X 19'25		asc. node	-4345 Mar 18 j 19:11	25° \approx 51'56	
behind sun end	-4346 Apr 01 j 15:04	7° X 11'19			-4345 Mar 20 j 16:49	0° X	
max. Earth dist.	-4346 Apr 01 j 07:08	6° X 27'52	1.32584 AU	evening rise	-4345 Mar 23 j 21:16	6° X 48'53	
evening rise	-4346 Apr 08 j 10:23	21° X 51'30			-4345 Apr 05 j 03:56	0° Y	
	-4346 Apr 12 j 10:30	0° Y		evening max el	-4345 Apr 19 j 03:32	18° Y 17'37	24°59'56
	-4346 Apr 30 j 22:11	0° Z		desc. node	-4345 Apr 30 j 12:49	25° Y 08'58	
evening max el	-4346 May 07 j 09:03	7° Z 10'32	26°16'53	retrograde	-4345 May 03 j 04:31	25° Y 25'26	
desc. node	-4346 May 13 j 15:41	12° Z 04'49		evening set	-4345 May 08 j 05:06	24° Y 27'16	
retrograde	-4346 May 21 j 11:10	14° Z 29'02		min. Earth dist.	-4345 May 13 j 15:53	21° Y 33'04	0.57442 AU
evening set	-4346 May 27 j 16:12	12° Z 52'37		inferior conj	-4345 May 16 j 16:10	19° Y 31'38	-3°42'42
min. Earth dist.	-4346 May 31 j 21:56	10° Z 10'26	0.59381 AU	minimum elong	-4345 May 16 j 11:26	19° Y 39'39	3°41'50
inferior conj	-4346 Jun 04 j 07:07	7° Z 33'13	-4°13'36	morning rise	-4345 May 24 j 20:51	15° Y 19'32	
minimum elong	-4346 Jun 04 j 05:42	7° Z 35'59	4°13'24	direct	-4345 May 27 j 08:02	15° Y 01'42	
morning rise	-4346 Jun 11 j 21:40	3° Z 01'24		morning max el	-4345 Jun 05 j 04:46	19° Y 10'07	19°08'00
direct	-4346 Jun 14 j 09:51	2° Z 39'15			-4345 Jun 13 j 10:09	0° Z	
morning max el	-4346 Jun 22 j 02:04	6° Z 19'33	18°24'30	asc. node	-4345 Jun 14 j 18:55	2° Z 18'42	
asc. node	-4346 Jun 27 j 21:55	13° Z 37'25		morning set	-4345 Jun 22 j 01:25	16° Z 00'31	
	-4346 Jul 07 j 04:44	0° II			-4345 Jun 29 j 03:18	0° II	
morning set	-4346 Jul 08 j 04:51	1° II 54'54					
				superior conj	-4345 Jun 30 j 10:57	2° II 33'32	1°47'34
superior conj	-4346 Jul 17 j 10:52	19° II 24'08	1°48'36	minimum elong	-4345 Jun 30 j 09:48	2° II 28'01	1°47'43
minimum elong	-4346 Jul 17 j 11:51	19° II 28'42	1°48'46	max. Earth dist.	-4345 Jul 06 j 21:36	14° II 39'03	1.38324 AU
	-4346 Jul 23 j 08:28	0° III		evening rise	-4345 Jul 10 j 18:55	21° II 34'42	
max. Earth dist.	-4346 Jul 24 j 20:13	2° III 35'24	1.40270 AU		-4345 Jul 15 j 17:42	0° III	
evening rise	-4346 Jul 29 j 09:41	10° III 18'45		desc. node	-4345 Jul 27 j 11:39	18° III 21'22	
desc. node	-4346 Aug 09 j 14:39	28° III 04'34			-4345 Aug 04 j 19:35	0° IV	
	-4346 Aug 10 j 21:18	0° IV		evening max el	-4345 Aug 15 j 12:44	12° IV 36'58	24°44'26
evening max el	-4346 Sep 02 j 01:39	29° IV 08'30	23°24'43	retrograde	-4345 Aug 27 j 00:43	19° IV 20'06	
	-4346 Sep 02 j 22:41	0° V		evening set	-4345 Sep 01 j 15:55	16° IV 55'35	
retrograde	-4346 Sep 12 j 11:38	5° V 18'26		min. Earth dist.	-4345 Sep 06 j 06:01	11° IV 39'17	0.67123 AU
evening set	-4346 Sep 17 j 11:52	3° V 12'41		inferior conj	-4345 Sep 07 j 00:31	10° IV 37'38	-1°15'09
	-4346 Sep 20 j 11:33	30° V 08'00		minimum elong	-4345 Sep 07 j 02:15	10° IV 31'50	1°14'16
inferior conj	-4346 Sep 22 j 19:08	26° IV 54'11	-0°22'07	asc. node	-4345 Sep 10 j 18:10	6° IV 04'39	
minimum elong	-4346 Sep 22 j 19:39	26° IV 52'26	0°21'46	morning rise	-4345 Sep 12 j 12:34	4° IV 33'06	
min. Earth dist.	-4346 Sep 22 j 11:12	27° IV 21'25	0.67389 AU	direct	-4345 Sep 16 j 04:20	3° IV 15'51	
asc. node	-4346 Sep 23 j 21:03	25° IV 25'59		morning max el	-4345 Sep 23 j 22:00	7° IV 45'55	20°09'19
morning rise	-4346 Sep 28 j 03:21	20° IV 42'56			-4345 Oct 10 j 07:19	0° V	
direct	-4346 Oct 02 j 06:54	19° IV 06'51		morning set	-4345 Oct 20 j 16:29	15° V 52'53	
morning max el	-4346 Oct 10 j 23:13	24° IV 14'46	21°21'18	desc. node	-4345 Oct 23 j 11:26	20° V 13'08	
	-4346 Oct 15 j 22:59	0° V			-4345 Oct 29 j 16:37	0° VI	
desc. node	-4346 Nov 05 j 14:33	29° V 40'32		max. Earth dist.	-4345 Oct 31 j 19:22	3° VI 22'14	1.43748 AU
	-4346 Nov 05 j 19:37	0° VI					
morning set	-4346 Nov 10 j 18:05	7° VI 40'43		superior conj	-4345 Nov 06 j 03:16	11° VI 59'22	-1°19'36
max. Earth dist.	-4346 Nov 18 j 09:34	19° VI 57'32	1.42250 AU	minimum elong	-4345 Nov 05 j 20:28	11° VI 31'33	1°18'56
	-4346 Nov 24 j 09:44	0° VII			-4345 Nov 16 j 21:16	0° VII	
				evening rise	-4345 Nov 19 j 04:35	3° VII 57'41	
superior conj	-4346 Nov 25 j 15:41	2° VII 08'05	-1°44'41		-4345 Dec 05 j 12:55	0° VIII	
minimum elong	-4346 Nov 25 j 11:27	1° VII 49'56	1°44'32	evening max el	-4345 Dec 07 j 00:59	1° VIII 39'08	18°13'13
evening rise	-4346 Dec 06 j 21:06	22° VII 02'29		asc. node	-4345 Dec 07 j 16:58	2° VIII 17'58	
	-4346 Dec 11 j 06:58	0° IX		retrograde	-4345 Dec 13 j 14:08	5° VIII 09'56	
asc. node	-4346 Dec 20 j 19:51	15° IX 18'15		evening set	-4345 Dec 16 j 09:33	4° VIII 29'23	
evening max el	-4346 Dec 23 j 12:26	18° IX 23'49	18°08'27		-4345 Dec 21 j 21:11	30° VIII	
retrograde	-4346 Dec 30 j 06:45	21° IX 52'25		inferior conj	-4345 Dec 22 j 15:57	29° VIII 10'00	3°47'57
evening set	-4345 Jan 01 j 22:40	21° IX 20'21		minimum elong	-4345 Dec 22 j 13:26	29° VIII 16'46	3°47'25
inferior conj	-4345 Jan 08 j 15:36	16° IX 21'22	4°03'20	min. Earth dist.	-4345 Dec 25 j 04:13	26° VIII 28'41	0.63132 AU
minimum elong	-4345 Jan 08 j 14:47	16° IX 23'20	4°03'07	morning rise	-4345 Dec 28 j 16:36	23° VIII 14'03	
min. Earth dist.	-4345 Jan 11 j 17:11	13° IX 26'54	0.61286 AU	direct	-4344 Jan 04 j 18:15	20° VIII 29'35	
morning rise	-4345 Jan 15 j 05:37	10° IX 36'53		morning max el	-4344 Jan 18 j 12:41	28° VIII 13'00	27°39'54
direct	-4345 Jan 22 j 04:43	8° IX 14'21		desc. node	-4344 Jan 19 j 11:13	29° VIII 09'41	
desc. node	-4345 Feb 01 j 14:09	12° IX 40'56			-4344 Jan 20 j 06:29	0° X	
morning max el	-4345 Feb 05 j 06:21	15° IX 56'14	27°34'48		-4344 Feb 10 j 13:38	0° XI	
	-4345 Feb 16 j 20:14	0° X		morning set	-4344 Feb 21 j 16:30	20° X 39'58	
	-4345 Mar 06 j 12:33	0° XI			-4344 Feb 26 j 05:14	0° XII	
morning set	-4345 Mar 09 j 15:48	6° XI 18'13		max. Earth dist.	-4344 Feb 27 j 02:43	1° XI 53'37	1.33165 AU
max. Earth dist.	-4345 Mar 15 j 19:23	19° XI 20'46	1.32689 AU				

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4344 Feb 29 j 06:39	6° \approx 31'15	-0°44'20	superior conj	-4343 Feb 12 j 11:23	21° \approx 01'18	-1°07'41
minimum elong	-4344 Feb 29 j 08:35	6° \approx 41'40	0°44'08	minimum elong	-4343 Feb 12 j 14:08	21° \approx 15'47	1°07'25
asc. node	-4344 Mar 04 j 16:11	16° \approx 00'20			-4343 Feb 16 j 17:04	0° \approx	
evening rise	-4344 Mar 07 j 08:54	21° \approx 44'43		evening rise	-4343 Feb 19 j 19:30	6° \approx 32'23	
	-4344 Mar 11 j 09:47	0° \approx		asc. node	-4343 Feb 19 j 13:13	5° \approx 59'34	
evening max el	-4344 Mar 30 j 19:39	29° \approx 03'01	23°27'57		-4343 Mar 04 j 14:22	0° \approx	
	-4344 Mar 31 j 20:20	0° \approx		evening max el	-4343 Mar 12 j 15:08	9° \approx 51'57	21°54'52
retrograde	-4344 Apr 13 j 08:58	5° \approx 45'53		retrograde	-4343 Mar 25 j 01:57	15° \approx 53'07	
desc. node	-4344 Apr 16 j 09:58	5° \approx 25'28		evening set	-4343 Mar 27 j 19:37	15° \approx 36'26	
evening set	-4344 Apr 17 j 01:52	5° \approx 15'48		desc. node	-4343 Apr 03 j 07:09	13° \approx 06'28	
min. Earth dist.	-4344 Apr 24 j 06:54	1° \approx 57'56	0.55952 AU	inferior conj	-4343 Apr 06 j 03:59	11° \approx 31'41	-0°47'25
inferior conj	-4344 Apr 26 j 05:26	0° \approx 48'40	-2°32'37	minimum elong	-4343 Apr 06 j 01:47	11° \approx 34'46	0°46'44
minimum elong	-4344 Apr 25 j 23:45	0° \approx 57'09	2°31'03	min. Earth dist.	-4343 Apr 05 j 20:50	11° \approx 41'45	0.55220 AU
	-4344 Apr 27 j 14:21	30° \approx 8'8		morning rise	-4343 Apr 15 j 08:54	7° \approx 31'51	
morning rise	-4344 May 05 j 00:17	26° \approx 49'26		direct	-4343 Apr 18 j 02:19	7° \approx 15'16	
direct	-4344 May 07 j 11:52	26° \approx 34'06		morning max el	-4343 Apr 30 j 04:12	12° \approx 58'12	21°34'18
	-4344 May 16 j 06:20	0° \approx			-4343 May 12 j 15:46	0° \approx	
morning max el	-4344 May 17 j 21:55	1° \approx 25'01	20°11'50	asc. node	-4343 May 18 j 12:54	11° \approx 09'33	
asc. node	-4344 May 31 j 15:55	21° \approx 32'22		morning set	-4343 May 20 j 13:46	15° \approx 19'01	
	-4344 Jun 04 j 23:03	0° \approx					
morning set	-4344 Jun 05 j 05:14	0° \approx 31'15		superior conj	-4343 May 27 j 23:21	0° \approx 48'11	1°23'52
				minimum elong	-4343 May 27 j 20:39	0° \approx 34'05	1°23'37
superior conj	-4344 Jun 13 j 00:28	16° \approx 25'48	1°38'36		-4343 May 27 j 14:06	0° \approx	
minimum elong	-4344 Jun 12 j 22:08	16° \approx 14'02	1°38'34	max. Earth dist.	-4343 May 31 j 15:47	8° \approx 21'39	1.35020 AU
max. Earth dist.	-4344 Jun 18 j 02:30	26° \approx 26'22	1.36522 AU	evening rise	-4343 Jun 05 j 05:31	17° \approx 21'23	
	-4344 Jun 19 j 23:29	0° \approx			-4343 Jun 12 j 03:16	0° \approx	
evening rise	-4344 Jun 22 j 03:23	4° \approx 00'57		desc. node	-4343 Jun 30 j 05:47	27° \approx 47'14	
	-4344 Jul 07 j 16:15	0° \approx			-4343 Jul 01 j 22:53	0° \approx	
desc. node	-4344 Jul 13 j 08:42	8° \approx 18'44		evening max el	-4343 Jul 10 j 10:52	9° \approx 36'31	26°50'19
evening max el	-4344 Jul 27 j 23:34	26° \approx 08'42	25°55'39	retrograde	-4343 Jul 23 j 12:40	16° \approx 56'04	
	-4344 Aug 01 j 10:26	0° \approx		evening set	-4343 Jul 30 j 07:11	14° \approx 08'11	
retrograde	-4344 Aug 09 j 09:12	3° \approx 15'04		min. Earth dist.	-4343 Aug 03 j 05:08	10° \approx 08'09	0.65574 AU
evening set	-4344 Aug 15 j 15:09	0° \approx 35'22		inferior conj	-4343 Aug 05 j 00:18	8° \approx 00'46	-2°53'07
	-4344 Aug 16 j 06:45	30° \approx 8'8		minimum elong	-4343 Aug 05 j 03:52	7° \approx 50'16	2°51'51
min. Earth dist.	-4344 Aug 19 j 20:48	25° \approx 56'42	0.66532 AU	morning rise	-4343 Aug 11 j 00:53	2° \approx 19'38	
inferior conj	-4344 Aug 21 j 02:56	24° \approx 21'13	-2°06'07	direct	-4343 Aug 13 j 23:45	1° \approx 31'10	
minimum elong	-4344 Aug 21 j 05:45	24° \approx 12'17	2°04'54	asc. node	-4343 Aug 14 j 12:21	1° \approx 32'41	
morning rise	-4344 Aug 26 j 20:27	18° \approx 26'44		morning max el	-4343 Aug 20 j 15:04	5° \approx 10'35	18°28'59
asc. node	-4344 Aug 27 j 15:16	18° \approx 00'47			-4343 Sep 06 j 12:33	0° \approx	
direct	-4344 Aug 30 j 02:39	17° \approx 25'26		morning set	-4343 Sep 09 j 08:43	4° \approx 37'38	
morning max el	-4344 Sep 06 j 03:49	21° \approx 25'40	19°11'12				
	-4344 Sep 12 j 23:11	0° \approx		superior conj	-4343 Sep 24 j 12:50	28° \approx 57'02	0°10'40
morning set	-4344 Sep 29 j 00:12	24° \approx 38'29		minimum elong	-4343 Sep 24 j 14:13	29° \approx 02'32	0°10'36
	-4344 Oct 02 j 10:06	0° \approx		behind sun begin	-4343 Sep 24 j 05:33	28° \approx 02'14	
desc. node	-4344 Oct 09 j 08:21	10° \approx 53'04		behind sun end	-4343 Sep 24 j 22:54	29° \approx 36'50	
max. Earth dist.	-4344 Oct 13 j 11:10	17° \approx 22'27	1.44633 AU		-4343 Sep 25 j 04:46	0° \approx	
				max. Earth dist.	-4343 Sep 26 j 05:31	1° \approx 37'36	1.44794 AU
superior conj	-4344 Oct 15 j 13:25	20° \approx 41'12	-0°38'38	desc. node	-4343 Sep 26 j 05:18	1° \approx 36'47	
minimum elong	-4344 Oct 15 j 08:38	20° \approx 22'15	0°37'59	evening rise	-4343 Oct 10 j 22:58	24° \approx 48'05	
	-4344 Oct 21 j 09:39	0° \approx			-4343 Oct 14 j 06:09	0° \approx	
evening rise	-4344 Oct 30 j 14:14	14° \approx 54'53		greatest brilliancy	-4343 Oct 20 j 13:47	9° \approx 54'22	-0.8m
	-4344 Nov 08 j 19:41	0° \approx		evening max el	-4343 Nov 02 j 22:55	28° \approx 28'32	19°16'32
evening max el	-4344 Nov 19 j 13:19	15° \approx 02'10	18°36'18		-4343 Nov 04 j 13:22	0° \approx	
asc. node	-4344 Nov 23 j 14:06	18° \approx 07'38		retrograde	-4343 Nov 10 j 00:58	2° \approx 33'10	
retrograde	-4344 Nov 26 j 05:21	18° \approx 45'24		asc. node	-4343 Nov 10 j 11:13	2° \approx 32'07	
evening set	-4344 Nov 29 j 05:35	17° \approx 54'45		evening set	-4343 Nov 13 j 07:51	1° \approx 30'19	
inferior conj	-4344 Dec 05 j 03:43	12° \approx 17'17	3°18'00		-4343 Nov 15 j 05:02	30° \approx 8'8	
minimum elong	-4344 Dec 05 j 00:33	12° \approx 26'41	3°17'06	inferior conj	-4343 Nov 18 j 23:44	25° \approx 37'51	2°38'16
min. Earth dist.	-4344 Dec 07 j 01:13	10° \approx 02'56	0.64670 AU	minimum elong	-4343 Nov 18 j 20:41	25° \approx 47'32	2°37'14
morning rise	-4344 Dec 10 j 19:08	6° \approx 12'38		min. Earth dist.	-4343 Nov 20 j 07:21	23° \approx 57'14	0.65848 AU
direct	-4344 Dec 17 j 14:30	3° \approx 21'37		morning rise	-4343 Nov 24 j 09:17	19° \approx 26'51	
morning max el	-4344 Dec 30 j 21:56	11° \approx 00'09	27°10'56	direct	-4343 Nov 30 j 16:53	16° \approx 42'05	
desc. node	-4343 Jan 05 j 08:14	16° \approx 58'46		morning max el	-4343 Dec 13 j 07:43	24° \approx 05'57	26°14'10
	-4343 Jan 15 j 01:42	0° \approx			-4343 Dec 18 j 15:59	0° \approx	
	-4343 Feb 01 j 23:50	0° \approx		desc. node	-4343 Dec 23 j 05:15	5° \approx 44'36	
morning set	-4343 Feb 04 j 08:18	4° \approx 30'25			-4342 Jan 08 j 10:50	0° \approx	
max. Earth dist.	-4343 Feb 09 j 01:31	13° \approx 55'54	1.34051 AU	morning set	-4342 Jan 18 j 11:13	17° \approx 37'34	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

max. Earth dist.	-4342 Jan 22 j 13:00	25° ♁ 24'21	1.35377 AU	max. Earth dist.	-4341 Jan 04 j 13:29	6° ♁ 31'07	1.37121 AU
	-4342 Jan 24 j 20:48	0° ♁					
superior conj	-4342 Jan 27 j 09:34	5° ♁ 06'55	-1°28'17	superior conj	-4341 Jan 10 j 22:06	18° ♁ 38'16	-1°44'18
minimum elong	-4342 Jan 27 j 12:40	5° ♁ 22'42	1°28'06	minimum elong	-4341 Jan 11 j 00:43	18° ♁ 51'09	1°44'18
evening rise	-4342 Feb 04 j 03:15	21° ♁ 05'38		evening rise	-4341 Jan 16 j 14:52	0° ♁	
asc. node	-4342 Feb 06 j 10:16	25° ♁ 44'45		asc. node	-4341 Jan 19 j 05:56	5° ♁ 17'03	
	-4342 Feb 08 j 14:14	0° ♁			-4341 Jan 24 j 07:19	15° ♁ 09'16	
evening max el	-4342 Feb 22 j 19:17	21° ♁ 07'39	20°32'16	evening max el	-4341 Feb 02 j 16:07	0° ♁	
retrograde	-4342 Mar 05 j 16:13	26° ♁ 17'40		retrograde	-4341 Feb 05 j 09:58	2° ♁ 58'43	19°26'38
evening set	-4342 Mar 08 j 00:24	26° ♁ 04'17		evening set	-4341 Feb 14 j 15:25	7° ♁ 21'41	
inferior conj	-4342 Mar 17 j 00:13	22° ♁ 06'02	1°08'14	inferior conj	-4341 Feb 16 j 23:49	7° ♁ 05'54	
minimum elong	-4342 Mar 17 j 03:11	22° ♁ 01'42	1°07'07	minimum elong	-4341 Feb 25 j 07:43	2° ♁ 58'59	2°42'50
min. Earth dist.	-4342 Mar 18 j 10:58	21° ♁ 15'19	0.55408 AU	min. Earth dist.	-4341 Feb 25 j 12:47	2° ♁ 50'40	2°41'21
desc. node	-4342 Mar 21 j 04:17	19° ♁ 45'12			-4341 Feb 28 j 01:51	1° ♁ 11'13	0.56471 AU
morning rise	-4342 Mar 26 j 04:37	17° ♁ 47'15		morning rise	-4341 Mar 02 j 01:02	30° ♁	
direct	-4342 Mar 29 j 15:16	17° ♁ 21'26		desc. node	-4341 Mar 05 j 23:07	28° ♁ 10'39	
morning max el	-4342 Apr 12 j 00:53	23° ♁ 54'39	23°09'54	direct	-4341 Mar 08 j 01:25	27° ♁ 36'36	
	-4342 Apr 17 j 12:13	0° ♁			-4341 Mar 10 j 14:09	27° ♁ 21'47	
	-4342 May 04 j 21:41	0° ♁		morning max el	-4341 Mar 18 j 23:03	0° ♁	
morning set	-4342 May 05 j 01:03	0° ♁ 17'38			-4341 Mar 24 j 16:13	4° ♁ 31'06	24°48'15
asc. node	-4342 May 05 j 09:54	1° ♁ 03'58		morning set	-4341 Apr 11 j 18:39	0° ♁	
				asc. node	-4341 Apr 19 j 13:18	15° ♁ 20'26	
superior conj	-4342 May 12 j 04:36	15° ♁ 31'30	1°05'00		-4341 Apr 22 j 06:54	21° ♁ 09'34	
minimum elong	-4342 May 12 j 02:08	15° ♁ 18'20	1°04'38		-4341 Apr 26 j 08:47	0° ♁	
max. Earth dist.	-4342 May 14 j 14:51	20° ♁ 39'46	1.33885 AU	superior conj	-4341 Apr 26 j 13:50	0° ♁ 27'28	0°43'15
	-4342 May 19 j 04:00	0° ♁		minimum elong	-4341 Apr 26 j 12:03	0° ♁ 17'43	0°42'53
evening rise	-4342 May 19 j 20:31	1° ♁ 22'12		max. Earth dist.	-4341 Apr 27 j 22:02	3° ♁ 21'35	1.33112 AU
	-4342 Jun 05 j 01:49	0° ♁		evening rise	-4341 May 03 j 20:29	15° ♁ 51'02	
desc. node	-4342 Jun 17 j 02:53	16° ♁ 34'35			-4341 May 11 j 04:15	0° ♁	
evening max el	-4342 Jun 22 j 21:46	22° ♁ 50'18	27°20'57		-4341 May 31 j 00:16	0° ♁	
	-4342 Jul 04 j 04:41	0° ♁		desc. node	-4341 Jun 03 j 23:59	4° ♁ 23'27	
retrograde	-4342 Jul 06 j 10:45	0° ♁ 15'06		evening max el	-4341 Jun 05 j 06:29	5° ♁ 38'44	27°21'44
	-4342 Jul 08 j 15:06	30° ♁		retrograde	-4341 Jun 19 j 02:49	13° ♁ 03'05	
evening set	-4342 Jul 13 j 13:07	27° ♁ 30'05		evening set	-4341 Jun 26 j 05:19	10° ♁ 35'00	
min. Earth dist.	-4342 Jul 17 j 05:03	24° ♁ 05'53	0.64229 AU	min. Earth dist.	-4341 Jun 29 j 19:24	7° ♁ 38'24	0.62522 AU
inferior conj	-4342 Jul 19 j 14:15	21° ♁ 31'58	-3°33'31	inferior conj	-4341 Jul 02 j 17:54	4° ♁ 48'59	-4°03'23
minimum elong	-4342 Jul 19 j 17:55	21° ♁ 22'07	3°32'30	minimum elong	-4341 Jul 02 j 20:38	4° ♁ 42'23	4°02'51
morning rise	-4342 Jul 25 j 23:25	16° ♁ 07'14			-4341 Jul 08 j 21:42	30° ♁	
direct	-4342 Jul 28 j 17:06	15° ♁ 28'45		morning rise	-4341 Jul 09 j 13:10	29° ♁ 43'15	
asc. node	-4342 Aug 01 j 09:26	16° ♁ 37'46		direct	-4341 Jul 12 j 03:40	29° ♁ 12'19	
morning max el	-4342 Aug 04 j 05:23	18° ♁ 56'05	18°03'50		-4341 Jul 15 j 08:12	0° ♁	
	-4342 Aug 12 j 08:52	0° ♁		morning max el	-4341 Jul 18 j 20:04	2° ♁ 36'33	17°56'44
morning set	-4342 Aug 21 j 20:02	15° ♁ 53'16		asc. node	-4341 Jul 19 j 06:29	3° ♁ 02'49	
	-4342 Aug 30 j 05:13	0° ♁		morning set	-4341 Aug 04 j 05:49	28° ♁ 13'25	
					-4341 Aug 05 j 05:41	0° ♁	
superior conj	-4342 Sep 04 j 00:16	7° ♁ 51'33	0°55'33	superior conj	-4341 Aug 15 j 13:39	18° ♁ 03'30	1°27'21
minimum elong	-4342 Sep 04 j 05:50	8° ♁ 14'07	0°55'03	minimum elong	-4341 Aug 15 j 18:50	18° ♁ 25'30	1°27'04
max. Earth dist.	-4342 Sep 08 j 22:27	15° ♁ 46'25	1.44232 AU	max. Earth dist.	-4341 Aug 22 j 11:25	29° ♁ 32'17	1.43034 AU
desc. node	-4342 Sep 13 j 02:14	22° ♁ 21'04			-4341 Aug 22 j 18:14	0° ♁	
	-4342 Sep 17 j 23:43	0° ♁		evening rise	-4341 Aug 30 j 13:57	12° ♁ 26'58	
evening rise	-4342 Sep 20 j 09:58	3° ♁ 45'40		desc. node	-4341 Aug 30 j 23:11	13° ♁ 02'59	
	-4342 Oct 07 j 19:41	0° ♁			-4341 Sep 11 j 02:47	0° ♁	
evening max el	-4342 Oct 17 j 03:40	11° ♁ 55'01	20°12'14	evening max el	-4341 Sep 30 j 02:26	25° ♁ 20'59	21°20'47
retrograde	-4342 Oct 24 j 22:11	16° ♁ 28'49			-4341 Oct 06 j 07:55	0° ♁	
asc. node	-4342 Oct 28 j 08:21	15° ♁ 20'46		retrograde	-4341 Oct 08 j 18:53	0° ♁ 29'55	
evening set	-4342 Oct 28 j 13:54	15° ♁ 11'14			-4341 Oct 11 j 02:50	30° ♁	
inferior conj	-4342 Nov 03 j 01:18	9° ♁ 07'12	1°51'58	evening set	-4341 Oct 12 j 21:42	28° ♁ 54'59	
minimum elong	-4342 Nov 02 j 22:55	9° ♁ 15'10	1°51'04	asc. node	-4341 Oct 15 j 05:27	26° ♁ 39'02	
min. Earth dist.	-4342 Nov 03 j 20:38	8° ♁ 02'33	0.66682 AU	inferior conj	-4341 Oct 18 j 06:16	22° ♁ 42'50	1°01'29
morning rise	-4342 Nov 08 j 07:44	2° ♁ 52'24		minimum elong	-4341 Oct 18 j 04:53	22° ♁ 47'36	1°00'57
direct	-4342 Nov 14 j 00:52	0° ♁ 22'42		min. Earth dist.	-4341 Oct 18 j 14:35	22° ♁ 14'16	0.67198 AU
morning max el	-4342 Nov 25 j 16:37	7° ♁ 18'41	24°58'12	morning rise	-4341 Oct 23 j 11:53	16° ♁ 27'08	
desc. node	-4342 Dec 10 j 02:13	25° ♁ 09'56		direct	-4341 Oct 28 j 13:51	14° ♁ 17'23	
	-4342 Dec 13 j 10:53	0° ♁		morning max el	-4341 Nov 08 j 01:42	20° ♁ 33'39	23°32'55
morning set	-4342 Dec 31 j 19:55	29° ♁ 45'16			-4341 Nov 16 j 03:13	0° ♁	
	-4342 Dec 31 j 23:14	0° ♁					

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-4341 Nov 26 j 23:11	15°♊03'28			-4340 Oct 16 j 00:47	0°♎	
	-4341 Dec 06 j 16:53	0°♎		morning max el	-4340 Oct 20 j 14:07	3°♎52'18	22°07'32
morning set	-4341 Dec 13 j 04:16	10°♎37'35			-4340 Nov 09 j 07:41	0°♊	
max. Earth dist.	-4341 Dec 17 j 09:02	17°♎50'34	1.39148 AU	desc. node	-4340 Nov 12 j 20:06	5°♊16'38	
	-4341 Dec 24 j 02:44	0°♊		morning set	-4340 Nov 22 j 08:01	20°♊06'02	
					-4340 Nov 28 j 08:49	0°♎	
superior conj	-4341 Dec 24 j 20:59	1°♊25'01	-1°53'13	max. Earth dist.	-4340 Nov 28 j 07:54	29°♊56'11	1.41189 AU
minimum elong	-4341 Dec 24 j 21:56	1°♊29'28	1°53'23				
evening rise	-4340 Jan 03 j 01:05	19°♊00'28		superior conj	-4340 Dec 06 j 01:04	13°♎13'40	-1°51'44
	-4340 Jan 08 j 20:24	0°♊		minimum elong	-4340 Dec 05 j 22:57	13°♎04'21	1°51'48
asc. node	-4340 Jan 11 j 04:22	4°♊06'11			-4340 Dec 15 j 05:53	0°♊	
evening max el	-4340 Jan 19 j 10:11	15°♊23'07	18°40'29	evening rise	-4340 Dec 16 j 09:36	2°♊08'53	
retrograde	-4340 Jan 27 j 07:50	19°♊12'53		asc. node	-4340 Dec 28 j 01:25	22°♊26'55	
evening set	-4340 Jan 29 j 19:22	18°♊51'40		evening max el	-4339 Jan 01 j 17:25	28°♊13'39	18°14'27
inferior conj	-4340 Feb 06 j 10:18	14°♊26'32	3°40'27		-4339 Jan 03 j 19:39	0°♊	
minimum elong	-4340 Feb 06 j 13:49	14°♊19'53	3°39'45	retrograde	-4339 Jan 08 j 18:36	1°♊46'01	
min. Earth dist.	-4340 Feb 09 j 18:30	11°♊55'27	0.58166 AU	evening set	-4339 Jan 11 j 08:59	1°♊18'05	
morning rise	-4340 Feb 14 j 05:51	9°♊11'07			-4339 Jan 13 j 23:17	30°♎♊	
direct	-4340 Feb 20 j 02:13	7°♊46'17		inferior conj	-4339 Jan 18 j 09:06	26°♊31'11	4°02'59
desc. node	-4340 Feb 22 j 22:33	8°♊06'14		minimum elong	-4339 Jan 18 j 09:45	26°♊29'47	4°02'46
morning max el	-4340 Mar 05 j 08:12	15°♊14'37	26°14'48	min. Earth dist.	-4339 Jan 21 j 15:53	23°♊38'46	0.60143 AU
	-4340 Mar 17 j 05:38	0°♊		morning rise	-4339 Jan 25 j 08:53	20°♊55'41	
	-4340 Apr 02 j 20:47	0°♊		direct	-4339 Feb 01 j 01:36	18°♊52'23	
morning set	-4340 Apr 03 j 00:49	0°♊21'06		desc. node	-4339 Feb 08 j 19:39	21°♊21'35	
asc. node	-4340 Apr 08 j 03:52	11°♊21'31		morning max el	-4339 Feb 15 j 05:38	26°♊29'58	27°15'28
					-4339 Feb 18 j 13:29	0°♊	
superior conj	-4340 Apr 10 j 01:09	15°♊28'59	0°19'33		-4339 Mar 10 j 15:14	0°♊	
minimum elong	-4340 Apr 10 j 00:17	15°♊24'19	0°19'18	morning set	-4339 Mar 18 j 09:53	15°♊13'27	
max. Earth dist.	-4340 Apr 10 j 10:16	16°♊18'53	1.32685 AU	max. Earth dist.	-4339 Mar 24 j 23:50	29°♊19'01	1.32592 AU
	-4340 Apr 16 j 19:13	0°♊			-4339 Mar 25 j 07:20	0°♊	
evening rise	-4340 Apr 17 j 02:28	0°♊37'44					
	-4340 May 03 j 07:09	0°♊		superior conj	-4339 Mar 25 j 12:52	0°♊30'16	-0°05'13
evening max el	-4340 May 17 j 10:36	17°♊50'17	26°49'40	minimum elong	-4339 Mar 25 j 13:06	0°♊31'34	0°05'17
desc. node	-4340 May 20 j 21:07	20°♊48'52		behind sun begin	-4339 Mar 25 j 08:21	0°♊05'33	
retrograde	-4340 May 31 j 11:18	25°♊10'57		behind sun end	-4339 Mar 25 j 17:51	0°♊57'34	
evening set	-4340 Jun 07 j 03:35	23°♊13'21		asc. node	-4339 Mar 26 j 00:50	1°♊35'46	
min. Earth dist.	-4340 Jun 11 j 00:08	20°♊30'34	0.60558 AU	evening rise	-4339 Apr 01 j 12:12	15°♊34'10	
inferior conj	-4340 Jun 14 j 07:45	17°♊43'04	-4°16'43		-4339 Apr 08 j 18:48	0°♊	
minimum elong	-4340 Jun 14 j 08:13	17°♊42'06	4°16'34	evening max el	-4339 Apr 29 j 08:27	29°♊19'59	25°46'50
morning rise	-4340 Jun 21 j 14:45	12°♊58'21			-4339 Apr 30 j 01:31	0°♊	
direct	-4340 Jun 24 j 03:35	12°♊33'15		desc. node	-4339 May 07 j 18:15	5°♊18'12	
morning max el	-4340 Jul 01 j 08:18	16°♊04'18	18°08'39	retrograde	-4339 May 13 j 10:31	6°♊34'16	
asc. node	-4340 Jul 05 j 03:31	20°♊31'37		evening set	-4339 May 19 j 04:43	5°♊14'39	
	-4340 Jul 11 j 02:59	0°♊		min. Earth dist.	-4339 May 23 j 20:56	2°♊29'13	0.58532 AU
morning set	-4340 Jul 17 j 08:33	11°♊23'24		inferior conj	-4339 May 27 j 04:13	0°♊04'58	-4°04'54
				minimum elong	-4339 May 27 j 01:18	0°♊10'19	4°04'31
superior conj	-4340 Jul 27 j 05:53	29°♊35'16	1°44'32		-4339 May 27 j 06:56	30°♎♊	
minimum elong	-4340 Jul 27 j 08:27	29°♊46'44	1°44'36	morning rise	-4339 Jun 04 j 00:36	25°♊41'50	
	-4340 Jul 27 j 11:26	0°♊		direct	-4339 Jun 06 j 12:33	25°♊21'30	
max. Earth dist.	-4340 Aug 03 j 19:04	12°♊41'42	1.41364 AU	morning max el	-4339 Jun 14 j 15:19	29°♊11'40	18°40'27
evening rise	-4340 Aug 09 j 07:04	21°♊46'11			-4339 Jun 15 j 10:55	0°♊	
	-4340 Aug 14 j 11:35	0°♊		asc. node	-4339 Jun 22 j 00:33	8°♊50'24	
desc. node	-4340 Aug 16 j 20:09	3°♊38'36		morning set	-4339 Jun 30 j 23:43	25°♊12'06	
	-4340 Sep 04 j 07:02	0°♊			-4339 Jul 03 j 10:58	0°♊	
evening max el	-4340 Sep 11 j 19:12	8°♊46'16	22°38'18				
retrograde	-4340 Sep 21 j 13:24	14°♊33'35		superior conj	-4339 Jul 09 j 20:06	12°♊14'24	1°49'17
evening set	-4340 Sep 26 j 05:26	12°♊39'16		minimum elong	-4339 Jul 09 j 20:04	12°♊14'16	1°49'29
asc. node	-4340 Oct 01 j 02:34	6°♊57'23		max. Earth dist.	-4339 Jul 16 j 22:02	25°♊08'52	1.39446 AU
inferior conj	-4340 Oct 01 j 12:44	6°♊22'20	0°08'41		-4339 Jul 19 j 16:57	0°♊	
minimum elong	-4340 Oct 01 j 12:32	6°♊23'02	0°08'41	evening rise	-4339 Jul 21 j 01:14	2°♊17'45	
transit middle	-4340 Oct 01 j 12:32	6°♊23'02	0°08'41	desc. node	-4339 Aug 03 j 17:07	24°♊03'54	
transit begin	-4340 Oct 01 j 10:15	6°♊30'56			-4339 Aug 07 j 18:09	0°♊	
transit end	-4340 Oct 01 j 14:49	6°♊15'09		evening max el	-4339 Aug 25 j 07:36	22°♊12'54	23°59'05
min. Earth dist.	-4340 Oct 01 j 10:43	6°♊29'18	0.67409 AU	retrograde	-4339 Sep 05 j 04:40	28°♊37'20	
morning rise	-4340 Oct 06 j 19:30	0°♊08'44		evening set	-4339 Sep 10 j 11:22	26°♊23'10	
	-4340 Oct 06 j 23:51	30°♎♊		inferior conj	-4339 Sep 15 j 19:00	20°♊04'39	-0°44'44
direct	-4340 Oct 11 j 06:53	28°♊20'30		minimum elong	-4339 Sep 15 j 20:03	20°♊01'08	0°44'10

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

min. Earth dist.	-4339 Sep 15 j 06:38	20°Ω46'41	0.67321 AU	asc. node	-4338 Sep 04 j 20:50	28°☿18'48	
asc. node	-4339 Sep 17 j 23:42	17°Ω11'26		morning rise	-4338 Sep 05 j 13:35	27°☿48'02	
morning rise	-4339 Sep 21 j 04:40	13°Ω56'09		direct	-4338 Sep 09 j 00:55	26°☿38'09	
direct	-4339 Sep 25 j 03:00	12°Ω28'25			-4338 Sep 15 j 12:38	0°Ω	
morning max el	-4339 Oct 03 j 08:51	17°Ω18'49	20°49'12	morning max el	-4338 Sep 16 j 10:54	0°Ω54'33	19°42'47
	-4339 Oct 13 j 10:55	0°♊			-4338 Oct 07 j 01:52	0°♊	
desc. node	-4339 Oct 30 j 17:00	25°♊43'29		morning set	-4338 Oct 11 j 11:42	6°♊49'45	
morning set	-4339 Nov 01 j 12:05	28°♊30'40		desc. node	-4338 Oct 17 j 13:54	16°♊19'45	
	-4339 Nov 02 j 10:59	0°♋		max. Earth dist.	-4338 Oct 24 j 02:47	26°♊38'14	1.44201 AU
max. Earth dist.	-4339 Nov 10 j 14:06	12°♋56'08	1.42952 AU		-4338 Oct 26 j 05:25	0°♋	
superior conj	-4339 Nov 17 j 04:32	23°♌49'42	-1°36'07	superior conj	-4338 Oct 28 j 04:26	3°♌08'30	-1°03'54
minimum elong	-4339 Nov 16 j 22:53	23°♌25'57	1°35'44	minimum elong	-4338 Oct 27 j 21:46	2°♌41'42	1°03'08
	-4339 Nov 20 j 19:46	0°♍		evening rise	-4338 Nov 11 j 02:22	26°♌05'45	
evening rise	-4339 Nov 29 j 03:33	14°♍33'42			-4338 Nov 13 j 09:51	0°♍	
	-4339 Dec 08 j 00:12	0°♎		evening max el	-4338 Nov 29 j 17:30	24°♍40'36	18°20'52
asc. node	-4339 Dec 14 j 22:31	10°♎00'00		asc. node	-4338 Dec 01 j 19:39	26°♍31'57	
evening max el	-4339 Dec 16 j 04:47	11°♎21'33	18°08'10	retrograde	-4338 Dec 06 j 07:11	28°♍15'56	
retrograde	-4339 Dec 22 j 19:53	14°♎50'03		evening set	-4338 Dec 09 j 04:19	27°♍31'29	
evening set	-4339 Dec 25 j 13:09	14°♎14'30		inferior conj	-4338 Dec 15 j 06:56	22°♍04'05	3°36'44
inferior conj	-4338 Jan 01 j 01:15	9°♎06'18	3°59'01	minimum elong	-4338 Dec 15 j 04:02	22°♍12'16	3°36'02
minimum elong	-4339 Dec 31 j 23:35	9°♎10'31	3°58'41	min. Earth dist.	-4338 Dec 17 j 12:57	19°♍32'45	0.63818 AU
min. Earth dist.	-4338 Jan 03 j 21:26	6°♎15'27	0.62094 AU	morning rise	-4338 Dec 21 j 03:09	16°♍03'49	
morning rise	-4338 Jan 07 j 09:02	3°♎16'23		direct	-4338 Dec 28 j 02:52	13°♍14'42	
direct	-4338 Jan 14 j 10:15	0°♎43'03		morning max el	-4337 Jan 10 j 17:36	20°♍58'01	27°31'33
desc. node	-4338 Jan 26 j 16:43	6°♎50'18		desc. node	-4337 Jan 13 j 13:46	23°♍56'45	
morning max el	-4338 Jan 28 j 09:27	8°♎26'00	27°41'34		-4337 Jan 18 j 15:13	0°♏	
	-4338 Feb 14 j 01:03	0°♐			-4337 Feb 07 j 01:52	0°♐	
morning set	-4338 Mar 02 j 14:22	29°♐48'57		morning set	-4337 Feb 14 j 11:43	13°♐59'00	
	-4338 Mar 02 j 16:32	0°♑		max. Earth dist.	-4337 Feb 19 j 14:50	24°♐27'12	1.33485 AU
max. Earth dist.	-4338 Mar 08 j 10:42	12°♑06'21	1.32846 AU				
superior conj	-4338 Mar 09 j 23:17	15°♑24'07	-0°30'12	superior conj	-4337 Feb 22 j 06:40	0°♑04'47	-0°54'28
minimum elong	-4338 Mar 10 j 00:38	15°♑31'25	0°30'04	minimum elong	-4337 Feb 22 j 09:00	0°♑17'11	0°54'13
asc. node	-4338 Mar 12 j 21:49	21°♑47'24			-4337 Feb 22 j 05:46	0°♑	
evening rise	-4338 Mar 16 j 23:38	0°♒31'55		asc. node	-4337 Feb 27 j 18:51	11°♑52'23	
	-4338 Mar 16 j 17:35	0°♒		evening rise	-4337 Mar 01 j 11:02	15°♑24'47	
	-4338 Apr 02 j 10:45	0°♓			-4337 Mar 08 j 20:06	0°♒	
evening max el	-4338 Apr 11 j 01:08	10°♓14'27	24°21'44	evening max el	-4337 Mar 23 j 17:47	20°♒57'34	22°47'42
retrograde	-4338 Apr 24 j 22:31	17°♓14'06		retrograde	-4337 Apr 05 j 22:07	27°♒25'16	
desc. node	-4338 Apr 24 j 15:25	17°♓13'54		evening set	-4337 Apr 09 j 03:16	27°♒02'37	
evening set	-4338 Apr 29 j 09:39	16°♓29'20		desc. node	-4337 Apr 11 j 12:36	26°♒18'37	
min. Earth dist.	-4338 May 05 j 12:59	13°♓26'33	0.56740 AU	min. Earth dist.	-4337 Apr 17 j 03:34	23°♒30'44	0.55534 AU
inferior conj	-4338 May 08 j 04:39	11°♓45'34	-3°17'58	inferior conj	-4337 Apr 18 j 10:34	22°♒46'01	-1°51'19
minimum elong	-4338 May 07 j 23:02	11°♓54'32	3°16'42	minimum elong	-4337 Apr 18 j 05:52	22°♒52'49	1°49'53
morning rise	-4338 May 16 j 15:35	7°♓40'35		morning rise	-4337 Apr 27 j 10:36	18°♒48'35	
direct	-4338 May 19 j 02:42	7°♓24'06		direct	-4337 Apr 29 j 23:18	18°♒33'31	
morning max el	-4338 May 28 j 14:17	11°♓48'22	19°32'44	morning max el	-4337 May 11 j 02:59	23°♒46'11	20°44'49
asc. node	-4338 Jun 08 j 21:33	27°♓46'33			-4337 May 16 j 13:32	0°♔	
	-4338 Jun 10 j 02:36	0°♕		asc. node	-4337 May 26 j 18:33	17°♓10'50	
morning set	-4338 Jun 14 j 23:42	9°♕29'24		morning set	-4337 May 30 j 05:45	24°♓07'44	
					-4337 Jun 02 j 02:03	0°♕	
superior conj	-4338 Jun 23 j 02:30	25°♕44'03	1°44'36	superior conj	-4337 Jun 06 j 20:25	9°♕50'21	1°32'58
minimum elong	-4338 Jun 23 j 00:45	25°♕35'24	1°44'40	minimum elong	-4337 Jun 06 j 17:50	9°♕37'09	1°32'49
	-4338 Jun 25 j 07:02	0°♖		max. Earth dist.	-4337 Jun 11 j 07:42	18°♕48'04	1.35840 AU
max. Earth dist.	-4338 Jun 29 j 00:08	7°♖02'17	1.37529 AU	evening rise	-4337 Jun 15 j 13:34	26°♕56'03	
evening rise	-4338 Jul 02 j 20:57	14°♖05'01			-4337 Jun 17 j 05:20	0°♖	
	-4338 Jul 12 j 06:26	0°♗			-4337 Jul 05 j 14:51	0°♗	
desc. node	-4338 Jul 21 j 14:09	14°♗13'31		desc. node	-4337 Jul 08 j 11:15	3°♗59'55	
	-4338 Aug 02 j 12:23	0°♘		evening max el	-4337 Jul 21 j 05:03	19°♗12'58	26°21'24
evening max el	-4338 Aug 07 j 18:11	5°♘42'29	25°16'08	retrograde	-4337 Aug 02 j 22:36	26°♗27'00	
retrograde	-4338 Aug 19 j 15:59	12°♘37'13		evening set	-4337 Aug 09 j 10:11	23°♗42'42	
evening set	-4338 Aug 25 j 13:40	10°♘05'18		min. Earth dist.	-4337 Aug 13 j 12:23	19°♗20'23	0.66165 AU
min. Earth dist.	-4338 Aug 29 j 23:59	5°♘04'57	0.66914 AU	inferior conj	-4337 Aug 14 j 23:54	17°♗30'47	-2°26'44
inferior conj	-4338 Aug 30 j 23:22	3°♘48'27	-1°37'08	minimum elong	-4337 Aug 15 j 03:06	17°♗20'56	2°25'26
minimum elong	-4338 Aug 31 j 01:35	3°♘41'10	1°36'05	morning rise	-4337 Aug 20 j 20:15	11°♗41'30	
	-4338 Sep 03 j 01:58	30°♙00		asc. node	-4337 Aug 22 j 17:57	10°♗54'31	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

direct	-4337 Aug 23 j 22:56	10°☿46'12		min. Earth dist.	-4336 Jul 26 j 17:31	3°☿27'29	0.65048 AU
morning max el	-4337 Aug 30 j 19:17	14°☿36'56	18°51'09	inferior conj	-4336 Jul 28 j 18:29	1°☿08'06	-3°11'17
	-4337 Sep 11 j 01:22	0°♊		minimum elong	-4336 Jul 28 j 22:11	0°☿57'34	3°10'05
morning set	-4337 Sep 21 j 04:51	16°♊03'32			-4336 Jul 29 j 18:38	30°♊	
	-4337 Sep 29 j 23:54	0°♊		morning rise	-4336 Aug 03 j 22:29	25°♊33'16	
desc. node	-4337 Oct 04 j 10:49	7°♊01'32		direct	-4336 Aug 06 j 18:54	24°♊49'19	
				asc. node	-4336 Aug 08 j 15:00	25°♊07'28	
superior conj	-4337 Oct 07 j 07:26	11°♊31'54	-0°18'01	morning max el	-4336 Aug 13 j 08:05	28°♊22'44	18°16'03
minimum elong	-4337 Oct 07 j 05:05	11°♊22'38	0°17'38		-4336 Aug 14 j 19:46	0°☿	
max. Earth dist.	-4337 Oct 06 j 19:28	10°♊44'46	1.44788 AU	morning set	-4336 Sep 01 j 01:10	26°☿36'50	
	-4337 Oct 18 j 22:58	0°♊			-4336 Sep 03 j 02:16	0°♊	
evening rise	-4337 Oct 23 j 01:31	6°♊35'19					
	-4337 Nov 06 j 21:18	0°♊		superior conj	-4336 Sep 15 j 09:24	19°♊57'10	0°30'55
evening max el	-4337 Nov 13 j 04:57	8°♊05'08	18°51'28	minimum elong	-4336 Sep 15 j 13:07	20°♊12'01	0°30'35
asc. node	-4337 Nov 18 j 16:47	11°♊46'44		max. Earth dist.	-4336 Sep 18 j 13:37	24°♊59'39	1.44649 AU
retrograde	-4337 Nov 20 j 00:31	11°♊56'30		desc. node	-4336 Sep 20 j 07:46	27°♊46'02	
evening set	-4337 Nov 23 j 03:16	11°♊01'05			-4336 Sep 21 j 17:49	0°♊	
inferior conj	-4337 Nov 28 j 22:33	5°♊17'07	3°02'05	evening rise	-4336 Oct 01 j 23:59	16°♊02'16	
minimum elong	-4337 Nov 28 j 19:21	5°♊26'55	3°01'07		-4336 Oct 11 j 00:06	0°♊	
min. Earth dist.	-4337 Nov 30 j 14:05	3°♊16'17	0.65215 AU	greatest brilliancy	-4336 Oct 13 j 20:53	4°♊22'42	-0.7m
	-4337 Dec 03 j 13:04	30°♊		evening max el	-4336 Oct 26 j 12:48	21°♊32'07	19°38'28
morning rise	-4337 Dec 04 j 11:04	29°♊09'26		retrograde	-4336 Nov 02 j 20:58	25°♊47'45	
direct	-4337 Dec 11 j 02:01	26°♊19'20		asc. node	-4336 Nov 04 j 13:54	25°♊30'53	
	-4337 Dec 19 j 17:50	0°♊		evening set	-4336 Nov 06 j 07:23	24°♊38'55	
morning max el	-4337 Dec 24 j 03:09	3°♊53'37	26°49'38	inferior conj	-4336 Nov 11 j 21:11	18°♊41'19	2°19'13
desc. node	-4337 Dec 31 j 10:45	12°♊11'54		minimum elong	-4336 Nov 11 j 18:22	18°♊50'29	2°18'12
	-4336 Jan 13 j 01:03	0°♊		min. Earth dist.	-4336 Nov 12 j 23:25	17°♊15'53	0.66255 AU
morning set	-4336 Jan 28 j 22:33	27°♊32'11		morning rise	-4336 Nov 17 j 05:07	12°♊28'35	
	-4336 Jan 30 j 05:14	0°♊		direct	-4336 Nov 23 j 06:55	9°♊49'16	
max. Earth dist.	-4336 Feb 02 j 08:36	6°♊12'19	1.34553 AU	morning max el	-4336 Dec 05 j 12:19	17°♊02'11	25°43'28
					-4336 Dec 16 j 09:18	0°♊	
superior conj	-4336 Feb 06 j 08:55	14°♊25'00	-1°16'51	desc. node	-4336 Dec 17 j 07:44	1°♊15'50	
minimum elong	-4336 Feb 06 j 11:53	14°♊40'28	1°16'37		-4335 Jan 04 j 23:28	0°♊	
evening rise	-4336 Feb 13 j 20:36	0°♊06'20		morning set	-4335 Jan 10 j 18:21	10°♊15'05	
	-4336 Feb 13 j 19:22	0°♊		max. Earth dist.	-4335 Jan 14 j 14:49	17°♊27'11	1.36075 AU
asc. node	-4336 Feb 14 j 15:53	1°♊45'57					
	-4336 Mar 02 j 19:10	0°♊		superior conj	-4335 Jan 20 j 03:23	28°♊16'51	-1°35'47
evening max el	-4336 Mar 04 j 16:36	1°♊56'09	21°18'05	minimum elong	-4335 Jan 20 j 06:25	28°♊32'00	1°35'41
retrograde	-4336 Mar 16 j 12:20	7°♊35'31			-4335 Jan 20 j 23:53	0°♊	
evening set	-4336 Mar 19 j 00:11	7°♊21'17		evening rise	-4335 Jan 28 j 02:25	14°♊30'31	
inferior conj	-4336 Mar 28 j 06:23	3°♊21'54	0°02'20	asc. node	-4335 Jan 31 j 12:56	21°♊22'40	
minimum elong	-4336 Mar 28 j 06:29	3°♊21'45	0°02'11		-4335 Feb 05 j 04:44	0°♊	
transit middle	-4336 Mar 28 j 06:29	3°♊21'45	0°02'11	evening max el	-4335 Feb 15 j 01:13	13°♊26'07	20°02'05
transit begin	-4336 Mar 28 j 02:25	3°♊27'30		retrograde	-4335 Feb 25 j 04:29	18°♊14'26	
transit end	-4336 Mar 28 j 10:33	3°♊16'01		evening set	-4335 Feb 27 j 12:18	18°♊00'24	
desc. node	-4336 Mar 28 j 09:45	3°♊17'09		inferior conj	-4335 Mar 08 j 05:49	14°♊00'09	1°52'25
min. Earth dist.	-4336 Mar 28 j 17:49	3°♊05'45	0.55181 AU	minimum elong	-4335 Mar 08 j 10:12	13°♊53'28	1°50'55
	-4336 Apr 04 j 00:10	30°♊		min. Earth dist.	-4335 Mar 10 j 07:52	12°♊44'17	0.55762 AU
morning rise	-4336 Apr 06 j 12:35	29°♊15'40		desc. node	-4335 Mar 15 j 06:53	10°♊10'23	
direct	-4336 Apr 09 j 11:46	28°♊56'22		morning rise	-4335 Mar 17 j 06:03	9°♊29'42	
	-4336 Apr 14 j 18:11	0°♊		direct	-4335 Mar 21 j 04:10	8°♊55'49	
morning max el	-4336 Apr 22 j 04:48	5°♊02'25	22°13'46	morning max el	-4335 Apr 03 j 22:14	15°♊46'04	23°52'18
	-4336 May 09 j 04:15	0°♊			-4335 Apr 15 j 04:30	0°♊	
asc. node	-4336 May 12 j 15:32	6°♊56'10		morning set	-4335 Apr 28 j 03:36	24°♊02'01	
morning set	-4336 May 13 j 15:42	9°♊00'57		asc. node	-4335 Apr 29 j 12:31	26°♊55'48	
					-4335 Apr 30 j 23:01	0°♊	
superior conj	-4336 May 20 j 22:20	24°♊22'50	1°16'19				
minimum elong	-4336 May 20 j 19:40	24°♊08'47	1°15'59	superior conj	-4335 May 05 j 05:30	9°♊12'04	0°56'05
	-4336 May 23 j 15:00	0°♊		minimum elong	-4335 May 05 j 03:16	9°♊00'06	0°55'41
max. Earth dist.	-4336 May 24 j 01:10	0°♊52'21	1.34494 AU	max. Earth dist.	-4335 May 07 j 04:18	13°♊22'25	1.33513 AU
evening rise	-4336 May 28 j 21:45	10°♊35'55		evening rise	-4335 May 12 j 16:57	24°♊49'56	
	-4336 Jun 08 j 15:09	0°♊			-4335 May 15 j 07:49	0°♊	
desc. node	-4336 Jun 24 j 08:21	23°♊13'05			-4335 Jun 02 j 03:44	0°♊	
	-4336 Jun 30 j 02:54	0°♊		desc. node	-4335 Jun 11 j 05:28	11°♊38'08	
evening max el	-4336 Jul 02 j 16:35	2°♊37'25	27°06'46	evening max el	-4335 Jun 15 j 03:02	15°♊42'34	27°25'13
retrograde	-4336 Jul 15 j 23:55	9°♊59'51		retrograde	-4335 Jun 28 j 19:13	23°♊06'40	
evening set	-4336 Jul 22 j 22:19	7°♊12'01		evening set	-4335 Jul 05 j 22:51	20°♊27'16	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

min. Earth dist.	-4335 Jul 09 j 13:25	17° Π 16'07	0.63551 AU	min. Earth dist.	-4334 Jun 21 j 23:17	0° Π 33'17	0.61716 AU
inferior conj	-4335 Jul 12 j 04:26	14° Π 34'13	-3°47'46		-4334 Jun 22 j 14:20	30° \mathbb{R} 8	
minimum elong	-4335 Jul 12 j 07:51	14° Π 25'25	3°46'57	inferior conj	-4334 Jun 25 j 02:37	27° \mathbb{B} 42'05	-4°11'29
morning rise	-4335 Jul 18 j 17:41	9° Π 17'03		minimum elong	-4334 Jun 25 j 04:34	27° \mathbb{B} 37'38	4°11'10
direct	-4335 Jul 21 j 09:54	8° Π 41'53		morning rise	-4334 Jul 02 j 02:42	22° \mathbb{B} 45'22	
asc. node	-4335 Jul 26 j 12:03	10° Π 48'14		direct	-4334 Jul 04 j 16:27	22° \mathbb{B} 17'01	
morning max el	-4335 Jul 27 j 22:49	12° Π 06'28	17°58'31	morning max el	-4334 Jul 11 j 12:50	25° \mathbb{B} 42'23	17°59'26
	-4335 Aug 09 j 02:58	0° \mathfrak{C}		asc. node	-4334 Jul 13 j 09:06	27° \mathbb{B} 42'02	
morning set	-4335 Aug 13 j 22:44	8° \mathfrak{C} 21'52			-4334 Jul 15 j 04:20	0° Π	
				morning set	-4334 Jul 27 j 16:18	21° Π 04'26	
superior conj	-4335 Aug 26 j 06:58	29° \mathfrak{C} 21'46	1°10'53		-4334 Aug 01 j 14:25	0° \mathfrak{C}	
minimum elong	-4335 Aug 26 j 12:51	29° \mathfrak{C} 46'00	1°10'25	superior conj	-4334 Aug 07 j 08:12	10° \mathfrak{C} 08'47	1°36'20
	-4335 Aug 26 j 16:14	0° Ω		minimum elong	-4334 Aug 07 j 12:22	10° \mathfrak{C} 26'53	1°36'14
max. Earth dist.	-4335 Sep 01 j 05:42	9° Ω 02'39	1.43802 AU	max. Earth dist.	-4334 Aug 14 j 16:38	22° \mathfrak{C} 34'47	1.42371 AU
desc. node	-4335 Sep 07 j 04:43	18° Ω 29'38			-4334 Aug 19 j 06:14	0° Ω	
evening rise	-4335 Sep 11 j 05:38	24° Ω 46'48		evening rise	-4334 Aug 21 j 12:53	3° Ω 37'23	
	-4335 Sep 14 j 15:02	0° \mathbb{N}		desc. node	-4334 Aug 25 j 01:40	9° Ω 09'02	
	-4335 Oct 05 j 07:59	0° $\underline{\mathfrak{A}}$			-4334 Sep 08 j 01:27	0° \mathbb{N}	
evening max el	-4335 Oct 09 j 15:08	4° $\underline{\mathfrak{A}}$ 58'35	20°39'59	evening max el	-4334 Sep 22 j 11:06	18° \mathbb{N} 23'21	21°52'55
retrograde	-4335 Oct 17 j 18:09	9° $\underline{\mathfrak{A}}$ 46'21		retrograde	-4334 Oct 01 j 14:12	23° \mathbb{N} 48'51	
evening set	-4335 Oct 21 j 14:26	8° $\underline{\mathfrak{A}}$ 21'27		evening set	-4334 Oct 05 j 22:27	22° \mathbb{N} 05'40	
asc. node	-4335 Oct 22 j 10:59	7° $\underline{\mathfrak{A}}$ 39'23		asc. node	-4334 Oct 09 j 08:07	18° \mathbb{N} 26'39	
inferior conj	-4335 Oct 27 j 00:26	2° $\underline{\mathfrak{A}}$ 13'29	1°30'56	inferior conj	-4334 Oct 11 j 06:16	15° \mathbb{N} 50'47	0°39'16
minimum elong	-4335 Oct 26 j 22:27	2° $\underline{\mathfrak{A}}$ 20'14	1°30'09	minimum elong	-4334 Oct 11 j 05:22	15° \mathbb{N} 53'54	0°38'56
min. Earth dist.	-4335 Oct 27 j 14:52	1° $\underline{\mathfrak{A}}$ 24'32	0.66945 AU	min. Earth dist.	-4334 Oct 11 j 10:03	15° \mathbb{N} 37'41	0.67321 AU
	-4335 Oct 28 j 16:11	30° \mathbb{R} 7		morning rise	-4334 Oct 16 j 12:08	9° \mathbb{N} 35'37	
morning rise	-4335 Nov 01 j 06:18	25° \mathbb{N} 58'12		direct	-4334 Oct 21 j 07:38	7° \mathbb{N} 35'18	
direct	-4335 Nov 06 j 16:57	23° \mathbb{N} 36'49		morning max el	-4334 Oct 31 j 07:23	13° \mathbb{N} 33'02	22°56'09
	-4335 Nov 17 j 14:34	0° $\underline{\mathfrak{A}}$			-4334 Nov 13 j 12:05	0° $\underline{\mathfrak{A}}$	
morning max el	-4335 Nov 17 j 21:06	0° $\underline{\mathfrak{A}}$ 16'20	24°22'30	desc. node	-4334 Nov 21 j 01:38	10° $\underline{\mathfrak{A}}$ 56'53	
desc. node	-4335 Dec 04 j 04:43	20° $\underline{\mathfrak{A}}$ 54'26			-4334 Dec 03 j 06:20	0° \mathbb{M}	
	-4335 Dec 10 j 07:40	0° \mathbb{M}		morning set	-4334 Dec 04 j 13:52	2° \mathbb{M} 09'23	
morning set	-4335 Dec 23 j 17:27	21° \mathbb{M} 52'37		max. Earth dist.	-4334 Dec 09 j 09:05	10° \mathbb{M} 14'08	1.40029 AU
max. Earth dist.	-4335 Dec 27 j 12:45	28° \mathbb{M} 37'01	1.37966 AU				
	-4335 Dec 28 j 07:04	0° \mathbb{X}		superior conj	-4334 Dec 17 j 02:14	23° \mathbb{M} 54'15	-1°54'06
superior conj	-4334 Jan 03 j 10:42	11° \mathbb{X} 30'57	-1°49'08	minimum elong	-4334 Dec 17 j 02:03	23° \mathbb{M} 53'24	1°54'15
minimum elong	-4334 Jan 03 j 12:47	11° \mathbb{X} 40'59	1°49'14		-4334 Dec 20 j 09:19	0° \mathbb{X}	
evening rise	-4334 Jan 12 j 02:17	28° \mathbb{X} 31'24		evening rise	-4334 Dec 26 j 17:22	12° \mathbb{X} 00'54	
	-4334 Jan 12 j 20:15	0° \mathfrak{Z}		asc. node	-4333 Jan 05 j 07:01	29° \mathbb{X} 19'14	
asc. node	-4334 Jan 18 j 09:58	10° \mathfrak{Z} 36'33			-4333 Jan 05 j 17:16	0° \mathfrak{Z}	
evening max el	-4334 Jan 28 j 20:09	25° \mathfrak{Z} 31'47	19°04'29	evening max el	-4333 Jan 11 j 23:37	8° \mathfrak{Z} 07'49	18°26'55
retrograde	-4334 Feb 06 j 10:48	29° \mathfrak{Z} 39'03		retrograde	-4333 Jan 19 j 11:27	11° \mathfrak{Z} 48'44	
evening set	-4334 Feb 08 j 20:28	29° \mathfrak{Z} 21'11		evening set	-4333 Jan 22 j 00:03	11° \mathfrak{Z} 24'56	
inferior conj	-4334 Feb 16 j 20:56	25° \mathfrak{Z} 06'51	3°12'00	inferior conj	-4333 Jan 29 j 08:22	6° \mathfrak{Z} 50'43	3°53'50
minimum elong	-4334 Feb 17 j 01:40	24° \mathfrak{Z} 58'34	3°10'49	minimum elong	-4333 Jan 29 j 10:40	6° \mathfrak{Z} 46'03	3°53'25
min. Earth dist.	-4334 Feb 19 j 23:00	22° \mathfrak{Z} 58'39	0.57130 AU	min. Earth dist.	-4333 Feb 01 j 17:30	4° \mathfrak{Z} 07'24	0.58989 AU
morning rise	-4334 Feb 25 j 04:18	20° \mathfrak{Z} 06'20		morning rise	-4333 Feb 05 j 19:07	1° \mathfrak{Z} 25'28	
direct	-4334 Mar 02 j 08:13	19° \mathfrak{Z} 03'38			-4333 Feb 09 j 13:40	30° \mathbb{R} 7	
desc. node	-4334 Mar 02 j 04:00	19° \mathfrak{Z} 03'43		direct	-4333 Feb 12 j 01:19	29° \mathbb{X} 43'52	
morning max el	-4334 Mar 16 j 13:12	26° \mathfrak{Z} 22'14	25°27'36		-4333 Feb 14 j 13:48	0° \mathfrak{Z}	
	-4334 Mar 19 j 24:00	0° \approx		desc. node	-4333 Feb 17 j 01:06	0° \mathfrak{Z} 45'43	
	-4334 Apr 08 j 04:32	0° \mathbb{X}		morning max el	-4333 Feb 26 j 07:24	7° \mathfrak{Z} 17'40	26°44'29
morning set	-4334 Apr 12 j 15:45	9° \mathbb{X} 04'49			-4333 Mar 15 j 07:54	0° \approx	
asc. node	-4334 Apr 16 j 09:31	17° \mathbb{X} 04'42		morning set	-4333 Mar 28 j 02:27	24° \approx 02'22	
					-4333 Mar 30 j 21:54	0° \mathbb{X}	
superior conj	-4334 Apr 19 j 15:50	24° \mathbb{X} 10'59	0°33'23	asc. node	-4333 Apr 03 j 06:30	7° \mathbb{X} 17'48	
minimum elong	-4334 Apr 19 j 14:24	24° \mathbb{X} 03'14	0°33'03	superior conj	-4333 Apr 04 j 03:30	9° \mathbb{X} 12'42	0°09'08
max. Earth dist.	-4334 Apr 20 j 14:11	26° \mathbb{X} 12'36	1.32887 AU	minimum elong	-4333 Apr 04 j 03:06	9° \mathbb{X} 10'29	0°08'58
	-4334 Apr 22 j 08:13	0° \mathbb{Y}		behind sun begin	-4333 Apr 03 j 22:58	8° \mathbb{X} 47'51	
evening rise	-4334 Apr 26 j 19:47	9° \mathbb{Y} 27'08		behind sun end	-4333 Apr 04 j 07:14	9° \mathbb{X} 33'08	
	-4334 May 07 j 16:26	0° \mathbb{B}		max. Earth dist.	-4333 Apr 04 j 03:17	9° \mathbb{X} 11'30	1.32598 AU
evening max el	-4334 May 28 j 09:55	28° \mathbb{B} 15'37	27°12'01	evening rise	-4333 Apr 11 j 03:36	24° \mathbb{X} 18'07	
desc. node	-4334 May 29 j 02:34	28° \mathbb{B} 54'45			-4333 Apr 13 j 22:21	0° \mathbb{Y}	
	-4334 May 30 j 07:49	0° Π			-4333 May 01 j 17:31	0° \mathbb{B}	
retrograde	-4334 Jun 11 j 08:04	5° Π 38'36		evening max el	-4333 May 10 j 11:12	10° \mathbb{B} 08'08	26°26'20
evening set	-4334 Jun 18 j 07:54	3° Π 21'41					

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-4333 May 15 j 23:42	14° ♄ 34'45			-4332 Apr 05 j 09:44	0° ♄	
retrograde	-4333 May 24 j 13:13	17° ♄ 27'37		evening max el	-4332 Apr 21 j 06:33	21° ♄ 20'41	25°12'42
evening set	-4333 May 30 j 21:28	15° ♄ 45'32		desc. node	-4332 May 01 j 20:52	28° ♄ 02'14	
min. Earth dist.	-4333 Jun 04 j 00:19	13° ♄ 03'43	0.59680 AU	retrograde	-4332 May 05 j 08:06	28° ♄ 30'25	
inferior conj	-4333 Jun 07 j 09:27	10° ♄ 23'04	-4°15'25	evening set	-4332 May 10 j 13:25	27° ♄ 27'02	
minimum elong	-4333 Jun 07 j 08:34	10° ♄ 24'51	4°15'16	min. Earth dist.	-4332 May 15 j 19:00	24° ♄ 35'27	0.57710 AU
morning rise	-4333 Jun 14 j 21:59	5° ♄ 47'57		inferior conj	-4332 May 18 j 21:32	22° ♄ 27'39	-3°49'52
direct	-4333 Jun 17 j 10:16	5° ♄ 25'07		minimum elong	-4332 May 18 j 17:13	22° ♄ 35'07	3°49'08
morning max el	-4333 Jun 24 j 23:17	9° ♄ 02'46	18°19'47	morning rise	-4332 May 27 j 00:00	18° ♄ 12'45	
asc. node	-4333 Jun 30 j 06:10	15° ♄ 33'36		direct	-4332 May 29 j 11:23	17° ♄ 54'18	
	-4333 Jul 08 j 15:15	0° ♄		morning max el	-4332 Jun 07 j 03:10	21° ♄ 57'39	19°00'15
morning set	-4333 Jul 11 j 00:50	4° ♄ 31'57			-4332 Jun 13 j 13:44	0° ♄	
				asc. node	-4332 Jun 16 j 03:12	4° ♄ 09'13	
superior conj	-4333 Jul 20 j 10:34	22° ♄ 11'33	1°47'53	morning set	-4332 Jun 23 j 20:09	18° ♄ 33'25	
minimum elong	-4333 Jul 20 j 11:57	22° ♄ 17'54	1°48'03		-4332 Jun 29 j 15:34	0° ♄	
	-4333 Jul 24 j 18:56	0° ♄					
max. Earth dist.	-4333 Jul 27 j 21:36	5° ♄ 24'34	1.40556 AU	superior conj	-4332 Jul 02 j 08:16	5° ♄ 13'23	1°48'18
evening rise	-4333 Aug 01 j 15:59	13° ♄ 25'21		minimum elong	-4332 Jul 02 j 07:24	5° ♄ 09'09	1°48'28
desc. node	-4333 Aug 11 j 22:39	29° ♄ 40'54		max. Earth dist.	-4332 Jul 08 j 23:15	17° ♄ 33'43	1.38610 AU
	-4333 Aug 12 j 03:41	0° ♄		evening rise	-4332 Jul 12 j 21:26	24° ♄ 30'00	
	-4333 Sep 03 j 08:04	0° ♄			-4332 Jul 16 j 02:52	0° ♄	
evening max el	-4333 Sep 05 j 01:39	1° ♄ 48'52	23°12'39	desc. node	-4332 Jul 28 j 19:41	20° ♄ 00'10	
retrograde	-4333 Sep 15 j 07:38	7° ♄ 53'09			-4332 Aug 04 j 20:38	0° ♄	
evening set	-4333 Sep 20 j 05:40	5° ♄ 50'27		evening max el	-4332 Aug 17 j 13:06	15° ♄ 17'09	24°32'53
	-4333 Sep 25 j 04:49	30° ♄		retrograde	-4332 Aug 28 j 21:17	21° ♄ 55'29	
inferior conj	-4333 Sep 25 j 12:53	29° ♄ 32'13	-0°13'58	evening set	-4332 Sep 03 j 10:17	19° ♄ 33'40	
minimum elong	-4333 Sep 25 j 13:12	29° ♄ 31'07	0°13'44	min. Earth dist.	-4332 Sep 08 j 01:44	14° ♄ 12'01	0.67187 AU
transit middle	-4333 Sep 25 j 13:12	29° ♄ 31'07	0°13'44	inferior conj	-4332 Sep 08 j 18:35	13° ♄ 15'32	-1°07'10
transit begin	-4333 Sep 25 j 11:44	29° ♄ 36'10		minimum elong	-4332 Sep 08 j 20:08	13° ♄ 10'19	1°06'22
transit end	-4333 Sep 25 j 14:41	29° ♄ 26'03		asc. node	-4332 Sep 12 j 02:22	9° ♄ 06'46	
min. Earth dist.	-4333 Sep 25 j 06:31	29° ♄ 54'08	0.67404 AU	morning rise	-4332 Sep 14 j 05:58	7° ♄ 09'51	
asc. node	-4333 Sep 26 j 05:14	28° ♄ 36'10		direct	-4332 Sep 17 j 23:24	5° ♄ 49'54	
morning rise	-4333 Sep 30 j 20:39	23° ♄ 20'09		morning max el	-4332 Sep 25 j 19:57	10° ♄ 24'48	20°19'13
direct	-4333 Oct 05 j 02:12	21° ♄ 40'54			-4332 Oct 10 j 12:32	0° ♄	
morning max el	-4333 Oct 13 j 22:15	26° ♄ 54'59	21°32'56	morning set	-4332 Oct 23 j 05:16	19° ♄ 19'15	
	-4333 Oct 16 j 17:35	0° ♄		desc. node	-4332 Oct 24 j 19:28	21° ♄ 47'36	
	-4333 Nov 07 j 02:32	0° ♄			-4332 Oct 30 j 00:58	0° ♄	
desc. node	-4333 Nov 07 j 22:33	1° ♄ 16'27		max. Earth dist.	-4332 Nov 02 j 19:18	5° ♄ 59'54	1.43564 AU
morning set	-4333 Nov 14 j 06:06	11° ♄ 06'03					
max. Earth dist.	-4333 Nov 21 j 10:21	22° ♄ 41'06	1.41988 AU	superior conj	-4332 Nov 08 j 12:19	15° ♄ 16'31	-1°24'28
	-4333 Nov 25 j 19:20	0° ♄		minimum elong	-4332 Nov 08 j 05:41	14° ♄ 49'13	1°23'53
					-4332 Nov 17 j 06:31	0° ♄	
superior conj	-4333 Nov 28 j 20:31	5° ♄ 13'28	-1°47'03	evening rise	-4332 Nov 21 j 06:34	6° ♄ 54'41	
minimum elong	-4333 Nov 28 j 16:50	4° ♄ 57'35	1°46'57		-4332 Dec 05 j 06:53	0° ♄	
evening rise	-4333 Dec 09 j 20:13	24° ♄ 51'36		evening max el	-4332 Dec 08 j 21:22	4° ♄ 20'27	18°11'20
	-4333 Dec 12 j 15:56	0° ♄		asc. node	-4332 Dec 09 j 01:11	4° ♄ 30'01	
asc. node	-4333 Dec 23 j 04:06	17° ♄ 21'08		retrograde	-4332 Dec 15 j 10:42	7° ♄ 50'13	
evening max el	-4333 Dec 26 j 09:01	21° ♄ 06'45	18°09'25	evening set	-4332 Dec 18 j 05:34	7° ♄ 10'57	
retrograde	-4332 Jan 02 j 04:45	24° ♄ 35'47		inferior conj	-4332 Dec 24 j 13:21	1° ♄ 54'21	3°51'21
evening set	-4332 Jan 04 j 20:17	24° ♄ 04'48		minimum elong	-4332 Dec 24 j 11:02	2° ♄ 00'31	3°50'52
inferior conj	-4332 Jan 11 j 15:00	19° ♄ 09'01	4°03'58		-4332 Dec 26 j 08:29	30° ♄	
minimum elong	-4332 Jan 11 j 14:32	19° ♄ 10'06	4°03'45	min. Earth dist.	-4332 Dec 27 j 03:44	29° ♄ 10'09	0.62872 AU
min. Earth dist.	-4332 Jan 14 j 18:12	16° ♄ 14'20	0.60997 AU	morning rise	-4332 Dec 30 j 15:44	25° ♄ 59'59	
morning rise	-4332 Jan 18 j 07:25	13° ♄ 26'44		direct	-4331 Jan 06 j 17:37	23° ♄ 17'58	
direct	-4332 Jan 25 j 05:19	11° ♄ 08'41			-4331 Jan 19 j 11:47	0° ♄	
desc. node	-4332 Feb 03 j 22:12	15° ♄ 01'47		morning max el	-4331 Jan 20 j 13:17	1° ♄ 01'09	27°41'30
morning max el	-4332 Feb 08 j 07:32	18° ♄ 49'34	27°30'53	desc. node	-4331 Jan 20 j 19:15	1° ♄ 15'56	
	-4332 Feb 17 j 19:18	0° ♄			-4331 Feb 10 j 21:17	0° ♄	
	-4332 Mar 07 j 00:06	0° ♄		morning set	-4331 Feb 23 j 11:37	23° ♄ 13'50	
morning set	-4332 Mar 11 j 09:48	8° ♄ 47'54			-4331 Feb 26 j 18:41	0° ♄	
max. Earth dist.	-4332 Mar 17 j 15:57	22° ♄ 06'15	1.32653 AU	max. Earth dist.	-4331 Mar 01 j 00:27	4° ♄ 44'06	1.33070 AU
superior conj	-4332 Mar 18 j 14:53	24° ♄ 11'14	-0°15'51	superior conj	-4331 Mar 03 j 00:17	9° ♄ 00'40	-0°40'39
minimum elong	-4332 Mar 18 j 15:36	24° ♄ 15'07	0°15'49	minimum elong	-4331 Mar 03 j 02:05	9° ♄ 10'19	0°40'27
asc. node	-4332 Mar 20 j 03:30	27° ♄ 31'05		asc. node	-4331 Mar 07 j 00:30	17° ♄ 40'37	
	-4332 Mar 21 j 06:49	0° ♄		evening rise	-4331 Mar 10 j 01:57	24° ♄ 12'24	
evening rise	-4332 Mar 25 j 14:16	9° ♄ 15'24			-4331 Mar 12 j 21:15	0° ♄	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4331 Mar 31 j 20:27	0°♿		evening rise	-4330 Feb 22 j 12:47	9°♿01'24	
evening max el	-4331 Apr 02 j 22:43	2°♿08'03	23°42'01		-4330 Mar 05 j 16:21	0°♿	
retrograde	-4331 Apr 16 j 14:26	8°♿55'37		evening max el	-4330 Mar 15 j 17:12	12°♿54'16	22°08'17
desc. node	-4331 Apr 18 j 18:03	8°♿45'18		retrograde	-4330 Mar 28 j 09:01	19°♿02'56	
evening set	-4331 Apr 20 j 11:58	8°♿22'12		evening set	-4330 Mar 31 j 05:13	18°♿45'03	
min. Earth dist.	-4331 Apr 27 j 10:09	5°♿08'41	0.56137 AU	desc. node	-4330 Apr 05 j 15:12	16°♿45'52	
inferior conj	-4331 Apr 29 j 13:39	3°♿50'55	-2°45'53	min. Earth dist.	-4330 Apr 09 j 00:06	14°♿56'48	0.55274 AU
minimum elong	-4331 Apr 29 j 07:50	3°♿59'44	2°44'19	inferior conj	-4330 Apr 09 j 13:45	14°♿37'33	-1°04'49
	-4331 May 07 j 14:20	30°♿		minimum elong	-4330 Apr 09 j 10:48	14°♿41'43	1°03'54
morning rise	-4331 May 08 j 06:32	29°♿50'36		morning rise	-4330 Apr 18 j 17:43	10°♿39'03	
direct	-4331 May 10 j 18:00	29°♿34'59		direct	-4330 Apr 21 j 09:31	10°♿23'06	
	-4331 May 13 j 19:11	0°♿		morning max el	-4330 May 03 j 05:51	15°♿57'55	21°20'57
morning max el	-4331 May 20 j 21:54	4°♿18'27	20°01'04		-4330 May 13 j 22:10	0°♿	
asc. node	-4331 Jun 03 j 00:13	23°♿18'37		asc. node	-4330 May 20 j 21:13	12°♿52'30	
	-4331 Jun 06 j 11:01	0°♿		morning set	-4330 May 23 j 07:00	17°♿46'07	
morning set	-4331 Jun 07 j 23:03	3°♿00'49			-4330 May 29 j 03:38	0°♿	
superior conj	-4331 Jun 15 j 20:05	18°♿59'58	1°40'23	superior conj	-4330 May 30 j 17:46	3°♿18'17	1°26'25
minimum elong	-4331 Jun 15 j 17:52	18°♿48'54	1°40'22	minimum elong	-4330 May 30 j 15:04	3°♿04'20	1°26'11
max. Earth dist.	-4331 Jun 21 j 03:22	29°♿22'01	1.36776 AU	max. Earth dist.	-4330 Jun 03 j 15:02	11°♿13'52	1.35222 AU
	-4331 Jun 21 j 11:21	0°♿		evening rise	-4330 Jun 08 j 02:33	19°♿59'09	
evening rise	-4331 Jun 25 j 02:45	6°♿46'15			-4330 Jun 13 j 13:18	0°♿	
	-4331 Jul 08 j 22:30	0°♿		desc. node	-4330 Jul 02 j 13:50	29°♿34'12	
desc. node	-4331 Jul 15 j 16:44	10°♿00'47			-4330 Jul 02 j 21:37	0°♿	
evening max el	-4331 Jul 30 j 23:51	28°♿48'08	25°45'51	evening max el	-4330 Jul 13 j 10:56	12°♿16'24	26°43'32
	-4331 Aug 01 j 06:04	0°♿		retrograde	-4330 Jul 26 j 10:46	19°♿35'01	
retrograde	-4331 Aug 12 j 06:28	5°♿51'35		evening set	-4330 Aug 02 j 03:39	16°♿47'37	
evening set	-4331 Aug 18 j 10:22	3°♿13'39		min. Earth dist.	-4330 Aug 06 j 02:37	12°♿41'57	0.65737 AU
	-4331 Aug 21 j 12:00	30°♿		inferior conj	-4330 Aug 07 j 19:49	10°♿38'55	-2°46'26
min. Earth dist.	-4331 Aug 22 j 17:12	28°♿29'25	0.66644 AU	minimum elong	-4330 Aug 07 j 23:17	10°♿28'32	2°45'08
inferior conj	-4331 Aug 23 j 21:33	26°♿58'48	-1°58'38	morning rise	-4330 Aug 13 j 19:14	4°♿55'43	
minimum elong	-4331 Aug 24 j 00:13	26°♿50'15	1°57'26	direct	-4330 Aug 16 j 19:00	4°♿05'38	
morning rise	-4331 Aug 29 j 14:11	21°♿02'45		asc. node	-4330 Aug 16 j 20:36	4°♿05'39	
asc. node	-4331 Aug 29 j 23:30	20°♿48'45		morning max el	-4330 Aug 23 j 11:27	7°♿47'43	18°34'13
direct	-4331 Sep 01 j 21:40	19°♿59'19			-4330 Sep 07 j 20:10	0°♿	
morning max el	-4331 Sep 09 j 00:51	24°♿03'18	19°18'54	morning set	-4330 Sep 12 j 14:39	7°♿43'18	
	-4331 Sep 13 j 23:18	0°♿			-4330 Sep 26 j 13:12	0°♿	
morning set	-4331 Oct 02 j 10:16	27°♿56'13		superior conj	-4330 Sep 28 j 01:17	2°♿22'24	0°03'12
	-4331 Oct 03 j 17:54	0°♿		minimum elong	-4330 Sep 28 j 01:42	2°♿24'05	0°03'15
desc. node	-4331 Oct 11 j 16:22	12°♿26'28		behind sun begin	-4330 Sep 27 j 14:31	1°♿39'55	
max. Earth dist.	-4331 Oct 16 j 10:39	19°♿56'50	1.44545 AU	behind sun end	-4330 Sep 28 j 12:53	3°♿08'13	
superior conj	-4331 Oct 19 j 01:40	24°♿06'35	-0°45'38	desc. node	-4330 Sep 28 j 13:18	3°♿09'49	
minimum elong	-4331 Oct 18 j 20:12	23°♿44'52	0°44'55	max. Earth dist.	-4330 Sep 29 j 04:39	4°♿10'19	1.44813 AU
	-4331 Oct 22 j 18:12	0°♿		evening rise	-4330 Oct 14 j 08:16	28°♿03'58	
evening rise	-4331 Nov 02 j 19:46	18°♿01'10			-4330 Oct 15 j 13:34	0°♿	
	-4331 Nov 10 j 01:56	0°♿		greatest brilliancy	-4330 Oct 23 j 00:23	11°♿46'24	-0.8m
evening max el	-4331 Nov 22 j 09:52	17°♿42'22	18°31'44		-4330 Nov 04 j 18:45	0°♿	
asc. node	-4331 Nov 25 j 22:18	20°♿31'10		evening max el	-4330 Nov 05 j 19:59	1°♿08'18	19°09'29
retrograde	-4331 Nov 29 j 01:03	21°♿23'18		retrograde	-4330 Nov 12 j 20:13	5°♿09'23	
evening set	-4331 Dec 02 j 00:26	20°♿34'18		asc. node	-4330 Nov 12 j 19:25	5°♿09'23	
inferior conj	-4331 Dec 07 j 23:39	14°♿59'14	3°23'14	evening set	-4330 Nov 16 j 01:54	4°♿08'36	
minimum elong	-4331 Dec 07 j 20:31	15°♿08'23	3°22'25		-4330 Nov 20 j 09:47	30°♿	
min. Earth dist.	-4331 Dec 09 j 23:17	12°♿40'17	0.64458 AU	inferior conj	-4330 Nov 21 j 18:37	28°♿18'10	2°44'45
morning rise	-4331 Dec 13 j 16:11	8°♿55'36		minimum elong	-4330 Nov 21 j 15:31	28°♿27'58	2°43'44
direct	-4331 Dec 20 j 12:50	6°♿04'46		min. Earth dist.	-4330 Nov 23 j 04:14	26°♿32'10	0.65695 AU
morning max el	-4330 Jan 02 j 22:24	13°♿44'48	27°17'18	morning rise	-4330 Nov 27 j 04:50	22°♿07'51	
desc. node	-4330 Jan 07 j 16:16	18°♿54'25		direct	-4330 Dec 03 j 14:24	19°♿21'21	
	-4330 Jan 16 j 04:16	0°♿		morning max el	-4330 Dec 16 j 08:14	26°♿48'35	26°24'01
	-4330 Feb 03 j 10:55	0°♿			-4330 Dec 19 j 08:26	0°♿	
morning set	-4330 Feb 07 j 04:57	7°♿09'31		desc. node	-4330 Dec 25 j 13:14	7°♿32'40	
max. Earth dist.	-4330 Feb 12 j 00:49	16°♿51'38	1.33890 AU		-4329 Jan 09 j 18:49	0°♿	
superior conj	-4330 Feb 15 j 05:45	23°♿33'24	-1°04'16	morning set	-4329 Jan 21 j 10:03	20°♿23'37	
minimum elong	-4330 Feb 15 j 08:24	23°♿47'25	1°04'01	max. Earth dist.	-4329 Jan 25 j 13:52	28°♿23'35	1.35150 AU
	-4330 Feb 18 j 06:32	0°♿			-4329 Jan 26 j 09:23	0°♿	
asc. node	-4330 Feb 21 j 21:30	7°♿41'18		superior conj	-4329 Jan 30 j 05:02	7°♿42'35	-1°25'24

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4329 Jan 30 j 08:07	7° Z 58'25	1°25'13	minimum elong	-4328 Jan 13 j 21:59	21° X 33'10	1°42'16
evening rise	-4329 Feb 06 j 21:02	23° Z 36'33			-4328 Jan 18 j 03:19	0° Z	
asc. node	-4329 Feb 08 j 18:30	27° Z 28'23		evening rise	-4328 Jan 22 j 00:36	7° Z 51'14	
	-4329 Feb 10 j 00:52	0° \approx		asc. node	-4328 Jan 26 j 15:32	16° Z 56'03	
evening max el	-4329 Feb 25 j 19:46	24° \approx 04'26	20°43'36		-4328 Feb 03 j 10:27	0° \approx	
retrograde	-4329 Mar 08 j 22:52	29° \approx 22'08		evening max el	-4328 Feb 08 j 08:56	5° \approx 50'06	19°35'11
evening set	-4329 Mar 11 j 07:32	29° \approx 08'46		retrograde	-4328 Feb 17 j 19:46	10° \approx 19'01	
inferior conj	-4329 Mar 20 j 09:19	25° \approx 10'45	0°51'27	evening set	-4328 Feb 20 j 03:54	10° \approx 03'49	
minimum elong	-4329 Mar 20 j 11:37	25° \approx 07'27	0°50'32	inferior conj	-4328 Feb 28 j 14:23	5° \approx 59'08	2°30'45
min. Earth dist.	-4329 Mar 21 j 14:19	24° \approx 28'53	0.55319 AU	minimum elong	-4328 Feb 28 j 19:25	5° \approx 51'03	2°29'14
desc. node	-4329 Mar 23 j 12:20	23° \approx 24'29		min. Earth dist.	-4328 Mar 02 j 05:00	4° \approx 19'11	0.56263 AU
morning rise	-4329 Mar 29 j 14:35	20° \approx 55'32		morning rise	-4328 Mar 08 j 08:21	1° \approx 15'24	
direct	-4329 Apr 01 j 21:45	20° \approx 31'51		desc. node	-4328 Mar 09 j 09:25	0° \approx 57'06	
morning max el	-4329 Apr 15 j 03:43	26° \approx 58'38	22°55'11	direct	-4328 Mar 12 j 18:59	0° \approx 30'48	
	-4329 Apr 18 j 01:42	0° H		morning max el	-4328 Mar 26 j 19:21	7° \approx 35'56	24°34'03
	-4329 May 06 j 10:28	0° Y			-4328 Apr 12 j 02:57	0° H	
morning set	-4329 May 07 j 17:56	2° Y 43'01		morning set	-4328 Apr 21 j 06:09	17° H 45'39	
asc. node	-4329 May 07 j 18:11	2° Y 44'17		asc. node	-4328 Apr 23 j 15:09	22° H 48'29	
					-4328 Apr 26 j 22:59	0° Y	
superior conj	-4329 May 14 j 22:12	17° Y 58'45	1°08'05	superior conj	-4328 Apr 28 j 06:58	2° Y 53'21	0°46'41
minimum elong	-4329 May 14 j 19:40	17° Y 45'16	1°07'43	minimum elong	-4328 Apr 28 j 05:03	2° Y 42'57	0°46'20
max. Earth dist.	-4329 May 17 j 12:31	23° Y 27'19	1.34029 AU	max. Earth dist.	-4328 Apr 29 j 18:47	6° Y 06'33	1.33203 AU
	-4329 May 20 j 16:54	0° B		evening rise	-4328 May 05 j 14:43	18° Y 20'12	
evening rise	-4329 May 22 j 15:52	3° B 54'33			-4328 May 11 j 14:36	0° B	
	-4329 Jun 06 j 07:43	0° II			-4328 May 30 j 18:07	0° II	
desc. node	-4329 Jun 19 j 10:56	18° II 28'41		desc. node	-4328 Jun 05 j 08:02	6° II 27'58	
evening max el	-4329 Jun 25 j 21:59	25° II 32'54	27°18'14	evening max el	-4328 Jun 07 j 07:19	8° II 26'31	27°23'43
	-4329 Jul 01 j 07:13	0° E		retrograde	-4328 Jun 21 j 02:44	15° II 50'47	
retrograde	-4329 Jul 09 j 09:46	2° E 57'34		evening set	-4328 Jun 28 j 05:47	13° II 19'25	
evening set	-4329 Jul 16 j 11:17	0° E 11'22		min. Earth dist.	-4328 Jul 01 j 19:49	10° II 19'20	0.62799 AU
	-4329 Jul 16 j 16:59	30° R II		inferior conj	-4328 Jul 04 j 16:25	7° II 31'27	-3°59'48
min. Earth dist.	-4329 Jul 20 j 03:56	26° II 42'06	0.64450 AU	minimum elong	-4328 Jul 04 j 19:22	7° II 24'11	3°59'12
inferior conj	-4329 Jul 22 j 11:01	24° II 11'34	-3°28'03	morning rise	-4328 Jul 11 j 10:04	2° II 22'33	
minimum elong	-4329 Jul 22 j 14:43	24° II 01'26	3°26'58	direct	-4328 Jul 14 j 00:57	1° II 50'34	
morning rise	-4329 Jul 28 j 18:47	18° II 44'08		morning max el	-4328 Jul 20 j 16:12	5° II 14'40	17°56'33
direct	-4329 Jul 31 j 13:04	18° II 04'23		asc. node	-4328 Jul 20 j 14:44	5° II 11'04	
asc. node	-4329 Aug 03 j 17:40	18° II 57'04			-4328 Aug 05 j 15:36	0° E	
morning max el	-4329 Aug 07 j 01:25	21° II 33'10	18°06'24	morning set	-4328 Aug 06 j 04:59	0° E 59'24	
	-4329 Aug 13 j 13:00	0° E					
morning set	-4329 Aug 24 j 22:10	18° E 47'47		superior conj	-4328 Aug 17 j 18:49	21° E 06'32	1°23'30
	-4329 Aug 31 j 14:27	0° Ω		minimum elong	-4328 Aug 18 j 00:17	21° E 29'30	1°23'11
superior conj	-4329 Sep 07 j 09:38	11° Ω 07'19	0°49'30		-4328 Aug 23 j 03:27	0° Ω	
minimum elong	-4329 Sep 07 j 14:53	11° Ω 28'29	0°49'00	max. Earth dist.	-4328 Aug 24 j 11:34	2° Ω 10'41	1.43253 AU
max. Earth dist.	-4329 Sep 11 j 21:44	18° Ω 20'03	1.44358 AU	desc. node	-4328 Sep 01 j 07:13	14° Ω 36'29	
desc. node	-4329 Sep 15 j 10:15	23° Ω 54'04		evening rise	-4328 Sep 02 j 01:30	15° Ω 47'43	
	-4329 Sep 19 j 07:42	0° H			-4328 Sep 11 j 08:49	0° H	
evening rise	-4329 Sep 23 j 21:46	7° H 07'34		evening max el	-4328 Oct 02 j 01:18	28° H 00'38	21°09'56
greatest brilliancy	-4329 Oct 07 j 10:58	27° H 47'46	-0.6m		-4328 Oct 04 j 03:53	0° Ω	
	-4329 Oct 08 j 22:45	0° Ω		retrograde	-4328 Oct 10 j 14:06	3° Ω 03'47	
evening max el	-4329 Oct 20 j 01:35	14° Ω 34'43	20°03'03	evening set	-4328 Oct 14 j 15:10	1° Ω 31'31	
retrograde	-4329 Oct 27 j 17:16	19° Ω 03'38			-4328 Oct 16 j 07:12	30° R H	
asc. node	-4329 Oct 30 j 16:32	18° Ω 12'23		asc. node	-4328 Oct 16 j 13:40	29° H 42'38	
evening set	-4329 Oct 31 j 07:30	17° Ω 48'28		inferior conj	-4328 Oct 20 j 00:04	25° H 20'26	1°09'20
inferior conj	-4329 Nov 05 j 19:29	11° Ω 46'05	1°59'18	minimum elong	-4328 Oct 19 j 22:31	25° H 25'45	1°08'43
minimum elong	-4329 Nov 05 j 16:59	11° Ω 54'25	1°58'21	min. Earth dist.	-4328 Oct 20 j 09:57	24° H 46'34	0.67144 AU
min. Earth dist.	-4329 Nov 06 j 16:35	10° Ω 35'55	0.66583 AU	morning rise	-4328 Oct 25 j 05:40	19° H 04'50	
morning rise	-4329 Nov 11 j 02:13	5° Ω 31'41		direct	-4328 Oct 30 j 09:56	16° H 51'55	
direct	-4329 Nov 16 j 21:39	2° Ω 59'11		morning max el	-4328 Nov 10 j 01:58	23° H 14'14	23°45'48
morning max el	-4329 Nov 28 j 17:07	10° Ω 00'06	25°10'16		-4328 Nov 16 j 01:01	0° Ω	
desc. node	-4329 Dec 12 j 10:12	26° Ω 52'38		desc. node	-4328 Nov 28 j 07:09	16° Ω 42'16	
	-4329 Dec 14 j 15:04	0° H			-4328 Dec 07 j 00:48	0° H	
	-4328 Jan 02 j 09:36	0° X		morning set	-4328 Dec 15 j 10:10	13° H 45'06	
morning set	-4328 Jan 03 j 21:49	2° X 40'55		max. Earth dist.	-4328 Dec 19 j 11:25	20° H 46'16	1.38839 AU
max. Earth dist.	-4328 Jan 07 j 15:32	9° X 30'39	1.36840 AU		-4328 Dec 24 j 14:02	0° X	
superior conj	-4328 Jan 13 j 19:13	21° X 19'31	-1°42'17	superior conj	-4328 Dec 26 j 20:28	4° X 13'47	-1°52'29

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4328 Dec 26 j 21:46	4°♌19'54	1°52'37	asc. node	-4327 Dec 30 j 09:40	24°♌24'46	
evening rise	-4327 Jan 04 j 21:04	21°♌39'24			-4326 Jan 03 j 16:06	0°♌	
	-4327 Jan 09 j 05:24	0°♌		evening max el	-4326 Jan 04 j 14:19	0°♌57'25	18°17'04
asc. node	-4327 Jan 12 j 12:35	5°♌57'39		retrograde	-4326 Jan 11 j 17:55	4°♌31'42	
evening max el	-4327 Jan 21 j 07:55	18°♌10'06	18°46'04	evening set	-4326 Jan 14 j 07:52	4°♌04'51	
retrograde	-4327 Jan 29 j 09:32	22°♌03'47			-4326 Jan 20 j 15:52	30°♌♌	
evening set	-4327 Jan 31 j 20:38	21°♌43'27		inferior conj	-4326 Jan 21 j 10:00	29°♌21'08	4°01'29
inferior conj	-4327 Feb 08 j 13:58	17°♌21'11	3°34'11	minimum elong	-4326 Jan 21 j 11:04	29°♌18'50	4°01'13
minimum elong	-4327 Feb 08 j 17:51	17°♌13'57	3°33'21	min. Earth dist.	-4326 Jan 24 j 17:40	26°♌30'24	0.59841 AU
min. Earth dist.	-4327 Feb 11 j 21:06	14°♌55'27	0.57886 AU	morning rise	-4326 Jan 28 j 12:31	23°♌48'02	
morning rise	-4327 Feb 16 j 12:38	12°♌09'33		direct	-4326 Feb 04 j 02:47	21°♌50'19	
direct	-4327 Feb 22 j 05:02	10°♌50'39		desc. node	-4326 Feb 11 j 03:38	23°♌53'13	
desc. node	-4327 Feb 24 j 06:33	11°♌01'03		morning max el	-4326 Feb 18 j 07:31	29°♌26'56	27°08'30
morning max el	-4327 Mar 08 j 10:52	18°♌16'32	26°03'21		-4326 Feb 18 j 20:56	0°♌	
	-4327 Mar 18 j 05:43	0°♌			-4326 Mar 12 j 00:32	0°♌	
	-4327 Apr 04 j 09:45	0°♌		morning set	-4326 Mar 21 j 03:29	17°♌41'10	
morning set	-4327 Apr 05 j 17:55	2°♌47'07			-4326 Mar 26 j 21:40	0°♌	
asc. node	-4327 Apr 10 j 12:07	12°♌59'40					
				superior conj	-4326 Mar 28 j 05:52	2°♌55'57	-0°01'25
superior conj	-4327 Apr 12 j 18:05	17°♌54'25	0°23'14	minimum elong	-4326 Mar 28 j 05:56	2°♌56'19	0°01'31
minimum elong	-4327 Apr 12 j 17:05	17°♌48'54	0°22'59	behind sun begin	-4326 Mar 28 j 00:57	2°♌29'01	
max. Earth dist.	-4327 Apr 13 j 06:36	19°♌02'43	1.32727 AU	behind sun end	-4326 Mar 28 j 10:55	3°♌23'37	
	-4327 Apr 18 j 08:38	0°♌		max. Earth dist.	-4326 Mar 27 j 20:15	2°♌03'23	1.32587 AU
evening rise	-4327 Apr 19 j 19:59	3°♌04'50		asc. node	-4326 Mar 28 j 09:07	3°♌13'45	
	-4327 May 04 j 11:24	0°♌		evening rise	-4326 Apr 04 j 05:19	18°♌00'04	
evening max el	-4327 May 20 j 12:17	20°♌44'11	26°56'30		-4326 Apr 10 j 04:59	0°♌	
desc. node	-4327 May 23 j 05:10	23°♌07'58			-4326 Apr 30 j 04:10	0°♌	
retrograde	-4327 Jun 03 j 12:17	28°♌05'12		evening max el	-4326 May 02 j 10:59	2°♌19'09	25°57'47
evening set	-4327 Jun 10 j 06:59	26°♌02'18		desc. node	-4326 May 10 j 02:18	7°♌56'44	
min. Earth dist.	-4327 Jun 14 j 01:50	23°♌18'37	0.60864 AU	retrograde	-4326 May 16 j 13:03	9°♌34'58	
inferior conj	-4327 Jun 17 j 08:34	20°♌29'35	-4°16'07	evening set	-4326 May 22 j 11:20	8°♌09'25	
minimum elong	-4327 Jun 17 j 09:28	20°♌27'39	4°15'57	min. Earth dist.	-4326 May 26 j 23:30	5°♌25'31	0.58827 AU
morning rise	-4327 Jun 24 j 13:43	15°♌41'39		inferior conj	-4326 May 30 j 07:48	2°♌56'17	-4°08'47
direct	-4327 Jun 27 j 02:49	15°♌15'41		minimum elong	-4326 May 30 j 05:25	3°♌00'45	4°08'29
morning max el	-4327 Jul 04 j 05:00	18°♌44'48	18°05'38		-4326 Jun 03 j 15:10	30°♌♌	
asc. node	-4327 Jul 07 j 11:48	22°♌31'13		morning rise	-4326 Jun 07 j 02:07	28°♌30'13	
	-4327 Jul 12 j 10:01	0°♌		direct	-4326 Jun 09 j 14:11	28°♌09'15	
morning set	-4327 Jul 20 j 05:33	14°♌02'56			-4326 Jun 15 j 03:41	0°♌	
	-4327 Jul 28 j 22:19	0°♌		morning max el	-4326 Jun 17 j 13:00	1°♌55'34	18°34'29
				asc. node	-4326 Jun 24 j 08:50	10°♌42'58	
superior conj	-4327 Jul 30 j 07:21	2°♌27'15	1°42'47	morning set	-4326 Jul 03 j 19:06	27°♌46'11	
minimum elong	-4327 Jul 30 j 10:21	2°♌40'31	1°42'50		-4326 Jul 04 j 22:48	0°♌	
max. Earth dist.	-4327 Aug 06 j 20:17	15°♌27'04	1.41639 AU				
evening rise	-4327 Aug 12 j 15:39	24°♌58'24		superior conj	-4326 Jul 12 j 18:41	14°♌57'21	1°49'15
	-4327 Aug 15 j 19:35	0°♌		minimum elong	-4326 Jul 12 j 19:00	14°♌58'50	1°49'26
desc. node	-4327 Aug 19 j 04:12	5°♌13'19		max. Earth dist.	-4326 Jul 19 j 23:43	27°♌59'59	1.39734 AU
	-4327 Sep 05 j 06:49	0°♌			-4326 Jul 21 j 03:17	0°♌	
evening max el	-4327 Sep 14 j 18:54	11°♌25'54	22°26'24	evening rise	-4326 Jul 24 j 05:48	5°♌18'04	
retrograde	-4327 Sep 24 j 09:02	17°♌07'25		desc. node	-4326 Aug 06 j 01:13	25°♌40'34	
evening set	-4327 Sep 28 j 23:04	15°♌15'57			-4326 Aug 08 j 23:10	0°♌	
asc. node	-4327 Oct 03 j 10:49	10°♌07'03		evening max el	-4326 Aug 28 j 07:44	24°♌51'56	23°47'07
inferior conj	-4327 Oct 04 j 06:27	8°♌59'27	0°16'47		-4326 Sep 03 j 19:24	0°♌	
minimum elong	-4327 Oct 04 j 06:03	9°♌00'49	0°16'41	retrograde	-4326 Sep 08 j 00:58	1°♌11'28	
min. Earth dist.	-4327 Oct 04 j 05:54	9°♌01'20	0.67396 AU		-4326 Sep 11 j 21:23	30°♌♌	
morning rise	-4327 Oct 09 j 12:56	2°♌45'28		evening set	-4326 Sep 13 j 05:24	29°♌00'09	
direct	-4327 Oct 14 j 02:22	0°♌54'11		min. Earth dist.	-4326 Sep 18 j 02:02	23°♌18'29	0.67351 AU
morning max el	-4327 Oct 23 j 13:46	6°♌32'27	22°19'59	inferior conj	-4326 Sep 18 j 12:52	22°♌41'31	-0°36'41
	-4327 Nov 10 j 13:05	0°♌		minimum elong	-4326 Sep 18 j 13:43	22°♌38'36	0°36'11
desc. node	-4327 Nov 15 j 04:06	6°♌53'00		asc. node	-4326 Sep 20 j 07:58	20°♌17'47	
morning set	-4327 Nov 25 j 18:15	23°♌26'04		morning rise	-4326 Sep 23 j 22:00	16°♌32'03	
	-4327 Nov 29 j 18:16	0°♌		direct	-4326 Sep 27 j 22:06	15°♌01'30	
max. Earth dist.	-4327 Dec 01 j 09:44	2°♌45'14	1.40892 AU	morning max el	-4326 Oct 06 j 07:31	19°♌57'54	21°00'11
					-4326 Oct 14 j 12:31	0°♌	
superior conj	-4327 Dec 09 j 03:44	16°♌12'11	-1°52'49	desc. node	-4326 Nov 02 j 01:01	27°♌18'00	
minimum elong	-4327 Dec 09 j 02:10	16°♌05'11	1°52'54		-4326 Nov 03 j 18:51	0°♌	
	-4327 Dec 16 j 16:36	0°♌		morning set	-4326 Nov 05 j 00:56	1°♌57'12	
evening rise	-4327 Dec 19 j 07:27	4°♌53'56		max. Earth dist.	-4326 Nov 13 j 14:39	15°♌36'42	1.42714 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4326 Nov 20 j 11:10	26° $\underline{\text{L}}$ 59'20	-1°39'31	superior conj	-4325 Oct 31 j 15:07	6° $\underline{\text{L}}$ 29'21	-1°09'49
minimum elong	-4326 Nov 20 j 05:59	26° $\underline{\text{L}}$ 37'22	1°39'14	minimum elong	-4325 Oct 31 j 08:17	6° $\underline{\text{L}}$ 01'42	1°09'05
	-4326 Nov 22 j 05:37	0° $\underline{\text{M}}$		evening rise	-4325 Nov 14 j 05:48	29° $\underline{\text{L}}$ 05'50	
evening rise	-4326 Dec 02 j 03:51	17° $\underline{\text{M}}$ 25'33			-4325 Nov 14 j 18:33	0° $\underline{\text{M}}$	
	-4326 Dec 09 j 06:34	0° $\underline{\text{J}}$		evening max el	-4325 Dec 02 j 13:54	27° $\underline{\text{M}}$ 20'28	18°17'49
asc. node	-4326 Dec 17 j 06:47	12° $\underline{\text{J}}$ 05'43		asc. node	-4325 Dec 04 j 03:52	28° $\underline{\text{M}}$ 47'38	
evening max el	-4326 Dec 19 j 01:13	14° $\underline{\text{J}}$ 02'52	18°07'54		-4325 Dec 05 j 22:09	0° $\underline{\text{J}}$	
retrograde	-4326 Dec 25 j 17:19	17° $\underline{\text{J}}$ 31'15		retrograde	-4325 Dec 09 j 03:15	0° $\underline{\text{J}}$ 54'00	
evening set	-4326 Dec 28 j 10:04	16° $\underline{\text{J}}$ 56'59		evening set	-4325 Dec 11 j 23:45	0° $\underline{\text{J}}$ 10'59	
inferior conj	-4325 Jan 03 j 23:48	11° $\underline{\text{J}}$ 51'59	4°00'54		-4325 Dec 12 j 08:08	30° $\underline{\text{R}}$ $\underline{\text{M}}$	
minimum elong	-4325 Jan 03 j 22:24	11° $\underline{\text{J}}$ 55'25	4°00'38	inferior conj	-4325 Dec 18 j 03:39	24° $\underline{\text{M}}$ 46'25	3°40'57
min. Earth dist.	-4325 Jan 06 j 21:57	8° $\underline{\text{J}}$ 59'27	0.61813 AU	minimum elong	-4325 Dec 18 j 00:52	24° $\underline{\text{M}}$ 54'08	3°40'19
morning rise	-4325 Jan 10 j 09:39	6° $\underline{\text{J}}$ 03'48		min. Earth dist.	-4325 Dec 20 j 11:54	22° $\underline{\text{M}}$ 11'13	0.63585 AU
direct	-4325 Jan 17 j 10:19	3° $\underline{\text{J}}$ 33'59		morning rise	-4325 Dec 24 j 01:20	18° $\underline{\text{M}}$ 47'34	
desc. node	-4325 Jan 29 j 00:41	9° $\underline{\text{J}}$ 03'44		direct	-4325 Dec 31 j 01:53	15° $\underline{\text{M}}$ 59'39	
morning max el	-4325 Jan 31 j 10:31	11° $\underline{\text{J}}$ 16'53	27°39'58	morning max el	-4324 Jan 13 j 18:02	23° $\underline{\text{M}}$ 43'22	27°35'10
	-4325 Feb 15 j 05:08	0° $\underline{\text{Z}}$		desc. node	-4324 Jan 15 j 21:44	25° $\underline{\text{M}}$ 57'03	
	-4325 Mar 04 j 05:15	0° $\underline{\text{Z}}$			-4324 Jan 19 j 10:32	0° $\underline{\text{J}}$	
morning set	-4325 Mar 05 j 08:48	2° $\underline{\text{Z}}$ 19'37			-4324 Feb 08 j 11:32	0° $\underline{\text{Z}}$	
max. Earth dist.	-4325 Mar 11 j 07:42	14° $\underline{\text{Z}}$ 52'57	1.32784 AU	morning set	-4324 Feb 17 j 07:23	16° $\underline{\text{Z}}$ 33'51	
				max. Earth dist.	-4324 Feb 22 j 12:57	27° $\underline{\text{Z}}$ 17'45	1.33360 AU
					-4324 Feb 23 j 19:38	0° $\underline{\text{Z}}$	
superior conj	-4325 Mar 12 j 16:36	17° $\underline{\text{Z}}$ 51'13	-0°26'26				
minimum elong	-4325 Mar 12 j 17:47	17° $\underline{\text{Z}}$ 57'39	0°26'20	superior conj	-4324 Feb 25 j 00:33	2° $\underline{\text{Z}}$ 34'12	-0°50'53
asc. node	-4325 Mar 15 j 06:07	23° $\underline{\text{Z}}$ 25'55		minimum elong	-4324 Feb 25 j 02:45	2° $\underline{\text{Z}}$ 45'56	0°50'39
	-4325 Mar 18 j 07:06	0° $\underline{\text{X}}$		asc. node	-4324 Mar 01 j 03:07	13° $\underline{\text{Z}}$ 32'05	
evening rise	-4325 Mar 19 j 16:37	2° $\underline{\text{X}}$ 57'49		evening rise	-4324 Mar 03 j 04:06	17° $\underline{\text{Z}}$ 51'41	
	-4325 Apr 03 j 10:52	0° $\underline{\text{Y}}$			-4324 Mar 09 j 05:20	0° $\underline{\text{X}}$	
evening max el	-4325 Apr 14 j 04:10	13° $\underline{\text{Y}}$ 17'34	24°35'17	evening max el	-4324 Mar 25 j 20:30	24° $\underline{\text{X}}$ 01'04	23°01'46
desc. node	-4325 Apr 26 j 23:27	20° $\underline{\text{Y}}$ 17'30			-4324 Apr 04 j 06:48	0° $\underline{\text{Y}}$	
retrograde	-4325 Apr 28 j 03:06	20° $\underline{\text{Y}}$ 20'35		retrograde	-4324 Apr 08 j 04:23	0° $\underline{\text{Y}}$ 34'30	
evening set	-4325 May 02 j 18:57	19° $\underline{\text{Y}}$ 31'21		evening set	-4324 Apr 11 j 13:22	0° $\underline{\text{Y}}$ 09'35	
min. Earth dist.	-4325 May 08 j 16:12	16° $\underline{\text{Y}}$ 31'45	0.56975 AU		-4324 Apr 12 j 04:01	30° $\underline{\text{R}}$ $\underline{\text{X}}$	
inferior conj	-4325 May 11 j 11:16	14° $\underline{\text{Y}}$ 43'17	-3°27'44	desc. node	-4324 Apr 12 j 20:36	29° $\underline{\text{X}}$ 47'25	
minimum elong	-4325 May 11 j 05:53	14° $\underline{\text{Y}}$ 52'02	3°26'35	min. Earth dist.	-4324 Apr 19 j 06:58	26° $\underline{\text{X}}$ 42'55	0.55662 AU
morning rise	-4325 May 19 j 20:01	10° $\underline{\text{Y}}$ 36'02		inferior conj	-4324 Apr 20 j 19:38	25° $\underline{\text{X}}$ 49'30	-2°06'46
direct	-4325 May 22 j 07:05	10° $\underline{\text{Y}}$ 19'09		minimum elong	-4324 Apr 20 j 14:29	25° $\underline{\text{X}}$ 57'02	2°05'14
morning max el	-4325 May 31 j 13:21	14° $\underline{\text{Y}}$ 37'34	19°23'42	morning rise	-4324 Apr 29 j 17:57	21° $\underline{\text{X}}$ 51'43	
asc. node	-4325 Jun 11 j 05:51	29° $\underline{\text{Y}}$ 34'09		direct	-4324 May 02 j 06:06	21° $\underline{\text{X}}$ 36'38	
	-4325 Jun 11 j 11:37	0° $\underline{\text{B}}$		morning max el	-4324 May 13 j 03:39	26° $\underline{\text{X}}$ 41'39	20°32'52
morning set	-4325 Jun 17 j 17:58	11° $\underline{\text{B}}$ 59'41			-4324 May 16 j 06:36	0° $\underline{\text{Y}}$	
				asc. node	-4324 May 28 j 02:50	18° $\underline{\text{Y}}$ 54'53	
superior conj	-4325 Jun 25 j 23:01	28° $\underline{\text{B}}$ 20'31	1°45'49	morning set	-4324 May 31 j 23:15	26° $\underline{\text{Y}}$ 35'26	
minimum elong	-4325 Jun 25 j 21:27	28° $\underline{\text{B}}$ 12'54	1°45'55		-4324 Jun 02 j 15:09	0° $\underline{\text{B}}$	
	-4325 Jun 26 j 19:27	0° $\underline{\text{H}}$					
max. Earth dist.	-4325 Jul 02 j 01:20	9° $\underline{\text{H}}$ 56'13	1.37801 AU	superior conj	-4324 Jun 08 j 15:26	12° $\underline{\text{B}}$ 22'01	1°35'06
evening rise	-4325 Jul 05 j 21:59	16° $\underline{\text{H}}$ 54'56		minimum elong	-4324 Jun 08 j 12:56	12° $\underline{\text{B}}$ 09'16	1°34'59
	-4325 Jul 13 j 14:52	0° $\underline{\text{C}}$		max. Earth dist.	-4324 Jun 13 j 07:47	21° $\underline{\text{B}}$ 41'40	1.36073 AU
desc. node	-4325 Jul 23 j 22:16	15° $\underline{\text{C}}$ 53'09		evening rise	-4324 Jun 17 j 11:50	29° $\underline{\text{B}}$ 37'34	
	-4325 Aug 03 j 08:23	0° $\underline{\text{D}}$			-4324 Jun 17 j 16:40	0° $\underline{\text{H}}$	
evening max el	-4325 Aug 10 j 18:26	8° $\underline{\text{D}}$ 21'17	25°05'14		-4324 Jul 05 j 19:03	0° $\underline{\text{C}}$	
retrograde	-4325 Aug 22 j 12:57	15° $\underline{\text{D}}$ 12'24		desc. node	-4324 Jul 09 j 19:19	5° $\underline{\text{C}}$ 43'34	
evening set	-4325 Aug 28 j 08:22	12° $\underline{\text{D}}$ 42'59		evening max el	-4324 Jul 23 j 05:17	21° $\underline{\text{C}}$ 52'21	26°12'47
min. Earth dist.	-4325 Sep 01 j 19:58	7° $\underline{\text{D}}$ 36'58	0.66993 AU	retrograde	-4324 Aug 04 j 20:15	29° $\underline{\text{C}}$ 03'55	
inferior conj	-4325 Sep 02 j 17:38	6° $\underline{\text{D}}$ 25'36	-1°29'20	evening set	-4324 Aug 11 j 05:51	26° $\underline{\text{C}}$ 21'09	
minimum elong	-4325 Sep 02 j 19:41	6° $\underline{\text{D}}$ 18'50	1°28'21	min. Earth dist.	-4324 Aug 15 j 09:16	21° $\underline{\text{C}}$ 53'01	0.66300 AU
asc. node	-4325 Sep 07 j 05:05	1° $\underline{\text{D}}$ 14'25		inferior conj	-4324 Aug 16 j 18:51	20° $\underline{\text{C}}$ 08'21	-2°19'29
morning rise	-4325 Sep 08 j 07:04	0° $\underline{\text{D}}$ 23'38		minimum elong	-4324 Aug 16 j 21:55	19° $\underline{\text{C}}$ 58'48	2°18'13
	-4325 Sep 08 j 22:13	30° $\underline{\text{R}}$ $\underline{\text{C}}$		morning rise	-4324 Aug 22 j 14:10	14° $\underline{\text{C}}$ 17'08	
direct	-4325 Sep 11 j 19:52	29° $\underline{\text{C}}$ 11'17		asc. node	-4324 Aug 24 j 02:10	13° $\underline{\text{C}}$ 35'35	
	-4325 Sep 14 j 21:01	0° $\underline{\text{D}}$		direct	-4324 Aug 25 j 18:02	13° $\underline{\text{C}}$ 19'46	
morning max el	-4325 Sep 19 j 08:27	3° $\underline{\text{D}}$ 32'23	19°51'45	morning max el	-4324 Sep 01 j 15:56	17° $\underline{\text{C}}$ 13'43	18°57'48
	-4325 Oct 08 j 08:46	0° $\underline{\text{H}}$			-4324 Sep 11 j 06:15	0° $\underline{\text{D}}$	
morning set	-4325 Oct 14 j 23:39	10° $\underline{\text{H}}$ 12'36		morning set	-4324 Sep 23 j 13:13	19° $\underline{\text{D}}$ 15'50	
desc. node	-4325 Oct 19 j 21:58	17° $\underline{\text{H}}$ 53'18			-4324 Sep 30 j 08:15	0° $\underline{\text{H}}$	
max. Earth dist.	-4325 Oct 27 j 02:12	29° $\underline{\text{H}}$ 12'29	1.44057 AU	desc. node	-4324 Oct 05 j 18:54	8° $\underline{\text{H}}$ 34'38	
	-4325 Oct 27 j 14:08	0° $\underline{\text{L}}$		max. Earth dist.	-4324 Oct 08 j 18:36	13° $\underline{\text{H}}$ 17'09	1.44751 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4324 Oct 09 j 20:14	14° \mathbb{M} 58'14	-0°25'29		-4323 Sep 04 j 10:56	0° \mathcal{Q}	
minimum elong	-4324 Oct 09 j 16:56	14° \mathbb{M} 45'15	0°24'59				
	-4324 Oct 19 j 07:20	0° \mathcal{L}		superior conj	-4323 Sep 18 j 20:42	23° \mathcal{Q} 18'19	0°23'54
evening rise	-4324 Oct 25 j 08:39	9° \mathcal{L} 45'08		minimum elong	-4323 Sep 18 j 23:41	23° \mathcal{Q} 30'08	0°23'38
	-4324 Nov 06 j 23:58	0° \mathbb{M}		max. Earth dist.	-4323 Sep 21 j 12:55	27° \mathcal{Q} 32'34	1.44716 AU
evening max el	-4324 Nov 15 j 01:43	10° \mathbb{M} 44'46	18°45'49	desc. node	-4323 Sep 22 j 15:49	29° \mathcal{Q} 18'46	
asc. node	-4324 Nov 20 j 00:58	14° \mathbb{M} 15'17			-4323 Sep 23 j 02:17	0° \mathbb{M}	
retrograde	-4324 Nov 21 j 19:52	14° \mathbb{M} 32'58		evening rise	-4323 Oct 05 j 10:32	19° \mathbb{M} 20'45	
evening set	-4324 Nov 24 j 21:43	13° \mathbb{M} 39'16			-4323 Oct 12 j 06:28	0° \mathcal{L}	
inferior conj	-4324 Nov 30 j 17:57	7° \mathbb{M} 57'34	3°07'57	greatest brilliancy	-4323 Oct 16 j 13:48	6° \mathcal{L} 38'39	-0.7m
minimum elong	-4324 Nov 30 j 14:45	8° \mathbb{M} 07'15	3°06'59	evening max el	-4323 Oct 29 j 10:11	24° \mathcal{L} 11'33	19°30'31
min. Earth dist.	-4324 Dec 02 j 11:34	5° \mathbb{M} 51'50	0.65033 AU	retrograde	-4323 Nov 05 j 16:03	28° \mathcal{L} 23'08	
morning rise	-4324 Dec 06 j 07:25	1° \mathbb{M} 50'57		asc. node	-4323 Nov 06 j 22:05	28° \mathcal{L} 14'04	
	-4324 Dec 09 j 00:04	30° \mathcal{R} \mathcal{L}		evening set	-4323 Nov 09 j 01:13	27° \mathcal{L} 16'22	
direct	-4324 Dec 13 j 00:05	29° \mathcal{L} 00'13		inferior conj	-4323 Nov 14 j 15:42	21° \mathcal{L} 20'29	2°26'10
	-4324 Dec 17 j 07:42	0° \mathbb{M}		minimum elong	-4323 Nov 14 j 12:48	21° \mathcal{L} 29'52	2°25'07
morning max el	-4324 Dec 26 j 03:28	6° \mathbb{M} 36'10	26°57'40	min. Earth dist.	-4323 Nov 15 j 19:45	19° \mathcal{L} 49'48	0.66120 AU
desc. node	-4323 Jan 01 j 18:46	14° \mathbb{M} 03'30		morning rise	-4323 Nov 20 j 00:09	15° \mathcal{L} 08'23	
	-4323 Jan 13 j 06:37	0° \mathcal{R}		direct	-4323 Nov 26 j 04:01	12° \mathcal{L} 27'02	
morning set	-4323 Jan 30 j 20:02	0° \mathcal{Z} 13'30		morning max el	-4323 Dec 08 j 12:49	19° \mathcal{L} 43'52	25°54'36
	-4323 Jan 30 j 17:14	0° \mathcal{Z}			-4323 Dec 17 j 08:52	0° \mathbb{M}	
max. Earth dist.	-4323 Feb 04 j 08:30	9° \mathcal{Z} 08'57	1.34364 AU	desc. node	-4323 Dec 19 j 15:45	3° \mathbb{M} 01'18	
					-4322 Jan 06 j 08:41	0° \mathcal{R}	
superior conj	-4323 Feb 08 j 03:43	16° \mathcal{Z} 58'16	-1°13'39	morning set	-4322 Jan 13 j 18:24	13° \mathcal{R} 04'58	
minimum elong	-4323 Feb 08 j 06:37	17° \mathcal{Z} 13'27	1°13'24	max. Earth dist.	-4322 Jan 17 j 16:32	20° \mathcal{R} 28'15	1.35822 AU
	-4323 Feb 14 j 08:14	0° \approx					
evening rise	-4323 Feb 15 j 14:03	2° \approx 35'42		superior conj	-4322 Jan 22 j 23:31	0° \mathcal{Z} 54'57	-1°33'14
asc. node	-4323 Feb 16 j 00:06	3° \approx 27'49		minimum elong	-4322 Jan 23 j 02:35	1° \mathcal{Z} 10'26	1°33'06
	-4323 Mar 03 j 07:41	0° \mathcal{H}			-4322 Jan 23 j 12:37	0° \mathcal{Z}	
evening max el	-4323 Mar 07 j 18:07	4° \mathcal{H} 56'21	21°30'46	evening rise	-4322 Jan 30 j 20:34	17° \mathcal{Z} 03'07	
retrograde	-4323 Mar 19 j 19:19	10° \mathcal{H} 43'24		asc. node	-4322 Feb 02 j 21:07	23° \mathcal{Z} 07'33	
evening set	-4323 Mar 22 j 08:55	10° \mathcal{H} 28'30			-4322 Feb 06 j 12:00	0° \approx	
desc. node	-4323 Mar 30 j 17:43	6° \mathcal{H} 59'12		evening max el	-4322 Feb 18 j 01:05	16° \approx 20'47	20°12'16
inferior conj	-4323 Mar 31 j 16:10	6° \mathcal{H} 27'42	-0°15'32	retrograde	-4322 Feb 28 j 10:29	21° \approx 16'36	
minimum elong	-4323 Mar 31 j 15:26	6° \mathcal{H} 28'43	0°15'22	evening set	-4322 Mar 02 j 18:16	21° \approx 02'52	
transit middle	-4323 Mar 31 j 15:26	6° \mathcal{H} 28'43	0°15'22	inferior conj	-4322 Mar 11 j 14:07	17° \approx 03'34	1°37'15
transit begin	-4323 Mar 31 j 14:28	6° \mathcal{H} 30'06		minimum elong	-4322 Mar 11 j 18:05	16° \approx 57'37	1°35'51
transit end	-4323 Mar 31 j 16:25	6° \mathcal{H} 27'21		min. Earth dist.	-4322 Mar 13 j 11:03	15° \approx 56'28	0.55619 AU
min. Earth dist.	-4323 Mar 31 j 21:05	6° \mathcal{H} 20'47	0.55175 AU	desc. node	-4322 Mar 17 j 14:51	13° \approx 43'52	
morning rise	-4323 Apr 09 j 22:09	2° \mathcal{H} 24'08		morning rise	-4322 Mar 20 j 16:04	12° \approx 37'28	
direct	-4323 Apr 12 j 19:08	2° \mathcal{H} 05'56		direct	-4322 Mar 24 j 09:57	12° \approx 06'46	
morning max el	-4323 Apr 25 j 06:58	8° \mathcal{H} 03'57	21°59'38	morning max el	-4322 Apr 07 j 01:23	18° \approx 51'14	23°37'30
	-4323 May 10 j 14:23	0° \mathcal{Y}			-4322 Apr 16 j 05:56	0° \mathcal{H}	
asc. node	-4323 May 14 j 23:49	8° \mathcal{Y} 37'43		morning set	-4322 Apr 30 j 20:28	26° \mathcal{H} 27'29	
morning set	-4323 May 16 j 08:45	11° \mathcal{Y} 27'10		asc. node	-4322 May 01 j 20:47	28° \mathcal{H} 35'28	
					-4322 May 02 j 12:44	0° \mathcal{Y}	
superior conj	-4323 May 23 j 16:21	26° \mathcal{Y} 51'21	1°19'05	superior conj	-4322 May 07 j 22:53	11° \mathcal{Y} 38'37	0°59'19
minimum elong	-4323 May 23 j 13:39	26° \mathcal{Y} 37'14	1°18'48	minimum elong	-4322 May 07 j 20:34	11° \mathcal{Y} 26'10	0°58'57
	-4323 May 25 j 04:31	0° \mathcal{B}		max. Earth dist.	-4322 May 10 j 01:39	16° \mathcal{Y} 09'17	1.33637 AU
max. Earth dist.	-4323 May 26 j 23:53	3° \mathcal{B} 43'20	1.34675 AU	evening rise	-4322 May 15 j 11:48	27° \mathcal{Y} 20'42	
evening rise	-4323 May 31 j 18:00	13° \mathcal{B} 11'11			-4322 May 16 j 19:57	0° \mathcal{B}	
	-4323 Jun 09 j 23:50	0° \mathbb{I}			-4322 Jun 03 j 06:22	0° \mathbb{I}	
desc. node	-4323 Jun 26 j 16:23	25° \mathbb{I} 02'20		desc. node	-4322 Jun 13 j 13:28	13° \mathbb{I} 35'45	
	-4323 Jun 30 j 17:34	0° \mathcal{E}		evening max el	-4322 Jun 18 j 03:26	18° \mathbb{I} 26'52	27°24'19
evening max el	-4323 Jul 05 j 16:48	5° \mathcal{E} 18'20	27°01'29	retrograde	-4322 Jul 01 j 18:30	25° \mathbb{I} 51'11	
retrograde	-4323 Jul 18 j 22:12	12° \mathcal{E} 39'37		evening set	-4322 Jul 08 j 21:54	23° \mathbb{I} 09'29	
evening set	-4323 Jul 25 j 19:23	9° \mathcal{E} 51'35		min. Earth dist.	-4322 Jul 12 j 12:50	19° \mathbb{I} 54'02	0.63799 AU
min. Earth dist.	-4323 Jul 29 j 15:33	6° \mathcal{E} 01'39	0.65245 AU	inferior conj	-4322 Jul 15 j 01:52	17° \mathbb{I} 14'40	-3°42'58
inferior conj	-4323 Jul 31 j 14:26	3° \mathcal{E} 46'27	-3°05'00	minimum elong	-4322 Jul 15 j 05:23	17° \mathbb{I} 05'26	3°42'05
minimum elong	-4323 Jul 31 j 18:06	3° \mathcal{E} 35'52	3°03'45	morning rise	-4322 Jul 21 j 13:40	11° \mathbb{I} 54'52	
	-4323 Aug 04 j 03:48	30° \mathcal{R} \mathbb{I}		direct	-4322 Jul 24 j 06:23	11° \mathbb{I} 18'34	
morning rise	-4323 Aug 06 j 17:13	28° \mathbb{I} 09'17		asc. node	-4322 Jul 28 j 20:20	13° \mathbb{I} 02'37	
direct	-4323 Aug 09 j 14:27	27° \mathbb{I} 23'48		morning max el	-4322 Jul 30 j 18:52	14° \mathbb{I} 43'50	17°59'58
asc. node	-4323 Aug 10 j 23:15	27° \mathbb{I} 33'57			-4322 Aug 10 j 10:46	0° \mathcal{E}	
	-4323 Aug 15 j 03:22	0° \mathcal{E}		morning set	-4322 Aug 16 j 23:28	11° \mathcal{E} 12'23	
morning max el	-4323 Aug 16 j 04:12	0° \mathcal{E} 59'01	18°20'09		-4322 Aug 28 j 01:36	0° \mathcal{Q}	
morning set	-4323 Sep 04 j 05:20	29° \mathcal{E} 36'57					

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4322 Aug 29 j 14:33	2°Ω32'09	1°05'43	morning set	-4321 Jul 30 j 14:29	23°Π47'34	
minimum elong	-4322 Aug 29 j 20:25	2°Ω56'10	1°05'15		-4321 Aug 03 j 00:59	0°Ϣ	
max. Earth dist.	-4322 Sep 04 j 05:29	11°Ω38'36	1.43966 AU				
desc. node	-4322 Sep 09 j 12:46	20°Ω02'48		superior conj	-4321 Aug 10 j 11:45	13°Ϣ07'21	1°33'25
evening rise	-4322 Sep 14 j 17:43	28°Ω09'14		minimum elong	-4321 Aug 10 j 16:18	13°Ϣ26'58	1°33'16
	-4322 Sep 15 j 22:26	0°Π		max. Earth dist.	-4321 Aug 17 j 17:09	25°Ϣ15'54	1.42612 AU
	-4322 Oct 06 j 05:49	0°Δ			-4321 Aug 20 j 15:02	0°Ω	
evening max el	-4322 Oct 12 j 13:23	7°Δ38'07	20°30'01	evening rise	-4321 Aug 24 j 23:27	6°Ω55'34	
retrograde	-4322 Oct 20 j 13:20	12°Δ20'58		desc. node	-4321 Aug 27 j 09:44	10°Ω43'15	
evening set	-4322 Oct 24 j 07:58	10°Δ58'38			-4321 Sep 09 j 05:39	0°Π	
asc. node	-4322 Oct 24 j 19:13	10°Δ36'52		evening max el	-4321 Sep 25 j 10:19	21°Π03'12	21°41'30
inferior conj	-4322 Oct 29 j 18:25	4°Δ51'53	1°38'32	retrograde	-4321 Oct 04 j 09:41	26°Π23'00	
minimum elong	-4322 Oct 29 j 16:17	4°Δ59'06	1°37'42	evening set	-4321 Oct 08 j 15:58	24°Π42'47	
min. Earth dist.	-4322 Oct 30 j 10:31	3°Δ57'31	0.66860 AU	asc. node	-4321 Oct 11 j 16:23	21°Π34'22	
	-4322 Nov 02 j 14:43	30°κΠ		inferior conj	-4321 Oct 14 j 00:01	18°Π28'44	0°47'14
morning rise	-4322 Nov 04 j 00:25	28°Π36'43		minimum elong	-4321 Oct 13 j 22:56	18°Π32'27	0°46'50
direct	-4322 Nov 09 j 13:19	26°Π12'25		min. Earth dist.	-4321 Oct 14 j 05:22	18°Π10'14	0.67285 AU
	-4322 Nov 17 j 16:27	0°Δ		morning rise	-4321 Oct 19 j 05:45	12°Π13'15	
morning max el	-4322 Nov 20 j 21:39	2°Δ57'56	24°35'08	direct	-4321 Oct 24 j 03:28	10°Π09'37	
desc. node	-4322 Dec 06 j 12:43	22°Δ35'29		morning max el	-4321 Nov 03 j 07:30	16°Π14'04	23°08'55
	-4322 Dec 11 j 13:47	0°Π			-4321 Nov 14 j 14:15	0°Δ	
morning set	-4322 Dec 26 j 20:59	24°Π53'25		desc. node	-4321 Nov 23 j 09:40	12°Δ34'52	
	-4322 Dec 29 j 17:57	0°♁			-4321 Dec 04 j 14:59	0°Π	
max. Earth dist.	-4322 Dec 30 j 15:19	1°♁36'44	1.37667 AU	morning set	-4321 Dec 07 j 21:39	5°Π22'43	
				max. Earth dist.	-4321 Dec 12 j 11:05	13°Π06'24	1.39721 AU
superior conj	-4321 Jan 06 j 08:44	14°♁15'13	-1°47'36				
minimum elong	-4321 Jan 06 j 11:02	14°♁26'24	1°47'39	superior conj	-4321 Dec 20 j 02:56	26°Π46'54	-1°54'03
	-4321 Jan 14 j 07:51	0°Ϣ		minimum elong	-4321 Dec 20 j 03:11	26°Π48'03	1°54'12
evening rise	-4321 Jan 14 j 21:30	1°Ϣ07'50			-4321 Dec 21 j 20:36	0°♁	
asc. node	-4321 Jan 20 j 18:10	12°Ϣ25'21		evening rise	-4321 Dec 29 j 14:03	14°♁42'16	
evening max el	-4321 Jan 31 j 18:31	28°Ϣ21'06	19°11'47		-4320 Jan 06 j 21:35	0°Ϣ	
	-4321 Feb 02 j 16:57	0°≈		asc. node	-4320 Jan 07 j 15:14	1°Ϣ13'26	
retrograde	-4321 Feb 09 j 14:11	2°≈33'40		evening max el	-4320 Jan 14 j 20:56	10°Ϣ53'25	18°31'16
evening set	-4321 Feb 11 j 23:20	2°≈16'35		retrograde	-4320 Jan 22 j 11:59	14°Ϣ37'04	
	-4321 Feb 17 j 03:46	30°κϢ		evening set	-4320 Jan 25 j 00:12	14°Ϣ14'14	
inferior conj	-4321 Feb 20 j 02:24	28°Ϣ04'57	3°02'26	inferior conj	-4320 Feb 01 j 10:47	9°Ϣ43'20	3°49'45
minimum elong	-4321 Feb 20 j 07:19	27°Ϣ56'32	3°01'07	minimum elong	-4320 Feb 01 j 13:31	9°Ϣ37'54	3°49'14
min. Earth dist.	-4321 Feb 23 j 02:03	26°Ϣ03'32	0.56887 AU	min. Earth dist.	-4320 Feb 04 j 19:56	7°Ϣ03'42	0.58694 AU
morning rise	-4321 Feb 28 j 12:40	23°Ϣ08'29		morning rise	-4320 Feb 09 j 00:34	4°Ϣ21'18	
desc. node	-4321 Mar 04 j 11:59	22°Ϣ13'18		direct	-4320 Feb 15 j 03:35	2°Ϣ45'29	
direct	-4321 Mar 05 j 12:02	22°Ϣ10'55		desc. node	-4320 Feb 19 j 09:05	3°Ϣ29'51	
morning max el	-4321 Mar 19 j 16:22	29°Ϣ26'42	25°14'14	morning max el	-4320 Feb 29 j 09:45	10°Ϣ17'48	26°34'46
	-4321 Mar 20 j 06:00	0°≈			-4320 Mar 15 j 13:10	0°≈	
	-4321 Apr 09 j 15:26	0°♁		morning set	-4320 Mar 29 j 19:45	26°≈29'17	
morning set	-4321 Apr 15 j 08:42	11°♁30'13			-4320 Mar 31 j 11:40	0°♁	
asc. node	-4321 Apr 18 j 17:46	18°♁43'00		asc. node	-4320 Apr 04 j 14:45	8°♁55'59	
superior conj	-4321 Apr 22 j 08:52	26°♁36'28	0°36'57	superior conj	-4320 Apr 05 j 20:29	11°♁38'38	0°12'54
minimum elong	-4321 Apr 22 j 07:19	26°♁27'58	0°36'36	minimum elong	-4320 Apr 05 j 19:55	11°♁35'32	0°12'41
max. Earth dist.	-4321 Apr 23 j 10:38	28°♁56'20	1.32955 AU	behind sun begin	-4320 Apr 05 j 16:56	11°♁19'13	
	-4321 Apr 23 j 22:23	0°Υ		behind sun end	-4320 Apr 05 j 22:54	11°♁51'51	
evening rise	-4321 Apr 29 j 13:41	11°Υ54'56		max. Earth dist.	-4320 Apr 05 j 23:29	11°♁55'01	1.32617 AU
	-4321 May 09 j 00:59	0°Ϣ		evening rise	-4320 Apr 12 j 20:56	26°♁44'54	
	-4321 May 30 j 08:23	0°Π			-4320 Apr 14 j 10:46	0°Υ	
desc. node	-4321 May 31 j 10:35	1°Π04'26			-4320 May 01 j 16:10	0°Ϣ	
evening max el	-4321 May 31 j 10:58	1°Π05'20	27°16'06	evening max el	-4320 May 12 j 13:18	13°Ϣ05'01	26°35'11
retrograde	-4321 Jun 14 j 08:33	8°Π29'02		desc. node	-4320 May 17 j 07:43	17°Ϣ01'44	
evening set	-4321 Jun 21 j 09:34	6°Π07'50		retrograde	-4320 May 26 j 15:02	20°Ϣ25'09	
min. Earth dist.	-4321 Jun 25 j 00:15	3°Π16'58	0.62001 AU	evening set	-4320 Jun 02 j 02:19	18°Ϣ37'32	
inferior conj	-4321 Jun 28 j 02:02	0°Π25'55	-4°09'04	min. Earth dist.	-4320 Jun 06 j 02:38	15°Ϣ55'41	0.59984 AU
minimum elong	-4321 Jun 28 j 04:17	0°Π20'39	4°08'40	inferior conj	-4320 Jun 09 j 11:27	13°Ϣ12'09	-4°16'35
	-4321 Jun 28 j 13:12	30°κϢ		minimum elong	-4320 Jun 09 j 11:04	13°Ϣ12'57	4°16'26
morning rise	-4321 Jul 05 j 00:25	25°Ϣ26'05		morning rise	-4320 Jun 16 j 22:00	8°Ϣ33'40	
direct	-4321 Jul 07 j 14:21	24°Ϣ56'55		direct	-4320 Jun 19 j 10:26	8°Ϣ10'05	
morning max el	-4321 Jul 14 j 09:14	28°Ϣ21'42	17°58'07	morning max el	-4320 Jun 26 j 20:24	11°Ϣ45'17	18°15'29
asc. node	-4321 Jul 15 j 17:25	29°Ϣ46'39		asc. node	-4320 Jul 01 j 14:27	17°Ϣ30'42	
	-4321 Jul 15 j 22:05	0°Π			-4320 Jul 09 j 01:11	0°Π	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning set	-4320 Jul 12 j 21:08	7° Π 09'40		minimum elong	-4319 May 21 j 22:40	25° Υ 29'45	3°55'31
				morning rise	-4319 May 30 j 02:49	21° Υ 05'11	
superior conj	-4320 Jul 22 j 10:44	25° Π 00'03	1°46'55	direct	-4319 Jun 01 j 14:25	20° Υ 46'04	
minimum elong	-4320 Jul 22 j 12:32	25° Π 08'12	1°47'03	morning max el	-4319 Jun 10 j 01:24	24° Υ 44'33	18°52'54
	-4320 Jul 25 j 05:38	0° \mathfrak{C}			-4319 Jun 14 j 13:37	0° \mathfrak{C}	
max. Earth dist.	-4320 Jul 29 j 22:57	8° \mathfrak{C} 12'34	1.40845 AU	asc. node	-4319 Jun 18 j 11:28	6° \mathfrak{C} 00'24	
evening rise	-4320 Aug 03 j 22:58	16° \mathfrak{C} 33'33		morning set	-4319 Jun 26 j 15:03	21° \mathfrak{C} 06'47	
	-4320 Aug 12 j 10:38	0° \mathcal{O}			-4319 Jul 01 j 03:46	0° Π	
desc. node	-4320 Aug 13 j 06:44	1° \mathcal{O} 16'54					
	-4320 Sep 02 j 23:49	0° \mathfrak{M}		superior conj	-4319 Jul 05 j 05:54	7° Π 54'04	1°48'51
evening max el	-4320 Sep 07 j 01:39	4° \mathfrak{M} 29'01	23°00'33	minimum elong	-4319 Jul 05 j 05:19	7° Π 51'15	1°49'00
retrograde	-4320 Sep 17 j 03:32	10° \mathfrak{M} 27'25		max. Earth dist.	-4319 Jul 12 j 01:02	20° Π 28'02	1.38902 AU
evening set	-4320 Sep 21 j 23:25	8° \mathfrak{M} 27'43		evening rise	-4319 Jul 16 j 00:28	27° Π 26'39	
inferior conj	-4320 Sep 27 j 06:39	2° \mathfrak{M} 09'53	-0°05'53		-4319 Jul 17 j 12:24	0° \mathfrak{C}	
minimum elong	-4320 Sep 27 j 06:47	2° \mathfrak{M} 09'26	0°05'43	desc. node	-4319 Jul 31 j 03:46	21° \mathfrak{C} 38'36	
transit middle	-4320 Sep 27 j 06:47	2° \mathfrak{M} 09'26	0°05'43		-4319 Aug 05 j 23:04	0° \mathcal{O}	
transit begin	-4320 Sep 27 j 04:15	2° \mathfrak{M} 18'10		evening max el	-4319 Aug 20 j 13:27	17° \mathcal{O} 57'08	24°21'10
transit end	-4320 Sep 27 j 09:19	2° \mathfrak{M} 00'43		retrograde	-4319 Aug 31 j 17:46	24° \mathcal{O} 30'34	
min. Earth dist.	-4320 Sep 27 j 01:50	2° \mathfrak{M} 26'31	0.67417 AU	evening set	-4319 Sep 06 j 04:33	22° \mathcal{O} 11'26	
asc. node	-4320 Sep 27 j 13:32	1° \mathfrak{M} 46'12		min. Earth dist.	-4319 Sep 10 j 21:19	16° \mathcal{O} 44'34	0.67242 AU
	-4320 Sep 28 j 20:58	30° \mathfrak{R} \mathcal{O}		inferior conj	-4319 Sep 11 j 12:35	15° \mathcal{O} 53'10	-0°59'11
morning rise	-4320 Oct 02 j 14:02	25° \mathcal{O} 57'11		minimum elong	-4319 Sep 11 j 13:58	15° \mathcal{O} 48'32	0°58'27
direct	-4320 Oct 06 j 21:36	24° \mathcal{O} 14'46		asc. node	-4319 Sep 14 j 10:39	12° \mathcal{O} 10'07	
morning max el	-4320 Oct 15 j 21:26	29° \mathcal{O} 34'54	21°44'46	morning rise	-4319 Sep 16 j 23:20	9° \mathcal{O} 46'27	
	-4320 Oct 16 j 07:11	0° \mathfrak{M}		direct	-4319 Sep 20 j 18:28	8° \mathcal{O} 23'48	
	-4320 Nov 07 j 09:12	0° \mathfrak{L}		morning max el	-4319 Sep 28 j 18:06	13° \mathcal{O} 03'49	20°29'25
desc. node	-4320 Nov 09 j 06:36	2° \mathfrak{L} 52'22			-4319 Oct 11 j 17:00	0° \mathfrak{M}	
morning set	-4320 Nov 16 j 17:44	14° \mathfrak{L} 29'51		morning set	-4319 Oct 26 j 18:13	22° \mathfrak{M} 46'21	
max. Earth dist.	-4320 Nov 23 j 11:19	25° \mathfrak{L} 25'26	1.41718 AU	desc. node	-4319 Oct 27 j 03:33	23° \mathfrak{M} 22'34	
	-4320 Nov 26 j 04:59	0° \mathfrak{M}			-4319 Oct 31 j 09:10	0° \mathfrak{L}	
				max. Earth dist.	-4319 Nov 05 j 19:35	8° \mathfrak{L} 39'14	1.43364 AU
superior conj	-4320 Dec 01 j 00:46	8° \mathfrak{M} 16'46	-1°49'03				
minimum elong	-4320 Nov 30 j 21:39	8° \mathfrak{M} 03'11	1°49'02	superior conj	-4319 Nov 11 j 20:47	18° \mathfrak{L} 32'11	-1°29'00
evening rise	-4320 Dec 11 j 18:57	27° \mathfrak{M} 39'15		minimum elong	-4319 Nov 11 j 14:25	18° \mathfrak{L} 05'48	1°28'28
	-4320 Dec 13 j 01:36	0° \mathfrak{X}			-4319 Nov 18 j 15:54	0° \mathfrak{M}	
asc. node	-4320 Dec 24 j 12:20	19° \mathfrak{X} 22'26		evening rise	-4319 Nov 24 j 08:07	9° \mathfrak{M} 50'47	
evening max el	-4320 Dec 28 j 05:40	23° \mathfrak{X} 49'42	18°10'48		-4319 Dec 06 j 06:30	0° \mathfrak{X}	
retrograde	-4319 Jan 04 j 03:03	27° \mathfrak{X} 19'34		asc. node	-4319 Dec 11 j 09:26	6° \mathfrak{X} 40'37	
evening set	-4319 Jan 06 j 18:13	26° \mathfrak{X} 49'38		evening max el	-4319 Dec 11 j 17:45	7° \mathfrak{X} 01'59	18°09'48
inferior conj	-4319 Jan 13 j 14:45	21° \mathfrak{X} 56'59	4°04'03	retrograde	-4319 Dec 18 j 07:29	10° \mathfrak{X} 31'01	
minimum elong	-4319 Jan 13 j 14:40	21° \mathfrak{X} 57'11	4°03'51	evening set	-4319 Dec 21 j 01:48	9° \mathfrak{X} 53'02	
min. Earth dist.	-4319 Jan 16 j 19:25	19° \mathfrak{X} 02'36	0.60700 AU	inferior conj	-4319 Dec 27 j 11:02	4° \mathfrak{X} 39'17	3°54'21
morning rise	-4319 Jan 20 j 09:40	16° \mathfrak{X} 17'02		minimum elong	-4319 Dec 27 j 08:55	4° \mathfrak{X} 44'47	3°53'57
direct	-4319 Jan 27 j 06:02	14° \mathfrak{X} 03'53		min. Earth dist.	-4319 Dec 30 j 03:28	1° \mathfrak{X} 52'29	0.62607 AU
desc. node	-4319 Feb 05 j 06:11	17° \mathfrak{X} 25'05			-4318 Jan 01 j 03:04	30° \mathfrak{R} \mathfrak{M}	
morning max el	-4319 Feb 10 j 08:52	21° \mathfrak{X} 43'37	27°26'16	morning rise	-4318 Jan 02 j 15:13	28° \mathfrak{M} 46'25	
	-4319 Feb 17 j 15:42	0° \mathfrak{C}		direct	-4318 Jan 09 j 17:04	26° \mathfrak{M} 07'14	
	-4319 Mar 08 j 11:06	0° \mathfrak{A}			-4318 Jan 19 j 04:26	0° \mathfrak{X}	
morning set	-4319 Mar 14 j 03:43	11° \mathfrak{A} 17'17		desc. node	-4318 Jan 23 j 03:13	3° \mathfrak{X} 24'03	
max. Earth dist.	-4319 Mar 20 j 12:31	24° \mathfrak{A} 51'56	1.32623 AU	morning max el	-4318 Jan 23 j 14:00	3° \mathfrak{X} 50'15	27°42'16
					-4318 Feb 12 j 04:04	0° \mathfrak{C}	
superior conj	-4319 Mar 21 j 08:00	26° \mathfrak{A} 38'13	-0°12'02	morning set	-4318 Feb 26 j 06:30	25° \mathfrak{C} 46'47	
minimum elong	-4319 Mar 21 j 08:33	26° \mathfrak{A} 41'12	0°12'03		-4318 Feb 28 j 07:57	0° \mathfrak{A}	
behind sun begin	-4319 Mar 21 j 05:16	26° \mathfrak{A} 23'17		max. Earth dist.	-4318 Mar 03 j 21:58	7° \mathfrak{A} 33'43	1.32986 AU
behind sun end	-4319 Mar 21 j 11:49	26° \mathfrak{A} 59'06					
asc. node	-4319 Mar 22 j 11:44	29° \mathfrak{A} 09'43		superior conj	-4318 Mar 05 j 17:46	11° \mathfrak{A} 29'22	-0°36'56
	-4319 Mar 22 j 20:56	0° \mathfrak{X}		minimum elong	-4318 Mar 05 j 19:24	11° \mathfrak{A} 38'12	0°36'46
evening rise	-4319 Mar 28 j 07:18	11° \mathfrak{X} 42'06		asc. node	-4318 Mar 09 j 08:43	19° \mathfrak{A} 20'14	
	-4319 Apr 06 j 16:58	0° Υ		evening rise	-4318 Mar 12 j 18:55	26° \mathfrak{A} 39'34	
evening max el	-4319 Apr 24 j 09:32	24° Υ 23'30	25°25'07		-4318 Mar 14 j 09:22	0° \mathfrak{X}	
	-4319 May 02 j 01:52	0° \mathfrak{C}			-4318 Apr 01 j 07:27	0° Υ	
desc. node	-4319 May 04 j 04:53	0° \mathfrak{C} 52'00		evening max el	-4318 Apr 06 j 01:43	5° Υ 12'34	23°55'59
retrograde	-4319 May 08 j 11:25	1° \mathfrak{C} 34'53		retrograde	-4318 Apr 19 j 19:35	12° Υ 04'37	
evening set	-4319 May 13 j 21:24	0° \mathfrak{C} 26'00		desc. node	-4318 Apr 21 j 01:59	12° Υ 00'59	
	-4319 May 14 j 20:40	30° \mathfrak{R} Υ		evening set	-4318 Apr 23 j 21:53	11° Υ 27'29	
min. Earth dist.	-4319 May 18 j 22:00	27° Υ 36'52	0.57990 AU	min. Earth dist.	-4318 Apr 30 j 13:17	8° Υ 18'00	0.56337 AU
inferior conj	-4319 May 22 j 02:31	25° Υ 22'58	-3°56'07	inferior conj	-4318 May 02 j 21:25	6° Υ 51'53	-2°58'10




























































































































































































































Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4318 May 02 j 15:35	7° Υ 00'54	2°56'42	morning rise	-4317 Apr 22 j 02:03	13° H 45'11	
morning rise	-4318 May 11 j 12:15	2° Υ 50'13		direct	-4317 Apr 24 j 16:32	13° H 29'42	
direct	-4318 May 13 j 23:36	2° Υ 34'19		morning max el	-4317 May 06 j 07:11	18° H 56'40	21°08'02
morning max el	-4318 May 23 j 21:35	7° Υ 10'37	19°50'45		-4317 May 15 j 02:15	0° Υ	
asc. node	-4318 Jun 05 j 08:27	25° Υ 05'00		asc. node	-4317 May 23 j 05:26	14° Υ 35'44	
	-4318 Jun 07 j 22:22	0° B		morning set	-4317 May 26 j 00:14	20° Υ 13'34	
morning set	-4318 Jun 10 j 16:56	5° B 30'28			-4317 May 30 j 17:00	0° B	
superior conj	-4318 Jun 18 j 15:51	21° B 34'37	1°42'01	superior conj	-4317 Jun 02 j 12:17	5° B 49'09	1°28'50
minimum elong	-4318 Jun 18 j 13:47	21° B 24'20	1°42'02	minimum elong	-4317 Jun 02 j 09:37	5° B 35'24	1°28'39
	-4318 Jun 22 j 23:23	0° II		max. Earth dist.	-4317 Jun 06 j 14:24	14° B 06'32	1.35427 AU
max. Earth dist.	-4318 Jun 24 j 04:18	2° II 17'25	1.37033 AU	evening rise	-4317 Jun 10 j 23:49	22° B 38'11	
evening rise	-4318 Jun 28 j 02:27	9° II 32'31			-4317 Jun 14 j 23:38	0° II	
	-4318 Jul 10 j 05:25	0° B			-4317 Jul 03 j 22:04	0° B	
desc. node	-4318 Jul 18 j 00:48	11° B 42'26		desc. node	-4317 Jul 04 j 21:50	1° B 20'41	
	-4318 Aug 01 j 13:33	0° Q		evening max el	-4317 Jul 16 j 10:59	14° B 56'30	26°36'16
evening max el	-4318 Aug 03 j 00:03	1° Q 27'23	25°35'46	retrograde	-4317 Jul 29 j 08:47	22° B 13'57	
retrograde	-4318 Aug 15 j 03:38	8° Q 27'59		evening set	-4317 Aug 04 j 23:53	19° B 27'22	
evening set	-4318 Aug 21 j 05:25	5° Q 51'58		min. Earth dist.	-4317 Aug 08 j 23:55	15° B 15'55	0.65892 AU
min. Earth dist.	-4318 Aug 25 j 13:26	1° Q 02'09	0.66744 AU	inferior conj	-4317 Aug 10 j 15:08	13° B 17'25	-2°39'31
	-4318 Aug 26 j 08:44	30° R B		minimum elong	-4317 Aug 10 j 18:31	13° B 07'10	2°38'14
inferior conj	-4318 Aug 26 j 16:02	29° B 36'24	-1°51'01	morning rise	-4317 Aug 16 j 13:27	7° B 32'05	
minimum elong	-4318 Aug 26 j 18:34	29° B 28'17	1°49'53	asc. node	-4317 Aug 19 j 04:50	6° B 41'08	
morning rise	-4318 Sep 01 j 07:48	23° B 38'51		direct	-4317 Aug 19 j 14:10	6° B 40'17	
asc. node	-4318 Sep 01 j 07:45	23° B 38'56		morning max el	-4317 Aug 26 j 07:53	10° B 25'17	18°39'49
direct	-4318 Sep 04 j 16:35	22° B 33'14			-4317 Sep 09 j 03:09	0° Q	
morning max el	-4318 Sep 11 j 22:00	26° B 41'19	19°26'58	morning set	-4317 Sep 15 j 21:13	10° Q 51'06	
	-4318 Sep 14 j 19:53	0° Q			-4317 Sep 27 j 21:30	0° R	
	-4318 Oct 05 j 01:25	0° R		desc. node	-4317 Sep 30 j 21:25	4° R 43'45	
morning set	-4318 Oct 05 j 20:54	1° R 15'59		superior conj	-4317 Oct 01 j 13:55	5° R 48'51	-0°04'23
desc. node	-4318 Oct 14 j 00:29	14° R 00'45		minimum elong	-4317 Oct 01 j 13:21	5° R 46'35	0°04'13
max. Earth dist.	-4318 Oct 19 j 10:08	22° R 31'43	1.44438 AU	behind sun begin	-4317 Oct 01 j 02:15	5° R 02'52	
superior conj	-4318 Oct 22 j 13:37	27° R 31'41	-0°52'25	behind sun end	-4317 Oct 02 j 00:27	6° R 30'19	
minimum elong	-4318 Oct 22 j 07:36	27° R 07'41	0°51'39	max. Earth dist.	-4317 Oct 02 j 03:38	6° R 42'51	1.44817 AU
	-4318 Oct 24 j 02:43	0° A			-4317 Oct 16 j 21:13	0° A	
evening rise	-4318 Nov 06 j 00:47	21° A 06'35		evening rise	-4317 Oct 17 j 17:00	1° A 18'44	
	-4318 Nov 11 j 08:55	0° M			-4317 Nov 05 j 11:03	0° M	
evening max el	-4318 Nov 25 j 06:20	20° M 22'55	18°27'30	evening max el	-4317 Nov 08 j 16:57	3° M 48'28	19°02'49
asc. node	-4318 Nov 28 j 06:33	22° M 53'05		asc. node	-4317 Nov 15 j 03:39	7° M 44'41	
retrograde	-4318 Dec 01 j 20:51	24° M 01'46		retrograde	-4317 Nov 15 j 15:27	7° M 46'03	
evening set	-4318 Dec 04 j 19:24	23° M 14'25		evening set	-4317 Nov 18 j 20:03	6° M 47'14	
inferior conj	-4318 Dec 10 j 19:46	17° M 41'53	3°28'16	inferior conj	-4317 Nov 24 j 13:37	0° M 59'02	2°51'08
minimum elong	-4318 Dec 10 j 16:42	17° M 50'44	3°27'29	minimum elong	-4317 Nov 24 j 10:28	1° M 08'52	2°50'06
min. Earth dist.	-4318 Dec 12 j 21:36	15° M 18'27	0.64243 AU		-4317 Nov 25 j 08:28	30° R A	
morning rise	-4318 Dec 16 j 13:30	11° M 39'20		min. Earth dist.	-4317 Nov 26 j 01:18	29° A 07'40	0.65536 AU
direct	-4318 Dec 23 j 11:19	8° M 48'51		morning rise	-4317 Nov 30 j 00:34	24° A 49'29	
morning max el	-4317 Jan 05 j 22:53	16° M 30'17	27°22'55	direct	-4317 Dec 06 j 12:06	22° A 01'28	
desc. node	-4317 Jan 10 j 00:15	20° M 51'43		morning max el	-4317 Dec 19 j 08:40	29° A 31'38	26°33'24
	-4317 Jan 17 j 05:16	0° J			-4317 Dec 19 j 19:56	0° M	
	-4317 Feb 04 j 21:34	0° B		desc. node	-4317 Dec 27 j 21:17	9° M 22'22	
morning set	-4317 Feb 10 j 01:18	9° B 47'43			-4316 Jan 11 j 02:07	0° J	
max. Earth dist.	-4317 Feb 14 j 23:44	19° B 46'04	1.33741 AU	morning set	-4316 Jan 24 j 08:31	23° J 08'55	
					-4316 Jan 27 j 21:44	0° B	
superior conj	-4317 Feb 17 j 23:56	26° B 04'52	-1°00'50	max. Earth dist.	-4316 Jan 28 j 14:26	1° B 22'28	1.34933 AU
minimum elong	-4317 Feb 18 j 02:28	26° B 18'22	1°00'34	superior conj	-4316 Feb 02 j 00:19	10° B 18'08	-1°22'28
	-4317 Feb 19 j 20:07	0° \approx		minimum elong	-4316 Feb 02 j 03:22	10° B 33'55	1°22'14
asc. node	-4317 Feb 24 j 05:43	9° \approx 22'29		evening rise	-4316 Feb 09 j 14:43	26° B 07'27	
evening rise	-4317 Feb 25 j 05:58	11° \approx 29'58		asc. node	-4316 Feb 11 j 02:44	29° B 11'55	
	-4317 Mar 06 j 20:58	0° H			-4316 Feb 11 j 12:13	0° \approx	
evening max el	-4317 Mar 18 j 19:20	15° H 56'48	22°21'52	evening max el	-4316 Feb 28 j 20:32	27° \approx 02'41	20°55'18
retrograde	-4317 Mar 31 j 15:53	22° H 12'37			-4316 Mar 03 j 13:21	0° H	
evening set	-4317 Apr 03 j 14:53	21° H 53'19		retrograde	-4316 Mar 11 j 05:39	2° H 28'00	
desc. node	-4317 Apr 07 j 23:06	20° H 23'08		evening set	-4316 Mar 13 j 15:04	2° H 14'31	
min. Earth dist.	-4317 Apr 12 j 03:23	18° H 11'07	0.55345 AU		-4316 Mar 19 j 15:47	30° R \approx	
inferior conj	-4317 Apr 12 j 23:18	17° H 42'51	-1°21'52	inferior conj	-4316 Mar 22 j 18:39	28° \approx 16'27	0°34'12
minimum elong	-4317 Apr 12 j 19:39	17° H 48'02	1°20'42				

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4316 Mar 22 j 20:12	28° \approx 14'14	0°33'33	inferior conj	-4315 Mar 02 j 21:38	9° \approx 01'32	2°17'49
min. Earth dist.	-4316 Mar 23 j 17:41	27° \approx 43'30	0.55250 AU	minimum elong	-4315 Mar 03 j 02:32	8° \approx 53'50	2°16'15
desc. node	-4316 Mar 24 j 20:16	27° \approx 05'58		min. Earth dist.	-4315 Mar 05 j 08:13	7° \approx 29'49	0.56074 AU
morning rise	-4316 Apr 01 j 00:30	24° \approx 04'37		morning rise	-4315 Mar 11 j 18:00	4° \approx 22'30	
direct	-4316 Apr 04 j 04:34	23° \approx 42'43		desc. node	-4315 Mar 11 j 17:25	4° \approx 22'58	
	-4316 Apr 17 j 05:15	0° \mathbb{H}		direct	-4315 Mar 16 j 00:14	3° \approx 41'55	
morning max el	-4316 Apr 17 j 06:24	0° \mathbb{H} 02'42	22°40'34	morning max el	-4315 Mar 29 j 22:34	10° \approx 42'09	24°19'31
	-4316 May 06 j 22:34	0° \mathbb{Y}			-4315 Apr 13 j 09:38	0° \mathbb{H}	
morning set	-4316 May 09 j 10:52	5° \mathbb{Y} 09'17		morning set	-4315 Apr 23 j 23:03	20° \mathbb{H} 11'50	
asc. node	-4316 May 09 j 02:24	4° \mathbb{Y} 25'18		asc. node	-4315 Apr 25 j 23:24	24° \mathbb{H} 28'08	
					-4315 Apr 28 j 13:00	0° \mathbb{Y}	
superior conj	-4316 May 16 j 15:53	20° \mathbb{Y} 27'04	1°11'05	superior conj	-4315 May 01 j 00:12	5° \mathbb{Y} 20'16	0°50'06
minimum elong	-4316 May 16 j 13:17	20° \mathbb{Y} 13'19	1°10'45	minimum elong	-4315 Apr 30 j 22:09	5° \mathbb{Y} 09'16	0°49'44
max. Earth dist.	-4316 May 19 j 10:27	26° \mathbb{Y} 16'29	1.34182 AU	max. Earth dist.	-4315 May 02 j 15:44	8° \mathbb{Y} 53'04	1.33308 AU
	-4316 May 21 j 05:51	0° \mathbb{B}		evening rise	-4315 May 08 j 09:09	20° \mathbb{Y} 50'43	
evening rise	-4316 May 24 j 11:26	6° \mathbb{B} 28'28			-4315 May 13 j 01:22	0° \mathbb{B}	
	-4316 Jun 06 j 14:22	0° \mathbb{II}			-4315 May 31 j 15:05	0° \mathbb{II}	
desc. node	-4316 Jun 20 j 18:54	20° \mathbb{II} 22'03		desc. node	-4315 Jun 07 j 16:00	8° \mathbb{II} 31'01	
evening max el	-4316 Jun 27 j 22:14	28° \mathbb{II} 16'00	27°14'50	evening max el	-4315 Jun 10 j 08:05	11° \mathbb{II} 14'12	27°24'53
	-4316 Jun 29 j 19:28	0° \mathbb{E}		retrograde	-4315 Jun 24 j 02:24	18° \mathbb{II} 38'15	
retrograde	-4316 Jul 11 j 08:38	5° \mathbb{E} 40'09		evening set	-4315 Jul 01 j 05:52	16° \mathbb{II} 03'53	
evening set	-4316 Jul 18 j 09:10	2° \mathbb{E} 53'06		min. Earth dist.	-4315 Jul 04 j 20:00	13° \mathbb{II} 00'05	0.63072 AU
	-4316 Jul 21 j 11:09	30° \mathbb{R} \mathbb{II}		inferior conj	-4315 Jul 07 j 14:39	10° \mathbb{II} 14'05	-3°55'53
min. Earth dist.	-4316 Jul 22 j 02:39	29° \mathbb{II} 18'34	0.64665 AU	minimum elong	-4315 Jul 07 j 17:48	10° \mathbb{II} 06'12	3°55'12
inferior conj	-4316 Jul 24 j 07:34	26° \mathbb{II} 51'46	-3°22'18	morning rise	-4315 Jul 14 j 06:44	5° \mathbb{II} 02'08	
minimum elong	-4316 Jul 24 j 11:17	26° \mathbb{II} 41'26	3°21'11	direct	-4315 Jul 16 j 22:04	4° \mathbb{II} 29'04	
morning rise	-4316 Jul 30 j 14:00	21° \mathbb{II} 21'37		asc. node	-4315 Jul 22 j 23:00	7° \mathbb{II} 21'25	
direct	-4316 Aug 02 j 08:56	20° \mathbb{II} 40'29		morning max el	-4315 Jul 23 j 12:19	7° \mathbb{II} 53'08	17°56'48
asc. node	-4316 Aug 05 j 01:55	21° \mathbb{II} 18'56			-4315 Aug 07 j 00:58	0° \mathbb{E}	
morning max el	-4316 Aug 08 j 21:30	24° \mathbb{II} 10'50	18°09'23	morning set	-4315 Aug 09 j 04:33	3° \mathbb{E} 47'08	
	-4316 Aug 13 j 14:28	0° \mathbb{E}					
morning set	-4316 Aug 27 j 00:50	21° \mathbb{E} 44'32		superior conj	-4315 Aug 21 j 00:36	24° \mathbb{E} 11'57	1°19'19
	-4316 Aug 31 j 23:28	0° \mathbb{Q}		minimum elong	-4315 Aug 21 j 06:16	24° \mathbb{E} 35'39	1°18'57
superior conj	-4316 Sep 09 j 19:34	14° \mathbb{Q} 25'23	0°43'08		-4315 Aug 24 j 12:37	0° \mathbb{Q}	
minimum elong	-4316 Sep 10 j 00:23	14° \mathbb{Q} 44'42	0°42'41	max. Earth dist.	-4315 Aug 27 j 11:39	4° \mathbb{Q} 49'07	1.43459 AU
max. Earth dist.	-4316 Sep 13 j 21:00	20° \mathbb{Q} 54'02	1.44472 AU	desc. node	-4315 Sep 03 j 15:16	16° \mathbb{Q} 10'32	
desc. node	-4316 Sep 16 j 18:20	25° \mathbb{Q} 27'57		evening rise	-4315 Sep 05 j 13:18	19° \mathbb{Q} 09'46	
	-4316 Sep 19 j 15:39	0° \mathbb{P}			-4315 Sep 12 j 15:09	0° \mathbb{P}	
evening rise	-4316 Sep 26 j 09:20	10° \mathbb{P} 29'24			-4315 Oct 04 j 08:22	0° \mathbb{Q}	
	-4316 Oct 09 j 02:52	0° \mathbb{Q}		evening max el	-4315 Oct 05 j 00:03	0° \mathbb{Q} 41'02	20°59'19
greatest brilliancy	-4316 Oct 09 j 11:16	0° \mathbb{Q} 31'26	-0.7m	retrograde	-4315 Oct 13 j 09:18	5° \mathbb{Q} 38'36	
evening max el	-4316 Oct 21 j 23:23	17° \mathbb{Q} 15'05	19°54'14	evening set	-4315 Oct 17 j 08:41	4° \mathbb{Q} 08'55	
retrograde	-4316 Oct 29 j 12:21	21° \mathbb{Q} 39'14		asc. node	-4315 Oct 18 j 21:58	2° \mathbb{Q} 45'22	
asc. node	-4316 Nov 01 j 00:48	21° \mathbb{Q} 02'21			-4315 Oct 21 j 05:54	30° \mathbb{R} \mathbb{P}	
evening set	-4316 Nov 02 j 01:12	20° \mathbb{Q} 26'21		inferior conj	-4315 Oct 22 j 17:56	27° \mathbb{P} 58'54	1°17'05
inferior conj	-4316 Nov 07 j 13:47	14° \mathbb{Q} 25'39	2°06'33	minimum elong	-4315 Oct 22 j 16:13	28° \mathbb{P} 04'46	1°16'25
minimum elong	-4316 Nov 07 j 11:09	14° \mathbb{Q} 34'19	2°05'34	min. Earth dist.	-4315 Oct 23 j 05:23	27° \mathbb{P} 19'48	0.67080 AU
min. Earth dist.	-4316 Nov 08 j 12:40	13° \mathbb{Q} 10'04	0.66473 AU	morning rise	-4315 Oct 27 j 23:35	21° \mathbb{P} 43'26	
morning rise	-4316 Nov 12 j 20:52	8° \mathbb{Q} 11'49		direct	-4315 Nov 02 j 06:06	19° \mathbb{P} 27'30	
direct	-4316 Nov 18 j 18:36	5° \mathbb{Q} 36'40		morning max el	-4315 Nov 13 j 02:20	25° \mathbb{P} 55'48	23°58'43
morning max el	-4316 Nov 30 j 17:37	12° \mathbb{Q} 42'08	25°22'10		-4315 Nov 16 j 19:47	0° \mathbb{Q}	
desc. node	-4316 Dec 13 j 18:18	28° \mathbb{Q} 37'07		desc. node	-4315 Nov 30 j 15:15	18° \mathbb{Q} 22'47	
	-4316 Dec 14 j 18:04	0° \mathbb{M}			-4315 Dec 08 j 08:07	0° \mathbb{M}	
	-4315 Jan 02 j 19:32	0° \mathbb{J}		morning set	-4315 Dec 18 j 15:29	16° \mathbb{M} 51'48	
morning set	-4315 Jan 05 j 23:17	5° \mathbb{J} 36'02		max. Earth dist.	-4315 Dec 22 j 14:02	23° \mathbb{M} 44'33	1.38528 AU
max. Earth dist.	-4315 Jan 09 j 17:34	12° \mathbb{J} 31'47	1.36563 AU		-4315 Dec 26 j 01:07	0° \mathbb{J}	
superior conj	-4315 Jan 15 j 16:08	24° \mathbb{J} 01'05	-1°40'07	superior conj	-4315 Dec 29 j 19:36	7° \mathbb{J} 02'23	-1°51'30
minimum elong	-4315 Jan 15 j 19:01	24° \mathbb{J} 15'23	1°40'03	minimum elong	-4315 Dec 29 j 21:13	7° \mathbb{J} 10'02	1°51'38
	-4315 Jan 18 j 15:44	0° \mathbb{Z}		evening rise	-4314 Jan 07 j 16:54	24° \mathbb{J} 18'44	
evening rise	-4315 Jan 23 j 19:10	10° \mathbb{Z} 26'09			-4314 Jan 10 j 15:13	0° \mathbb{Z}	
asc. node	-4315 Jan 27 j 23:47	18° \mathbb{Z} 43'19		asc. node	-4314 Jan 14 j 20:52	7° \mathbb{Z} 49'28	
	-4315 Feb 03 j 10:11	0° \mathbb{Z}		evening max el	-4314 Jan 24 j 05:52	20° \mathbb{Z} 58'46	18°52'07
evening max el	-4315 Feb 10 j 08:15	8° \mathbb{Z} 43'46	19°44'14	retrograde	-4314 Feb 01 j 11:47	24° \mathbb{Z} 56'53	
retrograde	-4315 Feb 20 j 00:40	13° \mathbb{Z} 19'05		evening set	-4314 Feb 03 j 22:24	24° \mathbb{Z} 37'24	
evening set	-4315 Feb 22 j 08:37	13° \mathbb{Z} 04'21		inferior conj	-4314 Feb 11 j 18:12	20° \mathbb{Z} 17'56	3°27'01

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4314 Feb 11 j 22:26	20°  10'15	3°26'03	minimum elong	-4313 Jan 24 j 12:43	2°  08'47	3°59'01
min. Earth dist.	-4314 Feb 14 j 23:52	17°  58'02	0.57614 AU		-4313 Jan 27 j 01:37	30°  R 	
morning rise	-4314 Feb 19 j 19:58	15°  10'07		min. Earth dist.	-4313 Jan 27 j 19:36	29°  R  23'20	0.59539 AU
direct	-4314 Feb 25 j 08:07	13°  57'07		morning rise	-4313 Jan 31 j 16:34	26°  R  41'22	
desc. node	-4314 Feb 26 j 14:34	14°  01'01		direct	-4313 Feb 07 j 04:10	24°  R  49'16	
morning max el	-4314 Mar 11 j 13:46	21°  20'28	25°51'16	desc. node	-4313 Feb 13 j 11:41	26°  R  28'16	
	-4314 Mar 19 j 02:35	0°  ≈			-4313 Feb 18 j 17:18	0°  ≈	
	-4314 Apr 05 j 22:07	0°  X		morning max el	-4313 Feb 21 j 09:33	2°  R  25'04	27°00'49
morning set	-4314 Apr 08 j 11:01	5°  X  13'52			-4313 Mar 13 j 08:52	0°  ≈	
asc. node	-4314 Apr 12 j 20:23	14°  X  38'27		morning set	-4313 Mar 23 j 21:00	20°  ≈  09'05	
					-4313 Mar 28 j 11:51	0°  X	
superior conj	-4314 Apr 15 j 11:06	20°  X  20'37	0°26'55	superior conj	-4313 Mar 30 j 22:51	5°  X  22'01	0°02'24
minimum elong	-4314 Apr 15 j 09:56	20°  X  14'17	0°26'37	minimum elong	-4313 Mar 30 j 22:45	5°  X  21'28	0°02'16
max. Earth dist.	-4314 Apr 16 j 03:02	21°  X  47'35	1.32781 AU	behind sun begin	-4313 Mar 30 j 17:47	4°  X  54'20	
	-4314 Apr 19 j 22:14	0°  Y		behind sun end	-4313 Mar 31 j 03:42	5°  X  48'37	
evening rise	-4314 Apr 22 j 13:39	5°  Y  32'53		max. Earth dist.	-4313 Mar 30 j 16:35	4°  X  47'45	1.32584 AU
	-4314 May 05 j 16:58	0°  B		asc. node	-4313 Mar 30 j 17:21	4°  X  51'57	
evening max el	-4314 May 23 j 13:49	23°  B  37'25	27°02'32	evening rise	-4313 Apr 06 j 22:28	20°  X  26'27	
desc. node	-4314 May 25 j 13:08	25°  B  24'38			-4313 Apr 11 j 15:50	0°  Y	
	-4314 Jun 01 j 17:36	0°  II			-4313 Apr 30 j 15:20	0°  B	
retrograde	-4314 Jun 06 j 13:06	0°  II  58'55		evening max el	-4313 May 05 j 13:20	5°  B  18'01	26°08'15
	-4314 Jun 11 j 04:38	30°  R  B		desc. node	-4313 May 12 j 10:17	10°  B  32'18	
evening set	-4314 Jun 13 j 09:54	28°  B  50'53		retrograde	-4313 May 19 j 15:25	12°  B  35'20	
min. Earth dist.	-4314 Jun 17 j 03:18	26°  B  05'56	0.61169 AU	evening set	-4313 May 25 j 17:30	11°  B  03'52	
inferior conj	-4314 Jun 20 j 09:00	23°  B  15'47	-4°15'02	min. Earth dist.	-4313 May 30 j 02:01	8°  B  21'05	0.59124 AU
minimum elong	-4314 Jun 20 j 10:18	23°  B  12'55	4°14'48	inferior conj	-4313 Jun 02 j 10:56	5°  B  47'22	-4°11'53
morning rise	-4314 Jun 27 j 12:21	18°  B  24'45		minimum elong	-4313 Jun 02 j 09:05	5°  B  50'54	4°11'40
direct	-4314 Jun 30 j 01:41	17°  B  57'56		morning rise	-4313 Jun 10 j 03:12	1°  B  18'16	
morning max el	-4314 Jul 07 j 01:37	21°  B  25'27	18°03'04	direct	-4313 Jun 12 j 15:20	0°  B  56'41	
asc. node	-4314 Jul 09 j 20:03	24°  B  32'26		morning max el	-4313 Jun 20 j 10:31	4°  B  39'35	18°28'56
	-4314 Jul 13 j 15:01	0°  II		asc. node	-4313 Jun 26 j 17:03	12°  B  36'57	
morning set	-4314 Jul 23 j 02:49	16°  II  43'53			-4313 Jul 06 j 10:11	0°  II	
	-4314 Jul 30 j 09:02	0°  B		morning set	-4313 Jul 06 j 14:40	0°  II  21'32	
superior conj	-4314 Aug 02 j 09:20	5°  B  21'28	1°40'46	superior conj	-4313 Jul 15 j 17:38	17°  B  42'11	1°48'59
minimum elong	-4314 Aug 02 j 12:45	5°  B  36'30	1°40'45	minimum elong	-4313 Jul 15 j 18:19	17°  B  45'21	1°49'09
max. Earth dist.	-4314 Aug 09 j 21:25	18°  B  12'17	1.41903 AU		-4313 Jul 22 j 13:37	0°  B	
evening rise	-4314 Aug 16 j 00:47	28°  B  12'54		max. Earth dist.	-4313 Jul 23 j 01:15	0°  B  50'39	1.40021 AU
	-4314 Aug 17 j 03:43	0°  B		evening rise	-4313 Jul 27 j 10:58	8°  B  20'54	
desc. node	-4314 Aug 21 j 12:14	6°  B  48'25		desc. node	-4313 Aug 08 j 09:13	27°  B  17'17	
	-4314 Sep 06 j 08:01	0°  B			-4313 Aug 10 j 04:40	0°  B	
evening max el	-4314 Sep 17 j 18:29	14°  B  06'12	22°14'34	evening max el	-4313 Aug 31 j 07:47	27°  B  31'37	23°35'04
retrograde	-4314 Sep 27 j 04:40	19°  B  42'03			-4313 Sep 02 j 23:50	0°  B	
evening set	-4314 Oct 01 j 16:39	17°  B  53'26		retrograde	-4313 Sep 10 j 21:09	3°  B  46'09	
asc. node	-4314 Oct 05 j 19:06	13°  B  16'56		evening set	-4313 Sep 15 j 23:19	1°  B  37'47	
inferior conj	-4314 Oct 07 j 00:09	11°  B  37'24	0°24'48		-4313 Sep 17 j 15:00	30°  R  B	
minimum elong	-4314 Oct 06 j 23:35	11°  B  39'23	0°24'39	inferior conj	-4313 Sep 21 j 06:40	25°  B  19'08	-0°28'36
min. Earth dist.	-4314 Oct 07 j 01:06	11°  B  34'09	0.67377 AU	minimum elong	-4313 Sep 21 j 07:19	25°  B  16'52	0°28'11
morning rise	-4314 Oct 12 j 06:23	5°  B  23'00		min. Earth dist.	-4313 Sep 20 j 21:22	25°  B  50'56	0.67376 AU
direct	-4314 Oct 16 j 21:56	3°  B  28'37		asc. node	-4313 Sep 22 j 16:13	23°  B  25'53	
morning max el	-4314 Oct 26 j 13:36	9°  B  13'35	22°32'32	morning rise	-4313 Sep 26 j 15:17	19°  B  08'42	
	-4314 Nov 11 j 17:40	0°  B		direct	-4313 Sep 30 j 17:13	17°  B  35'13	
desc. node	-4314 Nov 17 j 12:11	8°  B  30'34		morning max el	-4313 Oct 09 j 06:18	22°  B  37'44	21°11'24
morning set	-4314 Nov 29 j 03:52	26°  B  44'53			-4313 Oct 15 j 11:59	0°  B	
	-4314 Dec 01 j 03:26	0°  B		desc. node	-4313 Nov 04 j 09:06	28°  B  53'34	
max. Earth dist.	-4314 Dec 04 j 11:40	5°  B  35'43	1.40594 AU		-4313 Nov 05 j 02:20	0°  B	
superior conj	-4314 Dec 12 j 05:51	19°  B  09'22	-1°53'33	morning set	-4313 Nov 08 j 13:33	5°  B  23'45	
minimum elong	-4314 Dec 12 j 04:48	19°  B  04'38	1°53'41	max. Earth dist.	-4313 Nov 16 j 15:07	18°  B  18'01	1.42470 AU
	-4314 Dec 18 j 03:29	0°  B  R		superior conj	-4313 Nov 23 j 17:07	0°  B  07'33	-1°42'34
evening rise	-4314 Dec 22 j 04:58	7°  B  R  38'20		minimum elong	-4313 Nov 23 j 12:26	29°  B  47'37	1°42'20
asc. node	-4313 Jan 01 j 17:57	26°  B  R  22'08			-4313 Nov 23 j 15:21	0°  B	
	-4313 Jan 04 j 06:34	0°  B		evening rise	-4313 Dec 05 j 03:40	20°  B  16'28	
evening max el	-4313 Jan 07 j 11:15	3°  B  41'44	18°20'06		-4313 Dec 10 j 14:07	0°  B  R	
retrograde	-4313 Jan 14 j 17:32	7°  B  18'09		asc. node	-4313 Dec 19 j 15:02	14°<	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

retrograde	-4313 Dec 28 j 14:52	20°♄13'03			-4312 Dec 17 j 14:43	30°♁♌	
evening set	-4313 Dec 31 j 07:08	19°♄40'00		inferior conj	-4312 Dec 20 j 00:32	27°♌29'25	3°44'55
inferior conj	-4312 Jan 06 j 22:33	14°♄38'14	4°02'23	minimum elong	-4312 Dec 19 j 21:53	27°♌36'37	3°44'20
minimum elong	-4312 Jan 06 j 21:28	14°♄40'52	4°02'08	min. Earth dist.	-4312 Dec 22 j 11:00	24°♌50'42	0.63343 AU
min. Earth dist.	-4312 Jan 09 j 22:37	11°♄44'24	0.61528 AU	morning rise	-4312 Dec 25 j 23:46	21°♌32'06	
morning rise	-4312 Jan 13 j 10:36	8°♄51'57		direct	-4311 Jan 02 j 01:00	18°♌45'50	
direct	-4312 Jan 20 j 10:31	6°♄25'53		morning max el	-4311 Jan 15 j 18:26	26°♌29'34	27°38'06
desc. node	-4312 Jan 31 j 08:45	11°♄19'49		desc. node	-4311 Jan 17 j 05:47	27°♌59'38	
morning max el	-4312 Feb 03 j 11:34	14°♄08'28	27°37'37		-4311 Jan 19 j 02:01	0°♄	
	-4312 Feb 16 j 07:36	0°♄			-4311 Feb 08 j 20:28	0°♄	
	-4312 Mar 04 j 17:30	0°♄		morning set	-4311 Feb 19 j 02:48	19°♄08'21	
morning set	-4312 Mar 07 j 03:04	4°♄50'11			-4311 Feb 24 j 09:18	0°♄	
max. Earth dist.	-4312 Mar 13 j 04:29	17°♄39'14	1.32724 AU	max. Earth dist.	-4311 Feb 24 j 10:51	0°♄08'13	1.33245 AU
superior conj	-4312 Mar 14 j 09:50	20°♄18'36	-0°22'39	superior conj	-4311 Feb 26 j 18:18	5°♄03'43	-0°47'16
minimum elong	-4312 Mar 14 j 10:51	20°♄24'08	0°22'34	minimum elong	-4311 Feb 26 j 20:21	5°♄14'44	0°47'02
asc. node	-4312 Mar 16 j 14:21	25°♄04'47		asc. node	-4311 Mar 03 j 11:21	15°♄12'08	
	-4312 Mar 18 j 20:47	0°♄		evening rise	-4311 Mar 05 j 21:06	20°♄18'55	
evening rise	-4312 Mar 21 j 09:33	5°♄24'08			-4311 Mar 10 j 15:32	0°♄	
	-4312 Apr 03 j 13:27	0°♄		evening max el	-4311 Mar 28 j 23:22	27°♄05'35	23°15'56
evening max el	-4312 Apr 16 j 07:12	16°♄21'24	24°48'45		-4311 Apr 01 j 09:55	0°♄	
desc. node	-4312 Apr 28 j 07:26	23°♄17'59		retrograde	-4311 Apr 11 j 10:23	3°♄44'17	
retrograde	-4312 Apr 30 j 07:23	23°♄27'17		evening set	-4311 Apr 14 j 23:31	3°♄16'45	
evening set	-4312 May 05 j 04:00	22°♄33'19		desc. node	-4311 Apr 15 j 04:35	3°♄13'27	
min. Earth dist.	-4312 May 10 j 19:26	19°♄36'45	0.57221 AU		-4311 Apr 22 j 06:53	30°♁♋	
inferior conj	-4312 May 13 j 17:30	17°♄41'05	-3°36'31	min. Earth dist.	-4311 Apr 22 j 10:18	29°♄55'01	0.55810 AU
minimum elong	-4312 May 13 j 12:26	17°♄49'30	3°35'32	inferior conj	-4311 Apr 24 j 04:27	28°♄52'57	-2°21'32
morning rise	-4312 May 22 j 00:02	13°♄31'19		minimum elong	-4311 Apr 23 j 22:57	29°♄01'04	2°19'56
direct	-4312 May 24 j 11:10	13°♄13'57		morning rise	-4311 May 03 j 00:54	24°♄54'30	
morning max el	-4312 Jun 02 j 12:13	17°♄26'51	19°15'01	direct	-4311 May 05 j 12:43	24°♄39'18	
	-4312 Jun 11 j 18:55	0°♄		morning max el	-4311 May 16 j 04:02	29°♄36'39	20°21'19
asc. node	-4312 Jun 12 j 14:03	1°♄22'56			-4311 May 16 j 13:53	0°♄	
morning set	-4312 Jun 19 j 12:21	14°♄31'10		asc. node	-4311 May 30 j 11:02	20°♄39'41	
	-4312 Jun 27 j 07:45	0°♄		morning set	-4311 Jun 03 j 16:51	29°♄04'05	
					-4311 Jun 04 j 03:50	0°♄	
superior conj	-4312 Jun 27 j 19:45	0°♄58'23	1°46'51	superior conj	-4311 Jun 11 j 10:38	14°♄54'48	1°37'06
minimum elong	-4312 Jun 27 j 18:25	0°♄51'55	1°46'59	minimum elong	-4311 Jun 11 j 08:13	14°♄42'34	1°37'01
max. Earth dist.	-4312 Jul 04 j 02:37	12°♄50'32	1.38083 AU	max. Earth dist.	-4311 Jun 16 j 08:12	24°♄36'41	1.36316 AU
evening rise	-4312 Jul 07 j 23:29	19°♄46'57			-4311 Jun 19 j 04:11	0°♄	
	-4312 Jul 13 j 23:32	0°♄		evening rise	-4311 Jun 20 j 10:28	2°♄20'42	
desc. node	-4312 Jul 25 j 06:15	17°♄32'23			-4311 Jul 07 j 00:05	0°♄	
	-4312 Aug 03 j 06:40	0°♄		desc. node	-4311 Jul 12 j 03:18	7°♄26'27	
evening max el	-4312 Aug 12 j 18:41	11°♄00'38	24°54'05	evening max el	-4311 Jul 26 j 05:33	24°♄31'53	26°03'42
retrograde	-4312 Aug 24 j 09:45	17°♄47'35			-4311 Aug 02 j 03:53	0°♄	
evening set	-4312 Aug 30 j 02:53	15°♄20'49		retrograde	-4311 Aug 07 j 17:41	1°♄40'37	
min. Earth dist.	-4312 Sep 03 j 15:50	10°♄09'12	0.67069 AU		-4311 Aug 12 j 18:05	30°♁♄	
inferior conj	-4312 Sep 04 j 11:46	9°♄03'03	-1°21'27	evening set	-4311 Aug 14 j 01:19	28°♄59'30	
minimum elong	-4312 Sep 04 j 13:39	8°♄56'48	1°20'32	min. Earth dist.	-4311 Aug 18 j 05:58	24°♄25'37	0.66431 AU
asc. node	-4312 Sep 08 j 13:17	4°♄12'24		inferior conj	-4311 Aug 19 j 13:39	22°♄45'56	-2°12'07
morning rise	-4312 Sep 10 j 00:27	2°♄59'38		minimum elong	-4311 Aug 19 j 16:35	22°♄36'42	2°10'53
direct	-4312 Sep 13 j 14:49	1°♄44'42		morning rise	-4311 Aug 25 j 08:00	16°♄52'53	
morning max el	-4312 Sep 21 j 06:05	6°♄10'31	20°01'00	asc. node	-4311 Aug 26 j 10:22	16°♄19'09	
	-4312 Oct 08 j 15:02	0°♄		direct	-4311 Aug 28 j 13:06	15°♄53'26	
morning set	-4312 Oct 17 j 11:51	13°♄36'42		morning max el	-4311 Sep 04 j 12:40	19°♄50'41	19°04'48
desc. node	-4312 Oct 21 j 06:01	19°♄27'24			-4311 Sep 12 j 09:44	0°♄	
	-4312 Oct 27 j 22:38	0°♄		morning set	-4311 Sep 26 j 22:08	22°♄29'59	
max. Earth dist.	-4312 Oct 29 j 01:40	1°♄47'42	1.43900 AU		-4311 Oct 01 j 16:25	0°♄	
superior conj	-4312 Nov 03 j 01:10	9°♄48'58	-1°15'23	desc. node	-4311 Oct 08 j 02:57	10°♄07'55	
minimum elong	-4312 Nov 02 j 18:18	9°♄21'00	1°14'40	max. Earth dist.	-4311 Oct 11 j 17:51	15°♄50'19	1.44693 AU
	-4312 Nov 15 j 03:27	0°♄					
evening rise	-4312 Nov 16 j 08:38	2°♄04'45		superior conj	-4311 Oct 13 j 08:52	18°♄24'26	-0°32'48
	-4312 Dec 04 j 09:53	0°♄		minimum elong	-4311 Oct 13 j 04:42	18°♄08'00	0°32'14
evening max el	-4312 Dec 04 j 10:15	0°♄00'55	18°15'11		-4311 Oct 20 j 15:44	0°♄	
asc. node	-4312 Dec 05 j 12:07	1°♄02'14		evening rise	-4311 Oct 28 j 15:12	12°♄53'53	
retrograde	-4312 Dec 10 j 23:24	3°♄32'51			-4311 Nov 08 j 04:18	0°♄	
evening set	-4312 Dec 13 j 19:19	2°♄51'10		evening max el	-4311 Nov 17 j 22:23	13°♄24'54	18°40'32

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4311 Nov 22 j 09:13	16° \mathbb{M} 42'25		-4310 Nov 05 j 03:36	0° \mathbb{M}	
retrograde	-4311 Nov 24 j 15:18	17° \mathbb{M} 10'16		retrograde	-4310 Nov 08 j 11:14	0° \mathbb{M} 59'02
evening set	-4311 Nov 27 j 16:17	16° \mathbb{M} 18'13		asc. node	-4310 Nov 09 j 06:21	0° \mathbb{M} 55'22
inferior conj	-4311 Dec 03 j 13:31	10° \mathbb{M} 38'47	3°13'36	evening set	-4310 Nov 11 j 19:10	29° \mathbb{Q} 54'21
minimum elong	-4311 Dec 03 j 10:20	10° \mathbb{M} 48'19	3°12'40		-4310 Nov 11 j 15:35	30° \mathbb{R} \mathbb{Q}
min. Earth dist.	-4311 Dec 05 j 09:12	8° \mathbb{M} 28'21	0.64840 AU	inferior conj	-4310 Nov 17 j 10:22	24° \mathbb{Q} 00'15 2°32'55
morning rise	-4311 Dec 09 j 04:00	4° \mathbb{M} 33'14		minimum elong	-4310 Nov 17 j 07:23	24° \mathbb{Q} 09'49 2°31'53
direct	-4311 Dec 15 j 22:12	1° \mathbb{M} 42'13		min. Earth dist.	-4310 Nov 18 j 16:19	22° \mathbb{Q} 24'15 0.65977 AU
morning max el	-4311 Dec 29 j 03:47	9° \mathbb{M} 19'37	27°05'07	morning rise	-4310 Nov 22 j 19:23	17° \mathbb{Q} 48'44
desc. node	-4310 Jan 04 j 02:49	15° \mathbb{M} 56'51		direct	-4310 Nov 29 j 01:16	15° \mathbb{Q} 05'29
	-4310 Jan 14 j 11:05	0° \mathbb{X}		morning max el	-4310 Dec 11 j 13:23	22° \mathbb{Q} 26'10 26°05'18
	-4310 Feb 01 j 04:54	0° \mathbb{Z}			-4310 Dec 18 j 06:19	0° \mathbb{M}
morning set	-4310 Feb 02 j 17:11	2° \mathbb{Z} 53'54		desc. node	-4310 Dec 21 j 23:49	4° \mathbb{M} 47'56
max. Earth dist.	-4310 Feb 07 j 08:09	12° \mathbb{Z} 05'18	1.34191 AU		-4309 Jan 07 j 17:26	0° \mathbb{X}
				morning set	-4309 Jan 16 j 18:02	15° \mathbb{X} 53'34
superior conj	-4310 Feb 10 j 22:20	19° \mathbb{Z} 31'04	-1°10'23	max. Earth dist.	-4309 Jan 20 j 18:05	23° \mathbb{X} 29'15 1.35580 AU
minimum elong	-4310 Feb 11 j 01:09	19° \mathbb{Z} 45'54	1°10'06		-4309 Jan 24 j 01:21	0° \mathbb{Z}
	-4310 Feb 15 j 21:22	0° \approx				
evening rise	-4310 Feb 18 j 07:26	5° \approx 04'57		superior conj	-4309 Jan 25 j 19:26	3° \mathbb{Z} 32'12 -1°30'33
asc. node	-4310 Feb 18 j 08:23	5° \approx 09'50		minimum elong	-4309 Jan 25 j 22:31	3° \mathbb{Z} 47'55 1°30'24
	-4310 Mar 04 j 03:13	0° \mathbb{X}		evening rise	-4309 Feb 02 j 14:37	19° \mathbb{Z} 35'11
evening max el	-4310 Mar 10 j 19:46	7° \mathbb{X} 56'56	21°43'38	asc. node	-4309 Feb 05 j 05:25	24° \mathbb{Z} 52'16
retrograde	-4310 Mar 23 j 02:13	13° \mathbb{X} 51'37			-4309 Feb 07 j 20:51	0° \approx
evening set	-4310 Mar 25 j 17:53	13° \mathbb{X} 35'51		evening max el	-4309 Feb 21 j 01:09	19° \approx 15'56 20°22'49
desc. node	-4310 Apr 02 j 01:43	10° \mathbb{X} 40'02		retrograde	-4309 Mar 03 j 16:44	24° \approx 19'25
inferior conj	-4310 Apr 04 j 01:53	9° \mathbb{X} 33'06	-0°33'17	evening set	-4309 Mar 06 j 00:39	24° \approx 05'55
minimum elong	-4310 Apr 04 j 00:20	9° \mathbb{X} 35'17	0°32'49	inferior conj	-4309 Mar 14 j 22:42	20° \approx 07'16 1°21'29
min. Earth dist.	-4310 Apr 04 j 00:16	9° \mathbb{X} 35'21	0.55191 AU	minimum elong	-4309 Mar 15 j 02:09	20° \approx 02'10 1°20'12
morning rise	-4310 Apr 13 j 07:23	5° \mathbb{X} 31'44		min. Earth dist.	-4309 Mar 16 j 14:17	19° \approx 08'56 0.55496 AU
direct	-4310 Apr 16 j 02:21	5° \mathbb{X} 14'28		desc. node	-4309 Mar 19 j 22:53	17° \approx 19'20
morning max el	-4310 Apr 28 j 08:53	11° \mathbb{X} 04'17	21°45'53	morning rise	-4309 Mar 24 j 02:05	15° \approx 45'13
	-4310 May 11 j 23:23	0° \mathbb{Y}		direct	-4309 Mar 27 j 15:59	15° \approx 17'18
asc. node	-4310 May 17 j 08:03	10° \mathbb{Y} 19'21		morning max el	-4309 Apr 10 j 04:28	21° \approx 55'50 23°22'44
morning set	-4310 May 19 j 01:52	13° \mathbb{Y} 53'30			-4309 Apr 17 j 04:10	0° \mathbb{X}
				morning set	-4309 May 03 j 13:23	28° \mathbb{X} 52'48
superior conj	-4310 May 26 j 10:29	29° \mathbb{Y} 20'12	1°21'47	asc. node	-4309 May 04 j 05:04	0° \mathbb{Y} 15'07
minimum elong	-4310 May 26 j 07:47	29° \mathbb{Y} 06'04	1°21'31		-4309 May 04 j 02:12	0° \mathbb{Y}
	-4310 May 26 j 18:07	0° \mathbb{B}				
max. Earth dist.	-4310 May 29 j 22:48	6° \mathbb{B} 34'35	1.34859 AU	superior conj	-4309 May 10 j 16:22	14° \mathbb{Y} 05'17 1°02'32
evening rise	-4310 Jun 03 j 14:30	15° \mathbb{B} 47'04		minimum elong	-4309 May 10 j 13:57	13° \mathbb{Y} 52'26 1°02'09
	-4310 Jun 11 j 09:07	0° \mathbb{I}		max. Earth dist.	-4309 May 12 j 23:07	18° \mathbb{Y} 56'08 1.33762 AU
desc. node	-4310 Jun 29 j 00:21	26° \mathbb{I} 50'31		evening rise	-4309 May 18 j 06:50	29° \mathbb{Y} 51'51
	-4310 Jul 01 j 12:08	0° \mathbb{Q}			-4309 May 18 j 08:28	0° \mathbb{B}
evening max el	-4310 Jul 08 j 16:57	7° \mathbb{Q} 58'52	26°55'42		-4309 Jun 04 j 10:26	0° \mathbb{I}
retrograde	-4310 Jul 21 j 20:25	15° \mathbb{Q} 19'11		desc. node	-4309 Jun 15 j 21:27	15° \mathbb{I} 31'58
evening set	-4310 Jul 28 j 16:15	12° \mathbb{Q} 31'09		evening max el	-4309 Jun 21 j 03:47	21° \mathbb{I} 10'38 27°22'50
min. Earth dist.	-4310 Aug 01 j 13:22	8° \mathbb{Q} 35'48	0.65427 AU	retrograde	-4309 Jul 04 j 17:45	28° \mathbb{I} 35'16
inferior conj	-4310 Aug 03 j 10:15	6° \mathbb{Q} 24'47	-2°58'32	evening set	-4309 Jul 11 j 20:42	25° \mathbb{I} 51'35
minimum elong	-4310 Aug 03 j 13:51	6° \mathbb{Q} 14'13	2°57'17	min. Earth dist.	-4309 Jul 15 j 12:05	22° \mathbb{I} 31'35 0.64033 AU
morning rise	-4310 Aug 09 j 11:50	0° \mathbb{Q} 45'27		inferior conj	-4309 Jul 17 j 23:06	19° \mathbb{I} 55'00 -3°37'57
	-4310 Aug 11 j 20:58	30° \mathbb{R} \mathbb{I}		minimum elong	-4309 Jul 18 j 02:43	19° \mathbb{I} 45'23 3°36'59
direct	-4310 Aug 12 j 09:55	29° \mathbb{I} 58'23		morning rise	-4309 Jul 24 j 09:28	14° \mathbb{I} 32'34
	-4310 Aug 12 j 22:54	0° \mathbb{Q}		direct	-4309 Jul 27 j 02:41	13° \mathbb{I} 55'07
asc. node	-4310 Aug 13 j 07:29	0° \mathbb{Q} 02'49		asc. node	-4309 Jul 31 j 04:35	15° \mathbb{I} 18'52
morning max el	-4310 Aug 19 j 00:25	3° \mathbb{Q} 35'43	18°24'42	morning max el	-4309 Aug 02 j 14:59	17° \mathbb{I} 21'24 18°01'52
	-4310 Sep 05 j 19:17	0° \mathbb{Q}			-4309 Aug 11 j 17:30	0° \mathbb{Q}
morning set	-4310 Sep 07 j 10:10	2° \mathbb{Q} 39'12		morning set	-4309 Aug 20 j 00:46	14° \mathbb{Q} 04'34
					-4309 Aug 29 j 10:57	0° \mathbb{Q}
superior conj	-4310 Sep 22 j 08:30	26° \mathbb{Q} 41'17	0°16'40			
minimum elong	-4310 Sep 22 j 10:38	26° \mathbb{Q} 49'45	0°16'31	superior conj	-4309 Sep 01 j 22:53	5° \mathbb{Q} 44'50 1°00'13
	-4310 Sep 24 j 10:47	0° \mathbb{P}		minimum elong	-4309 Sep 02 j 04:37	6° \mathbb{Q} 08'12 0°59'44
max. Earth dist.	-4310 Sep 24 j 12:15	0° \mathbb{P} 05'45	1.44765 AU	max. Earth dist.	-4309 Sep 07 j 05:11	14° \mathbb{Q} 14'03 1.44118 AU
desc. node	-4310 Sep 24 j 23:52	0° \mathbb{P} 51'35		desc. node	-4309 Sep 11 j 20:48	21° \mathbb{Q} 35'47
evening rise	-4310 Oct 08 j 20:42	22° \mathbb{P} 38'38			-4309 Sep 17 j 06:06	0° \mathbb{P}
	-4310 Oct 13 j 13:16	0° \mathbb{Q}		evening rise	-4309 Sep 18 j 05:51	1° \mathbb{P} 31'52
greatest brilliancy	-4310 Oct 19 j 05:13	8° \mathbb{Q} 49'15	-0.8m		-4309 Oct 07 j 06:13	0° \mathbb{Q}
evening max el	-4310 Nov 01 j 07:29	26° \mathbb{Q} 51'13	19°22'51	evening max el	-4309 Oct 15 j 11:33	10° \mathbb{Q} 17'40 20°20'18




































































































































Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

retrograde	-4309 Oct 23 j 08:33	14°♄55'37		desc. node	-4308 Aug 28 j 17:45	12°♄16'58	
evening set	-4309 Oct 27 j 01:35	13°♄35'52			-4308 Sep 09 j 10:41	0°♄	
asc. node	-4309 Oct 27 j 03:30	13°♄32'23		evening max el	-4308 Sep 27 j 09:27	23°♄43'03	21°30'15
inferior conj	-4309 Nov 01 j 12:32	7°♄30'29	1°46'01	retrograde	-4308 Oct 06 j 05:05	28°♄57'02	
minimum elong	-4309 Nov 01 j 10:15	7°♄38'08	1°45'09	evening set	-4308 Oct 10 j 09:29	27°♄19'42	
min. Earth dist.	-4309 Nov 02 j 06:20	6°♄30'38	0.66771 AU	asc. node	-4308 Oct 13 j 00:38	24°♄40'58	
morning rise	-4309 Nov 06 j 18:44	1°♄15'28		inferior conj	-4308 Oct 15 j 17:49	21°♄06'36	0°55'11
	-4309 Nov 08 j 10:45	30°♄		minimum elong	-4308 Oct 15 j 16:33	21°♄10'55	0°54'42
direct	-4309 Nov 12 j 09:55	28°♄48'14		min. Earth dist.	-4308 Oct 16 j 00:45	20°♄42'41	0.67245 AU
	-4309 Nov 16 j 18:31	0°♄		morning rise	-4308 Oct 20 j 23:27	14°♄50'57	
morning max el	-4309 Nov 23 j 22:17	5°♄39'32	24°47'33	direct	-4308 Oct 25 j 23:27	12°♄43'59	
desc. node	-4309 Dec 08 j 20:48	24°♄17'07		morning max el	-4308 Nov 05 j 07:41	18°♄54'51	23°21'44
	-4309 Dec 12 j 19:20	0°♄			-4308 Nov 14 j 15:05	0°♄	
morning set	-4309 Dec 29 j 23:57	27°♄52'15		desc. node	-4308 Nov 24 j 17:44	14°♄13'08	
	-4309 Dec 31 j 04:43	0°♄			-4308 Dec 04 j 23:26	0°♄	
max. Earth dist.	-4308 Jan 02 j 17:42	4°♄36'10	1.37372 AU	morning set	-4308 Dec 10 j 04:49	8°♄34'06	
				max. Earth dist.	-4308 Dec 14 j 13:09	15°♄59'31	1.39410 AU
superior conj	-4308 Jan 09 j 06:27	16°♄58'15	-1°45'52	superior conj	-4308 Dec 22 j 03:15	29°♄38'15	-1°53'44
minimum elong	-4308 Jan 09 j 08:57	17°♄10'26	1°45'55	minimum elong	-4308 Dec 22 j 03:54	29°♄41'17	1°53'54
	-4308 Jan 15 j 19:53	0°♄			-4308 Dec 22 j 07:56	0°♄	
evening rise	-4308 Jan 17 j 16:31	3°♄43'21		evening rise	-4308 Dec 31 j 10:31	17°♄22'47	
asc. node	-4308 Jan 23 j 02:28	14°♄13'40			-4307 Jan 07 j 04:10	0°♄	
	-4308 Feb 02 j 13:00	0°♄		asc. node	-4307 Jan 08 j 23:32	3°♄06'52	
evening max el	-4308 Feb 03 j 17:08	1°♄11'09	19°19'34	evening max el	-4307 Jan 16 j 18:27	13°♄39'44	18°36'06
retrograde	-4308 Feb 12 j 18:00	5°♄29'12		retrograde	-4307 Jan 24 j 12:57	17°♄26'32	
evening set	-4308 Feb 15 j 02:41	5°♄12'52		evening set	-4307 Jan 27 j 00:47	17°♄04'36	
inferior conj	-4308 Feb 23 j 08:21	1°♄03'52	2°51'55	inferior conj	-4307 Feb 03 j 13:42	12°♄36'53	3°44'51
minimum elong	-4308 Feb 23 j 13:23	0°♄55'26	2°50'31	minimum elong	-4307 Feb 03 j 16:52	12°♄30'44	3°44'14
	-4308 Feb 24 j 22:30	30°♄		min. Earth dist.	-4307 Feb 06 j 22:30	10°♄01'36	0.58403 AU
min. Earth dist.	-4308 Feb 26 j 05:13	29°♄09'37	0.56655 AU	morning rise	-4307 Feb 11 j 06:35	7°♄18'21	
morning rise	-4308 Mar 02 j 21:26	26°♄11'41		direct	-4307 Feb 17 j 06:05	5°♄48'27	
desc. node	-4308 Mar 05 j 20:02	25°♄26'53		desc. node	-4307 Feb 20 j 17:09	6°♄18'04	
direct	-4308 Mar 07 j 16:19	25°♄18'55		morning max el	-4307 Mar 03 j 12:12	13°♄18'47	26°24'18
	-4308 Mar 18 j 22:36	0°♄			-4307 Mar 16 j 16:45	0°♄	
morning max el	-4308 Mar 21 j 19:35	2°♄31'30	25°00'29	morning set	-4307 Apr 01 j 12:57	28°♄55'46	
	-4308 Apr 10 j 01:30	0°♄			-4307 Apr 02 j 01:11	0°♄	
morning set	-4308 Apr 17 j 01:37	13°♄55'28		asc. node	-4307 Apr 06 j 23:01	10°♄34'11	
asc. node	-4308 Apr 20 j 02:02	20°♄21'29					
superior conj	-4308 Apr 24 j 01:58	29°♄02'05	0°40'29	superior conj	-4307 Apr 08 j 13:26	14°♄04'19	0°16'38
minimum elong	-4308 Apr 24 j 00:16	28°♄52'52	0°40'08	minimum elong	-4307 Apr 08 j 12:43	14°♄00'20	0°16'24
	-4308 Apr 24 j 12:38	0°♄		max. Earth dist.	-4307 Apr 08 j 19:43	14°♄38'36	1.32650 AU
max. Earth dist.	-4308 Apr 25 j 07:09	1°♄40'17	1.33032 AU	evening rise	-4307 Apr 15 j 14:19	29°♄11'45	
evening rise	-4308 May 01 j 07:42	14°♄23'08			-4307 Apr 15 j 23:37	0°♄	
	-4308 May 09 j 10:21	0°♄			-4307 May 02 j 17:27	0°♄	
	-4308 May 29 j 18:01	0°♄		evening max el	-4307 May 15 j 15:16	16°♄00'33	26°43'16
desc. node	-4308 Jun 01 j 18:36	3°♄12'05		desc. node	-4307 May 19 j 15:44	19°♄25'19	
evening max el	-4308 Jun 02 j 11:57	3°♄54'21	27°19'30	retrograde	-4307 May 29 j 16:29	23°♄20'57	
retrograde	-4308 Jun 16 j 08:54	11°♄18'33		evening set	-4307 Jun 05 j 06:35	21°♄27'53	
evening set	-4308 Jun 23 j 10:51	8°♄53'27		min. Earth dist.	-4307 Jun 09 j 04:45	18°♄45'40	0.60296 AU
min. Earth dist.	-4308 Jun 27 j 01:06	5°♄59'39	0.62283 AU	inferior conj	-4307 Jun 12 j 12:59	15°♄59'48	-4°17'02
inferior conj	-4308 Jun 30 j 01:10	3°♄09'18	-4°06'13	minimum elong	-4307 Jun 12 j 13:05	15°♄59'36	4°16'54
minimum elong	-4308 Jun 30 j 03:42	3°♄03'16	4°05'45	morning rise	-4307 Jun 19 j 21:36	11°♄17'55	
	-4308 Jul 03 j 15:35	30°♄		direct	-4307 Jun 22 j 10:16	10°♄53'31	
morning rise	-4308 Jul 06 j 21:52	28°♄06'17		morning max el	-4307 Jun 29 j 17:19	14°♄26'25	18°11'35
direct	-4308 Jul 09 j 12:03	27°♄36'13		asc. node	-4307 Jul 03 j 22:40	19°♄27'57	
	-4308 Jul 15 j 02:50	0°♄			-4307 Jul 10 j 10:19	0°♄	
morning max el	-4308 Jul 16 j 05:34	1°♄00'38	17°57'11	morning set	-4307 Jul 15 j 17:37	9°♄47'19	
asc. node	-4308 Jul 17 j 01:39	1°♄52'20					
morning set	-4308 Aug 01 j 13:02	26°♄31'43		superior conj	-4307 Jul 25 j 11:17	27°♄48'57	1°45'41
	-4308 Aug 03 j 11:25	0°♄		minimum elong	-4307 Jul 25 j 13:31	27°♄58'56	1°45'48
					-4307 Jul 26 j 16:33	0°♄	
superior conj	-4308 Aug 12 j 15:54	16°♄07'32	1°30'11	max. Earth dist.	-4307 Aug 02 j 00:11	10°♄58'55	1.41129 AU
minimum elong	-4308 Aug 12 j 20:49	16°♄28'31	1°29'57	evening rise	-4307 Aug 07 j 06:27	19°♄42'31	
max. Earth dist.	-4308 Aug 19 j 17:29	27°♄55'44	1.42847 AU		-4307 Aug 13 j 18:08	0°♄	
	-4308 Aug 21 j 00:01	0°♄		desc. node	-4307 Aug 15 j 14:44	2°♄51'40	
evening rise	-4308 Aug 27 j 10:28	10°♄14'56			-4307 Sep 03 j 19:38	0°♄	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-4307 Sep 10 j 01:34	7° \mathbb{M} 08'39	22°48'33	superior conj	-4306 Jul 08 j 03:47	10° \mathbb{I} 34'45	1°49'10
retrograde	-4307 Sep 19 j 23:18	13° \mathbb{M} 01'02		minimum elong	-4306 Jul 08 j 03:30	10° \mathbb{I} 33'24	1°49'21
evening set	-4307 Sep 24 j 17:06	11° \mathbb{M} 04'18		max. Earth dist.	-4306 Jul 15 j 02:45	23° \mathbb{I} 20'40	1.39193 AU
asc. node	-4307 Sep 29 j 21:45	4° \mathbb{M} 55'56			-4306 Jul 18 j 22:24	0° \mathfrak{S}	
inferior conj	-4307 Sep 30 j 00:22	4° \mathbb{M} 46'55	0°02'14	evening rise	-4306 Jul 19 j 03:57	0° \mathfrak{S} 23'44	
minimum elong	-4307 Sep 30 j 00:18	4° \mathbb{M} 47'06	0°02'19	desc. node	-4306 Aug 02 j 11:44	23° \mathfrak{S} 15'29	
transit middle	-4307 Sep 30 j 00:18	4° \mathbb{M} 47'06	0°02'19		-4306 Aug 07 j 02:44	0° \mathcal{O}	
transit begin	-4307 Sep 29 j 21:38	4° \mathbb{M} 56'19		evening max el	-4306 Aug 23 j 13:40	20° \mathcal{O} 36'08	24°09'22
transit end	-4307 Sep 30 j 02:59	4° \mathbb{M} 37'53		retrograde	-4306 Sep 03 j 14:05	27° \mathcal{O} 04'45	
min. Earth dist.	-4307 Sep 29 j 21:03	4° \mathbb{M} 58'20	0.67417 AU	evening set	-4306 Sep 08 j 22:40	24° \mathcal{O} 48'16	
	-4307 Oct 03 j 18:42	30° \mathcal{R} \mathcal{O}		min. Earth dist.	-4306 Sep 13 j 16:46	19° \mathcal{O} 16'16	0.67286 AU
morning rise	-4307 Oct 05 j 07:23	28° \mathcal{O} 33'42		inferior conj	-4306 Sep 14 j 06:29	18° \mathcal{O} 29'52	-0°51'08
direct	-4307 Oct 09 j 17:01	26° \mathcal{O} 48'08		minimum elong	-4306 Sep 14 j 07:40	18° \mathcal{O} 25'51	0°50'31
	-4307 Oct 16 j 11:19	0° \mathbb{M}		asc. node	-4306 Sep 16 j 18:51	15° \mathcal{O} 14'08	
morning max el	-4307 Oct 18 j 20:45	2° \mathbb{M} 14'25	21°56'54	morning rise	-4306 Sep 19 j 16:38	12° \mathcal{O} 22'12	
	-4307 Nov 08 j 15:30	0° \mathfrak{L}		direct	-4306 Sep 23 j 13:29	10° \mathcal{O} 56'50	
desc. node	-4307 Nov 11 j 14:39	4° \mathfrak{L} 28'12		morning max el	-4306 Oct 01 j 16:23	15° \mathcal{O} 42'19	20°39'59
morning set	-4307 Nov 20 j 04:57	17° \mathfrak{L} 52'25			-4306 Oct 12 j 20:43	0° \mathbb{M}	
max. Earth dist.	-4307 Nov 26 j 12:41	28° \mathfrak{L} 11'30	1.41436 AU	desc. node	-4306 Oct 29 j 11:33	24° \mathbb{M} 56'46	
	-4307 Nov 27 j 14:38	0° \mathbb{M}		morning set	-4306 Oct 30 j 07:13	26° \mathbb{M} 13'05	
					-4306 Nov 01 j 17:21	0° \mathfrak{L}	
superior conj	-4307 Dec 04 j 04:29	11° \mathbb{M} 18'19	-1°50'44	max. Earth dist.	-4306 Nov 08 j 20:00	11° \mathfrak{L} 18'45	1.43149 AU
minimum elong	-4307 Dec 04 j 01:56	11° \mathbb{M} 07'06	1°50'45				
	-4307 Dec 14 j 11:48	0° \mathcal{X}		superior conj	-4306 Nov 15 j 04:35	21° \mathfrak{L} 45'13	-1°33'08
evening rise	-4307 Dec 14 j 17:23	0° \mathcal{X} 25'51		minimum elong	-4306 Nov 14 j 22:34	21° \mathfrak{L} 20'09	1°32'41
asc. node	-4307 Dec 26 j 20:36	21° \mathcal{X} 22'19			-4306 Nov 20 j 01:34	0° \mathbb{M}	
evening max el	-4307 Dec 31 j 02:23	26° \mathcal{X} 32'46	18°12'35	evening rise	-4306 Nov 27 j 09:12	12° \mathbb{M} 44'52	
	-4306 Jan 06 j 03:16	0° \mathfrak{S}			-4306 Dec 07 j 09:37	0° \mathcal{X}	
retrograde	-4306 Jan 07 j 01:41	0° \mathfrak{S} 03'49		asc. node	-4306 Dec 13 j 17:41	8° \mathcal{X} 48'51	
	-4306 Jan 08 j 00:15	30° \mathcal{R} \mathcal{X}		evening max el	-4306 Dec 14 j 14:06	9° \mathcal{X} 42'46	18°08'42
evening set	-4306 Jan 09 j 16:27	29° \mathcal{X} 34'56		retrograde	-4306 Dec 21 j 04:27	13° \mathcal{X} 11'21	
inferior conj	-4306 Jan 16 j 14:52	24° \mathcal{X} 45'24	4°03'38	evening set	-4306 Dec 23 j 22:13	12° \mathcal{X} 34'40	
minimum elong	-4306 Jan 16 j 15:11	24° \mathcal{X} 44'43	4°03'25	inferior conj	-4306 Dec 30 j 08:57	7° \mathcal{X} 23'51	3°57'02
min. Earth dist.	-4306 Jan 19 j 20:46	21° \mathcal{X} 51'51	0.60399 AU	minimum elong	-4306 Dec 30 j 07:05	7° \mathcal{X} 28'39	3°56'40
morning rise	-4306 Jan 23 j 12:23	19° \mathcal{X} 07'49		min. Earth dist.	-4305 Jan 02 j 03:25	4° \mathcal{X} 34'44	0.62337 AU
direct	-4306 Jan 30 j 06:54	16° \mathcal{X} 59'54		morning rise	-4305 Jan 05 j 15:03	1° \mathcal{X} 32'30	
desc. node	-4306 Feb 07 j 14:14	19° \mathcal{X} 51'13			-4305 Jan 08 j 04:07	30° \mathcal{R} \mathbb{M}	
morning max el	-4306 Feb 13 j 10:23	24° \mathcal{X} 38'31	27°20'49	direct	-4305 Jan 12 j 16:39	28° \mathbb{M} 56'23	
	-4306 Feb 18 j 08:38	0° \mathfrak{S}			-4305 Jan 17 j 11:29	0° \mathcal{X}	
	-4306 Mar 09 j 21:34	0° \mathfrak{A}		desc. node	-4305 Jan 25 j 11:17	5° \mathcal{X} 33'38	
morning set	-4306 Mar 16 j 21:29	13° \mathfrak{A} 45'47		morning max el	-4305 Jan 26 j 14:50	6° \mathcal{X} 39'21	27°42'14
max. Earth dist.	-4306 Mar 23 j 09:03	27° \mathfrak{A} 37'06	1.32604 AU		-4305 Feb 13 j 10:05	0° \mathfrak{S}	
				morning set	-4305 Mar 01 j 01:11	28° \mathfrak{S} 18'18	
superior conj	-4306 Mar 24 j 01:03	29° \mathfrak{A} 04'28	-0°08'14		-4305 Mar 01 j 21:08	0° \mathfrak{A}	
minimum elong	-4306 Mar 24 j 01:25	29° \mathfrak{A} 06'30	0°08'16	max. Earth dist.	-4305 Mar 06 j 19:17	10° \mathfrak{A} 21'38	1.32907 AU
behind sun begin	-4306 Mar 23 j 21:06	28° \mathfrak{A} 42'56					
behind sun end	-4306 Mar 24 j 05:44	29° \mathfrak{A} 30'04		superior conj	-4305 Mar 08 j 11:10	13° \mathfrak{A} 56'49	-0°33'12
	-4306 Mar 24 j 11:12	0° \mathcal{H}		minimum elong	-4305 Mar 08 j 12:38	14° \mathfrak{A} 04'49	0°33'03
asc. node	-4306 Mar 24 j 19:59	0° \mathcal{H} 48'02		asc. node	-4305 Mar 11 j 16:59	20° \mathfrak{A} 59'01	
evening rise	-4306 Mar 31 j 00:20	14° \mathcal{H} 08'14		evening rise	-4305 Mar 15 j 11:51	29° \mathfrak{A} 05'38	
	-4306 Apr 08 j 01:31	0° \mathbb{Y}			-4305 Mar 15 j 22:11	0° \mathcal{H}	
evening max el	-4306 Apr 27 j 12:20	27° \mathbb{Y} 24'35	25°36'58		-4305 Apr 02 j 01:05	0° \mathbb{Y}	
	-4306 Apr 30 j 11:24	0° \mathcal{B}		evening max el	-4305 Apr 09 j 04:41	8° \mathbb{Y} 16'02	24°09'53
desc. node	-4306 May 06 j 12:52	3° \mathcal{B} 37'09		retrograde	-4305 Apr 23 j 00:31	15° \mathbb{Y} 12'24	
retrograde	-4306 May 11 j 14:20	4° \mathcal{B} 37'27		desc. node	-4305 Apr 23 j 10:02	15° \mathbb{Y} 12'02	
evening set	-4306 May 17 j 04:51	3° \mathcal{B} 22'49		evening set	-4305 Apr 27 j 07:36	14° \mathbb{Y} 31'15	
min. Earth dist.	-4306 May 22 j 00:47	0° \mathcal{B} 35'49	0.58282 AU	min. Earth dist.	-4305 May 03 j 16:24	11° \mathbb{Y} 25'32	0.56548 AU
	-4306 May 22 j 21:18	30° \mathcal{R} \mathbb{Y}		inferior conj	-4305 May 06 j 04:47	9° \mathbb{Y} 51'17	-3°09'37
inferior conj	-4306 May 25 j 06:56	28° \mathbb{Y} 16'12	-4°01'27	minimum elong	-4305 May 05 j 23:01	10° \mathbb{Y} 00'20	3°08'14
minimum elong	-4306 May 25 j 03:35	28° \mathbb{Y} 22'14	4°00'59	morning rise	-4305 May 14 j 17:31	5° \mathbb{Y} 47'59	
morning rise	-4306 Jun 02 j 05:06	23° \mathbb{Y} 55'32		direct	-4305 May 17 j 04:44	5° \mathbb{Y} 31'48	
direct	-4306 Jun 04 j 16:54	23° \mathbb{Y} 35'45		morning max el	-4305 May 26 j 21:02	10° \mathbb{Y} 01'23	19°40'52
morning max el	-4306 Jun 12 j 23:21	27° \mathbb{Y} 29'36	18°46'00	asc. node	-4305 Jun 07 j 16:40	26° \mathbb{Y} 51'20	
	-4306 Jun 15 j 07:53	0° \mathcal{B}			-4305 Jun 09 j 09:05	0° \mathcal{B}	
asc. node	-4306 Jun 20 j 19:40	7° \mathcal{B} 51'20		morning set	-4305 Jun 13 j 10:53	7° \mathcal{B} 59'52	
morning set	-4306 Jun 29 j 10:02	23° \mathcal{B} 39'39					
	-4306 Jul 02 j 15:57	0° \mathbb{I}		superior conj	-4305 Jun 21 j 11:50	24° \mathcal{B} 09'26	1°43'31

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4305 Jun 21 j 09:56	24°  00'02	1°43'34	minimum elong	-4304 Jun 04 j 04:23	8°  06'51	1°31'01
	-4305 Jun 24 j 11:39	0°  II		max. Earth dist.	-4304 Jun 08 j 14:04	16°  59'34	1.35646 AU
max. Earth dist.	-4305 Jun 27 j 05:18	5°  II11'52	1.37296 AU	evening rise	-4304 Jun 12 j 21:29	25°  18'03	
evening rise	-4305 Jul 01 j 02:34	12°  II19'30			-4304 Jun 15 j 10:27	0°  II	
	-4305 Jul 11 j 13:03	0°  ☿			-4304 Jul 04 j 00:15	0°  ☿	
desc. node	-4305 Jul 20 j 08:46	13°  ☿22'35		desc. node	-4304 Jul 06 j 05:51	3°  ☿05'46	
	-4305 Aug 02 j 03:41	0°  Ω		evening max el	-4304 Jul 18 j 11:06	17°  ☿35'57	26°28'25
evening max el	-4305 Aug 06 j 00:11	4°  Ω05'45	25°25'21	retrograde	-4304 Jul 31 j 06:41	24°  ☿51'41	
retrograde	-4305 Aug 18 j 00:43	11°  Ω03'22		evening set	-4304 Aug 06 j 19:55	22°  ☿06'13	
evening set	-4305 Aug 24 j 00:19	8°  Ω29'29		min. Earth dist.	-4304 Aug 10 j 21:06	17°  ☿48'56	0.66045 AU
min. Earth dist.	-4305 Aug 28 j 09:32	3°  Ω34'01	0.66837 AU	inferior conj	-4304 Aug 12 j 10:19	15°  ☿55'08	-2°32'31
inferior conj	-4305 Aug 29 j 10:25	2°  Ω13'11	-1°43'21	minimum elong	-4304 Aug 12 j 13:36	15°  ☿45'05	2°31'14
minimum elong	-4305 Aug 29 j 12:47	2°  Ω05'31	1°42'16	morning rise	-4304 Aug 18 j 07:34	10°  ☿07'39	
	-4305 Aug 31 j 04:24	30°  ☿ 		asc. node	-4304 Aug 20 j 13:03	9°  ☿18'04	
asc. node	-4305 Sep 03 j 15:57	26°  ☿30'28		direct	-4304 Aug 21 j 09:18	9°  ☿14'01	
morning rise	-4305 Sep 04 j 01:20	26°  ☿14'07		morning max el	-4304 Aug 28 j 04:23	13°  ☿02'03	18°45'42
direct	-4305 Sep 07 j 11:27	25°  ☿06'16			-4304 Sep 09 j 09:39	0°  Ω	
morning max el	-4305 Sep 14 j 19:16	29°  ☿18'43	19°35'21	morning set	-4304 Sep 18 j 04:19	13°  Ω59'31	
	-4305 Sep 15 j 11:00	0°  Ω			-4304 Sep 28 j 06:00	0°  ☿	
	-4305 Oct 06 j 08:52	0°  ☿		desc. node	-4304 Oct 02 j 05:24	6°  ☿16'18	
morning set	-4305 Oct 09 j 07:59	4°  ☿36'12					
desc. node	-4305 Oct 16 j 08:28	15°  ☿33'53		superior conj	-4304 Oct 04 j 02:37	9°  ☿14'29	-0°11'55
max. Earth dist.	-4305 Oct 22 j 09:30	25°  ☿05'31	1.44318 AU	minimum elong	-4304 Oct 04 j 01:03	9°  ☿08'20	0°11'37
	-4305 Oct 25 j 11:27	0°  Ω		behind sun begin	-4304 Oct 03 j 16:56	8°  ☿36'19	
				behind sun end	-4304 Oct 04 j 09:11	9°  ☿40'20	
superior conj	-4305 Oct 26 j 01:06	0°  Ω54'38	-0°58'53	max. Earth dist.	-4304 Oct 04 j 02:31	9°  ☿14'05	1.44809 AU
minimum elong	-4305 Oct 25 j 18:40	0°  Ω28'51	0°58'08		-4304 Oct 17 j 05:21	0°  Ω	
evening rise	-4305 Nov 09 j 05:11	24°  Ω09'23		evening rise	-4304 Oct 20 j 01:07	4°  Ω30'47	
	-4305 Nov 12 j 16:45	0°  ☿			-4304 Nov 05 j 09:02	0°  ☿	
evening max el	-4305 Nov 28 j 02:45	23°  ☿02'36	18°23'43	evening max el	-4304 Nov 10 j 13:51	6°  ☿27'48	18°56'34
asc. node	-4305 Nov 30 j 14:47	25°  ☿12'09		asc. node	-4304 Nov 16 j 11:54	10°  ☿16'52	
retrograde	-4305 Dec 04 j 16:46	26°  ☿39'31		retrograde	-4304 Nov 17 j 10:44	10°  ☿21'57	
evening set	-4305 Dec 07 j 14:32	25°  ☿53'44		evening set	-4304 Nov 20 j 14:19	9°  ☿25'01	
inferior conj	-4305 Dec 13 j 16:05	20°  ☿23'54	3°33'01	inferior conj	-4304 Nov 26 j 08:47	3°  ☿39'06	2°57'15
minimum elong	-4305 Dec 13 j 13:05	20°  ☿32'24	3°32'17	minimum elong	-4304 Nov 26 j 05:36	3°  ☿48'56	2°56'16
min. Earth dist.	-4305 Dec 15 j 20:10	17°  ☿56'05	0.64020 AU	min. Earth dist.	-4304 Nov 27 j 22:32	1°  ☿42'32	0.65366 AU
morning rise	-4305 Dec 19 j 11:07	14°  ☿22'30			-4304 Nov 29 j 09:18	30°  ☿ 	
direct	-4305 Dec 26 j 10:00	11°  ☿32'36		morning rise	-4304 Dec 01 j 20:32	27°  ☿30'29	
morning max el	-4304 Jan 08 j 23:21	19°  ☿15'11	27°27'51	direct	-4304 Dec 08 j 09:57	24°  ☿41'11	
desc. node	-4304 Jan 12 j 08:19	22°  ☿49'44			-4304 Dec 19 j 00:11	0°  ☿	
	-4304 Jan 18 j 04:40	0°  ☿ 		morning max el	-4304 Dec 21 j 09:04	2°  ☿13'52	26°42'22
	-4304 Feb 06 j 07:57	0°  ☿		desc. node	-4304 Dec 29 j 05:20	11°  ☿12'12	
morning set	-4304 Feb 12 j 21:25	12°  ☿24'21			-4303 Jan 11 j 08:58	0°  ☿ 	
max. Earth dist.	-4304 Feb 17 j 22:22	22°  ☿38'43	1.33596 AU	morning set	-4303 Jan 26 j 06:40	25°  ☿52'32	
					-4303 Jan 28 j 10:03	0°  ☿	
superior conj	-4304 Feb 20 j 18:01	28°  ☿35'13	-0°57'20	max. Earth dist.	-4303 Jan 30 j 14:45	4°  ☿20'03	1.34723 AU
minimum elong	-4304 Feb 20 j 20:27	28°  ☿48'08	0°57'04				
	-4304 Feb 21 j 09:56	0°  ☿ 		superior conj	-4303 Feb 03 j 19:28	12°  ☿52'42	-1°19'24
asc. node	-4304 Feb 26 j 14:00	11°  ☿02'55		minimum elong	-4303 Feb 03 j 22:29	13°  ☿08'21	1°19'10
evening rise	-4304 Feb 27 j 23:07	13°  ☿57'33		evening rise	-4303 Feb 11 j 08:22	28°  ☿37'36	
	-4304 Mar 07 j 03:46	0°  ☿ 		asc. node	-4303 Feb 12 j 11:02	0°  ☿54'51	
evening max el	-4304 Mar 20 j 21:44	18°  ☿59'41	22°35'45		-4303 Feb 12 j 00:21	0°  ☿ 	
retrograde	-4304 Apr 02 j 22:43	25°  ☿22'16			-4303 Mar 02 j 20:56	0°  ☿ 	
evening set	-4304 Apr 06 j 00:51	25°  ☿01'19		evening max el	-4303 Mar 02 j 21:40	0°  ☿01'45	21°07'26
desc. node	-4304 Apr 09 j 07:11	23°  ☿57'47		retrograde	-4303 Mar 14 j 12:37	5°  ☿34'39	
min. Earth dist.	-4304 Apr 14 j 06:47	21°  ☿24'53	0.55433 AU	evening set	-4303 Mar 16 j 23:08	5°  ☿20'52	
inferior conj	-4304 Apr 15 j 08:48	20°  ☿47'39	-1°38'28	inferior conj	-4303 Mar 26 j 04:16	1°  ☿22'17	0°16'39
minimum elong	-4304 Apr 15 j 04:31	20°  ☿53'47	1°37'08	minimum elong	-4303 Mar 26 j 05:01	1°  ☿21'12	0°16'16
morning rise	-4304 Apr 24 j 10:08	16°  ☿50'23		min. Earth dist.	-4303 Mar 26 j 21:06	0°  ☿58'22	0.55202 AU
direct	-4304 Apr 26 j 23:34	16°  ☿35'11		desc. node	-4303 Mar 27 j 04:21	0°  ☿48'07	
morning max el	-4304 May 08 j 08:23	21°  ☿54'27	20°55'23		-4303 Mar 28 j 14:58	30°  ☿ 	
	-4304 May 15 j 03:23	0°  ☿		morning rise	-4303 Apr 04 j 10:24	27°  ☿13'37	
asc. node	-4304 May 24 j 13:41	16°  ☿19'04		direct	-4303 Apr 07 j 11:43	26°  ☿53'12	
morning set	-4304 May 27 j 17:36	22° ☿41'03			-4303 Apr 16 j 13:25	0° ☿	
	-4304 May 31 j 06:22	0° ☿		morning max el	-4303 Apr 20 j 08:58	3° ☿05'53	22°26'06
					-4303 May 08 j 10:07	0° ☿	
superior conj	-4304 Jun 04 j 07:01	8° ☿20'19	1°31'11	asc. node	-4303 May 11 j 10:42	6° ☿06'25	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning set	-4303 May 12 j 03:54	7° Υ 35'34		asc. node	-4302 Apr 28 j 07:43	26° Υ 07'33	
					-4302 Apr 30 j 03:04	0° Υ	
superior conj	-4303 May 19 j 09:46	22° Υ 55'28	1°14'03				
minimum elong	-4303 May 19 j 07:07	22° Υ 41'32	1°13'42	superior conj	-4302 May 03 j 17:29	7° Υ 46'31	0°53'28
max. Earth dist.	-4303 May 22 j 08:44	29° Υ 06'23	1.34346 AU	minimum elong	-4302 May 03 j 15:20	7° Υ 34'57	0°53'05
	-4303 May 22 j 19:08	0° Υ		max. Earth dist.	-4302 May 05 j 12:51	11° Υ 39'11	1.33417 AU
evening rise	-4303 May 27 j 07:20	9° Υ 02'59		evening rise	-4302 May 11 j 03:44	23° Υ 20'48	
	-4303 Jun 07 j 21:57	0° Υ			-4302 May 14 j 12:49	0° Υ	
desc. node	-4303 Jun 23 j 02:57	22° Υ 13'53			-4302 Jun 01 j 14:44	0° Υ	
	-4303 Jun 29 j 22:54	0° Υ		desc. node	-4302 Jun 10 j 00:04	10° Υ 31'55	
evening max el	-4303 Jun 30 j 22:32	0° Υ 58'17	27°10'43	evening max el	-4302 Jun 13 j 08:46	14° Υ 00'27	27°25'22
retrograde	-4303 Jul 14 j 07:21	8° Υ 21'32		retrograde	-4302 Jun 27 j 01:56	21° Υ 24'26	
evening set	-4303 Jul 21 j 06:47	5° Υ 33'59		evening set	-4302 Jul 04 j 05:35	18° Υ 47'15	
min. Earth dist.	-4303 Jul 25 j 01:12	1° Υ 54'03	0.64878 AU	min. Earth dist.	-4302 Jul 07 j 19:54	15° Υ 39'37	0.63333 AU
	-4303 Jul 26 j 17:47	30° Υ		inferior conj	-4302 Jul 10 j 12:37	12° Υ 55'44	-3°51'37
inferior conj	-4303 Jul 27 j 03:57	29° Υ 31'13	-3°16'22	minimum elong	-4302 Jul 10 j 15:55	12° Υ 47'18	3°50'52
minimum elong	-4303 Jul 27 j 07:40	29° Υ 20'44	3°15'11	morning rise	-4302 Jul 17 j 03:10	7° Υ 40'56	
morning rise	-4303 Aug 02 j 09:05	23° Υ 58'28		direct	-4302 Jul 19 j 18:58	7° Υ 06'45	
direct	-4303 Aug 05 j 04:46	23° Υ 15'52		asc. node	-4302 Jul 25 j 07:14	9° Υ 32'51	
asc. node	-4303 Aug 07 j 10:09	23° Υ 42'10		morning max el	-4302 Jul 26 j 08:24	10° Υ 31'00	17°57'31
morning max el	-4303 Aug 11 j 17:36	26° Υ 47'47	18°12'44		-4302 Aug 08 j 09:54	0° Υ	
	-4303 Aug 14 j 12:17	0° Υ		morning set	-4302 Aug 12 j 04:33	6° Υ 35'51	
morning set	-4303 Aug 30 j 04:03	24° Υ 42'12					
	-4303 Sep 02 j 08:30	0° Ω		superior conj	-4302 Aug 24 j 07:03	27° Υ 19'10	1°14'48
				minimum elong	-4302 Aug 24 j 12:52	27° Υ 43'17	1°14'22
superior conj	-4303 Sep 13 j 06:04	17° Ω 44'21	0°36'31		-4302 Aug 25 j 21:57	0° Ω	
minimum elong	-4303 Sep 13 j 10:20	18° Ω 01'22	0°36'07	max. Earth dist.	-4302 Aug 30 j 11:50	7° Ω 27'16	1.43650 AU
max. Earth dist.	-4303 Sep 16 j 20:14	23° Ω 27'04	1.44574 AU	desc. node	-4302 Sep 05 j 23:17	17° Ω 44'01	
desc. node	-4303 Sep 19 j 02:20	27° Ω 00'43		evening rise	-4302 Sep 09 j 01:20	22° Ω 32'17	
	-4303 Sep 20 j 23:56	0° Ω			-4302 Sep 13 j 21:56	0° Ω	
evening rise	-4303 Sep 29 j 20:38	13° Ω 49'56			-4302 Oct 04 j 22:51	0° Ω	
	-4303 Oct 10 j 08:07	0° Ω		evening max el	-4302 Oct 07 j 22:38	3° Ω 21'02	20°48'50
greatest brilliancy	-4303 Oct 12 j 08:01	3° Ω 01'28	-0.7m	retrograde	-4302 Oct 16 j 04:28	8° Ω 13'14	
evening max el	-4303 Oct 24 j 21:05	19° Ω 54'52	19°45'42	evening set	-4302 Oct 20 j 02:11	6° Ω 46'07	
retrograde	-4303 Nov 01 j 07:25	24° Ω 14'24		asc. node	-4302 Oct 21 j 06:10	5° Ω 46'22	
asc. node	-4303 Nov 03 j 09:02	23° Ω 49'35		inferior conj	-4302 Oct 25 j 11:49	0° Ω 37'11	1°24'49
evening set	-4303 Nov 04 j 18:57	23° Ω 03'42		minimum elong	-4302 Oct 25 j 09:57	0° Ω 43'33	1°24'05
inferior conj	-4303 Nov 10 j 08:10	17° Ω 04'41	2°13'39		-4302 Oct 25 j 22:45	30° Ω	
minimum elong	-4303 Nov 10 j 05:26	17° Ω 13'39	2°12'39	min. Earth dist.	-4302 Oct 26 j 00:52	29° Ω 52'50	0.67011 AU
min. Earth dist.	-4303 Nov 11 j 08:50	15° Ω 43'47	0.66356 AU	morning rise	-4302 Oct 30 j 17:33	24° Ω 21'50	
morning rise	-4303 Nov 15 j 15:40	10° Ω 51'29		direct	-4302 Nov 05 j 02:18	22° Ω 02'57	
direct	-4303 Nov 21 j 15:38	8° Ω 13'58		morning max el	-4302 Nov 16 j 02:48	28° Ω 37'16	24°11'33
morning max el	-4303 Dec 03 j 18:07	15° Ω 23'36	25°33'50		-4302 Nov 17 j 10:37	0° Ω	
	-4303 Dec 15 j 20:04	0° Ω		desc. node	-4302 Dec 02 j 23:14	20° Ω 02'55	
desc. node	-4303 Dec 16 j 02:19	0° Ω 21'23			-4302 Dec 09 j 15:03	0° Ω	
	-4302 Jan 04 j 05:20	0° Ω		morning set	-4302 Dec 21 j 20:08	19° Ω 55'56	
morning set	-4302 Jan 09 j 00:14	8° Ω 28'51		max. Earth dist.	-4302 Dec 25 j 16:43	26° Ω 43'18	1.38224 AU
max. Earth dist.	-4302 Jan 12 j 19:33	15° Ω 32'42	1.36295 AU		-4302 Dec 27 j 12:13	0° Ω	
superior conj	-4302 Jan 18 j 12:47	26° Ω 41'04	-1°37'47	superior conj	-4301 Jan 01 j 18:17	9° Ω 48'55	-1°50'19
minimum elong	-4302 Jan 18 j 15:45	26° Ω 55'54	1°37'42	minimum elong	-4301 Jan 01 j 20:11	9° Ω 57'57	1°50'25
	-4302 Jan 20 j 04:24	0° Ω		evening rise	-4301 Jan 10 j 12:27	26° Ω 56'33	
evening rise	-4302 Jan 26 j 13:37	12° Ω 59'50			-4301 Jan 12 j 01:53	0° Ω	
asc. node	-4302 Jan 30 j 08:05	20° Ω 29'36		asc. node	-4301 Jan 17 j 05:08	9° Ω 39'55	
	-4302 Feb 04 j 13:46	0° Ω		evening max el	-4301 Jan 27 j 03:54	23° Ω 47'00	18°58'35
evening max el	-4302 Feb 13 j 07:46	11° Ω 37'17	19°53'38	retrograde	-4301 Feb 04 j 14:24	27° Ω 49'55	
retrograde	-4302 Feb 23 j 05:55	16° Ω 19'26		evening set	-4301 Feb 07 j 00:31	27° Ω 31'19	
evening set	-4302 Feb 25 j 13:45	16° Ω 05'06		inferior conj	-4301 Feb 14 j 22:49	23° Ω 14'38	3°18'59
inferior conj	-4302 Mar 06 j 05:15	12° Ω 03'46	2°04'00	minimum elong	-4301 Feb 15 j 03:21	23° Ω 06'34	3°17'54
minimum elong	-4302 Mar 06 j 09:54	11° Ω 56'35	2°02'28	min. Earth dist.	-4301 Feb 18 j 02:41	21° Ω 00'53	0.57349 AU
min. Earth dist.	-4302 Mar 08 j 11:25	10° Ω 40'31	0.55902 AU	morning rise	-4301 Feb 23 j 03:38	18° Ω 10'40	
desc. node	-4302 Mar 14 j 01:29	7° Ω 51'11		direct	-4301 Feb 28 j 11:24	17° Ω 03'21	
morning rise	-4302 Mar 15 j 03:49	7° Ω 29'23		desc. node	-4301 Feb 28 j 22:36	17° Ω 03'53	
direct	-4302 Mar 19 j 05:38	6° Ω 52'33		morning max el	-4301 Mar 14 j 16:45	24° Ω 24'11	25°38'45
morning max el	-4302 Apr 02 j 01:45	13° Ω 47'26	24°04'53		-4301 Mar 19 j 19:38	0° Ω	
	-4302 Apr 14 j 14:47	0° Ω			-4301 Apr 07 j 10:01	0° Ω	
morning set	-4302 Apr 26 j 15:57	22° Ω 37'16		morning set	-4301 Apr 11 j 04:01	7° Ω 39'46	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4301 Apr 15 j 04:41	16° X 17'07		morning set	-4300 Mar 25 j 14:23	22° \approx 36'28	
					-4300 Mar 29 j 01:52	0° X	
superior conj	-4301 Apr 18 j 04:04	22° X 46'08	0°30'32	asc. node	-4300 Apr 01 j 01:39	6° X 30'36	
minimum elong	-4301 Apr 18 j 02:45	22° X 38'59	0°30'14				
max. Earth dist.	-4301 Apr 18 j 23:27	24° X 31'45	1.32834 AU	superior conj	-4300 Apr 01 j 15:47	7° X 47'56	0°06'09
	-4301 Apr 21 j 12:08	0° Y		minimum elong	-4300 Apr 01 j 15:30	7° X 46'27	0°06'01
evening rise	-4301 Apr 25 j 07:21	8° Y 00'24		behind sun begin	-4300 Apr 01 j 10:52	7° X 21'01	
	-4301 May 06 j 23:49	0° Z		behind sun end	-4300 Apr 01 j 20:09	8° X 11'53	
evening max el	-4301 May 26 j 15:10	26° Z 29'18	27°07'59	max. Earth dist.	-4300 Apr 01 j 12:47	7° X 31'30	1.32585 AU
desc. node	-4301 May 27 j 21:11	27° Z 38'48		evening rise	-4300 Apr 08 j 15:37	22° X 52'47	
	-4301 May 30 j 18:23	0° II			-4300 Apr 12 j 03:21	0° Y	
retrograde	-4301 Jun 09 j 13:48	3° II 51'34			-4300 Apr 30 j 08:01	0° Z	
evening set	-4301 Jun 16 j 12:23	1° II 38'35		evening max el	-4300 May 07 j 15:34	8° Z 16'22	26°18'16
	-4301 Jun 18 j 19:39	30° R Z		desc. node	-4300 May 13 j 18:20	13° Z 04'56	
min. Earth dist.	-4301 Jun 20 j 04:35	28° Z 52'00	0.61463 AU	retrograde	-4300 May 21 j 17:39	15° Z 35'00	
inferior conj	-4301 Jun 23 j 09:04	26° Z 01'08	-4°13'24	evening set	-4300 May 27 j 23:13	13° Z 57'44	
minimum elong	-4301 Jun 23 j 10:44	25° Z 57'22	4°13'08	min. Earth dist.	-4300 Jun 01 j 04:30	11° Z 15'39	0.59423 AU
morning rise	-4301 Jun 30 j 10:39	21° Z 07'02		inferior conj	-4300 Jun 04 j 13:40	8° Z 37'57	-4°14'17
direct	-4301 Jul 03 j 00:12	20° Z 39'25		minimum elong	-4300 Jun 04 j 12:21	8° Z 40'31	4°14'07
morning max el	-4301 Jul 09 j 22:08	24° Z 05'40	18°00'57	morning rise	-4300 Jun 12 j 03:55	4° Z 05'40	
asc. node	-4301 Jul 12 j 04:17	26° Z 34'46		direct	-4300 Jun 14 j 16:07	3° Z 43'26	
	-4301 Jul 14 j 17:13	0° II		morning max el	-4300 Jun 22 j 07:53	7° Z 23'21	18°23'48
morning set	-4301 Jul 26 j 00:23	19° II 25'37		asc. node	-4300 Jun 28 j 01:18	14° Z 32'16	
	-4301 Jul 31 j 19:43	0° Z			-4300 Jul 06 j 21:05	0° II	
				morning set	-4300 Jul 08 j 10:28	2° II 57'50	
superior conj	-4301 Aug 05 j 11:51	8° Z 17'18	1°38'25	superior conj	-4300 Jul 17 j 16:59	20° II 28'27	1°48'27
minimum elong	-4301 Aug 05 j 15:42	8° Z 34'04	1°38'22	minimum elong	-4300 Jul 17 j 18:03	20° II 33'21	1°48'38
max. Earth dist.	-4301 Aug 12 j 22:23	20° Z 56'21	1.42159 AU		-4300 Jul 23 j 00:04	0° Z	
	-4301 Aug 18 j 12:08	0° Z					
evening rise	-4301 Aug 19 j 10:28	1° Z 28'55		max. Earth dist.	-4300 Jul 25 j 02:38	3° Z 40'16	1.40311 AU
desc. node	-4301 Aug 23 j 20:15	8° Z 23'15		evening rise	-4300 Jul 29 j 16:45	11° Z 25'51	
	-4301 Sep 07 j 10:31	0° Z		desc. node	-4300 Aug 09 j 17:16	28° Z 53'55	
evening max el	-4301 Sep 20 j 17:53	16° Z 46'18	22°02'47		-4300 Aug 10 j 10:45	0° Z	
retrograde	-4301 Sep 30 j 00:14	22° Z 16'34			-4300 Sep 02 j 03:10	0° Z	
evening set	-4301 Oct 04 j 10:11	20° Z 30'52		evening max el	-4300 Sep 02 j 07:49	0° Z 11'42	23°22'58
asc. node	-4301 Oct 08 j 03:16	16° Z 26'38		retrograde	-4300 Sep 12 j 17:14	6° Z 20'51	
inferior conj	-4301 Oct 09 j 17:51	14° Z 15'22	0°32'53	evening set	-4300 Sep 17 j 17:09	4° Z 15'34	
minimum elong	-4301 Oct 09 j 17:05	14° Z 17'59	0°32'37		-4300 Sep 21 j 12:15	30° R Z	
min. Earth dist.	-4301 Oct 09 j 20:18	14° Z 06'54	0.67355 AU	min. Earth dist.	-4300 Sep 22 j 16:42	28° Z 23'34	0.67396 AU
morning rise	-4301 Oct 14 j 23:52	8° Z 00'33		inferior conj	-4300 Sep 23 j 00:26	27° Z 57'04	-0°20'27
direct	-4301 Oct 19 j 17:32	6° Z 02'59		minimum elong	-4300 Sep 23 j 00:54	27° Z 55'26	0°20'08
morning max el	-4301 Oct 29 j 13:31	11° Z 54'47	22°45'07	asc. node	-4300 Sep 24 j 00:22	26° Z 35'27	
	-4301 Nov 12 j 21:28	0° Z		morning rise	-4300 Sep 28 j 08:34	21° Z 45'41	
desc. node	-4301 Nov 19 j 20:10	10° Z 07'55		direct	-4300 Oct 02 j 12:25	20° Z 09'09	
morning set	-4301 Dec 02 j 12:47	0° Z 01'33		morning max el	-4300 Oct 11 j 05:13	25° Z 17'50	21°22'50
	-4301 Dec 02 j 12:24	0° Z			-4300 Oct 15 j 08:46	0° Z	
max. Earth dist.	-4301 Dec 07 j 13:30	8° Z 26'20	1.40294 AU		-4300 Nov 05 j 09:28	0° Z	
				desc. node	-4300 Nov 05 j 17:07	0° Z 29'17	
superior conj	-4301 Dec 15 j 07:23	22° Z 04'31	-1°54'01	morning set	-4300 Nov 11 j 01:54	8° Z 49'52	
minimum elong	-4301 Dec 15 j 06:49	22° Z 01'58	1°54'09	max. Earth dist.	-4300 Nov 18 j 15:42	21° Z 00'20	1.42215 AU
	-4301 Dec 19 j 14:33	0° Z			-4300 Nov 24 j 00:59	0° Z	
evening rise	-4301 Dec 25 j 02:08	10° Z 21'20		superior conj	-4300 Nov 25 j 22:30	3° Z 14'26	-1°45'14
asc. node	-4300 Jan 04 j 02:10	28° Z 18'00		minimum elong	-4300 Nov 25 j 18:22	2° Z 56'40	1°45'05
	-4300 Jan 05 j 04:43	0° Z		evening rise	-4300 Dec 07 j 03:07	23° Z 06'33	
evening max el	-4300 Jan 10 j 08:14	6° Z 26'01	18°23'35		-4300 Dec 10 j 22:34	0° Z	
retrograde	-4300 Jan 17 j 17:26	10° Z 04'46		asc. node	-4300 Dec 20 j 23:13	16° Z 14'10	
evening set	-4300 Jan 20 j 06:24	9° Z 40'06		evening max el	-4300 Dec 23 j 18:06	19° Z 27'07	18°08'36
inferior conj	-4300 Jan 27 j 12:48	5° Z 03'01	3°56'31	retrograde	-4300 Dec 30 j 12:36	22° Z 55'46	
minimum elong	-4300 Jan 27 j 14:44	4° Z 58'59	3°56'09	evening set	-4299 Jan 02 j 04:28	22° Z 23'51	
min. Earth dist.	-4300 Jan 30 j 21:41	2° Z 16'59	0.59239 AU	inferior conj	-4299 Jan 08 j 21:38	17° Z 25'22	4°03'25
	-4300 Feb 03 j 03:44	30° R Z		minimum elong	-4299 Jan 08 j 20:53	17° Z 27'09	4°03'11
morning rise	-4300 Feb 03 j 21:01	29° Z 35'11		min. Earth dist.	-4299 Jan 11 j 23:30	14° Z 30'46	0.61240 AU
direct	-4300 Feb 10 j 05:47	27° Z 48'43		morning rise	-4299 Jan 15 j 11:59	11° Z 41'11	
desc. node	-4300 Feb 15 j 19:40	29° Z 06'04		direct	-4299 Jan 22 j 10:54	9° Z 19'18	
	-4300 Feb 17 j 13:56	0° Z		desc. node	-4299 Feb 01 j 16:44	13° Z 38'36	
morning max el	-4300 Feb 24 j 11:38	5° Z 23'38	26°52'25	morning max el	-4299 Feb 05 j 12:40	17° Z 01'12	27°34'26
	-4300 Mar 13 j 16:12	0° \approx					

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4299 Feb 16 j 08:03	0°☿				-4298 Feb 10 j 04:34	0°☿		
	-4299 Mar 06 j 05:15	0°♊			morning set	-4298 Feb 21 j 22:02	21°☿42'38		
morning set	-4299 Mar 09 j 21:11	7°♊20'30				-4298 Feb 25 j 22:47	0°♊		
max. Earth dist.	-4299 Mar 16 j 01:08	20°♊25'22	1.32678 AU		max. Earth dist.	-4298 Feb 27 j 08:38	2°♊58'44	1.33147 AU	
superior conj	-4299 Mar 17 j 03:00	22°♊46'05	-0°18'52		superior conj	-4298 Mar 01 j 11:58	7°♊33'19	-0°43'36	
minimum elong	-4299 Mar 17 j 03:51	22°♊50'42	0°18'48		minimum elong	-4298 Mar 01 j 13:52	7°♊43'36	0°43'24	
asc. node	-4299 Mar 18 j 22:37	26°♊44'02			asc. node	-4298 Mar 05 j 19:37	16°♊52'25		
	-4299 Mar 20 j 10:38	0°♋			evening rise	-4298 Mar 08 j 14:07	22°♊46'31		
evening rise	-4299 Mar 24 j 02:29	7°♋50'45				-4298 Mar 12 j 02:32	0°♋		
	-4299 Apr 04 j 18:06	0°♌				-4298 Mar 31 j 22:01	0°♌		
evening max el	-4299 Apr 19 j 10:14	19°♌25'04	25°01'50		evening max el	-4298 Apr 01 j 02:18	0°♌10'18	23°29'59	
desc. node	-4299 Apr 30 j 15:27	26°♌14'29			retrograde	-4298 Apr 14 j 16:00	6°♌53'53		
retrograde	-4299 May 03 j 11:19	26°♌33'10			desc. node	-4298 Apr 17 j 12:36	6°♌35'49		
evening set	-4299 May 08 j 12:39	25°♌34'13			evening set	-4298 Apr 18 j 09:34	6°♌23'20		
min. Earth dist.	-4299 May 13 j 22:35	22°♌40'28	0.57483 AU		min. Earth dist.	-4298 Apr 25 j 13:34	3°♌06'10	0.55981 AU	
inferior conj	-4299 May 16 j 23:15	20°♌38'02	-3°44'28		inferior conj	-4298 Apr 27 j 12:52	1°♌55'36	-2°35'26	
minimum elong	-4299 May 16 j 18:34	20°♌45'58	3°43'36		minimum elong	-4298 Apr 27 j 07:09	2°♌04'10	2°33'50	
morning rise	-4299 May 25 j 03:35	16°♌25'32				-4298 Apr 30 j 21:45	30°♋♌		
direct	-4299 May 27 j 14:50	16°♌07'35			morning rise	-4298 May 06 j 07:25	27°♋56'15		
morning max el	-4299 Jun 05 j 10:48	20°♌15'14	19°06'48		direct	-4298 May 08 j 19:01	27°♋40'51		
	-4299 Jun 13 j 00:06	0°♍				-4298 May 15 j 23:57	0°♌		
asc. node	-4299 Jun 14 j 22:20	3°♍12'58			morning max el	-4298 May 19 j 04:10	2°♌30'35	20°10'14	
morning set	-4299 Jun 22 j 06:54	17°♍03'19			asc. node	-4298 Jun 01 j 19:22	22°♌25'39		
	-4299 Jun 28 j 20:04	0°♎				-4298 Jun 05 j 16:06	0°♍		
					morning set	-4298 Jun 06 j 10:34	1°♍33'14		
superior conj	-4299 Jun 30 j 16:47	3°♎37'11	1°47'43		superior conj	-4298 Jun 14 j 06:02	17°♍28'18	1°38'59	
minimum elong	-4299 Jun 30 j 15:41	3°♎31'56	1°47'52		minimum elong	-4298 Jun 14 j 03:44	17°♍16'42	1°38'56	
max. Earth dist.	-4299 Jul 07 j 04:04	15°♎44'54	1.38370 AU		max. Earth dist.	-4298 Jun 19 j 08:51	27°♍32'02	1.36562 AU	
evening rise	-4299 Jul 11 j 01:30	22°♎40'34				-4298 Jun 20 j 15:56	0°♎		
	-4299 Jul 15 j 08:34	0°♏			evening rise	-4298 Jun 23 j 09:28	5°♎04'59		
desc. node	-4299 Jul 27 j 14:17	19°♏11'19				-4298 Jul 08 j 05:51	0°♏		
	-4299 Aug 04 j 06:49	0°♐			desc. node	-4298 Jul 14 j 11:20	9°♏09'11		
evening max el	-4299 Aug 15 j 19:00	13°♐40'19	24°42'45		evening max el	-4298 Jul 29 j 05:49	27°♏11'45	25°54'17	
retrograde	-4299 Aug 27 j 06:26	20°♐22'41				-4298 Aug 01 j 08:20	0°♐		
evening set	-4299 Sep 01 j 21:18	17°♐58'36			retrograde	-4298 Aug 10 j 15:01	4°♐17'40		
min. Earth dist.	-4299 Sep 06 j 11:36	12°♐41'32	0.67136 AU		evening set	-4298 Aug 16 j 20:41	1°♐38'14		
inferior conj	-4299 Sep 07 j 05:52	11°♐40'35	-1°13'33			-4298 Aug 18 j 13:07	30°♋♏		
minimum elong	-4299 Sep 07 j 07:35	11°♐34'54	1°12'42		min. Earth dist.	-4298 Aug 21 j 02:31	26°♏58'46	0.66548 AU	
asc. node	-4299 Sep 10 j 21:31	7°♐12'31			inferior conj	-4298 Aug 22 j 08:23	25°♏23'59	-2°04'43	
morning rise	-4299 Sep 12 j 17:50	5°♐35'54			minimum elong	-4298 Aug 22 j 11:11	25°♏15'06	2°03'30	
direct	-4299 Sep 16 j 09:50	4°♐18'16			morning rise	-4298 Aug 28 j 01:47	19°♏29'17		
morning max el	-4299 Sep 24 j 03:52	8°♐48'55	20°10'37		asc. node	-4298 Aug 28 j 18:40	19°♏05'38		
	-4299 Oct 09 j 20:41	0°♑			direct	-4298 Aug 31 j 08:09	18°♏27'43		
morning set	-4299 Oct 21 j 00:25	17°♑02'18			morning max el	-4298 Sep 07 j 09:35	22°♏28'26	19°12'13	
desc. node	-4299 Oct 23 j 14:02	21°♑01'47				-4298 Sep 13 j 11:15	0°♐		
	-4299 Oct 29 j 07:00	0°♒			morning set	-4298 Sep 30 j 07:43	25°♐46'40		
max. Earth dist.	-4299 Nov 01 j 01:28	4°♒24'42	1.43724 AU			-4298 Oct 03 j 00:17	0°♑		
					desc. node	-4298 Oct 10 j 10:57	11°♑41'34		
superior conj	-4299 Nov 06 j 10:44	13°♒07'41	-1°20'34		max. Earth dist.	-4298 Oct 14 j 17:16	18°♑24'45	1.44620 AU	
minimum elong	-4299 Nov 06 j 03:56	12°♒39'51	1°19'56						
	-4299 Nov 16 j 12:31	0°♓			superior conj	-4298 Oct 16 j 21:21	21°♑50'48	-0°39'59	
evening rise	-4299 Nov 19 j 11:02	5°♓03'04			minimum elong	-4298 Oct 16 j 16:25	21°♑31'16	0°39'19	
	-4299 Dec 04 j 21:55	0°♈				-4298 Oct 22 j 00:08	0°♒		
evening max el	-4299 Dec 07 j 06:38	2°♈42'20	18°12'55		evening rise	-4298 Oct 31 j 21:14	16°♒01'48		
asc. node	-4299 Dec 07 j 20:19	3°♈15'44				-4298 Nov 09 j 09:50	0°♓		
retrograde	-4299 Dec 13 j 19:47	6°♈12'56			evening max el	-4298 Nov 20 j 19:02	16°♓05'31	18°35'38	
evening set	-4299 Dec 16 j 15:08	5°♈32'32			asc. node	-4298 Nov 24 j 17:27	19°♓08'00		
inferior conj	-4299 Dec 22 j 21:42	0°♈13'35	3°48'33		retrograde	-4298 Nov 27 j 10:55	19°♓48'24		
minimum elong	-4299 Dec 22 j 19:14	0°♈20'14	3°48'02		evening set	-4298 Nov 30 j 11:03	18°♓57'57		
	-4299 Dec 23 j 02:46	30°♋♓			inferior conj	-4298 Dec 06 j 09:19	13°♓20'49	3°19'00	
min. Earth dist.	-4299 Dec 25 j 10:18	27°♓31'45	0.63093 AU		minimum elong	-4298 Dec 06 j 06:10	13°♓30'10	3°18'08	
morning rise	-4299 Dec 28 j 22:36	24°♓17'50			min. Earth dist.	-4298 Dec 08 j 07:07	11°♓05'48	0.64640 AU	
direct	-4298 Jan 05 j 00:18	21°♓33'41			morning rise	-4298 Dec 12 j 00:53	7°♓16'18		
morning max el	-4298 Jan 18 j 18:56	29°♓17'13	27°40'17		direct	-4298 Dec 18 j 20:27	4°♓25'17		
desc. node	-4298 Jan 19 j 13:48	0°♈			morning max el	-4297 Jan 01 j 04:12	12°♓04'04	27°11'54	
	-4298 Jan 19 j 12:02	0°♈							

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-4297 Jan 06 j 10:50	17° \mathbb{M} 51'41	direct	-4297 Dec 01 j 22:40	17° \mathbb{A} 44'42	
	-4297 Jan 15 j 14:21	0° \mathbb{A}	morning max el	-4297 Dec 14 j 13:57	25° \mathbb{A} 09'03	26°15'31
	-4297 Feb 02 j 16:10	0° \mathbb{B}		-4297 Dec 19 j 00:53	0° \mathbb{M}	
morning set	-4297 Feb 05 j 14:02	5° \mathbb{B} 33'39	desc. node	-4297 Dec 24 j 07:49	6° \mathbb{M} 35'32	
max. Earth dist.	-4297 Feb 10 j 07:38	15° \mathbb{B} 01'28	1.34028 AU	-4296 Jan 09 j 01:38	0° \mathbb{A}	
				-4296 Jan 19 j 17:14	18° \mathbb{A} 41'09	
superior conj	-4297 Feb 13 j 16:48	22° \mathbb{B} 03'32	-1°07'01	max. Earth dist.	-4296 Jan 23 j 19:16	26° \mathbb{A} 29'40
minimum elong	-4297 Feb 13 j 19:32	22° \mathbb{B} 17'58	1°06'46		-4296 Jan 25 j 13:55	0° \mathbb{B}
	-4297 Feb 17 j 10:43	0° \mathbb{A}				
asc. node	-4297 Feb 20 j 16:37	6° \mathbb{A} 51'37		superior conj	-4296 Jan 28 j 15:06	6° \mathbb{B} 09'00
evening rise	-4297 Feb 21 j 00:46	7° \mathbb{A} 34'10		minimum elong	-4296 Jan 28 j 18:12	6° \mathbb{B} 24'51
	-4297 Mar 05 j 03:12	0° \mathbb{H}		evening rise	-4296 Feb 05 j 08:33	22° \mathbb{B} 07'06
evening max el	-4297 Mar 13 j 21:35	10° \mathbb{H} 58'16	21°56'43	asc. node	-4296 Feb 07 j 13:39	26° \mathbb{B} 36'43
retrograde	-4297 Mar 26 j 09:08	17° \mathbb{H} 00'36			-4296 Feb 09 j 06:48	0° \mathbb{A}
evening set	-4297 Mar 29 j 03:07	16° \mathbb{H} 43'46		evening max el	-4296 Feb 24 j 01:28	22° \mathbb{A} 12'34
desc. node	-4297 Apr 04 j 09:47	14° \mathbb{H} 19'57		retrograde	-4296 Mar 05 j 23:18	27° \mathbb{A} 23'45
inferior conj	-4297 Apr 07 j 11:34	12° \mathbb{H} 38'38	-0°50'48	evening set	-4296 Mar 08 j 07:28	27° \mathbb{A} 10'25
minimum elong	-4297 Apr 07 j 09:13	12° \mathbb{H} 41'57	0°50'05	inferior conj	-4296 Mar 17 j 07:37	23° \mathbb{A} 12'14
min. Earth dist.	-4297 Apr 07 j 03:28	12° \mathbb{H} 50'03	0.55226 AU	minimum elong	-4296 Mar 17 j 10:27	23° \mathbb{A} 08'06
morning rise	-4297 Apr 16 j 16:19	8° \mathbb{H} 39'04		min. Earth dist.	-4296 Mar 18 j 17:34	22° \mathbb{A} 22'46
direct	-4297 Apr 19 j 09:31	8° \mathbb{H} 22'34		desc. node	-4296 Mar 21 j 06:54	20° \mathbb{A} 57'50
morning max el	-4297 May 01 j 10:37	14° \mathbb{H} 04'16	21°32'25	morning rise	-4296 Mar 26 j 12:07	18° \mathbb{A} 54'02
	-4297 May 13 j 06:50	0° \mathbb{Y}		direct	-4296 Mar 29 j 22:16	18° \mathbb{A} 28'31
asc. node	-4297 May 19 j 16:21	12° \mathbb{Y} 02'03		morning max el	-4296 Apr 12 j 07:26	25° \mathbb{A} 00'56
morning set	-4297 May 21 j 19:02	16° \mathbb{Y} 20'30			-4296 Apr 16 j 21:31	0° \mathbb{H}
	-4297 May 28 j 07:39	0° \mathbb{B}			-4296 May 04 j 15:07	0° \mathbb{Y}
				morning set	-4296 May 05 j 06:16	1° \mathbb{Y} 18'54
superior conj	-4297 May 29 j 04:45	1° \mathbb{B} 50'00	1°24'24	asc. node	-4296 May 05 j 13:20	1° \mathbb{Y} 55'49
minimum elong	-4297 May 29 j 02:03	1° \mathbb{B} 35'56	1°24'09			
max. Earth dist.	-4297 Jun 01 j 21:52	9° \mathbb{B} 26'37	1.35048 AU	superior conj	-4296 May 12 j 09:54	16° \mathbb{Y} 33'02
evening rise	-4297 Jun 06 j 11:16	18° \mathbb{B} 24'13		minimum elong	-4296 May 12 j 07:25	16° \mathbb{Y} 19'48
	-4297 Jun 12 j 18:49	0° \mathbb{II}		max. Earth dist.	-4296 May 14 j 20:44	21° \mathbb{Y} 44'16
desc. node	-4297 Jul 01 j 08:26	28° \mathbb{II} 38'41			-4296 May 18 j 21:07	0° \mathbb{B}
	-4297 Jul 02 j 09:21	0° \mathbb{B}		evening rise	-4296 May 20 j 02:02	2° \mathbb{B} 24'24
evening max el	-4297 Jul 11 j 17:05	10° \mathbb{B} 39'39	26°49'24		-4296 Jun 04 j 15:32	0° \mathbb{II}
retrograde	-4297 Jul 24 j 18:37	17° \mathbb{B} 59'04		desc. node	-4296 Jun 17 j 05:32	17° \mathbb{II} 27'48
evening set	-4297 Jul 31 j 12:55	15° \mathbb{B} 11'15		evening max el	-4296 Jun 23 j 04:02	23° \mathbb{II} 54'17
min. Earth dist.	-4297 Aug 04 j 11:00	11° \mathbb{B} 10'26	0.65598 AU		-4296 Jul 01 j 09:53	0° \mathbb{B}
inferior conj	-4297 Aug 06 j 05:54	9° \mathbb{B} 03'38	-2°51'57	retrograde	-4296 Jul 06 j 16:51	1° \mathbb{B} 19'03
minimum elong	-4297 Aug 06 j 09:27	8° \mathbb{B} 53'08	2°50'39		-4296 Jul 11 j 15:02	30° \mathbb{R} \mathbb{II}
morning rise	-4297 Aug 12 j 06:20	3° \mathbb{B} 22'13		evening set	-4296 Jul 13 j 19:07	28° \mathbb{II} 33'49
direct	-4297 Aug 15 j 05:18	2° \mathbb{B} 33'34		min. Earth dist.	-4296 Jul 17 j 11:08	25° \mathbb{II} 08'55
asc. node	-4297 Aug 15 j 15:47	2° \mathbb{B} 34'38		inferior conj	-4296 Jul 19 j 20:03	22° \mathbb{II} 35'29
morning max el	-4297 Aug 21 j 20:46	6° \mathbb{B} 13'19	18°29'38	minimum elong	-4296 Jul 19 j 23:43	22° \mathbb{II} 25'33
	-4297 Sep 07 j 03:07	0° \mathbb{Q}		morning rise	-4296 Jul 26 j 05:02	17° \mathbb{II} 10'20
morning set	-4297 Sep 10 j 15:37	5° \mathbb{Q} 43'54		direct	-4296 Jul 28 j 22:46	16° \mathbb{II} 31'42
				asc. node	-4296 Aug 01 j 12:51	17° \mathbb{II} 37'25
superior conj	-4297 Sep 25 j 20:42	0° \mathbb{P} 06'08	0°09'17	morning max el	-4296 Aug 04 j 11:04	19° \mathbb{II} 59'15
minimum elong	-4297 Sep 25 j 21:55	0° \mathbb{P} 10'57	0°09'15		-4296 Aug 11 j 22:40	0° \mathbb{B}
behind sun begin	-4297 Sep 25 j 12:30	29° \mathbb{Q} 33'46		morning set	-4296 Aug 22 j 02:30	16° \mathbb{B} 58'26
behind sun end	-4297 Sep 26 j 07:20	0° \mathbb{P} 48'08			-4296 Aug 29 j 20:09	0° \mathbb{Q}
	-4297 Sep 25 j 19:09	0° \mathbb{P}				
desc. node	-4297 Sep 27 j 07:53	2° \mathbb{P} 25'01		superior conj	-4296 Sep 04 j 07:45	8° \mathbb{Q} 59'40
max. Earth dist.	-4297 Sep 27 j 11:33	2° \mathbb{P} 39'27	1.44800 AU	minimum elong	-4296 Sep 04 j 13:16	9° \mathbb{Q} 21'59
evening rise	-4297 Oct 12 j 06:26	25° \mathbb{P} 55'55		max. Earth dist.	-4296 Sep 09 j 04:34	16° \mathbb{Q} 48'42
	-4297 Oct 14 j 20:21	0° \mathbb{A}		desc. node	-4296 Sep 13 j 04:51	23° \mathbb{Q} 09'26
greatest brilliancy	-4297 Oct 21 j 18:40	10° \mathbb{A} 52'48	-0.8m		-4296 Sep 17 j 13:52	0° \mathbb{P}
evening max el	-4297 Nov 04 j 04:41	29° \mathbb{A} 31'19	19°15'31	evening rise	-4296 Sep 20 j 17:49	4° \mathbb{P} 54'32
	-4297 Nov 04 j 16:02	0° \mathbb{M}		greatest brilliancy	-4296 Oct 04 j 06:52	25° \mathbb{P} 31'13
retrograde	-4297 Nov 11 j 06:28	3° \mathbb{M} 35'27			-4296 Oct 07 j 08:16	0° \mathbb{A}
asc. node	-4297 Nov 11 j 14:36	3° \mathbb{M} 34'48		evening max el	-4296 Oct 17 j 09:33	12° \mathbb{A} 57'38
evening set	-4297 Nov 14 j 13:12	2° \mathbb{M} 32'52		retrograde	-4296 Oct 25 j 03:40	17° \mathbb{A} 30'43
	-4297 Nov 17 j 10:57	30° \mathbb{R} \mathbb{A}		asc. node	-4296 Oct 28 j 11:44	16° \mathbb{A} 26'06
inferior conj	-4297 Nov 20 j 05:11	26° \mathbb{A} 40'40	2°39'32	evening set	-4296 Oct 28 j 19:10	16° \mathbb{A} 13'28
minimum elong	-4297 Nov 20 j 02:08	26° \mathbb{A} 50'23	2°38'30	inferior conj	-4296 Nov 03 j 06:40	10° \mathbb{A} 09'37
min. Earth dist.	-4297 Nov 21 j 13:05	24° \mathbb{A} 59'17	0.65830 AU	minimum elong	-4296 Nov 03 j 04:15	10° \mathbb{A} 17'40
morning rise	-4297 Nov 25 j 14:48	20° \mathbb{A} 29'45		min. Earth dist.	-4296 Nov 04 j 02:13	9° \mathbb{A} 04'13
						0.66674 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning rise	-4296 Nov 08 j 13:07	3° Ω 54'54		min. Earth dist.	-4295 Oct 18 j 20:07	23° Π 15'51	0.67193 AU
direct	-4296 Nov 14 j 06:36	1° Ω 24'44		morning rise	-4295 Oct 23 j 17:11	17° Π 29'29	
morning max el	-4296 Nov 25 j 22:51	8° Ω 21'26	24°59'49	direct	-4295 Oct 28 j 19:29	15° Π 19'15	
desc. node	-4296 Dec 10 j 04:46	25° Ω 59'35		morning max el	-4295 Nov 08 j 07:54	21° Π 36'19	23°34'42
	-4296 Dec 12 j 23:58	0° Π			-4295 Nov 15 j 13:55	0° Ω	
	-4296 Dec 31 j 15:05	0° \mathcal{A}		desc. node	-4295 Nov 27 j 01:43	15° Ω 52'25	
morning set	-4295 Jan 01 j 02:22	0° \mathcal{A} 50'04			-4295 Dec 06 j 07:22	0° Π	
max. Earth dist.	-4295 Jan 04 j 19:52	7° \mathcal{A} 36'05	1.37079 AU	morning set	-4295 Dec 13 j 11:20	11° Π 44'24	
				max. Earth dist.	-4295 Dec 17 j 15:30	18° Π 55'17	1.39100 AU
					-4295 Dec 23 j 19:04	0° \mathcal{A}	
superior conj	-4295 Jan 11 j 03:52	19° \mathcal{A} 41'01	-1°44'00				
minimum elong	-4295 Jan 11 j 06:31	19° \mathcal{A} 54'05	1°43'59				
	-4295 Jan 16 j 08:04	0° \mathcal{B}		superior conj	-4295 Dec 25 j 03:07	2° \mathcal{A} 29'07	-1°53'12
evening rise	-4295 Jan 19 j 11:22	6° \mathcal{B} 18'52		minimum elong	-4295 Dec 25 j 04:09	2° \mathcal{A} 33'55	1°53'20
asc. node	-4295 Jan 24 j 10:42	16° \mathcal{B} 01'45		evening rise	-4294 Jan 03 j 06:44	20° \mathcal{A} 03'15	
	-4295 Feb 02 j 01:37	0° \approx			-4294 Jan 08 j 12:13	0° \mathcal{B}	
evening max el	-4295 Feb 05 j 15:58	4° \approx 02'53	19°27'49	asc. node	-4294 Jan 11 j 07:44	4° \mathcal{B} 59'49	
retrograde	-4295 Feb 14 j 22:10	8° \approx 26'41		evening max el	-4294 Jan 19 j 16:04	16° \mathcal{B} 27'05	18°41'18
evening set	-4295 Feb 17 j 06:28	8° \approx 11'01		retrograde	-4294 Jan 27 j 14:16	20° \mathcal{B} 17'25	
inferior conj	-4295 Feb 25 j 14:45	4° \approx 04'27	2°40'32	evening set	-4294 Jan 30 j 01:43	19° \mathcal{B} 56'20	
minimum elong	-4295 Feb 25 j 19:49	3° \approx 56'09	2°39'03	inferior conj	-4294 Feb 06 j 17:00	15° \mathcal{B} 31'38	3°39'12
min. Earth dist.	-4295 Feb 28 j 08:25	2° \approx 17'46	0.56434 AU	minimum elong	-4294 Feb 06 j 20:35	15° \mathcal{B} 24'51	3°38'28
	-4295 Mar 04 j 11:25	30° \mathcal{R} \mathcal{B}		min. Earth dist.	-4294 Feb 10 j 01:05	13° \mathcal{B} 01'17	0.58121 AU
morning rise	-4295 Mar 06 j 06:31	29° \mathcal{B} 16'46		morning rise	-4294 Feb 14 j 13:01	10° \mathcal{B} 16'44	
desc. node	-4295 Mar 08 j 04:01	28° \mathcal{B} 45'25		direct	-4294 Feb 20 j 08:47	8° \mathcal{B} 52'49	
direct	-4295 Mar 10 j 20:56	28° \mathcal{B} 28'31		desc. node	-4294 Feb 23 j 01:06	9° \mathcal{B} 10'28	
	-4295 Mar 17 j 04:47	0° \approx		morning max el	-4294 Mar 06 j 14:46	16° \mathcal{B} 20'49	26°13'14
morning max el	-4295 Mar 24 j 22:47	5° \approx 37'21	24°46'23		-4294 Mar 17 j 18:11	0° \approx	
	-4295 Apr 11 j 10:21	0° \mathcal{H}			-4294 Apr 03 j 14:17	0° \mathcal{H}	
morning set	-4295 Apr 19 j 18:30	16° \mathcal{H} 21'28		morning set	-4294 Apr 04 j 06:03	1° \mathcal{H} 22'15	
asc. node	-4295 Apr 22 j 10:17	22° \mathcal{H} 00'54		asc. node	-4294 Apr 09 j 07:16	12° \mathcal{H} 12'43	
	-4295 Apr 26 j 02:44	0° \mathcal{Y}					
				superior conj	-4294 Apr 11 j 06:21	16° \mathcal{H} 30'05	0°20'20
superior conj	-4295 Apr 26 j 19:04	1° \mathcal{Y} 28'37	0°43'58	minimum elong	-4294 Apr 11 j 05:28	16° \mathcal{H} 25'13	0°20'05
minimum elong	-4295 Apr 26 j 17:14	1° \mathcal{Y} 18'44	0°43'37	max. Earth dist.	-4294 Apr 11 j 15:57	17° \mathcal{H} 22'33	1.32691 AU
max. Earth dist.	-4295 Apr 28 j 03:46	4° \mathcal{Y} 25'26	1.33120 AU		-4294 Apr 17 j 12:46	0° \mathcal{Y}	
evening rise	-4295 May 04 j 01:50	16° \mathcal{Y} 52'35		evening rise	-4294 Apr 18 j 07:45	1° \mathcal{Y} 38'58	
	-4295 May 10 j 20:13	0° \mathcal{B}			-4294 May 03 j 20:37	0° \mathcal{B}	
	-4295 May 30 j 09:04	0° Π		evening max el	-4294 May 18 j 17:03	18° \mathcal{B} 55'21	26°50'39
desc. node	-4295 Jun 04 j 02:39	5° Π 18'33		desc. node	-4294 May 21 j 23:45	21° \mathcal{B} 46'32	
evening max el	-4295 Jun 05 j 12:48	6° Π 43'08	27°22'04	retrograde	-4294 Jun 01 j 17:37	26° \mathcal{B} 15'56	
retrograde	-4295 Jun 19 j 09:00	14° Π 07'26		evening set	-4294 Jun 08 j 10:19	24° \mathcal{B} 17'30	
evening set	-4295 Jun 26 j 11:38	11° Π 38'50		min. Earth dist.	-4294 Jun 12 j 06:35	21° \mathcal{B} 34'38	0.60604 AU
min. Earth dist.	-4295 Jun 30 j 01:41	8° Π 41'45	0.62564 AU	inferior conj	-4294 Jun 15 j 14:04	18° \mathcal{B} 46'56	-4°16'55
inferior conj	-4295 Jul 02 j 23:54	5° Π 52'35	-4°02'55	minimum elong	-4294 Jun 15 j 14:37	18° \mathcal{B} 45'46	4°16'46
minimum elong	-4295 Jul 03 j 02:41	5° Π 45'49	4°02'23	morning rise	-4294 Jun 22 j 20:48	14° \mathcal{B} 01'43	
morning rise	-4295 Jul 09 j 18:58	0° Π 46'21		direct	-4294 Jun 25 j 09:41	13° \mathcal{B} 36'29	
direct	-4295 Jul 12 j 09:30	0° Π 15'18		morning max el	-4294 Jul 02 j 14:02	17° \mathcal{B} 07'16	18°08'10
morning max el	-4295 Jul 19 j 01:44	3° Π 39'30	17°56'39	asc. node	-4294 Jul 06 j 06:54	21° \mathcal{B} 26'45	
asc. node	-4295 Jul 19 j 09:53	3° Π 59'56			-4294 Jul 11 j 18:11	0° Π	
morning set	-4295 Aug 04 j 11:51	29° Π 17'13		morning set	-4294 Jul 18 j 14:17	12° Π 26'07	
	-4295 Aug 04 j 21:27	0° \mathcal{E}			-4294 Jul 28 j 03:22	0° \mathcal{E}	
superior conj	-4295 Aug 15 j 20:32	19° \mathcal{E} 09'37	1°26'37	superior conj	-4294 Jul 28 j 12:14	0° \mathcal{E} 39'38	1°44'12
minimum elong	-4295 Aug 16 j 01:46	19° \mathcal{E} 31'47	1°26'20	minimum elong	-4294 Jul 28 j 14:53	0° \mathcal{E} 51'26	1°44'16
	-4295 Aug 22 j 09:01	0° Ω		max. Earth dist.	-4294 Aug 05 j 01:26	13° \mathcal{E} 45'20	1.41405 AU
max. Earth dist.	-4295 Aug 22 j 17:35	0° Ω 34'51	1.43071 AU	evening rise	-4294 Aug 10 j 14:27	22° \mathcal{E} 53'29	
evening rise	-4295 Aug 30 j 21:46	13° Ω 35'34			-4294 Aug 15 j 01:49	0° Ω	
desc. node	-4295 Aug 31 j 01:49	13° Ω 51'24		desc. node	-4294 Aug 17 j 22:49	4° Ω 27'16	
	-4295 Sep 10 j 16:11	0° Π			-4294 Sep 04 j 17:57	0° Π	
evening max el	-4295 Sep 30 j 08:26	26° Π 23'35	21°19'15	evening max el	-4294 Sep 13 j 01:21	9° Π 48'55	22°36'37
	-4295 Oct 04 j 14:14	0° Ω		retrograde	-4294 Sep 22 j 18:58	15° Π 35'24	
retrograde	-4295 Oct 09 j 00:23	1° Ω 31'43		evening set	-4294 Sep 27 j 10:43	13° Π 41'31	
evening set	-4295 Oct 13 j 02:58	29° Π 57'10		asc. node	-4294 Oct 02 j 05:57	8° Π 06'17	
	-4295 Oct 13 j 01:29	30° \mathcal{R} Π		inferior conj	-4294 Oct 02 j 18:02	7° Π 24'36	0°10'21
asc. node	-4295 Oct 15 j 08:50	27° Π 46'46		minimum elong	-4294 Oct 02 j 17:48	7° Π 25'27	0°10'19
inferior conj	-4295 Oct 18 j 11:35	23° Π 45'09	1°03'06	transit middle	-4294 Oct 02 j 17:48	7° Π 25'27	0°10'19
minimum elong	-4295 Oct 18 j 10:10	23° Π 50'02	1°02'32	transit begin	-4294 Oct 02 j 15:42	7° Π 32'40	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

transit end	-4294 Oct 02 j 19:53	7° \mathbb{M} 18'13		evening max el	-4293 Aug 26 j 13:50	23° \mathcal{Q} 15'37	23°57'24
min. Earth dist.	-4294 Oct 02 j 16:12	7° \mathbb{M} 30'56	0.67409 AU	retrograde	-4293 Sep 06 j 10:22	29° \mathcal{Q} 39'26	
morning rise	-4294 Oct 08 j 00:45	1° \mathbb{M} 10'59		evening set	-4293 Sep 11 j 16:44	27° \mathcal{Q} 25'41	
	-4294 Oct 09 j 20:25	30° \mathcal{R} \mathcal{Q}		min. Earth dist.	-4293 Sep 16 j 12:10	21° \mathcal{Q} 48'30	0.67325 AU
direct	-4294 Oct 12 j 12:27	29° \mathcal{Q} 22'19		inferior conj	-4293 Sep 17 j 00:20	21° \mathcal{Q} 07'08	-0°43'06
	-4294 Oct 15 j 08:40	0° \mathbb{M}		minimum elong	-4293 Sep 17 j 01:21	21° \mathcal{Q} 03'43	0°42'33
morning max el	-4294 Oct 21 j 20:14	4° \mathbb{M} 54'57	22°09'15	asc. node	-4293 Sep 19 j 03:04	18° \mathcal{Q} 19'55	
	-4294 Nov 09 j 21:04	0° \mathcal{Q}		morning rise	-4293 Sep 22 j 09:56	14° \mathcal{Q} 58'30	
desc. node	-4294 Nov 13 j 22:40	6° \mathcal{Q} 05'03		direct	-4293 Sep 26 j 08:30	13° \mathcal{Q} 30'23	
morning set	-4294 Nov 23 j 15:40	21° \mathcal{Q} 14'21		morning max el	-4293 Oct 04 j 14:51	18° \mathcal{Q} 21'36	20°50'45
	-4294 Nov 28 j 24:00	0° \mathbb{M}			-4293 Oct 13 j 23:07	0° \mathbb{M}	
max. Earth dist.	-4294 Nov 29 j 14:22	1° \mathbb{M} 00'04	1.41149 AU	desc. node	-4293 Oct 31 j 19:37	26° \mathbb{M} 31'53	
				morning set	-4293 Nov 02 j 20:09	29° \mathbb{M} 40'11	
superior conj	-4294 Dec 07 j 07:38	14° \mathbb{M} 18'51	-1°52'03		-4293 Nov 03 j 01:14	0° \mathcal{Q}	
minimum elong	-4294 Dec 07 j 05:38	14° \mathbb{M} 09'58	1°52'07	max. Earth dist.	-4293 Nov 11 j 20:25	13° \mathcal{Q} 59'02	1.42923 AU
	-4294 Dec 15 j 22:11	0° \mathcal{Q}					
evening rise	-4294 Dec 17 j 15:29	3° \mathcal{Q} 12'10		superior conj	-4293 Nov 18 j 11:44	24° \mathcal{Q} 56'46	-1°36'51
asc. node	-4294 Dec 29 j 04:49	23° \mathcal{Q} 21'26		minimum elong	-4293 Nov 18 j 06:09	24° \mathcal{Q} 33'16	1°36'30
evening max el	-4293 Jan 02 j 23:10	29° \mathcal{Q} 16'37	18°14'47		-4293 Nov 21 j 11:14	0° \mathbb{M}	
	-4293 Jan 03 j 17:47	0° \mathcal{Q}		evening rise	-4293 Nov 30 j 09:50	15° \mathbb{M} 38'09	
retrograde	-4293 Jan 10 j 00:39	2° \mathcal{Q} 49'13			-4293 Dec 08 j 14:51	0° \mathcal{Q}	
evening set	-4293 Jan 12 j 14:59	2° \mathcal{Q} 21'25		asc. node	-4293 Dec 16 j 01:54	10° \mathcal{Q} 55'59	
	-4293 Jan 16 j 17:40	30° \mathcal{R} \mathcal{Q}		evening max el	-4293 Dec 17 j 10:28	12° \mathcal{Q} 24'09	18°08'02
inferior conj	-4293 Jan 19 j 15:22	27° \mathcal{Q} 34'59	4°02'35	retrograde	-4293 Dec 24 j 01:41	15° \mathcal{Q} 52'32	
minimum elong	-4293 Jan 19 j 16:06	27° \mathcal{Q} 33'24	4°02'22	evening set	-4293 Dec 26 j 18:53	15° \mathcal{Q} 17'10	
min. Earth dist.	-4293 Jan 22 j 22:18	24° \mathcal{Q} 42'44	0.60101 AU	inferior conj	-4292 Jan 02 j 07:12	10° \mathcal{Q} 09'24	3°59'16
morning rise	-4293 Jan 26 j 15:34	21° \mathcal{Q} 59'43		minimum elong	-4292 Jan 02 j 05:35	10° \mathcal{Q} 13'28	3°58'58
direct	-4293 Feb 02 j 07:55	19° \mathcal{Q} 57'16		min. Earth dist.	-4292 Jan 05 j 03:41	7° \mathcal{Q} 18'14	0.62059 AU
desc. node	-4293 Feb 09 j 22:10	22° \mathcal{Q} 20'34		morning rise	-4292 Jan 08 j 15:17	4° \mathcal{Q} 19'40	
morning max el	-4293 Feb 16 j 12:04	27° \mathcal{Q} 34'46	27°14'33	direct	-4292 Jan 15 j 16:27	1° \mathcal{Q} 46'48	
	-4293 Feb 18 j 20:29	0° \mathcal{Q}		desc. node	-4292 Jan 27 j 19:15	7° \mathcal{Q} 45'36	
	-4293 Mar 11 j 07:15	0° \approx		morning max el	-4292 Jan 29 j 15:47	9° \mathcal{Q} 29'47	27°41'23
morning set	-4293 Mar 19 j 15:09	16° \approx 14'06			-4292 Feb 14 j 14:53	0° \mathcal{Q}	
max. Earth dist.	-4293 Mar 26 j 05:30	0° \mathcal{H} 21'59	1.32591 AU		-4292 Mar 02 j 09:57	0° \approx	
	-4293 Mar 26 j 01:28	0° \mathcal{H}		morning set	-4292 Mar 02 j 19:46	0° \approx 49'53	
				max. Earth dist.	-4292 Mar 08 j 16:27	13° \approx 09'21	1.32835 AU
superior conj	-4293 Mar 26 j 18:03	1° \mathcal{H} 30'39	-0°04'27				
minimum elong	-4293 Mar 26 j 18:15	1° \mathcal{H} 31'46	0°04'30	superior conj	-4292 Mar 10 j 04:33	16° \approx 24'35	-0°29'27
behind sun begin	-4293 Mar 26 j 13:26	1° \mathcal{H} 05'20		minimum elong	-4292 Mar 10 j 05:51	16° \approx 31'43	0°29'19
behind sun end	-4293 Mar 26 j 23:05	1° \mathcal{H} 58'11		asc. node	-4292 Mar 13 j 01:15	22° \approx 37'58	
asc. node	-4293 Mar 27 j 04:15	2° \mathcal{H} 26'27			-4292 Mar 16 j 11:24	0° \mathcal{H}	
evening rise	-4293 Apr 02 j 17:23	16° \mathcal{H} 34'31		evening rise	-4292 Mar 17 j 04:50	1° \mathcal{H} 32'09	
	-4293 Apr 09 j 11:03	0° \mathcal{Y}			-4292 Apr 01 j 22:56	0° \mathcal{Y}	
	-4293 Apr 30 j 04:36	0° \mathcal{B}		evening max el	-4292 Apr 11 j 07:44	11° \mathcal{Y} 20'03	24°23'40
evening max el	-4293 Apr 30 j 15:00	0° \mathcal{B} 25'10	25°48'25	desc. node	-4292 Apr 24 j 18:01	18° \mathcal{Y} 19'46	
desc. node	-4293 May 08 j 20:52	6° \mathcal{B} 19'10		retrograde	-4292 Apr 25 j 05:23	18° \mathcal{Y} 20'17	
retrograde	-4293 May 14 j 17:02	7° \mathcal{B} 39'39		evening set	-4292 Apr 29 j 17:12	17° \mathcal{Y} 34'53	
evening set	-4293 May 20 j 11:53	6° \mathcal{B} 19'07		min. Earth dist.	-4292 May 05 j 19:37	14° \mathcal{Y} 32'38	0.56770 AU
min. Earth dist.	-4293 May 25 j 03:28	3° \mathcal{B} 33'59	0.58573 AU	inferior conj	-4292 May 08 j 11:48	12° \mathcal{Y} 50'32	-3°20'09
inferior conj	-4293 May 28 j 10:55	1° \mathcal{B} 09'02	-4°06'02	minimum elong	-4292 May 08 j 06:12	12° \mathcal{Y} 59'29	3°18'53
minimum elong	-4293 May 28 j 08:06	1° \mathcal{B} 14'13	4°05'39	morning rise	-4292 May 16 j 22:23	8° \mathcal{Y} 45'17	
	-4293 May 30 j 01:11	30° \mathcal{R} \mathcal{Y}		direct	-4292 May 19 j 09:32	8° \mathcal{Y} 28'43	
morning rise	-4293 Jun 05 j 06:59	26° \mathcal{Y} 45'30		morning max el	-4292 May 28 j 20:21	12° \mathcal{Y} 52'08	19°31'27
direct	-4293 Jun 07 j 18:58	26° \mathcal{Y} 25'04		asc. node	-4292 Jun 09 j 00:59	28° \mathcal{Y} 39'04	
	-4293 Jun 15 j 14:51	0° \mathcal{B}			-4292 Jun 09 j 18:44	0° \mathcal{B}	
morning max el	-4293 Jun 15 j 21:10	0° \mathcal{B} 14'40	18°39'37	morning set	-4292 Jun 15 j 05:05	10° \mathcal{B} 30'31	
asc. node	-4293 Jun 23 j 03:57	9° \mathcal{B} 43'53					
morning set	-4293 Jul 02 j 05:14	26° \mathcal{B} 13'49		superior conj	-4292 Jun 23 j 08:10	26° \mathcal{B} 45'55	1°44'52
	-4293 Jul 04 j 03:49	0° \mathbb{I}		minimum elong	-4292 Jun 23 j 06:27	26° \mathcal{B} 37'29	1°44'56
					-4292 Jun 24 j 23:56	0° \mathbb{I}	
superior conj	-4293 Jul 11 j 02:02	13° \mathbb{I} 17'17	1°49'18	max. Earth dist.	-4292 Jun 29 j 06:29	8° \mathbb{I} 06'49	1.37565 AU
minimum elong	-4293 Jul 11 j 02:05	13° \mathbb{I} 17'29	1°49'29	evening rise	-4292 Jul 03 j 03:14	15° \mathbb{I} 08'47	
max. Earth dist.	-4293 Jul 18 j 04:30	26° \mathbb{I} 13'20	1.39483 AU		-4292 Jul 11 j 21:07	0° \mathcal{B}	
	-4293 Jul 20 j 08:30	0° \mathcal{B}		desc. node	-4292 Jul 21 j 16:51	15° \mathcal{B} 02'59	
evening rise	-4293 Jul 22 j 08:02	3° \mathcal{B} 23'12			-4292 Aug 01 j 21:43	0° \mathcal{Q}	
desc. node	-4293 Aug 04 j 19:49	24° \mathcal{B} 53'02		evening max el	-4292 Aug 08 j 00:24	6° \mathcal{Q} 44'46	25°14'37
	-4293 Aug 08 j 07:07	0° \mathcal{Q}		retrograde	-4292 Aug 19 j 21:46	13° \mathcal{Q} 39'02	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening set	-4292 Aug 25 j 19:07	11°Ω07'30		min. Earth dist.	-4291 Aug 13 j 18:09	20°☿21'40	0.66188 AU
min. Earth dist.	-4292 Aug 30 j 05:36	6°Ω06'21	0.66926 AU	inferior conj	-4291 Aug 15 j 05:24	18°☿32'46	-2°25'23
inferior conj	-4292 Aug 31 j 04:45	4°Ω50'32	-1°35'37	minimum elong	-4291 Aug 15 j 08:34	18°☿22'58	2°24'06
minimum elong	-4292 Aug 31 j 06:57	4°Ω43'20	1°34'35	morning rise	-4291 Aug 21 j 01:36	12°☿43'12	
	-4292 Sep 04 j 07:57	30°☿		asc. node	-4291 Aug 22 j 21:22	11°☿57'11	
asc. node	-4292 Sep 05 j 00:13	29°☿24'34		direct	-4291 Aug 24 j 04:26	11°☿47'37	
morning rise	-4292 Sep 05 j 18:52	28°☿49'54		morning max el	-4291 Aug 31 j 00:59	15°☿38'46	18°51'59
direct	-4292 Sep 09 j 06:24	27°☿39'42			-4291 Sep 10 j 15:15	0°Ω	
	-4292 Sep 14 j 14:06	0°Ω		morning set	-4291 Sep 21 j 12:05	17°Ω09'51	
morning max el	-4292 Sep 16 j 16:43	1°Ω56'42	19°43'59		-4291 Sep 29 j 14:27	0°☿	
	-4292 Oct 06 j 15:56	0°☿		desc. node	-4291 Oct 04 j 13:29	7°☿49'18	
morning set	-4292 Oct 11 j 19:31	7°☿58'02		max. Earth dist.	-4291 Oct 07 j 01:27	11°☿45'35	1.44783 AU
desc. node	-4292 Oct 17 j 16:34	17°☿07'49					
max. Earth dist.	-4292 Oct 24 j 08:51	27°☿39'38	1.44182 AU	superior conj	-4291 Oct 07 j 15:22	12°☿40'27	-0°19'24
	-4292 Oct 25 j 20:06	0°♄		minimum elong	-4291 Oct 07 j 12:50	12°☿30'28	0°19'00
					-4291 Oct 18 j 13:38	0°♄	
superior conj	-4292 Oct 28 j 12:10	4°♄16'45	-1°05'04	evening rise	-4291 Oct 23 j 08:40	7°♄41'34	
minimum elong	-4292 Oct 28 j 05:27	3°♄49'42	1°04'19		-4291 Nov 06 j 10:12	0°♄	
evening rise	-4292 Nov 11 j 09:03	27°♄10'59		evening max el	-4291 Nov 13 j 10:41	9°♄07'26	18°50'41
	-4292 Nov 13 j 01:03	0°♄		asc. node	-4291 Nov 18 j 20:09	12°♄47'13	
evening max el	-4292 Nov 29 j 23:12	25°♄42'56	18°20'24	retrograde	-4291 Nov 20 j 06:03	12°♄58'21	
asc. node	-4292 Dec 01 j 23:00	27°♄29'49		evening set	-4291 Nov 23 j 08:41	12°♄03'09	
retrograde	-4292 Dec 06 j 12:47	29°♄17'58		inferior conj	-4291 Nov 29 j 04:04	6°♄19'32	3°03'16
evening set	-4292 Dec 09 j 09:51	28°♄33'42		minimum elong	-4291 Nov 29 j 00:53	6°♄29'18	3°02'17
inferior conj	-4292 Dec 15 j 12:38	23°♄06'44	3°37'31	min. Earth dist.	-4291 Nov 30 j 19:54	4°♄17'58	0.65187 AU
minimum elong	-4292 Dec 15 j 09:45	23°♄14'49	3°36'50	morning rise	-4291 Dec 04 j 16:43	0°♄12'00	
min. Earth dist.	-4292 Dec 17 j 18:59	20°♄34'45	0.63786 AU		-4291 Dec 04 j 22:22	30°☿♄	
morning rise	-4292 Dec 21 j 09:03	17°♄06'38		direct	-4291 Dec 11 j 07:56	27°♄21'45	
direct	-4292 Dec 28 j 08:54	14°♄17'39			-4291 Dec 18 j 13:10	0°♄	
morning max el	-4291 Jan 10 j 23:52	22°♄01'08	27°32'10	morning max el	-4291 Dec 24 j 09:24	4°♄56'24	26°50'53
desc. node	-4291 Jan 13 j 16:20	24°♄49'41		desc. node	-4291 Dec 31 j 13:21	13°♄03'16	
	-4291 Jan 18 j 01:33	0°♄			-4290 Jan 12 j 14:59	0°♄	
	-4291 Feb 06 j 17:46	0°♄		morning set	-4290 Jan 29 j 04:27	28°♄35'12	
morning set	-4291 Feb 14 j 17:22	15°♄00'58			-4290 Jan 29 j 22:06	0°♄	
max. Earth dist.	-4291 Feb 19 j 20:48	25°♄31'18	1.33463 AU	max. Earth dist.	-4290 Feb 02 j 14:51	7°♄17'31	1.34525 AU
	-4291 Feb 21 j 23:40	0°♄					
				superior conj	-4290 Feb 06 j 14:25	15°♄26'52	-1°16'15
superior conj	-4291 Feb 22 j 12:03	1°♄05'59	-0°53'45	minimum elong	-4290 Feb 06 j 17:24	15°♄42'18	1°16'00
minimum elong	-4291 Feb 22 j 14:22	1°♄18'16	0°53'31		-4290 Feb 13 j 12:54	0°♄	
asc. node	-4291 Feb 27 j 22:15	12°♄43'20		evening rise	-4290 Feb 14 j 01:55	1°♄07'37	
evening rise	-4291 Mar 01 j 16:17	16°♄25'36		asc. node	-4290 Feb 14 j 19:16	2°♄37'14	
	-4291 Mar 08 j 12:04	0°♄			-4290 Mar 03 j 02:23	0°♄	
evening max el	-4291 Mar 24 j 00:23	22°♄03'42	22°49'43	evening max el	-4290 Mar 05 j 23:01	3°♄01'39	21°19'50
retrograde	-4291 Apr 06 j 05:19	28°♄32'21		retrograde	-4290 Mar 17 j 19:33	8°♄42'08	
evening set	-4291 Apr 09 j 10:58	28°♄09'25		evening set	-4290 Mar 20 j 07:35	8°♄27'50	
desc. node	-4291 Apr 11 j 15:10	27°♄30'02		inferior conj	-4290 Mar 29 j 14:00	4°♄28'15	-0°01'10
min. Earth dist.	-4291 Apr 17 j 10:16	24°♄38'23	0.55548 AU	minimum elong	-4290 Mar 29 j 13:57	4°♄28'20	0°01'14
inferior conj	-4291 Apr 18 j 18:09	23°♄52'21	-1°54'29	transit middle	-4290 Mar 29 j 13:57	4°♄28'20	0°01'14
minimum elong	-4291 Apr 18 j 13:20	23°♄59'19	1°53'01	transit begin	-4290 Mar 29 j 09:51	4°♄34'07	
morning rise	-4291 Apr 27 j 17:53	19°♄54'57		transit end	-4290 Mar 29 j 18:02	4°♄22'34	
direct	-4291 Apr 30 j 06:32	19°♄39'52		desc. node	-4290 Mar 29 j 12:19	4°♄30'38	
morning max el	-4291 May 11 j 09:20	24°♄51'25	20°43'05	min. Earth dist.	-4290 Mar 30 j 00:29	4°♄13'28	0.55181 AU
	-4291 May 16 j 00:07	0°♄		morning rise	-4290 Apr 07 j 20:09	0°♄22'27	
asc. node	-4291 May 26 j 22:00	18°♄03'02		direct	-4290 Apr 10 j 19:03	0°♄03'18	
morning set	-4291 May 30 j 11:04	25°♄08'54		morning max el	-4290 Apr 23 j 11:19	6°♄08'07	22°11'44
	-4291 Jun 01 j 19:36	0°♄			-4290 May 09 j 20:52	0°♄	
				asc. node	-4290 May 13 j 18:58	7°♄47'28	
superior conj	-4291 Jun 07 j 01:56	10°♄51'59	1°33'24	morning set	-4290 May 14 j 20:56	10°♄01'31	
minimum elong	-4291 Jun 06 j 23:22	10°♄38'54	1°33'16				
max. Earth dist.	-4291 Jun 11 j 13:58	19°♄53'04	1.35874 AU	superior conj	-4290 May 22 j 03:42	25°♄23'39	1°16'53
evening rise	-4291 Jun 15 j 19:31	27°♄59'02		minimum elong	-4290 May 22 j 01:01	25°♄09'34	1°16'35
	-4291 Jun 16 j 21:36	0°♄			-4290 May 24 j 08:38	0°♄	
	-4291 Jul 05 j 03:44	0°☿		max. Earth dist.	-4290 May 25 j 07:11	1°♄56'18	1.34521 AU
desc. node	-4291 Jul 08 j 13:53	4°☿50'02		evening rise	-4290 May 30 j 03:24	11°♄37'37	
evening max el	-4291 Jul 21 j 11:18	20°☿15'21	26°20'10		-4290 Jun 09 j 06:18	0°♄	
retrograde	-4291 Aug 03 j 04:28	27°☿28'56		desc. node	-4290 Jun 25 j 10:58	24°♄04'04	
evening set	-4291 Aug 09 j 15:46	24°☿44'51			-4290 Jun 30 j 10:15	0°☿	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-4290 Jul 03 j 22:48	3° ☿ 39'48	27°06'02	evening max el	-4289 Jun 16 j 09:18	16° ♊ 45'25	27°25'07
retrograde	-4290 Jul 17 j 05:51	11° ☿ 02'00		retrograde	-4289 Jun 30 j 01:18	24° ♊ 09'28	
evening set	-4290 Jul 24 j 04:07	8° ☿ 14'09		evening set	-4289 Jul 07 j 04:56	21° ♊ 29'42	
min. Earth dist.	-4290 Jul 27 j 23:27	4° ☿ 28'51	0.65078 AU	min. Earth dist.	-4289 Jul 10 j 19:32	18° ♊ 17'59	0.63586 AU
inferior conj	-4290 Jul 30 j 00:07	2° ☿ 10'05	-3°10'12	inferior conj	-4289 Jul 13 j 10:16	15° ♊ 36'29	-3°47'03
minimum elong	-4290 Jul 30 j 03:49	1° ☿ 59'31	3°08'59	minimum elong	-4289 Jul 13 j 13:43	15° ♊ 27'34	3°46'13
	-4290 Jul 31 j 23:05	30° ♊		morning rise	-4289 Jul 19 j 23:20	10° ♊ 18'56	
morning rise	-4290 Aug 05 j 03:58	26° ♊ 34'54		direct	-4289 Jul 22 j 15:36	9° ♊ 43'38	
direct	-4290 Aug 08 j 00:28	25° ♊ 50'46		asc. node	-4289 Jul 27 j 15:29	11° ♊ 45'40	
asc. node	-4290 Aug 09 j 18:27	26° ♊ 07'14		morning max el	-4289 Jul 29 j 04:27	13° ♊ 08'20	17°58'40
morning max el	-4290 Aug 14 j 13:43	29° ♊ 24'23	18°16'32		-4289 Aug 09 j 18:15	0° ☿	
	-4290 Aug 15 j 03:23	0° ☿		morning set	-4289 Aug 15 j 04:57	9° ☿ 25'23	
morning set	-4290 Sep 02 j 07:49	27° ☿ 41'25			-4289 Aug 27 j 07:22	0° ♎	
	-4290 Sep 03 j 17:19	0° ♎		superior conj	-4289 Aug 27 j 14:09	0° ♎ 28'01	1°09'55
superior conj	-4290 Sep 16 j 17:04	21° ♎ 04'46	0°29'38	minimum elong	-4289 Aug 27 j 20:01	0° ♎ 52'12	1°09'28
minimum elong	-4290 Sep 16 j 20:40	21° ♎ 19'04	0°29'18	max. Earth dist.	-4289 Sep 02 j 11:53	10° ♎ 04'24	1.43827 AU
max. Earth dist.	-4290 Sep 19 j 19:36	26° ♎ 00'26	1.44658 AU	desc. node	-4289 Sep 08 j 07:21	19° ♎ 17'16	
desc. node	-4290 Sep 21 j 10:24	28° ♎ 33'36		evening rise	-4289 Sep 12 j 13:28	25° ♎ 54'46	
	-4290 Sep 22 j 08:20	0° ♏			-4289 Sep 15 j 05:09	0° ♏	
evening rise	-4290 Oct 03 j 07:35	17° ♏ 09'36			-4289 Oct 05 j 18:36	0° ♏	
	-4290 Oct 11 j 14:05	0° ♏		evening max el	-4289 Oct 10 j 21:02	6° ♏ 00'27	20°38'34
greatest brilliancy	-4290 Oct 15 j 02:25	5° ♏ 22'53	-0.7m	retrograde	-4289 Oct 18 j 23:38	10° ♏ 47'31	
evening max el	-4290 Oct 27 j 18:36	22° ♏ 34'20	19°37'23	evening set	-4289 Oct 22 j 19:41	9° ♏ 22'58	
retrograde	-4290 Nov 04 j 02:27	26° ♏ 49'27		asc. node	-4289 Oct 23 j 14:24	8° ♏ 45'01	
asc. node	-4290 Nov 05 j 17:17	26° ♏ 34'17		inferior conj	-4289 Oct 28 j 05:45	3° ♏ 15'08	1°32'27
evening set	-4290 Nov 07 j 12:43	25° ♏ 40'52		minimum elong	-4289 Oct 28 j 03:43	3° ♏ 21'59	1°31'40
inferior conj	-4290 Nov 13 j 02:35	19° ♏ 43'32	2°20'38	min. Earth dist.	-4289 Oct 28 j 20:23	2° ♏ 25'29	0.66937 AU
minimum elong	-4290 Nov 12 j 23:45	19° ♏ 52'45	2°19'37		-4289 Oct 30 j 16:47	30° ♏	
min. Earth dist.	-4290 Nov 14 j 05:04	18° ♏ 17'22	0.66233 AU	morning rise	-4289 Nov 02 j 11:36	26° ♏ 59'53	
morning rise	-4290 Nov 18 j 10:34	13° ♏ 30'56		direct	-4289 Nov 07 j 22:35	24° ♏ 38'05	
direct	-4290 Nov 24 j 12:40	10° ♏ 51'16			-4289 Nov 17 j 19:06	0° ♏	
morning max el	-4290 Dec 06 j 18:34	18° ♏ 04'48	25°45'08	morning max el	-4289 Nov 19 j 03:19	1° ♏ 18'26	24°24'14
	-4290 Dec 16 j 20:45	0° ♐		desc. node	-4289 Dec 05 j 07:17	21° ♏ 43'15	
desc. node	-4290 Dec 18 j 10:19	2° ♐ 06'01			-4289 Dec 10 j 21:37	0° ♐	
	-4289 Jan 05 j 14:50	0° ♐		morning set	-4289 Dec 25 j 00:07	22° ♐ 57'33	
morning set	-4289 Jan 12 j 00:36	11° ♐ 19'22			-4289 Dec 28 j 23:18	0° ♐	
max. Earth dist.	-4289 Jan 15 j 21:21	18° ♐ 33'12	1.36038 AU	max. Earth dist.	-4289 Dec 28 j 19:14	29° ♐ 41'38	1.37922 AU
superior conj	-4289 Jan 21 j 09:04	29° ♐ 19'22	-1°35'21	superior conj	-4288 Jan 04 j 16:34	12° ♐ 33'30	-1°48'57
minimum elong	-4289 Jan 21 j 12:06	29° ♐ 34'38	1°35'13	minimum elong	-4288 Jan 04 j 18:42	12° ♐ 43'47	1°49'01
	-4289 Jan 21 j 17:09	0° ♑		evening rise	-4288 Jan 13 j 07:46	29° ♐ 32'56	
evening rise	-4289 Jan 29 j 07:50	15° ♑ 32'18			-4288 Jan 13 j 13:15	0° ♑	
asc. node	-4289 Feb 01 j 16:16	22° ♑ 14'32		asc. node	-4288 Jan 19 j 13:19	11° ♑ 28'51	
	-4289 Feb 05 j 19:56	0° ♑		evening max el	-4288 Jan 30 j 02:03	26° ♑ 35'09	19°05'31
evening max el	-4289 Feb 16 j 07:23	14° ♑ 30'48	20°03'28		-4288 Feb 04 j 02:22	0° ♑	
retrograde	-4289 Feb 26 j 11:31	19° ♑ 20'12		retrograde	-4288 Feb 07 j 17:26	0° ♑ 43'11	
evening set	-4289 Feb 28 j 19:18	19° ♑ 06'13		evening set	-4288 Feb 10 j 02:59	0° ♑ 25'27	
inferior conj	-4289 Mar 09 j 13:11	15° ♑ 06'05	1°49'30		-4288 Feb 11 j 12:20	30° ♑	
minimum elong	-4289 Mar 09 j 17:30	14° ♑ 59'32	1°48'00	inferior conj	-4288 Feb 18 j 03:50	26° ♑ 11'32	3°10'10
min. Earth dist.	-4289 Mar 11 j 14:30	13° ♑ 51'30	0.55744 AU	minimum elong	-4288 Feb 18 j 08:36	26° ♑ 03'14	3°08'57
desc. node	-4289 Mar 16 j 09:27	11° ♑ 21'52		min. Earth dist.	-4288 Feb 21 j 05:34	24° ♑ 04'18	0.57090 AU
morning rise	-4289 Mar 18 j 13:41	10° ♑ 36'14		morning rise	-4288 Feb 26 j 11:37	21° ♑ 11'36	
direct	-4289 Mar 22 j 11:12	10° ♑ 02'51		desc. node	-4288 Mar 02 j 06:32	20° ♑ 09'58	
morning max el	-4289 Apr 05 j 04:53	16° ♑ 52'10	23°50'11	direct	-4288 Mar 02 j 14:52	20° ♑ 09'41	
	-4289 Apr 15 j 17:54	0° ♒		morning max el	-4288 Mar 16 j 19:49	27° ♑ 28'00	25°25'50
morning set	-4289 Apr 29 j 08:47	25° ♒ 02'17			-4288 Mar 19 j 07:00	0° ♒	
asc. node	-4289 Apr 30 j 15:55	27° ♒ 46'28		morning set	-4288 Apr 07 j 21:19	0° ♒	
	-4289 May 01 j 16:58	0° ♒		asc. node	-4288 Apr 12 j 20:58	10° ♒ 05'22	
					-4288 Apr 16 j 12:53	17° ♒ 55'12	
superior conj	-4289 May 06 j 10:46	10° ♒ 12'29	0°56'45	superior conj	-4288 Apr 19 j 21:04	25° ♒ 11'34	0°34'08
minimum elong	-4289 May 06 j 08:31	10° ♒ 00'24	0°56'23	minimum elong	-4288 Apr 19 j 19:36	25° ♒ 03'39	0°33'49
max. Earth dist.	-4289 May 08 j 10:05	14° ♒ 25'30	1.33533 AU	max. Earth dist.	-4288 Apr 20 j 19:54	27° ♒ 15'47	1.32894 AU
evening rise	-4289 May 13 j 22:25	25° ♒ 50'51			-4288 Apr 22 j 02:13	0° ♒	
	-4289 May 16 j 00:46	0° ♓		evening rise	-4288 Apr 27 j 01:07	10° ♒ 28'00	
	-4289 Jun 02 j 16:26	0° ♓			-4288 May 07 j 07:45	0° ♓	
desc. node	-4289 Jun 12 j 08:04	12° ♓ 30'40					

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-4288 May 28 j 16:18	29° 8 19'49	27°12'39		-4287 Apr 13 j 15:31	0° Y	
desc. node	-4288 May 29 j 05:10	29° 8 50'12			-4287 May 01 j 04:46	0° 8	
	-4288 May 29 j 09:24	0° II		evening max el	-4287 May 10 j 17:44	11° 8 13'36	26°27'39
retrograde	-4288 Jun 11 j 14:21	6° II 42'54		desc. node	-4287 May 16 j 02:18	15° 8 33'53	
evening set	-4288 Jun 18 j 14:25	4° II 25'17		retrograde	-4287 May 24 j 19:43	18° 8 33'09	
min. Earth dist.	-4288 Jun 22 j 05:41	1° II 36'34	0.61758 AU	evening set	-4287 May 31 j 04:29	16° 8 50'12	
	-4288 Jun 24 j 00:26	30° 8 8		min. Earth dist.	-4287 Jun 04 j 06:53	14° 8 08'27	0.59728 AU
inferior conj	-4288 Jun 25 j 08:46	28° 8 45'24	-4°11'19	inferior conj	-4287 Jun 07 j 16:00	11° 8 27'20	-4°15'59
minimum elong	-4288 Jun 25 j 10:47	28° 8 40'47	4°10'59	minimum elong	-4287 Jun 07 j 15:13	11° 8 28'56	4°15'50
morning rise	-4288 Jul 02 j 08:38	23° 8 48'14		morning rise	-4287 Jun 15 j 04:16	6° 8 51'43	
direct	-4288 Jul 04 j 22:23	23° 8 19'49		direct	-4287 Jun 17 j 16:34	6° 8 28'47	
morning max el	-4288 Jul 11 j 18:34	26° 8 45'06	17°59'13	morning max el	-4287 Jun 25 j 05:08	10° 8 06'04	18°19'04
asc. node	-4288 Jul 13 j 12:31	28° 8 37'58		asc. node	-4287 Jun 30 j 09:33	16° 8 28'03	
	-4288 Jul 14 j 15:07	0° II			-4287 Jul 08 j 07:32	0° II	
morning set	-4288 Jul 27 j 22:15	22° II 07'34		morning set	-4287 Jul 11 j 06:30	5° II 34'15	
	-4288 Aug 01 j 06:26	0° 8					
				superior conj	-4287 Jul 20 j 16:45	23° II 15'14	1°47'42
superior conj	-4288 Aug 07 j 14:54	11° 8 14'04	1°35'46	minimum elong	-4287 Jul 20 j 18:13	23° II 21'55	1°47'51
minimum elong	-4288 Aug 07 j 19:08	11° 8 32'26	1°35'39		-4287 Jul 24 j 10:49	0° 8	
max. Earth dist.	-4288 Aug 14 j 22:58	23° 8 37'48	1.42410 AU	max. Earth dist.	-4287 Jul 28 j 03:56	6° 8 28'05	1.40603 AU
	-4288 Aug 18 j 20:56	0° 8		evening rise	-4287 Aug 01 j 23:09	14° 8 31'49	
evening rise	-4288 Aug 21 j 20:37	4° 8 45'31			-4287 Aug 11 j 17:35	0° 8	
desc. node	-4288 Aug 25 j 04:20	9° 8 57'16		desc. node	-4287 Aug 12 j 01:19	0° 8 29'27	
	-4288 Sep 07 j 14:16	0° 8			-4287 Sep 02 j 15:44	0° 8	
evening max el	-4288 Sep 22 j 17:10	19° 8 25'37	21°51'14	evening max el	-4287 Sep 05 j 07:51	2° 8 51'12	23°10'57
retrograde	-4288 Oct 01 j 19:45	24° 8 50'18		retrograde	-4287 Sep 15 j 13:16	8° 8 54'41	
evening set	-4288 Oct 06 j 03:42	23° 8 07'34		evening set	-4287 Sep 20 j 10:59	6° 8 52'27	
asc. node	-4288 Oct 09 j 11:31	19° 8 34'39		inferior conj	-4287 Sep 25 j 18:13	0° 8 34'15	-0°12'21
inferior conj	-4288 Oct 11 j 11:34	16° 8 52'45	0°40'52	minimum elong	-4287 Sep 25 j 18:30	0° 8 33'17	0°12'07
minimum elong	-4288 Oct 11 j 10:37	16° 8 55'59	0°40'32	transit middle	-4287 Sep 25 j 18:30	0° 8 33'17	0°12'07
min. Earth dist.	-4288 Oct 11 j 15:34	16° 8 38'56	0.67323 AU	transit begin	-4287 Sep 25 j 16:41	0° 8 39'32	
morning rise	-4288 Oct 16 j 17:24	10° 8 37'32		transit end	-4287 Sep 25 j 20:19	0° 8 27'02	
direct	-4288 Oct 21 j 13:13	8° 8 36'43		min. Earth dist.	-4287 Sep 25 j 12:03	0° 8 55'28	0.67408 AU
morning max el	-4288 Oct 31 j 13:33	14° 8 35'19	22°57'51	asc. node	-4287 Sep 26 j 08:40	29° 8 44'41	
	-4288 Nov 13 j 00:29	0° 8			-4287 Sep 26 j 04:11	30° 8 8	
desc. node	-4288 Nov 21 j 04:15	11° 8 45'19		morning rise	-4287 Oct 01 j 01:55	24° 8 22'07	
	-4288 Dec 02 j 21:17	0° 8		direct	-4287 Oct 05 j 07:45	22° 8 42'25	
morning set	-4288 Dec 04 j 21:08	3° 8 16'06		morning max el	-4287 Oct 14 j 04:18	27° 8 57'18	21°34'33
max. Earth dist.	-4288 Dec 09 j 15:24	11° 8 17'16	1.39986 AU		-4287 Oct 16 j 01:57	0° 8	
					-4287 Nov 06 j 16:27	0° 8	
superior conj	-4288 Dec 17 j 08:29	24° 8 57'56	-1°54'11	desc. node	-4287 Nov 08 j 01:13	2° 8 04'54	
minimum elong	-4288 Dec 17 j 08:23	24° 8 57'29	1°54'21	morning set	-4287 Nov 14 j 13:58	12° 8 14'45	
	-4288 Dec 20 j 01:51	0° 8		max. Earth dist.	-4287 Nov 21 j 16:37	23° 8 43'53	1.41949 AU
evening rise	-4288 Dec 26 j 23:03	13° 8 03'04			-4287 Nov 25 j 10:42	0° 8	
asc. node	-4287 Jan 05 j 10:24	0° 8 12'37					
	-4287 Jan 05 j 07:16	0° 8		superior conj	-4287 Nov 29 j 03:20	6° 8 19'17	-1°47'32
evening max el	-4287 Jan 12 j 05:23	9° 8 10'37	18°27'33	minimum elong	-4287 Nov 28 j 23:45	6° 8 03'48	1°47'28
retrograde	-4287 Jan 19 j 17:40	12° 8 51'55		evening rise	-4287 Dec 10 j 02:15	25° 8 55'13	
evening set	-4287 Jan 22 j 06:12	12° 8 28'16			-4287 Dec 12 j 07:54	0° 8	
inferior conj	-4287 Jan 29 j 14:49	7° 8 54'33	3°53'00	asc. node	-4287 Dec 23 j 07:30	18° 8 16'23	
minimum elong	-4287 Jan 29 j 17:12	7° 8 49'44	3°52'34	evening max el	-4287 Dec 26 j 14:44	22° 8 09'44	18°09'36
min. Earth dist.	-4287 Feb 02 j 00:00	5° 8 11'40	0.58939 AU	retrograde	-4286 Jan 02 j 10:40	25° 8 38'51	
morning rise	-4287 Feb 06 j 02:01	2° 8 29'45		evening set	-4286 Jan 05 j 02:10	25° 8 08'00	
direct	-4287 Feb 12 j 07:44	0° 8 49'00		inferior conj	-4286 Jan 11 j 21:07	20° 8 12'42	4°03'53
desc. node	-4287 Feb 17 j 03:39	1° 8 46'58		minimum elong	-4286 Jan 11 j 20:44	20° 8 13'37	4°03'42
morning max el	-4287 Feb 26 j 13:52	8° 8 22'46	26°43'18	min. Earth dist.	-4286 Jan 15 j 00:35	17° 8 17'57	0.60950 AU
	-4287 Mar 14 j 22:25	0° 8		morning rise	-4286 Jan 18 j 13:54	14° 8 30'43	
morning set	-4287 Mar 28 j 07:43	25° 8 03'19		direct	-4286 Jan 25 j 11:34	12° 8 13'24	
	-4287 Mar 30 j 15:47	0° 8		desc. node	-4286 Feb 04 j 00:45	15° 8 59'25	
asc. node	-4287 Apr 03 j 09:51	8° 8 08'26		morning max el	-4286 Feb 08 j 13:56	19° 8 54'16	27°30'23
					-4286 Feb 17 j 06:22	0° 8	
superior conj	-4287 Apr 04 j 08:43	10° 8 13'33	0°09'56		-4286 Mar 07 j 16:43	0° 8	
minimum elong	-4287 Apr 04 j 08:17	10° 8 11'10	0°09'45	morning set	-4286 Mar 12 j 15:10	9° 8 49'29	
behind sun begin	-4287 Apr 04 j 04:20	9° 8 49'32		max. Earth dist.	-4286 Mar 18 j 21:42	23° 8 10'15	1.32645 AU
behind sun end	-4287 Apr 04 j 12:14	10° 8 32'48					
max. Earth dist.	-4287 Apr 04 j 08:58	10° 8 14'53	1.32595 AU	superior conj	-4286 Mar 19 j 20:08	25° 8 12'30	-0°15'03
evening rise	-4287 Apr 11 j 08:50	25° 8 19'02		minimum elong	-4286 Mar 19 j 20:49	25° 8 16'12	0°15'02

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

behind sun begin	-4286 Mar 19 j 19:16	25° \approx 07'44		superior conj	-4285 Mar 04 j 05:34	10° \approx 01'42	-0°39'55
behind sun end	-4286 Mar 19 j 22:22	25° \approx 24'40		minimum elong	-4285 Mar 04 j 07:19	10° \approx 11'11	0°39'43
asc. node	-4286 Mar 21 j 06:52	28° \approx 22'07		asc. node	-4285 Mar 08 j 03:53	18° \approx 31'34	
	-4286 Mar 22 j 00:49	0° \mathbb{X}		evening rise	-4285 Mar 11 j 07:08	25° \approx 13'09	
evening rise	-4286 Mar 26 j 19:29	10° \mathbb{X} 16'34			-4285 Mar 13 j 14:28	0° \mathbb{X}	
	-4286 Apr 06 j 00:41	0° \mathbb{Y}			-4285 Apr 01 j 03:13	0° \mathbb{Y}	
evening max el	-4286 Apr 22 j 13:14	22° \mathbb{Y} 27'16	25°14'32	evening max el	-4285 Apr 04 j 05:18	3° \mathbb{Y} 14'06	23°43'59
desc. node	-4286 May 02 j 23:25	29° \mathbb{Y} 06'06		retrograde	-4285 Apr 17 j 21:20	10° \mathbb{Y} 02'25	
retrograde	-4286 May 06 j 14:50	29° \mathbb{Y} 37'12		desc. node	-4285 Apr 19 j 20:34	9° \mathbb{Y} 53'45	
evening set	-4286 May 11 j 20:53	28° \mathbb{Y} 32'58		evening set	-4285 Apr 21 j 19:34	9° \mathbb{Y} 28'28	
min. Earth dist.	-4286 May 17 j 01:40	25° \mathbb{Y} 41'50	0.57754 AU	min. Earth dist.	-4285 Apr 28 j 16:45	6° \mathbb{Y} 15'37	0.56163 AU
inferior conj	-4286 May 20 j 04:32	23° \mathbb{Y} 33'05	-3°51'24	inferior conj	-4285 Apr 30 j 20:57	4° \mathbb{Y} 56'38	-2°48'28
minimum elong	-4286 May 20 j 00:18	23° \mathbb{Y} 40'26	3°50'42	minimum elong	-4285 Apr 30 j 15:07	5° \mathbb{Y} 05'30	2°46'55
morning rise	-4286 May 28 j 06:40	19° \mathbb{Y} 17'44		morning rise	-4285 May 09 j 13:29	0° \mathbb{Y} 56'12	
direct	-4286 May 30 j 18:07	18° \mathbb{Y} 59'11		direct	-4285 May 12 j 00:59	0° \mathbb{Y} 40'32	
morning max el	-4286 Jun 08 j 09:10	23° \mathbb{Y} 01'46	18°59'06	morning max el	-4285 May 22 j 04:02	5° \mathbb{Y} 22'57	19°59'37
	-4286 Jun 14 j 02:36	0° \mathbb{Z}		asc. node	-4285 Jun 04 j 03:36	24° \mathbb{Y} 11'07	
asc. node	-4286 Jun 17 j 06:35	5° \mathbb{Z} 02'41			-4285 Jun 07 j 03:57	0° \mathbb{Z}	
morning set	-4286 Jun 25 j 01:37	19° \mathbb{Z} 35'17		morning set	-4285 Jun 09 j 04:24	4° \mathbb{Z} 02'18	
	-4286 Jun 30 j 08:30	0° \mathbb{I}					
				superior conj	-4285 Jun 17 j 01:40	20° \mathbb{Z} 02'04	1°40'43
superior conj	-4286 Jul 03 j 14:07	6° \mathbb{I} 16'09	1°48'25	minimum elong	-4285 Jun 16 j 23:29	19° \mathbb{Z} 51'10	1°40'43
minimum elong	-4286 Jul 03 j 13:17	6° \mathbb{I} 12'13	1°48'34		-4285 Jun 22 j 03:59	0° \mathbb{I}	
max. Earth dist.	-4286 Jul 10 j 05:43	18° \mathbb{I} 38'35	1.38657 AU	max. Earth dist.	-4285 Jun 22 j 09:43	0° \mathbb{I} 27'20	1.36811 AU
evening rise	-4286 Jul 14 j 04:03	25° \mathbb{I} 35'02		evening rise	-4285 Jun 26 j 08:52	7° \mathbb{I} 50'01	
	-4286 Jul 16 j 18:05	0° \mathbb{E}			-4285 Jul 09 j 12:28	0° \mathbb{E}	
desc. node	-4286 Jul 29 j 22:20	20° \mathbb{E} 49'16		desc. node	-4285 Jul 16 j 19:21	10° \mathbb{E} 50'49	
	-4286 Aug 05 j 08:40	0° \mathbb{O}			-4285 Aug 01 j 09:46	0° \mathbb{O}	
evening max el	-4286 Aug 18 j 19:22	16° \mathbb{O} 19'38	24°31'15	evening max el	-4285 Aug 01 j 06:05	29° \mathbb{E} 51'00	25°44'27
retrograde	-4286 Aug 30 j 03:00	22° \mathbb{O} 57'15		retrograde	-4285 Aug 13 j 12:17	6° \mathbb{O} 54'04	
evening set	-4286 Sep 04 j 15:40	20° \mathbb{O} 35'50		evening set	-4285 Aug 19 j 15:53	4° \mathbb{O} 16'26	
inferior conj	-4286 Sep 09 j 23:57	14° \mathbb{O} 17'41	-1°05'35		-4285 Aug 23 j 13:50	30° \mathbb{R} \mathbb{E}	
minimum elong	-4286 Sep 10 j 01:28	14° \mathbb{O} 12'34	1°04'49	min. Earth dist.	-4285 Aug 23 j 22:53	29° \mathbb{E} 31'25	0.66660 AU
min. Earth dist.	-4286 Sep 09 j 07:19	15° \mathbb{O} 13'28	0.67197 AU	inferior conj	-4285 Aug 25 j 03:00	28° \mathbb{E} 01'28	-1°57'09
asc. node	-4286 Sep 13 j 05:49	10° \mathbb{O} 13'58		minimum elong	-4285 Aug 25 j 05:39	27° \mathbb{E} 52'59	1°55'58
morning rise	-4286 Sep 15 j 11:15	8° \mathbb{O} 11'51		morning rise	-4285 Aug 30 j 19:31	22° \mathbb{E} 05'13	
direct	-4286 Sep 19 j 04:55	6° \mathbb{O} 51'32		asc. node	-4285 Aug 31 j 02:55	21° \mathbb{E} 53'55	
morning max el	-4286 Sep 27 j 01:52	11° \mathbb{O} 27'06	20°20'34	direct	-4285 Sep 03 j 03:09	21° \mathbb{E} 01'30	
	-4286 Oct 11 j 01:50	0° \mathbb{P}		morning max el	-4285 Sep 10 j 06:38	25° \mathbb{E} 05'59	19°19'58
morning set	-4286 Oct 24 j 13:14	20° \mathbb{P} 28'15			-4285 Sep 14 j 10:16	0° \mathbb{O}	
desc. node	-4286 Oct 25 j 22:08	22° \mathbb{P} 36'00		morning set	-4285 Oct 03 j 17:54	29° \mathbb{O} 04'28	
	-4286 Oct 30 j 15:26	0° \mathbb{A}			-4285 Oct 04 j 08:06	0° \mathbb{P}	
max. Earth dist.	-4286 Nov 04 j 01:32	7° \mathbb{A} 02'20	1.43536 AU	desc. node	-4285 Oct 12 j 19:04	13° \mathbb{P} 15'05	
				max. Earth dist.	-4285 Oct 17 j 16:45	20° \mathbb{P} 58'52	1.44533 AU
superior conj	-4286 Nov 09 j 19:44	16° \mathbb{A} 24'12	-1°25'25				
minimum elong	-4286 Nov 09 j 13:07	15° \mathbb{A} 56'59	1°24'50	superior conj	-4285 Oct 20 j 09:34	25° \mathbb{P} 15'49	-0°46'56
	-4286 Nov 17 j 21:55	0° \mathbb{L}		minimum elong	-4285 Oct 20 j 03:58	24° \mathbb{P} 53'37	0°46'13
evening rise	-4286 Nov 22 j 13:00	7° \mathbb{L} 59'36			-4285 Oct 23 j 08:47	0° \mathbb{A}	
	-4286 Dec 05 j 18:39	0° \mathbb{J}		evening rise	-4285 Nov 04 j 02:42	19° \mathbb{A} 07'36	
evening max el	-4286 Dec 10 j 03:04	5° \mathbb{J} 23'18	18°11'04		-4285 Nov 10 j 16:30	0° \mathbb{L}	
asc. node	-4286 Dec 10 j 04:37	5° \mathbb{J} 27'13		evening max el	-4285 Nov 23 j 15:34	18° \mathbb{L} 45'12	18°31'04
retrograde	-4286 Dec 16 j 16:25	8° \mathbb{J} 52'53		asc. node	-4285 Nov 27 j 01:44	21° \mathbb{L} 30'43	
evening set	-4286 Dec 19 j 11:13	8° \mathbb{J} 13'46		retrograde	-4285 Nov 30 j 06:38	22° \mathbb{L} 25'50	
inferior conj	-4286 Dec 25 j 19:11	2° \mathbb{J} 57'34	3°51'51	evening set	-4285 Dec 03 j 05:55	21° \mathbb{L} 37'01	
minimum elong	-4286 Dec 25 j 16:54	3° \mathbb{J} 03'36	3°51'24	inferior conj	-4285 Dec 09 j 05:16	16° \mathbb{L} 02'18	3°24'13
min. Earth dist.	-4286 Dec 28 j 09:51	0° \mathbb{J} 12'57	0.62837 AU	minimum elong	-4285 Dec 09 j 02:09	16° \mathbb{L} 11'24	3°23'22
	-4286 Dec 28 j 14:58	30° \mathbb{R} \mathbb{L}		min. Earth dist.	-4285 Dec 11 j 05:14	13° \mathbb{L} 42'41	0.64432 AU
morning rise	-4286 Dec 31 j 21:49	27° \mathbb{L} 03'22		morning rise	-4285 Dec 14 j 21:58	9° \mathbb{L} 58'48	
direct	-4285 Jan 07 j 23:42	24° \mathbb{L} 21'45		direct	-4285 Dec 21 j 18:46	7° \mathbb{L} 07'59	
	-4285 Jan 19 j 13:50	0° \mathbb{J}		morning max el	-4284 Jan 04 j 04:39	14° \mathbb{L} 48'15	27°18'06
desc. node	-4285 Jan 21 j 21:50	2° \mathbb{J} 10'33		desc. node	-4284 Jan 08 j 18:53	19° \mathbb{L} 47'11	
morning max el	-4285 Jan 21 j 19:33	2° \mathbb{J} 04'56	27°41'41		-4284 Jan 16 j 16:32	0° \mathbb{J}	
	-4285 Feb 11 j 12:04	0° \mathbb{Z}			-4284 Feb 04 j 03:12	0° \mathbb{Z}	
morning set	-4285 Feb 24 j 17:05	24° \mathbb{Z} 15'25		morning set	-4284 Feb 08 j 10:38	8° \mathbb{Z} 11'56	
	-4285 Feb 27 j 12:19	0° \approx		max. Earth dist.	-4284 Feb 13 j 06:50	17° \mathbb{Z} 56'12	1.33869 AU
max. Earth dist.	-4285 Mar 02 j 06:16	5° \approx 47'52	1.33057 AU				
				superior conj	-4284 Feb 16 j 11:07	24° \mathbb{Z} 34'51	-1°03'38

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4284 Feb 16 j 13:46	24° Z 48'48	1°03'21		-4283 Jan 26 j 02:23	0° Z	
	-4284 Feb 19 j 00:20	0° \approx					
asc. node	-4284 Feb 23 j 00:53	8° \approx 32'37		superior conj	-4283 Jan 30 j 10:35	8° Z 45'02	-1°24'53
evening rise	-4284 Feb 23 j 18:01	10° \approx 02'27		minimum elong	-4283 Jan 30 j 13:40	9° Z 00'54	1°24'41
	-4284 Mar 05 j 06:26	0° X		evening rise	-4283 Feb 07 j 02:21	24° Z 38'23	
evening max el	-4284 Mar 15 j 23:37	13° X 59'53	22°10'08	asc. node	-4283 Feb 08 j 21:54	28° Z 20'35	
retrograde	-4284 Mar 28 j 16:09	20° X 09'41			-4283 Feb 09 j 17:42	0° \approx	
evening set	-4284 Mar 31 j 12:40	19° X 51'39		evening max el	-4283 Feb 26 j 02:04	25° \approx 10'13	20°45'17
desc. node	-4284 Apr 05 j 17:44	17° X 58'20			-4283 Mar 05 j 20:30	0° X	
inferior conj	-4284 Apr 09 j 21:14	15° X 43'46	-1°08'11	retrograde	-4283 Mar 09 j 06:05	0° X 29'06	
minimum elong	-4284 Apr 09 j 18:08	15° X 48'08	1°07'11	evening set	-4283 Mar 11 j 14:46	0° X 15'46	
min. Earth dist.	-4284 Apr 09 j 06:41	16° X 04'19	0.55278 AU		-4283 Mar 12 j 18:32	30° R \approx	
morning rise	-4284 Apr 19 j 00:59	11° X 45'29		inferior conj	-4283 Mar 20 j 16:51	26° \approx 17'47	0°48'07
direct	-4284 Apr 21 j 16:38	11° X 29'36		minimum elong	-4283 Mar 20 j 19:00	26° \approx 14'41	0°47'16
morning max el	-4284 May 03 j 12:11	17° X 03'20	21°19'14	min. Earth dist.	-4283 Mar 21 j 20:58	25° \approx 37'14	0.55303 AU
	-4284 May 13 j 12:29	0° Y		desc. node	-4283 Mar 23 j 14:53	24° \approx 38'26	
asc. node	-4284 May 21 j 00:34	13° Y 44'27		morning rise	-4283 Mar 29 j 22:11	22° \approx 03'07	
morning set	-4284 May 23 j 12:14	18° Y 47'26		direct	-4283 Apr 02 j 04:54	21° \approx 39'41	
	-4284 May 28 j 21:11	0° Z		morning max el	-4283 Apr 15 j 10:19	28° \approx 05'32	22°53'09
					-4283 Apr 17 j 07:52	0° X	
superior conj	-4284 May 30 j 23:10	4° Z 20'04	1°26'55		-4283 May 06 j 03:38	0° Y	
minimum elong	-4284 May 30 j 20:29	4° Z 06'09	1°26'42	morning set	-4283 May 07 j 23:10	3° Y 44'41	
max. Earth dist.	-4284 Jun 03 j 21:09	12° Z 18'54	1.35245 AU	asc. node	-4283 May 07 j 21:32	3° Y 36'13	
evening rise	-4284 Jun 08 j 08:19	21° Z 02'03					
	-4284 Jun 13 j 05:02	0° II		superior conj	-4283 May 15 j 03:31	19° Y 00'40	1°08'44
	-4284 Jul 02 j 08:49	0° E		minimum elong	-4283 May 15 j 00:58	18° Y 47'08	1°08'22
desc. node	-4284 Jul 02 j 16:24	0° E 25'23		max. Earth dist.	-4283 May 17 j 18:28	24° Y 32'20	1.34048 AU
evening max el	-4284 Jul 13 j 17:08	13° E 19'36	26°42'32		-4283 May 20 j 10:04	0° Z	
retrograde	-4284 Jul 26 j 16:42	20° E 38'03		evening rise	-4283 May 22 j 21:26	4° Z 57'13	
evening set	-4284 Aug 02 j 09:19	17° E 50'46			-4283 Jun 05 j 21:46	0° II	
min. Earth dist.	-4284 Aug 06 j 08:26	13° E 44'17	0.65762 AU	desc. node	-4283 Jun 19 j 13:29	19° II 21'27	
inferior conj	-4284 Aug 08 j 01:21	11° E 41'53	-2°45'08	evening max el	-4283 Jun 26 j 04:14	26° II 36'52	27°17'45
minimum elong	-4284 Aug 08 j 04:49	11° E 31'30	2°43'51		-4283 Jun 30 j 01:54	0° E	
morning rise	-4284 Aug 14 j 00:39	5° E 58'22		retrograde	-4283 Jul 09 j 15:49	4° E 01'26	
asc. node	-4284 Aug 16 j 23:59	5° E 08'04		evening set	-4283 Jul 16 j 17:12	1° E 15'05	
direct	-4284 Aug 17 j 00:31	5° E 08'04			-4283 Jul 18 j 04:14	30° R II	
morning max el	-4284 Aug 23 j 17:08	8° E 50'32	18°34'55	min. Earth dist.	-4283 Jul 20 j 09:59	27° II 45'03	0.64484 AU
	-4284 Sep 07 j 10:35	0° O		inferior conj	-4283 Jul 22 j 16:44	25° II 15'04	-3°27'05
morning set	-4284 Sep 12 j 21:40	8° O 49'48		minimum elong	-4283 Jul 22 j 20:27	25° II 04'53	3°26'00
	-4284 Sep 26 j 03:35	0° P		morning rise	-4283 Jul 29 j 00:21	19° II 47'13	
				direct	-4283 Jul 31 j 18:41	19° II 07'18	
superior conj	-4284 Sep 28 j 09:10	3° P 31'29	0°01'49	asc. node	-4283 Aug 03 j 21:03	19° II 57'03	
minimum elong	-4284 Sep 28 j 09:25	3° P 32'29	0°01'52	morning max el	-4283 Aug 07 j 07:04	22° II 36'17	18°06'45
behind sun begin	-4284 Sep 27 j 22:06	2° P 47'50			-4283 Aug 13 j 01:55	0° E	
behind sun end	-4284 Sep 28 j 20:44	4° P 17'07		morning set	-4283 Aug 25 j 04:39	19° E 53'09	
desc. node	-4284 Sep 28 j 15:59	3° P 58'23			-4283 Aug 31 j 05:21	0° O	
max. Earth dist.	-4284 Sep 29 j 10:39	5° P 11'57	1.44820 AU				
evening rise	-4284 Oct 14 j 15:37	29° P 11'21		superior conj	-4283 Sep 07 j 17:10	12° O 15'40	0°48'18
	-4284 Oct 15 j 03:54	0° Q		minimum elong	-4283 Sep 07 j 22:20	12° O 36'30	0°47'50
greatest brilliancy	-4284 Oct 23 j 04:16	12° Q 40'48	-0.8m	max. Earth dist.	-4283 Sep 12 j 03:45	19° O 22'05	1.44380 AU
	-4284 Nov 04 j 03:01	0° R		desc. node	-4283 Sep 15 j 12:52	24° O 42'41	
evening max el	-4284 Nov 06 j 01:43	2° R 10'52	19°08'33		-4283 Sep 18 j 21:51	0° P	
asc. node	-4284 Nov 12 j 22:50	6° R 11'22		evening rise	-4283 Sep 24 j 05:33	8° P 16'21	
retrograde	-4284 Nov 13 j 01:42	6° R 11'27		greatest brilliancy	-4283 Oct 07 j 17:14	28° P 51'24	-0.6m
evening set	-4284 Nov 16 j 07:16	5° R 10'56			-4283 Oct 08 j 11:44	0° Q	
	-4284 Nov 21 j 11:36	30° R Q		evening max el	-4283 Oct 20 j 07:25	15° Q 37'33	20°01'49
inferior conj	-4284 Nov 22 j 00:04	29° Q 20'50	2°46'01	retrograde	-4283 Oct 27 j 22:44	20° Q 05'49	
minimum elong	-4284 Nov 21 j 20:58	29° Q 30'38	2°44'59	asc. node	-4283 Oct 30 j 19:57	19° Q 17'29	
min. Earth dist.	-4284 Nov 23 j 09:59	27° Q 34'02	0.65674 AU	evening set	-4283 Oct 31 j 12:47	18° Q 50'57	
morning rise	-4284 Nov 27 j 10:22	23° Q 10'37		inferior conj	-4283 Nov 06 j 00:51	12° Q 48'49	2°00'45
direct	-4284 Dec 03 j 20:14	20° Q 23'52		minimum elong	-4283 Nov 05 j 22:19	12° Q 57'13	1°59'48
morning max el	-4284 Dec 16 j 14:29	27° Q 51'40	26°25'23	min. Earth dist.	-4283 Nov 06 j 22:12	11° Q 37'53	0.66570 AU
	-4284 Dec 18 j 15:45	0° R		morning rise	-4283 Nov 11 j 07:37	6° Q 34'31	
desc. node	-4284 Dec 25 j 15:53	8° R 24'03		direct	-4283 Nov 17 j 03:23	4° Q 01'35	
	-4283 Jan 09 j 09:22	0° Z		morning max el	-4283 Nov 28 j 23:21	11° Q 03'10	25°11'56
morning set	-4283 Jan 21 j 16:04	21° Z 27'26		desc. node	-4283 Dec 12 j 12:51	27° Q 43'10	
max. Earth dist.	-4283 Jan 25 j 20:09	29° Z 29'13	1.35114 AU		-4283 Dec 14 j 03:40	0° R	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4282 Jan 02 j 01:13	0°♊		morning set	-4282 Dec 16 j 17:09	14°♌52'20	
morning set	-4282 Jan 04 j 04:15	3°♊46'13		max. Earth dist.	-4282 Dec 20 j 18:00	21°♌52'13	1.38796 AU
max. Earth dist.	-4282 Jan 07 j 21:58	10°♊36'34	1.36797 AU		-4282 Dec 25 j 06:11	0°♊	
superior conj	-4282 Jan 14 j 00:59	22°♊22'53	-1°41'57	superior conj	-4282 Dec 28 j 02:33	5°♊18'20	-1°52'23
minimum elong	-4282 Jan 14 j 03:46	22°♊36'42	1°41'54	minimum elong	-4282 Dec 28 j 03:55	5°♊24'47	1°52'32
	-4282 Jan 17 j 20:27	0°♋		evening rise	-4281 Jan 06 j 02:42	22°♊42'40	
evening rise	-4282 Jan 22 j 06:02	8°♋53'46			-4281 Jan 09 j 21:31	0°♋	
asc. node	-4282 Jan 26 j 18:56	17°♋49'11		asc. node	-4281 Jan 13 j 16:00	6°♋51'46	
	-4282 Feb 02 j 22:17	0°♌		evening max el	-4281 Jan 22 j 13:49	19°♋14'32	18°46'53
evening max el	-4282 Feb 08 j 15:02	6°♌55'20	19°36'29	retrograde	-4281 Jan 30 j 16:00	23°♋08'49	
retrograde	-4282 Feb 18 j 02:41	11°♌25'13		evening set	-4281 Feb 02 j 03:02	22°♋48'36	
evening set	-4282 Feb 20 j 10:44	11°♌10'06		inferior conj	-4281 Feb 09 j 20:44	18°♋26'45	3°32'43
inferior conj	-4282 Feb 28 j 21:37	7°♌05'42	2°28'16	minimum elong	-4281 Feb 10 j 00:41	18°♋19'26	3°31'52
minimum elong	-4282 Mar 01 j 02:37	6°♌57'41	2°26'43	min. Earth dist.	-4281 Feb 13 j 03:41	16°♋01'49	0.57847 AU
min. Earth dist.	-4282 Mar 03 j 11:39	5°♌26'57	0.56233 AU	morning rise	-4281 Feb 17 j 19:52	13°♋15'36	
morning rise	-4282 Mar 09 j 15:56	2°♌22'40		direct	-4281 Feb 23 j 11:38	11°♋57'38	
desc. node	-4282 Mar 10 j 12:01	2°♌07'46		desc. node	-4281 Feb 25 j 09:09	12°♋06'25	
direct	-4282 Mar 14 j 01:55	1°♌38'40		morning max el	-4281 Mar 09 j 17:28	19°♋23'10	26°01'41
morning max el	-4282 Mar 28 j 02:00	8°♌43'05	24°31'59		-4281 Mar 18 j 17:11	0°♌	
	-4282 Apr 12 j 18:02	0°♍			-4281 Apr 05 j 03:01	0°♍	
morning set	-4282 Apr 22 j 11:21	18°♍47'00		morning set	-4281 Apr 06 j 23:08	3°♍48'26	
asc. node	-4282 Apr 24 j 18:31	23°♍39'59		asc. node	-4281 Apr 11 j 15:31	13°♍51'02	
	-4282 Apr 27 j 16:53	0°♎					
superior conj	-4282 Apr 29 j 12:13	3°♎54'49	0°47'25	superior conj	-4281 Apr 13 j 23:18	18°♍55'40	0°24'01
minimum elong	-4282 Apr 29 j 10:16	3°♎44'18	0°47'03	minimum elong	-4281 Apr 13 j 22:16	18°♍49'58	0°23'44
max. Earth dist.	-4282 May 01 j 00:32	7°♎10'41	1.33220 AU	max. Earth dist.	-4281 Apr 14 j 12:17	20°♍06'34	1.32736 AU
evening rise	-4282 May 06 j 20:07	19°♎22'05			-4281 Apr 19 j 02:17	0°♎	
	-4282 May 12 j 06:47	0°♏		evening rise	-4281 Apr 21 j 01:17	4°♎06'16	
	-4282 May 31 j 04:16	0°♐			-4281 May 05 j 01:25	0°♏	
desc. node	-4282 Jun 06 j 10:35	7°♐22'26		evening max el	-4281 May 21 j 18:43	21°♏49'11	26°57'22
evening max el	-4282 Jun 08 j 13:38	9°♐30'51	27°23'54	desc. node	-4281 May 24 j 07:44	24°♏05'03	
retrograde	-4282 Jun 22 j 08:53	16°♐55'00		retrograde	-4281 Jun 04 j 18:33	29°♏10'10	
evening set	-4282 Jun 29 j 12:01	14°♐23'12		evening set	-4281 Jun 11 j 13:37	27°♏06'28	
min. Earth dist.	-4282 Jul 03 j 02:03	11°♐22'35	0.62838 AU	min. Earth dist.	-4281 Jun 15 j 08:14	24°♏22'39	0.60908 AU
inferior conj	-4282 Jul 05 j 22:21	8°♐35'01	-3°59'19	inferior conj	-4281 Jun 18 j 14:49	21°♏33'29	-4°16'15
minimum elong	-4282 Jul 06 j 01:22	8°♐27'36	3°58'41	minimum elong	-4281 Jun 18 j 15:48	21°♏31'22	4°16'04
morning rise	-4282 Jul 12 j 15:48	3°♐25'40		morning rise	-4281 Jun 25 j 19:43	16°♏45'06	
direct	-4282 Jul 15 j 06:44	2°♐53'33		direct	-4281 Jun 28 j 08:51	16°♏19'02	
asc. node	-4282 Jul 21 j 18:06	6°♐08'32		morning max el	-4281 Jul 05 j 10:42	19°♏47'55	18°05'14
morning max el	-4282 Jul 21 j 21:51	6°♐17'41	17°56'34	asc. node	-4281 Jul 08 j 15:09	23°♏26'45	
	-4282 Aug 06 j 07:10	0°♑			-4281 Jul 13 j 00:28	0°♐	
morning set	-4282 Aug 07 j 11:04	2°♑03'38		morning set	-4281 Jul 21 j 11:18	15°♐06'04	
					-4281 Jul 29 j 14:11	0°♑	
superior conj	-4282 Aug 19 j 01:47	22°♑13'15	1°22'43	superior conj	-4281 Jul 31 j 13:45	3°♑32'10	1°42'25
minimum elong	-4282 Aug 19 j 07:16	22°♑36'22	1°22'23	minimum elong	-4281 Jul 31 j 16:49	3°♑45'46	1°42'26
	-4282 Aug 23 j 18:12	0°♒		max. Earth dist.	-4281 Aug 08 j 02:39	16°♑31'10	1.41674 AU
max. Earth dist.	-4282 Aug 25 j 17:45	3°♒13'44	1.43283 AU	evening rise	-4281 Aug 13 j 23:05	26°♑06'19	
desc. node	-4282 Sep 02 j 09:50	15°♒25'18			-4281 Aug 16 j 09:49	0°♒	
evening rise	-4282 Sep 03 j 09:21	16°♒56'57		desc. node	-4281 Aug 20 j 06:48	6°♒02'16	
	-4282 Sep 11 j 22:16	0°♓			-4281 Sep 05 j 18:14	0°♑	
evening max el	-4282 Oct 03 j 07:19	29°♓04'01	21°08'25	evening max el	-4281 Sep 16 j 01:01	12°♓29'08	22°24'44
	-4282 Oct 04 j 05:56	0°♈		retrograde	-4281 Sep 25 j 14:36	18°♓09'54	
retrograde	-4282 Oct 11 j 19:36	4°♈06'22		evening set	-4281 Sep 30 j 04:20	16°♓18'50	
evening set	-4282 Oct 15 j 20:26	2°♈34'29		asc. node	-4281 Oct 04 j 14:13	11°♓16'25	
asc. node	-4282 Oct 17 j 17:04	0°♈50'48		inferior conj	-4281 Oct 05 j 11:44	10°♓02'23	0°18'24
	-4282 Oct 18 j 11:00	30°♈		minimum elong	-4281 Oct 05 j 11:19	10°♓03'52	0°18'18
inferior conj	-4282 Oct 21 j 05:23	26°♈23'32	1°10'54	min. Earth dist.	-4281 Oct 05 j 11:23	10°♓03'37	0.67395 AU
minimum elong	-4282 Oct 21 j 03:48	26°♈28'58	1°10'17	morning rise	-4281 Oct 10 j 18:10	3°♈48'22	
min. Earth dist.	-4282 Oct 21 j 15:29	25°♈48'58	0.67137 AU	direct	-4281 Oct 15 j 07:55	1°♈56'37	
morning rise	-4282 Oct 26 j 10:59	20°♈07'59		morning max el	-4281 Oct 24 j 19:54	7°♈35'47	22°21'42
direct	-4282 Oct 31 j 15:35	17°♈54'37			-4281 Nov 11 j 02:03	0°♈	
morning max el	-4282 Nov 11 j 08:11	24°♈17'44	23°47'37	desc. node	-4281 Nov 16 j 06:45	7°♈42'27	
	-4282 Nov 16 j 10:31	0°♉		morning set	-4281 Nov 27 j 01:48	24°♈34'40	
desc. node	-4282 Nov 29 j 09:48	17°♉32'25			-4281 Nov 30 j 09:14	0°♉	
	-4282 Dec 07 j 14:56	0°♊		max. Earth dist.	-4281 Dec 02 j 16:10	3°♊49'39	1.40855 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4281 Dec 10 j 10:13	17° \mathbb{M} 17'35	-1°53'03	desc. node	-4280 Nov 02 j 03:40	28° \mathbb{M} 07'12	
minimum elong	-4281 Dec 10 j 08:45	17° \mathbb{M} 11'00	1°53'10		-4280 Nov 03 j 08:51	0° \mathbb{A}	
	-4281 Dec 17 j 08:52	0° \mathbb{A}		morning set	-4280 Nov 05 j 08:55	3° \mathbb{A} 07'03	
evening rise	-4281 Dec 20 j 13:17	5° \mathbb{A} 57'31		max. Earth dist.	-4280 Nov 13 j 20:51	16° \mathbb{A} 39'53	1.42682 AU
asc. node	-4281 Dec 31 j 13:05	25° \mathbb{A} 19'39					
	-4280 Jan 03 j 23:35	0° \mathbb{B}		superior conj	-4280 Nov 20 j 18:13	28° \mathbb{A} 06'35	-1°40'13
evening max el	-4280 Jan 05 j 20:01	2° \mathbb{B} 00'43	18°17'25	minimum elong	-4280 Nov 20 j 13:07	27° \mathbb{A} 44'57	1°39'55
retrograde	-4280 Jan 12 j 23:59	5° \mathbb{B} 35'14			-4280 Nov 21 j 20:54	0° \mathbb{M}	
evening set	-4280 Jan 15 j 13:51	5° \mathbb{B} 08'33		evening rise	-4280 Dec 02 j 10:01	18° \mathbb{M} 30'20	
inferior conj	-4280 Jan 22 j 16:16	0° \mathbb{B} 25'18	4°00'58		-4280 Dec 08 j 21:34	0° \mathbb{A}	
minimum elong	-4280 Jan 22 j 17:24	0° \mathbb{B} 22'50	4°00'43	asc. node	-4280 Dec 17 j 10:11	13° \mathbb{A} 02'17	
	-4280 Jan 23 j 03:58	30° \mathbb{R} \mathbb{A}		evening max el	-4280 Dec 19 j 06:53	15° \mathbb{A} 06'10	18°07'52
min. Earth dist.	-4280 Jan 26 j 00:04	27° \mathbb{A} 34'46	0.59798 AU	retrograde	-4280 Dec 25 j 23:07	18° \mathbb{A} 34'31	
morning rise	-4280 Jan 29 j 19:12	24° \mathbb{A} 52'29		evening set	-4280 Dec 28 j 15:48	18° \mathbb{A} 00'24	
direct	-4280 Feb 05 j 09:05	22° \mathbb{A} 55'35		inferior conj	-4279 Jan 04 j 05:45	12° \mathbb{A} 55'52	4°01'08
desc. node	-4280 Feb 12 j 06:16	24° \mathbb{A} 53'19		minimum elong	-4279 Jan 04 j 04:25	12° \mathbb{A} 59'09	4°00'51
	-4280 Feb 19 j 00:31	0° \mathbb{B}		min. Earth dist.	-4279 Jan 07 j 04:13	10° \mathbb{A} 03'01	0.61773 AU
morning max el	-4280 Feb 19 j 13:57	0° \mathbb{B} 32'12	27°07'34	morning rise	-4279 Jan 10 j 15:55	7° \mathbb{A} 07'54	
	-4280 Mar 11 j 16:05	0° \approx		direct	-4279 Jan 17 j 16:28	4° \mathbb{A} 38'34	
morning set	-4280 Mar 21 j 08:47	18° \approx 42'39		desc. node	-4279 Jan 29 j 03:21	10° \mathbb{A} 00'34	
	-4280 Mar 26 j 15:40	0° \mathbb{H}		morning max el	-4279 Jan 31 j 16:50	12° \mathbb{A} 21'32	27°39'45
					-4279 Feb 14 j 18:10	0° \mathbb{B}	
superior conj	-4280 Mar 28 j 11:05	3° \mathbb{H} 57'12	-0°00'38		-4279 Mar 03 j 22:18	0° \approx	
minimum elong	-4280 Mar 28 j 11:07	3° \mathbb{H} 57'24	0°00'43	morning set	-4279 Mar 05 j 14:12	3° \approx 21'36	
behind sun begin	-4280 Mar 28 j 06:08	3° \mathbb{H} 30'03		max. Earth dist.	-4279 Mar 11 j 13:27	15° \approx 57'08	1.32771 AU
behind sun end	-4280 Mar 28 j 16:07	4° \mathbb{H} 24'45					
max. Earth dist.	-4280 Mar 28 j 01:56	3° \mathbb{H} 07'05	1.32580 AU	superior conj	-4279 Mar 12 j 21:51	18° \approx 52'48	-0°25'40
asc. node	-4280 Mar 28 j 12:32	4° \mathbb{H} 05'09		minimum elong	-4279 Mar 12 j 23:00	18° \approx 59'02	0°25'34
evening rise	-4280 Apr 04 j 10:32	19° \mathbb{H} 01'19		asc. node	-4279 Mar 15 j 09:31	24° \approx 17'29	
	-4280 Apr 09 j 21:23	0° \mathbb{Y}			-4279 Mar 18 j 00:51	0° \mathbb{H}	
	-4280 Apr 29 j 10:33	0° \mathbb{B}		evening rise	-4279 Mar 19 j 21:48	3° \mathbb{H} 59'12	
evening max el	-4280 May 02 j 17:32	3° \mathbb{B} 25'26	25°59'23		-4279 Apr 02 j 23:48	0° \mathbb{Y}	
desc. node	-4280 May 10 j 04:53	8° \mathbb{B} 58'11		evening max el	-4279 Apr 14 j 10:49	14° \mathbb{Y} 24'35	24°37'16
retrograde	-4280 May 16 j 19:37	10° \mathbb{B} 41'32		desc. node	-4279 Apr 27 j 02:03	21° \mathbb{Y} 23'59	
evening set	-4280 May 22 j 18:32	9° \mathbb{B} 15'05		retrograde	-4279 Apr 28 j 10:00	21° \mathbb{Y} 28'06	
min. Earth dist.	-4280 May 27 j 06:06	6° \mathbb{B} 31'27	0.58868 AU	evening set	-4279 May 03 j 02:32	20° \mathbb{Y} 38'11	
inferior conj	-4280 May 30 j 14:30	4° \mathbb{B} 01'31	-4°09'44	min. Earth dist.	-4279 May 08 j 22:52	17° \mathbb{Y} 39'08	0.57009 AU
minimum elong	-4280 May 30 j 12:13	4° \mathbb{B} 05'49	4°09'28	inferior conj	-4279 May 11 j 18:26	15° \mathbb{Y} 49'32	-3°29'43
	-4280 Jun 06 j 02:50	30° \mathbb{R} \mathbb{Y}		minimum elong	-4279 May 11 j 13:06	15° \mathbb{Y} 58'15	3°28'37
morning rise	-4280 Jun 07 j 08:32	29° \mathbb{Y} 35'04		morning rise	-4279 May 20 j 02:50	11° \mathbb{Y} 41'59	
direct	-4280 Jun 09 j 20:37	29° \mathbb{Y} 14'00		direct	-4279 May 22 j 13:57	11° \mathbb{Y} 25'01	
	-4280 Jun 13 j 10:46	0° \mathbb{B}		morning max el	-4279 May 31 j 19:27	15° \mathbb{Y} 42'37	19°22'23
morning max el	-4280 Jun 17 j 18:54	2° \mathbb{B} 59'48	18°33'39	asc. node	-4279 Jun 11 j 09:13	0° \mathbb{B} 27'42	
asc. node	-4280 Jun 24 j 12:12	11° \mathbb{B} 37'33			-4279 Jun 11 j 02:58	0° \mathbb{B}	
morning set	-4280 Jul 04 j 00:40	28° \mathbb{B} 49'05		morning set	-4279 Jun 17 j 23:23	13° \mathbb{B} 01'59	
	-4280 Jul 04 j 15:23	0° \mathbb{I}					
				superior conj	-4279 Jun 26 j 04:44	29° \mathbb{B} 23'35	1°46'01
superior conj	-4280 Jul 13 j 00:42	16° \mathbb{I} 01'28	1°49'12	minimum elong	-4279 Jun 26 j 03:13	29° \mathbb{B} 16'12	1°46'08
minimum elong	-4280 Jul 13 j 01:06	16° \mathbb{I} 03'17	1°49'23		-4279 Jun 26 j 12:12	0° \mathbb{I}	
max. Earth dist.	-4280 Jul 20 j 06:10	29° \mathbb{I} 05'13	1.39776 AU	max. Earth dist.	-4279 Jul 02 j 07:44	11° \mathbb{I} 01'49	1.37844 AU
	-4280 Jul 20 j 18:44	0° \mathbb{E}		evening rise	-4279 Jul 06 j 04:22	17° \mathbb{I} 59'56	
evening rise	-4280 Jul 24 j 12:43	6° \mathbb{E} 24'46			-4279 Jul 13 j 05:31	0° \mathbb{E}	
desc. node	-4280 Aug 06 j 03:48	26° \mathbb{E} 30'00		desc. node	-4279 Jul 24 j 00:50	16° \mathbb{E} 42'51	
	-4280 Aug 08 j 12:12	0° \mathbb{Q}			-4279 Aug 02 j 18:31	0° \mathbb{Q}	
evening max el	-4280 Aug 28 j 13:57	25° \mathbb{Q} 55'16	23°45'24	evening max el	-4279 Aug 11 j 00:39	9° \mathbb{Q} 24'12	25°03'40
	-4280 Sep 02 j 08:08	0° \mathbb{M}		retrograde	-4279 Aug 22 j 18:42	16° \mathbb{Q} 14'42	
retrograde	-4280 Sep 08 j 06:38	2° \mathbb{M} 14'08		evening set	-4279 Aug 28 j 13:46	13° \mathbb{Q} 45'42	
evening set	-4280 Sep 13 j 10:44	0° \mathbb{M} 03'16		min. Earth dist.	-4279 Sep 02 j 01:35	8° \mathbb{Q} 38'52	0.67007 AU
	-4280 Sep 13 j 12:15	30° \mathbb{R} \mathbb{Q}		inferior conj	-4279 Sep 02 j 23:00	7° \mathbb{Q} 28'13	-1°27'47
inferior conj	-4280 Sep 18 j 18:12	23° \mathbb{Q} 44'34	-0°35'02	minimum elong	-4279 Sep 03 j 01:01	7° \mathbb{Q} 21'32	1°26'49
minimum elong	-4280 Sep 18 j 19:01	23° \mathbb{Q} 41'48	0°34'34	asc. node	-4279 Sep 07 j 08:27	2° \mathbb{Q} 21'07	
min. Earth dist.	-4280 Sep 18 j 07:34	24° \mathbb{Q} 20'52	0.67356 AU	morning rise	-4279 Sep 08 j 12:19	1° \mathbb{Q} 26'03	
asc. node	-4280 Sep 20 j 11:21	21° \mathbb{Q} 27'01		direct	-4279 Sep 12 j 01:20	0° \mathbb{Q} 13'21	
morning rise	-4280 Sep 24 j 03:15	17° \mathbb{Q} 34'59		morning max el	-4279 Sep 19 j 14:16	4° \mathbb{Q} 35'04	19°52'57
direct	-4280 Sep 28 j 03:36	16° \mathbb{Q} 04'02			-4279 Oct 07 j 22:30	0° \mathbb{M}	
morning max el	-4280 Oct 06 j 13:30	21° \mathbb{Q} 01'12	21°01'42	morning set	-4279 Oct 15 j 07:27	11° \mathbb{M} 21'31	
	-4280 Oct 13 j 23:53	0° \mathbb{M}		desc. node	-4279 Oct 20 j 00:35	18° \mathbb{M} 41'58	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4279 Oct 27 j 04:34	0°♌					-4278 Sep 11 j 19:29	0°♏		
max. Earth dist.	-4279 Oct 27 j 08:13	0°♌14'35	1.44032 AU	morning set			-4278 Sep 24 j 20:31	20°♏23'03		
							-4278 Sep 30 j 22:35	0°♐		
superior conj	-4279 Oct 31 j 22:43	7°♌38'01	-1°10'55	desc. node			-4278 Oct 06 j 21:29	9°♐22'50		
minimum elong	-4279 Oct 31 j 15:50	7°♌10'13	1°10'12	max. Earth dist.			-4278 Oct 10 j 00:33	14°♐18'38	1.44742 AU	
	-4279 Nov 14 j 09:38	0°♍								
evening rise	-4279 Nov 14 j 12:22	0°♍11'37		superior conj			-4278 Oct 11 j 04:07	16°♐07'24	-0°26'51	
evening max el	-4279 Dec 02 j 19:35	28°♍23'55	18°17'27	minimum elong			-4278 Oct 11 j 00:40	15°♐53'44	0°26'20	
asc. node	-4279 Dec 04 j 07:17	29°♍46'23					-4278 Oct 19 j 21:50	0°♑		
	-4279 Dec 04 j 14:02	0°♒		evening rise			-4278 Oct 26 j 15:42	10°♑51'54		
retrograde	-4279 Dec 09 j 08:53	1°♒57'12					-4278 Nov 07 j 13:24	0°♒		
evening set	-4279 Dec 12 j 05:19	1°♒14'20		evening max el			-4278 Nov 16 j 07:25	11°♒47'47	18°45'05	
	-4279 Dec 14 j 03:41	30°♒♍		asc. node			-4278 Nov 21 j 04:23	15°♒16'11		
inferior conj	-4279 Dec 18 j 09:22	25°♒50'13	3°41'43	retrograde			-4278 Nov 23 j 01:23	15°♒35'37		
minimum elong	-4279 Dec 18 j 06:37	25°♒57'50	3°41'05	evening set			-4278 Nov 26 j 03:08	14°♒42'06		
min. Earth dist.	-4279 Dec 20 j 17:57	23°♒14'28	0.63547 AU	inferior conj			-4278 Dec 01 j 23:29	9°♒00'44	3°09'02	
morning rise	-4279 Dec 24 j 07:16	19°♒51'35		minimum elong			-4278 Dec 01 j 20:17	9°♒10'23	3°08'06	
direct	-4279 Dec 31 j 07:56	17°♒03'52		min. Earth dist.			-4278 Dec 03 j 17:24	6°♒54'19	0.65004 AU	
morning max el	-4278 Jan 14 j 00:18	24°♒47'43	27°35'42	morning rise			-4278 Dec 07 j 13:05	2°♒54'17		
desc. node	-4278 Jan 16 j 00:22	26°♒51'39		direct			-4278 Dec 14 j 05:58	0°♒03'28		
	-4278 Jan 18 j 19:13	0°♓		morning max el			-4278 Dec 27 j 09:40	7°♒39'40	26°58'48	
	-4278 Feb 08 j 02:54	0°♓		desc. node			-4277 Jan 02 j 21:22	14°♒55'54		
morning set	-4278 Feb 17 j 12:58	17°♓36'47					-4277 Jan 13 j 19:59	0°♓		
max. Earth dist.	-4278 Feb 22 j 18:54	28°♓23'01	1.33343 AU				-4277 Jan 31 j 09:49	0°♓		
	-4278 Feb 23 j 13:15	0°♈		morning set			-4277 Feb 01 j 01:50	1°♓16'50		
				max. Earth dist.			-4277 Feb 05 j 14:40	10°♓14'38	1.34340 AU	
superior conj	-4278 Feb 25 j 05:54	3°♈36'27	-0°50'10							
minimum elong	-4278 Feb 25 j 08:04	3°♈48'03	0°49'55	superior conj			-4277 Feb 09 j 09:09	18°♓00'30	-1°13'02	
asc. node	-4278 Mar 02 j 06:31	14°♈24'09		minimum elong			-4277 Feb 09 j 12:03	18°♓15'39	1°12'46	
evening rise	-4278 Mar 04 j 09:20	18°♈53'33					-4277 Feb 15 j 01:45	0°♈		
	-4278 Mar 09 j 21:32	0°♉		evening rise			-4277 Feb 16 j 19:19	3°♈37'26		
evening max el	-4278 Mar 27 j 03:07	25°♉08'09	23°03'45	asc. node			-4277 Feb 17 j 03:31	4°♈20'01		
	-4278 Apr 02 j 18:04	0°♊					-4277 Mar 03 j 17:45	0°♉		
retrograde	-4278 Apr 09 j 11:28	1°♊42'21		evening max el			-4277 Mar 09 j 00:29	6°♉02'13	21°32'30	
evening set	-4278 Apr 12 j 21:01	1°♊17'05		retrograde			-4277 Mar 21 j 02:25	11°♉50'22		
desc. node	-4278 Apr 13 j 23:11	0°♊58'50		evening set			-4277 Mar 23 j 16:16	11°♉35'22		
	-4278 Apr 16 j 12:00	30°♊♈		desc. node			-4277 Mar 31 j 20:19	8°♉12'39		
min. Earth dist.	-4278 Apr 20 j 13:39	27°♊51'09	0.55685 AU	inferior conj			-4277 Apr 01 j 23:42	7°♉34'17	-0°18'57	
inferior conj	-4278 Apr 22 j 03:08	26°♊56'28	-2°09'49	minimum elong			-4277 Apr 01 j 22:48	7°♉35'32	0°18'44	
minimum elong	-4278 Apr 21 j 21:54	27°♊04'07	2°08'15	min. Earth dist.			-4277 Apr 02 j 03:41	7°♉28'41	0.55178 AU	
morning rise	-4278 May 01 j 01:08	22°♊58'35		morning rise			-4277 Apr 11 j 05:35	3°♉31'04		
direct	-4278 May 03 j 13:17	22°♊43'29		direct			-4277 Apr 14 j 02:19	3°♉12'59		
morning max el	-4278 May 14 j 09:55	27°♊47'18	20°31'11	morning max el			-4277 Apr 26 j 13:23	9°♉09'45	21°57'43	
	-4278 May 16 j 13:57	0°♋					-4277 May 11 j 06:26	0°♋		
asc. node	-4278 May 29 j 06:12	19°♋47'32		asc. node			-4277 May 16 j 03:11	9°♋29'25		
morning set	-4278 Jun 02 j 04:34	27°♋37'15		morning set			-4277 May 17 j 13:58	12°♋28'15		
	-4278 Jun 03 j 08:28	0°♌								
superior conj	-4278 Jun 09 j 20:57	13°♌24'19	1°35'30	superior conj			-4277 May 24 j 21:42	27°♋52'47	1°19'40	
minimum elong	-4278 Jun 09 j 18:28	13°♌11'41	1°35'24	minimum elong			-4277 May 24 j 19:00	27°♋38'39	1°19'22	
max. Earth dist.	-4278 Jun 14 j 14:03	22°♌47'12	1.36110 AU				-4277 May 25 j 22:04	0°♍		
	-4278 Jun 18 j 08:56	0°♎		max. Earth dist.			-4277 May 28 j 05:53	4°♍47'48	1.34699 AU	
evening rise	-4278 Jun 18 j 17:50	0°♎41'18		evening rise			-4277 Jun 01 j 23:41	14°♍13'33		
	-4278 Jul 06 j 08:09	0°♏					-4277 Jun 10 j 15:04	0°♎		
desc. node	-4278 Jul 10 j 21:53	6°♏33'56		desc. node			-4277 Jun 27 j 18:57	25°♎53'50		
evening max el	-4278 Jul 24 j 11:30	22°♏55'18	26°11'30	evening max el			-4277 Jul 01 j 02:17	0°♏		
	-4278 Aug 04 j 17:46	0°♐		retrograde			-4277 Jul 06 j 23:02	6°♏21'37	27°00'44	
retrograde	-4278 Aug 06 j 02:04	0°♐06'24		evening set			-4277 Jul 20 j 04:10	13°♏42'45		
	-4278 Aug 07 j 09:30	30°♐♏		min. Earth dist.			-4277 Jul 27 j 01:10	10°♏54'44		
evening set	-4278 Aug 12 j 11:24	27°♏23'54		inferior conj			-4277 Jul 30 j 21:28	7°♏04'03	0.65269 AU	
min. Earth dist.	-4278 Aug 16 j 15:00	22°♏54'55	0.66322 AU	minimum elong			-4277 Aug 01 j 20:04	4°♏49'27	-3°03'52	
inferior conj	-4278 Aug 18 j 00:19	21°♏10'59	-2°18'06				-4277 Aug 01 j 23:44	4°♏38'51	3°02'37	
minimum elong	-4278 Aug 18 j 03:22	21°♏01'28	2°16'51	morning rise			-4277 Aug 06 j 16:02	30°♋♎		
morning rise	-4278 Aug 23 j 19:30	15°♏19'28		direct			-4277 Aug 07 j 22:41	29°♎11'59		
asc. node	-4278 Aug 25 j 05:33	14°♏39'24		asc. node			-4277 Aug 10 j 20:02	28°♎26'18		
direct	-4278 Aug 26 j 23:32	14°♏21'50					-4277 Aug 12 j 02:37	28°♎35'08		
morning max el	-4278 Sep 02 j 21:38	18°♏16'11	18°58'42	morning max el			-4277 Aug 15 j 01:41	0°♏		
							-4277 Aug 17 j 09:52	2°♏01'49	18°20'46	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4277 Sep 05 j 01:42	0°♊			-4276 Aug 27 j 16:36	0°♊	
morning set	-4277 Sep 05 j 12:11	0°♊43'09					
				superior conj	-4276 Aug 29 j 21:53	3°♊39'32	1°04'42
superior conj	-4277 Sep 20 j 04:34	24°♊27'29	0°22'33	minimum elong	-4276 Aug 30 j 03:43	4°♊03'25	1°04'12
minimum elong	-4277 Sep 20 j 07:23	24°♊38'42	0°22'18	max. Earth dist.	-4276 Sep 04 j 11:40	12°♊40'57	1.43992 AU
max. Earth dist.	-4277 Sep 22 j 19:03	28°♊34'49	1.44727 AU	desc. node	-4276 Sep 09 j 15:22	20°♊50'54	
desc. node	-4277 Sep 23 j 18:25	0°♎07'02		evening rise	-4276 Sep 15 j 01:37	29°♊18'00	
	-4277 Sep 23 j 16:38	0°♎			-4276 Sep 15 j 12:30	0°♎	
evening rise	-4277 Oct 06 j 18:10	20°♎29'09			-4276 Oct 05 j 17:21	0°♎	
	-4277 Oct 12 j 20:26	0°♎		evening max el	-4276 Oct 12 j 19:18	8°♎40'35	20°28'36
greatest brilliancy	-4277 Oct 17 j 18:52	7°♎37'48	-0.7m	retrograde	-4276 Oct 20 j 18:51	13°♎22'45	
evening max el	-4277 Oct 30 j 16:00	25°♎14'23	19°29'23	evening set	-4276 Oct 24 j 13:15	12°♎00'46	
retrograde	-4277 Nov 06 j 21:32	29°♎25'24		asc. node	-4276 Oct 24 j 22:37	11°♎42'53	
asc. node	-4277 Nov 08 j 01:29	29°♎17'34		inferior conj	-4276 Oct 29 j 23:46	5°♎54'11	1°40'02
evening set	-4277 Nov 10 j 06:33	28°♎18'55		minimum elong	-4276 Oct 29 j 21:37	6°♎01'29	1°39'11
inferior conj	-4277 Nov 15 j 21:07	22°♎23'15	2°27'28	min. Earth dist.	-4276 Oct 30 j 16:06	4°♎59'04	0.66852 AU
minimum elong	-4277 Nov 15 j 18:12	22°♎32'41	2°26'27		-4276 Nov 03 j 20:37	30°♎	
min. Earth dist.	-4277 Nov 17 j 01:26	20°♎51'49	0.66104 AU	morning rise	-4276 Nov 04 j 05:47	29°♎39'03	
morning rise	-4277 Nov 21 j 05:38	16°♎11'14		direct	-4276 Nov 09 j 19:02	27°♎14'16	
direct	-4277 Nov 27 j 09:48	13°♎29'35			-4276 Nov 16 j 14:37	0°♎	
morning max el	-4277 Dec 09 j 19:05	20°♎46'59	25°56'06	morning max el	-4276 Nov 21 j 03:56	4°♎00'38	24°36'51
	-4277 Dec 17 j 19:29	0°♎		desc. node	-4276 Dec 06 j 15:21	23°♎25'01	
desc. node	-4277 Dec 20 j 18:22	3°♎52'04			-4276 Dec 11 j 03:23	0°♎	
	-4276 Jan 06 j 23:48	0°♎		morning set	-4276 Dec 27 j 03:38	25°♎58'45	
morning set	-4276 Jan 15 j 00:32	14°♎09'02			-4276 Dec 29 j 10:00	0°♎	
max. Earth dist.	-4276 Jan 18 j 22:57	21°♎34'02	1.35786 AU	max. Earth dist.	-4276 Dec 30 j 21:45	2°♎41'40	1.37620 AU
	-4276 Jan 23 j 05:48	0°♎					
				superior conj	-4275 Jan 06 j 14:36	15°♎18'16	-1°47'21
superior conj	-4276 Jan 24 j 05:07	1°♎57'23	-1°32'46	minimum elong	-4275 Jan 06 j 16:57	15°♎29'40	1°47'25
minimum elong	-4276 Jan 24 j 08:12	2°♎12'57	1°32'37		-4275 Jan 14 j 00:54	0°♎	
evening rise	-4276 Feb 01 j 01:55	18°♎04'50		evening rise	-4275 Jan 15 j 02:59	2°♎09'55	
asc. node	-4276 Feb 04 j 00:33	23°♎59'59		asc. node	-4275 Jan 20 j 21:36	13°♎18'24	
	-4276 Feb 07 j 03:48	0°♎		evening max el	-4275 Feb 01 j 00:30	29°♎25'23	19°12'56
evening max el	-4276 Feb 19 j 07:14	17°♎25'40	20°13'45		-4275 Feb 01 j 15:32	0°♎	
retrograde	-4276 Feb 29 j 17:32	22°♎22'37		retrograde	-4275 Feb 09 j 20:58	3°♎38'48	
evening set	-4276 Mar 03 j 01:17	22°♎08'57		evening set	-4275 Feb 12 j 05:59	3°♎21'52	
inferior conj	-4276 Mar 11 j 21:29	18°♎09'44	1°34'15		-4275 Feb 19 j 04:04	30°♎	
minimum elong	-4276 Mar 12 j 01:21	18°♎03'57	1°32'52	inferior conj	-4275 Feb 20 j 09:26	29°♎10'40	3°00'21
min. Earth dist.	-4276 Mar 13 j 17:38	17°♎03'56	0.55598 AU	minimum elong	-4275 Feb 20 j 14:23	29°♎02'14	2°59'03
desc. node	-4276 Mar 17 j 17:28	14°♎55'54		min. Earth dist.	-4275 Feb 23 j 08:42	27°♎10'17	0.56844 AU
morning rise	-4276 Mar 20 j 23:38	13°♎44'16		morning rise	-4275 Feb 28 j 20:07	24°♎14'51	
direct	-4276 Mar 24 j 16:57	13°♎13'58		desc. node	-4275 Mar 04 j 14:36	23°♎21'17	
morning max el	-4276 Apr 07 j 07:59	19°♎57'35	23°35'28	direct	-4275 Mar 05 j 18:48	23°♎18'01	
	-4276 Apr 15 j 18:05	0°♎			-4275 Mar 19 j 08:52	0°♎	
morning set	-4276 May 01 j 01:39	27°♎28'21		morning max el	-4275 Mar 19 j 23:02	0°♎33'28	25°12'22
asc. node	-4276 May 02 j 00:10	29°♎26'47			-4275 Apr 09 j 07:45	0°♎	
	-4276 May 02 j 06:27	0°♎		morning set	-4275 Apr 15 j 13:56	12°♎31'35	
				asc. node	-4275 Apr 18 j 21:11	19°♎34'33	
superior conj	-4276 May 08 j 04:08	12°♎39'40	1°00'01				
minimum elong	-4276 May 08 j 01:48	12°♎27'08	0°59'38	superior conj	-4275 Apr 22 j 14:07	27°♎37'54	0°37'42
max. Earth dist.	-4276 May 10 j 07:29	17°♎13'15	1.33652 AU	minimum elong	-4275 Apr 22 j 12:32	27°♎29'14	0°37'22
evening rise	-4276 May 15 j 17:15	28°♎22'19		max. Earth dist.	-4275 Apr 23 j 16:23	0°♎00'29	1.32964 AU
	-4276 May 16 j 12:54	0°♎			-4275 Apr 23 j 16:18	0°♎	
	-4276 Jun 02 j 19:25	0°♎		evening rise	-4275 Apr 29 j 19:03	12°♎56'38	
desc. node	-4276 Jun 13 j 16:04	14°♎28'49			-4275 May 08 j 16:29	0°♎	
evening max el	-4276 Jun 18 j 09:42	19°♎30'27	27°24'10		-4275 May 29 j 13:43	0°♎	
retrograde	-4276 Jul 02 j 00:35	26°♎54'47		evening max el	-4275 May 31 j 17:20	2°♎09'59	27°16'36
evening set	-4276 Jul 09 j 03:57	24°♎12'44		desc. node	-4275 May 31 j 13:11	1°♎59'59	
min. Earth dist.	-4276 Jul 12 j 18:57	20°♎56'40	0.63833 AU	retrograde	-4275 Jun 14 j 14:49	9°♎33'41	
inferior conj	-4276 Jul 15 j 07:41	18°♎17'43	-3°42'12	evening set	-4275 Jun 21 j 16:02	7°♎11'50	
minimum elong	-4276 Jul 15 j 11:14	18°♎08'23	3°41'18	min. Earth dist.	-4275 Jun 25 j 06:38	4°♎20'33	0.62049 AU
morning rise	-4276 Jul 21 j 19:18	12°♎57'32		inferior conj	-4275 Jun 28 j 08:10	1°♎29'36	-4°08'47
direct	-4276 Jul 24 j 12:04	12°♎21'06		minimum elong	-4275 Jun 28 j 10:29	1°♎24'10	4°08'22
asc. node	-4276 Jul 28 j 23:41	14°♎01'01			-4275 Jun 29 j 23:24	30°♎	
morning max el	-4276 Jul 31 j 00:32	15°♎46'31	18°00'12	morning rise	-4275 Jul 05 j 06:20	26°♎29'17	
	-4276 Aug 10 j 01:33	0°♎		direct	-4275 Jul 07 j 20:17	26°♎00'00	
morning set	-4276 Aug 17 j 05:49	12°♎16'54		morning max el	-4275 Jul 14 j 14:57	29°♎24'42	17°57'52

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4275 Jul 15 j 04:54	0°♊		asc. node	-4274 Jul 02 j 17:50	18°♊25'06	
asc. node	-4275 Jul 15 j 20:46	0°♊43'01			-4274 Jul 09 j 17:11	0°♊	
morning set	-4275 Jul 30 j 20:26	24°♊50'52		morning set	-4274 Jul 14 j 02:47	8°♊11'44	
	-4275 Aug 02 j 16:56	0°♋					
superior conj	-4275 Aug 10 j 18:29	14°♋12'48	1°32'49	superior conj	-4274 Jul 23 j 16:56	26°♊03'34	1°46'40
minimum elong	-4275 Aug 10 j 23:06	14°♋32'41	1°32'38	minimum elong	-4274 Jul 23 j 18:49	26°♊12'04	1°46'49
max. Earth dist.	-4275 Aug 17 j 23:20	26°♋18'21	1.42652 AU		-4274 Jul 25 j 21:36	0°♋	
	-4275 Aug 20 j 05:47	0°♌		max. Earth dist.	-4274 Jul 31 j 05:16	9°♋15'50	1.40888 AU
evening rise	-4275 Aug 25 j 07:11	8°♌03'44		evening rise	-4274 Aug 05 j 06:09	17°♋39'55	
desc. node	-4275 Aug 27 j 12:20	11°♌31'20			-4274 Aug 13 j 00:44	0°♌	
	-4275 Sep 08 j 18:44	0°♍		desc. node	-4274 Aug 14 j 09:19	2°♌04'56	
evening max el	-4275 Sep 25 j 16:23	22°♍05'40	21°39'54		-4274 Sep 03 j 09:11	0°♍	
retrograde	-4275 Oct 04 j 15:14	27°♍24'40		evening max el	-4274 Sep 08 j 07:50	5°♍31'18	22°58'54
evening set	-4275 Oct 08 j 21:15	25°♍44'52		retrograde	-4274 Sep 18 j 09:09	11°♍28'53	
asc. node	-4275 Oct 11 j 19:46	22°♍42'36		evening set	-4274 Sep 23 j 04:43	9°♍29'38	
inferior conj	-4275 Oct 14 j 05:20	19°♍30'55	0°48'52	inferior conj	-4274 Sep 28 j 11:58	3°♍11'51	-0°04'13
minimum elong	-4275 Oct 14 j 04:13	19°♍34'46	0°48'26	minimum elong	-4274 Sep 28 j 12:03	3°♍11'31	0°04'05
min. Earth dist.	-4275 Oct 14 j 10:55	19°♍11'41	0.67282 AU	transit middle	-4274 Sep 28 j 12:03	3°♍11'31	0°04'05
morning rise	-4275 Oct 19 j 11:02	13°♍15'25		transit begin	-4274 Sep 28 j 09:27	3°♍20'32	
direct	-4275 Oct 24 j 09:05	11°♍11'18		transit end	-4274 Sep 28 j 14:40	3°♍02'31	
morning max el	-4275 Nov 03 j 13:41	17°♍16'36	23°10'40	min. Earth dist.	-4274 Sep 28 j 07:20	3°♍27'47	0.67416 AU
	-4275 Nov 14 j 02:04	0°♎		asc. node	-4274 Sep 28 j 16:54	2°♍54'52	
desc. node	-4275 Nov 23 j 12:18	13°♎23'44			-4274 Sep 30 j 21:37	30°♎00'00	
	-4275 Dec 04 j 05:44	0°♏		morning rise	-4274 Oct 03 j 19:16	26°♎59'06	
morning set	-4275 Dec 08 j 04:55	6°♏29'51		direct	-4274 Oct 08 j 03:09	25°♎16'13	
max. Earth dist.	-4275 Dec 12 j 17:31	14°♏10'30	1.39675 AU		-4274 Oct 16 j 12:36	0°♏	
superior conj	-4275 Dec 20 j 09:13	27°♏51'07	-1°54'05	morning max el	-4274 Oct 17 j 03:30	0°♏37'12	21°46'27
minimum elong	-4275 Dec 20 j 09:32	27°♏52'39	1°54'15		-4274 Nov 07 j 22:57	0°♏	
	-4275 Dec 21 j 13:02	0°♐		desc. node	-4274 Nov 10 j 09:13	3°♏40'44	
evening rise	-4275 Dec 29 j 19:47	15°♐45'00		morning set	-4274 Nov 18 j 01:35	15°♏38'37	
	-4274 Jan 06 j 12:27	0°♑		max. Earth dist.	-4274 Nov 24 j 17:44	26°♏28'53	1.41678 AU
asc. node	-4274 Jan 07 j 18:41	2°♑07'16			-4274 Nov 26 j 20:18	0°♑	
evening max el	-4274 Jan 15 j 02:47	11°♑56'54	18°31'56	superior conj	-4274 Dec 02 j 07:33	9°♑22'33	-1°49'29
retrograde	-4274 Jan 22 j 18:18	15°♑40'59		minimum elong	-4274 Dec 02 j 04:32	9°♑09'23	1°49'28
evening set	-4274 Jan 25 j 06:27	15°♑18'17		evening rise	-4274 Dec 13 j 00:59	28°♑42'55	
inferior conj	-4274 Feb 01 j 17:21	10°♑47'52	3°48'43		-4274 Dec 13 j 17:45	0°♑	
minimum elong	-4274 Feb 01 j 20:10	10°♑42'18	3°48'12	asc. node	-4274 Dec 25 j 15:45	20°♑17'24	
min. Earth dist.	-4274 Feb 05 j 02:30	8°♑08'47	0.58648 AU	evening max el	-4274 Dec 29 j 11:25	24°♑52'42	18°10'59
morning rise	-4274 Feb 09 j 07:36	5°♑26'18		retrograde	-4273 Jan 05 j 09:01	28°♑22'37	
direct	-4274 Feb 15 j 10:05	3°♑51'23		evening set	-4273 Jan 08 j 00:08	27°♑52'50	
desc. node	-4274 Feb 19 j 11:44	4°♑32'26		inferior conj	-4273 Jan 14 j 20:56	23°♑00'38	4°03'54
morning max el	-4274 Mar 01 j 16:17	11°♑23'31	26°33'23	minimum elong	-4273 Jan 14 j 20:55	23°♑00'39	4°03'42
	-4274 Mar 16 j 03:02	0°♒		min. Earth dist.	-4273 Jan 18 j 01:47	20°♑06'17	0.60658 AU
morning set	-4274 Mar 31 j 01:00	27°♒30'20		morning rise	-4273 Jan 21 j 16:14	17°♑20'57	
	-4274 Apr 01 j 05:26	0°♓		direct	-4273 Jan 28 j 12:21	15°♑08'34	
asc. node	-4274 Apr 05 j 18:11	9°♓47'08		desc. node	-4273 Feb 06 j 08:50	18°♑23'13	
superior conj	-4274 Apr 07 j 01:43	12°♓39'35	0°13'40	morning max el	-4273 Feb 11 j 15:16	22°♑48'11	27°25'34
minimum elong	-4274 Apr 07 j 01:07	12°♓36'17	0°13'29		-4273 Feb 18 j 01:41	0°♓	
behind sun begin	-4274 Apr 06 j 22:30	12°♓22'03			-4273 Mar 09 j 03:35	0°♓	
behind sun end	-4274 Apr 07 j 03:43	12°♓50'32		morning set	-4273 Mar 15 j 09:03	12°♓18'11	
max. Earth dist.	-4274 Apr 07 j 05:10	12°♓58'32	1.32620 AU	max. Earth dist.	-4273 Mar 21 j 18:13	25°♓55'03	1.32619 AU
evening rise	-4274 Apr 14 j 02:12	27°♓45'55		superior conj	-4273 Mar 22 j 13:14	27°♓38'50	-0°11'16
	-4274 Apr 15 j 04:07	0°♔		minimum elong	-4273 Mar 22 j 13:45	27°♓41'36	0°11'16
evening max el	-4274 May 02 j 04:29	0°♕		behind sun begin	-4273 Mar 22 j 10:11	27°♓22'11	
desc. node	-4274 May 13 j 19:48	14°♕10'09	26°36'21	behind sun end	-4273 Mar 22 j 17:18	28°♓01'02	
retrograde	-4274 May 18 j 10:19	18°♕00'03		asc. node	-4273 Mar 23 j 15:10	0°♕00'32	
evening set	-4274 Jun 03 j 09:11	19°♕41'44			-4273 Mar 23 j 15:04	0°♕	
min. Earth dist.	-4274 Jun 07 j 09:10	16°♕59'53	0.60034 AU	evening rise	-4273 Mar 29 j 12:30	12°♕42'35	
inferior conj	-4274 Jun 10 j 17:54	14°♕16'00	-4°16'59		-4273 Apr 07 j 08:34	0°♖	
minimum elong	-4274 Jun 10 j 17:36	14°♕16'36	4°16'51	evening max el	-4273 Apr 25 j 16:07	25°♖29'00	25°26'49
morning rise	-4274 Jun 18 j 04:11	9°♕36'59			-4273 May 01 j 08:53	0°♕	
direct	-4274 Jun 20 j 16:39	9°♕13'18		desc. node	-4273 May 05 j 07:29	1°♕54'17	
morning max el	-4274 Jun 28 j 02:11	12°♕48'09	18°14'50	retrograde	-4273 May 09 j 18:00	2°♕40'34	
				evening set	-4273 May 15 j 04:42	1°♕30'49	
					-4273 May 18 j 03:46	30°♖00'00	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

min. Earth dist.	-4273 May 20 j 04:35	28° Υ 42'04	0.58032 AU	min. Earth dist.	-4272 Apr 30 j 19:54	9° Υ 24'38	0.56361 AU
inferior conj	-4273 May 23 j 09:21	26° Υ 27'20	-3°57'29	inferior conj	-4272 May 03 j 04:42	7° Υ 57'18	-3°00'41
minimum elong	-4273 May 23 j 05:35	26° Υ 34'00	3°56'55	minimum elong	-4272 May 02 j 22:51	8° Υ 06'20	2°59'12
morning rise	-4273 May 31 j 09:19	22° Υ 09'09		morning rise	-4272 May 11 j 19:11	3° Υ 55'30	
direct	-4273 Jun 02 j 20:59	21° Υ 49'56		direct	-4272 May 14 j 06:33	3° Υ 39'33	
morning max el	-4273 Jun 11 j 07:18	25° Υ 47'43	18°51'53	morning max el	-4272 May 24 j 03:44	8° Υ 14'53	19°49'22
	-4273 Jun 15 j 00:41	0° 8		asc. node	-4272 Jun 05 j 11:50	25° Υ 57'25	
asc. node	-4273 Jun 19 j 14:51	6° 8 53'30			-4272 Jun 07 j 15:05	0° 8	
morning set	-4273 Jun 27 j 20:30	22° 8 08'10		morning set	-4272 Jun 10 j 22:18	6° 8 31'52	
	-4273 Jul 01 j 20:45	0° II					
superior conj	-4273 Jul 06 j 11:44	8° II 56'24	1°48'54	superior conj	-4272 Jun 18 j 21:29	22° 8 36'42	1°42'20
minimum elong	-4273 Jul 06 j 11:12	8° II 53'52	1°49'05	minimum elong	-4272 Jun 18 j 19:27	22° 8 26'36	1°42'21
max. Earth dist.	-4273 Jul 13 j 07:27	21° II 32'19	1.38944 AU	max. Earth dist.	-4272 Jun 24 j 10:44	3° II 22'42	1.37069 AU
evening rise	-4273 Jul 17 j 07:05	28° II 31'19		evening rise	-4272 Jun 28 j 08:40	10° II 36'20	
	-4273 Jul 18 j 03:50	0° 6			-4272 Jul 09 j 19:42	0° 6	
desc. node	-4273 Aug 01 j 06:19	22° 6 26'58		desc. node	-4272 Jul 18 j 03:22	12° 6 31'53	
	-4273 Aug 06 j 11:36	0° 8			-4272 Jul 31 j 20:17	0° 8	
evening max el	-4273 Aug 21 j 19:38	18° 8 59'08	24°19'31	evening max el	-4272 Aug 03 j 06:16	2° 8 29'48	25°34'14
retrograde	-4273 Sep 01 j 23:24	25° 8 31'53		retrograde	-4272 Aug 15 j 09:25	9° 8 29'55	
evening set	-4273 Sep 07 j 09:52	23° 8 13'09		evening set	-4272 Aug 21 j 10:53	6° 8 54'13	
min. Earth dist.	-4273 Sep 12 j 02:51	17° 8 45'34	0.67251 AU	min. Earth dist.	-4272 Aug 25 j 19:04	2° 8 03'36	0.66764 AU
inferior conj	-4273 Sep 12 j 17:54	16° 8 54'50	-0°57'35	inferior conj	-4272 Aug 26 j 21:27	0° 8 38'30	-1°49'32
minimum elong	-4273 Sep 12 j 19:15	16° 8 50'19	0°56'53	minimum elong	-4272 Aug 26 j 23:56	0° 8 30'27	1°48'24
asc. node	-4273 Sep 15 j 14:01	13° 8 17'14			-4272 Aug 27 j 09:25	30° 8 26	
morning rise	-4273 Sep 18 j 04:34	10° 8 48'00		asc. node	-4272 Sep 01 j 11:06	24° 6 44'01	
direct	-4273 Sep 21 j 23:56	9° 8 24'58		morning rise	-4272 Sep 01 j 13:06	24° 6 40'44	
morning max el	-4273 Sep 29 j 23:59	14° 8 05'39	20°30'49	direct	-4272 Sep 04 j 22:04	23° 6 34'49	
	-4273 Oct 12 j 06:06	0° II		morning max el	-4272 Sep 12 j 03:47	27° 6 43'25	19°28'02
morning set	-4273 Oct 28 j 02:08	23° II 54'39			-4272 Sep 14 j 05:10	0° 8	
desc. node	-4273 Oct 28 j 06:06	24° II 10'05			-4272 Oct 04 j 15:42	0° II	
	-4273 Oct 31 j 23:41	0° 8		morning set	-4272 Oct 06 j 04:30	2° II 23'21	
max. Earth dist.	-4273 Nov 07 j 01:44	9° 8 40'56	1.43337 AU	desc. node	-4272 Oct 14 j 03:00	14° II 48'03	
				max. Earth dist.	-4272 Oct 19 j 16:08	23° II 32'37	1.44428 AU
superior conj	-4273 Nov 13 j 04:01	19° 8 38'41	-1°29'51	superior conj	-4272 Oct 22 j 21:20	28° II 39'30	-0°53'39
minimum elong	-4273 Nov 12 j 21:42	19° 8 12'28	1°29'21	minimum elong	-4272 Oct 22 j 15:13	28° II 15'05	0°52'54
	-4273 Nov 19 j 07:27	0° III			-4272 Oct 23 j 17:29	0° 8	
evening rise	-4273 Nov 25 j 14:25	10° III 54'38		evening rise	-4272 Nov 06 j 07:31	22° 8 11'29	
	-4273 Dec 06 j 19:54	0° 9			-4272 Nov 10 j 23:55	0° III	
asc. node	-4273 Dec 12 j 12:50	7° 9 36'41		evening max el	-4272 Nov 25 j 11:59	21° III 24'37	18°26'58
evening max el	-4273 Dec 12 j 23:24	8° 9 03'58	18°09'37	asc. node	-4272 Nov 28 j 09:56	23° III 51'08	
retrograde	-4273 Dec 19 j 13:11	11° 9 32'54		retrograde	-4272 Dec 02 j 02:25	25° III 03'11	
evening set	-4273 Dec 22 j 07:27	10° 9 55'05		evening set	-4272 Dec 05 j 00:52	24° III 16'01	
inferior conj	-4273 Dec 28 j 16:52	5° 9 41'44	3°54'49	inferior conj	-4272 Dec 11 j 01:22	18° III 43'53	3°29'08
minimum elong	-4273 Dec 28 j 14:47	5° 9 47'06	3°54'24	minimum elong	-4272 Dec 10 j 22:19	18° III 52'39	3°28'22
min. Earth dist.	-4273 Dec 31 j 09:36	2° 9 54'31	0.62571 AU	min. Earth dist.	-4272 Dec 13 j 03:32	16° III 19'45	0.64213 AU
morning rise	-4272 Jan 03 j 21:19	29° III 49'01		morning rise	-4272 Dec 16 j 19:17	12° III 41'27	
	-4272 Jan 03 j 15:30	30° III 8		direct	-4272 Dec 23 j 17:15	9° III 51'01	
direct	-4272 Jan 10 j 23:07	27° III 10'15		morning max el	-4271 Jan 06 j 05:06	17° III 32'45	27°23'41
	-4272 Jan 18 j 22:57	0° 9		desc. node	-4271 Jan 10 j 02:52	21° III 43'48	
desc. node	-4272 Jan 24 j 05:52	4° 9 18'28			-4271 Jan 16 j 17:07	0° 9	
morning max el	-4272 Jan 24 j 20:15	4° 9 53'19	27°42'21		-4271 Feb 04 j 13:48	0° 9	
	-4272 Feb 12 j 18:38	0° 9		morning set	-4271 Feb 10 j 06:57	10° 9 49'23	
morning set	-4272 Feb 27 j 11:57	26° 9 47'43		max. Earth dist.	-4271 Feb 15 j 05:43	20° 9 49'58	1.33716 AU
	-4272 Feb 29 j 01:35	0° \approx					
max. Earth dist.	-4272 Mar 04 j 03:46	8° \approx 36'48	1.32970 AU	superior conj	-4271 Feb 18 j 05:17	27° 9 05'42	-1°00'09
superior conj	-4272 Mar 05 j 23:02	12° \approx 29'47	-0°36'11	minimum elong	-4271 Feb 18 j 07:49	27° 9 19'06	0°59'54
minimum elong	-4272 Mar 06 j 00:39	12° \approx 38'27	0°36'01		-4271 Feb 19 j 14:04	0° \approx	
asc. node	-4272 Mar 09 j 12:09	20° \approx 10'50		asc. node	-4271 Feb 24 j 09:08	10° \approx 13'24	
evening rise	-4272 Mar 13 j 00:06	27° \approx 39'46		evening rise	-4271 Feb 25 j 11:12	12° \approx 30'26	
	-4272 Mar 14 j 02:55	0° X			-4271 Mar 06 j 12:00	0° X	
	-4272 Mar 31 j 17:00	0° Υ		evening max el	-4271 Mar 19 j 01:51	17° X 02'26	22°23'51
evening max el	-4272 Apr 06 j 08:19	6° Υ 18'19	23°58'01	retrograde	-4271 Mar 31 j 23:07	23° X 19'22	
retrograde	-4272 Apr 20 j 02:31	13° Υ 11'09		evening set	-4271 Apr 03 j 22:30	22° X 59'52	
desc. node	-4272 Apr 21 j 04:38	13° Υ 08'29		desc. node	-4271 Apr 08 j 01:47	21° X 35'03	
evening set	-4272 Apr 24 j 05:30	12° Υ 33'28		min. Earth dist.	-4271 Apr 12 j 10:02	19° X 18'33	0.55352 AU

inferior conj	-4271 Apr 13 j 06:52	18° 𐌹 48'56	-1°25'09		-4270 Mar 23 j 00:08	30° 𐌹 33'30	
minimum elong	-4271 Apr 13 j 03:05	18° 𐌹 54'19	1°23'58	inferior conj	-4270 Mar 24 j 02:15	29° 𐌹 22'50	0°30'48
morning rise	-4271 Apr 22 j 09:23	14° 𐌹 51'25		minimum elong	-4270 Mar 24 j 03:39	29° 𐌹 20'50	0°30'12
direct	-4271 Apr 24 j 23:44	14° 𐌹 35'57		min. Earth dist.	-4270 Mar 25 j 00:23	28° 𐌹 51'13	0.55241 AU
morning max el	-4271 May 06 j 13:34	20° 𐌹 01'49	21°06'16	desc. node	-4270 Mar 25 j 22:54	28° 𐌹 19'23	
	-4271 May 14 j 15:37	0° 𐌹		morning rise	-4270 Apr 02 j 08:07	25° 𐌹 11'29	
asc. node	-4271 May 23 j 08:49	15° 𐌹 27'23		direct	-4270 Apr 05 j 11:48	24° 𐌹 49'48	
morning set	-4271 May 26 j 05:31	21° 𐌹 14'32			-4270 Apr 17 j 06:31	0° 𐌹	
	-4271 May 30 j 10:39	0° 𐌹		morning max el	-4270 Apr 18 j 12:59	1° 𐌹 08'41	22°38'30
					-4270 May 07 j 15:42	0° 𐌹	
superior conj	-4271 Jun 02 j 17:45	6° 𐌹 50'35	1°29'21	asc. node	-4270 May 10 j 05:50	5° 𐌹 16'35	
minimum elong	-4271 Jun 02 j 15:05	6° 𐌹 36'54	1°29'09	morning set	-4270 May 10 j 16:06	6° 𐌹 09'57	
max. Earth dist.	-4271 Jun 06 j 20:36	15° 𐌹 11'18	1.35457 AU				
evening rise	-4271 Jun 11 j 05:42	23° 𐌹 40'49		superior conj	-4270 May 17 j 21:14	21° 𐌹 28'00	1°11'43
	-4271 Jun 14 j 15:41	0° 𐌹		minimum elong	-4270 May 17 j 18:38	21° 𐌹 14'13	1°11'22
	-4271 Jul 03 j 10:08	0° 𐌹		max. Earth dist.	-4270 May 20 j 16:24	27° 𐌹 20'21	1.34206 AU
desc. node	-4271 Jul 05 j 00:27	2° 𐌹 11'06			-4270 May 21 j 23:21	0° 𐌹	
evening max el	-4271 Jul 16 j 17:12	15° 𐌹 58'54	26°35'07	evening rise	-4270 May 25 j 17:03	7° 𐌹 30'13	
retrograde	-4271 Jul 29 j 14:40	23° 𐌹 16'04			-4270 Jun 07 j 05:03	0° 𐌹	
evening set	-4271 Aug 05 j 05:31	20° 𐌹 29'39		desc. node	-4270 Jun 21 j 21:33	21° 𐌹 13'45	
min. Earth dist.	-4271 Aug 09 j 05:44	16° 𐌹 17'21	0.65918 AU	evening max el	-4270 Jun 29 j 04:29	29° 𐌹 18'46	27°14'16
inferior conj	-4271 Aug 10 j 20:39	14° 𐌹 19'32	-2°38'15		-4270 Jun 29 j 21:54	0° 𐌹	
minimum elong	-4271 Aug 11 j 00:01	14° 𐌹 09'18	2°36'57	retrograde	-4270 Jul 12 j 14:41	6° 𐌹 42'44	
morning rise	-4271 Aug 16 j 18:50	8° 𐌹 33'52		evening set	-4270 Jul 19 j 15:02	3° 𐌹 55'38	
asc. node	-4271 Aug 19 j 08:11	7° 𐌹 43'09		min. Earth dist.	-4270 Jul 23 j 08:40	0° 𐌹 20'19	0.64696 AU
direct	-4271 Aug 19 j 19:40	7° 𐌹 41'51			-4270 Jul 23 j 16:06	30° 𐌹	
morning max el	-4271 Aug 26 j 13:34	11° 𐌹 27'14	18°40'34	inferior conj	-4270 Jul 25 j 13:16	27° 𐌹 54'06	-3°21'19
	-4271 Sep 08 j 17:33	0° 𐌹		minimum elong	-4270 Jul 25 j 17:00	27° 𐌹 43'43	3°20'11
morning set	-4271 Sep 16 j 04:17	11° 𐌹 56'58		morning rise	-4270 Jul 31 j 19:32	22° 𐌹 23'34	
	-4271 Sep 27 j 12:05	0° 𐌹		direct	-4270 Aug 03 j 14:33	21° 𐌹 42'15	
desc. node	-4271 Sep 30 j 23:58	5° 𐌹 31'02		asc. node	-4270 Aug 06 j 05:17	22° 𐌹 18'10	
				morning max el	-4270 Aug 10 j 03:08	25° 𐌹 12'50	18°09'49
superior conj	-4271 Oct 01 j 21:50	6° 𐌹 57'14	-0°05'47		-4270 Aug 14 j 02:23	0° 𐌹	
minimum elong	-4271 Oct 01 j 21:05	6° 𐌹 54'17	0°05'36	morning set	-4270 Aug 28 j 07:25	22° 𐌹 49'13	
behind sun begin	-4271 Oct 01 j 10:16	6° 𐌹 11'40			-4270 Sep 01 j 14:35	0° 𐌹	
behind sun end	-4271 Oct 02 j 07:54	7° 𐌹 36'53					
max. Earth dist.	-4271 Oct 02 j 09:34	7° 𐌹 43'27	1.44820 AU	superior conj	-4270 Sep 11 j 03:13	15° 𐌹 33'09	0°41'55
	-4271 Oct 16 j 11:48	0° 𐌹		minimum elong	-4270 Sep 11 j 07:56	15° 𐌹 52'03	0°41'27
evening rise	-4271 Oct 18 j 00:16	2° 𐌹 25'09		max. Earth dist.	-4270 Sep 15 j 03:02	21° 𐌹 55'16	1.44489 AU
	-4271 Nov 04 j 21:59	0° 𐌹		desc. node	-4270 Sep 17 j 20:55	26° 𐌹 15'30	
evening max el	-4271 Nov 08 j 22:40	4° 𐌹 50'22	19°01'56		-4270 Sep 20 j 06:05	0° 𐌹	
asc. node	-4271 Nov 15 j 07:01	8° 𐌹 45'34		evening rise	-4270 Sep 27 j 17:08	11° 𐌹 37'26	
retrograde	-4271 Nov 15 j 20:57	8° 𐌹 47'28			-4270 Oct 09 j 16:25	0° 𐌹	
evening set	-4271 Nov 19 j 01:24	7° 𐌹 48'54		greatest brilliancy	-4270 Oct 10 j 17:14	1° 𐌹 33'12	-0.7m
inferior conj	-4271 Nov 24 j 19:05	2° 𐌹 01'02	2°52'18	evening max el	-4270 Oct 23 j 05:14	18° 𐌹 17'18	19°52'59
minimum elong	-4271 Nov 24 j 15:56	2° 𐌹 10'52	2°51'18	retrograde	-4270 Oct 30 j 17:49	22° 𐌹 40'46	
	-4271 Nov 26 j 09:58	30° 𐌹		asc. node	-4270 Nov 02 j 04:09	22° 𐌹 06'26	
min. Earth dist.	-4271 Nov 26 j 07:04	0° 𐌹 08'54	0.65512 AU	evening set	-4270 Nov 03 j 06:29	21° 𐌹 28'12	
morning rise	-4271 Nov 30 j 06:08	25° 𐌹 51'38		inferior conj	-4270 Nov 08 j 19:09	15° 𐌹 27'44	2°07'58
direct	-4271 Dec 06 j 17:56	23° 𐌹 03'22		minimum elong	-4270 Nov 08 j 16:30	15° 𐌹 36'28	2°06'59
	-4271 Dec 19 j 01:05	0° 𐌹		min. Earth dist.	-4270 Nov 09 j 18:17	14° 𐌹 11'24	0.66460 AU
morning max el	-4271 Dec 19 j 14:54	0° 𐌹 34'01	26°34'45	morning rise	-4270 Nov 14 j 02:17	9° 𐌹 14'00	
desc. node	-4271 Dec 27 j 23:51	10° 𐌹 13'00		direct	-4270 Nov 20 j 00:21	6° 𐌹 38'29	
	-4270 Jan 10 j 16:35	0° 𐌹		morning max el	-4270 Dec 01 j 23:51	13° 𐌹 44'29	25°23'47
morning set	-4270 Jan 24 j 14:28	24° 𐌹 11'57		desc. node	-4270 Dec 14 j 20:50	29° 𐌹 26'37	
	-4270 Jan 27 j 14:47	0° 𐌹			-4270 Dec 15 j 06:28	0° 𐌹	
max. Earth dist.	-4270 Jan 28 j 20:41	2° 𐌹 27'25	1.34899 AU		-4269 Jan 03 j 11:14	0° 𐌹	
				morning set	-4269 Jan 07 j 05:36	6° 𐌹 40'02	
superior conj	-4270 Feb 02 j 05:50	11° 𐌹 19'53	-1°21'54	max. Earth dist.	-4269 Jan 11 j 00:01	13° 𐌹 36'51	1.36526 AU
minimum elong	-4270 Feb 02 j 08:54	11° 𐌹 35'41	1°21'40				
evening rise	-4270 Feb 09 j 20:02	27° 𐌹 08'38		superior conj	-4269 Jan 16 j 21:50	25° 𐌹 03'11	-1°39'44
asc. node	-4270 Feb 11 j 06:10	0° 𐌹 03'35		minimum elong	-4269 Jan 17 j 00:44	25° 𐌹 17'38	1°39'40
	-4270 Feb 11 j 05:28	0° 𐌹			-4269 Jan 19 j 09:05	0° 𐌹	
evening max el	-4270 Mar 01 j 02:54	28° 𐌹 08'00	20°57'02	evening rise	-4269 Jan 25 j 00:34	11° 𐌹 27'23	
	-4270 Mar 03 j 06:51	0° 𐌹		asc. node	-4269 Jan 29 j 03:12	19° 𐌹 35'17	
retrograde	-4270 Mar 12 j 12:52	3° 𐌹 34'28			-4269 Feb 03 j 23:55	0° 𐌹	
evening set	-4270 Mar 14 j 22:24	3° 𐌹 20'59		evening max el	-4269 Feb 11 j 14:19	9° 𐌹 47'36	19°45'30

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

retrograde	-4269 Feb 21 j 07:31	14° \approx 23'53		evening set	-4268 Feb 05 j 04:46	25° \approx 34'15	
evening set	-4269 Feb 23 j 15:25	14° \approx 09'14		inferior conj	-4268 Feb 13 j 00:56	21° \approx 32'11	3°25'26
inferior conj	-4269 Mar 04 j 04:50	10° \approx 06'39	2°15'09	minimum elong	-4268 Feb 13 j 05:13	21° \approx 34'24	3°24'27
minimum elong	-4269 Mar 04 j 09:41	9° \approx 59'03	2°13'36	min. Earth dist.	-4268 Feb 16 j 06:23	19° \approx 03'05	0.57575 AU
min. Earth dist.	-4269 Mar 06 j 14:49	8° \approx 36'08	0.56048 AU	morning rise	-4268 Feb 21 j 03:10	16° \approx 34'52	
desc. node	-4269 Mar 12 j 20:02	5° \approx 32'39		direct	-4268 Feb 26 j 14:41	15° \approx 30'24	
morning rise	-4269 Mar 13 j 01:32	5° \approx 28'18		desc. node	-4268 Feb 27 j 17:09	15° \approx 30'53	
direct	-4269 Mar 17 j 07:08	4° \approx 48'16		morning max el	-4268 Mar 11 j 20:19	22° \approx 32'45	25°49'38
morning max el	-4269 Mar 31 j 05:11	11° \approx 47'46	24°17'32		-4268 Mar 18 j 13:04	0° \approx	
	-4269 Apr 14 j 00:24	0° \approx			-4268 Apr 05 j 15:21	0° \approx	
morning set	-4269 Apr 25 j 04:15	21° \approx 12'00		morning set	-4268 Apr 08 j 16:13	6° \approx 14'09	
asc. node	-4269 Apr 27 j 02:51	25° \approx 18'58		asc. node	-4268 Apr 12 j 23:50	15° \approx 12'13	
	-4269 Apr 29 j 07:06	0° \approx					
superior conj	-4269 May 02 j 05:26	6° \approx 20'33	0°50'48	superior conj	-4268 Apr 15 j 16:17	21° \approx 10'53	0°27'39
minimum elong	-4269 May 02 j 03:23	6° \approx 09'25	0°50'26	minimum elong	-4268 Apr 15 j 15:05	21° \approx 14'22	0°27'23
max. Earth dist.	-4269 May 03 j 21:30	9° \approx 56'03	1.33320 AU	max. Earth dist.	-4268 Apr 16 j 08:42	22° \approx 15'05	1.32783 AU
evening rise	-4269 May 09 j 14:33	21° \approx 51'28		evening rise	-4268 Apr 19 j 16:09	0° \approx	
	-4269 May 13 j 18:01	0° \approx			-4268 Apr 22 j 18:55	6° \approx 33'22	
	-4269 Jun 01 j 02:32	0° \approx			-4268 May 05 j 07:38	0° \approx	
desc. node	-4269 Jun 08 j 18:40	9° \approx 24'32		evening max el	-4268 May 23 j 20:14	24° \approx 41'47	27°03'25
evening max el	-4269 Jun 11 j 14:25	12° \approx 17'38	27°25'04	desc. node	-4268 May 25 j 15:48	26° \approx 20'58	
retrograde	-4269 Jun 25 j 08:34	19° \approx 41'39			-4268 May 30 j 18:04	0° \approx	
evening set	-4269 Jul 02 j 12:05	17° \approx 06'50		retrograde	-4268 Jun 06 j 19:25	2° \approx 10'24	
min. Earth dist.	-4269 Jul 06 j 02:14	14° \approx 02'32	0.63106 AU	evening set	-4268 Jun 13 j 16:32	29° \approx 54'35	
inferior conj	-4269 Jul 08 j 20:36	11° \approx 16'52	-3°55'18		-4268 Jun 13 j 12:58	30° \approx 18'18	
minimum elong	-4269 Jul 08 j 23:47	11° \approx 08'52	3°54'36	min. Earth dist.	-4268 Jun 17 j 09:43	27° \approx 09'29	0.61210 AU
morning rise	-4269 Jul 15 j 12:28	6° \approx 04'31		inferior conj	-4268 Jun 20 j 15:15	24° \approx 19'13	-4°15'01
direct	-4269 Jul 18 j 03:50	5° \approx 31'19		minimum elong	-4268 Jun 20 j 16:38	24° \approx 16'10	4°14'47
asc. node	-4269 Jul 24 j 02:23	8° \approx 18'30		morning rise	-4268 Jun 27 j 18:22	19° \approx 27'45	
morning max el	-4269 Jul 24 j 17:59	8° \approx 55'27	17°56'54	direct	-4268 Jun 30 j 07:43	19° \approx 00'51	
	-4269 Aug 07 j 16:33	0° \approx		morning max el	-4268 Jul 07 j 07:21	22° \approx 28'10	18°02'42
morning set	-4269 Aug 10 j 10:44	4° \approx 50'59		asc. node	-4268 Jul 09 j 23:27	25° \approx 27'52	
					-4268 Jul 13 j 04:38	0° \approx	
superior conj	-4269 Aug 22 j 07:42	25° \approx 18'26	1°18'28	morning set	-4268 Jul 23 j 08:38	17° \approx 46'39	
minimum elong	-4269 Aug 22 j 13:23	25° \approx 42'13	1°18'05		-4268 Jul 30 j 01:04	0° \approx	
	-4269 Aug 25 j 03:36	0° \approx		superior conj	-4268 Aug 02 j 15:49	6° \approx 26'06	1°40'19
max. Earth dist.	-4269 Aug 28 j 17:59	5° \approx 51'56	1.43486 AU	minimum elong	-4268 Aug 02 j 19:19	6° \approx 41'28	1°40'18
desc. node	-4269 Sep 04 j 17:53	16° \approx 58'41		max. Earth dist.	-4268 Aug 10 j 03:46	19° \approx 15'35	1.41941 AU
evening rise	-4269 Sep 06 j 21:15	20° \approx 18'38		evening rise	-4268 Aug 16 j 08:19	29° \approx 20'27	
	-4269 Sep 13 j 04:55	0° \approx			-4268 Aug 16 j 18:15	0° \approx	
	-4269 Oct 04 j 15:32	0° \approx		desc. node	-4268 Aug 21 j 14:52	7° \approx 36'48	
evening max el	-4269 Oct 06 j 06:04	1° \approx 43'47	20°57'46		-4268 Sep 05 j 20:10	0° \approx	
retrograde	-4269 Oct 14 j 14:49	6° \approx 40'34		evening max el	-4268 Sep 18 j 00:35	15° \approx 08'41	22°12'53
evening set	-4269 Oct 18 j 13:58	5° \approx 11'16		retrograde	-4268 Sep 27 j 10:14	20° \approx 43'49	
asc. node	-4269 Oct 20 j 01:18	3° \approx 52'47		evening set	-4268 Oct 01 j 21:56	18° \approx 55'37	
	-4269 Oct 23 j 06:01	30° \approx 18'18		asc. node	-4268 Oct 05 j 22:26	14° \approx 25'47	
inferior conj	-4269 Oct 23 j 23:16	29° \approx 01'23	1°18'42	inferior conj	-4268 Oct 07 j 05:28	12° \approx 39'37	0°26'29
minimum elong	-4269 Oct 23 j 21:32	29° \approx 07'20	1°18'00	minimum elong	-4268 Oct 07 j 04:51	12° \approx 41'45	0°26'17
min. Earth dist.	-4269 Oct 24 j 10:56	28° \approx 21'35	0.67076 AU	min. Earth dist.	-4268 Oct 07 j 06:36	12° \approx 35'42	0.67377 AU
morning rise	-4269 Oct 29 j 04:55	22° \approx 45'57		morning rise	-4268 Oct 12 j 11:39	6° \approx 25'12	
direct	-4269 Nov 03 j 11:47	20° \approx 29'34		direct	-4268 Oct 17 j 03:29	4° \approx 30'20	
morning max el	-4269 Nov 14 j 08:36	26° \approx 58'39	24°00'29	morning max el	-4268 Oct 26 j 19:45	10° \approx 16'14	22°34'15
	-4269 Nov 17 j 04:10	0° \approx			-4268 Nov 11 j 06:32	0° \approx	
desc. node	-4269 Dec 01 j 17:49	19° \approx 11'51		desc. node	-4268 Nov 17 j 14:46	9° \approx 19'11	
	-4269 Dec 08 j 22:17	0° \approx		morning set	-4268 Nov 29 j 11:21	27° \approx 52'46	
morning set	-4269 Dec 19 j 22:21	17° \approx 57'39			-4268 Nov 30 j 18:25	0° \approx	
max. Earth dist.	-4269 Dec 23 j 20:35	24° \approx 49'25	1.38490 AU	max. Earth dist.	-4268 Dec 04 j 18:03	6° \approx 39'31	1.40551 AU
	-4269 Dec 26 j 17:25	0° \approx					
superior conj	-4269 Dec 31 j 01:36	8° \approx 05'35	-1°51'23	superior conj	-4268 Dec 12 j 12:17	20° \approx 14'07	-1°53'45
minimum elong	-4269 Dec 31 j 03:16	8° \approx 13'32	1°51'29	minimum elong	-4268 Dec 12 j 11:19	20° \approx 09'48	1°53'53
evening rise	-4268 Jan 08 j 22:28	25° \approx 20'42			-4268 Dec 17 j 19:52	0° \approx	
	-4268 Jan 11 j 07:51	0° \approx		evening rise	-4268 Dec 22 j 10:47	8° \approx 14'25	
asc. node	-4268 Jan 16 j 00:15	8° \approx 34'21		asc. node	-4267 Jan 01 j 21:18	27° \approx 16'12	
evening max el	-4268 Jan 25 j 11:43	22° \approx 01'51	18°52'57		-4267 Jan 03 j 17:44	0° \approx	
retrograde	-4268 Feb 02 j 18:15	26° \approx 00'35		evening max el	-4267 Jan 07 j 16:59	4° \approx 44'51	18°20'33
				retrograde	-4267 Jan 14 j 23:41	8° \approx 21'35	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening set	-4267 Jan 17 j 13:03	7°♄55'59		asc. node	-4267 Dec 19 j 18:23	15°♄06'26	
inferior conj	-4267 Jan 24 j 17:34	3°♄16'03	3°58'43	evening max el	-4267 Dec 22 j 03:20	17°♄47'53	18°08'07
minimum elong	-4267 Jan 24 j 19:09	3°♄12'43	3°58'24	retrograde	-4267 Dec 28 j 20:43	21°♄16'18	
min. Earth dist.	-4267 Jan 28 j 02:04	0°♄27'42	0.59493 AU	evening set	-4267 Dec 31 j 12:56	20°♄43'23	
	-4267 Jan 28 j 16:08	30°♄17'		inferior conj	-4266 Jan 07 j 04:35	15°♄42'09	4°02'31
morning rise	-4267 Jan 31 j 23:20	27°♄45'48		minimum elong	-4266 Jan 07 j 03:34	15°♄44'37	4°02'17
direct	-4267 Feb 07 j 10:30	25°♄54'32		min. Earth dist.	-4266 Jan 10 j 04:56	12°♄48'07	0.61485 AU
desc. node	-4267 Feb 13 j 14:15	27°♄28'45		morning rise	-4266 Jan 13 j 16:58	9°♄56'07	
	-4267 Feb 17 j 14:50	0°♄		direct	-4266 Jan 20 j 16:44	7°♄30'40	
morning max el	-4267 Feb 21 j 16:01	3°♄30'21	26°59'46	desc. node	-4266 Jan 31 j 11:19	12°♄16'56	
	-4267 Mar 13 j 00:04	0°♄		morning max el	-4266 Feb 03 j 17:54	15°♄13'17	27°37'15
morning set	-4267 Mar 24 j 02:17	21°♄10'16			-4266 Feb 15 j 19:59	0°♄	
	-4267 Mar 28 j 05:49	0°♄			-4266 Mar 05 j 10:24	0°♄	
asc. node	-4267 Mar 30 j 20:47	5°♄43'14		morning set	-4266 Mar 08 j 08:26	5°♄51'52	
				max. Earth dist.	-4266 Mar 14 j 10:13	18°♄43'10	1.32719 AU
superior conj	-4267 Mar 31 j 04:04	6°♄23'04	0°03'11				
minimum elong	-4267 Mar 31 j 03:56	6°♄22'18	0°03'04	superior conj	-4266 Mar 15 j 15:04	21°♄19'55	-0°21'52
behind sun begin	-4267 Mar 30 j 23:00	5°♄55'22		minimum elong	-4266 Mar 15 j 16:03	21°♄25'16	0°21'48
behind sun end	-4267 Mar 31 j 08:51	6°♄49'14		asc. node	-4266 Mar 17 j 17:45	25°♄56'03	
max. Earth dist.	-4267 Mar 30 j 22:15	5°♄51'15	1.32580 AU		-4266 Mar 19 j 14:40	0°♄	
evening rise	-4267 Apr 07 j 03:41	21°♄27'28		evening rise	-4266 Mar 22 j 14:44	6°♄25'14	
	-4267 Apr 11 j 08:35	0°♄			-4266 Apr 04 j 03:22	0°♄	
	-4267 Apr 30 j 00:09	0°♄		evening max el	-4266 Apr 17 j 13:48	17°♄27'36	24°50'33
evening max el	-4267 May 05 j 19:53	6°♄23'55	26°09'45	desc. node	-4266 Apr 29 j 10:03	24°♄22'47	
desc. node	-4267 May 12 j 12:55	11°♄32'50		retrograde	-4266 May 01 j 14:07	24°♄33'45	
retrograde	-4267 May 19 j 21:59	13°♄41'26		evening set	-4266 May 06 j 11:25	23°♄39'04	
evening set	-4267 May 26 j 00:38	12°♄09'04		min. Earth dist.	-4266 May 12 j 02:03	20°♄42'55	0.57262 AU
min. Earth dist.	-4267 May 30 j 08:36	9°♄26'29	0.59169 AU	inferior conj	-4266 May 15 j 00:29	18°♄46'18	-3°38'22
inferior conj	-4267 Jun 02 j 17:35	6°♄52'07	-4°12'43	minimum elong	-4266 May 14 j 19:29	18°♄54'38	3°37'24
minimum elong	-4267 Jun 02 j 15:50	6°♄55'29	4°12'30	morning rise	-4266 May 23 j 06:41	14°♄36'08	
morning rise	-4267 Jun 10 j 09:34	2°♄22'35		direct	-4266 May 25 j 17:52	14°♄18'40	
direct	-4267 Jun 12 j 21:43	2°♄00'54		morning max el	-4266 Jun 03 j 18:12	18°♄30'48	19°13'50
morning max el	-4267 Jun 20 j 16:24	5°♄43'21	18°28'08		-4266 Jun 12 j 09:40	0°♄	
asc. node	-4267 Jun 26 j 20:29	13°♄31'31		asc. node	-4266 Jun 13 j 17:29	2°♄16'16	
	-4267 Jul 06 j 02:44	0°♄		morning set	-4266 Jun 20 j 17:46	15°♄32'50	
morning set	-4267 Jul 06 j 20:16	1°♄23'59			-4266 Jun 28 j 00:40	0°♄	
superior conj	-4267 Jul 15 j 23:43	18°♄45'54	1°48'52	superior conj	-4266 Jun 29 j 01:29	2°♄00'53	1°47'02
minimum elong	-4267 Jul 16 j 00:28	18°♄49'24	1°49'03	minimum elong	-4266 Jun 29 j 00:12	1°♄54'39	1°47'09
	-4267 Jul 22 j 05:18	0°♄		max. Earth dist.	-4266 Jul 05 j 09:00	13°♄55'19	1.38124 AU
max. Earth dist.	-4267 Jul 23 j 07:40	1°♄54'59	1.40068 AU	evening rise	-4266 Jul 09 j 05:55	20°♄51'32	
evening rise	-4267 Jul 27 j 17:58	9°♄27'14			-4266 Jul 14 j 14:29	0°♄	
desc. node	-4267 Aug 08 j 11:51	28°♄06'06		desc. node	-4266 Jul 26 j 08:52	18°♄21'44	
	-4267 Aug 09 j 18:10	0°♄			-4266 Aug 03 j 17:42	0°♄	
evening max el	-4267 Aug 31 j 13:58	28°♄34'11	23°33'21	evening max el	-4266 Aug 14 j 00:54	12°♄03'14	24°52'32
	-4267 Sep 02 j 01:40	0°♄		retrograde	-4266 Aug 25 j 15:29	18°♄49'34	
retrograde	-4267 Sep 11 j 02:48	4°♄47'57		evening set	-4266 Aug 31 j 08:17	16°♄23'13	
evening set	-4267 Sep 16 j 04:38	2°♄40'04		min. Earth dist.	-4266 Sep 04 j 21:26	11°♄10'50	0.67078 AU
	-4267 Sep 18 j 17:44	30°♄17'		inferior conj	-4266 Sep 05 j 17:08	10°♄05'24	-1°19'56
inferior conj	-4267 Sep 21 j 11:59	26°♄21'23	-0°26'58	minimum elong	-4266 Sep 05 j 18:59	9°♄59'15	1°19'01
minimum elong	-4267 Sep 21 j 12:36	26°♄19'14	0°26'34	asc. node	-4266 Sep 09 j 16:41	5°♄19'12	
min. Earth dist.	-4267 Sep 21 j 02:54	26°♄52'29	0.67381 AU	morning rise	-4266 Sep 11 j 05:43	4°♄01'48	
asc. node	-4267 Sep 22 j 19:35	24°♄34'31		direct	-4266 Sep 14 j 20:18	2°♄46'31	
morning rise	-4267 Sep 26 j 20:31	20°♄10'50		morning max el	-4266 Sep 22 j 11:56	7°♄12'59	20°02'18
direct	-4267 Sep 30 j 22:43	18°♄36'55			-4266 Oct 09 j 04:40	0°♄	
morning max el	-4267 Oct 09 j 12:18	23°♄40'16	21°12'56	morning set	-4266 Oct 18 j 19:45	14°♄45'45	
	-4267 Oct 14 j 22:41	0°♄		desc. node	-4266 Oct 22 j 08:35	20°♄15'39	
desc. node	-4267 Nov 04 j 11:41	29°♄41'56			-4266 Oct 28 j 13:06	0°♄	
	-4267 Nov 04 j 16:22	0°♄		max. Earth dist.	-4266 Oct 30 j 07:46	2°♄49'51	1.43873 AU
morning set	-4267 Nov 08 j 21:29	6°♄32'54					
max. Earth dist.	-4267 Nov 16 j 21:20	19°♄20'49	1.42431 AU	superior conj	-4266 Nov 04 j 08:44	10°♄57'19	-1°16'26
	-4267 Nov 23 j 06:41	0°♄		minimum elong	-4266 Nov 04 j 01:50	10°♄29'17	1°15'44
					-4266 Nov 15 j 18:41	0°♄	
superior conj	-4267 Nov 24 j 00:06	1°♄14'08	-1°43'10	evening rise	-4266 Nov 17 j 15:10	3°♄10'14	
minimum elong	-4267 Nov 23 j 19:30	0°♄54'33	1°42'58		-4266 Dec 04 j 16:00	0°♄	
evening rise	-4267 Dec 05 j 09:48	21°♄20'45		evening max el	-4266 Dec 05 j 15:57	1°♄04'13	18°14'52
	-4267 Dec 10 j 05:34	0°♄		asc. node	-4266 Dec 06 j 15:29	2°♄00'19	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

retrograde	-4266 Dec 12 j 05:05	4°♄35'56			-4265 Nov 08 j 18:17	0°♍	
evening set	-4266 Dec 15 j 00:56	3°♄54'25		evening max el	-4265 Nov 19 j 04:05	14°♍27'39	18°39'49
	-4266 Dec 19 j 21:44	30°♍		asc. node	-4265 Nov 23 j 12:36	17°♍42'35	
inferior conj	-4266 Dec 21 j 06:19	28°♍33'05	3°45'34	retrograde	-4265 Nov 25 j 20:51	18°♍12'38	
minimum elong	-4266 Dec 21 j 03:42	28°♍40'11	3°45'01	evening set	-4265 Nov 28 j 21:43	17°♍20'46	
min. Earth dist.	-4266 Dec 23 j 17:05	25°♍53'54	0.63307 AU	inferior conj	-4265 Dec 04 j 19:05	11°♍41'39	3°14'36
morning rise	-4266 Dec 27 j 05:47	22°♍35'59		minimum elong	-4265 Dec 04 j 15:54	11°♍51'10	3°13'42
direct	-4265 Jan 03 j 07:05	19°♍50'00		min. Earth dist.	-4265 Dec 06 j 15:05	9°♍30'32	0.64815 AU
morning max el	-4265 Jan 17 j 00:42	27°♍33'46	27°38'29	morning rise	-4265 Dec 10 j 09:42	5°♍36'14	
desc. node	-4265 Jan 18 j 08:21	28°♍54'09		direct	-4265 Dec 17 j 04:06	2°♍45'12	
	-4265 Jan 19 j 09:04	0°♄		morning max el	-4265 Dec 30 j 10:01	10°♍22'51	27°06'06
	-4265 Feb 09 j 11:37	0°♂		desc. node	-4264 Jan 05 j 05:22	16°♍48'56	
morning set	-4265 Feb 20 j 08:20	20°♂10'45			-4264 Jan 15 j 00:08	0°♄	
	-4265 Feb 25 j 02:56	0°♁			-4264 Feb 01 j 21:24	0°♂	
max. Earth dist.	-4265 Feb 25 j 16:45	1°♁12'56	1.33233 AU	morning set	-4264 Feb 03 j 22:56	3°♂56'45	
				max. Earth dist.	-4264 Feb 08 j 14:16	13°♂10'28	1.34164 AU
superior conj	-4265 Feb 27 j 23:36	6°♁05'28	-0°46'31				
minimum elong	-4265 Feb 28 j 01:38	6°♁16'20	0°46'19	superior conj	-4264 Feb 12 j 03:44	20°♂32'56	-1°09'44
asc. node	-4265 Mar 04 j 14:44	16°♁03'39		minimum elong	-4264 Feb 12 j 06:33	20°♂47'43	1°09'29
evening rise	-4265 Mar 07 j 02:19	21°♁20'19			-4264 Feb 16 j 15:01	0°♁	
	-4265 Mar 11 j 08:11	0°♂		asc. node	-4264 Feb 19 j 11:45	6°♁01'36	
evening max el	-4265 Mar 30 j 05:56	28°♂11'57	23°17'50	evening rise	-4264 Feb 19 j 12:41	6°♁06'23	
	-4265 Apr 01 j 06:24	0°♄			-4264 Mar 03 j 15:13	0°♂	
retrograde	-4265 Apr 12 j 17:19	4°♄51'20		evening max el	-4264 Mar 11 j 02:12	9°♂03'03	21°45'30
evening set	-4265 Apr 16 j 07:05	4°♄23'23		retrograde	-4264 Mar 23 j 09:26	14°♂58'58	
desc. node	-4265 Apr 16 j 07:11	4°♄23'18		evening set	-4264 Mar 26 j 01:22	14°♂43'05	
min. Earth dist.	-4265 Apr 23 j 16:55	1°♄02'18	0.55837 AU	desc. node	-4264 Apr 02 j 04:19	11°♂53'43	
inferior conj	-4265 Apr 25 j 11:48	29°♂59'01	-2°24'21	inferior conj	-4264 Apr 04 j 09:28	10°♂40'01	-0°36'42
minimum elong	-4265 Apr 25 j 06:15	0°♄07'15	2°22'45	minimum elong	-4264 Apr 04 j 07:46	10°♂42'25	0°36'12
	-4265 Apr 25 j 11:08	30°♂		min. Earth dist.	-4264 Apr 04 j 06:53	10°♂43'40	0.55191 AU
morning rise	-4265 May 04 j 07:57	26°♂00'27		morning rise	-4264 Apr 13 j 14:50	6°♂39'02	
direct	-4265 May 06 j 19:48	25°♂45'12		direct	-4264 Apr 16 j 09:35	6°♂21'52	
	-4265 May 16 j 15:47	0°♄		morning max el	-4264 Apr 28 j 15:20	12°♂10'28	21°43'59
morning max el	-4265 May 17 j 10:13	0°♄41'23	20°19'44		-4264 May 11 j 14:48	0°♄	
asc. node	-4265 May 31 j 14:27	21°♄32'13		asc. node	-4264 May 17 j 11:27	11°♄11'40	
morning set	-4265 Jun 04 j 22:08	0°♂05'19		morning set	-4264 May 19 j 07:06	14°♄55'05	
	-4265 Jun 04 j 21:05	0°♂			-4264 May 26 j 11:37	0°♂	
superior conj	-4265 Jun 12 j 16:08	15°♂56'34	1°37'29	superior conj	-4264 May 26 j 15:52	0°♂22'08	1°22'21
minimum elong	-4265 Jun 12 j 13:44	15°♂44'28	1°37'25	minimum elong	-4264 May 26 j 13:09	0°♂08'01	1°22'05
max. Earth dist.	-4265 Jun 17 j 14:24	25°♂41'27	1.36349 AU	max. Earth dist.	-4264 May 30 j 04:54	7°♂39'53	1.34885 AU
	-4265 Jun 19 j 20:39	0°♂		evening rise	-4264 Jun 03 j 20:14	16°♂50'01	
evening rise	-4265 Jun 21 j 16:27	3°♂23'58			-4264 Jun 11 j 00:30	0°♂	
	-4265 Jul 07 j 13:35	0°♄		desc. node	-4264 Jun 29 j 03:02	27°♂42'26	
desc. node	-4265 Jul 13 j 05:56	8°♄16'47			-4264 Jun 30 j 21:57	0°♄	
evening max el	-4265 Jul 27 j 11:45	25°♄34'45	26°02'26	evening max el	-4264 Jul 08 j 23:11	9°♄02'24	26°54'49
	-4265 Aug 01 j 17:48	0°♂		retrograde	-4264 Jul 22 j 02:22	16°♄22'32	
retrograde	-4265 Aug 08 j 23:30	2°♂43'06		evening set	-4264 Jul 28 j 21:59	13°♄34'30	
evening set	-4265 Aug 15 j 06:51	0°♂02'15		min. Earth dist.	-4264 Aug 01 j 19:15	9°♄38'23	0.65454 AU
	-4265 Aug 15 j 07:53	30°♂		inferior conj	-4264 Aug 03 j 15:50	7°♄27'59	-2°57'21
min. Earth dist.	-4265 Aug 19 j 11:40	25°♄27'37	0.66446 AU	minimum elong	-4264 Aug 03 j 19:27	7°♄17'25	2°56'05
inferior conj	-4265 Aug 20 j 19:06	23°♄48'35	-2°10'45	morning rise	-4264 Aug 09 j 17:16	1°♄48'20	
minimum elong	-4265 Aug 20 j 22:01	23°♄39'25	2°09'31	direct	-4264 Aug 12 j 15:28	1°♄01'05	
morning rise	-4265 Aug 26 j 13:19	17°♄55'20		asc. node	-4264 Aug 13 j 10:53	1°♄04'41	
asc. node	-4265 Aug 27 j 13:47	17°♄23'29		morning max el	-4264 Aug 19 j 06:06	4°♄38'44	18°25'21
direct	-4265 Aug 29 j 18:35	16°♄55'35			-4264 Sep 05 j 09:54	0°♂	
morning max el	-4265 Sep 05 j 18:24	20°♄53'16	19°05'48	morning set	-4264 Sep 07 j 17:04	3°♂45'41	
	-4265 Sep 12 j 22:21	0°♂					
morning set	-4265 Sep 28 j 05:34	23°♂37'43		superior conj	-4264 Sep 22 j 16:24	27°♂50'40	0°15'18
	-4265 Oct 02 j 06:42	0°♎		minimum elong	-4264 Sep 22 j 18:22	27°♂58'27	0°15'09
desc. node	-4265 Oct 09 j 05:31	10°♎56'06		behind sun begin	-4264 Sep 22 j 14:10	27°♂41'52	
max. Earth dist.	-4265 Oct 12 j 23:55	16°♎52'17	1.44687 AU	behind sun end	-4264 Sep 22 j 22:33	28°♂15'03	
					-4264 Sep 24 j 01:07	0°♎	
superior conj	-4265 Oct 14 j 16:46	19°♎33'39	-0°34'10	max. Earth dist.	-4264 Sep 24 j 18:22	1°♎08'06	1.44776 AU
minimum elong	-4265 Oct 14 j 12:27	19°♎16'36	0°33'33	desc. node	-4264 Sep 25 j 02:30	1°♎40'10	
	-4265 Oct 21 j 06:16	0°♂		evening rise	-4264 Oct 09 j 04:16	23°♎46'52	
evening rise	-4265 Oct 29 j 22:11	14°♂00'25			-4264 Oct 13 j 03:21	0°♂	





























































































































Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

greatest brilliancy	-4264 Oct 19 j 09:59	9° Ω 47'20	-0.8m			-4263 Oct 06 j 18:20	0° Ω	
evening max el	-4264 Nov 01 j 13:16	27° Ω 54'02	19°21'46	evening max el	-4263 Oct 15 j 17:27	11° Ω 20'42	20°18'59	
	-4264 Nov 03 j 20:25	0° \mathbb{M}		retrograde	-4263 Oct 23 j 14:03	15° Ω 58'02		
retrograde	-4264 Nov 08 j 16:44	2° \mathbb{M} 01'18		evening set	-4263 Oct 27 j 06:52	14° Ω 38'37		
asc. node	-4264 Nov 09 j 09:44	1° \mathbb{M} 58'24		asc. node	-4263 Oct 27 j 06:52	14° Ω 38'37		
evening set	-4264 Nov 12 j 00:30	0° \mathbb{M} 56'54		inferior conj	-4263 Nov 01 j 17:53	8° Ω 33'27	1°47'33	
	-4264 Nov 13 j 06:36	30° \mathbb{R} Ω		minimum elong	-4263 Nov 01 j 15:35	8° Ω 41'11	1°46'39	
inferior conj	-4264 Nov 17 j 15:48	25° Ω 03'01	2°34'13	min. Earth dist.	-4263 Nov 02 j 11:56	7° Ω 32'49	0.66756 AU	
minimum elong	-4264 Nov 17 j 12:49	25° Ω 12'37	2°33'11	morning rise	-4263 Nov 07 j 00:06	2° Ω 18'30		
min. Earth dist.	-4264 Nov 18 j 22:01	23° Ω 26'16	0.65962 AU		-4263 Nov 11 j 04:45	30° \mathbb{R} \mathbb{M}		
morning rise	-4264 Nov 23 j 00:53	18° Ω 51'36		direct	-4263 Nov 12 j 15:36	29° \mathbb{M} 50'48		
direct	-4264 Nov 29 j 07:04	16° Ω 08'02			-4263 Nov 14 j 03:42	0° Ω		
morning max el	-4264 Dec 11 j 19:38	23° Ω 29'17	26°06'43	morning max el	-4263 Nov 24 j 04:33	6° Ω 42'56	24°49'20	
	-4264 Dec 17 j 15:59	0° \mathbb{M}		desc. node	-4263 Dec 08 j 23:23	25° Ω 07'22		
desc. node	-4264 Dec 22 j 02:22	5° \mathbb{M} 38'42			-4263 Dec 12 j 08:26	0° \mathbb{M}		
	-4263 Jan 07 j 08:21	0° \mathbb{X}		morning set	-4263 Dec 30 j 06:35	28° \mathbb{M} 58'26		
morning set	-4263 Jan 17 j 00:07	16° \mathbb{X} 57'34			-4263 Dec 30 j 20:29	0° \mathbb{X}		
max. Earth dist.	-4263 Jan 21 j 00:23	24° \mathbb{X} 34'46	1.35542 AU	max. Earth dist.	-4262 Jan 03 j 00:14	5° \mathbb{X} 42'21	1.37326 AU	
	-4263 Jan 23 j 18:28	0° \mathbb{Z}						
superior conj	-4263 Jan 26 j 01:01	4° \mathbb{Z} 34'42	-1°30'05	superior conj	-4262 Jan 09 j 12:20	18° \mathbb{X} 02'10	-1°45'36	
minimum elong	-4263 Jan 26 j 04:07	4° \mathbb{Z} 50'29	1°29'54	minimum elong	-4262 Jan 09 j 14:53	18° \mathbb{X} 14'35	1°45'37	
evening rise	-4263 Feb 02 j 19:58	20° \mathbb{Z} 37'05			-4262 Jan 15 j 12:54	0° \mathbb{Z}		
asc. node	-4263 Feb 05 j 08:48	25° \mathbb{Z} 44'37		evening rise	-4262 Jan 17 j 22:03	4° \mathbb{Z} 46'18		
	-4263 Feb 07 j 13:06	0° \approx		asc. node	-4262 Jan 23 j 05:51	15° \mathbb{Z} 07'03		
evening max el	-4263 Feb 21 j 07:22	20° \approx 21'27	20°24'24		-4262 Feb 01 j 19:42	0° \approx		
retrograde	-4263 Mar 03 j 23:55	25° \approx 26'08		evening max el	-4262 Feb 03 j 23:10	2° \approx 16'18	19°20'43	
evening set	-4263 Mar 06 j 07:46	25° \approx 12'43		retrograde	-4262 Feb 13 j 00:48	6° \approx 35'12		
inferior conj	-4263 Mar 15 j 06:10	21° \approx 14'11	1°18'18	evening set	-4262 Feb 15 j 09:23	6° \approx 19'00		
minimum elong	-4263 Mar 15 j 09:30	21° \approx 09'16	1°17'05	inferior conj	-4262 Feb 23 j 15:27	2° \approx 10'23	2°49'42	
min. Earth dist.	-4263 Mar 16 j 20:55	20° \approx 17'11	0.55472 AU	minimum elong	-4262 Feb 23 j 20:30	2° \approx 01'59	2°48'17	
desc. node	-4263 Mar 20 j 01:27	18° \approx 32'39		min. Earth dist.	-4262 Feb 26 j 11:54	0° \approx 17'12	0.56618 AU	
morning rise	-4263 Mar 24 j 09:42	16° \approx 52'47			-4262 Feb 26 j 22:43	30° \mathbb{R} \mathbb{Z}		
direct	-4263 Mar 27 j 23:01	16° \approx 25'14		morning rise	-4262 Mar 04 j 04:57	27° \mathbb{Z} 18'51		
morning max el	-4263 Apr 10 j 11:05	23° \approx 02'56	23°20'41	desc. node	-4262 Mar 06 j 22:35	26° \mathbb{Z} 36'22		
	-4263 Apr 16 j 14:35	0° \mathbb{X}		direct	-4262 Mar 08 j 23:09	26° \mathbb{Z} 26'48		
morning set	-4263 May 03 j 18:36	29° \mathbb{X} 54'30			-4262 Mar 18 j 17:15	0° \approx		
	-4263 May 03 j 19:39	0° \mathbb{Y}		morning max el	-4262 Mar 23 j 02:16	3° \approx 38'56	24°58'32	
asc. node	-4263 May 04 j 08:28	1° \mathbb{Y} 07'14			-4262 Apr 10 j 17:20	0° \mathbb{X}		
				morning set	-4262 Apr 18 j 06:51	14° \mathbb{X} 57'16		
superior conj	-4263 May 10 j 21:39	15° \mathbb{Y} 07'10	1°03'11	asc. node	-4262 Apr 21 j 05:27	21° \mathbb{X} 13'31		
minimum elong	-4263 May 10 j 19:14	14° \mathbb{Y} 54'14	1°02'50					
max. Earth dist.	-4263 May 13 j 05:01	20° \mathbb{Y} 01'06	1.33781 AU	superior conj	-4262 Apr 25 j 07:13	0° \mathbb{Y} 03'57	0°41'13	
	-4263 May 18 j 01:27	0° \mathbb{Z}		minimum elong	-4262 Apr 25 j 05:29	29° \mathbb{X} 54'36	0°40'53	
evening rise	-4263 May 18 j 12:20	0° \mathbb{Z} 54'20			-4262 Apr 25 j 06:29	0° \mathbb{Y}		
	-4263 Jun 03 j 23:50	0° \mathbb{I}		max. Earth dist.	-4262 Apr 26 j 12:54	2° \mathbb{Y} 44'47	1.33044 AU	
desc. node	-4263 Jun 16 j 00:07	16° \mathbb{I} 25'26		evening rise	-4262 May 02 j 13:05	15° \mathbb{Y} 25'17		
evening max el	-4263 Jun 21 j 10:01	22° \mathbb{I} 14'29	27°22'29		-4262 May 10 j 02:04	0° \mathbb{Z}		
retrograde	-4263 Jul 04 j 23:48	29° \mathbb{I} 39'04			-4262 May 30 j 01:37	0° \mathbb{I}		
evening set	-4263 Jul 12 j 02:40	26° \mathbb{I} 55'08		desc. node	-4262 Jun 02 j 21:13	4° \mathbb{I} 07'39		
min. Earth dist.	-4263 Jul 15 j 18:10	23° \mathbb{I} 34'24	0.64072 AU	evening max el	-4262 Jun 03 j 18:17	4° \mathbb{I} 59'09	27°19'51	
inferior conj	-4263 Jul 18 j 04:52	20° \mathbb{I} 58'17	-3°37'04	retrograde	-4262 Jun 17 j 15:07	12° \mathbb{I} 23'15		
minimum elong	-4263 Jul 18 j 08:30	20° \mathbb{I} 48'35	3°36'06	evening set	-4262 Jun 24 j 17:12	9° \mathbb{I} 57'35		
morning rise	-4263 Jul 24 j 15:04	15° \mathbb{I} 35'27		min. Earth dist.	-4262 Jun 28 j 07:24	7° \mathbb{I} 03'20	0.62329 AU	
direct	-4263 Jul 27 j 08:20	14° \mathbb{I} 57'52		inferior conj	-4262 Jul 01 j 07:12	4° \mathbb{I} 13'09	-4°05'49	
asc. node	-4263 Jul 31 j 07:59	16° \mathbb{I} 18'00		minimum elong	-4262 Jul 01 j 09:48	4° \mathbb{I} 06'57	4°05'21	
morning max el	-4263 Aug 02 j 20:37	18° \mathbb{I} 24'18	18°02'05		-4262 Jul 06 j 10:48	30° \mathbb{R} \mathbb{Z}		
	-4263 Aug 11 j 07:44	0° \mathbb{S}		morning rise	-4262 Jul 08 j 03:42	29° \mathbb{Z} 09'38		
morning set	-4263 Aug 20 j 07:06	15° \mathbb{S} 09'18		direct	-4262 Jul 10 j 17:54	28° \mathbb{Z} 39'28		
	-4263 Aug 29 j 01:54	0° \mathbb{Q}			-4262 Jul 14 j 22:12	0° \mathbb{I}		
superior conj	-4263 Sep 02 j 06:13	6° \mathbb{Q} 52'31	0°59'10	morning max el	-4262 Jul 17 j 11:13	2° \mathbb{I} 03'51	17°57'00	
minimum elong	-4263 Sep 02 j 11:55	7° \mathbb{Q} 15'42	0°58'39	asc. node	-4262 Jul 18 j 05:03	2° \mathbb{I} 49'31		
max. Earth dist.	-4263 Sep 07 j 11:10	15° \mathbb{Q} 15'58	1.44140 AU	morning set	-4262 Aug 02 j 18:58	27° \mathbb{I} 35'24		
desc. node	-4263 Sep 11 j 23:28	22° \mathbb{Q} 24'32			-4262 Aug 04 j 03:11	0° \mathbb{S}		
	-4263 Sep 16 j 20:10	0° \mathbb{M}		superior conj	-4262 Aug 13 j 22:37	17° \mathbb{S} 13'25	1°29'31	
evening rise	-4263 Sep 18 j 13:41	2° \mathbb{M} 40'43		minimum elong	-4262 Aug 14 j 03:36	17° \mathbb{S} 34'37	1°29'17	
				max. Earth dist.	-4262 Aug 20 j 23:36	28° \mathbb{S} 58'27	1.42882 AU	





































































































































Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4262 Aug 21 j 14:42	0°♊		desc. node	-4261 Aug 16 j 17:23	3°♊41'05	
evening rise	-4262 Aug 28 j 18:09	11°♊23'26			-4261 Sep 04 j 05:48	0°♊	
desc. node	-4262 Aug 29 j 20:25	13°♊05'54		evening max el	-4261 Sep 11 j 07:43	8°♊11'56	22°46'51
	-4262 Sep 09 j 23:51	0°♊		retrograde	-4261 Sep 21 j 04:52	14°♊03'29	
evening max el	-4262 Sep 28 j 15:28	24°♊46'04	21°28'45	evening set	-4261 Sep 25 j 22:22	12°♊07'10	
retrograde	-4262 Oct 07 j 10:36	29°♊59'17		inferior conj	-4261 Oct 01 j 05:39	5°♊49'49	0°03'53
evening set	-4262 Oct 11 j 14:44	28°♊22'21		minimum elong	-4261 Oct 01 j 05:34	5°♊50'09	0°03'56
asc. node	-4262 Oct 14 j 04:00	25°♊49'23		transit middle	-4261 Oct 01 j 05:34	5°♊50'09	0°03'56
inferior conj	-4262 Oct 16 j 23:06	22°♊09'24	0°56'48	transit begin	-4261 Oct 01 j 02:56	5°♊59'11	
minimum elong	-4262 Oct 16 j 21:49	22°♊13'50	0°56'18	transit end	-4261 Oct 01 j 08:11	5°♊41'07	
min. Earth dist.	-4262 Oct 17 j 06:15	21°♊44'46	0.67237 AU	min. Earth dist.	-4261 Oct 01 j 02:32	6°♊00'34	0.67420 AU
morning rise	-4262 Oct 22 j 04:43	15°♊53'47		asc. node	-4261 Oct 01 j 01:07	6°♊05'27	
direct	-4262 Oct 27 j 05:03	13°♊46'18			-4261 Oct 06 j 01:36	30°♊	
morning max el	-4262 Nov 06 j 13:52	19°♊58'04	23°23'33	morning rise	-4261 Oct 06 j 12:37	29°♊36'34	
	-4262 Nov 15 j 02:03	0°♊		direct	-4261 Oct 10 j 22:33	27°♊50'33	
desc. node	-4262 Nov 25 j 20:19	15°♊02'45			-4261 Oct 16 j 09:17	0°♊	
	-4262 Dec 05 j 13:50	0°♊		morning max el	-4261 Oct 20 j 02:49	3°♊17'38	21°58'33
morning set	-4262 Dec 11 j 11:58	9°♊41'42			-4261 Nov 09 j 04:49	0°♊	
max. Earth dist.	-4262 Dec 15 j 19:41	17°♊04'59	1.39367 AU	desc. node	-4261 Nov 12 j 17:15	5°♊17'28	
				morning set	-4261 Nov 21 j 12:38	19°♊01'25	
superior conj	-4262 Dec 23 j 09:26	0°♊43'00	-1°53'44	max. Earth dist.	-4261 Nov 27 j 19:02	29°♊15'34	1.41398 AU
minimum elong	-4262 Dec 23 j 10:10	0°♊46'24	1°53'53		-4261 Nov 28 j 05:41	0°♊	
	-4262 Dec 23 j 00:10	0°♊					
evening rise	-4261 Jan 01 j 16:12	18°♊26'06		superior conj	-4261 Dec 05 j 11:06	12°♊24'15	-1°51'05
	-4261 Jan 07 j 19:34	0°♊		minimum elong	-4261 Dec 05 j 08:38	12°♊13'27	1°51'07
asc. node	-4261 Jan 10 j 02:54	4°♊00'58			-4261 Dec 15 j 03:53	0°♊	
evening max el	-4261 Jan 18 j 00:17	14°♊43'46	18°36'45	evening rise	-4261 Dec 15 j 23:18	1°♊29'49	
retrograde	-4261 Jan 25 j 19:15	18°♊30'59		asc. node	-4261 Dec 27 j 23:58	22°♊17'31	
evening set	-4261 Jan 28 j 07:02	18°♊09'10		evening max el	-4260 Jan 01 j 08:06	27°♊36'15	18°12'51
inferior conj	-4261 Feb 04 j 20:16	13°♊41'53	3°43'42		-4260 Jan 04 j 09:35	0°♊	
minimum elong	-4261 Feb 04 j 23:31	13°♊35'37	3°43'04	retrograde	-4260 Jan 08 j 07:40	1°♊07'28	
min. Earth dist.	-4261 Feb 08 j 05:01	11°♊07'14	0.58364 AU	evening set	-4260 Jan 10 j 22:23	0°♊38'44	
morning rise	-4261 Feb 12 j 13:38	8°♊23'48			-4260 Jan 12 j 09:00	30°♊	
direct	-4261 Feb 18 j 12:37	6°♊54'47		inferior conj	-4260 Jan 17 j 21:04	25°♊49'36	4°03'19
desc. node	-4261 Feb 21 j 19:41	7°♊21'36		minimum elong	-4260 Jan 17 j 21:27	25°♊48'44	4°03'08
morning max el	-4261 Mar 04 j 18:44	14°♊24'50	26°22'51	min. Earth dist.	-4260 Jan 21 j 03:07	22°♊56'09	0.60358 AU
	-4261 Mar 17 j 05:49	0°♊		morning rise	-4260 Jan 24 j 18:58	20°♊12'16	
morning set	-4261 Apr 02 j 18:10	29°♊56'59		direct	-4260 Jan 31 j 13:10	18°♊05'08	
	-4261 Apr 02 j 18:45	0°♊		desc. node	-4260 Feb 08 j 16:46	20°♊50'14	
asc. node	-4261 Apr 08 j 02:25	11°♊25'34		morning max el	-4260 Feb 14 j 16:45	25°♊43'35	27°20'02
					-4260 Feb 18 j 16:50	0°♊	
superior conj	-4261 Apr 09 j 18:38	15°♊05'27	0°17'24		-4260 Mar 09 j 13:37	0°♊	
minimum elong	-4261 Apr 09 j 17:53	15°♊01'17	0°17'11	morning set	-4260 Mar 17 j 02:47	14°♊47'09	
max. Earth dist.	-4261 Apr 10 j 01:20	15°♊42'07	1.32652 AU	max. Earth dist.	-4260 Mar 23 j 14:42	28°♊40'37	1.32599 AU
evening rise	-4261 Apr 16 j 19:34	0°♊13'01					
	-4261 Apr 16 j 17:04	0°♊		superior conj	-4260 Mar 24 j 06:15	0°♊05'35	-0°07'27
	-4261 May 03 j 06:26	0°♊		minimum elong	-4260 Mar 24 j 06:36	0°♊07'26	0°07'30
evening max el	-4261 May 16 j 21:44	17°♊06'05	26°44'25	behind sun begin	-4260 Mar 24 j 02:09	29°♊43'06	
desc. node	-4261 May 20 j 18:19	20°♊23'42		behind sun end	-4260 Mar 24 j 11:03	0°♊31'46	
retrograde	-4261 May 30 j 22:52	24°♊26'31			-4260 Mar 24 j 05:14	0°♊	
evening set	-4261 Jun 06 j 13:24	22°♊32'38		asc. node	-4260 Mar 24 j 23:23	1°♊39'13	
min. Earth dist.	-4261 Jun 10 j 11:14	19°♊50'24	0.60338 AU	evening rise	-4260 Mar 31 j 05:32	15°♊09'19	
inferior conj	-4261 Jun 13 j 19:22	17°♊04'17	-4°17'23		-4260 Apr 07 j 17:24	0°♊	
minimum elong	-4261 Jun 13 j 19:33	17°♊03'53	4°17'14	evening max el	-4260 Apr 27 j 18:55	28°♊30'51	25°38'40
morning rise	-4261 Jun 21 j 03:44	12°♊21'56			-4260 Apr 29 j 09:59	0°♊	
direct	-4261 Jun 23 j 16:24	11°♊57'26		desc. node	-4260 May 06 j 15:27	4°♊39'39	
morning max el	-4261 Jun 30 j 23:04	15°♊30'02	18°11'03	retrograde	-4260 May 11 j 20:56	5°♊44'01	
asc. node	-4261 Jul 05 j 02:05	20°♊23'36		evening set	-4260 May 17 j 12:08	4°♊28'30	
	-4261 Jul 11 j 01:42	0°♊		min. Earth dist.	-4260 May 22 j 07:21	1°♊41'53	0.58320 AU
morning set	-4261 Jul 16 j 23:18	10°♊50'32			-4260 May 24 j 16:29	30°♊	
				inferior conj	-4260 May 25 j 13:44	29°♊21'28	-4°02'43
superior conj	-4261 Jul 26 j 17:33	28°♊53'44	1°45'24	minimum elong	-4260 May 25 j 10:28	29°♊27'21	4°02'15
minimum elong	-4261 Jul 26 j 19:51	29°♊04'03	1°45'30	morning rise	-4260 Jun 02 j 11:34	25°♊00'27	
	-4261 Jul 27 j 08:20	0°♊		direct	-4260 Jun 04 j 23:26	24°♊40'33	
max. Earth dist.	-4261 Aug 03 j 06:35	12°♊03'29	1.41170 AU	morning max el	-4260 Jun 13 j 05:16	28°♊33'49	18°45'06
evening rise	-4261 Aug 08 j 13:44	20°♊50'14			-4260 Jun 14 j 15:12	0°♊	
	-4261 Aug 14 j 08:06	0°♊		asc. node	-4260 Jun 20 j 23:05	8°♊45'42	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning set	-4260 Jun 29 j 15:34	24°  42'23		superior conj	-4259 Jun 21 j 17:33	25°  12'35	1°43'48
	-4260 Jul 02 j 08:41	0°  II		minimum elong	-4259 Jun 21 j 15:41	25°  03'22	1°43'51
					-4259 Jun 24 j 04:21	0°  II	
superior conj	-4260 Jul 08 j 09:43	11°  II38'32	1°49'12	max. Earth dist.	-4259 Jun 27 j 11:46	6°  II17'54	1.37336 AU
minimum elong	-4260 Jul 08 j 09:30	11°  II37'30	1°49'23	evening rise	-4259 Jul 01 j 08:54	13°  II24'27	
max. Earth dist.	-4260 Jul 15 j 09:16	24°  II26'19	1.39235 AU		-4259 Jul 11 j 03:24	0°  ☿	
	-4260 Jul 18 j 13:42	0°  ☿		desc. node	-4259 Jul 20 j 11:25	14°  ☿12'50	
evening rise	-4260 Jul 19 j 10:43	1°  ☿29'58			-4259 Aug 01 j 11:57	0°  ♊	
desc. node	-4260 Aug 02 j 14:24	24°  ☿05'16		evening max el	-4259 Aug 06 j 06:26	5°  ♊08'53	25°23'47
	-4260 Aug 06 j 15:19	0°  ♊		retrograde	-4259 Aug 18 j 06:30	12°  ♊05'59	
evening max el	-4260 Aug 23 j 19:53	21°  ♊39'14	24°07'37	evening set	-4259 Aug 24 j 05:46	9°  ♊32'27	
retrograde	-4260 Sep 03 j 19:44	28°  ♊07'07		min. Earth dist.	-4259 Aug 28 j 15:11	4°  ♊36'10	0.66855 AU
evening set	-4260 Sep 09 j 04:00	25°  ♊51'03		inferior conj	-4259 Aug 29 j 15:49	3°  ♊16'01	-1°41'51
inferior conj	-4260 Sep 14 j 11:48	19°  ♊32'35	-0°49'33	minimum elong	-4259 Aug 29 j 18:09	3°  ♊08'26	1°40'46
minimum elong	-4260 Sep 14 j 12:57	19°  ♊28'40	0°48'56		-4259 Sep 01 j 07:07	30°  ♊☿	
min. Earth dist.	-4260 Sep 13 j 22:17	20°  ♊18'19	0.67298 AU	asc. node	-4259 Sep 03 j 19:22	27°  ☿36'36	
asc. node	-4260 Sep 16 j 22:14	16°  ♊22'29		morning rise	-4259 Sep 04 j 06:38	27°  ☿16'43	
morning rise	-4260 Sep 19 j 21:53	13°  ♊24'47		direct	-4259 Sep 07 j 16:57	26°  ☿08'33	
direct	-4260 Sep 23 j 18:58	11°  ♊59'03			-4259 Sep 14 j 16:30	0°  ♊	
morning max el	-4260 Oct 01 j 22:18	16°  ♊45'11	20°41'21	morning max el	-4259 Sep 15 j 01:05	0°  ♊21'35	19°36'28
	-4260 Oct 12 j 09:10	0°  ♊			-4259 Oct 05 j 22:52	0°  ♊	
desc. node	-4260 Oct 29 j 14:12	25°  ♊45'32		morning set	-4259 Oct 09 j 15:41	5°  ♊44'41	
morning set	-4260 Oct 30 j 15:07	27°  ♊22'13		desc. node	-4259 Oct 16 j 11:07	16°  ♊22'28	
	-4260 Nov 01 j 07:35	0°  ♋		max. Earth dist.	-4259 Oct 22 j 15:31	26°  ♊07'16	1.44302 AU
max. Earth dist.	-4260 Nov 09 j 02:06	12°  ♋21'09	1.43120 AU		-4259 Oct 25 j 02:00	0°  ♋	
superior conj	-4260 Nov 15 j 11:43	22°  ♋52'16	-1°33'54	superior conj	-4259 Oct 26 j 08:49	2°  ♋03'19	-1°00'06
minimum elong	-4260 Nov 15 j 05:45	22°  ♋27'24	1°33'29	minimum elong	-4259 Oct 26 j 02:18	1°  ♋37'13	0°59'20
	-4260 Nov 19 j 16:54	0°  ♋		evening rise	-4259 Nov 09 j 11:53	25°  ♋15'05	
evening rise	-4260 Nov 27 j 15:24	13°  ♋49'23			-4259 Nov 12 j 07:43	0°  ♋	
	-4260 Dec 06 j 23:43	0°  ♋		evening max el	-4259 Nov 28 j 08:25	24°  ♋05'23	18°23'15
asc. node	-4260 Dec 13 j 21:02	9°  ♋45'31		asc. node	-4259 Nov 30 j 18:10	26°  ♋10'52	
evening max el	-4260 Dec 14 j 19:44	10°  ♋45'46	18°08'37	retrograde	-4259 Dec 04 j 22:21	27°  ♋42'00	
retrograde	-4260 Dec 21 j 10:12	14°  ♋14'19		evening set	-4259 Dec 07 j 20:02	26°  ♋56'25	
evening set	-4260 Dec 24 j 03:54	13°  ♋37'48		inferior conj	-4259 Dec 13 j 21:44	21°  ♋27'02	3°33'52
inferior conj	-4260 Dec 30 j 14:50	8°  ♋27'27	3°57'24	minimum elong	-4259 Dec 13 j 18:46	21°  ♋35'26	3°33'08
minimum elong	-4260 Dec 30 j 13:00	8°  ♋32'06	3°57'03	min. Earth dist.	-4259 Dec 16 j 02:09	18°  ♋58'32	0.63985 AU
min. Earth dist.	-4259 Jan 02 j 09:37	5°  ♋37'55	0.62293 AU	morning rise	-4259 Dec 19 j 16:57	15°  ♋25'47	
morning rise	-4259 Jan 05 j 21:12	2°  ♋36'17		direct	-4259 Dec 26 j 15:59	12°  ♋35'59	
direct	-4259 Jan 12 j 22:43	0°  ♋00'37		morning max el	-4258 Jan 09 j 05:36	20°  ♋18'51	27°28'35
desc. node	-4259 Jan 25 j 13:50	6°  ♋29'25		desc. node	-4258 Jan 12 j 10:53	23°  ♋43'05	
morning max el	-4259 Jan 26 j 21:07	7°  ♋43'46	27°42'16		-4258 Jan 17 j 15:23	0°  ♋	
	-4259 Feb 12 j 23:56	0°  ☿			-4258 Feb 05 j 23:46	0°  ☿	
morning set	-4259 Mar 01 j 06:39	29°  ☿20'33		morning set	-4258 Feb 13 j 03:03	13°  ☿27'04	
	-4259 Mar 01 j 14:24	0°  ☿		max. Earth dist.	-4258 Feb 18 j 04:22	23°  ☿43'46	1.33574 AU
max. Earth dist.	-4259 Mar 07 j 01:07	11°  ☿26'17	1.32893 AU				
superior conj	-4259 Mar 08 j 16:27	14°  ☿58'35	-0°32'26	superior conj	-4258 Feb 20 j 23:23	29°  ☿37'07	-0°56'38
minimum elong	-4259 Mar 08 j 17:54	15°  ☿06'24	0°32'17	minimum elong	-4258 Feb 21 j 01:47	29°  ☿49'56	0°56'22
asc. node	-4259 Mar 11 j 20:22	21°  ☿50'34			-4258 Feb 21 j 03:40	0°  ☿	
evening rise	-4259 Mar 15 j 17:04	0°  ☿07'13		asc. node	-4258 Feb 26 j 17:22	11°  ☿54'29	
	-4259 Mar 15 j 15:42	0°  ☿		evening rise	-4258 Feb 28 j 04:21	14°  ☿59'04	
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evening max el	-4259 Apr 09 j 11:21	9°  ♌23'10	24°11'53	evening max el	-4258 Mar 22 j 04:17	20°  ☿06'17	22°37'43
retrograde	-4259 Apr 23 j 07:29	16°  ♌20'09		retrograde	-4258 Apr 04 j 05:51	26°  ☿29'47	
desc. node	-4259 Apr 23 j 12:34	16°  ♌20'03		evening set	-4258 Apr 07 j 08:29	26°  ☿08'33	
evening set	-4259 Apr 27 j 15:16	15°  ♌38'22		desc. node	-4258 Apr 10 j 09:44	25°  ☿10'01	
min. Earth dist.	-4259 May 03 j 23:04	12°  ♌33'13	0.56579 AU	min. Earth dist.	-4258 Apr 15 j 13:28	22°  ☿32'54	0.55451 AU
inferior conj	-4259 May 06 j 12:03	10°  ♌57'47	-3°11'56	inferior conj	-4258 Apr 16 j 16:21	21°  ☿54'23	-1°41'41
minimum elong	-4259 May 06 j 06:18	11°  ♌06'50	3°10'35	minimum elong	-4258 Apr 16 j 11:58	22°  ☿00'41	1°40'19
morning rise	-4259 May 15 j 00:26	6°  ♌54'14		morning rise	-4258 Apr 25 j 17:25	17°  ☿57'05	
direct	-4259 May 17 j 11:42	6°  ♌37'58		direct	-4258 Apr 28 j 06:47	17°  ☿41'53	
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asc. node	-4259 Jun 07 j 20:06	27°  ♌44'50			-4258 May 15 j 15:08	0°  ♌	
	-4259 Jun 09 j 01:16	0°  ♌		asc. node	-4258 May 25 j 17:06	17°  ♌11'17	
morning set	-4259 Jun 13 j 16:19	9° ♌02'16		morning set	-4258 May 28 j 22:53	23° ♌42'21	
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































































































































Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4258 Jun 05 j 12:29	9°  22'05	1°31'38		-4257 Apr 16 j 00:53	0° 	
minimum elong	-4258 Jun 05 j 09:53	9°  08'41	1°31'29	morning max el	-4257 Apr 21 j 15:29	4°  11'46	22°24'03
max. Earth dist.	-4258 Jun 09 j 20:13	18°  04'19	1.35678 AU		-4257 May 09 j 02:53	0° 	
evening rise	-4258 Jun 14 j 03:23	26°  21'05		asc. node	-4257 May 12 j 14:05	6°  57'44	
	-4258 Jun 16 j 02:36	0° 		morning set	-4257 May 13 j 09:06	8°  36'13	
	-4258 Jul 04 j 12:44	0° 					
desc. node	-4258 Jul 07 j 08:28	3°  56'23		superior conj	-4257 May 20 j 15:04	23°  56'24	1°14'37
evening max el	-4258 Jul 19 j 17:20	18°  38'50	26°27'19	minimum elong	-4257 May 20 j 12:26	23°  42'26	1°14'19
retrograde	-4258 Aug 01 j 12:36	25°  54'18		max. Earth dist.	-4257 May 23 j 14:39	0°  10'17	1.34370 AU
evening set	-4258 Aug 08 j 01:33	23°  09'04			-4257 May 23 j 12:40	0° 	
min. Earth dist.	-4258 Aug 12 j 02:54	18°  50'56	0.66063 AU	evening rise	-4257 May 28 j 12:55	10°  04'44	
inferior conj	-4258 Aug 13 j 15:51	16°  57'50	-2°31'11		-4257 Jun 08 j 12:52	0° 	
minimum elong	-4258 Aug 13 j 19:07	16°  47'49	2°29'54	desc. node	-4257 Jun 24 j 05:33	23°  05'23	
morning rise	-4258 Aug 19 j 12:57	11°  10'04			-4257 Jun 30 j 04:41	0° 	
asc. node	-4258 Aug 21 j 16:29	10°  21'07		evening max el	-4257 Jul 02 j 04:47	2°  01'14	27°10'09
direct	-4258 Aug 22 j 14:49	10°  16'11		retrograde	-4257 Jul 15 j 13:21	9°  24'17	
morning max el	-4258 Aug 29 j 10:06	14°  04'39	18°46'34	evening set	-4257 Jul 22 j 12:37	6°  36'41	
	-4258 Sep 09 j 23:35	0° 		min. Earth dist.	-4257 Jul 26 j 07:10	2°  56'00	0.64904 AU
morning set	-4258 Sep 19 j 11:34	15°  06'42		inferior conj	-4257 Jul 28 j 09:38	0°  33'45	-3°15'18
	-4258 Sep 28 j 20:23	0° 		minimum elong	-4257 Jul 28 j 13:21	0°  23'14	3°14'08
desc. node	-4258 Oct 03 j 08:04	7°  04'50			-4257 Jul 28 j 21:37	30°  R 	
				morning rise	-4257 Aug 03 j 14:35	25°  00'39	
superior conj	-4258 Oct 05 j 10:39	10°  04'07	-0°13'19	direct	-4257 Aug 06 j 10:22	24°  01'52	
minimum elong	-4258 Oct 05 j 08:54	10°  17'14	0°13'02	asc. node	-4257 Aug 08 j 13:35	24°  02'08	
behind sun begin	-4258 Oct 05 j 01:55	9°  49'45		morning max el	-4257 Aug 12 j 23:15	27°  00'02	18°13'14
behind sun end	-4258 Oct 05 j 15:52	10°  44'43			-4257 Aug 14 j 21:56	0° 	
max. Earth dist.	-4258 Oct 05 j 08:32	10°  15'49	1.44806 AU	morning set	-4257 Aug 31 j 10:42	25°  47'27	
	-4258 Oct 17 j 19:47	0° 			-4257 Sep 02 j 23:28	0° 	
evening rise	-4258 Oct 21 j 08:24	5°  43'14					
	-4258 Nov 05 j 21:06	0° 		superior conj	-4257 Sep 14 j 13:46	18°  02'42	0°35'14
evening max el	-4258 Nov 11 j 19:36	7°  30'45	18°55'41	minimum elong	-4257 Sep 14 j 17:55	19°  09'14	0°34'51
asc. node	-4258 Nov 17 j 15:18	11°  18'21		max. Earth dist.	-4257 Sep 18 j 02:23	24°  02'05	1.44587 AU
retrograde	-4258 Nov 18 j 16:15	11°  24'25		desc. node	-4257 Sep 20 j 05:00	27°  04'58	
evening set	-4258 Nov 21 j 19:42	10°  27'42			-4257 Sep 21 j 14:18	0° 	
inferior conj	-4258 Nov 27 j 14:17	4°  42'07	2°58'28	evening rise	-4257 Oct 01 j 04:23	14°  05'17	
minimum elong	-4258 Nov 27 j 11:06	4°  51'56	2°57'28		-4257 Oct 10 j 21:49	0° 	
min. Earth dist.	-4258 Nov 29 j 04:21	2°  44'49	0.65344 AU	greatest brilliancy	-4257 Oct 13 j 13:38	4°  02'23	-0.7m
	-4258 Dec 01 j 14:07	30°  R 		evening max el	-4257 Oct 26 j 02:55	20°  57'28	19°44'27
morning rise	-4258 Dec 03 j 02:09	28°  43'40		retrograde	-4257 Nov 02 j 12:53	25°  16'20	
direct	-4258 Dec 09 j 15:51	25°  44'11		asc. node	-4257 Nov 04 j 12:27	24°  05'32	
	-4258 Dec 19 j 00:34	0° 		evening set	-4257 Nov 06 j 00:15	24°  05'55	
morning max el	-4258 Dec 22 j 15:18	3°  17'07	26°43'36	inferior conj	-4257 Nov 11 j 13:32	18°  07'07	2°15'03
desc. node	-4258 Dec 30 j 07:56	12°  03'56		minimum elong	-4257 Nov 11 j 10:47	18°  16'08	2°14'02
	-4257 Jan 11 j 22:59	0° 		min. Earth dist.	-4257 Nov 12 j 14:27	16°  45'30	0.66345 AU
morning set	-4257 Jan 27 j 12:33	26°  55'50		morning rise	-4257 Nov 16 j 21:06	11°  05'40	
	-4257 Jan 29 j 02:53	0° 		direct	-4257 Nov 22 j 21:24	9°  16'09	
max. Earth dist.	-4257 Jan 31 j 20:58	5°  25'26	1.34695 AU	morning max el	-4257 Dec 05 j 00:21	16°  42'16	25°35'22
					-4257 Dec 16 j 07:53	0° 	
superior conj	-4257 Feb 05 j 00:56	13°  35'44	-1°18'49	desc. node	-4257 Dec 17 j 04:56	1°  11'33	
minimum elong	-4257 Feb 05 j 03:57	14°  30'23	1°18'34		-4256 Jan 04 j 20:49	0° 	
evening rise	-4257 Feb 12 j 13:39	29°  39'04		morning set	-4256 Jan 10 j 06:28	9°  32'41	
	-4257 Feb 12 j 17:42	0° 		max. Earth dist.	-4256 Jan 14 j 01:55	16°  37'39	1.36260 AU
asc. node	-4257 Feb 13 j 14:24	1°  46'31					
	-4257 Mar 03 j 00:56	0° 		superior conj	-4256 Jan 19 j 18:25	27°  43'08	-1°37'23
evening max el	-4257 Mar 04 j 04:00	1°  07'15	21°09'08	minimum elong	-4256 Jan 19 j 21:25	27°  48'06	1°37'17
retrograde	-4257 Mar 15 j 19:45	6°  41'16			-4256 Jan 20 j 21:42	0° 	
evening set	-4257 Mar 18 j 06:27	6°  27'27		evening rise	-4256 Jan 27 j 18:58	14°  30'06	
inferior conj	-4257 Mar 27 j 11:49	2°  28'45	0°13'11	asc. node	-4256 Jan 31 j 11:27	21°  32'24	
minimum elong	-4257 Mar 27 j 12:25	2°  27'53	0°12'53		-4256 Feb 05 j 04:31	0° 	
transit middle	-4257 Mar 27 j 12:25	2°  27'53	0°12'53	evening max el	-4256 Feb 14 j 13:49	12°  41'21	19°54'59
transit begin	-4257 Mar 27 j 10:03	2°  31'16		retrograde	-4256 Feb 24 j 12:50	17°  43'33	
transit end	-4257 Mar 27 j 14:48	2°  24'31		evening set	-4256 Feb 26 j 20:36	17°  40'18	
min. Earth dist.	-4257 Mar 28 j 03:44	2°  06'10	0.55198 AU	inferior conj	-4256 Mar 06 j 12:28	13°  40'11	2°01'17
desc. node	-4257 Mar 28 j 06:53	2°  01'42		minimum elong	-4256 Mar 06 j 17:03	13°  42'07	1°59'45
	-4257 Apr 01 j 02:29	30°  R 		min. Earth dist.	-4256 Mar 08 j 17:58	11°  47'10	0.55873 AU
morning rise	-4257 Apr 05 j 17:56	28°  40'32		desc. node	-4256 Mar 14 j 04:01	9°  41'46	
direct	-4257 Apr 08 j 18:58	28°  40'16		morning rise	-4256 Mar 15 j 11:18	8°  43'31	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

direct	-4256 Mar 19 j 12:31	7° \approx 59'12		morning max el	-4255 Mar 14 j 23:20	25° \approx 29'58	25°37'03
morning max el	-4256 Apr 02 j 08:20	14° \approx 53'22	24°02'57		-4255 Mar 19 j 04:11	0° \approx	
	-4256 Apr 14 j 04:41	0° \approx			-4255 Apr 07 j 02:56	0° \approx	
morning set	-4256 Apr 26 j 21:08	23° \approx 37'59		morning set	-4255 Apr 11 j 09:13	8° \approx 40'29	
asc. node	-4256 Apr 28 j 11:04	26° \approx 58'29		asc. node	-4255 Apr 15 j 08:01	17° \approx 07'43	
	-4256 Apr 29 j 20:59	0° \approx					
superior conj	-4256 May 03 j 22:43	8° \approx 47'22	0°54'10	superior conj	-4255 Apr 18 j 09:16	23° \approx 46'50	0°31'18
minimum elong	-4256 May 03 j 20:33	8° \approx 35'41	0°53'47	minimum elong	-4255 Apr 18 j 07:56	23° \approx 39'32	0°30'59
max. Earth dist.	-4256 May 05 j 18:40	12° \approx 43'04	1.33429 AU	max. Earth dist.	-4255 Apr 19 j 05:08	25° \approx 35'04	1.32838 AU
evening rise	-4256 May 11 j 09:08	24° \approx 22'11			-4255 Apr 21 j 06:04	0° \approx	
	-4256 May 14 j 05:32	0° \approx		evening rise	-4255 Apr 25 j 12:38	9° \approx 01'19	
	-4256 Jun 01 j 02:50	0° \approx			-4255 May 06 j 14:50	0° \approx	
desc. node	-4256 Jun 10 j 02:38	11° \approx 25'23		evening max el	-4255 May 26 j 21:31	27° \approx 33'38	27°08'41
evening max el	-4256 Jun 13 j 15:04	15° \approx 04'14	27°25'24	desc. node	-4255 May 27 j 23:45	28° \approx 34'37	
retrograde	-4256 Jun 27 j 08:03	22° \approx 28'09			-4255 May 29 j 15:31	0° \approx	
evening set	-4256 Jul 04 j 11:45	19° \approx 50'33		retrograde	-4255 Jun 09 j 20:03	4° \approx 55'58	
min. Earth dist.	-4256 Jul 08 j 02:06	16° \approx 42'20	0.63372 AU	evening set	-4255 Jun 16 j 18:55	2° \approx 42'14	
inferior conj	-4256 Jul 10 j 18:31	13° \approx 58'49	-3°50'57		-4255 Jun 20 j 08:47	30° \approx 8	
minimum elong	-4256 Jul 10 j 21:52	13° \approx 50'16	3°50'11	min. Earth dist.	-4255 Jun 20 j 10:56	29° \approx 55'25	0.61510 AU
morning rise	-4256 Jul 17 j 08:53	8° \approx 43'36		inferior conj	-4255 Jun 23 j 15:14	27° \approx 04'28	-4°13'18
direct	-4256 Jul 20 j 00:43	8° \approx 09'17		minimum elong	-4255 Jun 23 j 16:59	27° \approx 00'31	4°13'01
asc. node	-4256 Jul 25 j 10:38	10° \approx 30'36		morning rise	-4255 Jun 30 j 16:36	22° \approx 09'55	
morning max el	-4256 Jul 26 j 14:04	11° \approx 33'34	17°57'37	direct	-4255 Jul 03 j 06:10	21° \approx 42'12	
	-4256 Aug 08 j 01:15	0° \approx		morning max el	-4255 Jul 10 j 03:50	25° \approx 08'17	18°00'37
morning set	-4256 Aug 12 j 10:45	7° \approx 39'51		asc. node	-4255 Jul 12 j 07:40	27° \approx 30'20	
					-4255 Jul 14 j 05:21	0° \approx	
superior conj	-4256 Aug 24 j 14:12	28° \approx 25'50	1°13'52	morning set	-4255 Jul 26 j 06:13	20° \approx 28'14	
minimum elong	-4256 Aug 24 j 20:01	28° \approx 49'58	1°13'27		-4255 Jul 31 j 11:47	0° \approx	
	-4256 Aug 25 j 12:57	0° \approx		superior conj	-4255 Aug 05 j 18:23	9° \approx 21'50	1°37'56
max. Earth dist.	-4256 Aug 30 j 18:02	8° \approx 29'37	1.43680 AU	minimum elong	-4255 Aug 05 j 22:18	9° \approx 38'53	1°37'51
desc. node	-4256 Sep 06 j 01:56	18° \approx 32'14		max. Earth dist.	-4255 Aug 13 j 04:35	21° \approx 58'42	1.42198 AU
evening rise	-4256 Sep 09 j 09:15	23° \approx 40'57			-4255 Aug 18 j 02:50	0° \approx	
	-4256 Sep 13 j 11:51	0° \approx		evening rise	-4255 Aug 19 j 18:01	2° \approx 36'11	
	-4256 Oct 04 j 08:24	0° \approx		desc. node	-4255 Aug 23 j 22:53	9° \approx 11'14	
evening max el	-4256 Oct 08 j 04:36	4° \approx 23'30	20°47'21		-4255 Sep 06 j 23:10	0° \approx	
retrograde	-4256 Oct 16 j 09:58	9° \approx 14'59		evening max el	-4255 Sep 20 j 23:57	17° \approx 48'23	22°01'13
evening set	-4256 Oct 20 j 07:28	7° \approx 48'13		retrograde	-4255 Sep 30 j 05:48	23° \approx 17'56	
asc. node	-4256 Oct 21 j 09:35	6° \approx 52'57		evening set	-4255 Oct 04 j 15:28	21° \approx 32'40	
inferior conj	-4256 Oct 25 j 17:09	1° \approx 39'24	1°26'21	asc. node	-4255 Oct 08 j 06:42	17° \approx 34'39	
minimum elong	-4256 Oct 25 j 15:15	1° \approx 45'52	1°25'37	inferior conj	-4255 Oct 09 j 23:09	15° \approx 17'14	0°34'29
min. Earth dist.	-4256 Oct 26 j 06:24	0° \approx 54'21	0.67005 AU	minimum elong	-4255 Oct 09 j 22:22	15° \approx 19'58	0°34'13
	-4256 Oct 26 j 22:31	30° \approx 8		min. Earth dist.	-4255 Oct 10 j 01:48	15° \approx 08'03	0.67348 AU
morning rise	-4256 Oct 30 j 22:53	25° \approx 24'06		morning rise	-4255 Oct 15 j 05:08	9° \approx 02'23	
direct	-4256 Nov 05 j 07:58	23° \approx 04'46		direct	-4255 Oct 19 j 23:05	7° \approx 04'21	
morning max el	-4256 Nov 16 j 09:02	29° \approx 39'53	24°13'18	morning max el	-4255 Oct 29 j 19:42	12° \approx 57'08	22°46'55
	-4256 Nov 16 j 16:57	0° \approx			-4255 Nov 12 j 10:04	0° \approx	
desc. node	-4256 Dec 03 j 01:53	20° \approx 52'19		desc. node	-4255 Nov 19 j 22:49	10° \approx 56'40	
	-4256 Dec 09 j 05:02	0° \approx			-4255 Dec 02 j 03:19	0° \approx	
morning set	-4256 Dec 22 j 02:55	21° \approx 01'36		morning set	-4255 Dec 02 j 20:15	1° \approx 09'21	
max. Earth dist.	-4256 Dec 25 j 23:13	27° \approx 48'07	1.38181 AU	max. Earth dist.	-4255 Dec 07 j 20:00	9° \approx 30'34	1.40245 AU
	-4256 Dec 27 j 04:26	0° \approx					
superior conj	-4255 Jan 02 j 00:15	10° \approx 52'04	-1°50'08	superior conj	-4255 Dec 15 j 13:47	23° \approx 09'16	-1°54'09
minimum elong	-4255 Jan 02 j 02:12	11° \approx 01'23	1°50'14	minimum elong	-4255 Dec 15 j 13:19	23° \approx 07'07	1°54'19
evening rise	-4255 Jan 10 j 18:00	27° \approx 58'35			-4255 Dec 19 j 06:58	0° \approx	
	-4255 Jan 11 j 18:43	0° \approx		evening rise	-4255 Dec 25 j 07:57	11° \approx 24'29	
asc. node	-4255 Jan 17 j 08:30	10° \approx 32'34		asc. node	-4254 Jan 04 j 05:34	29° \approx 12'12	
evening max el	-4255 Jan 27 j 09:47	24° \approx 50'26	18°59'30		-4254 Jan 04 j 17:47	0° \approx	
retrograde	-4255 Feb 04 j 20:58	28° \approx 54'04		evening max el	-4254 Jan 10 j 14:03	7° \approx 29'32	18°24'08
evening set	-4255 Feb 07 j 06:57	28° \approx 35'37		retrograde	-4254 Jan 17 j 23:40	11° \approx 08'38	
inferior conj	-4255 Feb 15 j 05:37	24° \approx 19'19	3°17'17	evening set	-4254 Jan 20 j 12:34	10° \approx 34'06	
minimum elong	-4255 Feb 15 j 10:12	24° \approx 11'12	3°16'11	inferior conj	-4254 Jan 27 j 19:16	6° \approx 07'32	3°55'43
min. Earth dist.	-4255 Feb 18 j 09:14	22° \approx 06'26	0.57308 AU	minimum elong	-4254 Jan 27 j 21:18	6° \approx 03'22	3°55'22
morning rise	-4255 Feb 23 j 10:53	19° \approx 15'55		min. Earth dist.	-4254 Jan 31 j 04:14	3° \approx 21'55	0.59193 AU
direct	-4255 Feb 28 j 17:58	18° \approx 09'25		morning rise	-4254 Feb 04 j 03:57	0° \approx 40'05	
desc. node	-4255 Mar 01 j 01:09	18° \approx 09'38			-4254 Feb 05 j 12:37	30° \approx 8	
				direct	-4254 Feb 10 j 12:15	28° \approx 54'30	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-4254 Feb 15 j 22:15	0° 	07'27"	morning rise	-4253 Jan 16 j 18:28	12° 	44'51"		
	-4254 Feb 15 j 15:15	0° 		direct	-4253 Jan 23 j 17:11	10° 	23'38"		
morning max el	-4254 Feb 24 j 18:11	6° 	29'20"	26°51'09"	desc. node	-4253 Feb 02 j 19:20	14° 	35'33"	
	-4254 Mar 14 j 06:58	0° 		morning max el	-4253 Feb 06 j 19:02	18° 	05'26"	27°33'54"	
morning set	-4254 Mar 26 j 19:39	23° 	37'28"		-4253 Feb 16 j 19:50	0° 			
	-4254 Mar 29 j 19:49	0° 			-4253 Mar 06 j 22:08	0° 			
asc. node	-4254 Apr 02 j 05:00	7° 	21'12"	morning set	-4253 Mar 11 j 02:31	8° 	21'17"		
				max. Earth dist.	-4253 Mar 17 j 06:49	21° 	28'16"	1.32675 AU	
superior conj	-4254 Apr 02 j 21:00	8° 	48'44"	0°06'58"	superior conj	-4253 Mar 18 j 08:14	23° 	46'33"	-0°18'05"
minimum elong	-4254 Apr 02 j 20:42	8° 	47'04"	0°06'48"	minimum elong	-4253 Mar 18 j 09:03	23° 	50'59"	0°18'02"
behind sun begin	-4254 Apr 02 j 16:09	8° 	22'15"		asc. node	-4253 Mar 20 j 02:00	27° 	34'25"	
behind sun end	-4254 Apr 03 j 01:14	9° 	11'54"			-4253 Mar 21 j 04:44	0° 		
max. Earth dist.	-4254 Apr 02 j 18:28	8° 	34'50"	1.32588 AU	evening rise	-4253 Mar 25 j 07:42	8° 	51'03"	
evening rise	-4254 Apr 09 j 20:51	23° 	53'35"			-4253 Apr 05 j 08:55	0° 		
	-4254 Apr 12 j 20:25	0° 			evening max el	-4253 Apr 20 j 16:50	20° 	30'27"	25°03'37"
	-4254 Apr 30 j 18:36	0° 			desc. node	-4253 May 01 j 18:01	27° 	17'48"	
evening max el	-4254 May 08 j 22:04	9° 	21'28"	26°19'35"	retrograde	-4253 May 04 j 17:59	27° 	38'49"	
desc. node	-4254 May 14 j 20:53	14° 	04'01"		evening set	-4253 May 09 j 20:02	26° 	39'06"	
retrograde	-4254 May 23 j 00:08	16° 	40'10"		min. Earth dist.	-4253 May 15 j 05:13	23° 	45'45"	0.57522 AU
evening set	-4254 May 29 j 06:13	15° 	02'01"		inferior conj	-4253 May 18 j 06:11	21° 	42'27"	-3°46'05"
min. Earth dist.	-4254 Jun 02 j 11:02	12° 	20'01"	0.59470 AU	minimum elong	-4253 May 18 j 01:35	21° 	50'17"	3°45'16"
inferior conj	-4254 Jun 05 j 20:12	9° 	41'50"	-4°14'57"	morning rise	-4253 May 26 j 10:10	17° 	29'33"	
minimum elong	-4254 Jun 05 j 18:59	9° 	44'13"	4°14'47"	direct	-4253 May 28 j 21:30	17° 	11'30"	
morning rise	-4254 Jun 13 j 10:10	5° 	09'04"		morning max el	-4253 Jun 06 j 16:46	21° 	18'26"	19°05'43"
direct	-4254 Jun 15 j 22:23	4° 	46'44"			-4253 Jun 13 j 13:58	0° 		
morning max el	-4254 Jun 23 j 13:42	8° 	26'16"	18°23'04"	asc. node	-4253 Jun 16 j 01:41	4° 	05'29"	
asc. node	-4254 Jun 29 j 04:40	15° 	26'11"		morning set	-4253 Jun 23 j 12:20	18° 	04'34"	
	-4254 Jul 07 j 13:33	0° 				-4253 Jun 29 j 13:06	0° 		
morning set	-4254 Jul 09 j 16:04	3° 	59'40"						
superior conj	-4254 Jul 18 j 23:05	21° 	31'37"	1°48'19"	superior conj	-4253 Jul 01 j 22:34	4° 	39'21"	1°47'52"
minimum elong	-4254 Jul 19 j 00:13	21° 	36'52"	1°48'29"	minimum elong	-4253 Jul 01 j 21:32	4° 	34'22"	1°48'01"
	-4254 Jul 23 j 15:57	0° 			max. Earth dist.	-4253 Jul 08 j 10:30	16° 	49'19"	1.38408 AU
max. Earth dist.	-4254 Jul 26 j 08:59	4° 	43'42"	1.40355 AU	evening rise	-4253 Jul 12 j 08:02	23° 	45'01"	
evening rise	-4254 Jul 30 j 23:47	12° 	31'42"			-4253 Jul 15 j 23:46	0° 		
desc. node	-4254 Aug 10 j 19:52	29° 	42'04"		desc. node	-4253 Jul 28 j 16:53	20° 	00'09"	
	-4254 Aug 11 j 00:36	0° 				-4253 Aug 04 j 18:34	0° 		
	-4254 Sep 02 j 09:26	0° 			evening max el	-4253 Aug 17 j 01:15	14° 	42'42"	24°41'08"
evening max el	-4254 Sep 03 j 13:58	1° 	13'41"	23°21'19"	retrograde	-4253 Aug 28 j 12:09	21° 	24'25"	
retrograde	-4254 Sep 13 j 22:52	7° 	22'05"		evening set	-4253 Sep 03 j 02:42	19° 	00'46"	
evening set	-4254 Sep 18 j 22:27	5° 	17'14"		min. Earth dist.	-4253 Sep 07 j 17:12	13° 	42'57"	0.67146 AU
	-4254 Sep 23 j 11:52	30° 			inferior conj	-4253 Sep 08 j 11:14	12° 	42'43"	-1°11'57"
inferior conj	-4254 Sep 24 j 05:45	28° 	58'45"	-0°18'51"	minimum elong	-4253 Sep 08 j 12:55	12° 	37'08"	1°11'08"
minimum elong	-4254 Sep 24 j 06:11	28° 	57'15"	0°18'33"	asc. node	-4253 Sep 12 j 00:54	8° 	19'30"	
min. Earth dist.	-4254 Sep 23 j 22:14	29° 	42'33"	0.67398 AU	morning rise	-4253 Sep 13 j 23:06	6° 	37'51"	
asc. node	-4254 Sep 25 j 03:49	27° 	43'25"		direct	-4253 Sep 17 j 15:21	5° 	19'52"	
morning rise	-4254 Sep 29 j 13:49	22° 	47'17"		morning max el	-4253 Sep 25 j 09:45	9° 	51'06"	20°11'59"
direct	-4254 Oct 03 j 17:56	21° 	10'17"			-4253 Oct 10 j 10:13	0° 		
morning max el	-4254 Oct 12 j 11:14	26° 	19'48"	21°24'25"	morning set	-4253 Oct 22 j 08:22	18° 	10'58"	
	-4254 Oct 15 j 18:22	0° 			desc. node	-4253 Oct 24 j 16:41	21° 	49'44"	
	-4254 Nov 05 j 23:32	0° 				-4253 Oct 29 j 21:35	0° 		
desc. node	-4254 Nov 06 j 19:44	1° 	17'19"		max. Earth dist.	-4253 Nov 02 j 07:37	5° 	26'26"	1.43701 AU
morning set	-4254 Nov 12 j 09:47	9° 	58'22"		superior conj	-4253 Nov 07 j 18:12	14° 	15'05"	-1°21'34"
max. Earth dist.	-4254 Nov 19 j 21:58	22° 	02'53"	1.42175 AU	minimum elong	-4253 Nov 07 j 11:25	13° 	47'18"	1°20'56"
	-4254 Nov 24 j 16:24	0° 				-4253 Nov 17 j 03:58	0° 		
superior conj	-4254 Nov 27 j 05:22	4° 	20'09"	-1°45'47"	evening rise	-4253 Nov 20 j 17:30	6° 	07'33"	
minimum elong	-4254 Nov 27 j 01:19	4° 	02'46"	1°45'38"		-4253 Dec 05 j 08:27	0° 		
evening rise	-4254 Dec 08 j 09:11	24° 	10'04"		evening max el	-4253 Dec 08 j 12:20	3° 	44'36"	18°12'38"
	-4254 Dec 11 j 14:26	0° 			asc. node	-4253 Dec 08 j 23:46	4° 	12'41"	
asc. node	-4254 Dec 22 j 02:40	17° 	09'35"		retrograde	-4253 Dec 15 j 01:29	7° 	14'59"	
evening max el	-4254 Dec 24 j 23:51	20° 	29'54"	18°08'46"	evening set	-4253 Dec 17 j 20:47	6° 	34'45"	
retrograde	-4254 Dec 31 j 18:31	23° 	58'34"		inferior conj	-4253 Dec 24 j 03:31	1° 	16'11"	3°49'08"
evening set	-4253 Jan 03 j 10:21	23° 	26'47"		minimum elong	-4253 Dec 24 j 01:05	1° 	22'42"	3°48'38"
inferior conj	-4253 Jan 10 j 03:44	18° 	28'47"	4°03'23"		-4253 Dec 25 j 07:51	30° 		
minimum elong	-4253 Jan 10 j 03:04	18° 	30'23"	4°03'11"	min. Earth dist.	-4253 Dec 26 j 16:26	28° 	33'52"	0.63058 AU
min. Earth dist.	-4253 Jan 13 j 05:50	15° 	34'06"	0.61198 AU	morning rise	-4253 Dec 30 j 04:39	25° 	20'37"	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

direct	-4252 Jan 06 j 06:22	22° \mathbb{M} 36'48		min. Earth dist.	-4252 Dec 08 j 13:00	12° \mathbb{M} 07'11	0.64611 AU
	-4252 Jan 19 j 16:53	0° \mathbb{A}		morning rise	-4252 Dec 12 j 06:36	8° \mathbb{M} 18'32	
morning max el	-4252 Jan 20 j 01:12	0° \mathbb{A} 20'19	27°40'33	direct	-4252 Dec 19 j 02:21	5° \mathbb{M} 27'31	
desc. node	-4252 Jan 20 j 16:24	0° \mathbb{A} 58'19		morning max el	-4251 Jan 01 j 10:27	13° \mathbb{M} 06'40	27°12'55
	-4252 Feb 10 j 19:40	0° \mathbb{B}		desc. node	-4251 Jan 06 j 13:28	18° \mathbb{M} 43'32	
morning set	-4252 Feb 23 j 03:33	22° \mathbb{B} 43'54			-4251 Jan 15 j 03:08	0° \mathbb{A}	
	-4252 Feb 26 j 16:34	0° \mathbb{A}			-4251 Feb 02 j 08:40	0° \mathbb{B}	
max. Earth dist.	-4252 Feb 28 j 14:30	4° \mathbb{A} 02'16	1.33131 AU	morning set	-4251 Feb 05 j 19:49	6° \mathbb{B} 36'00	
				max. Earth dist.	-4251 Feb 10 j 13:45	16° \mathbb{B} 06'06	1.33998 AU
superior conj	-4252 Mar 01 j 17:17	8° \mathbb{A} 34'01	-0°42'53				
minimum elong	-4252 Mar 01 j 19:09	8° \mathbb{A} 44'08	0°42'39	superior conj	-4251 Feb 13 j 22:14	23° \mathbb{B} 04'57	-1°06'23
asc. node	-4252 Mar 05 j 23:02	17° \mathbb{A} 43'06		minimum elong	-4251 Feb 14 j 00:58	23° \mathbb{B} 19'18	1°06'06
evening rise	-4252 Mar 08 j 19:20	23° \mathbb{A} 46'57			-4251 Feb 17 j 04:33	0° \mathbb{A}	
	-4252 Mar 11 j 19:42	0° \mathbb{H}		asc. node	-4251 Feb 20 j 20:03	7° \mathbb{A} 42'59	
	-4252 Mar 31 j 02:21	0° \mathbb{Y}		evening rise	-4251 Feb 21 j 06:02	8° \mathbb{A} 35'10	
evening max el	-4252 Apr 01 j 08:56	1° \mathbb{Y} 16'05	23°31'58		-4251 Mar 04 j 16:39	0° \mathbb{H}	
retrograde	-4252 Apr 14 j 22:59	8° \mathbb{Y} 00'25		evening max el	-4251 Mar 14 j 04:07	12° \mathbb{H} 04'18	21°58'42
desc. node	-4252 Apr 17 j 15:10	7° \mathbb{Y} 44'34		retrograde	-4251 Mar 26 j 16:28	18° \mathbb{H} 07'53	
evening set	-4252 Apr 18 j 17:13	7° \mathbb{Y} 29'24		evening set	-4251 Mar 29 j 10:45	17° \mathbb{H} 50'55	
min. Earth dist.	-4252 Apr 25 j 20:11	4° \mathbb{Y} 12'56	0.56005 AU	desc. node	-4251 Apr 04 j 12:19	15° \mathbb{H} 33'26	
inferior conj	-4252 Apr 27 j 20:15	3° \mathbb{Y} 01'06	-2°38'10	inferior conj	-4251 Apr 07 j 19:15	13° \mathbb{H} 45'24	-0°54'20
minimum elong	-4252 Apr 27 j 14:29	3° \mathbb{Y} 09'45	2°36'35	minimum elong	-4251 Apr 07 j 16:45	13° \mathbb{H} 48'56	0°53'32
	-4252 May 03 j 12:12	30° \mathbb{R} \mathbb{H}		min. Earth dist.	-4251 Apr 07 j 10:08	13° \mathbb{H} 58'14	0.55229 AU
morning rise	-4252 May 06 j 14:27	29° \mathbb{H} 01'39		morning rise	-4251 Apr 16 j 23:50	9° \mathbb{H} 46'07	
direct	-4252 May 09 j 02:06	28° \mathbb{H} 46'11		direct	-4251 Apr 19 j 16:48	9° \mathbb{H} 29'42	
	-4252 May 14 j 08:12	0° \mathbb{Y}		morning max el	-4251 May 01 j 17:07	15° \mathbb{H} 10'10	21°30'29
morning max el	-4252 May 19 j 10:21	3° \mathbb{Y} 34'50	20°08'43		-4251 May 12 j 21:42	0° \mathbb{Y}	
asc. node	-4252 Jun 01 j 22:42	23° \mathbb{Y} 17'24		asc. node	-4251 May 19 j 19:44	12° \mathbb{Y} 53'46	
	-4252 Jun 05 j 09:16	0° \mathbb{B}		morning set	-4251 May 22 j 00:18	17° \mathbb{Y} 21'40	
morning set	-4252 Jun 06 j 15:54	2° \mathbb{B} 34'12			-4251 May 28 j 01:17	0° \mathbb{B}	
superior conj	-4252 Jun 14 j 11:36	18° \mathbb{B} 29'51	1°39'20	superior conj	-4251 May 29 j 10:11	2° \mathbb{B} 51'31	1°24'56
minimum elong	-4252 Jun 14 j 09:19	18° \mathbb{B} 18'23	1°39'18	minimum elong	-4251 May 29 j 07:29	2° \mathbb{B} 37'30	1°24'42
max. Earth dist.	-4252 Jun 19 j 15:12	28° \mathbb{B} 36'53	1.36597 AU	max. Earth dist.	-4251 Jun 02 j 04:03	10° \mathbb{B} 31'35	1.35079 AU
	-4252 Jun 20 j 08:37	0° \mathbb{II}		evening rise	-4251 Jun 06 j 17:04	19° \mathbb{B} 26'47	
evening rise	-4252 Jun 23 j 15:34	6° \mathbb{II} 08'07			-4251 Jun 12 j 10:34	0° \mathbb{II}	
	-4252 Jul 07 j 19:48	0° \mathbb{E}		desc. node	-4251 Jul 01 j 10:59	29° \mathbb{II} 29'13	
desc. node	-4252 Jul 14 j 13:56	9° \mathbb{E} 58'42			-4251 Jul 01 j 20:19	0° \mathbb{E}	
evening max el	-4252 Jul 29 j 12:03	28° \mathbb{E} 14'02	25°52'53	evening max el	-4251 Jul 11 j 23:17	11° \mathbb{E} 42'07	26°48'22
	-4252 Jul 31 j 09:25	0° \mathbb{Q}		retrograde	-4251 Jul 25 j 00:31	19° \mathbb{E} 01'20	
retrograde	-4252 Aug 10 j 20:49	5° \mathbb{Q} 19'29		evening set	-4251 Jul 31 j 18:35	16° \mathbb{E} 13'35	
evening set	-4252 Aug 17 j 02:11	2° \mathbb{Q} 40'21		min. Earth dist.	-4251 Aug 04 j 16:51	12° \mathbb{E} 11'55	0.65628 AU
	-4252 Aug 19 j 16:48	30° \mathbb{R} \mathbb{E}		inferior conj	-4251 Aug 06 j 11:27	10° \mathbb{E} 05'46	-2°50'42
min. Earth dist.	-4252 Aug 21 j 08:11	28° \mathbb{E} 00'06	0.66567 AU	minimum elong	-4251 Aug 06 j 15:00	9° \mathbb{E} 55'16	2°49'25
inferior conj	-4252 Aug 22 j 13:49	26° \mathbb{E} 25'59	-2°03'14	morning rise	-4251 Aug 12 j 11:44	4° \mathbb{E} 24'02	
minimum elong	-4252 Aug 22 j 16:35	26° \mathbb{E} 17'10	2°02'02	direct	-4251 Aug 15 j 10:49	3° \mathbb{E} 35'12	
morning rise	-4252 Aug 28 j 07:06	20° \mathbb{E} 31'04		asc. node	-4251 Aug 15 j 19:08	3° \mathbb{E} 35'52	
asc. node	-4252 Aug 28 j 22:01	20° \mathbb{E} 09'49		morning max el	-4251 Aug 22 j 02:25	7° \mathbb{E} 15'16	18°30'16
direct	-4252 Aug 31 j 13:38	19° \mathbb{E} 29'12			-4251 Sep 06 j 17:50	0° \mathbb{Q}	
morning max el	-4252 Sep 07 j 15:20	23° \mathbb{E} 30'24	19°13'15	morning set	-4251 Sep 10 j 22:31	6° \mathbb{Q} 49'20	
	-4252 Sep 12 j 23:11	0° \mathbb{Q}			-4251 Sep 25 j 09:43	0° \mathbb{P}	
morning set	-4252 Sep 30 j 15:15	26° \mathbb{Q} 53'53					
	-4252 Oct 02 j 14:43	0° \mathbb{P}		superior conj	-4251 Sep 26 j 04:34	1° \mathbb{P} 14'29	0°07'55
desc. node	-4252 Oct 10 j 13:37	12° \mathbb{P} 29'20		minimum elong	-4251 Sep 26 j 05:36	1° \mathbb{P} 18'35	0°07'53
max. Earth dist.	-4252 Oct 14 j 23:21	19° \mathbb{P} 25'55	1.44612 AU	behind sun begin	-4251 Sep 25 j 19:36	0° \mathbb{P} 39'04	
				behind sun end	-4251 Sep 26 j 15:37	1° \mathbb{P} 58'06	
superior conj	-4252 Oct 17 j 05:14	22° \mathbb{P} 59'11	-0°41'17	desc. node	-4251 Sep 27 j 10:32	3° \mathbb{P} 12'43	
minimum elong	-4252 Oct 17 j 00:10	22° \mathbb{P} 39'06	0°40'38	max. Earth dist.	-4251 Sep 27 j 17:30	3° \mathbb{P} 40'13	1.44805 AU
	-4252 Oct 21 j 14:53	0° \mathbb{U}		evening rise	-4251 Oct 12 j 13:52	27° \mathbb{P} 02'53	
evening rise	-4252 Nov 01 j 04:09	17° \mathbb{U} 07'23			-4251 Oct 14 j 10:46	0° \mathbb{U}	
	-4252 Nov 09 j 00:23	0° \mathbb{M}		greatest brilliancy	-4251 Oct 21 j 23:21	11° \mathbb{U} 49'44	-0.8m
evening max el	-4252 Nov 21 j 00:43	17° \mathbb{M} 07'26	18°34'58		-4251 Nov 03 j 21:49	0° \mathbb{M}	
asc. node	-4252 Nov 24 j 20:52	20° \mathbb{M} 06'58		evening max el	-4251 Nov 04 j 10:25	0° \mathbb{M} 33'21	19°14'32
retrograde	-4252 Nov 27 j 16:28	20° \mathbb{M} 49'57		retrograde	-4251 Nov 11 j 11:57	4° \mathbb{M} 37'01	
evening set	-4252 Nov 30 j 16:29	19° \mathbb{M} 59'43		asc. node	-4251 Nov 11 j 17:59	4° \mathbb{M} 36'40	
inferior conj	-4252 Dec 06 j 14:53	14° \mathbb{M} 22'56	3°20'01	evening set	-4251 Nov 14 j 18:31	3° \mathbb{M} 34'42	
minimum elong	-4252 Dec 06 j 11:44	14° \mathbb{M} 32'13	3°19'08		-4251 Nov 18 j 14:12	30° \mathbb{R} \mathbb{U}	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

inferior conj	-4251 Nov 20 j 10:36	27° Ω 42'48	2°40'50	evening set	-4250 Oct 30 j 00:27	17° Ω 15'33	
minimum elong	-4251 Nov 20 j 07:33	27° Ω 52'31	2°39'47	inferior conj	-4250 Nov 04 j 12:00	11° Ω 11'58	1°54'54
min. Earth dist.	-4251 Nov 21 j 18:47	26° Ω 00'38	0.65808 AU	minimum elong	-4250 Nov 04 j 09:34	11° Ω 20'05	1°53'59
morning rise	-4251 Nov 25 j 20:18	21° Ω 31'59		min. Earth dist.	-4250 Nov 05 j 07:49	10° Ω 05'47	0.66660 AU
direct	-4251 Dec 02 j 04:28	18° Ω 46'38		morning rise	-4250 Nov 09 j 18:29	4° Ω 57'18	
morning max el	-4251 Dec 14 j 20:11	26° Ω 11'34	26°16'59	direct	-4250 Nov 15 j 12:18	2° Ω 26'43	
	-4251 Dec 18 j 09:27	0° \mathbb{M}		morning max el	-4250 Nov 27 j 05:05	9° Ω 24'09	25°01'33
desc. node	-4251 Dec 24 j 10:28	7° \mathbb{M} 26'17		desc. node	-4250 Dec 11 j 07:26	26° Ω 49'41	
	-4250 Jan 08 j 16:27	0° \mathbb{A}			-4250 Dec 13 j 12:54	0° \mathbb{M}	
morning set	-4250 Jan 19 j 23:18	19° \mathbb{A} 44'38			-4249 Jan 01 j 06:52	0° \mathbb{A}	
max. Earth dist.	-4250 Jan 24 j 01:37	27° \mathbb{A} 34'58	1.35308 AU	morning set	-4249 Jan 02 j 08:51	1° \mathbb{A} 55'05	
	-4250 Jan 25 j 07:04	0° \mathbb{B}		max. Earth dist.	-4249 Jan 06 j 02:23	8° \mathbb{A} 41'40	1.37040 AU
superior conj	-4250 Jan 28 j 20:41	7° \mathbb{B} 10'59	-1°27'15	superior conj	-4249 Jan 12 j 09:39	20° \mathbb{A} 43'53	-1°43'40
minimum elong	-4250 Jan 28 j 23:47	7° \mathbb{B} 26'52	1°27'04	minimum elong	-4249 Jan 12 j 12:21	20° \mathbb{A} 57'09	1°43'40
evening rise	-4250 Feb 05 j 13:53	23° \mathbb{B} 08'27			-4249 Jan 17 j 01:17	0° \mathbb{B}	
asc. node	-4250 Feb 07 j 17:04	27° \mathbb{B} 28'33		evening rise	-4249 Jan 20 j 16:49	7° \mathbb{B} 20'48	
	-4250 Feb 08 j 23:33	0° \approx		asc. node	-4249 Jan 25 j 14:06	16° \mathbb{B} 54'15	
evening max el	-4250 Feb 24 j 07:43	23° \approx 17'37	20°35'27		-4249 Feb 02 j 12:17	0° \approx	
retrograde	-4250 Mar 07 j 06:29	28° \approx 30'01		evening max el	-4249 Feb 06 j 21:59	5° \approx 07'01	19°28'59
evening set	-4250 Mar 09 j 14:39	28° \approx 16'42		retrograde	-4249 Feb 16 j 04:56	9° \approx 31'37	
inferior conj	-4250 Mar 18 j 15:08	24° \approx 18'36	1°01'49	evening set	-4249 Feb 18 j 13:10	9° \approx 16'04	
minimum elong	-4250 Mar 18 j 17:51	24° \approx 14'39	1°00'46	inferior conj	-4249 Feb 26 j 21:51	5° \approx 09'49	2°38'11
min. Earth dist.	-4250 Mar 20 j 00:15	23° \approx 30'26	0.55372 AU	minimum elong	-4249 Feb 27 j 02:54	5° \approx 01'34	2°36'41
desc. node	-4250 Mar 22 j 09:29	22° \approx 10'53		min. Earth dist.	-4249 Mar 01 j 15:02	3° \approx 24'14	0.56405 AU
morning rise	-4250 Mar 27 j 19:46	20° \approx 00'57		morning rise	-4249 Mar 07 j 14:00	0° \approx 22'47	
direct	-4250 Mar 31 j 05:23	19° \approx 35'46			-4249 Mar 08 j 20:52	30° \mathbb{K} \mathbb{B}	
morning max el	-4250 Apr 13 j 14:04	26° \approx 07'14	23°05'52	desc. node	-4249 Mar 09 j 06:38	29° \mathbb{B} 54'16	
	-4250 Apr 17 j 05:59	0° \mathbb{H}		direct	-4249 Mar 12 j 03:48	29° \mathbb{B} 35'09	
	-4250 May 05 j 08:35	0° \mathbb{Y}			-4249 Mar 15 j 10:28	0° \approx	
morning set	-4250 May 06 j 11:29	2° \mathbb{Y} 19'36		morning max el	-4249 Mar 26 j 05:24	6° \approx 43'23	24°44'26
asc. node	-4250 May 06 j 16:43	2° \mathbb{Y} 46'58			-4249 Apr 12 j 01:59	0° \mathbb{H}	
superior conj	-4250 May 13 j 15:12	17° \mathbb{Y} 33'57	1°06'19	morning set	-4249 Apr 20 j 23:41	17° \mathbb{H} 21'57	
minimum elong	-4250 May 13 j 12:43	17° \mathbb{Y} 20'39	1°05'57	asc. node	-4249 Apr 23 j 13:41	22° \mathbb{H} 51'41	
max. Earth dist.	-4250 May 16 j 02:36	22° \mathbb{Y} 48'02	1.33920 AU		-4249 Apr 26 j 20:48	0° \mathbb{Y}	
	-4250 May 19 j 14:25	0° \mathbb{B}		superior conj	-4249 Apr 28 j 00:18	2° \mathbb{Y} 29'12	0°44'43
evening rise	-4250 May 21 j 07:34	3° \mathbb{B} 25'57		minimum elong	-4249 Apr 27 j 22:27	2° \mathbb{Y} 19'10	0°44'20
	-4250 Jun 05 j 05:37	0° \mathbb{I}		max. Earth dist.	-4249 Apr 29 j 09:29	5° \mathbb{Y} 28'36	1.33132 AU
desc. node	-4250 Jun 18 j 08:04	18° \mathbb{I} 19'38		evening rise	-4249 May 05 j 07:12	17° \mathbb{Y} 53'33	
evening max el	-4250 Jun 24 j 10:15	24° \mathbb{I} 57'08	27°20'14		-4249 May 11 j 12:27	0° \mathbb{B}	
	-4250 Jun 30 j 17:56	0° \mathbb{E}			-4249 May 30 j 18:39	0° \mathbb{I}	
retrograde	-4250 Jul 07 j 22:55	2° \mathbb{E} 21'49		desc. node	-4249 Jun 05 j 05:11	6° \mathbb{I} 12'34	
	-4250 Jul 14 j 12:29	30° \mathbb{K} \mathbb{I}		evening max el	-4249 Jun 06 j 19:07	7° \mathbb{I} 46'51	27°22'24
evening set	-4250 Jul 15 j 01:04	29° \mathbb{I} 36'25		retrograde	-4249 Jun 20 j 15:11	15° \mathbb{I} 11'05	
min. Earth dist.	-4250 Jul 18 j 17:11	26° \mathbb{I} 10'48	0.64297 AU	evening set	-4249 Jun 27 j 17:55	12° \mathbb{I} 41'58	
inferior conj	-4250 Jul 21 j 01:47	23° \mathbb{I} 37'51	-3°31'44	min. Earth dist.	-4249 Jul 01 j 07:57	9° \mathbb{I} 44'25	0.62604 AU
minimum elong	-4250 Jul 21 j 05:29	23° \mathbb{I} 27'50	3°30'41	inferior conj	-4249 Jul 04 j 05:54	6° \mathbb{I} 55'30	-4°02'31
morning rise	-4250 Jul 27 j 10:36	18° \mathbb{I} 12'18		minimum elong	-4249 Jul 04 j 08:44	6° \mathbb{I} 48'36	4°01'57
direct	-4250 Jul 30 j 04:23	17° \mathbb{I} 33'32		morning rise	-4249 Jul 11 j 00:45	1° \mathbb{I} 48'49	
asc. node	-4250 Aug 02 j 16:13	18° \mathbb{I} 36'00		direct	-4249 Jul 13 j 15:18	1° \mathbb{I} 17'39	
morning max el	-4250 Aug 05 j 16:41	21° \mathbb{I} 01'17	18°04'23	morning max el	-4249 Jul 20 j 07:23	4° \mathbb{I} 41'51	17°56'34
	-4250 Aug 12 j 12:24	0° \mathbb{E}		asc. node	-4249 Jul 20 j 13:15	4° \mathbb{I} 56'31	
morning set	-4250 Aug 23 j 08:52	18° \mathbb{E} 02'31		morning set	-4249 Aug 05 j 17:52	0° \mathbb{E} 20'27	
	-4250 Aug 30 j 11:16	0° \mathbb{O}			-4249 Aug 05 j 13:17	0° \mathbb{E}	
superior conj	-4250 Sep 05 j 15:09	10° \mathbb{O} 06'47	0°53'17	superior conj	-4249 Aug 17 j 03:22	20° \mathbb{E} 15'09	1°25'53
minimum elong	-4250 Sep 05 j 20:36	10° \mathbb{O} 28'50	0°52'48	minimum elong	-4249 Aug 17 j 08:39	20° \mathbb{E} 37'29	1°25'36
max. Earth dist.	-4250 Sep 10 j 10:34	17° \mathbb{O} 49'55	1.44276 AU		-4249 Aug 22 j 23:56	0° \mathbb{O}	
desc. node	-4250 Sep 14 j 07:26	23° \mathbb{O} 57'10		max. Earth dist.	-4249 Aug 23 j 23:47	1° \mathbb{O} 37'12	1.43105 AU
	-4250 Sep 18 j 04:09	0° \mathbb{P}		evening rise	-4249 Sep 01 j 05:31	14° \mathbb{O} 43'38	
evening rise	-4250 Sep 22 j 01:36	6° \mathbb{P} 02'35		desc. node	-4249 Sep 01 j 04:22	14° \mathbb{O} 39'13	
greatest brilliancy	-4250 Oct 05 j 17:35	26° \mathbb{P} 50'38	-0.6m		-4249 Sep 11 j 05:44	0° \mathbb{P}	
	-4250 Oct 07 j 21:07	0° \mathbb{L}		evening max el	-4249 Oct 01 j 14:25	27° \mathbb{P} 25'47	21°17'43
evening max el	-4250 Oct 18 j 15:25	14° \mathbb{L} 00'01	20°09'37		-4249 Oct 04 j 09:48	0° \mathbb{L}	
retrograde	-4250 Oct 26 j 09:09	18° \mathbb{L} 32'28		retrograde	-4249 Oct 10 j 05:51	2° \mathbb{L} 33'08	
asc. node	-4250 Oct 29 j 15:06	17° \mathbb{L} 31'11		evening set	-4249 Oct 14 j 08:11	0° \mathbb{L} 58'57	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4249 Oct 15 j 11:09	30° \mathbb{R} \mathbb{M}		inferior conj	-4248 Oct 02 j 23:20	8° \mathbb{M} 26'56	0°11'58
asc. node	-4249 Oct 16 j 12:14	28° \mathbb{M} 53'55		minimum elong	-4248 Oct 02 j 23:04	8° \mathbb{M} 27'54	0°11'56
inferior conj	-4249 Oct 19 j 16:52	24° \mathbb{M} 47'03	1°04'38	transit middle	-4248 Oct 02 j 23:04	8° \mathbb{M} 27'54	0°11'56
minimum elong	-4249 Oct 19 j 15:24	24° \mathbb{M} 52'03	1°04'05	transit begin	-4248 Oct 02 j 21:13	8° \mathbb{M} 34'17	
min. Earth dist.	-4249 Oct 20 j 01:36	24° \mathbb{M} 17'04	0.67190 AU	transit end	-4248 Oct 03 j 00:54	8° \mathbb{M} 21'32	
morning rise	-4249 Oct 24 j 22:26	18° \mathbb{M} 31'27		min. Earth dist.	-4248 Oct 02 j 21:42	8° \mathbb{M} 32'35	0.67415 AU
direct	-4249 Oct 30 j 01:05	16° \mathbb{M} 20'44		morning rise	-4248 Oct 08 j 06:00	2° \mathbb{M} 13'16	
morning max el	-4249 Nov 09 j 14:03	22° \mathbb{M} 38'36	23°36'25	direct	-4248 Oct 12 j 18:00	0° \mathbb{M} 24'10	
	-4249 Nov 16 j 00:22	0° \mathbb{L}		morning max el	-4248 Oct 22 j 02:20	5° \mathbb{M} 57'33	22°10'52
desc. node	-4249 Nov 28 j 04:21	16° \mathbb{L} 41'27			-4248 Nov 09 j 10:22	0° \mathbb{L}	
	-4249 Dec 06 j 21:49	0° \mathbb{M}		desc. node	-4248 Nov 14 j 01:16	6° \mathbb{L} 53'42	
morning set	-4249 Dec 14 j 18:17	12° \mathbb{M} 50'25		morning set	-4248 Nov 23 j 23:14	22° \mathbb{L} 22'17	
max. Earth dist.	-4249 Dec 18 j 21:54	19° \mathbb{M} 59'23	1.39059 AU		-4248 Nov 28 j 15:08	0° \mathbb{M}	
	-4249 Dec 24 j 11:26	0° \mathbb{J}		max. Earth dist.	-4248 Nov 29 j 20:40	2° \mathbb{M} 03'22	1.41109 AU
superior conj	-4249 Dec 26 j 09:10	3° \mathbb{J} 32'28	-1°53'08	superior conj	-4248 Dec 07 j 14:08	15° \mathbb{M} 23'44	-1°52'22
minimum elong	-4249 Dec 26 j 10:16	3° \mathbb{J} 37'37	1°53'17	minimum elong	-4248 Dec 07 j 12:13	15° \mathbb{M} 15'16	1°52'25
evening rise	-4248 Jan 04 j 12:18	21° \mathbb{J} 05'18			-4248 Dec 15 j 14:30	0° \mathbb{J}	
	-4248 Jan 09 j 04:18	0° \mathbb{Z}		evening rise	-4248 Dec 17 j 21:19	4° \mathbb{J} 15'15	
asc. node	-4248 Jan 12 j 11:09	5° \mathbb{Z} 52'59		asc. node	-4248 Dec 29 j 08:14	24° \mathbb{J} 16'03	
evening max el	-4248 Jan 20 j 21:52	17° \mathbb{Z} 30'12	18°42'03		-4247 Jan 02 j 21:03	0° \mathbb{Z}	
retrograde	-4248 Jan 28 j 20:36	21° \mathbb{Z} 21'03		evening max el	-4247 Jan 03 j 04:52	0° \mathbb{Z} 19'33	18°15'09
evening set	-4248 Jan 31 j 07:59	21° \mathbb{Z} 00'06		retrograde	-4247 Jan 10 j 06:41	3° \mathbb{Z} 52'25	
inferior conj	-4248 Feb 07 j 23:35	16° \mathbb{Z} 35'48	3°37'54	evening set	-4247 Jan 12 j 20:58	3° \mathbb{Z} 24'46	
minimum elong	-4248 Feb 08 j 03:14	16° \mathbb{Z} 28'55	3°37'09		-4247 Jan 18 j 07:46	30° \mathbb{R} \mathbb{J}	
min. Earth dist.	-4248 Feb 11 j 07:33	14° \mathbb{Z} 06'09	0.58079 AU	inferior conj	-4247 Jan 19 j 21:36	28° \mathbb{J} 38'49	4°02'13
morning rise	-4248 Feb 15 j 20:04	11° \mathbb{Z} 21'25		minimum elong	-4247 Jan 19 j 22:24	28° \mathbb{J} 37'03	4°01'59
direct	-4248 Feb 21 j 15:15	9° \mathbb{Z} 58'22		min. Earth dist.	-4247 Jan 23 j 04:42	25° \mathbb{J} 46'42	0.60053 AU
desc. node	-4248 Feb 24 j 03:44	10° \mathbb{Z} 13'58		morning rise	-4247 Jan 26 j 22:12	23° \mathbb{J} 03'51	
morning max el	-4248 Mar 06 j 21:15	17° \mathbb{Z} 26'06	26°11'48	direct	-4247 Feb 02 j 14:10	21° \mathbb{J} 02'14	
	-4248 Mar 17 j 06:33	0° \mathbb{A}		desc. node	-4247 Feb 10 j 00:50	23° \mathbb{J} 20'02	
	-4248 Apr 03 j 07:47	0° \mathbb{H}		morning max el	-4247 Feb 16 j 18:28	28° \mathbb{J} 39'44	27°13'43
morning set	-4248 Apr 04 j 11:17	2° \mathbb{H} 23'01			-4247 Feb 18 j 02:23	0° \mathbb{Z}	
asc. node	-4248 Apr 09 j 10:39	13° \mathbb{H} 03'33			-4247 Mar 10 j 23:01	0° \mathbb{A}	
superior conj	-4248 Apr 11 j 11:34	17° \mathbb{H} 30'51	0°21'07	morning set	-4247 Mar 19 j 20:27	17° \mathbb{A} 15'28	
minimum elong	-4248 Apr 11 j 10:39	17° \mathbb{H} 25'49	0°20'51		-4247 Mar 25 j 19:30	0° \mathbb{H}	
max. Earth dist.	-4248 Apr 11 j 21:37	18° \mathbb{H} 25'45	1.32691 AU	superior conj	-4247 Mar 26 j 23:16	2° \mathbb{H} 31'46	-0°03'39
	-4248 Apr 17 j 06:26	0° \mathbb{Y}		minimum elong	-4247 Mar 26 j 23:26	2° \mathbb{H} 32'42	0°03'43
evening rise	-4248 Apr 18 j 13:01	2° \mathbb{Y} 39'56		behind sun begin	-4247 Mar 26 j 18:33	2° \mathbb{H} 05'56	
	-4248 May 03 j 10:21	0° \mathbb{B}		behind sun end	-4247 Mar 27 j 04:20	2° \mathbb{H} 59'28	
evening max el	-4248 May 18 j 23:32	20° \mathbb{B} 00'36	26°51'44	max. Earth dist.	-4247 Mar 26 j 11:12	1° \mathbb{H} 25'46	1.32585 AU
desc. node	-4248 May 22 j 02:20	22° \mathbb{B} 44'10		asc. node	-4247 Mar 27 j 07:39	3° \mathbb{H} 17'40	
retrograde	-4248 Jun 01 j 24:00	27° \mathbb{B} 21'16		evening rise	-4247 Apr 02 j 22:36	17° \mathbb{H} 35'39	
evening set	-4248 Jun 08 j 17:06	25° \mathbb{B} 22'01			-4247 Apr 09 j 03:17	0° \mathbb{Y}	
min. Earth dist.	-4248 Jun 12 j 13:04	22° \mathbb{B} 39'07	0.60646 AU		-4247 Apr 29 j 08:56	0° \mathbb{B}	
inferior conj	-4248 Jun 15 j 20:26	19° \mathbb{B} 51'11	-4°17'07	evening max el	-4247 Apr 30 j 21:35	1° \mathbb{B} 31'22	25°50'03
minimum elong	-4248 Jun 15 j 21:05	19° \mathbb{B} 49'49	4°16'58	desc. node	-4247 May 08 j 23:30	7° \mathbb{B} 21'00	
morning rise	-4248 Jun 23 j 02:55	15° \mathbb{B} 05'31		retrograde	-4247 May 14 j 23:38	8° \mathbb{B} 46'05	
direct	-4248 Jun 25 j 15:50	14° \mathbb{B} 40'10		evening set	-4247 May 20 j 19:08	7° \mathbb{B} 24'38	
morning max el	-4248 Jul 02 j 19:49	18° \mathbb{B} 10'42	18°07'44	min. Earth dist.	-4247 May 25 j 10:03	4° \mathbb{B} 39'48	0.58615 AU
asc. node	-4248 Jul 06 j 10:17	22° \mathbb{B} 22'13		inferior conj	-4247 May 28 j 17:40	2° \mathbb{B} 14'06	-4°07'03
	-4248 Jul 11 j 09:05	0° \mathbb{I}		minimum elong	-4247 May 28 j 14:57	2° \mathbb{B} 19'07	4°06'43
morning set	-4248 Jul 18 j 20:06	13° \mathbb{I} 29'25			-4247 May 31 j 22:36	30° \mathbb{R} \mathbb{Y}	
	-4248 Jul 27 j 19:18	0° \mathbb{G}		morning rise	-4247 Jun 05 j 13:26	27° \mathbb{Y} 50'10	
superior conj	-4248 Jul 28 j 18:40	1° \mathbb{G} 44'35	1°43'51	direct	-4247 Jun 08 j 01:27	27° \mathbb{Y} 29'37	
minimum elong	-4248 Jul 28 j 21:23	1° \mathbb{G} 56'44	1°43'54		-4247 Jun 14 j 14:20	0° \mathbb{B}	
max. Earth dist.	-4248 Aug 05 j 07:53	14° \mathbb{G} 49'35	1.41448 AU	morning max el	-4247 Jun 16 j 03:06	1° \mathbb{B} 18'40	18°38'44
evening rise	-4248 Aug 10 j 21:55	24° \mathbb{G} 01'22		asc. node	-4247 Jun 23 j 07:19	10° \mathbb{B} 37'57	
	-4248 Aug 14 j 16:03	0° \mathbb{O}		morning set	-4247 Jul 02 j 10:49	27° \mathbb{B} 16'24	
desc. node	-4248 Aug 18 j 01:22	5° \mathbb{O} 15'44			-4247 Jul 03 j 20:33	0° \mathbb{I}	
	-4248 Sep 04 j 05:05	0° \mathbb{M}		superior conj	-4247 Jul 11 j 08:03	14° \mathbb{I} 21'00	1°49'17
evening max el	-4248 Sep 13 j 07:30	10° \mathbb{M} 51'40	22°34'52	minimum elong	-4247 Jul 11 j 08:09	14° \mathbb{I} 21'31	1°49'28
retrograde	-4248 Sep 23 j 00:32	16° \mathbb{M} 37'17		max. Earth dist.	-4247 Jul 18 j 11:00	27° \mathbb{I} 18'25	1.39527 AU
evening set	-4248 Sep 27 j 15:59	14° \mathbb{M} 43'50			-4247 Jul 20 j 00:00	0° \mathbb{G}	
asc. node	-4248 Oct 02 j 09:21	9° \mathbb{M} 15'09		evening rise	-4247 Jul 22 j 14:54	4° \mathbb{G} 29'23	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-4247 Aug 04 j 22:24	25° $\overline{5}$ 42'04		desc. node	-4246 Jul 22 j 19:27	15° $\overline{5}$ 52'44	
	-4247 Aug 07 j 20:07	0° Ω			-4246 Aug 02 j 07:17	0° Ω	
evening max el	-4247 Aug 26 j 20:03	24° Ω 18'29	23°55'42	evening max el	-4246 Aug 09 j 06:38	7° Ω 47'43	25°13'07
	-4247 Sep 03 j 11:17	0° $\overline{\Pi}$		retrograde	-4246 Aug 21 j 03:33	14° Ω 41'31	
retrograde	-4247 Sep 06 j 16:03	0° $\overline{\Pi}$ 41'36		evening set	-4246 Aug 27 j 00:34	12° Ω 10'23	
	-4247 Sep 09 j 15:25	30° $\overline{\kappa}$ Ω		min. Earth dist.	-4246 Aug 31 j 11:15	7° Ω 08'25	0.66936 AU
evening set	-4247 Sep 11 j 22:05	28° Ω 28'17		inferior conj	-4246 Sep 01 j 10:09	5° Ω 53'19	-1°34'04
min. Earth dist.	-4247 Sep 16 j 17:43	22° Ω 50'23	0.67332 AU	minimum elong	-4246 Sep 01 j 12:19	5° Ω 46'13	1°33'04
inferior conj	-4247 Sep 17 j 05:41	22° Ω 09'40	-0°41'28	asc. node	-4246 Sep 06 j 03:35	0° Ω 31'10	
minimum elong	-4247 Sep 17 j 06:39	22° Ω 06'23	0°40'56		-4246 Sep 06 j 19:47	30° $\overline{\kappa}$ $\overline{5}$	
asc. node	-4247 Sep 19 j 06:28	19° Ω 28'28		morning rise	-4246 Sep 07 j 00:09	29° $\overline{5}$ 52'28	
morning rise	-4247 Sep 22 j 15:12	16° Ω 00'56		direct	-4246 Sep 10 j 11:52	28° $\overline{5}$ 41'56	
direct	-4247 Sep 26 j 14:01	14° Ω 32'25			-4246 Sep 14 j 09:18	0° Ω	
morning max el	-4247 Oct 04 j 20:51	19° Ω 24'25	20°52'12	morning max el	-4246 Sep 17 j 22:33	2° Ω 59'35	19°45'13
	-4247 Oct 13 j 11:05	0° $\overline{\Pi}$			-4246 Oct 07 j 05:47	0° $\overline{\Pi}$	
desc. node	-4247 Oct 31 j 22:13	27° $\overline{\Pi}$ 20'22		morning set	-4246 Oct 13 j 03:21	9° $\overline{\Pi}$ 07'07	
	-4247 Nov 02 j 15:24	0° $\underline{\Omega}$		desc. node	-4246 Oct 18 j 19:09	17° $\overline{\Pi}$ 56'16	
morning set	-4247 Nov 03 j 04:07	0° $\underline{\Omega}$ 49'29		max. Earth dist.	-4246 Oct 25 j 14:56	28° $\overline{\Pi}$ 41'53	1.44163 AU
max. Earth dist.	-4247 Nov 12 j 02:37	15° $\underline{\Omega}$ 01'45	1.42890 AU		-4246 Oct 26 j 10:33	0° $\underline{\Omega}$	
superior conj	-4247 Nov 18 j 18:50	26° $\underline{\Omega}$ 03'44	-1°37'35	superior conj	-4246 Oct 29 j 19:53	5° $\underline{\Omega}$ 25'45	-1°06'14
minimum elong	-4247 Nov 18 j 13:19	25° $\underline{\Omega}$ 40'32	1°37'14	minimum elong	-4246 Oct 29 j 13:06	4° $\underline{\Omega}$ 58'28	1°05'29
	-4247 Nov 21 j 02:35	0° $\overline{\Pi}$		evening rise	-4246 Nov 12 j 15:44	28° $\underline{\Omega}$ 17'00	
evening rise	-4247 Nov 30 j 16:02	16° $\overline{\Pi}$ 42'39			-4246 Nov 13 j 16:06	0° $\overline{\Pi}$	
	-4247 Dec 08 j 05:36	0° $\overline{\chi}$		evening max el	-4246 Dec 01 j 04:52	26° $\overline{\Pi}$ 46'01	18°19'55
asc. node	-4247 Dec 16 j 05:20	11° $\overline{\chi}$ 52'35		asc. node	-4246 Dec 03 j 02:26	28° $\overline{\Pi}$ 28'32	
evening max el	-4247 Dec 17 j 16:09	13° $\overline{\chi}$ 27'17	18°08'01		-4246 Dec 05 j 19:04	0° $\overline{\chi}$	
retrograde	-4247 Dec 24 j 07:30	16° $\overline{\chi}$ 55'39		retrograde	-4246 Dec 07 j 18:24	0° $\overline{\chi}$ 20'45	
evening set	-4247 Dec 27 j 00:38	16° $\overline{\chi}$ 20'27			-4246 Dec 09 j 17:33	30° $\overline{\kappa}$ $\overline{\Pi}$	
inferior conj	-4246 Jan 02 j 13:09	11° $\overline{\chi}$ 13'11	3°59'35	evening set	-4246 Dec 10 j 15:23	29° $\overline{\Pi}$ 36'39	
minimum elong	-4246 Jan 02 j 11:35	11° $\overline{\chi}$ 17'05	3°59'16	inferior conj	-4246 Dec 16 j 18:19	24° $\overline{\Pi}$ 10'06	3°38'16
min. Earth dist.	-4246 Jan 05 j 09:56	8° $\overline{\chi}$ 21'41	0.62016 AU	minimum elong	-4246 Dec 16 j 15:28	24° $\overline{\Pi}$ 18'05	3°37'36
morning rise	-4246 Jan 08 j 21:32	5° $\overline{\chi}$ 23'39		min. Earth dist.	-4246 Dec 19 j 01:00	21° $\overline{\Pi}$ 37'30	0.63757 AU
direct	-4246 Jan 15 j 22:36	2° $\overline{\chi}$ 51'18		morning rise	-4246 Dec 22 j 14:57	18° $\overline{\Pi}$ 10'10	
desc. node	-4246 Jan 27 j 21:53	8° $\overline{\chi}$ 42'04		direct	-4246 Dec 29 j 14:55	15° $\overline{\Pi}$ 21'19	
morning max el	-4246 Jan 29 j 22:08	10° $\overline{\chi}$ 34'28	27°41'16	morning max el	-4245 Jan 12 j 06:05	23° $\overline{\Pi}$ 04'53	27°32'40
	-4246 Feb 14 j 04:15	0° $\overline{3}$		desc. node	-4245 Jan 14 j 18:56	25° $\overline{\Pi}$ 43'29	
	-4246 Mar 03 j 03:04	0° \approx			-4245 Jan 18 j 11:12	0° $\overline{\chi}$	
morning set	-4246 Mar 04 j 01:11	1° \approx 51'59			-4245 Feb 07 j 09:22	0° $\overline{3}$	
max. Earth dist.	-4246 Mar 09 j 22:15	14° \approx 13'50	1.32824 AU	morning set	-4245 Feb 15 j 22:54	16° $\overline{3}$ 03'12	
				max. Earth dist.	-4245 Feb 21 j 02:41	26° $\overline{3}$ 35'41	1.33446 AU
					-4245 Feb 22 j 17:24	0° \approx	
superior conj	-4246 Mar 11 j 09:48	17° \approx 26'13	-0°28'41				
minimum elong	-4246 Mar 11 j 11:05	17° \approx 33'10	0°28'33	superior conj	-4245 Feb 23 j 17:21	2° \approx 07'29	-0°53'05
asc. node	-4246 Mar 14 j 04:40	23° \approx 29'39		minimum elong	-4245 Feb 23 j 19:38	2° \approx 19'38	0°52'49
	-4246 Mar 17 j 05:04	0° $\overline{\chi}$		asc. node	-4245 Mar 01 j 01:41	13° \approx 35'06	
evening rise	-4246 Mar 18 j 10:02	2° $\overline{\chi}$ 33'34		evening rise	-4245 Mar 02 j 21:28	17° \approx 26'43	
	-4246 Apr 02 j 11:15	0° $\overline{\gamma}$			-4245 Mar 09 j 04:06	0° $\overline{\chi}$	
evening max el	-4246 Apr 12 j 14:22	12° $\overline{\gamma}$ 26'51	24°25'36	evening max el	-4245 Mar 25 j 06:53	23° $\overline{\chi}$ 09'54	22°51'40
desc. node	-4246 Apr 25 j 20:38	19° $\overline{\gamma}$ 26'36		retrograde	-4245 Apr 07 j 12:21	29° $\overline{\chi}$ 39'27	
retrograde	-4246 Apr 26 j 12:14	19° $\overline{\gamma}$ 27'35		evening set	-4245 Apr 10 j 18:31	29° $\overline{\chi}$ 16'13	
evening set	-4246 May 01 j 00:47	18° $\overline{\gamma}$ 41'30		desc. node	-4245 Apr 12 j 17:46	28° $\overline{\chi}$ 41'09	
min. Earth dist.	-4246 May 07 j 02:17	15° $\overline{\gamma}$ 39'43	0.56807 AU	min. Earth dist.	-4245 Apr 18 j 16:53	25° $\overline{\chi}$ 45'59	0.55565 AU
inferior conj	-4246 May 09 j 18:59	13° $\overline{\gamma}$ 56'31	-3°22'17	inferior conj	-4245 Apr 20 j 01:35	24° $\overline{\chi}$ 58'42	-1°57'36
minimum elong	-4246 May 09 j 13:25	14° $\overline{\gamma}$ 05'27	3°21'03	minimum elong	-4245 Apr 19 j 20:40	25° $\overline{\chi}$ 05'49	1°56'05
morning rise	-4246 May 18 j 05:13	9° $\overline{\gamma}$ 50'56		morning rise	-4245 Apr 29 j 01:01	21° $\overline{\chi}$ 01'18	
direct	-4246 May 20 j 16:24	9° $\overline{\gamma}$ 34'19		direct	-4245 May 01 j 13:40	20° $\overline{\chi}$ 46'11	
morning max el	-4246 May 30 j 02:26	13° $\overline{\gamma}$ 56'49	19°30'07	morning max el	-4245 May 12 j 15:35	25° $\overline{\chi}$ 56'38	20°41'25
asc. node	-4246 Jun 10 j 04:20	29° $\overline{\gamma}$ 32'08			-4245 May 16 j 09:37	0° $\overline{\gamma}$	
	-4246 Jun 10 j 10:30	0° $\overline{8}$		asc. node	-4245 May 28 j 01:22	18° $\overline{\gamma}$ 55'25	
morning set	-4246 Jun 16 j 10:28	11° $\overline{8}$ 32'24		morning set	-4245 May 31 j 16:20	26° $\overline{\gamma}$ 10'19	
					-4245 Jun 02 j 13:00	0° $\overline{8}$	
superior conj	-4246 Jun 24 j 13:51	27° $\overline{8}$ 48'36	1°45'06				
minimum elong	-4246 Jun 24 j 12:10	27° $\overline{8}$ 40'22	1°45'10	superior conj	-4245 Jun 08 j 07:23	11° $\overline{8}$ 53'56	1°33'50
	-4246 Jun 25 j 16:44	0° $\overline{\Pi}$		minimum elong	-4245 Jun 08 j 04:50	11° $\overline{8}$ 40'55	1°33'43
max. Earth dist.	-4246 Jun 30 j 12:50	9° $\overline{\Pi}$ 11'59	1.37606 AU	max. Earth dist.	-4245 Jun 12 j 20:08	20° $\overline{8}$ 58'06	1.35904 AU
evening rise	-4246 Jul 04 j 09:34	16° $\overline{\Pi}$ 13'22		evening rise	-4245 Jun 17 j 01:25	29° $\overline{8}$ 02'22	
	-4246 Jul 12 j 11:44	0° $\overline{5}$					

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4245 Jun 17 j 13:49	0°♊			-4244 May 24 j 02:04	0°♋	
	-4245 Jul 05 j 16:34	0°♌		max. Earth dist.	-4244 May 25 j 13:11	3°♋01'21	1.34542 AU
desc. node	-4245 Jul 09 j 16:29	5°♌40'51		evening rise	-4244 May 30 j 09:00	12°♋40'12	
evening max el	-4245 Jul 22 j 17:32	21°♌18'43	26°19'01		-4244 Jun 08 j 21:17	0°♊	
retrograde	-4245 Aug 04 j 10:22	28°♌32'00		desc. node	-4244 Jun 25 j 13:33	24°♊56'07	
evening set	-4245 Aug 10 j 21:22	25°♌48'10			-4244 Jun 29 j 17:52	0°♌	
min. Earth dist.	-4245 Aug 14 j 23:56	21°♌24'10	0.66205 AU	evening max el	-4244 Jul 04 j 05:01	4°♌43'23	27°05'20
inferior conj	-4245 Aug 16 j 10:54	19°♌35'58	-2°24'01	retrograde	-4244 Jul 17 j 11:47	12°♌05'22	
minimum elong	-4245 Aug 16 j 14:03	19°♌26'12	2°22'44	evening set	-4244 Jul 24 j 09:53	9°♌17'29	
morning rise	-4245 Aug 22 j 06:58	13°♌46'07		min. Earth dist.	-4244 Jul 28 j 05:23	5°♌31'24	0.65107 AU
asc. node	-4245 Aug 24 j 00:41	13°♌01'14		inferior conj	-4244 Jul 30 j 05:44	3°♌13'15	-3°09'07
direct	-4245 Aug 25 j 09:57	12°♌50'16		minimum elong	-4244 Jul 30 j 09:26	3°♌02'40	3°07'53
morning max el	-4245 Sep 01 j 06:42	16°♌41'53	18°52'55		-4244 Aug 02 j 05:40	30°♋♊	
	-4245 Sep 11 j 04:40	0°♎		morning rise	-4244 Aug 05 j 09:26	27°♊37'44	
morning set	-4245 Sep 22 j 19:27	18°♎17'57		direct	-4244 Aug 08 j 06:02	26°♊53'25	
	-4245 Sep 30 j 04:41	0°♏		asc. node	-4244 Aug 09 j 21:46	27°♊08'12	
desc. node	-4245 Oct 05 j 16:05	8°♏38'05			-4244 Aug 14 j 08:15	0°♌	
				morning max el	-4244 Aug 14 j 19:20	0°♌27'16	18°17'04
superior conj	-4245 Oct 08 j 23:26	13°♏50'47	-0°20'50	morning set	-4244 Sep 02 j 14:31	28°♌47'22	
minimum elong	-4245 Oct 08 j 20:43	13°♏40'04	0°20'25		-4244 Sep 03 j 08:05	0°♎	
max. Earth dist.	-4245 Oct 08 j 07:34	12°♏48'14	1.44780 AU				
	-4245 Oct 19 j 03:59	0°♏		superior conj	-4244 Sep 17 j 00:48	22°♎13'43	0°28'20
evening rise	-4245 Oct 24 j 15:56	8°♏49'28		minimum elong	-4244 Sep 17 j 04:15	22°♎27'28	0°28'01
	-4245 Nov 06 j 23:06	0°♐		max. Earth dist.	-4244 Sep 20 j 01:39	27°♎02'39	1.44670 AU
evening max el	-4245 Nov 14 j 16:26	10°♐10'50	18°49'48	desc. node	-4244 Sep 21 j 12:59	29°♎22'07	
asc. node	-4245 Nov 19 j 23:32	13°♐48'40			-4244 Sep 21 j 22:36	0°♏	
retrograde	-4245 Nov 21 j 11:33	14°♐01'13		evening rise	-4244 Oct 03 j 15:13	18°♏18'10	
evening set	-4245 Nov 24 j 14:05	13°♐06'14			-4244 Oct 11 j 03:51	0°♏	
inferior conj	-4245 Nov 30 j 09:36	7°♐22'56	3°04'22	greatest brilliancy	-4244 Oct 15 j 07:45	6°♏23'17	-0.7m
minimum elong	-4245 Nov 30 j 06:24	7°♐32'41	3°03'24	evening max el	-4244 Oct 28 j 00:25	23°♏37'30	19°36'16
min. Earth dist.	-4245 Dec 02 j 01:43	5°♐20'38	0.65168 AU	retrograde	-4244 Nov 04 j 07:56	27°♏52'05	
morning rise	-4245 Dec 05 j 22:21	1°♐15'32		asc. node	-4244 Nov 05 j 20:38	27°♏38'32	
	-4245 Dec 07 j 14:15	30°♋♏		evening set	-4244 Nov 07 j 18:02	26°♏43'46	
direct	-4245 Dec 12 j 13:51	28°♏25'09		inferior conj	-4244 Nov 13 j 08:00	20°♏46'39	2°22'00
	-4245 Dec 18 j 01:28	0°♐		minimum elong	-4244 Nov 13 j 05:09	20°♏55'54	2°20'59
morning max el	-4245 Dec 25 j 15:37	5°♐59'59	26°51'58	min. Earth dist.	-4244 Nov 14 j 10:43	19°♏19'45	0.66216 AU
desc. node	-4244 Jan 01 j 15:57	13°♐55'31		morning rise	-4244 Nov 18 j 16:02	14°♏34'10	
	-4244 Jan 13 j 04:36	0°♑		direct	-4244 Nov 24 j 18:26	11°♏54'10	
morning set	-4244 Jan 30 j 10:16	29°♑38'22		morning max el	-4244 Dec 07 j 00:50	19°♏08'19	25°46'44
	-4244 Jan 30 j 14:47	0°♒			-4244 Dec 16 j 07:42	0°♐	
max. Earth dist.	-4244 Feb 03 j 20:58	8°♒22'38	1.34500 AU	desc. node	-4244 Dec 18 j 12:57	2°♐57'11	
					-4243 Jan 05 j 05:56	0°♑	
superior conj	-4244 Feb 07 j 19:52	16°♒28'54	-1°15'39	morning set	-4243 Jan 12 j 06:52	12°♑24'21	
minimum elong	-4244 Feb 07 j 22:49	16°♒44'18	1°15'24	max. Earth dist.	-4243 Jan 16 j 03:47	19°♑39'34	1.35998 AU
	-4244 Feb 14 j 06:22	0°♓			-4243 Jan 21 j 10:14	0°♒	
evening rise	-4244 Feb 15 j 07:10	2°♓09'05					
asc. node	-4244 Feb 15 j 22:42	3°♓29'24		superior conj	-4243 Jan 21 j 14:45	0°♒22'39	-1°34'53
	-4244 Mar 02 j 10:46	0°♈		minimum elong	-4243 Jan 21 j 17:48	0°♒38'01	1°34'46
evening max el	-4244 Mar 06 j 05:20	4°♈07'15	21°21'33	evening rise	-4243 Jan 29 j 13:13	16°♒34'50	
retrograde	-4244 Mar 18 j 02:40	9°♈48'52		asc. node	-4243 Feb 01 j 19:42	23°♒07'37	
evening set	-4244 Mar 20 j 14:52	9°♈34'31			-4243 Feb 05 j 11:13	0°♓	
inferior conj	-4244 Mar 29 j 21:29	5°♈34'47	-0°04'33	evening max el	-4243 Feb 16 j 13:33	15°♓36'23	20°04'54
minimum elong	-4244 Mar 29 j 21:16	5°♈35'05	0°04'34	retrograde	-4243 Feb 26 j 18:35	20°♓26'55	
transit middle	-4244 Mar 29 j 21:16	5°♈35'05	0°04'34	evening set	-4243 Mar 01 j 02:17	20°♓13'01	
transit begin	-4244 Mar 29 j 17:20	5°♈40'38		inferior conj	-4243 Mar 09 j 20:33	16°♓13'02	1°46'33
transit end	-4244 Mar 30 j 01:12	5°♈29'33		minimum elong	-4243 Mar 10 j 00:47	16°♓06'38	1°45'05
desc. node	-4244 Mar 29 j 14:55	5°♈44'03		min. Earth dist.	-4243 Mar 11 j 21:08	14°♓59'44	0.55718 AU
min. Earth dist.	-4244 Mar 30 j 07:02	5°♈21'19	0.55175 AU	desc. node	-4243 Mar 16 j 12:03	12°♓34'27	
morning rise	-4244 Apr 08 j 03:34	1°♈29'28		morning rise	-4243 Mar 18 j 21:18	11°♓43'53	
direct	-4244 Apr 11 j 02:11	1°♈10'26		direct	-4243 Mar 22 j 18:10	11°♓10'58	
morning max el	-4244 Apr 23 j 17:45	7°♈14'09	22°09'50	morning max el	-4243 Apr 05 j 11:31	17°♓59'29	23°48'08
	-4244 May 09 j 13:07	0°♉			-4243 Apr 15 j 06:34	0°♈	
asc. node	-4244 May 13 j 22:21	8°♉39'36		morning set	-4243 Apr 29 j 14:00	26°♈04'07	
morning set	-4244 May 15 j 02:08	11°♉02'53		asc. node	-4243 Apr 30 j 19:20	28°♈38'47	
					-4243 May 01 j 10:37	0°♉	
superior conj	-4244 May 22 j 09:00	26°♉25'18	1°17'28				
minimum elong	-4244 May 22 j 06:19	26°♉11'13	1°17'10	superior conj	-4243 May 06 j 16:02	11°♉14'27	0°57'27

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4243 May 06 j 13:46	11° Υ 02'16	0°57'04	superior conj	-4242 Apr 21 j 02:17	26° H 13'06	0°34'53
max. Earth dist.	-4243 May 08 j 15:56	15° Υ 30'29	1.33548 AU	minimum elong	-4242 Apr 21 j 00:49	26° H 05'02	0°34'34
evening rise	-4243 May 14 j 03:52	26° Υ 53'20		max. Earth dist.	-4242 Apr 22 j 01:36	28° H 19'50	1.32906 AU
	-4243 May 15 j 17:28	0° B			-4242 Apr 22 j 20:05	0° Υ	
	-4243 Jun 02 j 04:55	0° Π		evening rise	-4242 Apr 28 j 06:27	11° Υ 29'45	
desc. node	-4243 Jun 12 j 10:39	13° Π 24'37			-4242 May 07 j 23:02	0° B	
evening max el	-4243 Jun 16 j 15:33	17° Π 49'47	27°24'58		-4242 May 29 j 12:30	0° Π	
retrograde	-4243 Jun 30 j 07:23	25° Π 13'47		evening max el	-4242 May 29 j 22:38	0° Π 24'31	27°13'12
evening set	-4243 Jul 07 j 11:00	22° Π 33'39		desc. node	-4242 May 30 j 07:47	0° Π 46'11	
min. Earth dist.	-4243 Jul 11 j 01:40	19° Π 21'19	0.63628 AU	retrograde	-4242 Jun 12 j 20:36	7° Π 47'37	
inferior conj	-4243 Jul 13 j 16:07	16° Π 40'10	-3°46'20	evening set	-4242 Jun 19 j 20:52	5° Π 29'21	
minimum elong	-4243 Jul 13 j 19:35	16° Π 31'09	3°45'28	min. Earth dist.	-4242 Jun 23 j 12:00	2° Π 40'18	0.61801 AU
morning rise	-4243 Jul 20 j 05:00	11° Π 22'14			-4242 Jun 26 j 10:11	30° R B	
direct	-4243 Jul 22 j 21:19	10° Π 46'48		inferior conj	-4242 Jun 26 j 14:52	29° B 49'12	-4°11'06
asc. node	-4243 Jul 27 j 18:51	12° Π 44'23		minimum elong	-4242 Jun 26 j 16:58	29° B 44'24	4°10'45
morning max el	-4243 Jul 29 j 10:06	14° Π 11'33	17°58'46	morning rise	-4242 Jul 03 j 14:31	24° B 51'35	
	-4243 Aug 09 j 09:09	0° E		direct	-4242 Jul 06 j 04:16	24° B 23'03	
morning set	-4243 Aug 15 j 11:10	10° E 29'56		morning max el	-4242 Jul 13 j 00:15	27° B 48'17	17°58'59
	-4243 Aug 26 j 22:15	0° O		asc. node	-4242 Jul 14 j 15:54	29° B 34'29	
					-4242 Jul 15 j 00:31	0° Π	
superior conj	-4243 Aug 27 j 21:18	1° O 35'16	1°08'58	morning set	-4242 Jul 29 j 04:08	23° Π 11'05	
minimum elong	-4243 Aug 28 j 03:10	1° O 59'24	1°08'29		-4242 Aug 01 j 22:19	0° E	
max. Earth dist.	-4243 Sep 02 j 17:56	11° O 06'41	1.43855 AU	superior conj	-4242 Aug 08 j 21:31	12° E 19'40	1°35'13
desc. node	-4243 Sep 08 j 09:55	20° O 05'42		minimum elong	-4242 Aug 09 j 01:50	12° E 38'20	1°35'05
evening rise	-4243 Sep 12 j 21:16	27° O 03'39		max. Earth dist.	-4242 Aug 16 j 05:12	24° E 41'05	1.42445 AU
	-4243 Sep 14 j 19:01	0° N			-4242 Aug 19 j 11:29	0° O	
	-4243 Oct 05 j 05:20	0° A		evening rise	-4242 Aug 23 j 04:14	5° O 53'53	
evening max el	-4243 Oct 11 j 02:57	7° O 03'29	20°37'13	desc. node	-4242 Aug 26 j 06:53	10° O 45'52	
retrograde	-4243 Oct 19 j 05:08	11° A 49'56			-4242 Sep 08 j 02:59	0° N	
evening set	-4243 Oct 23 j 00:58	10° A 25'43		evening max el	-4242 Sep 23 j 23:13	20° N 28'39	21°49'40
asc. node	-4243 Oct 23 j 17:46	9° A 52'02		retrograde	-4242 Oct 03 j 01:18	25° N 52'36	
inferior conj	-4243 Oct 28 j 11:05	4° A 18'03	1°33'59	evening set	-4242 Oct 07 j 08:58	24° N 10'18	
minimum elong	-4243 Oct 28 j 09:02	4° A 24'59	1°33'11	asc. node	-4242 Oct 10 j 14:53	20° N 43'39	
min. Earth dist.	-4243 Oct 29 j 01:57	3° A 27'38	0.66922 AU	inferior conj	-4242 Oct 12 j 16:52	17° N 55'34	0°42'31
	-4243 Oct 31 j 19:06	30° R N		minimum elong	-4242 Oct 12 j 15:53	17° N 58'56	0°42'09
morning rise	-4243 Nov 02 j 16:56	28° N 02'50		min. Earth dist.	-4242 Oct 12 j 21:04	17° N 41'02	0.67317 AU
direct	-4243 Nov 08 j 04:14	25° N 40'35		morning rise	-4242 Oct 17 j 22:40	11° N 40'20	
	-4243 Nov 16 j 21:21	0° A		direct	-4242 Oct 22 j 18:49	9° N 39'01	
morning max el	-4243 Nov 19 j 09:34	2° A 21'51	24°26'03	morning max el	-4242 Nov 01 j 19:44	15° N 38'36	22°59'39
desc. node	-4243 Dec 05 j 09:53	22° A 33'28			-4242 Nov 13 j 12:24	0° A	
	-4243 Dec 10 j 11:07	0° M		desc. node	-4242 Nov 22 j 06:49	12° A 34'43	
morning set	-4243 Dec 25 j 06:53	24° M 04'18			-4242 Dec 03 j 11:52	0° M	
	-4243 Dec 28 j 15:11	0° X		morning set	-4242 Dec 06 j 04:29	4° M 24'23	
max. Earth dist.	-4243 Dec 29 j 01:52	0° X 48'13	1.37874 AU	max. Earth dist.	-4242 Dec 10 j 21:54	12° M 22'27	1.39939 AU
superior conj	-4242 Jan 04 j 22:32	13° X 37'50	-1°48'43	superior conj	-4242 Dec 18 j 14:48	26° M 03'13	-1°54'17
minimum elong	-4242 Jan 05 j 00:43	13° X 48'23	1°48'47	minimum elong	-4242 Dec 18 j 14:48	26° M 03'09	1°54'26
	-4242 Jan 13 j 06:01	0° B			-4242 Dec 20 j 18:06	0° X	
evening rise	-4242 Jan 13 j 13:20	0° B 36'15		evening rise	-4242 Dec 28 j 04:49	14° X 06'51	
asc. node	-4242 Jan 19 j 16:45	12° B 22'48			-4241 Jan 05 j 21:23	0° B	
evening max el	-4242 Jan 30 j 08:03	27° B 40'15	19°06'34	asc. node	-4241 Jan 06 j 13:49	1° B 07'24	
	-4242 Feb 02 j 06:08	0° \approx		evening max el	-4241 Jan 13 j 11:15	10° B 15'00	18°28'10
retrograde	-4242 Feb 08 j 00:08	1° \approx 49'05		retrograde	-4241 Jan 20 j 23:58	13° B 56'39	
evening set	-4242 Feb 10 j 09:35	1° \approx 31'28		evening set	-4241 Jan 23 j 12:26	13° B 33'09	
	-4242 Feb 14 j 04:50	30° R B		inferior conj	-4241 Jan 30 j 21:22	8° B 59'55	3°52'06
inferior conj	-4242 Feb 18 j 10:50	27° B 17'57	3°08'12	minimum elong	-4241 Jan 30 j 23:50	8° B 54'57	3°51'38
minimum elong	-4242 Feb 18 j 15:38	27° B 09'37	3°06'59	min. Earth dist.	-4241 Feb 03 j 06:34	6° B 17'33	0.58896 AU
min. Earth dist.	-4242 Feb 21 j 12:13	25° B 11'41	0.57053 AU	morning rise	-4241 Feb 07 j 09:02	3° B 35'30	
morning rise	-4242 Feb 26 j 19:04	22° B 18'33		direct	-4241 Feb 13 j 14:17	1° B 55'37	
desc. node	-4242 Mar 03 j 09:11	21° B 18'03		desc. node	-4241 Feb 18 j 06:17	2° B 49'46	
direct	-4242 Mar 03 j 21:37	21° B 17'25		morning max el	-4241 Feb 27 j 20:26	9° B 29'12	26°41'55
morning max el	-4242 Mar 18 j 02:30	28° B 35'20	25°23'55		-4241 Mar 15 j 12:31	0° \approx	
	-4242 Mar 19 j 12:23	0° H		morning set	-4241 Mar 29 j 12:59	26° \approx 04'50	
	-4242 Apr 08 j 13:46	0° H			-4241 Mar 31 j 09:32	0° H	
morning set	-4242 Apr 14 j 02:11	11° H 06'53		asc. node	-4241 Apr 04 j 13:18	9° H 00'04	
asc. node	-4242 Apr 17 j 16:19	18° H 47'04					

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4241 Apr 05 j 13:58	11° X 14'58	0°10'43			-4240 Mar 07 j 09:13	0° \approx	
minimum elong	-4241 Apr 05 j 13:29	11° X 12'23	0°10'33	morning set		-4240 Mar 12 j 20:32	10° \approx 51'09	
behind sun begin	-4241 Apr 05 j 09:45	10° X 51'55		max. Earth dist.		-4240 Mar 19 j 03:26	24° \approx 14'11	1.32635 AU
behind sun end	-4241 Apr 05 j 17:14	11° X 32'51						
max. Earth dist.	-4241 Apr 05 j 14:38	11° X 18'37	1.32601 AU	superior conj		-4240 Mar 20 j 01:24	26° \approx 13'53	-0°14'17
evening rise	-4241 Apr 12 j 14:07	26° X 20'27		minimum elong		-4240 Mar 20 j 02:02	26° \approx 17'24	0°14'15
	-4241 Apr 14 j 08:42	0° Y		behind sun begin		-4240 Mar 19 j 23:51	26° \approx 05'26	
	-4241 May 01 j 16:24	0° Z		behind sun end		-4240 Mar 20 j 04:14	26° \approx 29'22	
evening max el	-4241 May 12 j 00:13	12° Z 19'03	26°28'52	asc. node		-4240 Mar 21 j 10:19	29° \approx 13'39	
desc. node	-4241 May 17 j 04:56	16° Z 33'01				-4240 Mar 21 j 18:48	0° X	
retrograde	-4241 May 26 j 02:08	19° Z 38'36		evening rise		-4240 Mar 27 j 00:42	11° X 17'52	
evening set	-4241 Jun 01 j 11:22	17° Z 54'49				-4240 Apr 05 j 15:49	0° Y	
min. Earth dist.	-4241 Jun 05 j 13:25	15° Z 13'04	0.59773 AU	evening max el		-4240 Apr 22 j 19:54	23° Y 34'02	25°16'22
inferior conj	-4241 Jun 08 j 22:27	12° Z 31'35	-4°16'29			-4240 May 02 j 13:10	0° Z	
minimum elong	-4241 Jun 08 j 21:45	12° Z 32'59	4°16'21	desc. node		-4240 May 03 j 02:05	0° Z 10'10	
morning rise	-4241 Jun 16 j 10:26	7° Z 55'30		retrograde		-4240 May 06 j 21:33	0° Z 44'13	
direct	-4241 Jun 18 j 22:46	7° Z 32'27				-4240 May 11 j 05:43	30° R Y	
morning max el	-4241 Jun 26 j 10:54	11° Z 09'24	18°18'27	evening set		-4240 May 12 j 04:20	29° Y 39'10	
asc. node	-4241 Jul 01 j 12:57	17° Z 22'53		min. Earth dist.		-4240 May 17 j 08:19	26° Y 48'27	0.57794 AU
	-4241 Jul 08 j 23:37	0° II		inferior conj		-4240 May 20 j 11:30	24° Y 38'47	-3°52'57
morning set	-4241 Jul 12 j 12:09	6° II 36'55		minimum elong		-4240 May 20 j 07:21	24° Y 46'01	3°52'15
				morning rise		-4240 May 28 j 13:18	20° Y 23'02	
superior conj	-4241 Jul 21 j 22:55	24° II 19'20	1°47'30	direct		-4240 May 31 j 00:49	20° Y 04'22	
minimum elong	-4241 Jul 22 j 00:27	24° II 26'22	1°47'39	morning max el		-4240 Jun 08 j 15:10	24° Y 06'15	18°58'00
	-4241 Jul 25 j 02:36	0° E				-4240 Jun 13 j 14:40	0° Z	
max. Earth dist.	-4241 Jul 29 j 10:18	7° E 32'18	1.40643 AU	asc. node		-4240 Jun 17 j 10:00	5° Z 56'42	
evening rise	-4241 Aug 03 j 06:17	15° E 38'48		morning set		-4240 Jun 25 j 07:07	20° Z 37'48	
	-4241 Aug 12 j 07:23	0° O				-4240 Jun 30 j 01:19	0° II	
desc. node	-4241 Aug 13 j 03:54	1° O 18'22						
	-4241 Sep 02 j 23:54	0° P		superior conj		-4240 Jul 03 j 19:58	7° II 19'34	1°48'31
evening max el	-4241 Sep 06 j 14:00	3° P 54'07	23°09'14	minimum elong		-4240 Jul 03 j 19:12	7° II 15'55	1°48'40
retrograde	-4241 Sep 16 j 18:51	9° P 56'47		max. Earth dist.		-4240 Jul 10 j 12:13	19° II 44'12	1.38701 AU
evening set	-4241 Sep 21 j 16:15	7° P 55'00		evening rise		-4240 Jul 14 j 10:41	26° II 40'46	
inferior conj	-4241 Sep 26 j 23:30	1° P 36'51	-0°10'42			-4240 Jul 16 j 09:14	0° E	
minimum elong	-4241 Sep 26 j 23:45	1° P 36'00	0°10'30	desc. node		-4240 Jul 30 j 00:56	21° E 38'50	
transit middle	-4241 Sep 26 j 23:45	1° P 36'00	0°10'30			-4240 Aug 04 j 20:41	0° O	
transit begin	-4241 Sep 26 j 21:41	1° P 43'08		evening max el		-4240 Aug 19 j 01:36	17° O 22'42	24°29'31
transit end	-4241 Sep 27 j 01:49	1° P 28'52		retrograde		-4240 Aug 30 j 08:41	23° O 59'34	
min. Earth dist.	-4241 Sep 26 j 17:33	1° P 57'21	0.67413 AU	evening set		-4240 Sep 04 j 21:01	21° O 38'34	
asc. node	-4241 Sep 27 j 12:01	0° P 53'52		min. Earth dist.		-4240 Sep 09 j 12:51	16° O 15'28	0.67210 AU
	-4241 Sep 28 j 03:54	30° R O		inferior conj		-4240 Sep 10 j 05:17	15° O 20'20	-1°03'59
morning rise	-4241 Oct 02 j 07:09	25° O 24'37		minimum elong		-4240 Sep 10 j 06:46	15° O 15'20	1°03'14
direct	-4241 Oct 06 j 13:16	23° O 44'28		asc. node		-4240 Sep 13 j 09:09	11° O 21'56	
morning max el	-4241 Oct 15 j 10:19	29° O 00'05	21°36'07	morning rise		-4240 Sep 15 j 16:29	9° O 14'23	
	-4241 Oct 16 j 09:11	0° P		direct		-4240 Sep 19 j 10:24	7° O 53'41	
	-4241 Nov 07 j 06:11	0° E		morning max el		-4240 Sep 27 j 07:45	12° O 29'52	20°21'55
desc. node	-4241 Nov 09 j 03:45	2° E 53'22				-4240 Oct 10 j 14:56	0° P	
morning set	-4241 Nov 15 j 21:44	13° E 23'28		morning set		-4240 Oct 24 j 21:09	21° P 37'17	
max. Earth dist.	-4241 Nov 22 j 22:49	24° E 46'46	1.41914 AU	desc. node		-4240 Oct 26 j 00:41	23° P 24'12	
	-4241 Nov 26 j 01:56	0° M				-4240 Oct 30 j 05:49	0° E	
				max. Earth dist.		-4240 Nov 04 j 07:40	8° E 04'35	1.43513 AU
superior conj	-4241 Nov 30 j 10:03	7° M 25'05	-1°48'01					
minimum elong	-4241 Nov 30 j 06:35	7° M 09'59	1°47'56	superior conj		-4240 Nov 10 j 03:03	17° E 31'37	-1°26'19
evening rise	-4241 Dec 11 j 08:12	26° M 58'50		minimum elong		-4240 Nov 09 j 20:28	17° E 04'30	1°25'46
	-4241 Dec 12 j 23:52	0° X				-4240 Nov 17 j 13:17	0° M	
asc. node	-4241 Dec 24 j 10:53	19° X 11'43		evening rise		-4240 Nov 22 j 19:20	9° M 04'11	
evening max el	-4241 Dec 27 j 20:25	23° X 12'44	18°09'48			-4240 Dec 05 j 07:05	0° X	
retrograde	-4240 Jan 03 j 16:34	26° X 41'56		asc. node		-4240 Dec 10 j 07:58	6° X 24'00	
evening set	-4240 Jan 06 j 08:02	26° X 11'12		evening max el		-4240 Dec 10 j 08:41	6° X 25'48	18°10'50
inferior conj	-4240 Jan 13 j 03:12	21° X 16'22	4°03'50	retrograde		-4240 Dec 16 j 22:04	9° X 55'14	
minimum elong	-4240 Jan 13 j 02:53	21° X 17'07	4°03'38	evening set		-4240 Dec 19 j 16:49	9° X 16'17	
min. Earth dist.	-4240 Jan 16 j 06:55	18° X 21'34	0.60905 AU	inferior conj		-4240 Dec 26 j 00:57	4° X 00'30	3°52'22
morning rise	-4240 Jan 19 j 20:21	15° X 34'41		minimum elong		-4240 Dec 25 j 22:43	4° X 06'24	3°51'55
direct	-4240 Jan 26 j 17:48	13° X 18'04		min. Earth dist.		-4240 Dec 28 j 15:57	1° X 15'23	0.62798 AU
desc. node	-4240 Feb 05 j 03:22	16° X 57'16				-4240 Dec 29 j 22:41	30° R M	
morning max el	-4240 Feb 09 j 20:16	20° X 58'52	27°29'53	morning rise		-4239 Jan 01 j 03:50	28° M 06'27	
	-4240 Feb 17 j 17:00	0° Z		direct		-4239 Jan 08 j 05:43	25° M 25'13	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4239 Jan 18 j 13:48	0°♌		morning max el	-4238 Jan 04 j 10:52	15°♌51'33	27°19'00
morning max el	-4239 Jan 22 j 01:48	3°♌08'33	27°41'56	desc. node	-4238 Jan 08 j 21:26	20°♌39'44	
desc. node	-4239 Jan 22 j 00:25	3°♌05'08			-4238 Jan 16 j 04:33	0°♌	
	-4239 Feb 11 j 02:40	0°♍			-4238 Feb 03 j 19:22	0°♍	
morning set	-4239 Feb 24 j 22:34	25°♍17'20		morning set	-4238 Feb 08 j 16:19	9°♍14'36	
	-4239 Feb 27 j 05:50	0°♎		max. Earth dist.	-4238 Feb 13 j 12:53	19°♍01'10	1.33844 AU
max. Earth dist.	-4239 Mar 02 j 12:07	6°♎52'10	1.33037 AU				
				superior conj	-4238 Feb 16 j 16:30	25°♍36'35	-1°02'57
superior conj	-4239 Mar 04 j 10:51	11°♎03'05	-0°39'10	minimum elong	-4238 Feb 16 j 19:07	25°♍50'27	1°02'41
minimum elong	-4239 Mar 04 j 12:35	11°♎12'25	0°38'58		-4238 Feb 18 j 18:07	0°♎	
asc. node	-4239 Mar 08 j 07:18	19°♎23'05		asc. node	-4238 Feb 23 j 04:17	9°♎24'17	
evening rise	-4239 Mar 11 j 12:19	26°♎14'19		evening rise	-4238 Feb 23 j 23:15	11°♎03'47	
	-4239 Mar 13 j 07:42	0°♏			-4238 Mar 05 j 20:47	0°♏	
	-4239 Mar 31 j 10:53	0°♐		evening max el	-4238 Mar 17 j 06:06	15°♏06'10	22°12'06
evening max el	-4239 Apr 04 j 11:58	4°♐21'05	23°46'05	retrograde	-4238 Mar 29 j 23:22	21°♏17'07	
retrograde	-4239 Apr 18 j 04:21	11°♐10'09		evening set	-4238 Apr 01 j 20:16	20°♏58'53	
desc. node	-4239 Apr 19 j 23:14	11°♐02'59		desc. node	-4238 Apr 06 j 20:21	19°♏11'23	
evening set	-4239 Apr 22 j 03:18	10°♐35'39		min. Earth dist.	-4238 Apr 10 j 13:21	17°♏12'28	0.55287 AU
min. Earth dist.	-4239 Apr 28 j 23:24	7°♐23'29	0.56190 AU	inferior conj	-4238 Apr 11 j 04:51	16°♏50'34	-1°11'33
inferior conj	-4239 May 01 j 04:21	6°♐03'12	-2°51'07	minimum elong	-4238 Apr 11 j 01:36	16°♏55'09	1°10'31
minimum elong	-4239 Apr 30 j 22:30	6°♐12'08	2°49'34	morning rise	-4238 Apr 20 j 08:23	12°♏52'28	
morning rise	-4239 May 09 j 20:34	2°♐02'37		direct	-4238 Apr 22 j 23:53	12°♏36'37	
direct	-4239 May 12 j 08:04	1°♐46'54		morning max el	-4238 May 04 j 18:37	18°♏09'09	21°17'21
morning max el	-4239 May 22 j 10:15	6°♐28'10	19°58'05		-4238 May 14 j 02:25	0°♑	
asc. node	-4239 Jun 04 j 07:00	25°♑04'08		asc. node	-4238 May 22 j 04:00	14°♑36'40	
	-4239 Jun 06 j 20:43	0°♒		morning set	-4238 May 24 j 17:30	19°♑48'43	
morning set	-4239 Jun 09 j 09:45	5°♒04'08			-4238 May 29 j 14:47	0°♒	
				superior conj	-4238 Jun 01 j 04:36	5°♒21'44	1°27'26
superior conj	-4239 Jun 17 j 07:15	21°♒04'28	1°41'04	minimum elong	-4238 Jun 01 j 01:55	5°♒07'52	1°27'13
minimum elong	-4239 Jun 17 j 05:06	20°♒53'45	1°41'03	max. Earth dist.	-4238 Jun 05 j 03:17	13°♒23'42	1.35277 AU
	-4239 Jun 21 j 20:37	0°♓		evening rise	-4238 Jun 09 j 14:08	22°♒04'48	
max. Earth dist.	-4239 Jun 22 j 16:07	1°♓33'01	1.36852 AU		-4238 Jun 13 j 20:56	0°♓	
evening rise	-4239 Jun 26 j 15:02	8°♓54'02			-4238 Jul 02 j 20:28	0°♓	
	-4239 Jul 09 j 02:32	0°♔		desc. node	-4238 Jul 03 j 19:03	1°♔16'13	
desc. node	-4239 Jul 16 j 22:00	11°♔40'51		evening max el	-4238 Jul 14 j 23:20	14°♔22'11	26°41'28
	-4239 Jul 31 j 14:52	0°♕		retrograde	-4238 Jul 27 j 22:36	21°♔40'23	
evening max el	-4239 Aug 01 j 12:17	0°♕53'34	25°42'58	evening set	-4238 Aug 03 j 14:58	18°♔53'13	
retrograde	-4239 Aug 13 j 18:02	7°♕56'09		min. Earth dist.	-4238 Aug 07 j 14:15	14°♔45'54	0.65788 AU
evening set	-4239 Aug 19 j 21:21	5°♕18'49		inferior conj	-4238 Aug 09 j 06:53	12°♔44'07	-2°43'54
min. Earth dist.	-4239 Aug 24 j 04:32	0°♕32'59	0.66679 AU	minimum elong	-4238 Aug 09 j 10:21	12°♔33'45	2°42'36
	-4239 Aug 24 j 14:52	30°♖		morning rise	-4238 Aug 15 j 06:03	7°♔00'18	
inferior conj	-4239 Aug 25 j 08:24	29°♔03'43	-1°55'42	direct	-4238 Aug 18 j 06:02	6°♔09'48	
minimum elong	-4239 Aug 25 j 11:01	28°♔55'19	1°54'32	asc. node	-4238 Aug 18 j 03:22	6°♔09'52	
morning rise	-4239 Aug 31 j 00:48	23°♔07'15		morning max el	-4238 Aug 24 j 22:48	9°♔52'38	18°35'37
asc. node	-4239 Aug 31 j 06:16	22°♔58'48			-4238 Sep 08 j 01:04	0°♕	
direct	-4239 Sep 03 j 08:37	22°♔03'15		morning set	-4238 Sep 14 j 04:38	9°♕55'39	
morning max el	-4239 Sep 10 j 12:22	26°♔08'16	19°21'00		-4238 Sep 26 j 18:05	0°♖	
	-4239 Sep 13 j 20:42	0°♗					
	-4239 Oct 03 j 22:19	0°♘		superior conj	-4238 Sep 29 j 17:03	4°♖40'10	0°00'24
morning set	-4239 Oct 04 j 01:26	0°♘12'11		minimum elong	-4238 Sep 29 j 17:07	4°♖40'24	0°00'29
desc. node	-4239 Oct 12 j 21:37	14°♘03'00		behind sun begin	-4238 Sep 29 j 05:45	3°♖55'36	
max. Earth dist.	-4239 Oct 17 j 22:46	22°♘00'21	1.44519 AU	behind sun end	-4238 Sep 30 j 04:29	5°♖25'11	
				desc. node	-4238 Sep 29 j 18:33	4°♖46'04	
superior conj	-4239 Oct 20 j 17:22	26°♘24'31	-0°48'13	max. Earth dist.	-4238 Sep 30 j 16:36	6°♖12'56	1.44821 AU
minimum elong	-4239 Oct 20 j 11:40	26°♘01'50	0°47'30	evening rise	-4238 Oct 15 j 22:59	0°♗18'22	
	-4239 Oct 22 j 23:23	0°♘			-4238 Oct 15 j 18:20	0°♗	
evening rise	-4239 Nov 04 j 09:32	20°♗13'32		greatest brilliancy	-4238 Oct 24 j 08:30	13°♗36'14	-0.8m
	-4239 Nov 10 j 07:10	0°♙			-4238 Nov 04 j 12:30	0°♙	
evening max el	-4239 Nov 23 j 21:13	19°♙47'46	18°30'28	evening max el	-4238 Nov 07 j 07:27	3°♙13'12	19°07'35
asc. node	-4239 Nov 27 j 05:04	22°♙29'53		retrograde	-4238 Nov 14 j 07:11	7°♙13'18	
retrograde	-4239 Nov 30 j 12:11	23°♙28'06		asc. node	-4238 Nov 14 j 02:11	7°♙13'03	
evening set	-4239 Dec 03 j 11:22	22°♙39'30		evening set	-4238 Nov 17 j 12:36	6°♙13'02	
inferior conj	-4239 Dec 09 j 10:51	17°♙05'10	3°25'07	inferior conj	-4238 Nov 23 j 05:31	0°♙23'15	2°47'14
minimum elong	-4239 Dec 09 j 07:45	17°♙14'11	3°24'19	minimum elong	-4238 Nov 23 j 02:24	0°♙33'03	2°46'13
min. Earth dist.	-4239 Dec 11 j 11:08	14°♙44'51	0.64401 AU		-4238 Nov 23 j 12:53	30°♒	
morning rise	-4239 Dec 15 j 03:42	11°♙01'48		min. Earth dist.	-4238 Nov 24 j 15:43	28°♒35'40	0.65653 AU
direct	-4239 Dec 22 j 00:41	8°♙10'59					

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning rise	-4238 Nov 28 j 15:53	24°♄13'08		inferior conj	-4237 Nov 07 j 06:13	13°♄51'00	2°02'12
direct	-4238 Dec 05 j 02:02	21°♄26'07		minimum elong	-4237 Nov 07 j 03:40	13°♄59'28	2°01'14
morning max el	-4238 Dec 17 j 20:41	28°♄54'22	26°26'42	min. Earth dist.	-4237 Nov 08 j 03:49	12°♄39'20	0.66560 AU
	-4238 Dec 18 j 22:23	0°♄		morning rise	-4237 Nov 12 j 13:02	7°♄36'48	
desc. node	-4238 Dec 26 j 18:25	9°♄14'47		direct	-4237 Nov 18 j 09:09	5°♄03'26	
	-4237 Jan 09 j 23:55	0°♄		morning max el	-4237 Nov 30 j 05:35	12°♄05'38	25°13'32
morning set	-4237 Jan 22 j 22:00	22°♄30'28		desc. node	-4237 Dec 13 j 15:24	28°♄32'41	
	-4237 Jan 26 j 19:27	0°♄			-4237 Dec 14 j 16:19	0°♄	
max. Earth dist.	-4237 Jan 27 j 02:23	0°♄34'09	1.35086 AU		-4236 Jan 02 j 16:58	0°♄	
				morning set	-4236 Jan 05 j 10:36	4°♄50'21	
superior conj	-4237 Jan 31 j 16:04	9°♄46'39	-1°24'21	max. Earth dist.	-4236 Jan 09 j 04:23	11°♄41'21	1.36760 AU
minimum elong	-4237 Jan 31 j 19:10	10°♄02'32	1°24'08				
evening rise	-4237 Feb 08 j 07:38	25°♄39'21		superior conj	-4236 Jan 15 j 06:42	23°♄25'03	-1°41'36
asc. node	-4237 Feb 10 j 01:17	29°♄12'04		minimum elong	-4236 Jan 15 j 09:31	23°♄39'02	1°41'33
	-4237 Feb 10 j 10:48	0°♄			-4236 Jan 18 j 13:46	0°♄	
evening max el	-4237 Feb 27 j 08:16	26°♄14'44	20°46'51	evening rise	-4236 Jan 23 j 11:26	9°♄55'01	
	-4237 Mar 04 j 10:31	0°♄		asc. node	-4236 Jan 27 j 22:19	18°♄41'01	
retrograde	-4237 Mar 10 j 13:08	1°♄34'43			-4236 Feb 03 j 11:09	0°♄	
evening set	-4237 Mar 12 j 21:52	1°♄21'24		evening max el	-4236 Feb 09 j 21:03	7°♄58'58	19°37'41
	-4237 Mar 17 j 02:12	30°♄		retrograde	-4236 Feb 19 j 09:28	12°♄29'43	
inferior conj	-4237 Mar 22 j 00:16	27°♄23'26	0°44'50	evening set	-4236 Feb 21 j 17:27	12°♄14'41	
minimum elong	-4237 Mar 22 j 02:16	27°♄20'32	0°44'03	inferior conj	-4236 Mar 01 j 04:42	8°♄10'33	2°25'46
min. Earth dist.	-4237 Mar 23 j 03:33	26°♄44'07	0.55291 AU	minimum elong	-4236 Mar 01 j 09:41	8°♄02'36	2°24'14
desc. node	-4237 Mar 24 j 17:28	25°♄50'49		min. Earth dist.	-4236 Mar 03 j 18:13	6°♄32'55	0.56204 AU
morning rise	-4237 Mar 31 j 05:39	23°♄09'17		morning rise	-4236 Mar 09 j 23:22	3°♄28'10	
direct	-4237 Apr 03 j 11:58	22°♄46'05		desc. node	-4236 Mar 10 j 14:36	3°♄16'42	
morning max el	-4237 Apr 16 j 16:49	29°♄11'02	22°51'12	direct	-4236 Mar 14 j 08:44	2°♄44'44	
	-4237 Apr 17 j 12:59	0°♄		morning max el	-4236 Mar 28 j 08:33	9°♄48'29	24°30'06
	-4237 May 06 j 20:55	0°♄			-4236 Apr 12 j 09:11	0°♄	
morning set	-4237 May 09 j 04:22	4°♄45'12		morning set	-4236 Apr 22 j 16:32	19°♄47'15	
asc. node	-4237 May 09 j 00:59	4°♄27'29		asc. node	-4236 Apr 24 j 21:56	24°♄30'44	
					-4236 Apr 27 j 10:58	0°♄	
superior conj	-4237 May 16 j 08:49	20°♄01'29	1°09'21				
minimum elong	-4237 May 16 j 06:16	19°♄47'54	1°09'00	superior conj	-4236 Apr 29 j 17:26	4°♄55'11	0°48'08
max. Earth dist.	-4237 May 19 j 00:21	25°♄36'02	1.34065 AU	minimum elong	-4236 Apr 29 j 15:28	4°♄44'32	0°47'46
	-4237 May 21 j 03:29	0°♄		max. Earth dist.	-4236 May 01 j 06:15	8°♄13'43	1.33228 AU
evening rise	-4237 May 24 j 02:58	5°♄58'47		evening rise	-4236 May 07 j 01:29	20°♄22'55	
	-4237 Jun 06 j 12:12	0°♄			-4236 May 11 j 23:16	0°♄	
desc. node	-4237 Jun 20 j 16:08	20°♄13'39			-4236 May 30 j 15:02	0°♄	
evening max el	-4237 Jun 27 j 10:29	27°♄40'04	27°17'21	desc. node	-4236 Jun 06 j 13:15	8°♄16'31	
	-4237 Jun 30 j 00:34	0°♄		evening max el	-4236 Jun 08 j 19:57	10°♄34'36	27°24'11
retrograde	-4237 Jul 10 j 21:53	5°♄04'33		retrograde	-4236 Jun 22 j 15:03	17°♄58'44	
evening set	-4237 Jul 17 j 23:08	2°♄18'04		evening set	-4236 Jun 29 j 18:17	15°♄26'28	
	-4237 Jul 20 j 12:08	30°♄		min. Earth dist.	-4236 Jul 03 j 08:19	12°♄25'22	0.62875 AU
min. Earth dist.	-4237 Jul 21 j 16:02	28°♄47'17	0.64514 AU	inferior conj	-4236 Jul 06 j 04:20	9°♄38'04	-3°58'45
inferior conj	-4237 Jul 23 j 22:29	26°♄17'51	-3°26'07	minimum elong	-4236 Jul 06 j 07:24	9°♄30'31	3°58'08
minimum elong	-4237 Jul 24 j 02:13	26°♄07'36	3°25'02	morning rise	-4236 Jul 12 j 21:35	4°♄28'17	
morning rise	-4237 Jul 30 j 05:55	20°♄49'35		direct	-4236 Jul 15 j 12:33	3°♄56'02	
direct	-4237 Aug 02 j 00:19	20°♄09'31		asc. node	-4236 Jul 21 j 21:31	7°♄05'35	
asc. node	-4237 Aug 05 j 00:27	20°♄56'26		morning max el	-4236 Jul 22 j 03:32	7°♄20'10	17°56'34
morning max el	-4237 Aug 08 j 12:45	23°♄38'45	18°07'09		-4236 Aug 05 j 22:53	0°♄	
	-4237 Aug 13 j 14:35	0°♄		morning set	-4236 Aug 07 j 17:12	3°♄07'18	
morning set	-4237 Aug 26 j 11:12	20°♄58'03					
	-4237 Aug 31 j 20:25	0°♄		superior conj	-4236 Aug 19 j 08:47	23°♄19'18	1°21'55
				minimum elong	-4236 Aug 19 j 14:19	23°♄42'32	1°21'34
superior conj	-4237 Sep 09 j 00:45	13°♄23'35	0°47'07		-4236 Aug 23 j 09:12	0°♄	
minimum elong	-4237 Sep 09 j 05:50	13°♄44'04	0°46'38	max. Earth dist.	-4236 Aug 26 j 00:00	4°♄16'06	1.43317 AU
max. Earth dist.	-4237 Sep 13 j 09:52	20°♄23'54	1.44400 AU	desc. node	-4236 Sep 02 j 12:28	16°♄13'17	
desc. node	-4237 Sep 16 j 15:29	25°♄30'39		evening rise	-4236 Sep 03 j 17:14	18°♄05'18	
	-4237 Sep 19 j 12:10	0°♄			-4236 Sep 11 j 12:01	0°♄	
evening rise	-4237 Sep 25 j 13:23	9°♄24'44			-4236 Oct 03 j 10:55	0°♄	
greatest brilliancy	-4237 Oct 08 j 23:39	29°♄54'58	-0.7m	evening max el	-4236 Oct 03 j 13:19	0°♄06'09	21°06'53
	-4237 Oct 09 j 01:00	0°♄		retrograde	-4236 Oct 12 j 01:06	5°♄07'41	
evening max el	-4237 Oct 21 j 13:18	16°♄39'55	20°00'31	evening set	-4236 Oct 16 j 01:43	3°♄36'10	
retrograde	-4237 Oct 29 j 04:13	21°♄07'29		asc. node	-4236 Oct 17 j 20:27	1°♄57'41	
asc. node	-4237 Oct 31 j 23:19	20°♄22'04			-4236 Oct 19 j 12:23	30°♄	
evening set	-4237 Nov 01 j 18:05	19°♄52'56		inferior conj	-4236 Oct 21 j 10:43	27°♄25'21	1°12'30

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4236 Oct 21 j 09:06	27° \mathbb{M} 30'53	1°11'51	minimum elong	-4235 Oct 05 j 16:36	11° \mathbb{M} 05'53	0°19'55
min. Earth dist.	-4236 Oct 21 j 21:01	26° \mathbb{M} 50'04	0.67134 AU	min. Earth dist.	-4235 Oct 05 j 16:54	11° \mathbb{M} 04'51	0.67397 AU
morning rise	-4236 Oct 26 j 16:18	21° \mathbb{M} 09'49		morning rise	-4235 Oct 10 j 23:27	4° \mathbb{M} 50'14	
direct	-4236 Oct 31 j 21:14	18° \mathbb{M} 56'00		direct	-4235 Oct 15 j 13:30	2° \mathbb{M} 58'02	
morning max el	-4236 Nov 11 j 14:24	25° \mathbb{M} 19'51	23°49'21	morning max el	-4235 Oct 25 j 02:04	8° \mathbb{M} 38'04	22°23'23
	-4236 Nov 15 j 19:59	0° \mathbb{L}			-4235 Nov 10 j 15:14	0° \mathbb{L}	
desc. node	-4236 Nov 29 j 12:23	18° \mathbb{L} 20'59		desc. node	-4235 Nov 16 j 09:20	8° \mathbb{L} 30'34	
	-4236 Dec 07 j 05:19	0° \mathbb{M}		morning set	-4235 Nov 27 j 09:22	25° \mathbb{L} 42'15	
morning set	-4236 Dec 17 j 00:05	15° \mathbb{M} 58'05			-4235 Nov 30 j 00:23	0° \mathbb{M}	
max. Earth dist.	-4236 Dec 21 j 00:28	22° \mathbb{M} 56'24	1.38750 AU	max. Earth dist.	-4235 Dec 02 j 22:36	4° \mathbb{M} 53'03	1.40812 AU
	-4236 Dec 24 j 22:34	0° \mathbb{X}					
				superior conj	-4235 Dec 10 j 16:42	18° \mathbb{M} 22'04	-1°53'18
superior conj	-4236 Dec 28 j 08:35	6° \mathbb{X} 21'30	-1°52'18	minimum elong	-4235 Dec 10 j 15:20	18° \mathbb{M} 15'56	1°53'25
minimum elong	-4236 Dec 28 j 10:01	6° \mathbb{X} 28'16	1°52'25		-4235 Dec 17 j 01:19	0° \mathbb{X}	
evening rise	-4235 Jan 06 j 08:17	23° \mathbb{X} 44'37		evening rise	-4235 Dec 20 j 19:08	7° \mathbb{X} 00'17	
	-4235 Jan 09 j 13:59	0° \mathbb{Z}		asc. node	-4235 Dec 31 j 16:28	26° \mathbb{X} 13'33	
asc. node	-4235 Jan 13 j 19:23	7° \mathbb{Z} 44'32			-4234 Jan 03 j 09:00	0° \mathbb{Z}	
evening max el	-4235 Jan 22 j 19:42	20° \mathbb{Z} 17'53	18°47'46	evening max el	-4234 Jan 06 j 01:47	3° \mathbb{Z} 03'29	18°17'51
retrograde	-4235 Jan 30 j 22:30	24° \mathbb{Z} 12'50		retrograde	-4234 Jan 13 j 06:06	6° \mathbb{Z} 38'18	
evening set	-4235 Feb 02 j 09:26	23° \mathbb{Z} 52'45		evening set	-4234 Jan 15 j 19:54	6° \mathbb{Z} 11'45	
inferior conj	-4235 Feb 10 j 03:29	19° \mathbb{Z} 31'19	3°31'17	inferior conj	-4234 Jan 22 j 22:35	1° \mathbb{Z} 29'00	4°00'27
minimum elong	-4235 Feb 10 j 07:30	19° \mathbb{Z} 23'54	3°30'24	minimum elong	-4234 Jan 22 j 23:49	1° \mathbb{Z} 26'22	4°00'12
min. Earth dist.	-4235 Feb 13 j 10:15	17° \mathbb{Z} 07'12	0.57802 AU		-4234 Jan 24 j 15:49	30° \mathbb{R} \mathbb{X}	
morning rise	-4235 Feb 18 j 03:05	14° \mathbb{Z} 20'43		min. Earth dist.	-4234 Jan 26 j 06:31	28° \mathbb{X} 38'43	0.59751 AU
direct	-4235 Feb 23 j 18:12	13° \mathbb{Z} 03'38		morning rise	-4234 Jan 30 j 01:57	25° \mathbb{X} 56'30	
desc. node	-4235 Feb 25 j 11:42	13° \mathbb{Z} 10'55		direct	-4234 Feb 05 j 15:25	24° \mathbb{X} 00'27	
morning max el	-4235 Mar 10 j 00:02	20° \mathbb{Z} 28'53	26°00'04	desc. node	-4234 Feb 12 j 08:48	25° \mathbb{X} 52'54	
	-4235 Mar 18 j 04:26	0° \mathbb{A}			-4234 Feb 18 j 02:37	0° \mathbb{Z}	
	-4235 Apr 04 j 20:20	0° \mathbb{H}		morning max el	-4234 Feb 19 j 20:25	1° \mathbb{Z} 37'04	27°06'33
morning set	-4235 Apr 07 j 04:22	4° \mathbb{H} 49'10			-4234 Mar 12 j 07:37	0° \mathbb{A}	
asc. node	-4235 Apr 11 j 18:56	14° \mathbb{H} 41'53		morning set	-4234 Mar 22 j 14:03	19° \mathbb{A} 43'15	
					-4234 Mar 27 j 09:46	0° \mathbb{H}	
superior conj	-4235 Apr 14 j 04:32	19° \mathbb{H} 56'21	0°24'47				
minimum elong	-4235 Apr 14 j 03:27	19° \mathbb{H} 50'29	0°24'31	superior conj	-4234 Mar 29 j 16:17	4° \mathbb{H} 57'36	0°00'10
max. Earth dist.	-4235 Apr 14 j 18:00	21° \mathbb{H} 09'55	1.32740 AU	minimum elong	-4234 Mar 29 j 16:17	4° \mathbb{H} 57'34	0°00'04
	-4235 Apr 18 j 20:06	0° \mathbb{Y}		behind sun begin	-4234 Mar 29 j 11:22	4° \mathbb{H} 30'40	
evening rise	-4235 Apr 21 j 06:35	5° \mathbb{Y} 07'09		behind sun end	-4234 Mar 29 j 21:12	5° \mathbb{H} 24'28	
	-4235 May 04 j 15:46	0° \mathbb{B}		max. Earth dist.	-4234 Mar 29 j 07:36	4° \mathbb{H} 10'05	1.32581 AU
evening max el	-4235 May 22 j 01:11	22° \mathbb{B} 53'55	26°58'17	asc. node	-4234 Mar 29 j 15:55	4° \mathbb{H} 55'36	
desc. node	-4235 May 24 j 10:22	25° \mathbb{B} 01'53		evening rise	-4234 Apr 05 j 15:44	20° \mathbb{H} 01'39	
	-4235 Jun 02 j 15:21	0° \mathbb{I}			-4234 Apr 10 j 14:06	0° \mathbb{Y}	
retrograde	-4235 Jun 05 j 00:54	0° \mathbb{I} 14'55			-4234 Apr 29 j 18:21	0° \mathbb{B}	
	-4235 Jun 07 j 09:28	30° \mathbb{R} \mathbb{B}		evening max el	-4234 May 04 j 00:02	4° \mathbb{B} 30'14	26°00'49
evening set	-4235 Jun 11 j 20:19	28° \mathbb{B} 10'23		desc. node	-4234 May 11 j 07:29	9° \mathbb{B} 58'04	
min. Earth dist.	-4235 Jun 15 j 14:41	25° \mathbb{B} 26'27	0.60954 AU	retrograde	-4234 May 18 j 02:05	11° \mathbb{B} 46'29	
inferior conj	-4235 Jun 18 j 21:07	22° \mathbb{B} 37'08	-4°16'19	evening set	-4234 May 24 j 01:37	10° \mathbb{B} 19'07	
minimum elong	-4235 Jun 18 j 22:11	22° \mathbb{B} 34'49	4°16'07	min. Earth dist.	-4234 May 28 j 12:37	7° \mathbb{B} 35'40	0.58914 AU
morning rise	-4235 Jun 26 j 01:46	17° \mathbb{B} 48'17		inferior conj	-4234 May 31 j 21:07	5° \mathbb{B} 05'07	-4°10'40
direct	-4235 Jun 28 j 14:56	17° \mathbb{B} 22'05		minimum elong	-4234 May 31 j 18:56	5° \mathbb{B} 09'15	4°10'23
morning max el	-4235 Jul 05 j 16:28	20° \mathbb{B} 50'46	18°04'50	morning rise	-4234 Jun 08 j 14:50	0° \mathbb{B} 38'14	
asc. node	-4235 Jul 08 j 18:34	24° \mathbb{B} 22'02		direct	-4234 Jun 11 j 02:57	0° \mathbb{B} 17'05	
	-4235 Jul 12 j 14:44	0° \mathbb{I}		morning max el	-4234 Jun 19 j 00:43	4° \mathbb{B} 02'23	18°32'50
morning set	-4235 Jul 21 j 17:08	16° \mathbb{I} 08'50		asc. node	-4234 Jun 25 j 15:37	12° \mathbb{B} 30'57	
	-4235 Jul 29 j 06:16	0° \mathbb{E}		morning set	-4234 Jul 05 j 06:12	29° \mathbb{B} 50'27	
					-4234 Jul 05 j 08:11	0° \mathbb{I}	
superior conj	-4235 Jul 31 j 20:14	4° \mathbb{E} 36'43	1°42'00				
minimum elong	-4235 Jul 31 j 23:23	4° \mathbb{E} 50'39	1°42'01	superior conj	-4234 Jul 14 j 06:41	17° \mathbb{I} 04'06	1°49'09
max. Earth dist.	-4235 Aug 08 j 09:04	17° \mathbb{E} 34'35	1.41717 AU	minimum elong	-4234 Jul 14 j 07:09	17° \mathbb{I} 06'15	1°49'19
evening rise	-4235 Aug 14 j 06:37	27° \mathbb{E} 13'47			-4234 Jul 21 j 10:32	0° \mathbb{E}	
	-4235 Aug 16 j 00:20	0° \mathbb{O}		max. Earth dist.	-4234 Jul 21 j 12:33	0° \mathbb{E} 08'47	1.39816 AU
desc. node	-4235 Aug 20 j 09:28	6° \mathbb{O} 50'34		evening rise	-4234 Jul 25 j 19:36	7° \mathbb{E} 30'01	
	-4235 Sep 05 j 06:09	0° \mathbb{M}		desc. node	-4234 Aug 07 j 06:28	27° \mathbb{E} 18'30	
evening max el	-4235 Sep 16 j 07:10	13° \mathbb{M} 31'25	22°23'01		-4234 Aug 09 j 01:41	0° \mathbb{O}	
retrograde	-4235 Sep 25 j 20:12	19° \mathbb{M} 11'22		evening max el	-4234 Aug 29 j 20:08	26° \mathbb{O} 57'24	23°43'44
evening set	-4235 Sep 30 j 09:38	17° \mathbb{M} 20'43			-4234 Sep 02 j 04:52	0° \mathbb{M}	
asc. node	-4235 Oct 04 j 17:36	12° \mathbb{M} 24'54		retrograde	-4234 Sep 09 j 12:18	3° \mathbb{M} 15'41	
inferior conj	-4235 Oct 05 j 17:04	11° \mathbb{M} 04'16	0°20'03	evening set	-4234 Sep 14 j 16:04	1° \mathbb{M} 05'15	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4234 Sep 15 j 19:34	30° \mathbb{R} 0 \mathbb{L}		inferior conj	-4233 Sep 04 j 04:21	8° \mathbb{Q} 30'02	-1°26'17
inferior conj	-4234 Sep 19 j 23:31	24° \mathbb{Q} 46'33	-0°33'25	minimum elong	-4233 Sep 04 j 06:20	8° \mathbb{Q} 23'27	1°25'19
minimum elong	-4234 Sep 20 j 00:18	24° \mathbb{Q} 43'53	0°32'57	asc. node	-4233 Sep 08 j 11:50	3° \mathbb{Q} 27'03	
min. Earth dist.	-4234 Sep 19 j 13:05	25° \mathbb{Q} 22'08	0.67358 AU	morning rise	-4233 Sep 09 j 17:34	2° \mathbb{Q} 27'41	
asc. node	-4234 Sep 21 j 14:43	22° \mathbb{Q} 35'10		direct	-4233 Sep 13 j 06:47	1° \mathbb{Q} 14'38	
morning rise	-4234 Sep 25 j 08:29	18° \mathbb{Q} 36'50		morning max el	-4233 Sep 20 j 20:05	5° \mathbb{Q} 37'00	19°54'15
direct	-4234 Sep 29 j 09:05	17° \mathbb{Q} 05'28			-4233 Oct 08 j 12:23	0° \mathbb{M}	
morning max el	-4234 Oct 07 j 19:31	22° \mathbb{Q} 03'30	21°03'17	morning set	-4233 Oct 16 j 15:19	12° \mathbb{M} 29'55	
	-4234 Oct 14 j 11:16	0° \mathbb{M}		desc. node	-4233 Oct 21 j 03:12	19° \mathbb{M} 29'46	
desc. node	-4234 Nov 03 j 06:17	28° \mathbb{M} 55'16			-4233 Oct 27 j 19:11	0° \mathbb{L}	
	-4234 Nov 03 j 23:03	0° \mathbb{L}		max. Earth dist.	-4233 Oct 28 j 14:20	1° \mathbb{L} 16'11	1.44012 AU
morning set	-4234 Nov 06 j 16:57	4° \mathbb{L} 16'10					
max. Earth dist.	-4234 Nov 15 j 03:07	17° \mathbb{L} 42'25	1.42648 AU	superior conj	-4233 Nov 02 j 06:20	8° \mathbb{L} 45'55	-1°12'02
				minimum elong	-4233 Nov 01 j 23:26	8° \mathbb{L} 17'59	1°11'18
superior conj	-4234 Nov 22 j 01:18	29° \mathbb{L} 13'05	-1°40'52		-4233 Nov 15 j 00:59	0° \mathbb{M}	
minimum elong	-4234 Nov 21 j 20:17	28° \mathbb{L} 51'46	1°40'36	evening rise	-4233 Nov 15 j 18:58	1° \mathbb{M} 16'30	
	-4234 Nov 22 j 12:21	0° \mathbb{M}		evening max el	-4233 Dec 04 j 01:15	29° \mathbb{M} 26'03	18°17'01
evening rise	-4234 Dec 03 j 16:14	19° \mathbb{M} 34'20			-4233 Dec 04 j 15:05	0° \mathbb{X}	
	-4234 Dec 09 j 12:55	0° \mathbb{X}		asc. node	-4233 Dec 05 j 10:38	0° \mathbb{X} 43'40	
asc. node	-4234 Dec 18 j 13:33	13° \mathbb{X} 57'45		retrograde	-4233 Dec 10 j 14:29	2° \mathbb{X} 59'01	
evening max el	-4234 Dec 20 j 12:34	16° \mathbb{X} 08'40	18°07'49	evening set	-4233 Dec 13 j 10:51	2° \mathbb{X} 16'19	
retrograde	-4234 Dec 27 j 04:56	19° \mathbb{X} 36'57			-4233 Dec 16 j 14:27	30° \mathbb{R} \mathbb{M}	
evening set	-4234 Dec 29 j 21:33	19° \mathbb{X} 03'00		inferior conj	-4233 Dec 19 j 15:04	26° \mathbb{M} 52'37	3°42'23
inferior conj	-4233 Jan 05 j 11:43	13° \mathbb{X} 58'57	4°01'18	minimum elong	-4233 Dec 19 j 12:21	27° \mathbb{M} 00'07	3°41'47
minimum elong	-4233 Jan 05 j 10:27	14° \mathbb{X} 02'03	4°01'02	min. Earth dist.	-4233 Dec 21 j 24:00	24° \mathbb{M} 16'16	0.63518 AU
min. Earth dist.	-4233 Jan 08 j 10:29	11° \mathbb{X} 05'49	0.61735 AU	morning rise	-4233 Dec 25 j 13:11	20° \mathbb{M} 54'09	
morning rise	-4233 Jan 11 j 22:14	8° \mathbb{X} 11'11		direct	-4232 Jan 01 j 13:58	18° \mathbb{M} 06'38	
direct	-4233 Jan 18 j 22:40	5° \mathbb{X} 42'23		morning max el	-4232 Jan 15 j 06:31	25° \mathbb{M} 50'32	27°36'08
desc. node	-4233 Jan 30 j 05:53	10° \mathbb{X} 56'23		desc. node	-4232 Jan 17 j 02:56	27° \mathbb{M} 44'39	
morning max el	-4233 Feb 01 j 23:09	13° \mathbb{X} 25'21	27°39'26		-4232 Jan 19 j 03:50	0° \mathbb{X}	
	-4233 Feb 15 j 07:13	0° \mathbb{Z}			-4232 Feb 08 j 18:29	0° \mathbb{Z}	
	-4233 Mar 04 j 15:29	0° \mathbb{A}		morning set	-4232 Feb 18 j 18:31	18° \mathbb{Z} 38'03	
morning set	-4233 Mar 06 j 19:34	4° \mathbb{A} 22'23		max. Earth dist.	-4232 Feb 24 j 00:45	29° \mathbb{Z} 26'20	1.33324 AU
max. Earth dist.	-4233 Mar 12 j 19:09	17° \mathbb{A} 00'00	1.32763 AU		-4232 Feb 24 j 07:08	0° \mathbb{A}	
superior conj	-4233 Mar 14 j 03:05	19° \mathbb{A} 53'08	-0°24'54	superior conj	-4232 Feb 26 j 11:12	4° \mathbb{A} 37'03	-0°49'27
minimum elong	-4233 Mar 14 j 04:12	19° \mathbb{A} 59'12	0°24'48	minimum elong	-4232 Feb 26 j 13:21	4° \mathbb{A} 48'31	0°49'13
asc. node	-4233 Mar 16 j 12:54	25° \mathbb{A} 07'51		asc. node	-4232 Mar 02 j 09:53	15° \mathbb{A} 14'39	
	-4233 Mar 18 j 18:50	0° \mathbb{H}		evening rise	-4232 Mar 04 j 14:31	19° \mathbb{A} 53'47	
evening rise	-4233 Mar 21 j 02:58	4° \mathbb{H} 59'18			-4232 Mar 09 j 14:10	0° \mathbb{H}	
	-4233 Apr 03 j 13:26	0° \mathbb{Y}		evening max el	-4232 Mar 27 j 09:40	26° \mathbb{H} 13'51	23°05'47
evening max el	-4233 Apr 15 j 17:21	15° \mathbb{Y} 29'48	24°39'07		-4232 Apr 01 j 02:38	0° \mathbb{Y}	
desc. node	-4233 Apr 28 j 04:37	22° \mathbb{Y} 28'28		retrograde	-4232 Apr 09 j 18:33	2° \mathbb{Y} 48'54	
retrograde	-4233 Apr 29 j 16:43	22° \mathbb{Y} 33'43		evening set	-4232 Apr 13 j 04:39	2° \mathbb{Y} 23'18	
evening set	-4233 May 04 j 09:58	21° \mathbb{Y} 43'08		desc. node	-4232 Apr 14 j 01:45	2° \mathbb{Y} 08'51	
min. Earth dist.	-4233 May 10 j 05:27	18° \mathbb{Y} 44'32	0.57045 AU		-4232 Apr 19 j 00:15	30° \mathbb{R} \mathbb{H}	
inferior conj	-4233 May 13 j 01:26	16° \mathbb{Y} 53'54	-3°31'41	min. Earth dist.	-4232 Apr 20 j 20:16	28° \mathbb{H} 58'10	0.55701 AU
minimum elong	-4233 May 12 j 20:09	17° \mathbb{Y} 02'35	3°30'35	inferior conj	-4232 Apr 22 j 10:35	28° \mathbb{H} 02'13	-2°12'48
morning rise	-4233 May 21 j 09:30	12° \mathbb{Y} 46'00		minimum elong	-4232 Apr 22 j 05:16	28° \mathbb{H} 10'00	2°11'13
direct	-4233 May 23 j 20:40	12° \mathbb{Y} 28'57		morning rise	-4232 May 01 j 08:16	24° \mathbb{H} 04'19	
morning max el	-4233 Jun 02 j 01:26	16° \mathbb{Y} 45'46	19°21'09	direct	-4232 May 03 j 20:24	23° \mathbb{H} 49'11	
	-4233 Jun 11 j 18:21	0° \mathbb{B}		morning max el	-4232 May 14 j 16:10	28° \mathbb{H} 51'55	20°29'33
asc. node	-4233 Jun 12 j 12:37	1° \mathbb{B} 20'02			-4232 May 15 j 19:59	0° \mathbb{Y}	
morning set	-4233 Jun 19 j 04:43	14° \mathbb{B} 02'38		asc. node	-4232 May 29 j 09:37	20° \mathbb{Y} 39'37	
				morning set	-4232 Jun 02 j 09:51	28° \mathbb{Y} 38'12	
superior conj	-4233 Jun 27 j 10:22	0° \mathbb{I} 25'01	1°46'14		-4232 Jun 03 j 01:52	0° \mathbb{B}	
minimum elong	-4233 Jun 27 j 08:54	0° \mathbb{I} 17'52	1°46'20				
	-4233 Jun 27 j 05:14	0° \mathbb{I}		superior conj	-4232 Jun 10 j 02:26	14° \mathbb{B} 25'47	1°35'55
max. Earth dist.	-4233 Jul 03 j 14:00	12° \mathbb{I} 05'33	1.37881 AU	minimum elong	-4232 Jun 09 j 23:58	14° \mathbb{B} 13'16	1°35'49
evening rise	-4233 Jul 07 j 10:40	19° \mathbb{I} 03'23		max. Earth dist.	-4232 Jun 14 j 20:20	23° \mathbb{B} 52'08	1.36143 AU
	-4233 Jul 13 j 20:32	0° \mathbb{E}			-4232 Jun 18 j 01:25	0° \mathbb{I}	
desc. node	-4233 Jul 25 j 03:28	17° \mathbb{E} 31'46		evening rise	-4232 Jun 18 j 23:47	1° \mathbb{I} 44'13	
	-4233 Aug 03 j 05:16	0° \mathbb{Q}			-4232 Jul 05 j 21:33	0° \mathbb{E}	
evening max el	-4233 Aug 12 j 06:50	10° \mathbb{Q} 26'11	25°02'10	desc. node	-4232 Jul 11 j 00:30	7° \mathbb{E} 23'54	
retrograde	-4233 Aug 24 j 00:26	17° \mathbb{Q} 16'10		evening max el	-4232 Jul 24 j 17:43	23° \mathbb{E} 57'42	26°10'13
evening set	-4233 Aug 29 j 19:10	14° \mathbb{Q} 47'35			-4232 Aug 01 j 18:27	0° \mathbb{Q}	
min. Earth dist.	-4233 Sep 03 j 07:09	9° \mathbb{Q} 40'00	0.67014 AU	retrograde	-4232 Aug 06 j 07:53	1° \mathbb{Q} 08'21	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4232 Aug 10 j 12:09	30° RS		min. Earth dist.	-4231 Jul 31 j 03:20	8° S 05'36	0.65300 AU
evening set	-4232 Aug 12 j 16:56	28° S 26'06		inferior conj	-4231 Aug 02 j 01:39	5° S 51'36	-3°02'42
min. Earth dist.	-4232 Aug 16 j 20:44	23° S 56'18	0.66343 AU	minimum elong	-4231 Aug 02 j 05:19	5° S 40'59	3°01'28
inferior conj	-4232 Aug 18 j 05:46	22° S 13'03	-2°16'44	morning rise	-4231 Aug 08 j 04:08	0° S 13'49	
minimum elong	-4232 Aug 18 j 08:48	22° S 03'35	2°15'28		-4231 Aug 08 j 15:36	30° RII	
morning rise	-4232 Aug 24 j 00:50	16° S 21'17		direct	-4231 Aug 11 j 01:34	29° II 27'56	
asc. node	-4232 Aug 25 j 08:57	15° S 42'45		asc. node	-4231 Aug 12 j 06:02	29° II 35'36	
direct	-4232 Aug 27 j 05:01	15° S 23'23			-4231 Aug 13 j 12:12	0° S	
morning max el	-4232 Sep 03 j 03:19	19° S 18'08	18°59'36	morning max el	-4231 Aug 17 j 15:30	3° S 03'42	18°21'18
	-4232 Sep 11 j 08:41	0° S			-4231 Sep 04 j 16:37	0° S	
morning set	-4232 Sep 25 j 03:50	21° S 29'49		morning set	-4231 Sep 05 j 18:54	1° S 48'06	
	-4232 Sep 30 j 13:04	0° R					
desc. node	-4232 Oct 07 j 00:06	10° R 10'37		superior conj	-4231 Sep 20 j 12:17	25° S 35'25	0°21'14
max. Earth dist.	-4232 Oct 10 j 06:35	15° R 19'49	1.44738 AU	minimum elong	-4231 Sep 20 j 14:57	25° S 46'01	0°20'59
				max. Earth dist.	-4231 Sep 23 j 01:00	29° S 35'41	1.44734 AU
superior conj	-4232 Oct 11 j 12:02	17° R 16'02	-0°28'13		-4231 Sep 23 j 07:10	0° R	
minimum elong	-4232 Oct 11 j 08:25	17° R 01'42	0°27'42	desc. node	-4231 Sep 23 j 21:03	0° R 54'49	
	-4232 Oct 19 j 12:29	0° S		evening rise	-4231 Oct 07 j 01:41	21° R 36'25	
evening rise	-4232 Oct 26 j 22:46	11° S 58'01			-4231 Oct 12 j 10:35	0° S	
	-4232 Nov 07 j 03:12	0° R		greatest brilliancy	-4231 Oct 18 j 00:12	8° S 37'28	-0.7m
evening max el	-4232 Nov 16 j 13:08	12° R 50'01	18°44'20	evening max el	-4231 Oct 30 j 21:47	26° S 16'45	19°28'22
asc. node	-4232 Nov 21 j 07:45	16° R 16'06			-4231 Nov 04 j 21:26	0° R	
retrograde	-4232 Nov 23 j 06:55	16° R 37'25		retrograde	-4231 Nov 07 j 03:02	0° R 27'19	
evening set	-4232 Nov 26 j 08:33	15° R 44'06		asc. node	-4231 Nov 08 j 04:53	0° R 20'37	
inferior conj	-4232 Dec 02 j 05:01	10° R 03'03	3°10'07		-4231 Nov 09 j 07:01	30° RS	
minimum elong	-4232 Dec 02 j 01:49	10° R 12'40	3°09'11	evening set	-4231 Nov 10 j 11:53	29° S 21'06	
min. Earth dist.	-4232 Dec 03 j 23:13	7° R 55'57	0.64979 AU	inferior conj	-4231 Nov 16 j 02:33	23° S 25'42	2°28'51
morning rise	-4232 Dec 07 j 18:44	3° R 56'45		minimum elong	-4231 Nov 15 j 23:37	23° S 35'10	2°27'49
direct	-4232 Dec 14 j 11:52	1° R 05'51		min. Earth dist.	-4231 Nov 17 j 07:08	21° S 53'30	0.66080 AU
morning max el	-4232 Dec 27 j 15:53	8° R 42'19	26°59'53	morning rise	-4231 Nov 21 j 11:06	17° S 13'48	
desc. node	-4231 Jan 02 j 23:57	15° R 47'22		direct	-4231 Nov 27 j 15:34	14° S 31'50	
	-4231 Jan 13 j 09:25	0° S		morning max el	-4231 Dec 10 j 01:20	21° S 49'54	25°57'43
	-4231 Jan 31 j 02:31	0° S			-4231 Dec 17 j 05:49	0° R	
morning set	-4231 Feb 01 j 07:38	2° S 19'18		desc. node	-4231 Dec 20 j 20:56	4° R 42'40	
max. Earth dist.	-4231 Feb 05 j 20:48	11° S 19'11	1.34313 AU		-4230 Jan 06 j 14:50	0° S	
				morning set	-4230 Jan 15 j 06:46	15° S 13'31	
superior conj	-4231 Feb 09 j 14:36	19° S 01'57	-1°12'25	max. Earth dist.	-4230 Jan 19 j 05:28	22° S 40'25	1.35748 AU
minimum elong	-4231 Feb 09 j 17:29	19° S 17'03	1°12'09		-4230 Jan 22 j 22:57	0° S	
	-4231 Feb 14 j 19:27	0° S					
evening rise	-4231 Feb 17 j 00:36	4° S 38'24		superior conj	-4230 Jan 24 j 10:48	3° S 00'13	-1°32'18
asc. node	-4231 Feb 17 j 06:54	5° S 11'07		minimum elong	-4230 Jan 24 j 13:54	3° S 15'52	1°32'08
	-4231 Mar 03 j 04:50	0° S		evening rise	-4230 Feb 01 j 07:20	19° S 07'01	
evening max el	-4231 Mar 09 j 06:54	7° S 07'40	21°34'20	asc. node	-4230 Feb 04 j 03:56	24° S 52'14	
retrograde	-4231 Mar 21 j 09:37	12° S 57'01			-4230 Feb 06 j 19:47	0° S	
evening set	-4231 Mar 23 j 23:43	12° S 41'55		evening max el	-4230 Feb 19 j 13:28	18° S 31'00	20°15'13
desc. node	-4231 Mar 31 j 22:54	9° S 25'53		retrograde	-4230 Mar 02 j 00:40	23° S 29'07	
inferior conj	-4231 Apr 02 j 07:17	8° S 40'36	-0°22'25	evening set	-4230 Mar 04 j 08:23	23° S 15'30	
minimum elong	-4231 Apr 02 j 06:14	8° S 42'04	0°22'08	inferior conj	-4230 Mar 13 j 04:57	19° S 16'22	1°31'08
min. Earth dist.	-4231 Apr 02 j 10:19	8° S 36'21	0.55176 AU	minimum elong	-4230 Mar 13 j 08:43	19° S 10'44	1°29'48
morning rise	-4231 Apr 11 j 13:04	4° S 37'47		min. Earth dist.	-4230 Mar 15 j 00:18	18° S 11'51	0.55580 AU
direct	-4231 Apr 14 j 09:32	4° S 19'50		desc. node	-4230 Mar 18 j 20:01	16° S 08'39	
morning max el	-4231 Apr 26 j 19:51	10° S 15'23	21°55'48	morning rise	-4230 Mar 22 j 07:19	14° S 51'29	
	-4231 May 10 j 22:21	0° S		direct	-4230 Mar 26 j 00:03	14° S 21'36	
asc. node	-4231 May 16 j 06:35	10° S 21'00		morning max el	-4230 Apr 08 j 14:39	21° S 04'18	23°33'21
morning set	-4231 May 17 j 19:13	13° S 29'11			-4230 Apr 16 j 05:42	0° S	
				morning set	-4230 May 02 j 06:54	28° S 29'21	
superior conj	-4231 May 25 j 03:04	28° S 53'59	1°20'13	asc. node	-4230 May 03 j 03:35	0° S 18'05	
minimum elong	-4231 May 25 j 00:22	28° S 39'52	1°19'56		-4230 May 03 j 00:09	0° S	
	-4231 May 25 j 15:42	0° S					
max. Earth dist.	-4231 May 28 j 11:58	5° S 52'24	1.34725 AU	superior conj	-4230 May 09 j 09:27	13° S 40'49	1°00'41
evening rise	-4231 Jun 02 j 05:22	15° S 15'43		minimum elong	-4230 May 09 j 07:06	13° S 28'11	1°00'18
	-4231 Jun 10 j 06:30	0° S		max. Earth dist.	-4230 May 11 j 13:21	18° S 17'10	1.33672 AU
desc. node	-4231 Jun 27 j 21:35	26° S 44'58		evening rise	-4230 May 16 j 22:46	29° S 24'01	
	-4231 Jun 30 j 11:41	0° S			-4230 May 17 j 06:00	0° S	
evening max el	-4231 Jul 07 j 05:14	7° S 24'11	26°59'52		-4230 Jun 03 j 08:45	0° S	
retrograde	-4231 Jul 20 j 10:04	14° S 45'05		desc. node	-4230 Jun 14 j 18:41	15° S 21'35	
evening set	-4231 Jul 27 j 06:53	11° S 57'04		evening max el	-4230 Jun 19 j 15:57	20° S 33'43	27°23'55

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

retrograde	-4230 Jul 03 j 06:40	27° Π 58'00		desc. node	-4229 Jun 01 j 15:47	2° Π 55'08	
evening set	-4230 Jul 10 j 09:59	25° Π 15'39		evening max el	-4229 Jun 01 j 23:41	3° Π 14'10	27°17'08
min. Earth dist.	-4230 Jul 14 j 01:02	21° Π 58'56	0.63869 AU	retrograde	-4229 Jun 15 j 21:04	10° Π 37'57	
inferior conj	-4230 Jul 16 j 13:29	19° Π 20'25	-3°41'23	evening set	-4229 Jun 22 j 22:28	8° Π 15'31	
minimum elong	-4230 Jul 16 j 17:04	19° Π 10'59	3°40'29	min. Earth dist.	-4229 Jun 26 j 12:59	5° Π 23'51	0.62086 AU
morning rise	-4230 Jul 23 j 00:55	13° Π 59'50		inferior conj	-4229 Jun 29 j 14:15	2° Π 33'02	-4°08'30
direct	-4230 Jul 25 j 17:44	13° Π 23'17		minimum elong	-4229 Jun 29 j 16:38	2° Π 27'26	4°08'04
asc. node	-4230 Jul 30 j 03:07	14° Π 59'18			-4229 Jul 02 j 11:17	30° \mathbb{R} 8	
morning max el	-4230 Aug 01 j 06:11	16° Π 48'50	18°00'24	morning rise	-4229 Jul 06 j 12:11	27° \mathbb{S} 32'16	
	-4230 Aug 10 j 16:15	0° \mathbb{S}		direct	-4229 Jul 09 j 02:09	27° \mathbb{S} 02'54	
morning set	-4230 Aug 18 j 12:06	13° \mathbb{S} 20'55			-4229 Jul 15 j 08:59	0° Π	
	-4230 Aug 28 j 07:41	0° Ω		morning max el	-4229 Jul 15 j 20:38	0° Π 27'35	17°57'44
				asc. node	-4229 Jul 17 j 00:10	1° Π 39'33	
superior conj	-4230 Aug 31 j 05:09	4° Ω 46'24	1°03'41	morning set	-4229 Aug 01 j 02:24	25° Π 54'29	
minimum elong	-4230 Aug 31 j 10:58	5° Ω 10'10	1°03'11		-4229 Aug 03 j 08:50	0° \mathbb{S}	
max. Earth dist.	-4230 Sep 05 j 17:45	13° Ω 42'39	1.44015 AU				
desc. node	-4230 Sep 10 j 18:01	21° Ω 38'59		superior conj	-4229 Aug 12 j 01:14	15° \mathbb{S} 18'40	1°32'11
evening rise	-4230 Sep 16 j 09:26	0° \mathbb{M} 26'15		minimum elong	-4229 Aug 12 j 05:55	15° \mathbb{S} 38'47	1°31'59
	-4230 Sep 16 j 02:39	0° \mathbb{M}		max. Earth dist.	-4229 Aug 19 j 05:36	27° \mathbb{S} 21'36	1.42685 AU
	-4230 Oct 06 j 05:12	0° $\underline{\Omega}$			-4229 Aug 20 j 20:28	0° Ω	
evening max el	-4230 Oct 14 j 01:12	9° $\underline{\Omega}$ 42'57	20°27'16	evening rise	-4229 Aug 26 j 14:56	9° Ω 12'24	
retrograde	-4230 Oct 22 j 00:20	14° $\underline{\Omega}$ 24'29		desc. node	-4229 Aug 28 j 15:00	12° Ω 20'08	
evening set	-4230 Oct 25 j 18:32	13° $\underline{\Omega}$ 02'52			-4229 Sep 09 j 07:47	0° \mathbb{M}	
asc. node	-4230 Oct 26 j 02:02	12° $\underline{\Omega}$ 48'41		evening max el	-4229 Sep 26 j 22:26	23° \mathbb{M} 08'35	21°38'17
inferior conj	-4230 Oct 31 j 05:06	6° $\underline{\Omega}$ 56'27	1°41'33	retrograde	-4229 Oct 05 j 20:46	28° \mathbb{M} 26'47	
minimum elong	-4230 Oct 31 j 02:55	7° $\underline{\Omega}$ 03'51	1°40'41	evening set	-4229 Oct 10 j 02:30	26° \mathbb{M} 47'24	
min. Earth dist.	-4230 Oct 31 j 21:40	6° $\underline{\Omega}$ 00'37	0.66838 AU	asc. node	-4229 Oct 12 j 23:09	23° \mathbb{M} 51'03	
morning rise	-4230 Nov 05 j 11:08	0° $\underline{\Omega}$ 41'23		inferior conj	-4229 Oct 15 j 10:38	20° \mathbb{M} 33'35	0°50'29
	-4230 Nov 06 j 07:21	30° \mathbb{R} \mathbb{M}		minimum elong	-4229 Oct 15 j 09:29	20° \mathbb{M} 37'32	0°50'02
direct	-4230 Nov 11 j 00:42	28° \mathbb{M} 16'10		min. Earth dist.	-4229 Oct 15 j 16:26	20° \mathbb{M} 13'37	0.67281 AU
	-4230 Nov 16 j 07:33	0° $\underline{\Omega}$		morning rise	-4229 Oct 20 j 16:19	14° \mathbb{M} 18'04	
morning max el	-4230 Nov 22 j 10:11	5° $\underline{\Omega}$ 03'25	24°38'36	direct	-4229 Oct 25 j 14:42	12° \mathbb{M} 13'25	
desc. node	-4230 Dec 07 j 17:55	24° $\underline{\Omega}$ 14'35		morning max el	-4229 Nov 04 j 19:53	18° \mathbb{M} 19'34	23°12'24
	-4230 Dec 11 j 16:49	0° \mathbb{M}			-4229 Nov 14 j 13:33	0° $\underline{\Omega}$	
morning set	-4230 Dec 28 j 10:16	27° \mathbb{M} 04'18		desc. node	-4229 Nov 24 j 14:54	14° $\underline{\Omega}$ 12'56	
	-4230 Dec 30 j 01:56	0° \mathbb{X}			-4229 Dec 04 j 20:19	0° \mathbb{M}	
max. Earth dist.	-4229 Jan 01 j 04:19	3° \mathbb{X} 47'21	1.37577 AU	morning set	-4229 Dec 09 j 12:05	7° \mathbb{M} 37'01	
				max. Earth dist.	-4229 Dec 13 j 23:53	15° \mathbb{M} 14'44	1.39633 AU
superior conj	-4229 Jan 07 j 20:28	16° \mathbb{X} 21'30	-1°47'07				
minimum elong	-4229 Jan 07 j 22:52	16° \mathbb{X} 33'08	1°47'08	superior conj	-4229 Dec 21 j 15:24	28° \mathbb{M} 55'20	-1°54'08
	-4229 Jan 14 j 17:57	0° \mathbb{S}		minimum elong	-4229 Dec 21 j 15:48	28° \mathbb{M} 57'15	1°54'17
evening rise	-4229 Jan 16 j 08:29	3° \mathbb{S} 12'10			-4229 Dec 22 j 05:22	0° \mathbb{X}	
asc. node	-4229 Jan 22 j 01:00	14° \mathbb{S} 11'15		evening rise	-4229 Dec 31 j 01:27	16° \mathbb{X} 47'46	
	-4229 Feb 01 j 18:25	0° \approx			-4228 Jan 07 j 03:33	0° \mathbb{S}	
evening max el	-4229 Feb 02 j 06:29	0° \approx 29'34	19°14'01	asc. node	-4228 Jan 08 j 22:03	3° \mathbb{S} 01'05	
retrograde	-4229 Feb 11 j 03:41	4° \approx 43'44		evening max el	-4228 Jan 16 j 08:35	13° \mathbb{S} 00'25	18°32'37
evening set	-4229 Feb 13 j 12:36	4° \approx 26'57		retrograde	-4228 Jan 24 j 00:34	16° \mathbb{S} 44'55	
inferior conj	-4229 Feb 21 j 16:26	0° \approx 16'07	2°58'18	evening set	-4228 Jan 26 j 12:39	16° \mathbb{S} 22'21	
minimum elong	-4229 Feb 21 j 21:24	0° \approx 07'41	2°56'57	inferior conj	-4228 Feb 02 j 23:53	11° \mathbb{S} 52'25	3°47'41
	-4229 Feb 22 j 01:55	30° \mathbb{R} \mathbb{S}		minimum elong	-4228 Feb 03 j 02:47	11° \mathbb{S} 46'42	3°47'09
min. Earth dist.	-4229 Feb 24 j 15:19	28° \mathbb{S} 16'45	0.56811 AU	min. Earth dist.	-4228 Feb 06 j 09:01	9° \mathbb{S} 13'52	0.58604 AU
morning rise	-4229 Mar 02 j 03:33	25° \mathbb{S} 20'53		morning rise	-4228 Feb 10 j 14:36	6° \mathbb{S} 31'19	
desc. node	-4229 Mar 05 j 17:09	24° \mathbb{S} 29'04		direct	-4228 Feb 16 j 16:33	4° \mathbb{S} 57'15	
direct	-4229 Mar 07 j 01:35	24° \mathbb{S} 24'46		desc. node	-4228 Feb 20 j 14:15	5° \mathbb{S} 35'04	
	-4229 Mar 19 j 09:49	0° \approx		morning max el	-4228 Mar 01 j 22:46	12° \mathbb{S} 29'11	26°32'01
morning max el	-4229 Mar 21 j 05:41	1° \approx 39'48	25°10'28		-4228 Mar 15 j 16:36	0° \approx	
	-4229 Apr 10 j 00:01	0° \mathbb{X}		morning set	-4228 Mar 31 j 06:14	28° \approx 31'25	
morning set	-4229 Apr 16 j 19:09	13° \mathbb{X} 32'20			-4228 Mar 31 j 23:06	0° \mathbb{X}	
asc. node	-4229 Apr 20 j 00:35	20° \mathbb{X} 25'28		asc. node	-4228 Apr 05 j 21:33	10° \mathbb{X} 38'10	
superior conj	-4229 Apr 23 j 19:22	28° \mathbb{X} 38'43	0°38'27	superior conj	-4228 Apr 07 j 06:55	13° \mathbb{X} 40'38	0°14'28
minimum elong	-4229 Apr 23 j 17:44	28° \mathbb{X} 29'54	0°38'07	minimum elong	-4228 Apr 07 j 06:17	13° \mathbb{X} 37'10	0°14'16
	-4229 Apr 24 j 10:20	0° \mathbb{Y}		behind sun begin	-4228 Apr 07 j 04:08	13° \mathbb{X} 25'27	
max. Earth dist.	-4229 Apr 24 j 22:05	1° \mathbb{Y} 03'43	1.32974 AU	behind sun end	-4228 Apr 07 j 08:25	13° \mathbb{X} 48'52	
evening rise	-4229 May 01 j 00:23	13° \mathbb{Y} 57'43		max. Earth dist.	-4228 Apr 07 j 10:49	14° \mathbb{X} 01'59	1.32621 AU
	-4229 May 09 j 08:15	0° \mathbb{S}		evening rise	-4228 Apr 14 j 07:26	28° \mathbb{X} 47'05	
	-4229 May 29 j 20:14	0° Π			-4228 Apr 14 j 21:29	0° \mathbb{Y}	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4228 May 01 j 17:02	0°♄		behind sun end	-4227 Mar 22 j 22:44	29°♁03'54	
evening max el	-4228 May 14 j 02:18	15°♄15'44	26°37'34		-4227 Mar 23 j 09:00	0°♄	
desc. node	-4228 May 18 j 12:55	18°♄58'44		asc. node	-4227 Mar 23 j 18:32	0°♄52'07	
retrograde	-4228 May 28 j 03:54	22°♄35'48		evening rise	-4227 Mar 29 j 17:43	13°♄44'19	
evening set	-4228 Jun 03 j 16:05	20°♄46'30			-4227 Apr 07 j 00:04	0°♄	
min. Earth dist.	-4228 Jun 07 j 15:42	18°♄04'40	0.60079 AU	evening max el	-4227 Apr 25 j 22:47	26°♄36'07	25°28'35
inferior conj	-4228 Jun 11 j 00:21	15°♄20'27	-4°17'24		-4227 Apr 29 j 23:32	0°♄	
minimum elong	-4228 Jun 11 j 00:09	15°♄20'51	4°17'16	desc. node	-4227 May 05 j 10:00	2°♄57'54	
morning rise	-4228 Jun 18 j 10:22	10°♄40'57		retrograde	-4227 May 10 j 00:40	3°♄47'52	
direct	-4228 Jun 20 j 22:52	10°♄17'09		evening set	-4227 May 15 j 12:06	2°♄37'13	
morning max el	-4228 Jun 28 j 07:58	13°♄51'41	18°14'13		-4227 May 20 j 04:36	30°♄	
asc. node	-4228 Jul 02 j 21:13	19°♄20'14		min. Earth dist.	-4227 May 20 j 11:13	29°♄48'52	0.58078 AU
	-4228 Jul 09 j 08:54	0°♄		inferior conj	-4227 May 23 j 16:16	27°♄33'15	-3°58'52
morning set	-4228 Jul 14 j 08:28	9°♄14'39		minimum elong	-4227 May 23 j 12:36	27°♄39'47	3°58'18
				morning rise	-4227 May 31 j 15:55	23°♄14'39	
superior conj	-4228 Jul 23 j 23:10	27°♄07'57	1°46'27	direct	-4227 Jun 03 j 03:38	22°♄55'19	
minimum elong	-4228 Jul 24 j 01:08	27°♄16'48	1°46'33	morning max el	-4227 Jun 11 j 13:16	26°♄52'21	18°50'48
	-4228 Jul 25 j 13:26	0°♄			-4227 Jun 14 j 10:16	0°♄	
max. Earth dist.	-4228 Jul 31 j 11:40	10°♄20'06	1.40931 AU	asc. node	-4227 Jun 19 j 18:14	7°♄47'50	
evening rise	-4228 Aug 05 j 13:24	18°♄47'13		morning set	-4227 Jun 28 j 02:00	23°♄10'49	
	-4228 Aug 12 j 14:42	0°♄			-4227 Jul 01 j 13:31	0°♄	
desc. node	-4228 Aug 14 j 11:59	2°♄54'07					
	-4228 Sep 02 j 18:47	0°♄		superior conj	-4227 Jul 06 j 17:37	10°♄00'02	1°48'58
evening max el	-4228 Sep 08 j 14:00	6°♄34'16	22°57'10	minimum elong	-4227 Jul 06 j 17:09	9°♄57'48	1°49'08
retrograde	-4228 Sep 18 j 14:44	12°♄30'58		max. Earth dist.	-4227 Jul 13 j 13:57	22°♄37'50	1.38993 AU
evening set	-4228 Sep 23 j 09:59	10°♄32'10		evening rise	-4227 Jul 17 j 13:48	29°♄37'17	
inferior conj	-4228 Sep 28 j 17:15	4°♄14'24	-0°02'35		-4227 Jul 17 j 19:06	0°♄	
minimum elong	-4228 Sep 28 j 17:18	4°♄14'12	0°02'28	desc. node	-4227 Aug 01 j 08:57	23°♄16'33	
transit middle	-4228 Sep 28 j 17:18	4°♄14'12	0°02'28		-4227 Aug 06 j 00:01	0°♄	
transit begin	-4228 Sep 28 j 14:38	4°♄23'24		evening max el	-4227 Aug 22 j 01:51	20°♄02'05	24°17'48
transit end	-4228 Sep 28 j 19:59	4°♄05'00		retrograde	-4227 Sep 02 j 05:03	26°♄34'08	
min. Earth dist.	-4228 Sep 28 j 12:49	4°♄29'40	0.67421 AU	evening set	-4227 Sep 07 j 15:13	24°♄15'47	
asc. node	-4228 Sep 28 j 20:17	4°♄03'58		inferior conj	-4227 Sep 12 j 23:14	17°♄57'25	-0°56'00
	-4228 Oct 01 j 23:55	30°♄		minimum elong	-4227 Sep 13 j 00:32	17°♄53'01	0°55'19
morning rise	-4228 Oct 04 j 00:30	28°♄01'36		min. Earth dist.	-4227 Sep 12 j 08:23	18°♄47'28	0.67261 AU
direct	-4228 Oct 08 j 08:40	26°♄18'16		asc. node	-4227 Sep 15 j 17:24	14°♄25'15	
	-4228 Oct 15 j 15:51	0°♄		morning rise	-4227 Sep 18 j 09:48	11°♄50'28	
morning max el	-4228 Oct 17 j 09:32	1°♄40'00	21°48'04	direct	-4227 Sep 22 j 05:24	10°♄27'04	
	-4228 Nov 07 j 12:29	0°♄		morning max el	-4227 Sep 30 j 05:53	15°♄08'26	20°32'13
desc. node	-4228 Nov 10 j 11:52	4°♄29'45			-4227 Oct 11 j 18:49	0°♄	
morning set	-4228 Nov 18 j 09:18	16°♄47'23		morning set	-4227 Oct 28 j 10:06	25°♄04'08	
max. Earth dist.	-4228 Nov 24 j 24:00	27°♄32'12	1.41638 AU	desc. node	-4227 Oct 28 j 08:47	24°♄59'05	
	-4228 Nov 26 j 11:26	0°♄			-4227 Oct 31 j 13:56	0°♄	
				max. Earth dist.	-4227 Nov 07 j 07:55	10°♄43'41	1.43305 AU
superior conj	-4228 Dec 02 j 14:13	10°♄28'21	-1°49'53				
minimum elong	-4228 Dec 02 j 11:18	10°♄15'36	1°49'54	superior conj	-4227 Nov 13 j 11:18	20°♄46'26	-1°30'42
evening rise	-4228 Dec 13 j 06:54	29°♄46'39		minimum elong	-4227 Nov 13 j 05:01	20°♄20'22	1°30'13
	-4228 Dec 13 j 09:48	0°♄			-4227 Nov 18 j 22:43	0°♄	
asc. node	-4228 Dec 25 j 19:07	21°♄12'41		evening rise	-4227 Nov 25 j 20:44	11°♄59'43	
evening max el	-4228 Dec 29 j 17:06	25°♄56'01	18°11'15		-4227 Dec 06 j 09:23	0°♄	
retrograde	-4227 Jan 05 j 14:57	29°♄26'06		asc. node	-4227 Dec 12 j 16:13	8°♄33'54	
evening set	-4227 Jan 08 j 06:02	28°♄56'27		evening max el	-4227 Dec 13 j 05:03	9°♄07'16	18°09'27
inferior conj	-4227 Jan 15 j 03:03	24°♄04'43	4°03'42	retrograde	-4227 Dec 19 j 18:55	12°♄36'06	
minimum elong	-4227 Jan 15 j 03:07	24°♄04'35	4°03'31	evening set	-4227 Dec 22 j 13:06	11°♄58'27	
min. Earth dist.	-4227 Jan 18 j 08:08	21°♄10'24	0.60610 AU	inferior conj	-4227 Dec 28 j 22:41	6°♄45'32	3°55'15
morning rise	-4227 Jan 21 j 22:44	18°♄25'21		minimum elong	-4227 Dec 28 j 20:40	6°♄50'45	3°54'52
direct	-4227 Jan 28 j 18:34	16°♄13'45		min. Earth dist.	-4227 Dec 31 j 15:44	3°♄57'55	0.62529 AU
desc. node	-4227 Feb 06 j 11:21	19°♄21'53		morning rise	-4226 Jan 04 j 03:25	0°♄53'00	
morning max el	-4227 Feb 11 j 21:38	23°♄53'23	27°24'59		-4226 Jan 05 j 10:40	30°♄	
	-4227 Feb 17 j 10:53	0°♄		direct	-4226 Jan 11 j 05:11	28°♄14'40	
	-4227 Mar 08 j 19:44	0°♄			-4226 Jan 17 j 10:06	0°♄	
morning set	-4227 Mar 15 j 14:23	13°♄20'11		desc. node	-4226 Jan 24 j 08:26	5°♄14'11	
max. Earth dist.	-4227 Mar 21 j 23:58	26°♄59'35	1.32611 AU	morning max el	-4226 Jan 25 j 02:32	5°♄57'52	27°42'29
					-4226 Feb 12 j 08:42	0°♄	
superior conj	-4227 Mar 22 j 18:28	28°♄40'35	-0°10'28	morning set	-4226 Feb 27 j 17:24	27°♄50'05	
minimum elong	-4227 Mar 22 j 18:56	28°♄43'10	0°10'28		-4226 Feb 28 j 18:53	0°♄	
behind sun begin	-4227 Mar 22 j 15:09	28°♄22'26		max. Earth dist.	-4226 Mar 05 j 09:35	9°♄41'33	1.32957 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4226 Mar 07 j 04:18	13° \approx 31'36	-0°35'26	minimum elong	-4225 Feb 19 j 13:10	28° \approx 21'05	0°59'13
minimum elong	-4226 Mar 07 j 05:53	13° \approx 40'07	0°35'16		-4225 Feb 20 j 07:46	0° \approx	
asc. node	-4226 Mar 10 j 15:30	21° \approx 02'27		asc. node	-4225 Feb 25 j 12:30	11° \approx 05'09	
evening rise	-4226 Mar 14 j 05:17	28° \approx 41'21		evening rise	-4225 Feb 26 j 16:25	13° \approx 32'05	
	-4226 Mar 14 j 20:17	0° H			-4225 Mar 07 j 03:03	0° H	
	-4226 Apr 01 j 02:54	0° Y		evening max el	-4225 Mar 20 j 08:19	18° H 08'49	22°25'45
evening max el	-4226 Apr 07 j 14:55	7° Y 25'12	23°59'58	retrograde	-4225 Apr 02 j 06:15	24° H 26'45	
retrograde	-4226 Apr 21 j 09:24	14° Y 18'43		evening set	-4225 Apr 05 j 06:02	24° H 07'03	
desc. node	-4226 Apr 22 j 07:09	14° Y 16'51		desc. node	-4225 Apr 09 j 04:19	22° H 47'36	
evening set	-4226 Apr 25 j 13:06	13° Y 40'26		min. Earth dist.	-4225 Apr 13 j 16:39	20° H 26'35	0.55365 AU
min. Earth dist.	-4226 May 02 j 02:31	10° Y 32'11	0.56394 AU	inferior conj	-4225 Apr 14 j 14:22	19° H 55'41	-1°28'27
inferior conj	-4226 May 04 j 11:57	9° Y 03'38	-3°03'06	minimum elong	-4225 Apr 14 j 10:27	20° H 01'15	1°27'12
minimum elong	-4226 May 04 j 06:06	9° Y 12'42	3°01'39	morning rise	-4225 Apr 23 j 16:38	15° H 58'15	
morning rise	-4226 May 13 j 02:07	5° Y 01'39		direct	-4225 Apr 26 j 06:53	15° H 42'48	
direct	-4226 May 15 j 13:31	4° Y 45'38		morning max el	-4225 May 07 j 19:54	21° H 07'33	21°04'30
morning max el	-4226 May 25 j 09:51	9° Y 19'56	19°47'56		-4225 May 15 j 04:16	0° Y	
asc. node	-4226 Jun 06 j 15:14	26° Y 50'37		asc. node	-4225 May 24 j 12:12	16° Y 19'46	
	-4226 Jun 08 j 07:30	0° B		morning set	-4225 May 27 j 10:46	22° Y 16'05	
morning set	-4226 Jun 12 j 03:39	7° B 33'50			-4225 May 31 j 04:08	0° B	
superior conj	-4226 Jun 20 j 03:06	23° B 39'19	1°42'37	superior conj	-4225 Jun 03 j 23:10	7° B 52'36	1°29'49
minimum elong	-4226 Jun 20 j 01:06	23° B 29'24	1°42'40	minimum elong	-4225 Jun 03 j 20:31	7° B 38'58	1°29'38
	-4226 Jun 23 j 08:50	0° II		max. Earth dist.	-4225 Jun 08 j 02:43	16° B 16'25	1.35486 AU
max. Earth dist.	-4226 Jun 25 j 17:03	4° II 28'06	1.37109 AU	evening rise	-4225 Jun 12 j 11:31	24° B 44'01	
evening rise	-4226 Jun 29 j 14:51	11° II 40'39			-4225 Jun 15 j 07:39	0° II	
	-4226 Jul 10 j 09:56	0° E			-4225 Jul 03 j 22:12	0° E	
desc. node	-4226 Jul 19 j 05:57	13° E 21'56		desc. node	-4225 Jul 06 j 03:01	3° E 02'07	
	-4226 Aug 01 j 03:35	0° O		evening max el	-4225 Jul 17 j 23:24	17° E 02'10	26°34'04
evening max el	-4226 Aug 04 j 12:28	3° O 32'44	25°32'47	retrograde	-4225 Jul 30 j 20:35	24° E 19'05	
retrograde	-4226 Aug 16 j 15:11	10° O 32'27		evening set	-4225 Aug 06 j 11:09	21° E 32'51	
evening set	-4226 Aug 22 j 16:21	7° O 57'05		min. Earth dist.	-4225 Aug 10 j 11:32	17° E 19'45	0.65940 AU
min. Earth dist.	-4226 Aug 27 j 00:43	3° O 05'40	0.66777 AU	inferior conj	-4225 Aug 12 j 02:11	15° E 22'34	-2°36'56
inferior conj	-4226 Aug 28 j 02:51	1° O 41'14	-1°48'03	minimum elong	-4225 Aug 12 j 05:33	15° E 12'21	2°35'39
minimum elong	-4226 Aug 28 j 05:19	1° O 33'16	1°46'56	morning rise	-4225 Aug 18 j 00:14	9° E 36'35	
	-4226 Aug 29 j 10:40	30° R E		asc. node	-4225 Aug 20 j 11:37	8° E 46'09	
morning rise	-4226 Sep 02 j 18:24	25° E 43'16		direct	-4225 Aug 21 j 01:11	8° E 44'21	
asc. node	-4226 Sep 02 j 14:31	25° E 49'43		morning max el	-4225 Aug 27 j 19:16	12° E 30'09	18°41'19
direct	-4226 Sep 06 j 03:32	24° E 37'05			-4225 Sep 09 j 07:37	0° O	
morning max el	-4226 Sep 13 j 09:34	28° E 46'15	19°29'09	morning set	-4225 Sep 17 j 11:22	13° O 03'51	
	-4226 Sep 14 j 13:07	0° O			-4225 Sep 28 j 02:25	0° O	
	-4226 Oct 05 j 05:42	0° O		desc. node	-4225 Oct 02 j 02:36	6° O 19'38	
morning set	-4226 Oct 07 j 12:11	3° O 32'03		superior conj	-4225 Oct 03 j 05:45	8° O 06'37	-0°07'10
desc. node	-4226 Oct 15 j 05:41	15° O 36'59		minimum elong	-4225 Oct 03 j 04:48	8° O 02'55	0°06'58
max. Earth dist.	-4226 Oct 20 j 22:12	24° O 34'52	1.44409 AU	behind sun begin	-4225 Oct 02 j 18:23	7° O 21'50	
superior conj	-4226 Oct 24 j 05:09	29° O 48'51	-0°54'54	behind sun end	-4225 Oct 03 j 15:14	8° O 43'59	
minimum elong	-4226 Oct 23 j 22:56	29° O 24'03	0°54'09	max. Earth dist.	-4225 Oct 03 j 15:34	8° O 45'19	1.44823 AU
	-4226 Oct 24 j 07:56	0° A			-4225 Oct 17 j 02:10	0° A	
evening rise	-4226 Nov 07 j 14:20	23° A 18'01		evening rise	-4225 Oct 19 j 07:32	3° A 32'31	
	-4226 Nov 11 j 14:39	0° M			-4225 Nov 05 j 09:15	0° M	
evening max el	-4226 Nov 26 j 17:40	22° M 28'01	18°26'25	evening max el	-4225 Nov 10 j 04:24	5° M 53'14	19°01'03
asc. node	-4226 Nov 29 j 13:19	24° M 50'46		asc. node	-4225 Nov 16 j 10:28	9° M 47'19	
retrograde	-4226 Dec 03 j 08:01	26° M 06'18		retrograde	-4225 Nov 17 j 02:27	9° M 49'50	
evening set	-4226 Dec 06 j 06:23	25° M 19'20		evening set	-4225 Nov 20 j 06:47	8° M 51'30	
inferior conj	-4226 Dec 12 j 07:01	19° M 47'36	3°30'03	inferior conj	-4225 Nov 26 j 00:34	3° M 03'57	2°53'31
minimum elong	-4226 Dec 12 j 04:00	19° M 56'18	3°29'17	minimum elong	-4225 Nov 25 j 21:25	3° M 13'47	2°52'30
min. Earth dist.	-4226 Dec 14 j 09:31	17° M 22'47	0.64181 AU	min. Earth dist.	-4225 Nov 27 j 12:50	1° M 11'04	0.65492 AU
morning rise	-4226 Dec 18 j 01:07	13° M 45'18			-4225 Nov 28 j 12:25	30° R A	
direct	-4226 Dec 24 j 23:13	10° M 54'55		morning rise	-4225 Dec 01 j 11:43	26° A 54'40	
morning max el	-4225 Jan 07 j 11:21	18° M 36'52	27°24'25	direct	-4225 Dec 07 j 23:49	24° A 06'11	
desc. node	-4225 Jan 11 j 05:29	22° M 37'33			-4225 Dec 19 j 04:33	0° M	
	-4225 Jan 17 j 04:14	0° A		morning max el	-4225 Dec 20 j 21:08	1° M 37'14	26°35'59
	-4225 Feb 05 j 05:41	0° B		desc. node	-4225 Dec 29 j 02:30	11° M 04'47	
morning set	-4225 Feb 11 j 12:36	11° B 52'22			-4224 Jan 11 j 06:45	0° A	
max. Earth dist.	-4225 Feb 16 j 11:44	21° B 55'14	1.33696 AU	morning set	-4224 Jan 25 j 20:23	25° A 15'28	
					-4224 Jan 28 j 07:37	0° B	
superior conj	-4225 Feb 19 j 10:39	28° B 07'46	-0°59'29	max. Earth dist.	-4224 Jan 30 j 02:52	3° B 32'43	1.34867 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4224 Feb 03 j 11:20	12°♄22'09	-1°21'21	max. Earth dist.	-4223 Jan 11 j 06:24	14°♄42'24	1.36485 AU
minimum elong	-4224 Feb 03 j 14:23	12°♄37'57	1°21'06				
evening rise	-4224 Feb 11 j 01:19	28°♄10'19		superior conj	-4223 Jan 17 j 03:32	26°♄06'10	-1°39'21
	-4224 Feb 11 j 22:39	0°♄		minimum elong	-4223 Jan 17 j 06:28	26°♄20'45	1°39'16
asc. node	-4224 Feb 12 j 09:33	0°♄55'40			-4223 Jan 19 j 02:15	0°♄	
evening max el	-4224 Mar 01 j 09:12	29°♄13'48	20°58'45	evening rise	-4223 Jan 25 j 05:58	12°♄29'34	
	-4224 Mar 02 j 05:22	0°♄		asc. node	-4223 Jan 29 j 06:37	20°♄28'07	
retrograde	-4224 Mar 12 j 20:03	4°♄41'25			-4223 Feb 03 j 13:51	0°♄	
evening set	-4224 Mar 15 j 05:39	4°♄27'55		evening max el	-4223 Feb 11 j 20:25	10°♄52'40	19°46'52
inferior conj	-4224 Mar 24 j 09:46	0°♄29'45	0°27'26	retrograde	-4223 Feb 21 j 14:27	15°♄30'00	
minimum elong	-4224 Mar 24 j 11:01	0°♄27'58	0°26'53	evening set	-4223 Feb 23 j 22:17	15°♄15'26	
	-4224 Mar 25 j 06:37	30°♄		inferior conj	-4223 Mar 04 j 12:04	11°♄13'06	2°12'32
min. Earth dist.	-4224 Mar 25 j 07:00	29°♄59'26	0.55228 AU	minimum elong	-4223 Mar 04 j 16:52	11°♄05'34	2°10'58
desc. node	-4224 Mar 26 j 01:29	29°♄33'18		min. Earth dist.	-4223 Mar 06 j 21:26	9°♄43'47	0.56016 AU
morning rise	-4224 Apr 02 j 15:38	26°♄18'55		desc. node	-4223 Mar 12 j 22:37	6°♄43'50	
direct	-4224 Apr 05 j 18:57	25°♄57'25		morning rise	-4223 Mar 13 j 09:04	6°♄35'27	
	-4224 Apr 16 j 04:14	0°♄		direct	-4223 Mar 17 j 14:01	5°♄55'59	
morning max el	-4224 Apr 18 j 19:31	2°♄15'19	22°36'33	morning max el	-4223 Mar 31 j 11:47	12°♄54'44	24°15'33
	-4224 May 07 j 08:29	0°♄			-4223 Apr 13 j 14:34	0°♄	
asc. node	-4224 May 10 j 09:12	6°♄08'37		morning set	-4223 Apr 25 j 09:27	22°♄13'34	
morning set	-4224 May 10 j 21:20	7°♄11'43		asc. node	-4223 Apr 27 j 06:11	26°♄10'31	
					-4223 Apr 29 j 00:54	0°♄	
superior conj	-4224 May 18 j 02:35	22°♄30'04	1°12'20	superior conj	-4223 May 02 j 10:42	7°♄22'14	0°51'32
minimum elong	-4224 May 17 j 23:58	22°♄16'15	1°12'00	minimum elong	-4223 May 02 j 08:37	7°♄11'00	0°51'09
max. Earth dist.	-4224 May 20 j 22:24	28°♄25'39	1.34225 AU	max. Earth dist.	-4223 May 04 j 03:18	11°♄00'37	1.33334 AU
	-4224 May 21 j 16:39	0°♄		evening rise	-4223 May 09 j 19:58	22°♄53'39	
evening rise	-4224 May 25 j 22:40	8°♄33'08			-4223 May 13 j 10:29	0°♄	
	-4224 Jun 06 j 19:32	0°♄			-4223 May 31 j 13:57	0°♄	
desc. node	-4224 Jun 22 j 00:07	22°♄06'29		desc. node	-4223 Jun 08 j 21:14	10°♄18'55	
	-4224 Jun 29 j 01:18	0°♄		evening max el	-4223 Jun 11 j 20:44	13°♄22'08	27°25'07
evening max el	-4224 Jun 29 j 10:45	0°♄22'58	27°13'42	retrograde	-4223 Jun 25 j 14:42	20°♄46'02	
retrograde	-4224 Jul 12 j 20:43	7°♄46'47		evening set	-4223 Jul 02 j 18:16	18°♄10'46	
evening set	-4224 Jul 19 j 20:56	4°♄59'37		min. Earth dist.	-4223 Jul 06 j 08:26	15°♄05'55	0.63147 AU
min. Earth dist.	-4224 Jul 23 j 14:42	1°♄23'30	0.64730 AU	inferior conj	-4223 Jul 09 j 02:30	12°♄20'35	-3°54'41
	-4224 Jul 24 j 20:50	30°♄		minimum elong	-4223 Jul 09 j 05:44	12°♄12'27	3°53'58
inferior conj	-4224 Jul 25 j 18:59	28°♄57'52	-3°20'16	morning rise	-4223 Jul 15 j 18:11	7°♄07'48	
minimum elong	-4224 Jul 25 j 22:44	28°♄47'26	3°19'08	direct	-4223 Jul 18 j 09:36	6°♄34'27	
morning rise	-4224 Aug 01 j 01:05	23°♄26'57		asc. node	-4223 Jul 24 j 05:44	9°♄16'29	
direct	-4224 Aug 03 j 20:12	22°♄45'27		morning max el	-4223 Jul 24 j 23:38	9°♄58'37	17°56'57
asc. node	-4224 Aug 06 j 08:41	23°♄18'55			-4223 Aug 07 j 07:55	0°♄	
morning max el	-4224 Aug 10 j 08:49	26°♄16'13	18°10'13	morning set	-4223 Aug 10 j 16:53	5°♄55'27	
	-4224 Aug 13 j 13:13	0°♄					
morning set	-4224 Aug 28 j 14:01	23°♄55'06		superior conj	-4223 Aug 22 j 14:46	26°♄25'28	1°17'37
	-4224 Sep 01 j 05:25	0°♄		minimum elong	-4223 Aug 22 j 20:29	26°♄49'18	1°17'12
superior conj	-4224 Sep 11 j 10:52	16°♄42'00	0°40'39		-4223 Aug 24 j 18:28	0°♄	
minimum elong	-4224 Sep 11 j 15:29	17°♄00'28	0°40'14	max. Earth dist.	-4223 Aug 29 j 00:10	6°♄54'50	1.43518 AU
max. Earth dist.	-4224 Sep 15 j 09:06	22°♄57'33	1.44512 AU	desc. node	-4223 Sep 04 j 20:31	17°♄47'23	
desc. node	-4224 Sep 17 j 23:33	27°♄04'13		evening rise	-4223 Sep 07 j 05:08	21°♄27'49	
	-4224 Sep 19 j 20:17	0°♄			-4223 Sep 12 j 18:36	0°♄	
evening rise	-4224 Sep 28 j 00:54	12°♄46'20			-4223 Oct 03 j 23:37	0°♄	
	-4224 Oct 09 j 05:50	0°♄		evening max el	-4223 Oct 06 j 12:03	2°♄46'50	20°56'17
greatest brilliancy	-4224 Oct 10 j 22:54	2°♄34'37	-0.7m	retrograde	-4223 Oct 14 j 20:19	7°♄42'52	
evening max el	-4224 Oct 23 j 11:05	19°♄20'12	19°51'45	evening set	-4223 Oct 18 j 19:14	6°♄13'55	
retrograde	-4224 Oct 30 j 23:17	23°♄43'00		asc. node	-4223 Oct 20 j 04:43	5°♄00'11	
asc. node	-4224 Nov 02 j 07:37	23°♄11'00		inferior conj	-4223 Oct 24 j 04:35	0°♄04'09	1°20'14
evening set	-4224 Nov 03 j 11:47	22°♄30'42		minimum elong	-4223 Oct 24 j 02:49	0°♄10'13	1°19'32
inferior conj	-4224 Nov 09 j 00:32	16°♄30'27	2°09'21		-4223 Oct 24 j 05:48	30°♄	
minimum elong	-4224 Nov 08 j 21:52	16°♄39'14	2°08'22	min. Earth dist.	-4223 Oct 24 j 16:28	29°♄23'40	0.67068 AU
min. Earth dist.	-4224 Nov 09 j 23:55	15°♄13'23	0.66450 AU	morning rise	-4223 Oct 29 j 10:14	23°♄48'47	
morning rise	-4224 Nov 14 j 07:43	10°♄16'49		direct	-4223 Nov 03 j 17:25	21°♄31'57	
direct	-4224 Nov 20 j 06:07	7°♄40'55		morning max el	-4223 Nov 14 j 14:50	28°♄01'52	24°02'17
morning max el	-4224 Dec 02 j 06:05	14°♄47'28	25°25'22		-4223 Nov 16 j 11:42	0°♄	
desc. node	-4224 Dec 14 j 23:29	0°♄17'13		desc. node	-4223 Dec 01 j 20:27	20°♄01'48	
	-4224 Dec 14 j 18:29	0°♄			-4223 Dec 08 j 12:12	0°♄	
	-4223 Jan 03 j 02:40	0°♄		morning set	-4223 Dec 20 j 05:15	19°♄04'23	
morning set	-4223 Jan 07 j 11:55	7°♄44'47		max. Earth dist.	-4223 Dec 24 j 03:09	25°♄55'12	1.38444 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4223 Dec 26 j 09:30	0°♊		superior conj	-4222 Dec 13 j 18:40	21°♊19'10	-1°53'57
				minimum elong	-4222 Dec 13 j 17:48	21°♊15'16	1°54'04
superior conj	-4223 Dec 31 j 07:37	9°♊09'45	-1°51'14		-4222 Dec 18 j 12:11	0°♊	
minimum elong	-4223 Dec 31 j 09:21	9°♊18'00	1°51'20	evening rise	-4222 Dec 23 j 16:34	9°♊44'47	
evening rise	-4222 Jan 09 j 04:03	26°♊23'43		asc. node	-4221 Jan 03 j 00:44	28°♊10'49	
	-4222 Jan 11 j 00:22	0°♋			-4221 Jan 04 j 05:41	0°♋	
asc. node	-4222 Jan 16 j 03:41	9°♋36'04		evening max el	-4221 Jan 08 j 22:43	5°♋48'08	18°20'59
evening max el	-4222 Jan 25 j 17:39	23°♋06'20	18°53'52	retrograde	-4221 Jan 16 j 05:48	9°♋25'08	
retrograde	-4222 Feb 03 j 00:49	27°♋05'46		evening set	-4221 Jan 18 j 19:06	8°♋59'42	
evening set	-4222 Feb 05 j 11:15	26°♋46'35		inferior conj	-4221 Jan 25 j 23:55	4°♋20'15	3°58'01
inferior conj	-4222 Feb 13 j 07:46	22°♋27'56	3°23'47	minimum elong	-4221 Jan 26 j 01:35	4°♋16'44	3°57'43
minimum elong	-4222 Feb 13 j 12:06	22°♋20'05	3°22'48	min. Earth dist.	-4221 Jan 29 j 08:31	1°♋32'11	0.59452 AU
min. Earth dist.	-4222 Feb 16 j 12:58	20°♋09'42	0.57532 AU		-4221 Jan 31 j 09:47	30°♋♊	
morning rise	-4222 Feb 21 j 10:27	17°♋21'10		morning rise	-4221 Feb 02 j 06:07	28°♊50'19	
direct	-4222 Feb 26 j 21:19	16°♋09'53		direct	-4221 Feb 08 j 16:52	26°♊59'52	
desc. node	-4222 Feb 27 j 19:44	16°♋11'59		desc. node	-4221 Feb 14 j 16:50	28°♊29'23	
morning max el	-4222 Mar 13 j 02:56	23°♋32'37	25°47'55		-4221 Feb 17 j 08:17	0°♋	
	-4222 Mar 18 j 22:34	0°♌		morning max el	-4221 Feb 22 j 22:28	4°♋35'36	26°58'38
	-4222 Apr 06 j 08:16	0°♌			-4221 Mar 13 j 15:07	0°♌	
morning set	-4222 Apr 09 j 21:26	7°♌15'38		morning set	-4221 Mar 25 j 07:31	22°♌11'12	
asc. node	-4222 Apr 14 j 03:11	16°♌20'37			-4221 Mar 28 j 23:46	0°♌	
superior conj	-4222 Apr 16 j 21:30	22°♌22'18	0°28'26	superior conj	-4221 Apr 01 j 09:14	7°♌23'47	0°03'57
minimum elong	-4222 Apr 16 j 20:16	22°♌15'37	0°28'08	minimum elong	-4221 Apr 01 j 09:04	7°♌22'51	0°03'50
max. Earth dist.	-4222 Apr 17 j 14:24	23°♌54'32	1.32791 AU	behind sun begin	-4221 Apr 01 j 04:12	6°♌56'12	
	-4222 Apr 20 j 09:54	0°♍		behind sun end	-4221 Apr 01 j 13:56	7°♌49'30	
evening rise	-4222 Apr 24 j 00:12	7°♍34'58		max. Earth dist.	-4221 Apr 01 j 03:52	6°♌54'20	1.32577 AU
	-4222 May 05 j 22:17	0°♎		asc. node	-4221 Apr 01 j 00:11	6°♌34'12	
evening max el	-4222 May 25 j 02:36	25°♎46'44	27°04'11	evening rise	-4221 Apr 08 j 08:52	22°♌28'11	
desc. node	-4222 May 26 j 18:21	27°♎17'37			-4221 Apr 12 j 01:28	0°♍	
	-4222 May 30 j 06:12	0°♏			-4221 Apr 30 j 09:41	0°♎	
retrograde	-4222 Jun 08 j 01:39	3°♏08'21		evening max el	-4221 May 07 j 02:22	7°♎29'22	26°11'14
evening set	-4222 Jun 14 j 23:06	0°♏58'44		desc. node	-4221 May 13 j 15:27	12°♎32'48	
	-4222 Jun 16 j 10:05	30°♎♏		retrograde	-4221 May 21 j 04:29	14°♎47'07	
min. Earth dist.	-4222 Jun 18 j 16:05	28°♎13'25	0.61255 AU	evening set	-4221 May 27 j 07:41	13°♎13'51	
inferior conj	-4222 Jun 21 j 21:26	25°♎23'05	-4°15'00	min. Earth dist.	-4221 May 31 j 15:08	10°♎31'26	0.59210 AU
minimum elong	-4222 Jun 21 j 22:54	25°♎19'51	4°14'45	inferior conj	-4221 Jun 04 j 00:10	7°♎56'29	-4°13'30
morning rise	-4222 Jun 29 j 00:18	20°♎31'10		minimum elong	-4221 Jun 03 j 22:31	7°♎59'40	4°13'18
direct	-4222 Jul 01 j 13:41	20°♎04'09		morning rise	-4221 Jun 11 j 15:51	3°♎26'32	
morning max el	-4222 Jul 08 j 13:01	23°♎31'16	18°02'22	direct	-4221 Jun 14 j 04:01	3°♎04'45	
asc. node	-4222 Jul 11 j 02:47	26°♎23'37		morning max el	-4221 Jun 21 j 22:12	6°♎46'48	18°27'23
	-4222 Jul 13 j 17:36	0°♏		asc. node	-4221 Jun 27 j 23:49	14°♎25'41	
morning set	-4222 Jul 24 j 14:26	18°♏49'50			-4221 Jul 06 j 19:12	0°♏	
	-4222 Jul 30 j 16:59	0°♐		morning set	-4221 Jul 08 j 01:50	2°♏26'23	
superior conj	-4222 Aug 03 j 22:18	7°♐31'12	1°39'53	superior conj	-4221 Jul 17 j 05:44	19°♏49'37	1°48'46
minimum elong	-4222 Aug 04 j 01:52	7°♐46'53	1°39'50	minimum elong	-4221 Jul 17 j 06:34	19°♏53'28	1°48'57
max. Earth dist.	-4222 Aug 11 j 10:03	20°♐19'10	1.41978 AU		-4221 Jul 22 j 20:58	0°♑	
	-4222 Aug 17 j 08:41	0°♑		max. Earth dist.	-4221 Jul 24 j 14:01	2°♑59'23	1.40106 AU
evening rise	-4222 Aug 17 j 15:49	0°♑28'29		evening rise	-4221 Jul 29 j 00:55	10°♑33'42	
desc. node	-4222 Aug 22 j 17:28	8°♑25'32		desc. node	-4221 Aug 09 j 14:27	28°♑55'12	
	-4222 Sep 06 j 08:19	0°♒			-4221 Aug 10 j 07:38	0°♑	
evening max el	-4222 Sep 19 j 06:39	16°♒11'41	22°11'14	evening max el	-4221 Sep 01 j 20:09	29°♑37'17	23°31'40
retrograde	-4222 Sep 28 j 15:47	21°♒46'06			-4221 Sep 02 j 05:19	0°♒	
evening set	-4222 Oct 03 j 03:11	19°♒58'18		retrograde	-4221 Sep 12 j 08:27	5°♒50'22	
asc. node	-4222 Oct 07 j 01:50	15°♒34'52		evening set	-4221 Sep 17 j 09:56	3°♒42'56	
inferior conj	-4222 Oct 08 j 10:45	13°♒42'22	0°28'06		-4221 Sep 20 j 19:02	30°♒♑	
minimum elong	-4222 Oct 08 j 10:06	13°♒44'37	0°27'53	inferior conj	-4221 Sep 22 j 17:17	27°♑24'15	-0°25'18
min. Earth dist.	-4222 Oct 08 j 12:05	13°♒37'46	0.67374 AU	minimum elong	-4221 Sep 22 j 17:53	27°♑22'14	0°24'56
morning rise	-4222 Oct 13 j 16:53	7°♒27'54		min. Earth dist.	-4221 Sep 22 j 08:25	27°♑54'39	0.67384 AU
direct	-4222 Oct 18 j 09:02	5°♒32'34		asc. node	-4221 Sep 23 j 22:56	25°♑43'49	
morning max el	-4222 Oct 28 j 01:54	11°♒19'25	22°36'00	morning rise	-4221 Sep 28 j 01:45	21°♑13'34	
	-4222 Nov 11 j 19:09	0°♓		direct	-4221 Oct 02 j 04:13	19°♑39'13	
desc. node	-4222 Nov 18 j 17:23	10°♓08'26		morning max el	-4221 Oct 10 j 18:18	24°♑43'23	21°14'31
morning set	-4222 Nov 30 j 18:49	29°♓01'00			-4221 Oct 15 j 08:47	0°♓	
	-4222 Dec 01 j 09:15	0°♓			-4221 Nov 05 j 06:16	0°♓	
max. Earth dist.	-4222 Dec 06 j 00:30	7°♓43'58	1.40511 AU	desc. node	-4221 Nov 05 j 14:19	0°♓30'55	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning set	-4221 Nov 10 j 05:26	7° Ω 42'31		superior conj	-4220 Nov 04 j 16:15	12° Ω 05'21	-1°17'28
max. Earth dist.	-4221 Nov 18 j 03:36	20° Ω 24'07	1.42399 AU	minimum elong	-4220 Nov 04 j 09:21	11° Ω 37'16	1°16'47
	-4221 Nov 23 j 21:57	0° \mathbb{M}			-4220 Nov 15 j 09:58	0° \mathbb{M}	
				evening rise	-4220 Nov 17 j 21:40	4° \mathbb{M} 15'21	
superior conj	-4221 Nov 25 j 07:03	2° \mathbb{M} 20'55	-1°43'47		-4220 Dec 04 j 00:17	0° \mathbb{J}	
minimum elong	-4221 Nov 25 j 02:33	2° \mathbb{M} 01'42	1°43'35	evening max el	-4220 Dec 05 j 21:37	2° \mathbb{J} 07'05	18°14'32
evening rise	-4221 Dec 06 j 15:55	22° \mathbb{M} 25'05		asc. node	-4220 Dec 06 j 18:53	2° \mathbb{J} 58'03	
	-4221 Dec 10 j 21:06	0° \mathbb{J}		retrograde	-4220 Dec 12 j 10:44	5° \mathbb{J} 38'33	
asc. node	-4221 Dec 20 j 21:48	16° \mathbb{J} 02'22		evening set	-4220 Dec 15 j 06:32	4° \mathbb{J} 57'11	
evening max el	-4221 Dec 23 j 09:00	18° \mathbb{J} 50'51	18°08'07		-4220 Dec 21 j 03:18	30° \mathbb{R} \mathbb{M}	
retrograde	-4221 Dec 30 j 02:31	22° \mathbb{J} 19'13		inferior conj	-4220 Dec 21 j 12:04	29° \mathbb{M} 36'17	3°46'15
evening set	-4220 Jan 01 j 18:42	21° \mathbb{J} 46'27		minimum elong	-4220 Dec 21 j 09:29	29° \mathbb{M} 43'15	3°45'41
inferior conj	-4220 Jan 08 j 10:34	16° \mathbb{J} 45'40	4°02'36	min. Earth dist.	-4220 Dec 23 j 23:10	26° \mathbb{M} 56'34	0.63270 AU
minimum elong	-4220 Jan 08 j 09:38	16° \mathbb{J} 47'58	4°02'22	morning rise	-4220 Dec 27 j 11:46	23° \mathbb{M} 39'23	
min. Earth dist.	-4220 Jan 11 j 11:13	13° \mathbb{J} 51'25	0.61449 AU	direct	-4219 Jan 03 j 13:09	20° \mathbb{M} 53'41	
morning rise	-4220 Jan 14 j 23:19	10° \mathbb{J} 59'51		morning max el	-4219 Jan 17 j 06:57	28° \mathbb{M} 37'32	27°38'53
direct	-4220 Jan 21 j 22:56	8° \mathbb{J} 34'59		desc. node	-4219 Jan 18 j 10:59	29° \mathbb{M} 48'29	
desc. node	-4220 Feb 01 j 13:55	13° \mathbb{J} 13'43			-4219 Jan 18 j 15:25	0° \mathbb{J}	
morning max el	-4220 Feb 05 j 00:13	16° \mathbb{J} 17'31	27°36'49		-4219 Feb 09 j 02:44	0° \mathbb{Z}	
	-4220 Feb 16 j 08:13	0° \mathbb{Z}		morning set	-4219 Feb 20 j 13:54	21° \mathbb{Z} 12'56	
	-4220 Mar 05 j 03:19	0° \approx			-4219 Feb 24 j 20:36	0° \approx	
morning set	-4220 Mar 08 j 13:47	6° \approx 52'59		max. Earth dist.	-4219 Feb 25 j 22:39	2° \approx 17'21	1.33217 AU
max. Earth dist.	-4220 Mar 14 j 15:53	19° \approx 46'19	1.32710 AU				
				superior conj	-4219 Feb 28 j 04:58	7° \approx 07'03	-0°45'48
superior conj	-4220 Mar 15 j 20:17	22° \approx 20'41	-0°21'07	minimum elong	-4219 Feb 28 j 06:57	7° \approx 17'47	0°45'34
minimum elong	-4220 Mar 15 j 21:14	22° \approx 25'51	0°21'02	asc. node	-4219 Mar 04 j 18:10	16° \approx 55'09	
asc. node	-4220 Mar 17 j 21:10	26° \approx 47'02		evening rise	-4219 Mar 07 j 07:34	22° \approx 21'35	
	-4220 Mar 19 j 08:39	0° \mathbb{H}			-4219 Mar 11 j 01:02	0° \mathbb{H}	
evening rise	-4220 Mar 22 j 19:55	7° \mathbb{H} 25'50		evening max el	-4219 Mar 30 j 12:35	29° \mathbb{H} 18'37	23°19'51
	-4220 Apr 03 j 17:39	0° \mathbb{Y}			-4219 Mar 31 j 06:20	0° \mathbb{Y}	
evening max el	-4220 Apr 17 j 20:25	18° \mathbb{Y} 33'45	24°52'28	retrograde	-4219 Apr 13 j 00:22	5° \mathbb{Y} 58'44	
desc. node	-4220 Apr 29 j 12:37	25° \mathbb{Y} 27'28		desc. node	-4219 Apr 16 j 09:46	5° \mathbb{Y} 33'30	
retrograde	-4220 May 01 j 20:55	25° \mathbb{Y} 40'18		evening set	-4219 Apr 16 j 14:46	5° \mathbb{Y} 30'22	
evening set	-4220 May 06 j 18:54	24° \mathbb{Y} 44'54		min. Earth dist.	-4219 Apr 23 j 23:37	2° \mathbb{Y} 10'01	0.55861 AU
min. Earth dist.	-4220 May 12 j 08:40	21° \mathbb{Y} 49'16	0.57295 AU	inferior conj	-4219 Apr 25 j 19:17	1° \mathbb{Y} 05'28	-2°27'17
inferior conj	-4220 May 15 j 07:32	19° \mathbb{Y} 51'37	-3°40'11	minimum elong	-4219 Apr 25 j 13:40	1° \mathbb{Y} 13'48	2°25'40
minimum elong	-4220 May 15 j 02:35	19° \mathbb{Y} 59'54	3°39'14		-4219 Apr 27 j 16:11	30° \mathbb{R} \mathbb{H}	
morning rise	-4220 May 23 j 13:23	15° \mathbb{Y} 41'07		morning rise	-4219 May 04 j 15:06	27° \mathbb{H} 06'50	
direct	-4220 May 26 j 00:36	15° \mathbb{Y} 23'33		direct	-4219 May 07 j 02:58	26° \mathbb{H} 51'31	
morning max el	-4220 Jun 04 j 00:12	19° \mathbb{Y} 34'57	19°12'39		-4219 May 15 j 13:43	0° \mathbb{Y}	
	-4220 Jun 12 j 00:01	0° \mathbb{B}		morning max el	-4219 May 17 j 16:29	1° \mathbb{Y} 46'33	20°18'08
asc. node	-4220 Jun 13 j 20:50	3° \mathbb{B} 09'23		asc. node	-4219 May 31 j 17:51	22° \mathbb{Y} 24'43	
morning set	-4220 Jun 20 j 23:11	16° \mathbb{B} 34'40			-4219 Jun 04 j 14:17	0° \mathbb{B}	
	-4220 Jun 27 j 17:34	0° \mathbb{I}		morning set	-4219 Jun 05 j 03:30	1° \mathbb{B} 06'57	
superior conj	-4220 Jun 29 j 07:13	3° \mathbb{I} 03'34	1°47'12	superior conj	-4219 Jun 12 j 21:43	16° \mathbb{B} 58'42	1°37'52
minimum elong	-4220 Jun 29 j 05:59	2° \mathbb{I} 57'35	1°47'20	minimum elong	-4219 Jun 12 j 19:20	16° \mathbb{B} 46'44	1°37'48
max. Earth dist.	-4220 Jul 05 j 15:26	15° \mathbb{I} 00'34	1.38165 AU	max. Earth dist.	-4219 Jun 17 j 20:47	26° \mathbb{B} 46'56	1.36387 AU
evening rise	-4220 Jul 09 j 12:22	21° \mathbb{I} 56'19			-4219 Jun 19 j 13:12	0° \mathbb{I}	
	-4220 Jul 14 j 05:29	0° \mathbb{E}		evening rise	-4219 Jun 21 j 22:33	4° \mathbb{I} 27'38	
desc. node	-4220 Jul 26 j 11:27	19° \mathbb{E} 11'02			-4219 Jul 07 j 03:15	0° \mathbb{E}	
	-4220 Aug 03 j 04:57	0° \mathbb{Q}		desc. node	-4219 Jul 13 j 08:29	9° \mathbb{E} 06'34	
evening max el	-4220 Aug 14 j 07:08	13° \mathbb{Q} 05'55	24°50'55	evening max el	-4219 Jul 27 j 18:00	26° \mathbb{E} 37'19	26°01'03
retrograde	-4220 Aug 25 j 21:12	19° \mathbb{Q} 51'35			-4219 Jul 31 j 13:51	0° \mathbb{Q}	
evening set	-4220 Aug 31 j 13:40	17° \mathbb{Q} 25'38		retrograde	-4219 Aug 09 j 05:18	3° \mathbb{Q} 45'09	
min. Earth dist.	-4220 Sep 05 j 03:01	12° \mathbb{Q} 12'28	0.67091 AU	evening set	-4219 Aug 15 j 12:22	1° \mathbb{Q} 04'35	
inferior conj	-4220 Sep 05 j 22:30	11° \mathbb{Q} 07'44	-1°18'20		-4219 Aug 16 j 15:57	30° \mathbb{R} \mathbb{E}	
minimum elong	-4220 Sep 06 j 00:19	11° \mathbb{Q} 01'42	1°17'28	min. Earth dist.	-4219 Aug 19 j 17:23	26° \mathbb{E} 29'06	0.66468 AU
asc. node	-4220 Sep 09 j 20:03	6° \mathbb{Q} 26'08		inferior conj	-4219 Aug 21 j 00:33	24° \mathbb{E} 50'47	-2°09'19
morning rise	-4220 Sep 11 j 10:58	5° \mathbb{Q} 03'58		minimum elong	-4219 Aug 21 j 03:27	24° \mathbb{E} 41'40	2°08'05
direct	-4220 Sep 15 j 01:47	3° \mathbb{Q} 48'17		morning rise	-4219 Aug 26 j 18:39	18° \mathbb{E} 57'16	
morning max el	-4220 Sep 22 j 17:46	8° \mathbb{Q} 15'22	20°03'35	asc. node	-4219 Aug 27 j 17:10	18° \mathbb{E} 27'27	
	-4220 Oct 08 j 18:15	0° \mathbb{P}		direct	-4219 Aug 30 j 00:05	17° \mathbb{E} 57'15	
morning set	-4220 Oct 19 j 03:38	15° \mathbb{P} 54'32		morning max el	-4219 Sep 06 j 00:07	21° \mathbb{E} 55'19	19°06'45
desc. node	-4220 Oct 22 j 11:14	21° \mathbb{P} 04'01			-4219 Sep 12 j 10:49	0° \mathbb{Q}	
	-4220 Oct 28 j 03:35	0° \mathbb{U}		morning set	-4219 Sep 28 j 12:59	24° \mathbb{Q} 44'45	
max. Earth dist.	-4220 Oct 30 j 13:51	3° \mathbb{U} 51'47	1.43849 AU		-4219 Oct 01 j 21:07	0° \mathbb{P}	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-4219 Oct 09 j 08:08	11° \mathbb{M} 43'55		behind sun begin	-4218 Sep 23 j 20:00	28° Ω 42'20	
max. Earth dist.	-4219 Oct 13 j 05:53	17° \mathbb{M} 53'18	1.44676 AU	behind sun end	-4218 Sep 24 j 08:06	29° Ω 30'12	
					-4218 Sep 24 j 15:38	0° \mathbb{M}	
superior conj	-4219 Oct 15 j 00:39	20° \mathbb{M} 42'15	-0°35'30	max. Earth dist.	-4218 Sep 26 j 00:26	2° \mathbb{M} 09'26	1.44781 AU
minimum elong	-4219 Oct 14 j 20:11	20° \mathbb{M} 24'35	0°34'54	desc. node	-4218 Sep 26 j 05:04	2° \mathbb{M} 27'44	
	-4219 Oct 20 j 20:56	0° Ω		evening rise	-4218 Oct 10 j 11:47	24° \mathbb{M} 54'17	
evening rise	-4219 Oct 30 j 05:10	15° Ω 06'26			-4218 Oct 13 j 17:37	0° Ω	
	-4219 Nov 08 j 08:30	0° \mathbb{M}		greatest brilliancy	-4218 Oct 20 j 14:59	10° Ω 45'41	-0.8m
evening max el	-4219 Nov 19 j 09:48	15° \mathbb{M} 30'11	18°39'11	evening max el	-4218 Nov 02 j 19:03	28° Ω 56'26	19°20'45
asc. node	-4219 Nov 23 j 16:00	18° \mathbb{M} 42'30			-4218 Nov 03 j 21:00	0° \mathbb{M}	
retrograde	-4219 Nov 26 j 02:24	19° \mathbb{M} 14'51		retrograde	-4218 Nov 09 j 22:14	3° \mathbb{M} 03'11	
evening set	-4219 Nov 29 j 03:11	18° \mathbb{M} 23'11		asc. node	-4218 Nov 10 j 13:08	3° \mathbb{M} 00'58	
inferior conj	-4219 Dec 05 j 00:39	12° \mathbb{M} 44'25	3°15'40	evening set	-4218 Nov 13 j 05:51	1° \mathbb{M} 59'03	
minimum elong	-4219 Dec 04 j 21:29	12° \mathbb{M} 53'52	3°14'46		-4218 Nov 15 j 14:15	30° \mathbb{R} Ω	
min. Earth dist.	-4219 Dec 06 j 20:57	10° \mathbb{M} 32'36	0.64782 AU	inferior conj	-4218 Nov 18 j 21:15	26° Ω 05'27	2°35'31
morning rise	-4219 Dec 10 j 15:25	6° \mathbb{M} 39'10		minimum elong	-4218 Nov 18 j 18:14	26° Ω 15'05	2°34'30
direct	-4219 Dec 17 j 10:00	3° \mathbb{M} 48'05		min. Earth dist.	-4218 Nov 20 j 03:44	24° Ω 27'55	0.65939 AU
morning max el	-4219 Dec 30 j 16:15	11° \mathbb{M} 26'03	27°07'12	morning rise	-4218 Nov 24 j 06:23	19° Ω 54'07	
desc. node	-4218 Jan 05 j 08:01	17° \mathbb{M} 41'18		direct	-4218 Nov 30 j 12:52	17° Ω 10'16	
	-4218 Jan 14 j 13:02	0° \mathbb{X}		morning max el	-4218 Dec 13 j 01:55	24° Ω 32'08	26°08'14
	-4218 Feb 01 j 13:51	0° \mathbb{Z}			-4218 Dec 18 j 01:19	0° \mathbb{M}	
morning set	-4218 Feb 04 j 04:44	4° \mathbb{Z} 59'44		desc. node	-4218 Dec 23 j 05:00	6° \mathbb{M} 29'26	
max. Earth dist.	-4218 Feb 08 j 20:29	14° \mathbb{Z} 15'59	1.34140 AU		-4217 Jan 07 j 23:14	0° \mathbb{X}	
				morning set	-4217 Jan 18 j 06:14	18° \mathbb{X} 01'19	
superior conj	-4218 Feb 12 j 09:11	21° \mathbb{Z} 34'52	-1°09'06	max. Earth dist.	-4217 Jan 22 j 06:49	25° \mathbb{X} 40'33	1.35508 AU
minimum elong	-4218 Feb 12 j 12:00	21° \mathbb{Z} 49'35	1°08'49		-4217 Jan 24 j 11:37	0° \mathbb{Z}	
	-4218 Feb 16 j 08:44	0° \approx					
evening rise	-4218 Feb 19 j 17:58	7° \approx 07'52		superior conj	-4217 Jan 27 j 06:36	5° \mathbb{Z} 36'52	-1°29'34
asc. node	-4218 Feb 19 j 15:11	6° \approx 53'19		minimum elong	-4217 Jan 27 j 09:43	5° \mathbb{Z} 52'42	1°29'23
	-4218 Mar 04 j 03:52	0° \mathbb{X}		evening rise	-4217 Feb 04 j 01:19	21° \mathbb{Z} 38'34	
evening max el	-4218 Mar 12 j 08:39	10° \mathbb{X} 08'51	21°47'18	asc. node	-4217 Feb 06 j 12:13	26° \mathbb{Z} 36'35	
retrograde	-4218 Mar 24 j 16:36	16° \mathbb{X} 05'54			-4217 Feb 08 j 05:37	0° \approx	
evening set	-4218 Mar 27 j 08:51	15° \mathbb{X} 49'52		evening max el	-4217 Feb 22 j 13:35	21° \approx 26'16	20°25'56
desc. node	-4218 Apr 03 j 06:56	13° \mathbb{X} 06'51		retrograde	-4217 Mar 05 j 07:02	26° \approx 32'04	
inferior conj	-4218 Apr 05 j 17:05	11° \mathbb{X} 46'26	-0°40'09	evening set	-4217 Mar 07 j 14:52	26° \approx 18'41	
minimum elong	-4218 Apr 05 j 15:12	11° \mathbb{X} 49'03	0°39'35	inferior conj	-4217 Mar 16 j 13:37	22° \approx 20'12	1°15'09
min. Earth dist.	-4218 Apr 05 j 13:31	11° \mathbb{X} 51'25	0.55200 AU	minimum elong	-4217 Mar 16 j 16:50	22° \approx 15'28	1°13'58
morning rise	-4218 Apr 14 j 22:18	7° \mathbb{X} 45'43		min. Earth dist.	-4217 Mar 18 j 03:32	21° \approx 24'30	0.55459 AU
direct	-4218 Apr 17 j 16:51	7° \mathbb{X} 28'38		desc. node	-4217 Mar 21 j 04:05	19° \approx 45'00	
morning max el	-4218 Apr 29 j 21:47	13° \mathbb{X} 15'58	21°42'02	morning rise	-4217 Mar 25 j 17:19	17° \approx 59'20	
	-4218 May 12 j 06:11	0° \mathbb{Y}		direct	-4217 Mar 29 j 06:07	17° \approx 32'08	
asc. node	-4218 May 18 j 14:52	12° \mathbb{Y} 03'05		morning max el	-4217 Apr 11 j 17:41	24° \approx 08'53	23°18'34
morning set	-4218 May 20 j 12:21	15° \mathbb{Y} 55'46			-4217 Apr 17 j 00:38	0° \mathbb{X}	
	-4218 May 27 j 05:20	0° \mathbb{Z}		morning set	-4217 May 04 j 23:46	0° \mathbb{Y} 54'42	
					-4217 May 04 j 13:17	0° \mathbb{Y}	
superior conj	-4218 May 27 j 21:16	1° \mathbb{Z} 23'09	1°22'53	asc. node	-4217 May 05 j 11:51	1° \mathbb{Y} 58'01	
minimum elong	-4218 May 27 j 18:34	1° \mathbb{Z} 09'04	1°22'37				
max. Earth dist.	-4218 May 31 j 10:56	8° \mathbb{Z} 43'53	1.34913 AU	superior conj	-4217 May 12 j 02:55	16° \mathbb{Y} 07'36	1°03'51
evening rise	-4218 Jun 05 j 01:58	17° \mathbb{Z} 51'59		minimum elong	-4217 May 12 j 00:29	15° \mathbb{Y} 54'35	1°03'29
	-4218 Jun 11 j 16:13	0° \mathbb{I}		max. Earth dist.	-4217 May 14 j 10:51	21° \mathbb{Y} 04'18	1.33802 AU
desc. node	-4218 Jun 30 j 05:35	28° \mathbb{I} 32'58			-4217 May 18 j 18:46	0° \mathbb{Z}	
	-4218 Jul 01 j 08:28	0° \mathbb{E}		evening rise	-4217 May 19 j 17:50	1° \mathbb{Z} 55'22	
evening max el	-4218 Jul 10 j 05:24	10° \mathbb{E} 04'52	26°53'57		-4217 Jun 04 j 13:46	0° \mathbb{I}	
retrograde	-4218 Jul 23 j 08:19	17° \mathbb{E} 24'51		desc. node	-4217 Jun 17 j 02:42	17° \mathbb{I} 17'19	
evening set	-4218 Jul 30 j 03:43	14° \mathbb{E} 36'52		evening max el	-4217 Jun 22 j 16:14	23° \mathbb{I} 17'06	27°22'13
min. Earth dist.	-4218 Aug 03 j 01:07	10° \mathbb{E} 39'59	0.65478 AU		-4217 Jul 02 j 10:29	0° \mathbb{E}	
inferior conj	-4218 Aug 04 j 21:26	8° \mathbb{E} 30'11	-2°56'11	retrograde	-4217 Jul 06 j 05:51	0° \mathbb{E} 41'41	
minimum elong	-4218 Aug 05 j 01:02	8° \mathbb{E} 19'36	2°54'54		-4217 Jul 09 j 20:36	30° \mathbb{R} \mathbb{I}	
morning rise	-4218 Aug 10 j 22:43	2° \mathbb{E} 50'15		evening set	-4217 Jul 13 j 08:39	27° \mathbb{I} 57'31	
direct	-4218 Aug 13 j 21:01	2° \mathbb{E} 02'48		min. Earth dist.	-4217 Jul 17 j 00:14	24° \mathbb{I} 36'06	0.64103 AU
asc. node	-4218 Aug 14 j 14:16	2° \mathbb{E} 05'39		inferior conj	-4217 Jul 19 j 10:37	22° \mathbb{I} 00'28	-3°36'15
morning max el	-4218 Aug 20 j 11:47	5° \mathbb{E} 40'48	18°25'59	minimum elong	-4217 Jul 19 j 14:17	21° \mathbb{I} 50'41	3°35'15
	-4218 Sep 06 j 00:41	0° Ω		morning rise	-4217 Jul 25 j 20:39	16° \mathbb{I} 37'15	
morning set	-4218 Sep 08 j 23:57	4° Ω 51'14		direct	-4217 Jul 28 j 13:57	15° \mathbb{I} 59'33	
				asc. node	-4217 Aug 01 j 11:20	17° \mathbb{I} 16'06	
superior conj	-4218 Sep 24 j 00:15	28° Ω 59'09	0°13'55	morning max el	-4217 Aug 04 j 02:15	19° \mathbb{I} 26'11	18°02'22
minimum elong	-4218 Sep 24 j 02:03	29° Ω 06'16	0°13'48		-4217 Aug 11 j 21:58	0° \mathbb{E}	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning set	-4217 Aug 21 j 13:28	16° \mathfrak{D} 13'13		asc. node	-4216 Jul 18 j 08:23	3° \mathfrak{H} 45'46	
	-4217 Aug 29 j 17:04	0° \mathfrak{Q}		morning set	-4216 Aug 03 j 00:58	28° \mathfrak{H} 38'31	
					-4216 Aug 03 j 19:08	0° \mathfrak{D}	
superior conj	-4217 Sep 03 j 13:36	7° \mathfrak{Q} 59'24	0°58'05	superior conj	-4216 Aug 14 j 05:27	18° \mathfrak{D} 18'49	1°28'50
minimum elong	-4217 Sep 03 j 19:15	8° \mathfrak{Q} 22'23	0°57'34	minimum elong	-4216 Aug 14 j 10:28	18° \mathfrak{D} 40'14	1°28'35
max. Earth dist.	-4217 Sep 08 j 17:17	16° \mathfrak{Q} 17'27	1.44162 AU	max. Earth dist.	-4216 Aug 21 j 05:47	0° \mathfrak{Q} 00'34	1.42919 AU
desc. node	-4217 Sep 13 j 02:01	23° \mathfrak{Q} 11'55			-4216 Aug 21 j 05:39	0° \mathfrak{Q}	
	-4217 Sep 17 j 10:29	0° \mathfrak{H}		evening rise	-4216 Aug 29 j 01:57	12° \mathfrak{Q} 31'30	
evening rise	-4217 Sep 19 j 21:30	3° \mathfrak{H} 48'42		desc. node	-4216 Aug 29 j 22:59	13° \mathfrak{Q} 53'31	
	-4217 Oct 07 j 06:57	0° \mathfrak{Q}			-4216 Sep 09 j 13:21	0° \mathfrak{H}	
evening max el	-4217 Oct 16 j 23:18	12° \mathfrak{Q} 22'31	20°17'38	evening max el	-4216 Sep 28 j 21:29	25° \mathfrak{H} 48'08	21°27'08
retrograde	-4217 Oct 24 j 19:30	16° \mathfrak{Q} 59'11			-4216 Oct 04 j 02:39	0° \mathfrak{Q}	
asc. node	-4217 Oct 28 j 10:15	15° \mathfrak{Q} 43'24		retrograde	-4216 Oct 07 j 16:06	1° \mathfrak{Q} 00'29	
evening set	-4217 Oct 28 j 12:07	15° \mathfrak{Q} 40'06			-4216 Oct 10 j 23:24	30° \mathfrak{H}	
inferior conj	-4217 Nov 02 j 23:12	9° \mathfrak{Q} 35'08	1°48'59	evening set	-4216 Oct 11 j 19:59	29° \mathfrak{H} 23'57	
minimum elong	-4217 Nov 02 j 20:52	9° \mathfrak{Q} 42'56	1°48'06	asc. node	-4216 Oct 14 j 07:22	26° \mathfrak{H} 56'43	
min. Earth dist.	-4217 Nov 03 j 17:29	8° \mathfrak{Q} 33'44	0.66748 AU	inferior conj	-4216 Oct 17 j 04:23	23° \mathfrak{H} 11'07	0°58'23
morning rise	-4217 Nov 08 j 05:26	3° \mathfrak{Q} 20'13		minimum elong	-4216 Oct 17 j 03:04	23° \mathfrak{H} 15'40	0°57'52
direct	-4217 Nov 13 j 21:17	0° \mathfrak{Q} 52'03		min. Earth dist.	-4216 Oct 17 j 11:45	22° \mathfrak{H} 45'46	0.67236 AU
morning max el	-4217 Nov 25 j 10:45	7° \mathfrak{Q} 44'55	24°50'59	morning rise	-4216 Oct 22 j 09:59	16° \mathfrak{H} 55'31	
desc. node	-4217 Dec 10 j 01:58	25° \mathfrak{Q} 56'26		direct	-4216 Oct 27 j 10:39	14° \mathfrak{H} 47'33	
	-4217 Dec 12 j 21:46	0° \mathfrak{H}		morning max el	-4216 Nov 06 j 20:01	21° \mathfrak{H} 00'04	23°25'17
morning set	-4217 Dec 31 j 13:04	0° \mathfrak{H} 02'39			-4216 Nov 14 j 13:07	0° \mathfrak{Q}	
	-4217 Dec 31 j 12:28	0° \mathfrak{H}		desc. node	-4216 Nov 25 j 22:55	15° \mathfrak{Q} 51'12	
max. Earth dist.	-4216 Jan 04 j 06:34	6° \mathfrak{H} 46'25	1.37283 AU		-4216 Dec 05 j 04:29	0° \mathfrak{H}	
				morning set	-4216 Dec 11 j 19:03	10° \mathfrak{H} 47'46	
superior conj	-4216 Jan 10 j 18:05	19° \mathfrak{H} 04'14	-1°45'19	max. Earth dist.	-4216 Dec 16 j 02:04	18° \mathfrak{H} 08'30	1.39322 AU
minimum elong	-4216 Jan 10 j 20:40	19° \mathfrak{H} 16'50	1°45'19		-4216 Dec 22 j 16:37	0° \mathfrak{H}	
	-4216 Jan 16 j 06:10	0° \mathfrak{Q}		superior conj	-4216 Dec 23 j 15:33	1° \mathfrak{H} 46'15	-1°53'44
evening rise	-4216 Jan 19 j 03:27	5° \mathfrak{Q} 47'26		minimum elong	-4216 Dec 23 j 16:22	1° \mathfrak{H} 50'01	1°53'53
asc. node	-4216 Jan 24 j 09:16	15° \mathfrak{Q} 59'12		evening rise	-4215 Jan 01 j 21:49	19° \mathfrak{H} 27'57	
	-4216 Feb 02 j 04:34	0° \mathfrak{H}			-4215 Jan 07 j 11:25	0° \mathfrak{Q}	
evening max el	-4216 Feb 05 j 05:08	3° \mathfrak{H} 19'49	19°21'55	asc. node	-4215 Jan 10 j 06:18	4° \mathfrak{Q} 53'58	
retrograde	-4216 Feb 14 j 07:33	7° \mathfrak{H} 39'34		evening max el	-4215 Jan 18 j 06:04	15° \mathfrak{Q} 46'37	18°37'30
evening set	-4216 Feb 16 j 16:01	7° \mathfrak{H} 23'30		retrograde	-4215 Jan 26 j 01:33	19° \mathfrak{Q} 34'20	
inferior conj	-4216 Feb 24 j 22:28	3° \mathfrak{H} 15'16	2°47'28	evening set	-4215 Jan 28 j 13:16	19° \mathfrak{Q} 12'39	
minimum elong	-4216 Feb 25 j 03:31	3° \mathfrak{H} 06'53	2°46'03	inferior conj	-4215 Feb 05 j 02:50	14° \mathfrak{Q} 45'51	3°42'32
min. Earth dist.	-4216 Feb 27 j 18:29	1° \mathfrak{H} 23'09	0.56579 AU	minimum elong	-4215 Feb 05 j 06:09	14° \mathfrak{Q} 39'27	3°41'54
	-4216 Mar 01 j 01:40	30° \mathfrak{H}		min. Earth dist.	-4215 Feb 08 j 11:31	12° \mathfrak{Q} 11'49	0.58315 AU
morning rise	-4216 Mar 04 j 12:21	28° \mathfrak{Q} 24'25		morning rise	-4215 Feb 12 j 20:39	9° \mathfrak{Q} 28'16	
desc. node	-4216 Mar 07 j 01:12	27° \mathfrak{Q} 44'15		direct	-4215 Feb 18 j 19:04	8° \mathfrak{Q} 00'09	
direct	-4216 Mar 09 j 05:53	27° \mathfrak{Q} 33'01		desc. node	-4215 Feb 21 j 22:19	8° \mathfrak{Q} 24'26	
	-4216 Mar 17 j 07:08	0° \mathfrak{H}		morning max el	-4215 Mar 05 j 01:13	15° \mathfrak{Q} 30'02	26°21'28
morning max el	-4216 Mar 23 j 08:51	4° \mathfrak{H} 44'43	24°56'40		-4215 Mar 16 j 18:45	0° \mathfrak{H}	
	-4216 Apr 10 j 09:14	0° \mathfrak{H}		morning set	-4215 Apr 02 j 23:24	0° \mathfrak{H} 57'43	
morning set	-4216 Apr 18 j 12:02	15° \mathfrak{H} 57'48			-4215 Apr 02 j 12:21	0° \mathfrak{H}	
asc. node	-4216 Apr 21 j 08:50	22° \mathfrak{H} 04'17		asc. node	-4215 Apr 08 j 05:48	12° \mathfrak{H} 16'19	
	-4216 Apr 25 j 00:32	0° \mathfrak{Y}		superior conj	-4215 Apr 09 j 23:50	16° \mathfrak{H} 06'07	0°18'11
superior conj	-4216 Apr 25 j 12:26	1° \mathfrak{Y} 04'36	0°41'58	minimum elong	-4215 Apr 09 j 23:02	16° \mathfrak{H} 01'46	0°17'58
minimum elong	-4216 Apr 25 j 10:41	0° \mathfrak{Y} 55'06	0°41'37	max. Earth dist.	-4215 Apr 10 j 07:02	16° \mathfrak{H} 45'29	1.32653 AU
max. Earth dist.	-4216 Apr 26 j 18:37	3° \mathfrak{Y} 48'06	1.33053 AU		-4215 Apr 16 j 10:39	0° \mathfrak{Y}	
evening rise	-4216 May 02 j 18:25	16° \mathfrak{Y} 26'17		evening rise	-4215 Apr 17 j 00:48	1° \mathfrak{Y} 13'50	
	-4216 May 09 j 18:08	0° \mathfrak{H}			-4215 May 02 j 19:50	0° \mathfrak{H}	
	-4216 May 29 j 10:14	0° \mathfrak{H}		evening max el	-4215 May 17 j 04:13	18° \mathfrak{H} 11'02	26°45'30
desc. node	-4216 Jun 02 j 23:48	5° \mathfrak{H} 02'10		desc. node	-4215 May 20 j 20:55	21° \mathfrak{H} 21'21	
evening max el	-4216 Jun 04 j 00:37	6° \mathfrak{H} 03'04	27°20'15	retrograde	-4215 May 31 j 05:13	25° \mathfrak{H} 31'23	
retrograde	-4216 Jun 17 j 21:21	13° \mathfrak{H} 27'08		evening set	-4215 Jun 06 j 20:12	23° \mathfrak{H} 36'38	
evening set	-4216 Jun 24 j 23:34	11° \mathfrak{H} 00'55		min. Earth dist.	-4215 Jun 10 j 17:43	20° \mathfrak{H} 54'22	0.60389 AU
min. Earth dist.	-4216 Jun 28 j 13:43	8° \mathfrak{H} 06'13	0.62372 AU	inferior conj	-4215 Jun 14 j 01:45	18° \mathfrak{H} 07'58	-4°17'37
inferior conj	-4216 Jul 01 j 13:14	5° \mathfrak{H} 16'13	-4°05'27	minimum elong	-4215 Jun 14 j 02:02	18° \mathfrak{H} 07'23	4°17'29
minimum elong	-4216 Jul 01 j 15:54	5° \mathfrak{H} 09'52	4°04'57	morning rise	-4215 Jun 21 j 09:51	13° \mathfrak{H} 25'05	
morning rise	-4216 Jul 08 j 09:32	0° \mathfrak{H} 12'13		direct	-4215 Jun 23 j 22:33	13° \mathfrak{H} 00'29	
	-4216 Jul 08 j 23:52	30° \mathfrak{H}		morning max el	-4215 Jul 01 j 04:49	16° \mathfrak{H} 32'44	18°10'28
direct	-4216 Jul 10 j 23:46	29° \mathfrak{H} 41'55		asc. node	-4215 Jul 05 j 05:26	21° \mathfrak{H} 18'05	
	-4216 Jul 12 j 23:07	0° \mathfrak{H}					
morning max el	-4216 Jul 17 j 16:54	3° \mathfrak{H} 06'17	17°56'51				

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4215 Jul 10 j 17:08	0°♄		min. Earth dist.	-4214 May 23 j 13:56	2°♄47'08	0.58365 AU
morning set	-4215 Jul 17 j 05:00	11°♄52'37		inferior conj	-4214 May 26 j 20:31	0°♄25'56	-4°03'53
				minimum elong	-4214 May 26 j 17:22	0°♄31'40	4°03'27
superior conj	-4215 Jul 26 j 23:50	29°♄57'20	1°45'06		-4214 May 27 j 10:54	30°♄47'08	
minimum elong	-4215 Jul 27 j 02:13	0°♄08'01	1°45'11	morning rise	-4214 Jun 03 j 18:04	26°♄04'30	
	-4215 Jul 27 j 00:26	0°♄		direct	-4214 Jun 06 j 05:58	25°♄44'30	
max. Earth dist.	-4215 Aug 03 j 12:56	13°♄06'30	1.41216 AU	morning max el	-4214 Jun 14 j 11:10	29°♄37'05	18°44'06
evening rise	-4215 Aug 08 j 21:02	21°♄56'42			-4214 Jun 14 j 20:42	0°♄	
	-4215 Aug 13 j 22:28	0°♄		asc. node	-4214 Jun 22 j 02:27	9°♄39'01	
desc. node	-4215 Aug 16 j 19:57	4°♄28'51		morning set	-4214 Jun 30 j 21:03	25°♄43'55	
	-4215 Sep 03 j 16:43	0°♄			-4214 Jul 03 j 01:36	0°♄	
evening max el	-4215 Sep 11 j 13:51	9°♄13'53	22°45'11				
retrograde	-4215 Sep 21 j 10:26	15°♄04'37		superior conj	-4214 Jul 09 j 15:36	12°♄41'06	1°49'13
evening set	-4215 Sep 26 j 03:38	13°♄08'43		minimum elong	-4214 Jul 09 j 15:27	12°♄40'22	1°49'24
inferior conj	-4215 Oct 01 j 10:57	6°♄51'25	0°05'32	max. Earth dist.	-4214 Jul 16 j 15:41	25°♄30'24	1.39281 AU
minimum elong	-4215 Oct 01 j 10:49	6°♄51'52	0°05'33		-4214 Jul 19 j 05:20	0°♄	
transit middle	-4215 Oct 01 j 10:49	6°♄51'52	0°05'33	evening rise	-4214 Jul 20 j 17:27	2°♄34'55	
transit begin	-4215 Oct 01 j 08:16	7°♄00'38		desc. node	-4214 Aug 03 j 16:57	24°♄53'32	
transit end	-4215 Oct 01 j 13:21	6°♄43'07			-4214 Aug 07 j 04:22	0°♄	
asc. node	-4215 Oct 01 j 04:29	7°♄13'43		evening max el	-4214 Aug 25 j 02:03	22°♄41'10	24°05'58
min. Earth dist.	-4215 Oct 01 j 08:01	7°♄01'30	0.67420 AU	retrograde	-4214 Sep 05 j 01:23	29°♄08'25	
morning rise	-4215 Oct 06 j 17:51	0°♄38'09		evening set	-4214 Sep 10 j 09:20	26°♄52'45	
	-4215 Oct 07 j 14:42	30°♄09'00		min. Earth dist.	-4214 Sep 15 j 03:49	21°♄19'18	0.67304 AU
direct	-4215 Oct 11 j 04:05	28°♄51'41		inferior conj	-4214 Sep 15 j 17:08	20°♄34'13	-0°47'56
	-4215 Oct 15 j 00:53	0°♄		minimum elong	-4214 Sep 15 j 18:15	20°♄30'26	0°47'21
morning max el	-4215 Oct 20 j 08:54	4°♄19'38	22°00'15	asc. node	-4214 Sep 18 j 01:37	17°♄29'56	
	-4215 Nov 08 j 18:23	0°♄		morning rise	-4214 Sep 21 j 03:07	14°♄26'19	
desc. node	-4215 Nov 12 j 19:51	6°♄05'34		direct	-4214 Sep 25 j 00:26	13°♄00'13	
morning set	-4215 Nov 21 j 20:22	20°♄09'33		morning max el	-4214 Oct 03 j 04:14	17°♄47'06	20°42'48
	-4215 Nov 27 j 20:56	0°♄			-4214 Oct 12 j 21:42	0°♄	
max. Earth dist.	-4215 Nov 28 j 01:26	0°♄18'48	1.41355 AU	desc. node	-4214 Oct 30 j 16:45	26°♄33'12	
				morning set	-4214 Oct 31 j 23:04	28°♄30'47	
superior conj	-4215 Dec 05 j 17:45	13°♄29'23	-1°51'27		-4214 Nov 01 j 21:58	0°♄	
minimum elong	-4215 Dec 05 j 15:23	13°♄19'00	1°51'29	max. Earth dist.	-4214 Nov 10 j 08:19	13°♄23'13	1.43088 AU
	-4215 Dec 14 j 20:12	0°♄					
evening rise	-4215 Dec 16 j 05:14	2°♄32'59		superior conj	-4214 Nov 16 j 18:53	23°♄58'47	-1°34'41
asc. node	-4215 Dec 28 j 03:22	23°♄12'03		minimum elong	-4214 Nov 16 j 12:59	23°♄34'09	1°34'17
evening max el	-4214 Jan 01 j 13:50	28°♄39'04	18°13'09		-4214 Nov 20 j 08:24	0°♄	
	-4214 Jan 03 j 02:24	0°♄		evening rise	-4214 Nov 28 j 21:41	14°♄53'24	
retrograde	-4214 Jan 08 j 13:41	2°♄10'27			-4214 Dec 07 j 14:16	0°♄	
evening set	-4214 Jan 11 j 04:20	1°♄41'52		asc. node	-4214 Dec 15 j 00:28	10°♄41'35	
	-4214 Jan 14 j 07:57	30°♄09'00		evening max el	-4214 Dec 16 j 01:25	11°♄48'06	18°08'30
inferior conj	-4214 Jan 18 j 03:16	26°♄53'12	4°03'03	retrograde	-4214 Dec 22 j 15:59	15°♄16'36	
minimum elong	-4214 Jan 18 j 03:44	26°♄52'09	4°02'50	evening set	-4214 Dec 25 j 09:37	14°♄40'15	
min. Earth dist.	-4214 Jan 21 j 09:31	23°♄59'52	0.60312 AU	inferior conj	-4214 Dec 31 j 20:44	9°♄30'19	3°57'45
morning rise	-4214 Jan 25 j 01:35	21°♄16'09		minimum elong	-4214 Dec 31 j 18:58	9°♄34'50	3°57'24
direct	-4214 Jan 31 j 19:28	19°♄09'51		min. Earth dist.	-4213 Jan 03 j 15:49	6°♄40'27	0.62256 AU
desc. node	-4214 Feb 08 j 19:24	21°♄48'58		morning rise	-4213 Jan 07 j 03:23	3°♄39'20	
morning max el	-4214 Feb 14 j 23:10	26°♄48'15	27°19'16	direct	-4213 Jan 14 j 04:50	1°♄04'07	
	-4214 Feb 18 j 00:28	0°♄		desc. node	-4213 Jan 26 j 16:27	7°♄24'32	
	-4214 Mar 10 j 05:40	0°♄		morning max el	-4213 Jan 28 j 03:25	8°♄47'19	27°42'11
morning set	-4214 Mar 18 j 08:06	15°♄48'07			-4213 Feb 13 j 13:52	0°♄	
	-4214 Mar 24 j 23:21	0°♄			-4213 Mar 02 j 07:50	0°♄	
				morning set	-4213 Mar 02 j 12:04	0°♄21'27	
superior conj	-4214 Mar 25 j 11:29	1°♄06'17	-0°06'40	max. Earth dist.	-4213 Mar 08 j 06:53	12°♄29'18	1.32881 AU
minimum elong	-4214 Mar 25 j 11:47	1°♄07'57	0°06'42				
behind sun begin	-4214 Mar 25 j 07:12	0°♄42'55		superior conj	-4213 Mar 09 j 21:42	15°♄58'58	-0°31'42
behind sun end	-4214 Mar 25 j 16:21	1°♄32'58		minimum elong	-4213 Mar 09 j 23:07	16°♄06'38	0°31'32
max. Earth dist.	-4214 Mar 24 j 20:25	29°♄43'58	1.32594 AU	asc. node	-4213 Mar 12 j 23:48	22°♄41'14	
asc. node	-4214 Mar 26 j 02:48	2°♄30'03			-4213 Mar 16 j 09:30	0°♄	
evening rise	-4214 Apr 01 j 10:44	16°♄09'58		evening rise	-4213 Mar 16 j 22:15	1°♄07'24	
	-4214 Apr 08 j 09:32	0°♄			-4213 Apr 01 j 23:56	0°♄	
evening max el	-4214 Apr 29 j 01:30	29°♄36'30	25°40'20	evening max el	-4213 Apr 10 j 17:56	10°♄28'44	24°13'51
	-4214 Apr 29 j 11:27	0°♄		retrograde	-4213 Apr 24 j 14:23	17°♄26'23	
desc. node	-4214 May 07 j 18:04	5°♄41'22		desc. node	-4213 Apr 24 j 15:13	17°♄26'23	
retrograde	-4214 May 13 j 03:30	6°♄49'51		evening set	-4213 Apr 28 j 22:50	16°♄44'01	
evening set	-4214 May 18 j 19:24	5°♄33'26		min. Earth dist.	-4213 May 05 j 05:40	13°♄39'26	0.56606 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

inferior conj	-4213 May 07 j 19:14	12° Υ 02'50	-3°14'14	minimum elong	-4212 Apr 16 j 19:19	23° X 06'41	1°43'27
minimum elong	-4213 May 07 j 13:29	12° Υ 11'54	3°12'53	morning rise	-4212 Apr 26 j 00:36	19° X 02'58	
morning rise	-4213 May 16 j 07:16	7° Υ 59'06		direct	-4212 Apr 28 j 13:53	18° X 47'46	
direct	-4213 May 18 j 18:33	7° Υ 42'46		morning max el	-4212 May 09 j 21:01	24° X 04'48	20°51'59
morning max el	-4213 May 28 j 09:17	12° Υ 10'35	19°38'13		-4212 May 15 j 02:17	0° Υ	
asc. node	-4213 Jun 08 j 23:29	28° Υ 37'17		asc. node	-4212 May 25 j 20:30	18° Υ 03'11	
	-4213 Jun 09 j 17:29	0° Z		morning set	-4212 May 29 j 04:11	24° Υ 43'28	
morning set	-4213 Jun 14 j 21:42	10° Z 03'36			-4212 May 31 j 17:28	0° Z	
superior conj	-4213 Jun 22 j 23:13	26° Z 14'40	1°44'04	superior conj	-4212 Jun 05 j 17:58	10° Z 23'43	1°32'07
minimum elong	-4213 Jun 22 j 21:23	26° Z 05'40	1°44'07	minimum elong	-4212 Jun 05 j 15:22	10° Z 10'24	1°31'57
	-4213 Jun 24 j 21:14	0° II		max. Earth dist.	-4212 Jun 10 j 02:26	19° Z 09'20	1.35705 AU
max. Earth dist.	-4213 Jun 28 j 18:10	7° II 22'53	1.37371 AU	evening rise	-4212 Jun 14 j 09:17	27° Z 24'03	
evening rise	-4213 Jul 02 j 15:10	14° II 28'24			-4212 Jun 15 j 18:50	0° II	
	-4213 Jul 11 j 18:01	0° E			-4212 Jul 04 j 01:26	0° E	
desc. node	-4213 Jul 21 j 14:01	15° E 02'17		desc. node	-4212 Jul 07 j 11:06	4° E 46'59	
	-4213 Aug 01 j 20:57	0° O		evening max el	-4212 Jul 19 j 23:33	19° E 41'38	26°26'08
evening max el	-4213 Aug 07 j 12:40	6° O 11'27	25°22'16	retrograde	-4212 Aug 01 j 18:29	26° E 56'48	
retrograde	-4213 Aug 19 j 12:19	13° O 08'05		evening set	-4212 Aug 08 j 07:09	24° E 11'47	
evening set	-4213 Aug 25 j 11:14	10° O 34'55		min. Earth dist.	-4212 Aug 12 j 08:42	19° E 52'48	0.66087 AU
min. Earth dist.	-4213 Aug 29 j 20:50	5° O 37'50	0.66870 AU	inferior conj	-4212 Aug 13 j 21:21	18° E 00'24	-2°29'51
inferior conj	-4213 Aug 30 j 21:15	4° O 18'21	-1°40'19	minimum elong	-4212 Aug 14 j 00:37	17° E 50'25	2°28'34
minimum elong	-4213 Aug 30 j 23:33	4° O 10'52	1°39'15	morning rise	-4212 Aug 19 j 18:20	12° E 12'17	
	-4213 Sep 03 j 11:47	30° R E		asc. node	-4212 Aug 21 j 19:49	11° E 24'06	
asc. node	-4213 Sep 04 j 22:43	28° E 42'28		direct	-4212 Aug 22 j 20:20	11° E 18'11	
morning rise	-4213 Sep 05 j 11:57	28° E 18'51		morning max el	-4212 Aug 29 j 15:49	15° E 07'03	18°47'23
direct	-4213 Sep 08 j 22:27	27° E 10'22			-4212 Sep 09 j 13:28	0° O	
	-4213 Sep 14 j 19:40	0° O		morning set	-4212 Sep 19 j 18:46	16° O 13'17	
morning max el	-4213 Sep 16 j 06:56	1° O 24'00	19°37'37		-4212 Sep 28 j 10:52	0° O	
	-4213 Oct 06 j 12:57	0° O		desc. node	-4212 Oct 03 j 10:38	7° O 52'32	
morning set	-4213 Oct 10 j 23:26	6° O 52'50		superior conj	-4212 Oct 05 j 18:35	11° O 32'57	-0°14'44
desc. node	-4213 Oct 17 j 13:41	17° O 10'13		minimum elong	-4212 Oct 05 j 16:39	11° O 25'20	0°14'24
max. Earth dist.	-4213 Oct 23 j 21:36	27° O 08'50	1.44288 AU	behind sun begin	-4212 Oct 05 j 11:12	11° O 03'51	
	-4213 Oct 25 j 16:39	0° A		behind sun end	-4212 Oct 05 j 22:06	11° O 46'49	
superior conj	-4213 Oct 27 j 16:33	3° A 11'36	-1°01'17	max. Earth dist.	-4212 Oct 05 j 14:29	11° O 16'50	1.44809 AU
minimum elong	-4213 Oct 27 j 09:58	2° A 45'11	1°00'32		-4212 Oct 17 j 10:21	0° A	
evening rise	-4213 Nov 10 j 18:36	26° A 20'24		evening rise	-4212 Oct 21 j 15:36	6° A 44'45	
	-4213 Nov 12 j 22:51	0° M			-4212 Nov 05 j 09:45	0° M	
evening max el	-4213 Nov 29 j 14:07	25° M 07'39	18°22'44	evening max el	-4212 Nov 12 j 01:19	8° M 32'57	18°54'52
asc. node	-4213 Dec 01 j 21:35	27° M 09'00		asc. node	-4212 Nov 17 j 18:40	12° M 19'01	
retrograde	-4213 Dec 06 j 03:58	28° M 43'57		retrograde	-4212 Nov 18 j 21:44	12° M 26'09	
evening set	-4213 Dec 09 j 01:34	27° M 58'33		evening set	-4212 Nov 22 j 01:05	11° M 29'39	
inferior conj	-4213 Dec 15 j 03:25	22° M 29'35	3°34'39	inferior conj	-4212 Nov 27 j 19:47	5° M 44'24	2°59'35
minimum elong	-4213 Dec 15 j 00:28	22° M 37'54	3°33'57	minimum elong	-4212 Nov 27 j 16:36	5° M 54'12	2°58'36
min. Earth dist.	-4213 Dec 17 j 08:10	20° M 00'26	0.63957 AU	min. Earth dist.	-4212 Nov 29 j 10:08	3° M 46'21	0.65320 AU
morning rise	-4213 Dec 20 j 22:49	16° M 28'29			-4212 Dec 02 j 21:06	30° R A	
direct	-4213 Dec 27 j 22:00	13° M 38'46		morning rise	-4212 Dec 03 j 07:46	29° A 36'08	
morning max el	-4212 Jan 10 j 11:51	21° M 21'51	27°29'10	direct	-4212 Dec 09 j 21:43	26° A 46'27	
desc. node	-4212 Jan 13 j 13:29	24° M 35'52			-4212 Dec 17 j 22:19	0° M	
	-4212 Jan 18 j 01:58	0° X		morning max el	-4212 Dec 22 j 21:31	4° M 19'46	26°44'51
	-4212 Feb 06 j 15:41	0° Z		desc. node	-4212 Dec 30 j 10:31	12° M 55'10	
morning set	-4212 Feb 14 j 08:40	14° Z 28'44			-4211 Jan 11 j 12:57	0° X	
max. Earth dist.	-4212 Feb 19 j 10:17	24° Z 47'29	1.33555 AU	morning set	-4211 Jan 27 j 18:28	27° X 58'59	
	-4212 Feb 21 j 21:35	0° \approx			-4211 Jan 28 j 19:42	0° Z	
superior conj	-4212 Feb 22 j 04:44	0° \approx 38'01	-0°55'57	max. Earth dist.	-4211 Feb 01 j 03:10	6° Z 30'31	1.34662 AU
minimum elong	-4212 Feb 22 j 07:07	0° \approx 50'42	0°55'41	superior conj	-4211 Feb 05 j 06:27	14° Z 56'44	-1°18'14
asc. node	-4212 Feb 27 j 20:49	12° \approx 45'31		minimum elong	-4211 Feb 05 j 09:28	15° Z 12'22	1°17'59
evening rise	-4212 Feb 29 j 09:35	15° \approx 59'33			-4211 Feb 12 j 11:08	0° \approx	
	-4212 Mar 07 j 11:09	0° X		evening rise	-4211 Feb 12 j 18:57	0° \approx 40'31	
evening max el	-4212 Mar 22 j 10:48	21° X 11'49	22°39'40	asc. node	-4211 Feb 13 j 17:50	2° \approx 38'28	
retrograde	-4212 Apr 04 j 12:59	27° X 36'17			-4211 Mar 02 j 06:52	0° X	
evening set	-4212 Apr 07 j 16:03	27° X 14'49		evening max el	-4211 Mar 04 j 10:23	2° X 13'04	21°10'56
desc. node	-4212 Apr 10 j 12:23	26° X 21'01		retrograde	-4211 Mar 16 j 02:59	7° X 48'16	
min. Earth dist.	-4212 Apr 15 j 20:06	23° X 39'59	0.55461 AU	evening set	-4211 Mar 18 j 13:50	7° X 34'24	
inferior conj	-4212 Apr 16 j 23:49	23° X 00'13	-1°44'51	inferior conj	-4211 Mar 27 j 19:26	3° X 35'36	0°09'44

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4211 Mar 27 j 19:53	3° H 34'58	0°09'29		-4210 Feb 04 j 19:28	0° \approx	
transit middle	-4211 Mar 27 j 19:53	3° H 34'58	0°09'29	evening max el	-4210 Feb 14 j 19:57	13° \approx 46'17	19°56'22
transit begin	-4211 Mar 27 j 16:36	3° H 39'37		retrograde	-4210 Feb 24 j 19:49	18° \approx 30'35	
transit end	-4211 Mar 27 j 23:10	3° H 30'19		evening set	-4210 Feb 27 j 03:32	18° \approx 16'24	
desc. node	-4211 Mar 28 j 09:31	3° H 15'39		inferior conj	-4210 Mar 07 j 19:48	14° \approx 15'28	1°58'25
min. Earth dist.	-4211 Mar 28 j 10:25	3° H 14'21	0.55191 AU	minimum elong	-4210 Mar 08 j 00:19	14° \approx 08'31	1°56'55
	-4211 Apr 04 j 03:27	30° R \approx		min. Earth dist.	-4210 Mar 10 j 00:34	12° \approx 54'45	0.55849 AU
morning rise	-4211 Apr 06 j 01:31	29° \approx 27'51		desc. node	-4210 Mar 15 j 06:38	10° \approx 13'18	
direct	-4211 Apr 09 j 02:12	29° \approx 07'47		morning rise	-4210 Mar 16 j 18:55	9° \approx 42'29	
	-4211 Apr 13 j 20:59	0° H		direct	-4210 Mar 20 j 19:30	9° \approx 06'42	
morning max el	-4211 Apr 21 j 22:01	5° H 18'07	22°22'02	morning max el	-4210 Apr 03 j 14:58	16° \approx 00'01	24°00'50
	-4211 May 08 j 19:26	0° Y			-4210 Apr 14 j 18:09	0° H	
asc. node	-4211 May 12 j 17:31	7° Y 49'42		morning set	-4210 Apr 28 j 02:19	24° H 38'49	
morning set	-4211 May 13 j 14:20	9° Y 37'30		asc. node	-4210 Apr 29 j 14:30	27° H 50'00	
					-4210 Apr 30 j 14:50	0° Y	
superior conj	-4211 May 20 j 20:26	24° Y 57'58	1°15'14	superior conj	-4210 May 05 j 03:57	9° Y 48'18	0°54'51
minimum elong	-4211 May 20 j 17:46	24° Y 43'58	1°14'55	minimum elong	-4210 May 05 j 01:46	9° Y 36'31	0°54'29
	-4211 May 23 j 06:09	0° B		max. Earth dist.	-4210 May 07 j 00:27	13° Y 46'50	1.33447 AU
max. Earth dist.	-4211 May 23 j 20:40	1° B 15'01	1.34394 AU	evening rise	-4210 May 12 j 14:33	25° Y 23'37	
evening rise	-4211 May 28 j 18:34	11° B 07'11			-4210 May 14 j 22:20	0° B	
	-4211 Jun 08 j 03:48	0° II			-4210 Jun 01 j 15:12	0° II	
desc. node	-4211 Jun 24 j 08:10	23° II 57'21		desc. node	-4210 Jun 11 j 05:16	12° II 18'50	
	-4211 Jun 29 j 11:14	0° E		evening max el	-4210 Jun 14 j 21:20	16° II 07'48	27°25'24
evening max el	-4211 Jul 02 j 11:02	3° E 04'35	27°09'28	retrograde	-4210 Jun 28 j 14:08	23° II 31'41	
retrograde	-4211 Jul 15 j 19:20	10° E 27'24		evening set	-4210 Jul 05 j 17:51	20° II 53'40	
evening set	-4211 Jul 22 j 18:26	7° E 39'46		min. Earth dist.	-4210 Jul 09 j 08:15	17° II 44'54	0.63407 AU
min. Earth dist.	-4211 Jul 26 j 13:07	3° E 58'18	0.64936 AU	inferior conj	-4210 Jul 12 j 00:21	15° II 01'46	-3°50'18
inferior conj	-4211 Jul 28 j 15:16	1° E 36'40	-3°14'15	minimum elong	-4210 Jul 12 j 03:45	14° II 53'06	3°49'30
minimum elong	-4211 Jul 28 j 19:00	1° E 26'06	3°13'03	morning rise	-4210 Jul 18 j 14:31	9° II 46'09	
	-4211 Jul 30 j 02:06	30° R II		direct	-4210 Jul 21 j 06:24	9° II 11'42	
morning rise	-4211 Aug 03 j 20:04	26° II 03'11		asc. node	-4210 Jul 26 j 14:00	11° II 28'22	
direct	-4211 Aug 06 j 15:57	25° II 20'12		morning max el	-4210 Jul 27 j 19:40	12° II 36'05	17°57'45
asc. node	-4211 Aug 08 j 16:55	25° II 42'25			-4210 Aug 08 j 16:27	0° E	
morning max el	-4211 Aug 13 j 04:52	28° II 52'36	18°13'43	morning set	-4210 Aug 13 j 16:56	8° E 44'00	
	-4211 Aug 14 j 06:08	0° E					
morning set	-4211 Aug 31 j 17:21	26° E 52'53		superior conj	-4210 Aug 25 j 21:20	29° E 32'46	1°12'58
	-4211 Sep 02 j 14:23	0° O		minimum elong	-4210 Aug 26 j 03:09	29° E 56'54	1°12'31
superior conj	-4211 Sep 14 j 21:28	20° O 01'08	0°33'58		-4210 Aug 26 j 03:54	0° O	
minimum elong	-4211 Sep 15 j 01:29	20° O 17'09	0°33'34	max. Earth dist.	-4210 Sep 01 j 00:14	9° O 32'21	1.43703 AU
max. Earth dist.	-4211 Sep 18 j 08:24	25° O 30'44	1.44603 AU	desc. node	-4210 Sep 07 j 04:31	19° O 20'37	
desc. node	-4211 Sep 20 j 07:34	28° O 36'58		evening rise	-4210 Sep 10 j 17:07	24° O 49'58	
	-4211 Sep 21 j 04:40	0° M			-4210 Sep 14 j 01:41	0° M	
evening rise	-4211 Oct 01 j 12:04	16° M 06'31			-4210 Oct 04 j 18:20	0° E	
	-4211 Oct 10 j 11:34	0° E		evening max el	-4210 Oct 09 j 10:33	5° E 26'35	20°45'53
greatest brilliancy	-4211 Oct 13 j 19:04	5° E 02'38	-0.7m	retrograde	-4210 Oct 17 j 15:28	10° E 17'23	
evening max el	-4211 Oct 26 j 08:44	22° E 00'02	19°43'17	evening set	-4210 Oct 21 j 12:43	8° E 50'58	
retrograde	-4211 Nov 02 j 18:20	26° E 18'16		asc. node	-4210 Oct 22 j 12:53	8° E 00'20	
asc. node	-4211 Nov 04 j 15:47	25° E 57'28		inferior conj	-4210 Oct 26 j 22:28	2° E 42'18	1°27'57
evening set	-4211 Nov 06 j 05:32	25° E 08'08		minimum elong	-4210 Oct 26 j 20:32	2° E 48'52	1°27'10
inferior conj	-4211 Nov 11 j 18:55	19° E 09'33	2°16'26	min. Earth dist.	-4210 Oct 27 j 11:55	1° E 56'33	0.66995 AU
minimum elong	-4211 Nov 11 j 16:08	19° E 18'38	2°15'25		-4210 Oct 28 j 23:01	30° R M	
min. Earth dist.	-4211 Nov 12 j 20:05	17° E 47'12	0.66329 AU	morning rise	-4210 Nov 01 j 04:11	26° M 27'02	
morning rise	-4211 Nov 17 j 02:31	12° E 56'34		direct	-4210 Nov 06 j 13:36	24° M 07'15	
direct	-4211 Nov 23 j 03:08	10° E 18'22			-4210 Nov 16 j 21:50	0° E	
morning max el	-4211 Dec 05 j 06:34	17° E 29'04	25°36'59	morning max el	-4210 Nov 17 j 15:17	0° E 43'15	24°15'06
	-4211 Dec 15 j 19:24	0° M		desc. node	-4210 Dec 04 j 04:26	21° E 42'06	
desc. node	-4211 Dec 17 j 07:29	2° M 01'48			-4210 Dec 09 j 18:44	0° M	
	-4210 Jan 04 j 12:08	0° A		morning set	-4210 Dec 23 j 09:42	22° M 07'56	
morning set	-4210 Jan 10 j 12:43	10° A 37'09		max. Earth dist.	-4210 Dec 27 j 05:47	28° M 53'59	1.38141 AU
max. Earth dist.	-4210 Jan 14 j 08:23	17° A 43'35	1.36221 AU		-4210 Dec 27 j 20:26	0° A	
superior conj	-4210 Jan 20 j 00:05	28° A 45'51	-1°36'58	superior conj	-4209 Jan 03 j 06:11	11° A 55'51	-1°49'58
minimum elong	-4210 Jan 20 j 03:06	29° A 00'56	1°36'52	minimum elong	-4209 Jan 03 j 08:12	12° A 05'26	1°50'03
	-4210 Jan 20 j 14:53	0° B		evening rise	-4209 Jan 11 j 23:32	29° A 01'15	
evening rise	-4210 Jan 28 j 00:21	15° B 03'03			-4209 Jan 12 j 11:28	0° B	
asc. node	-4210 Jan 31 j 14:51	22° B 13'58		asc. node	-4209 Jan 18 j 11:52	11° B 25'52	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-4209 Jan 28 j 15:41	25° S 54'31	19°00'26	evening max el	-4208 Jan 11 j 19:47	8° S 32'55	18°24'39
retrograde	-4209 Feb 06 j 03:33	29° S 58'51		retrograde	-4208 Jan 19 j 05:49	12° S 12'20	
evening set	-4209 Feb 08 j 13:25	29° S 40'33		evening set	-4208 Jan 21 j 18:38	11° S 47'57	
inferior conj	-4209 Feb 16 j 12:28	25° S 24'39	3°15'30	inferior conj	-4208 Jan 29 j 01:39	7° S 11'53	3°54'59
minimum elong	-4209 Feb 16 j 17:05	25° S 16'29	3°14'22	minimum elong	-4208 Jan 29 j 03:45	7° S 07'33	3°54'36
min. Earth dist.	-4209 Feb 19 j 15:48	23° S 12'41	0.57272 AU	min. Earth dist.	-4208 Feb 01 j 10:42	4° S 26'35	0.59149 AU
morning rise	-4209 Feb 24 j 18:11	20° S 21'47		morning rise	-4208 Feb 05 j 10:46	1° S 44'48	
direct	-4209 Mar 02 j 00:36	19° S 16'05		direct	-4208 Feb 11 j 18:37	0° S 00'02	
desc. node	-4209 Mar 02 j 03:44	19° S 16'07		desc. node	-4208 Feb 17 j 00:50	1° S 08'52	
morning max el	-4209 Mar 16 j 05:55	26° S 36'17	25°35'15	morning max el	-4208 Feb 26 j 00:38	7° S 34'50	26°50'01
	-4209 Mar 19 j 11:45	0° \approx			-4208 Mar 13 j 21:29	0° \approx	
	-4209 Apr 07 j 19:40	0° H		morning set	-4208 Mar 27 j 00:55	24° \approx 38'52	
morning set	-4209 Apr 12 j 14:24	9° H 41'22			-4208 Mar 29 j 13:37	0° H	
asc. node	-4209 Apr 16 j 11:28	17° H 59'07		asc. node	-4208 Apr 02 j 08:26	8° H 12'46	
superior conj	-4209 Apr 19 j 14:28	24° H 47'42	0°32'02	superior conj	-4208 Apr 03 j 02:13	9° H 50'03	0°07'44
minimum elong	-4209 Apr 19 j 13:05	24° H 40'14	0°31'44	minimum elong	-4208 Apr 03 j 01:52	9° H 48'11	0°07'36
max. Earth dist.	-4209 Apr 20 j 10:47	26° H 38'26	1.32847 AU	behind sun begin	-4208 Apr 02 j 21:28	9° H 24'03	
	-4209 Apr 21 j 23:59	0° Y		behind sun end	-4208 Apr 03 j 06:17	10° H 12'19	
evening rise	-4209 Apr 26 j 17:55	10° Y 02'24		max. Earth dist.	-4208 Apr 03 j 00:06	9° H 38'30	1.32584 AU
	-4209 May 07 j 06:00	0° B		evening rise	-4208 Apr 10 j 02:05	24° H 54'55	
evening max el	-4209 May 28 j 03:51	28° B 37'59	27°09'22		-4208 Apr 12 j 13:27	0° Y	
desc. node	-4209 May 29 j 02:22	29° B 30'35			-4208 Apr 30 j 05:23	0° B	
	-4209 May 29 j 15:30	0° II		evening max el	-4208 May 09 j 04:37	10° B 27'38	26°21'00
retrograde	-4209 Jun 11 j 02:18	6° II 00'25		desc. node	-4208 May 14 j 23:30	15° B 04'11	
evening set	-4209 Jun 18 j 01:25	3° II 45'59		retrograde	-4208 May 23 j 06:42	17° B 46'29	
min. Earth dist.	-4209 Jun 21 j 17:16	0° II 58'53	0.61551 AU	evening set	-4208 May 29 j 13:16	16° B 07'27	
	-4209 Jun 22 j 19:59	30° R B		min. Earth dist.	-4208 Jun 02 j 17:36	13° B 25'37	0.59513 AU
inferior conj	-4209 Jun 24 j 21:22	28° B 07'56	-4°13'10	inferior conj	-4208 Jun 06 j 02:47	10° B 46'53	-4°15'37
minimum elong	-4209 Jun 24 j 23:12	28° B 03'48	4°12'53	minimum elong	-4208 Jun 06 j 01:40	10° B 49'05	4°15'27
morning rise	-4209 Jul 01 j 22:30	23° B 12'59		morning rise	-4208 Jun 13 j 16:28	6° B 13'39	
direct	-4209 Jul 04 j 12:05	22° B 45'09		direct	-4208 Jun 16 j 04:42	5° B 51'14	
morning max el	-4209 Jul 11 j 09:31	26° B 11'07	18°00'21	morning max el	-4208 Jun 23 j 19:34	9° B 30'25	18°22'21
asc. node	-4209 Jul 13 j 11:03	28° B 26'21		asc. node	-4208 Jun 29 j 08:07	16° B 21'29	
	-4209 Jul 14 j 16:34	0° II			-4208 Jul 07 j 05:44	0° II	
morning set	-4209 Jul 27 j 12:03	21° II 31'21		morning set	-4208 Jul 09 j 21:43	5° II 02'46	
	-4209 Aug 01 j 03:44	0° S		superior conj	-4208 Jul 19 j 05:14	22° II 36'04	1°48'09
superior conj	-4209 Aug 07 j 00:55	10° S 27'00	1°37'25	minimum elong	-4208 Jul 19 j 06:27	22° II 41'40	1°48'19
minimum elong	-4209 Aug 07 j 04:54	10° S 44'22	1°37'20		-4208 Jul 23 j 07:38	0° S	
max. Earth dist.	-4209 Aug 14 j 10:50	23° S 01'59	1.42232 AU	max. Earth dist.	-4208 Jul 26 j 15:25	5° S 48'29	1.40400 AU
	-4209 Aug 18 j 17:23	0° Q		evening rise	-4208 Jul 31 j 06:54	13° S 38'54	
evening rise	-4209 Aug 21 j 01:34	3° Q 44'16		desc. node	-4208 Aug 10 j 22:29	0° Q 31'18	
desc. node	-4209 Aug 25 j 01:29	9° Q 59'52			-4208 Aug 10 j 14:15	0° Q	
	-4209 Sep 07 j 11:42	0° M			-4208 Sep 01 j 16:17	0° M	
evening max el	-4209 Sep 22 j 06:00	18° M 51'20	21°59'35	evening max el	-4208 Sep 03 j 20:10	2° M 16'50	23°19'35
retrograde	-4209 Oct 01 j 11:20	24° M 20'10		retrograde	-4208 Sep 14 j 04:30	8° M 24'25	
evening set	-4209 Oct 05 j 20:43	22° M 35'20		evening set	-4208 Sep 19 j 03:46	6° M 20'03	
asc. node	-4209 Oct 09 j 10:02	18° M 43'45		inferior conj	-4208 Sep 24 j 11:03	0° M 01'33	-0°17'12
inferior conj	-4209 Oct 11 j 04:26	16° M 19'57	0°36'08	minimum elong	-4208 Sep 24 j 11:27	0° M 00'11	0°16'56
minimum elong	-4209 Oct 11 j 03:36	16° M 22'50	0°35'50	min. Earth dist.	-4208 Sep 24 j 03:45	0° M 26'40	0.67403 AU
min. Earth dist.	-4209 Oct 11 j 07:17	16° M 10'05	0.67346 AU		-4208 Sep 24 j 11:31	30° R Q	
morning rise	-4209 Oct 16 j 10:22	10° M 05'04		asc. node	-4208 Sep 25 j 07:11	28° Q 52'46	
direct	-4209 Oct 21 j 04:38	8° M 06'33		morning rise	-4208 Sep 29 j 19:03	23° Q 50'00	
morning max el	-4209 Oct 31 j 01:50	14° M 00'15	22°48'40	direct	-4208 Oct 03 j 23:28	22° Q 12'33	
	-4209 Nov 12 j 22:18	0° L		morning max el	-4208 Oct 12 j 17:15	27° Q 22'52	21°25'59
desc. node	-4209 Nov 21 j 01:23	11° L 45'48			-4208 Oct 15 j 02:56	0° M	
	-4209 Dec 02 j 18:02	0° M			-4208 Nov 05 j 13:17	0° L	
morning set	-4209 Dec 04 j 03:37	2° M 17'16		desc. node	-4208 Nov 06 j 22:19	2° L 06'10	
max. Earth dist.	-4209 Dec 09 j 02:22	10° M 34'51	1.40204 AU	morning set	-4208 Nov 12 j 17:39	11° L 07'45	
				max. Earth dist.	-4208 Nov 20 j 04:12	23° L 06'13	1.42138 AU
superior conj	-4209 Dec 16 j 20:06	24° M 14'03	-1°54'17		-4208 Nov 24 j 07:35	0° M	
minimum elong	-4209 Dec 16 j 19:43	24° M 12'19	1°54'26	superior conj	-4208 Nov 27 j 12:13	5° M 26'45	-1°46'18
	-4209 Dec 19 j 23:17	0° X		minimum elong	-4208 Nov 27 j 08:16	5° M 09'45	1°46'11
evening rise	-4209 Dec 26 j 13:41	12° X 27'40		evening rise	-4208 Dec 08 j 15:14	25° M 14'24	
asc. node	-4208 Jan 05 j 08:55	0° S 06'22			-4208 Dec 11 j 06:10	0° X	
	-4208 Jan 05 j 07:19	0° S					

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4208 Dec 22 j 06:01	18°♂05'25		retrograde	-4207 Dec 15 j 07:12	8°♂18'29	
evening max el	-4208 Dec 25 j 05:32	21°♂33'23	18°08'53	evening set	-4207 Dec 18 j 02:26	7°♂38'24	
retrograde	-4207 Jan 01 j 00:23	25°♂02'04		inferior conj	-4207 Dec 24 j 09:20	2°♂20'15	3°49'42
evening set	-4207 Jan 03 j 16:11	24°♂30'25		minimum elong	-4207 Dec 24 j 06:56	2°♂26'38	3°49'13
inferior conj	-4207 Jan 10 j 09:47	19°♂32'54	4°03'25		-4207 Dec 26 j 13:53	30°♂	
minimum elong	-4207 Jan 10 j 09:11	19°♂34'20	4°03'13	min. Earth dist.	-4207 Dec 26 j 22:33	29°♂37'30	0.63017 AU
min. Earth dist.	-4207 Jan 13 j 12:09	16°♂38'06	0.61154 AU	morning rise	-4207 Dec 30 j 10:43	26°♂24'54	
morning rise	-4207 Jan 17 j 00:52	13°♂49'14		direct	-4206 Jan 06 j 12:27	23°♂41'27	
direct	-4207 Jan 23 j 23:25	11°♂28'40			-4206 Jan 18 j 19:41	0°♂	
desc. node	-4207 Feb 02 j 21:55	15°♂33'25		morning max el	-4206 Jan 20 j 07:28	1°♂25'01	27°40'52
morning max el	-4207 Feb 07 j 01:23	19°♂10'28	27°33'28	desc. node	-4206 Jan 20 j 18:57	1°♂53'36	
	-4207 Feb 16 j 07:00	0°♂			-4206 Feb 10 j 10:16	0°♂	
	-4207 Mar 06 j 14:41	0°♂		morning set	-4206 Feb 23 j 09:04	23°♂46'46	
morning set	-4207 Mar 11 j 07:53	9°♂23'18			-4206 Feb 26 j 09:59	0°♂	
max. Earth dist.	-4207 Mar 17 j 12:33	22°♂32'33	1.32666 AU	max. Earth dist.	-4206 Feb 28 j 20:24	5°♂07'35	1.33118 AU
superior conj	-4207 Mar 18 j 13:29	24°♂48'16	-0°17'17	superior conj	-4206 Mar 02 j 22:36	9°♂36'17	-0°42'07
minimum elong	-4207 Mar 18 j 14:16	24°♂52'31	0°17'15	minimum elong	-4206 Mar 03 j 00:27	9°♂46'15	0°41'54
asc. node	-4207 Mar 20 j 05:25	28°♂26'05		asc. node	-4206 Mar 07 j 02:25	18°♂35'05	
	-4207 Mar 20 j 22:38	0°♂		evening rise	-4206 Mar 10 j 00:34	24°♂48'56	
evening rise	-4207 Mar 25 j 12:54	9°♂52'37			-4206 Mar 12 j 12:40	0°♂	
	-4207 Apr 04 j 23:39	0°♂			-4206 Mar 31 j 07:44	0°♂	
evening max el	-4207 Apr 20 j 23:29	21°♂37'27	25°05'28	evening max el	-4206 Apr 02 j 15:33	2°♂23'15	23°33'56
desc. node	-4207 May 01 j 20:40	28°♂22'36		retrograde	-4206 Apr 16 j 05:56	9°♂08'15	
retrograde	-4207 May 05 j 00:43	28°♂46'05		desc. node	-4206 Apr 18 j 17:48	8°♂54'25	
evening set	-4207 May 10 j 03:30	27°♂45'35		evening set	-4206 Apr 20 j 00:52	8°♂36'44	
min. Earth dist.	-4207 May 15 j 11:53	24°♂52'41	0.57562 AU	min. Earth dist.	-4206 Apr 27 j 02:50	5°♂20'53	0.56035 AU
inferior conj	-4207 May 18 j 13:12	22°♂48'26	-3°47'45	inferior conj	-4206 Apr 29 j 03:38	4°♂07'49	-2°40'51
minimum elong	-4207 May 18 j 08:40	22°♂56'11	3°46'57	minimum elong	-4206 Apr 28 j 21:49	4°♂16'33	2°39'17
morning rise	-4207 May 26 j 16:51	18°♂35'09		morning rise	-4206 May 07 j 21:31	0°♂08'14	
direct	-4207 May 29 j 04:14	18°♂17'00			-4206 May 08 j 16:29	30°♂	
morning max el	-4207 Jun 06 j 22:47	22°♂23'10	19°04'34	direct	-4206 May 10 j 09:13	29°♂52'41	
	-4207 Jun 13 j 02:59	0°♂			-4206 May 12 j 01:14	0°♂	
asc. node	-4207 Jun 16 j 05:08	4°♂59'41		morning max el	-4206 May 20 j 16:32	4°♂40'11	20°07'10
morning set	-4207 Jun 23 j 17:49	19°♂07'07		asc. node	-4206 Jun 03 j 02:07	24°♂10'35	
	-4207 Jun 29 j 05:56	0°♂			-4206 Jun 06 j 02:10	0°♂	
				morning set	-4206 Jun 07 j 21:14	3°♂36'09	
superior conj	-4207 Jul 02 j 04:23	5°♂42'44	1°48'00	superior conj	-4206 Jun 15 j 17:10	19°♂32'21	1°39'42
minimum elong	-4207 Jul 02 j 03:24	5°♂38'01	1°48'08	minimum elong	-4206 Jun 15 j 14:55	19°♂21'03	1°39'39
max. Earth dist.	-4207 Jul 08 j 16:58	17°♂54'58	1.38454 AU	max. Earth dist.	-4206 Jun 20 j 21:30	29°♂42'25	1.36635 AU
evening rise	-4207 Jul 12 j 14:35	24°♂50'34			-4206 Jun 21 j 01:11	0°♂	
	-4207 Jul 15 j 14:50	0°♂		evening rise	-4206 Jun 24 j 21:40	7°♂12'13	
desc. node	-4207 Jul 28 j 19:32	20°♂49'56			-4206 Jul 08 j 09:38	0°♂	
	-4207 Aug 04 j 06:17	0°♂		desc. node	-4206 Jul 15 j 16:36	10°♂49'19	
evening max el	-4207 Aug 17 j 07:29	15°♂45'44	24°39'30	evening max el	-4206 Jul 30 j 18:17	29°♂17'10	25°51'30
retrograde	-4207 Aug 28 j 17:51	22°♂26'46			-4206 Jul 31 j 12:05	0°♂	
evening set	-4207 Sep 03 j 08:05	20°♂03'31		retrograde	-4206 Aug 12 j 02:38	6°♂22'12	
min. Earth dist.	-4207 Sep 07 j 22:47	14°♂44'56	0.67157 AU	evening set	-4206 Aug 18 j 07:41	3°♂43'20	
inferior conj	-4207 Sep 08 j 16:37	13°♂45'24	-1°10'24		-4206 Aug 21 j 19:20	30°♂	
minimum elong	-4207 Sep 08 j 18:15	13°♂39'56	1°09'35	min. Earth dist.	-4206 Aug 22 j 13:52	29°♂02'18	0.66585 AU
asc. node	-4207 Sep 12 j 04:19	9°♂27'07		inferior conj	-4206 Aug 23 j 19:15	27°♂28'50	-2°01'49
morning rise	-4207 Sep 14 j 04:23	7°♂40'25		minimum elong	-4206 Aug 23 j 22:00	27°♂20'06	2°00'37
direct	-4207 Sep 17 j 20:51	6°♂22'03		morning rise	-4206 Aug 29 j 12:26	21°♂33'44	
morning max el	-4207 Sep 25 j 15:38	10°♂53'55	20°13'17	asc. node	-4206 Aug 30 j 01:26	21°♂14'54	
	-4207 Oct 09 j 23:28	0°♂		direct	-4206 Sep 01 j 19:08	20°♂31'35	
morning set	-4207 Oct 22 j 16:17	19°♂20'18		morning max el	-4206 Sep 08 j 21:05	24°♂33'15	19°14'15
desc. node	-4207 Oct 24 j 19:15	22°♂38'17			-4206 Sep 13 j 10:24	0°♂	
	-4207 Oct 29 j 11:54	0°♂		morning set	-4206 Oct 01 j 22:45	28°♂02'00	
max. Earth dist.	-4207 Nov 02 j 13:42	6°♂28'53	1.43672 AU		-4206 Oct 03 j 04:52	0°♂	
superior conj	-4207 Nov 08 j 01:38	15°♂23'21	-1°22'32	desc. node	-4206 Oct 11 j 16:12	13°♂17'46	
minimum elong	-4207 Nov 07 j 18:51	14°♂55'35	1°21'55	max. Earth dist.	-4206 Oct 16 j 05:25	20°♂28'04	1.44601 AU
	-4207 Nov 16 j 19:10	0°♂		superior conj	-4206 Oct 18 j 13:05	24°♂08'29	-0°42'38
evening rise	-4207 Nov 20 j 23:56	7°♂13'03		minimum elong	-4206 Oct 18 j 07:53	23°♂47'51	0°41'56
	-4207 Dec 04 j 19:31	0°♂			-4206 Oct 22 j 05:22	0°♂	
evening max el	-4207 Dec 08 j 18:01	4°♂48'14	18°12'25	evening rise	-4206 Nov 02 j 11:04	18°♂13'58	
asc. node	-4207 Dec 09 j 03:08	5°♂10'44					

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4206 Nov 09 j 14:46	0°♌		greatest brilliancy	-4205 Oct 23 j 03:42	12°♌46'28	-0.8m
evening max el	-4206 Nov 22 j 06:24	18°♌10'29	18°34'19		-4205 Nov 04 j 05:07	0°♌	
asc. node	-4206 Nov 26 j 00:15	21°♌06'59		evening max el	-4205 Nov 05 j 16:10	1°♌36'21	19°13'28
retrograde	-4206 Nov 28 j 22:01	21°♌52'41		retrograde	-4205 Nov 12 j 17:27	5°♌39'29	
evening set	-4206 Dec 01 j 21:56	21°♌02'39		asc. node	-4205 Nov 12 j 21:21	5°♌39'20	
inferior conj	-4206 Dec 07 j 20:28	15°♌26'12	3°20'56	evening set	-4205 Nov 15 j 23:51	4°♌37'27	
minimum elong	-4206 Dec 07 j 17:20	15°♌35'27	3°20'06		-4205 Nov 20 j 16:25	30°♌	
min. Earth dist.	-4206 Dec 09 j 18:53	13°♌09'46	0.64582 AU	inferior conj	-4205 Nov 21 j 16:02	28°♌45'48	2°42'05
morning rise	-4206 Dec 13 j 12:19	9°♌21'56		minimum elong	-4205 Nov 21 j 12:58	28°♌55'33	2°41'03
direct	-4206 Dec 20 j 08:14	6°♌30'56		min. Earth dist.	-4205 Nov 23 j 00:30	27°♌02'52	0.65793 AU
morning max el	-4205 Jan 02 j 16:40	14°♌10'21	27°13'49	morning rise	-4205 Nov 27 j 01:49	22°♌35'05	
desc. node	-4205 Jan 07 j 15:58	19°♌36'10		direct	-4205 Dec 03 j 10:17	19°♌49'26	
	-4205 Jan 15 j 15:23	0°♌		morning max el	-4205 Dec 16 j 02:26	27°♌14'52	26°18'19
	-4205 Feb 03 j 00:50	0°♌			-4205 Dec 18 j 17:08	0°♌	
morning set	-4205 Feb 07 j 01:29	7°♌38'56		desc. node	-4205 Dec 25 j 12:59	8°♌17'18	
max. Earth dist.	-4205 Feb 11 j 19:49	17°♌11'27	1.33975 AU		-4204 Jan 09 j 07:01	0°♌	
				morning set	-4204 Jan 21 j 05:17	20°♌48'21	
superior conj	-4205 Feb 15 j 03:36	24°♌06'55	-1°05'43	max. Earth dist.	-4204 Jan 25 j 07:50	28°♌40'16	1.35274 AU
minimum elong	-4205 Feb 15 j 06:18	24°♌21'12	1°05'27		-4204 Jan 26 j 00:03	0°♌	
	-4205 Feb 17 j 22:13	0°♌					
asc. node	-4205 Feb 21 j 23:26	8°♌34'53		superior conj	-4204 Jan 30 j 02:11	8°♌13'14	-1°26'45
evening rise	-4205 Feb 22 j 11:15	9°♌36'42		minimum elong	-4204 Jan 30 j 05:18	8°♌29'09	1°26'32
	-4205 Mar 05 j 06:22	0°♌		evening rise	-4204 Feb 06 j 19:10	24°♌10'04	
evening max el	-4205 Mar 15 j 10:31	13°♌10'27	22°00'33	asc. node	-4204 Feb 08 j 20:27	28°♌20'42	
retrograde	-4205 Mar 27 j 23:37	19°♌15'10			-4204 Feb 09 j 16:19	0°♌	
evening set	-4205 Mar 30 j 18:13	18°♌58'03		evening max el	-4204 Feb 25 j 13:55	24°♌22'54	20°37'03
desc. node	-4205 Apr 05 j 14:54	16°♌46'34		retrograde	-4204 Mar 07 j 13:36	29°♌36'28	
min. Earth dist.	-4205 Apr 08 j 16:42	15°♌06'18	0.55235 AU	evening set	-4204 Mar 09 j 21:45	29°♌23'11	
inferior conj	-4205 Apr 09 j 02:46	14°♌52'08	-0°57'41	inferior conj	-4204 Mar 18 j 22:34	25°♌25'09	0°58'33
minimum elong	-4205 Apr 09 j 00:07	14°♌55'52	0°56'50	minimum elong	-4204 Mar 19 j 01:08	25°♌21'23	0°57'34
morning rise	-4205 Apr 18 j 07:09	10°♌53'05		min. Earth dist.	-4204 Mar 20 j 06:51	24°♌38'15	0.55354 AU
direct	-4205 Apr 20 j 23:58	10°♌36'44		desc. node	-4204 Mar 22 j 12:01	23°♌24'08	
morning max el	-4205 May 02 j 23:29	16°♌16'02	21°28'39	morning rise	-4204 Mar 28 j 03:16	21°♌08'02	
	-4205 May 13 j 12:07	0°♌		direct	-4204 Mar 31 j 12:24	20°♌43'09	
asc. node	-4205 May 20 j 23:07	13°♌46'05		morning max el	-4204 Apr 13 j 20:36	27°♌13'45	23°03'52
morning set	-4205 May 23 j 05:31	18°♌23'09			-4204 Apr 16 j 13:11	0°♌	
	-4205 May 28 j 18:49	0°♌			-4204 May 05 j 01:49	0°♌	
				morning set	-4204 May 06 j 16:39	3°♌20'56	
superior conj	-4205 May 30 j 15:34	3°♌53'24	1°25'28	asc. node	-4204 May 06 j 20:06	3°♌38'55	
minimum elong	-4205 May 30 j 12:52	3°♌39'25	1°25'14				
max. Earth dist.	-4205 Jun 03 j 10:07	11°♌36'40	1.35104 AU	superior conj	-4204 May 13 j 20:28	18°♌35'31	1°06'57
evening rise	-4205 Jun 07 j 22:48	20°♌29'45		minimum elong	-4204 May 13 j 17:57	18°♌22'10	1°06'36
	-4205 Jun 13 j 02:15	0°♌		max. Earth dist.	-4204 May 16 j 08:27	23°♌52'36	1.33937 AU
	-4205 Jul 02 j 07:20	0°♌			-4204 May 19 j 07:36	0°♌	
desc. node	-4205 Jul 02 j 13:40	0°♌21'02		evening rise	-4204 May 21 j 13:03	4°♌28'12	
evening max el	-4205 Jul 13 j 05:29	12°♌45'37	26°47'26		-4204 Jun 04 j 19:38	0°♌	
retrograde	-4205 Jul 26 j 06:27	20°♌04'43		desc. node	-4204 Jun 18 j 10:43	19°♌12'46	
evening set	-4205 Aug 02 j 00:17	17°♌17'03		evening max el	-4204 Jun 24 j 16:27	26°♌00'52	27°19'51
min. Earth dist.	-4205 Aug 05 j 22:41	13°♌14'35	0.65649 AU		-4204 Jun 29 j 09:43	0°♌	
inferior conj	-4205 Aug 07 j 17:01	11°♌09'04	-2°49'28	retrograde	-4204 Jul 08 j 04:57	3°♌25'30	
minimum elong	-4205 Aug 07 j 20:33	10°♌58'35	2°48'11	evening set	-4204 Jul 15 j 06:59	0°♌39'55	
morning rise	-4205 Aug 13 j 17:09	5°♌27'02			-4204 Jul 16 j 02:29	30°♌	
direct	-4205 Aug 16 j 16:20	4°♌38'00		min. Earth dist.	-4204 Jul 18 j 23:13	27°♌13'34	0.64331 AU
asc. node	-4205 Aug 16 j 22:30	4°♌38'22		inferior conj	-4204 Jul 21 j 07:30	24°♌41'07	-3°30'47
morning max el	-4205 Aug 23 j 08:06	8°♌18'28	18°31'01	minimum elong	-4204 Jul 21 j 11:13	24°♌31'02	3°29'45
	-4205 Sep 07 j 08:13	0°♌		morning rise	-4204 Jul 27 j 16:08	19°♌15'11	
morning set	-4205 Sep 12 j 05:33	7°♌56'24		direct	-4204 Jul 30 j 10:00	18°♌36'15	
	-4205 Sep 25 j 24:00	0°♌		asc. node	-4204 Aug 02 j 19:35	19°♌35'33	
				morning max el	-4204 Aug 05 j 22:18	22°♌04'12	18°04'43
superior conj	-4205 Sep 27 j 12:33	2°♌24'25	0°06'31		-4204 Aug 12 j 01:34	0°♌	
minimum elong	-4205 Sep 27 j 13:24	2°♌27'48	0°06'29	morning set	-4204 Aug 23 j 15:18	19°♌07'38	
behind sun begin	-4205 Sep 27 j 02:55	1°♌46'24			-4204 Aug 30 j 02:13	0°♌	
behind sun end	-4205 Sep 27 j 23:53	3°♌09'11					
desc. node	-4205 Sep 28 j 13:10	4°♌01'32		superior conj	-4204 Sep 05 j 22:38	11°♌14'54	0°52'10
max. Earth dist.	-4205 Sep 28 j 23:37	4°♌42'46	1.44813 AU	minimum elong	-4204 Sep 06 j 04:01	11°♌36'40	0°51'39
evening rise	-4205 Oct 13 j 21:23	28°♌11'17		max. Earth dist.	-4204 Sep 10 j 16:35	18°♌51'55	1.44298 AU
	-4205 Oct 15 j 00:55	0°♌		desc. node	-4204 Sep 14 j 10:06	24°♌45'54	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4204 Sep 17 j 18:18	0°♎				-4203 Sep 10 j 19:14	0°♎	
evening rise	-4204 Sep 22 j 09:25	7°♎11'28		evening max el	-4203 Oct 01 j 20:26	28°♎28'40	21°16'13	
greatest brilliancy	-4204 Oct 06 j 01:46	28°♎01'18	-0.6m		-4203 Oct 03 j 10:17	0°♏		
	-4204 Oct 07 j 09:57	0°♏		retrograde	-4203 Oct 10 j 11:22	3°♏35'13		
evening max el	-4204 Oct 18 j 21:17	15°♏02'54	20°08'19	evening set	-4203 Oct 14 j 13:28	2°♏01'24		
retrograde	-4204 Oct 26 j 14:37	19°♏34'40		asc. node	-4203 Oct 16 j 15:36	0°♏01'51		
asc. node	-4204 Oct 29 j 18:27	18°♏36'40			-4203 Oct 16 j 16:16	30°♎		
evening set	-4204 Oct 30 j 05:43	18°♏18'04		inferior conj	-4203 Oct 19 j 22:11	25°♎49'39	1°06'16	
inferior conj	-4204 Nov 04 j 17:21	12°♏14'43	1°56'25	minimum elong	-4203 Oct 19 j 20:41	25°♎54'45	1°05'40	
minimum elong	-4204 Nov 04 j 14:54	12°♏22'54	1°55'27	min. Earth dist.	-4203 Oct 20 j 07:07	25°♎18'58	0.67183 AU	
min. Earth dist.	-4204 Nov 05 j 13:25	11°♏07'45	0.66649 AU	morning rise	-4203 Oct 25 j 03:44	19°♎34'06		
morning rise	-4204 Nov 09 j 23:51	6°♏00'08		direct	-4203 Oct 30 j 06:43	17°♎22'54		
direct	-4204 Nov 15 j 18:00	3°♏29'06		morning max el	-4203 Nov 09 j 20:16	23°♎41'37	23°38'13	
morning max el	-4204 Nov 27 j 11:19	10°♏27'13	25°03'14		-4203 Nov 15 j 10:16	0°♏		
desc. node	-4204 Dec 11 j 10:00	27°♏39'48		desc. node	-4203 Nov 28 j 06:57	17°♏30'58		
	-4204 Dec 13 j 01:36	0°♎			-4203 Dec 06 j 12:04	0°♎		
	-4204 Dec 31 j 22:31	0°♎		morning set	-4203 Dec 15 j 01:22	13°♎57'32		
morning set	-4203 Jan 02 j 15:20	3°♎00'27		max. Earth dist.	-4203 Dec 19 j 04:28	21°♎04'50	1.39014 AU	
max. Earth dist.	-4203 Jan 06 j 08:49	9°♎47'17	1.36996 AU		-4203 Dec 24 j 03:37	0°♎		
superior conj	-4203 Jan 12 j 15:26	21°♎47'11	-1°43'21	superior conj	-4203 Dec 26 j 15:18	4°♎36'52	-1°53'04	
minimum elong	-4203 Jan 12 j 18:10	22°♎00'37	1°43'19	minimum elong	-4203 Dec 26 j 16:29	4°♎42'21	1°53'13	
	-4203 Jan 16 j 18:24	0°♏		evening rise	-4202 Jan 04 j 17:58	22°♎08'23		
evening rise	-4203 Jan 20 j 22:15	8°♏23'09			-4202 Jan 08 j 20:23	0°♏		
asc. node	-4203 Jan 25 j 17:28	17°♏47'08		asc. node	-4202 Jan 12 j 14:31	6°♏46'40		
	-4203 Feb 01 j 23:40	0°♏		evening max el	-4202 Jan 21 j 03:45	18°♏34'18	18°42'48	
evening max el	-4203 Feb 07 j 04:02	6°♏11'55	19°30'14	retrograde	-4202 Jan 29 j 03:02	22°♏25'40		
retrograde	-4203 Feb 16 j 11:46	10°♏37'27		evening set	-4202 Jan 31 j 14:20	22°♏04'51		
evening set	-4203 Feb 18 j 19:55	10°♏22'00		inferior conj	-4202 Feb 08 j 06:17	17°♏40'58	3°36'35	
inferior conj	-4203 Feb 27 j 05:00	6°♏16'08	2°35'46	minimum elong	-4202 Feb 08 j 10:00	17°♏33'58	3°35'48	
minimum elong	-4203 Feb 27 j 10:02	6°♏07'56	2°34'16	min. Earth dist.	-4202 Feb 11 j 14:06	15°♏12'04	0.58038 AU	
min. Earth dist.	-4203 Mar 01 j 21:41	4°♏31'41	0.56368 AU	morning rise	-4202 Feb 16 j 03:15	12°♏27'05		
morning rise	-4203 Mar 07 j 21:31	1°♏29'48		direct	-4202 Feb 21 j 21:51	11°♏04'55		
desc. node	-4203 Mar 09 j 09:09	1°♏04'22		desc. node	-4202 Feb 24 j 06:16	11°♏18'30		
direct	-4203 Mar 12 j 10:39	0°♏42'49		morning max el	-4202 Mar 08 j 03:49	18°♏32'20	26°10'12	
morning max el	-4203 Mar 26 j 12:03	7°♏50'31	24°42'28		-4202 Mar 17 j 18:22	0°♏		
	-4203 Apr 11 j 17:10	0°♎			-4202 Apr 04 j 01:07	0°♎		
morning set	-4203 Apr 21 j 04:54	18°♎23'34		morning set	-4202 Apr 05 j 16:31	3°♎24'08		
asc. node	-4203 Apr 23 j 17:05	23°♎43'39		asc. node	-4202 Apr 10 j 14:04	13°♎54'46		
	-4203 Apr 26 j 14:39	0°♎						
superior conj	-4203 Apr 28 j 05:32	3°♎30'55	0°45'25	superior conj	-4202 Apr 12 j 16:47	18°♎31'52	0°21'53	
minimum elong	-4203 Apr 28 j 03:39	3°♎20'45	0°45'05	minimum elong	-4202 Apr 12 j 15:49	18°♎26'39	0°21'38	
max. Earth dist.	-4203 Apr 29 j 15:15	6°♎33'09	1.33143 AU	max. Earth dist.	-4202 Apr 13 j 03:17	19°♎29'20	1.32697 AU	
evening rise	-4203 May 05 j 12:34	18°♎55'39			-4202 Apr 18 j 00:07	0°♎		
	-4203 May 11 j 04:33	0°♏		evening rise	-4202 Apr 19 j 18:17	3°♎41'06		
	-4203 May 30 j 04:26	0°♏			-4202 May 04 j 00:18	0°♏		
desc. node	-4203 Jun 05 j 07:47	7°♏07'39		evening max el	-4202 May 20 j 05:58	21°♏05'31	26°52'41	
evening max el	-4203 Jun 07 j 01:28	8°♏51'35	27°22'40	desc. node	-4202 May 23 j 04:55	23°♏41'26		
retrograde	-4203 Jun 20 j 21:22	16°♏15'39		retrograde	-4202 Jun 03 j 06:17	28°♏26'09		
evening set	-4203 Jun 28 j 00:13	13°♏46'01		evening set	-4202 Jun 09 j 23:48	26°♏26'05		
min. Earth dist.	-4203 Jul 01 j 14:14	10°♏47'58	0.62649 AU	min. Earth dist.	-4202 Jun 13 j 19:31	23°♏43'05	0.60692 AU	
inferior conj	-4203 Jul 04 j 11:54	7°♏59'17	-4°02'01	inferior conj	-4202 Jun 17 j 02:44	20°♏54'58	-4°17'19	
minimum elong	-4203 Jul 04 j 14:48	7°♏52'14	4°01'26	minimum elong	-4202 Jun 17 j 03:28	20°♏53'25	4°17'08	
morning rise	-4203 Jul 11 j 06:32	2°♏52'06		morning rise	-4202 Jun 24 j 08:58	16°♏08'51		
direct	-4203 Jul 13 j 21:08	2°♏20'48		direct	-4202 Jun 26 j 21:55	15°♏43'24		
morning max el	-4203 Jul 20 j 13:02	5°♏44'59	17°56'27	morning max el	-4202 Jul 04 j 01:32	19°♏13'37	18°07'15	
asc. node	-4203 Jul 20 j 16:39	5°♏53'57		asc. node	-4202 Jul 07 j 13:43	23°♏17'34		
	-4203 Aug 05 j 04:57	0°♏			-4202 Jul 11 j 23:47	0°♏		
morning set	-4203 Aug 05 j 23:53	1°♏24'17		morning set	-4202 Jul 20 j 01:49	14°♏32'04		
					-4202 Jul 28 j 11:17	0°♏		
superior conj	-4203 Aug 17 j 10:13	21°♏21'18	1°25'09	superior conj	-4202 Jul 30 j 00:59	2°♏48'53	1°43'30	
minimum elong	-4203 Aug 17 j 15:33	21°♏43'49	1°24'50	minimum elong	-4202 Jul 30 j 03:47	3°♏01'22	1°43'33	
	-4203 Aug 22 j 14:46	0°♏		max. Earth dist.	-4202 Aug 06 j 14:12	15°♏53'05	1.41488 AU	
max. Earth dist.	-4203 Aug 24 j 05:56	2°♏39'50	1.43140 AU	evening rise	-4202 Aug 12 j 05:15	25°♏08'34		
desc. node	-4203 Sep 01 j 07:03	15°♏27'57			-4202 Aug 15 j 06:23	0°♏		
evening rise	-4203 Sep 01 j 13:17	15°♏52'16		desc. node	-4202 Aug 19 j 04:01	6°♏04'28		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4202 Sep 04 j 16:30	0°♎		superior conj	-4201 Jul 12 j 14:00	15°♊24'04	1°49'16
evening max el	-4202 Sep 14 j 13:37	11°♎54'22	22°33'14	minimum elong	-4201 Jul 12 j 14:10	15°♊24'54	1°49'26
retrograde	-4202 Sep 24 j 06:06	17°♎39'15		max. Earth dist.	-4201 Jul 19 j 17:26	28°♊22'50	1.39567 AU
evening set	-4202 Sep 28 j 21:16	15°♎46'10			-4201 Jul 20 j 15:38	0°♊	
asc. node	-4202 Oct 03 j 12:44	10°♎24'07		evening rise	-4201 Jul 23 j 21:42	5°♊34'56	
inferior conj	-4202 Oct 04 j 04:39	9°♎29'19	0°13'36	desc. node	-4201 Aug 06 j 01:02	26°♊30'58	
minimum elong	-4202 Oct 04 j 04:19	9°♎30'26	0°13'33		-4201 Aug 08 j 09:19	0°♊	
transit middle	-4202 Oct 04 j 04:19	9°♎30'26	0°13'33	evening max el	-4201 Aug 28 j 02:13	25°♊20'54	23°54'01
transit begin	-4202 Oct 04 j 02:49	9°♎35'39			-4201 Sep 02 j 17:22	0°♎	
transit end	-4202 Oct 04 j 05:50	9°♎25'12		retrograde	-4201 Sep 07 j 21:42	1°♎43'20	
min. Earth dist.	-4202 Oct 04 j 03:12	9°♎34'19	0.67412 AU		-4201 Sep 12 j 12:49	30°♎	
morning rise	-4202 Oct 09 j 11:15	3°♎15'38		evening set	-4201 Sep 13 j 03:24	29°♎30'27	
direct	-4202 Oct 13 j 23:32	1°♎26'05		inferior conj	-4201 Sep 18 j 11:00	23°♎11'46	-0°39'54
morning max el	-4202 Oct 23 j 08:27	7°♎00'22	22°12'36	minimum elong	-4201 Sep 18 j 11:56	23°♎08'36	0°39'22
	-4202 Nov 09 j 23:30	0°♏		min. Earth dist.	-4201 Sep 17 j 23:13	23°♎51'50	0.67339 AU
desc. node	-4202 Nov 15 j 03:55	7°♏42'44		asc. node	-4201 Sep 20 j 09:53	20°♎36'24	
morning set	-4202 Nov 25 j 06:54	23°♏30'59		morning rise	-4201 Sep 23 j 20:26	17°♎02'54	
	-4202 Nov 29 j 06:08	0°♏		direct	-4201 Sep 27 j 19:30	15°♎34'00	
max. Earth dist.	-4202 Dec 01 j 03:09	3°♏07'38	1.41067 AU	morning max el	-4201 Oct 06 j 02:48	20°♎26'44	20°53'40
					-4201 Oct 13 j 22:55	0°♎	
superior conj	-4202 Dec 08 j 20:43	16°♏29'19	-1°52'38	desc. node	-4201 Nov 02 j 00:51	28°♏08'36	
minimum elong	-4202 Dec 08 j 18:55	16°♏21'18	1°52'44		-4201 Nov 03 j 05:38	0°♏	
	-4202 Dec 16 j 06:45	0°♏		morning set	-4201 Nov 04 j 12:01	1°♏58'10	
evening rise	-4202 Dec 19 j 03:15	5°♏19'00		max. Earth dist.	-4201 Nov 13 j 08:47	16°♏03'57	1.42858 AU
asc. node	-4202 Dec 30 j 11:36	25°♏10'46					
	-4201 Jan 03 j 03:16	0°♐		superior conj	-4201 Nov 20 j 01:52	27°♏10'01	-1°38'17
evening max el	-4201 Jan 04 j 10:38	1°♐22'57	18°15'28	minimum elong	-4201 Nov 19 j 20:26	26°♏47'05	1°37'57
retrograde	-4201 Jan 11 j 12:46	4°♐56'02			-4201 Nov 21 j 18:01	0°♏	
evening set	-4201 Jan 14 j 02:59	4°♐28'32		evening rise	-4201 Dec 01 j 22:12	17°♏46'28	
	-4201 Jan 20 j 20:06	30°♐			-4201 Dec 08 j 20:39	0°♐	
inferior conj	-4201 Jan 21 j 03:53	29°♐43'00	4°01'46	asc. node	-4201 Dec 17 j 08:42	12°♐48'20	
minimum elong	-4201 Jan 21 j 04:46	29°♐41'04	4°01'33	evening max el	-4201 Dec 18 j 21:48	14°♐29'42	18°07'59
min. Earth dist.	-4201 Jan 24 j 11:08	26°♐51'05	0.60013 AU	retrograde	-4201 Dec 25 j 13:16	17°♐58'01	
morning rise	-4201 Jan 28 j 04:54	24°♐08'19		evening set	-4201 Dec 28 j 06:21	17°♐22'58	
direct	-4201 Feb 03 j 20:30	22°♐07'29		inferior conj	-4200 Jan 03 j 19:04	12°♐16'11	3°59'49
desc. node	-4201 Feb 11 j 03:23	24°♐19'37		minimum elong	-4200 Jan 03 j 17:34	12°♐19'56	3°59'32
morning max el	-4201 Feb 18 j 00:55	29°♐44'52	27°12'46	min. Earth dist.	-4200 Jan 06 j 16:10	9°♐24'21	0.61975 AU
	-4201 Feb 18 j 07:06	0°♑		morning rise	-4200 Jan 10 j 03:45	6°♐26'50	
	-4201 Mar 11 j 14:43	0°♑		direct	-4200 Jan 17 j 04:43	3°♐54'59	
morning set	-4201 Mar 21 j 01:46	18°♑16'26		desc. node	-4200 Jan 29 j 00:28	9°♐37'41	
	-4201 Mar 26 j 13:35	0°♒		morning max el	-4200 Jan 31 j 04:26	11°♐38'17	27°41'08
max. Earth dist.	-4201 Mar 27 j 16:52	2°♒28'52	1.32584 AU		-4200 Feb 14 j 17:36	0°♑	
					-4200 Mar 02 j 20:18	0°♑	
superior conj	-4201 Mar 28 j 04:30	3°♒32'31	-0°02'52	morning set	-4200 Mar 04 j 06:37	2°♑53'18	
minimum elong	-4201 Mar 28 j 04:38	3°♒33'13	0°02'56	max. Earth dist.	-4200 Mar 10 j 04:01	15°♑17'19	1.32811 AU
behind sun begin	-4201 Mar 27 j 23:42	3°♒06'12					
behind sun end	-4201 Mar 28 j 09:34	4°♒00'15		superior conj	-4200 Mar 11 j 15:05	18°♑27'05	-0°27'54
asc. node	-4201 Mar 28 j 11:03	4°♒08'19		minimum elong	-4200 Mar 11 j 16:19	18°♑33'52	0°27'47
evening rise	-4201 Apr 04 j 03:50	18°♒36'18		asc. node	-4200 Mar 14 j 08:03	24°♑20'19	
	-4201 Apr 09 j 19:47	0°♓			-4200 Mar 16 j 22:56	0°♒	
	-4201 Apr 29 j 14:50	0°♓		evening rise	-4200 Mar 18 j 15:14	3°♒34'14	
evening max el	-4201 May 02 j 04:07	2°♓36'41	25°51'34		-4200 Apr 02 j 00:10	0°♓	
desc. node	-4201 May 10 j 02:04	8°♓21'50		evening max el	-4200 Apr 12 j 21:00	13°♓33'03	24°27'35
retrograde	-4201 May 16 j 06:09	9°♓51'37		desc. node	-4200 Apr 25 j 23:12	20°♓32'44	
evening set	-4201 May 22 j 02:17	8°♓29'18		retrograde	-4200 Apr 26 j 19:09	20°♓34'20	
min. Earth dist.	-4201 May 26 j 16:34	5°♓44'45	0.58656 AU	evening set	-4200 May 01 j 08:22	19°♓47'36	
inferior conj	-4201 May 30 j 00:21	3°♓18'20	-4°08'08	min. Earth dist.	-4200 May 07 j 08:55	16°♓46'23	0.56837 AU
minimum elong	-4201 May 29 j 21:43	3°♓23'12	4°07'47	inferior conj	-4200 May 10 j 02:09	15°♓02'03	-3°24'24
	-4201 Jun 04 j 01:28	30°♓		minimum elong	-4200 May 09 j 20:37	15°♓10'58	3°23'11
morning rise	-4201 Jun 06 j 19:49	28°♓54'01		morning rise	-4200 May 18 j 12:02	10°♓56'12	
direct	-4201 Jun 09 j 07:52	28°♓33'23		direct	-4200 May 20 j 23:14	10°♓39'30	
	-4201 Jun 14 j 06:53	0°♓		morning max el	-4200 May 30 j 08:32	15°♓01'11	19°28'50
morning max el	-4201 Jun 17 j 08:57	2°♓21'54	18°37'54	asc. node	-4200 Jun 10 j 07:45	0°♓25'09	
asc. node	-4201 Jun 24 j 10:45	11°♓31'49			-4200 Jun 10 j 02:07	0°♓	
morning set	-4201 Jul 03 j 16:21	28°♓18'19		morning set	-4200 Jun 16 j 15:53	12°♓34'11	
	-4201 Jul 04 j 13:20	0°♔					
				superior conj	-4200 Jun 24 j 19:34	28°♓51'11	1°45'20

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4200 Jun 24 j 17:56	28° J 43'11	1°45'25	morning set	-4199 May 31 j 21:37	27° Y 11'20	
	-4200 Jun 25 j 09:38	0° II			-4199 Jun 02 j 06:29	0° B	
max. Earth dist.	-4200 Jun 30 j 19:18	10° II 17'24	1.37645 AU				
evening rise	-4200 Jul 04 j 15:56	17° II 17'54		superior conj	-4199 Jun 08 j 12:52	12° B 55'24	1°34'16
	-4200 Jul 12 j 02:29	0° C		minimum elong	-4199 Jun 08 j 10:20	12° B 42'30	1°34'09
desc. node	-4200 Jul 22 j 22:04	16° C 42'18		max. Earth dist.	-4199 Jun 13 j 02:21	22° B 02'46	1.35940 AU
	-4200 Aug 01 j 17:19	0° Q		evening rise	-4199 Jun 17 j 07:22	0° II 05'14	
evening max el	-4200 Aug 09 j 12:51	8° Q 50'16	25°11'30		-4199 Jun 17 j 06:14	0° II	
retrograde	-4200 Aug 21 j 09:18	15° Q 43'30			-4199 Jul 05 j 05:47	0° C	
evening set	-4200 Aug 27 j 05:58	13° Q 12'45		desc. node	-4199 Jul 09 j 19:07	6° C 30'53	
min. Earth dist.	-4200 Aug 31 j 16:51	8° Q 09'58	0.66954 AU	evening max el	-4199 Jul 22 j 23:45	22° C 21'01	26°17'46
inferior conj	-4200 Sep 01 j 15:32	6° Q 55'34	-1°32'33	retrograde	-4199 Aug 04 j 16:12	29° C 33'53	
minimum elong	-4200 Sep 01 j 17:40	6° Q 48'34	1°31'32	evening set	-4199 Aug 11 j 02:55	26° C 50'20	
asc. node	-4200 Sep 06 j 07:00	1° Q 37'10		min. Earth dist.	-4199 Aug 15 j 05:40	22° C 25'29	0.66226 AU
morning rise	-4200 Sep 07 j 05:25	0° Q 54'29		inferior conj	-4199 Aug 16 j 16:22	20° C 37'59	-2°22'38
	-4200 Sep 09 j 00:48	30° R C		minimum elong	-4199 Aug 16 j 19:30	20° C 28'17	2°21'22
direct	-4200 Sep 10 j 17:20	29° C 43'37		morning rise	-4199 Aug 22 j 12:17	14° C 47'52	
	-4200 Sep 12 j 11:03	0° Q		asc. node	-4199 Aug 24 j 04:04	14° C 04'10	
morning max el	-4200 Sep 18 j 04:22	4° Q 01'50	19°46'22	direct	-4199 Aug 25 j 15:26	13° C 51'45	
	-4200 Oct 06 j 19:45	0° R		morning max el	-4199 Sep 01 j 12:23	17° C 43'46	18°53'48
morning set	-4200 Oct 13 j 11:05	10° R 15'03			-4199 Sep 10 j 18:12	0° Q	
desc. node	-4200 Oct 18 j 21:46	18° R 44'10		morning set	-4199 Sep 23 j 02:42	19° Q 24'29	
max. Earth dist.	-4200 Oct 25 j 20:54	29° R 42'54	1.44147 AU		-4199 Sep 29 j 19:11	0° R	
	-4200 Oct 26 j 01:12	0° Q		desc. node	-4199 Oct 05 j 18:43	9° R 25'51	
				max. Earth dist.	-4199 Oct 08 j 13:31	13° R 49'04	1.44776 AU
superior conj	-4200 Oct 30 j 03:28	6° Q 33'24	-1°07'22				
minimum elong	-4200 Oct 29 j 20:38	6° Q 05'55	1°06'36	superior conj	-4199 Oct 09 j 07:22	14° R 59'26	-0°22'13
evening rise	-4200 Nov 12 j 22:18	29° Q 21'38		minimum elong	-4199 Oct 09 j 04:28	14° R 48'01	0°21'47
	-4200 Nov 13 j 07:22	0° R			-4199 Oct 18 j 18:37	0° Q	
evening max el	-4200 Dec 01 j 10:30	27° R 47'59	18°19'31	evening rise	-4199 Oct 24 j 23:02	9° Q 55'41	
asc. node	-4200 Dec 03 j 05:49	29° R 26'02			-4199 Nov 06 j 12:32	0° R	
	-4200 Dec 04 j 00:27	0° R		evening max el	-4199 Nov 14 j 22:07	11° R 13'01	18°49'01
retrograde	-4200 Dec 07 j 23:58	1° R 22'26		asc. node	-4199 Nov 20 j 02:55	14° R 48'54	
evening set	-4200 Dec 10 j 20:53	0° R 38'31		retrograde	-4199 Nov 21 j 17:02	15° R 02'56	
	-4200 Dec 11 j 23:02	30° R R		evening set	-4199 Nov 24 j 19:27	14° R 08'10	
inferior conj	-4200 Dec 16 j 23:58	25° R 12'23	3°39'01	inferior conj	-4199 Nov 30 j 15:05	8° R 25'12	3°05'30
minimum elong	-4200 Dec 16 j 21:09	25° R 20'16	3°38'22	minimum elong	-4199 Nov 30 j 11:53	8° R 34'55	3°04'32
min. Earth dist.	-4200 Dec 19 j 07:00	22° R 39'11	0.63722 AU	min. Earth dist.	-4199 Dec 02 j 07:31	6° R 22'10	0.65141 AU
morning rise	-4200 Dec 22 j 20:48	19° R 12'38		morning rise	-4199 Dec 06 j 03:58	2° R 17'58	
direct	-4200 Dec 29 j 20:54	16° R 23'55			-4199 Dec 09 j 20:44	30° R Q	
morning max el	-4199 Jan 12 j 12:17	24° R 07'41	27°33'17	direct	-4199 Dec 12 j 19:42	29° Q 27'28	
desc. node	-4199 Jan 14 j 21:30	26° R 36'23			-4199 Dec 15 j 22:52	0° R	
	-4199 Jan 17 j 20:40	0° R		morning max el	-4199 Dec 25 j 21:49	7° R 02'34	26°53'10
	-4199 Feb 07 j 01:01	0° C		desc. node	-4198 Jan 01 j 18:30	14° R 46'48	
morning set	-4199 Feb 16 j 04:29	17° C 04'58			-4198 Jan 12 j 18:14	0° R	
max. Earth dist.	-4199 Feb 21 j 08:35	27° C 39'39	1.33423 AU		-4198 Jan 30 j 07:30	0° C	
	-4199 Feb 22 j 11:13	0° C		morning set	-4198 Jan 30 j 16:06	0° C 41'08	
				max. Earth dist.	-4198 Feb 04 j 03:09	9° C 27'41	1.34471 AU
superior conj	-4199 Feb 23 j 22:41	3° C 08'34	-0°52'22				
minimum elong	-4199 Feb 24 j 00:56	3° C 20'36	0°52'06	superior conj	-4198 Feb 08 j 01:18	17° C 30'31	-1°15'03
asc. node	-4199 Mar 01 j 05:02	14° C 25'53		minimum elong	-4198 Feb 08 j 04:16	17° C 45'54	1°14'47
evening rise	-4199 Mar 03 j 02:40	18° C 27'26			-4198 Feb 13 j 23:58	0° C	
	-4199 Mar 08 j 20:25	0° R		evening rise	-4198 Feb 15 j 12:25	3° C 10'12	
evening max el	-4199 Mar 25 j 13:28	24° R 16'04	22°53'43	asc. node	-4198 Feb 16 j 02:03	4° C 20'41	
	-4199 Apr 03 j 06:56	0° Y			-4198 Mar 02 j 20:21	0° R	
retrograde	-4199 Apr 07 j 19:27	0° Y 46'29		evening max el	-4198 Mar 07 j 11:44	5° R 12'47	21°23'22
evening set	-4199 Apr 11 j 02:11	0° Y 22'56		retrograde	-4198 Mar 19 j 09:51	10° R 55'35	
	-4199 Apr 12 j 10:59	30° R R		evening set	-4198 Mar 21 j 22:17	10° R 41'09	
desc. node	-4199 Apr 12 j 20:21	29° R 52'10		desc. node	-4198 Mar 30 j 17:27	6° R 57'35	
min. Earth dist.	-4199 Apr 18 j 23:34	26° R 53'29	0.55583 AU	inferior conj	-4198 Mar 31 j 05:06	6° R 41'11	-0°08'04
inferior conj	-4199 Apr 20 j 09:06	26° R 04'55	-2°00'41	minimum elong	-4198 Mar 31 j 04:43	6° R 41'43	0°08'01
minimum elong	-4199 Apr 20 j 04:06	26° R 12'10	1°59'09	transit middle	-4198 Mar 31 j 04:43	6° R 41'43	0°08'01
morning rise	-4199 Apr 29 j 08:15	22° R 07'28		transit begin	-4198 Mar 31 j 01:11	6° R 46'43	
direct	-4199 May 01 j 20:52	21° R 52'20		transit end	-4198 Mar 31 j 08:16	6° R 36'43	
morning max el	-4199 May 12 j 21:53	27° R 01'37	20°39'42	min. Earth dist.	-4198 Mar 31 j 13:40	6° R 29'06	0.55175 AU
	-4199 May 15 j 18:07	0° Y		morning rise	-4198 Apr 09 j 11:07	2° R 36'16	
asc. node	-4199 May 28 j 04:44	19° Y 47'15		direct	-4198 Apr 12 j 09:29	2° R 17'23	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning max el	-4198 Apr 25 j 00:15	8° X 19'49	22°07'48	morning max el	-4197 Apr 06 j 18:05	19° \approx 04'51	23°46'10
	-4198 May 10 j 05:22	0° Y			-4197 Apr 15 j 19:14	0° X	
asc. node	-4198 May 15 j 01:43	9° Y 30'42		morning set	-4197 Apr 30 j 19:11	27° X 04'16	
morning set	-4198 May 16 j 07:20	12° Y 03'25		asc. node	-4197 May 01 j 22:43	29° X 29'18	
					-4197 May 02 j 04:30	0° Y	
superior conj	-4198 May 23 j 14:21	27° Y 26'07	1°18'02	superior conj	-4197 May 07 j 21:17	12° Y 14'43	0°58'07
minimum elong	-4198 May 23 j 11:40	27° Y 12'02	1°17'45	minimum elong	-4197 May 07 j 19:00	12° Y 02'27	0°57'45
	-4198 May 24 j 19:45	0° X			-4197 May 09 j 21:45	16° Y 33'38	1.33561 AU
max. Earth dist.	-4198 May 26 j 19:11	4° X 05'18	1.34570 AU	max. Earth dist.	-4197 May 15 j 09:18	27° Y 54'10	
evening rise	-4198 May 31 j 14:39	13° X 41'54		evening rise	-4197 May 16 j 10:34	0° X	
	-4198 Jun 09 j 12:40	0° II			-4197 Jun 02 j 18:03	0° II	
desc. node	-4198 Jun 26 j 16:10	25° II 47'01		desc. node	-4197 Jun 13 j 13:14	14° II 17'11	
	-4198 Jun 30 j 02:33	0° X			-4197 Jun 17 j 21:49	18° II 52'48	27°24'55
evening max el	-4198 Jul 05 j 11:15	5° X 45'49	27°04'36	evening max el	-4197 Jun 17 j 21:49	18° II 52'48	27°24'55
retrograde	-4198 Jul 18 j 17:43	13° X 07'34		retrograde	-4197 Jul 01 j 13:29	26° II 16'52	
evening set	-4198 Jul 25 j 15:39	10° X 19'39		evening set	-4197 Jul 08 j 17:07	23° II 36'22	
min. Earth dist.	-4198 Jul 29 j 11:18	6° X 32'48	0.65134 AU	min. Earth dist.	-4197 Jul 12 j 07:48	20° II 23'27	0.63661 AU
inferior conj	-4198 Jul 31 j 11:21	4° X 15'17	-3°07'59	inferior conj	-4197 Jul 14 j 21:58	17° II 42'41	-3°45'35
minimum elong	-4198 Jul 31 j 15:03	4° X 04'40	3°06'46	minimum elong	-4197 Jul 15 j 01:28	17° II 33'34	3°44'43
	-4198 Aug 04 j 14:55	30° X II		morning rise	-4197 Jul 21 j 10:40	12° II 24'23	
morning rise	-4198 Aug 06 j 14:53	28° II 39'25		direct	-4197 Jul 24 j 03:02	11° II 48'49	
direct	-4198 Aug 09 j 11:34	27° II 54'55		asc. node	-4197 Jul 28 j 22:15	13° II 42'07	
asc. node	-4198 Aug 11 j 01:09	28° II 08'09		morning max el	-4197 Jul 30 j 15:45	15° II 13'41	17°58'59
	-4198 Aug 14 j 09:54	0° X			-4197 Aug 10 j 00:10	0° X	
morning max el	-4198 Aug 16 j 00:58	1° X 29'02	18°17'37	morning set	-4197 Aug 16 j 17:27	11° X 33'53	
morning set	-4198 Sep 03 j 21:14	29° X 52'21			-4197 Aug 27 j 13:22	0° X	
	-4198 Sep 03 j 23:05	0° X					
superior conj	-4198 Sep 18 j 08:34	23° X 21'49	0°27'01	superior conj	-4197 Aug 29 j 04:35	2° X 42'06	1°07'58
minimum elong	-4198 Sep 18 j 11:52	23° X 35'00	0°26'42	minimum elong	-4197 Aug 29 j 10:26	3° X 06'10	1°07'29
max. Earth dist.	-4198 Sep 21 j 07:46	28° X 04'06	1.44680 AU	max. Earth dist.	-4197 Sep 04 j 00:08	12° X 08'46	1.43879 AU
desc. node	-4198 Sep 22 j 15:39	0° X 09'55		desc. node	-4197 Sep 09 j 12:35	20° X 53'46	
	-4198 Sep 22 j 13:07	0° X		evening rise	-4197 Sep 14 j 05:13	28° X 12'15	
evening rise	-4198 Oct 04 j 22:53	19° X 25'54			-4197 Sep 15 j 09:08	0° X	
	-4198 Oct 11 j 17:54	0° X			-4197 Oct 05 j 16:41	0° X	
greatest brilliancy	-4198 Oct 16 j 13:03	7° X 22'41	-0.7m	evening max el	-4197 Oct 12 j 08:54	8° X 05'53	20°35'45
evening max el	-4198 Oct 29 j 06:13	24° X 39'42	19°35'06	retrograde	-4197 Oct 20 j 10:39	12° X 51'41	
retrograde	-4198 Nov 05 j 13:24	28° X 53'40		evening set	-4197 Oct 24 j 06:15	11° X 27'50	
asc. node	-4198 Nov 07 j 00:02	28° X 41'36		asc. node	-4197 Oct 24 j 21:10	10° X 58'14	
evening set	-4198 Nov 08 j 23:19	27° X 45'38		inferior conj	-4197 Oct 29 j 16:26	5° X 20'18	1°35'32
inferior conj	-4198 Nov 14 j 13:22	21° X 48'44	2°23'22	minimum elong	-4197 Oct 29 j 14:21	5° X 27'20	1°34'43
minimum elong	-4198 Nov 14 j 10:30	21° X 58'02	2°22'21	min. Earth dist.	-4197 Oct 30 j 07:32	4° X 29'10	0.66915 AU
min. Earth dist.	-4198 Nov 15 j 16:21	20° X 21'07	0.66201 AU		-4197 Nov 02 j 23:19	30° X II	
morning rise	-4198 Nov 19 j 21:28	15° X 36'21		morning rise	-4197 Nov 03 j 22:17	29° X 05'08	
direct	-4198 Nov 26 j 00:11	12° X 56'02		direct	-4197 Nov 09 j 09:56	26° X 42'24	
morning max el	-4198 Dec 08 j 07:03	20° X 10'42	25°48'16		-4197 Nov 16 j 21:26	0° X	
	-4198 Dec 16 j 18:41	0° X		morning max el	-4197 Nov 20 j 15:51	3° X 24'29	24°27'47
desc. node	-4198 Dec 19 j 15:31	3° X 47'05		desc. node	-4197 Dec 06 j 12:31	23° X 22'48	
	-4197 Jan 05 j 21:14	0° X			-4197 Dec 11 j 00:48	0° X	
morning set	-4197 Jan 13 j 13:00	13° X 27'41		morning set	-4197 Dec 26 j 13:35	25° X 09'28	
max. Earth dist.	-4197 Jan 17 j 10:09	20° X 44'24	1.35966 AU	max. Earth dist.	-4197 Dec 29 j 07:17	0° X	
	-4197 Jan 22 j 03:33	0° X			-4197 Dec 30 j 08:22	1° X 52'59	1.37835 AU
superior conj	-4197 Jan 22 j 20:21	1° X 24'18	-1°34'28	superior conj	-4196 Jan 06 j 04:26	14° X 40'32	-1°48'29
minimum elong	-4197 Jan 22 j 23:25	1° X 39'45	1°34'19	minimum elong	-4196 Jan 06 j 06:40	14° X 51'20	1°48'33
evening rise	-4197 Jan 30 j 18:33	17° X 35'44			-4196 Jan 13 j 23:07	0° X	
asc. node	-4197 Feb 02 j 23:04	23° X 59'03		evening rise	-4196 Jan 14 j 18:51	1° X 37'53	
	-4197 Feb 06 j 03:04	0° X		asc. node	-4196 Jan 20 j 20:08	13° X 15'04	
evening max el	-4197 Feb 17 j 19:38	16° X 40'09	20°06'17	evening max el	-4196 Jan 31 j 13:57	28° X 43'23	19°07'31
retrograde	-4197 Feb 28 j 01:33	21° X 31'46			-4196 Feb 02 j 00:53	0° X	
evening set	-4197 Mar 02 j 09:11	21° X 17'57		retrograde	-4196 Feb 09 j 06:45	2° X 52'57	
inferior conj	-4197 Mar 11 j 03:49	17° X 18'06	1°43'39	evening set	-4196 Feb 11 j 16:04	2° X 35'29	
minimum elong	-4197 Mar 11 j 07:57	17° X 11'49	1°42'13		-4196 Feb 17 j 07:10	30° X II	
min. Earth dist.	-4197 Mar 13 j 03:40	16° X 06'03	0.55695 AU	inferior conj	-4196 Feb 19 j 17:42	28° X 22'21	3°06'18
desc. node	-4197 Mar 17 j 14:34	13° X 45'12		minimum elong	-4196 Feb 19 j 22:32	28° X 13'59	3°05'03
morning rise	-4197 Mar 20 j 04:47	12° X 49'36		min. Earth dist.	-4196 Feb 22 j 18:48	26° X 16'58	0.57016 AU
direct	-4197 Mar 24 j 01:05	12° X 17'08		morning rise	-4196 Feb 28 j 02:22	23° X 23'29	
				desc. node	-4196 Mar 03 j 11:44	22° X 24'14	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

direct	-4196 Mar 04 j 04:14	22° ♄ 23'06		desc. node	-4195 Feb 18 j 08:52	3° ♄ 51'48	
morning max el	-4196 Mar 18 j 09:04	29° ♄ 40'42	25°22'09	morning max el	-4195 Feb 28 j 02:59	10° ♄ 34'50	26°40'36
	-4196 Mar 18 j 17:01	0° ♄			-4195 Mar 15 j 02:33	0° ♄	
	-4196 Apr 08 j 06:22	0° ♄		morning set	-4195 Mar 29 j 18:15	27° ♄ 05'50	
morning set	-4196 Apr 14 j 07:23	12° ♄ 07'08			-4195 Mar 31 j 03:20	0° ♄	
asc. node	-4196 Apr 17 j 19:41	19° ♄ 37'26		asc. node	-4195 Apr 04 j 16:41	9° ♄ 50'47	
superior conj	-4196 Apr 21 j 07:30	27° ♄ 13'24	0°35'39	superior conj	-4195 Apr 05 j 19:12	12° ♄ 15'51	0°11'31
minimum elong	-4196 Apr 21 j 05:59	27° ♄ 05'10	0°35'19	minimum elong	-4195 Apr 05 j 18:41	12° ♄ 13'05	0°11'20
max. Earth dist.	-4196 Apr 22 j 07:16	29° ♄ 22'36	1.32909 AU	behind sun begin	-4195 Apr 05 j 15:12	11° ♄ 53'56	
	-4196 Apr 22 j 14:10	0° ♄		behind sun end	-4195 Apr 05 j 22:11	12° ♄ 32'13	
evening rise	-4196 Apr 28 j 11:45	12° ♄ 30'17		max. Earth dist.	-4195 Apr 05 j 20:19	12° ♄ 22'01	1.32603 AU
	-4196 May 07 j 14:40	0° ♄		evening rise	-4195 Apr 12 j 19:23	27° ♄ 21'23	
	-4196 May 28 j 17:18	0° ♄			-4195 Apr 14 j 02:02	0° ♄	
evening max el	-4196 May 30 j 05:00	1° ♄ 28'33	27°13'52		-4195 May 01 j 04:30	0° ♄	
desc. node	-4196 May 30 j 10:21	1° ♄ 41'17		evening max el	-4195 May 12 j 06:45	13° ♄ 24'25	26°30'08
retrograde	-4196 Jun 13 j 02:53	8° ♄ 51'45		desc. node	-4195 May 17 j 07:29	17° ♄ 31'41	
evening set	-4196 Jun 20 j 03:23	6° ♄ 32'48		retrograde	-4195 May 26 j 08:37	20° ♄ 43'59	
min. Earth dist.	-4196 Jun 23 j 18:22	3° ♄ 43'29	0.61843 AU	evening set	-4195 Jun 01 j 18:21	18° ♄ 59'20	
inferior conj	-4196 Jun 26 j 21:02	0° ♄ 52'22	-4°10'54	min. Earth dist.	-4195 Jun 05 j 19:59	16° ♄ 17'37	0.59820 AU
minimum elong	-4196 Jun 26 j 23:11	0° ♄ 47'24	4°10'32	inferior conj	-4195 Jun 09 j 04:59	13° ♄ 35'44	-4°17'01
	-4196 Jun 27 j 20:00	30° ♄		minimum elong	-4195 Jun 09 j 04:23	13° ♄ 36'57	4°16'53
morning rise	-4196 Jul 03 j 20:27	25° ♄ 54'18		morning rise	-4195 Jun 16 j 16:41	8° ♄ 59'08	
direct	-4196 Jul 06 j 10:13	25° ♄ 25'40		direct	-4195 Jun 19 j 05:02	8° ♄ 36'00	
morning max el	-4196 Jul 13 j 05:59	28° ♄ 50'50	17°58'44	morning max el	-4195 Jun 26 j 16:44	12° ♄ 12'35	18°17'46
	-4196 Jul 14 j 08:35	0° ♄		asc. node	-4195 Jul 01 j 16:21	18° ♄ 17'22	
asc. node	-4196 Jul 14 j 19:18	0° ♄ 30'20			-4195 Jul 08 j 15:42	0° ♄	
morning set	-4196 Jul 29 j 10:03	24° ♄ 13'53		morning set	-4195 Jul 12 j 17:49	7° ♄ 39'13	
	-4196 Aug 01 j 14:24	0° ♄					
superior conj	-4196 Aug 09 j 04:10	13° ♄ 24'31	1°34'39	superior conj	-4195 Jul 22 j 05:07	25° ♄ 23'01	1°47'18
minimum elong	-4196 Aug 09 j 08:33	13° ♄ 43'27	1°34'30	minimum elong	-4195 Jul 22 j 06:45	25° ♄ 30'25	1°47'26
max. Earth dist.	-4196 Aug 16 j 11:27	25° ♄ 43'30	1.42483 AU		-4195 Jul 24 j 18:34	0° ♄	
	-4196 Aug 19 j 02:20	0° ♄		max. Earth dist.	-4195 Jul 29 j 16:42	8° ♄ 35'59	1.40690 AU
evening rise	-4196 Aug 23 j 11:53	7° ♄ 01'28		evening rise	-4195 Aug 03 j 13:29	16° ♄ 45'16	
desc. node	-4196 Aug 26 j 09:33	11° ♄ 33'51			-4195 Aug 11 j 21:27	0° ♄	
	-4196 Sep 07 j 16:05	0° ♄		desc. node	-4195 Aug 13 j 06:32	2° ♄ 06'37	
evening max el	-4196 Sep 24 j 05:18	21° ♄ 30'48	21°48'05		-4195 Sep 02 j 08:57	0° ♄	
retrograde	-4196 Oct 03 j 06:52	26° ♄ 53'59		evening max el	-4195 Sep 06 j 20:11	4° ♄ 56'18	23°07'33
evening set	-4196 Oct 07 j 14:16	25° ♄ 12'07		retrograde	-4195 Sep 17 j 00:28	10° ♄ 58'09	
asc. node	-4196 Oct 10 j 18:19	21° ♄ 51'34		evening set	-4195 Sep 21 j 21:33	8° ♄ 56'48	
inferior conj	-4196 Oct 12 j 22:12	18° ♄ 57'29	0°44'07	inferior conj	-4195 Sep 27 j 04:50	2° ♄ 38'39	-0°09'05
minimum elong	-4196 Oct 12 j 21:11	19° ♄ 00'58	0°43'44	minimum elong	-4195 Sep 27 j 05:02	2° ♄ 37'57	0°08'54
min. Earth dist.	-4196 Oct 13 j 02:37	18° ♄ 42'14	0.67312 AU	transit middle	-4195 Sep 27 j 05:02	2° ♄ 37'57	0°08'54
morning rise	-4196 Oct 18 j 03:57	12° ♄ 42'14		transit begin	-4195 Sep 27 j 02:46	2° ♄ 45'45	
direct	-4196 Oct 23 j 00:25	10° ♄ 40'26		transit end	-4195 Sep 27 j 07:18	2° ♄ 30'08	
morning max el	-4196 Nov 02 j 01:56	16° ♄ 40'57	23°01'24	min. Earth dist.	-4195 Sep 26 j 23:05	2° ♄ 58'27	0.67416 AU
	-4196 Nov 13 j 00:25	0° ♄		asc. node	-4195 Sep 27 j 15:27	2° ♄ 02'08	
desc. node	-4196 Nov 22 j 09:29	13° ♄ 23'32			-4195 Sep 29 j 04:03	30° ♄	
	-4196 Dec 03 j 02:39	0° ♄		morning rise	-4195 Oct 02 j 12:24	26° ♄ 26'22	
morning set	-4196 Dec 06 j 11:50	5° ♄ 31'40		direct	-4195 Oct 06 j 18:48	24° ♄ 45'45	
max. Earth dist.	-4196 Dec 11 j 04:22	13° ♄ 26'32	1.39892 AU	morning max el	-4195 Oct 15 j 16:22	0° ♄ 02'11	21°37'44
					-4195 Oct 15 j 15:30	0° ♄	
superior conj	-4196 Dec 18 j 21:07	27° ♄ 07'31	-1°54'21		-4195 Nov 06 j 20:01	0° ♄	
minimum elong	-4196 Dec 18 j 21:12	27° ♄ 07'52	1°54'31	desc. node	-4195 Nov 09 j 06:25	3° ♄ 41'44	
	-4196 Dec 20 j 10:31	0° ♄		morning set	-4195 Nov 16 j 05:34	14° ♄ 32'00	
evening rise	-4196 Dec 28 j 10:35	15° ♄ 09'38		max. Earth dist.	-4195 Nov 23 j 05:06	25° ♄ 49'33	1.41871 AU
	-4195 Jan 05 j 12:04	0° ♄			-4195 Nov 25 j 17:14	0° ♄	
asc. node	-4195 Jan 06 j 17:13	2° ♄ 01'09		superior conj	-4195 Nov 30 j 16:51	8° ♄ 30'49	-1°48'29
evening max el	-4195 Jan 13 j 17:05	11° ♄ 18'25	18°28'48	minimum elong	-4195 Nov 30 j 13:28	8° ♄ 16'08	1°48'25
retrograde	-4195 Jan 21 j 06:14	15° ♄ 00'26		evening rise	-4195 Dec 11 j 14:14	28° ♄ 02'29	
evening set	-4195 Jan 23 j 18:39	14° ♄ 37'04			-4195 Dec 12 j 15:55	0° ♄	
inferior conj	-4195 Jan 31 j 03:54	10° ♄ 04'22	3°51'09	asc. node	-4195 Dec 24 j 14:19	20° ♄ 07'02	
minimum elong	-4195 Jan 31 j 06:27	9° ♄ 59'15	3°50'41	evening max el	-4195 Dec 28 j 02:11	24° ♄ 15'54	18°10'01
min. Earth dist.	-4195 Feb 03 j 13:08	7° ♄ 22'29	0.58850 AU	retrograde	-4194 Jan 03 j 22:32	27° ♄ 45'12	
morning rise	-4195 Feb 07 j 16:02	4° ♄ 40'23		evening set	-4194 Jan 06 j 13:57	27° ♄ 14'37	
direct	-4195 Feb 13 j 20:48	3° ♄ 01'23		inferior conj	-4194 Jan 13 j 09:22	22° ♄ 20'15	4°03'42

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4194 Jan 13 j 09:07	22° ♁ 20'49	4°03'31	evening set	-4194 Dec 20 j 22:29	10° ♁ 19'08	
min. Earth dist.	-4194 Jan 16 j 13:17	19° ♁ 25'29	0.60860 AU	inferior conj	-4194 Dec 27 j 06:48	5° ♁ 03'47	3°52'52
morning rise	-4194 Jan 20 j 02:53	16° ♁ 38'52		minimum elong	-4194 Dec 27 j 04:36	5° ♁ 09'32	3°52'26
direct	-4194 Jan 27 j 00:05	14° ♁ 23'00		min. Earth dist.	-4194 Dec 29 j 22:07	2° ♁ 18'14	0.62760 AU
desc. node	-4194 Feb 05 j 05:57	17° ♁ 55'20			-4193 Jan 01 j 08:59	30° ♁	
morning max el	-4194 Feb 10 j 02:39	22° ♁ 03'41	27°29'15	morning rise	-4193 Jan 02 j 09:57	29° ♁ 09'55	
	-4194 Feb 17 j 03:12	0° ♁		direct	-4193 Jan 09 j 11:48	26° ♁ 29'07	
	-4194 Mar 08 j 01:40	0° ♁			-4193 Jan 18 j 10:39	0° ♁	
morning set	-4194 Mar 14 j 01:52	11° ♁ 52'21		desc. node	-4193 Jan 23 j 03:01	4° ♁ 00'04	
max. Earth dist.	-4194 Mar 20 j 09:09	25° ♁ 17'42	1.32634 AU	morning max el	-4193 Jan 23 j 08:05	4° ♁ 12'29	27°42'05
					-4193 Feb 11 j 17:08	0° ♁	
superior conj	-4194 Mar 21 j 06:38	27° ♁ 14'48	-0°13'29	morning set	-4193 Feb 26 j 04:02	26° ♁ 19'02	
minimum elong	-4194 Mar 21 j 07:14	27° ♁ 18'08	0°13'28		-4193 Feb 27 j 23:21	0° ♁	
behind sun begin	-4194 Mar 21 j 04:35	27° ♁ 03'38		max. Earth dist.	-4193 Mar 03 j 17:59	7° ♁ 56'20	1.33026 AU
behind sun end	-4194 Mar 21 j 09:53	27° ♁ 32'37					
asc. node	-4194 Mar 22 j 13:40	0° ♁ 04'21		superior conj	-4193 Mar 05 j 16:07	12° ♁ 04'13	-0°38'25
	-4194 Mar 22 j 12:52	0° ♁		minimum elong	-4193 Mar 05 j 17:49	12° ♁ 13'23	0°38'13
evening rise	-4194 Mar 28 j 05:55	12° ♁ 18'40		asc. node	-4193 Mar 09 j 10:40	20° ♁ 14'01	
	-4194 Apr 06 j 07:17	0° ♁		evening rise	-4193 Mar 12 j 17:31	27° ♁ 15'12	
evening max el	-4194 Apr 24 j 02:28	24° ♁ 39'38	25°18'02		-4193 Mar 14 j 01:05	0° ♁	
	-4194 May 01 j 06:18	0° ♁			-4193 Mar 31 j 19:43	0° ♁	
desc. node	-4194 May 04 j 04:37	1° ♁ 12'50		evening max el	-4193 Apr 05 j 18:32	5° ♁ 27'03	23°48'00
retrograde	-4194 May 08 j 04:08	1° ♁ 49'58		retrograde	-4193 Apr 19 j 11:14	12° ♁ 16'45	
evening set	-4194 May 13 j 11:38	0° ♁ 44'06		desc. node	-4193 Apr 21 j 01:46	12° ♁ 10'58	
	-4194 May 15 j 02:13	30° ♁		evening set	-4193 Apr 23 j 10:51	11° ♁ 41'44	
min. Earth dist.	-4194 May 18 j 14:54	27° ♁ 53'45	0.57838 AU	min. Earth dist.	-4193 Apr 30 j 05:58	8° ♁ 30'09	0.56221 AU
inferior conj	-4194 May 21 j 18:21	25° ♁ 43'14	-3°54'23	inferior conj	-4193 May 02 j 11:36	7° ♁ 08'38	-2°53'38
minimum elong	-4194 May 21 j 14:17	25° ♁ 50'22	3°53'43	minimum elong	-4193 May 02 j 05:44	7° ♁ 17'38	2°52'06
morning rise	-4194 May 29 j 19:50	21° ♁ 27'06		morning rise	-4193 May 11 j 03:29	3° ♁ 07'54	
direct	-4194 Jun 01 j 07:24	21° ♁ 08'18		direct	-4193 May 13 j 15:02	2° ♁ 52'06	
morning max el	-4194 Jun 09 j 21:04	25° ♁ 09'29	18°56'58	morning max el	-4193 May 23 j 16:21	7° ♁ 32'19	19°56'37
	-4194 Jun 14 j 02:13	0° ♁		asc. node	-4193 Jun 05 j 10:20	25° ♁ 56'12	
asc. node	-4194 Jun 18 j 13:21	6° ♁ 49'36			-4193 Jun 07 j 13:30	0° ♁	
morning set	-4194 Jun 26 j 12:34	21° ♁ 39'13		morning set	-4193 Jun 10 j 15:02	6° ♁ 05'07	
	-4194 Jun 30 j 18:20	0° ♁					
superior conj	-4194 Jul 05 j 01:47	8° ♁ 21'56	1°48'36	superior conj	-4193 Jun 18 j 12:48	22° ♁ 06'06	1°41'22
minimum elong	-4194 Jul 05 j 01:05	8° ♁ 18'34	1°48'46	minimum elong	-4193 Jun 18 j 10:41	21° ♁ 55'32	1°41'23
max. Earth dist.	-4194 Jul 11 j 18:37	20° ♁ 48'29	1.38742 AU		-4193 Jun 22 j 13:25	0° ♁	
evening rise	-4194 Jul 15 j 17:16	27° ♁ 45'27		max. Earth dist.	-4193 Jun 23 j 22:24	2° ♁ 37'37	1.36887 AU
	-4194 Jul 17 j 00:38	0° ♁		evening rise	-4193 Jun 27 j 21:07	9° ♁ 57'18	
desc. node	-4194 Jul 31 j 03:31	22° ♁ 27'33			-4193 Jul 09 j 16:48	0° ♁	
	-4194 Aug 05 j 09:04	0° ♁		desc. node	-4193 Jul 18 j 00:33	12° ♁ 30'18	
evening max el	-4194 Aug 20 j 07:49	18° ♁ 25'04	24°27'54		-4193 Jul 31 j 21:04	0° ♁	
retrograde	-4194 Aug 31 j 14:22	25° ♁ 01'16		evening max el	-4193 Aug 02 j 18:28	1° ♁ 55'56	25°41'34
evening set	-4194 Sep 06 j 02:23	22° ♁ 40'42		retrograde	-4193 Aug 14 j 23:48	8° ♁ 58'08	
inferior conj	-4194 Sep 11 j 10:37	16° ♁ 22'26	-1°02'24	evening set	-4193 Aug 21 j 02:48	6° ♁ 21'05	
minimum elong	-4194 Sep 11 j 12:04	16° ♁ 17'33	1°01'39	min. Earth dist.	-4193 Aug 25 j 10:09	1° ♁ 34'30	0.66693 AU
min. Earth dist.	-4194 Sep 10 j 18:24	17° ♁ 16'52	0.67217 AU	inferior conj	-4193 Aug 26 j 13:47	0° ♁ 05'53	-1°54'13
asc. node	-4194 Sep 14 j 12:33	12° ♁ 29'14		minimum elong	-4193 Aug 26 j 16:23	29° ♁ 57'33	1°53'04
morning rise	-4194 Sep 16 j 21:44	10° ♁ 16'21			-4193 Aug 26 j 15:37	30° ♁	
direct	-4194 Sep 20 j 15:53	8° ♁ 55'17		morning rise	-4193 Sep 01 j 06:04	24° ♁ 09'13	
morning max el	-4194 Sep 28 j 13:39	13° ♁ 32'07	20°23'20	asc. node	-4193 Sep 01 j 09:38	24° ♁ 03'38	
	-4194 Oct 11 j 04:02	0° ♁		direct	-4193 Sep 04 j 14:03	23° ♁ 04'56	
morning set	-4194 Oct 26 j 05:09	22° ♁ 46'20		morning max el	-4193 Sep 11 j 18:08	27° ♁ 10'31	19°22'07
desc. node	-4194 Oct 27 j 03:21	24° ♁ 12'29			-4193 Sep 14 j 06:26	0° ♁	
	-4194 Oct 30 j 20:14	0° ♁			-4193 Oct 04 j 12:33	0° ♁	
max. Earth dist.	-4194 Nov 05 j 13:51	9° ♁ 06'49	1.43484 AU	morning set	-4193 Oct 05 j 09:02	1° ♁ 19'59	
				desc. node	-4193 Oct 14 j 00:15	14° ♁ 51'04	
superior conj	-4194 Nov 11 j 10:26	18° ♁ 39'07	-1°27'15	max. Earth dist.	-4193 Oct 19 j 04:52	23° ♁ 02'02	1.44508 AU
minimum elong	-4194 Nov 11 j 03:53	18° ♁ 12'06	1°26'41				
	-4194 Nov 18 j 04:40	0° ♁		superior conj	-4193 Oct 22 j 01:10	27° ♁ 33'04	-0°49'30
evening rise	-4194 Nov 24 j 01:44	10° ♁ 08'55		minimum elong	-4193 Oct 21 j 19:21	27° ♁ 09'55	0°48'47
	-4194 Dec 05 j 20:01	0° ♁			-4193 Oct 23 j 14:01	0° ♁	
asc. node	-4194 Dec 11 j 11:24	7° ♁ 21'02		evening rise	-4193 Nov 05 j 16:21	21° ♁ 19'11	
evening max el	-4194 Dec 11 j 14:22	7° ♁ 28'37	18°10'37		-4193 Nov 10 j 21:58	0° ♁	
retrograde	-4194 Dec 18 j 03:48	10° ♁ 57'55		evening max el	-4193 Nov 25 j 02:52	20° ♁ 49'57	18°29'52
				asc. node	-4193 Nov 28 j 08:29	23° ♁ 28'42	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

retrograde	-4193 Dec 01 j 17:44	24° \mathbb{M} 29'58		asc. node	-4192 Nov 14 j 05:36	8° \mathbb{M} 14'44	
evening set	-4193 Dec 04 j 16:48	23° \mathbb{M} 41'34		retrograde	-4192 Nov 14 j 12:40	8° \mathbb{M} 15'14	
inferior conj	-4193 Dec 10 j 16:26	18° \mathbb{M} 07'35	3°26'04	evening set	-4192 Nov 17 j 17:56	7° \mathbb{M} 15'13	
minimum elong	-4193 Dec 10 j 13:21	18° \mathbb{M} 16'33	3°25'15	inferior conj	-4192 Nov 23 j 10:57	1° \mathbb{M} 25'45	2°48'28
min. Earth dist.	-4193 Dec 12 j 17:02	15° \mathbb{M} 46'34	0.64372 AU	minimum elong	-4192 Nov 23 j 07:50	1° \mathbb{M} 35'33	2°47'27
morning rise	-4193 Dec 16 j 09:27	12° \mathbb{M} 04'21			-4192 Nov 24 j 14:12	30° \mathbb{R} \mathbb{A}	
direct	-4193 Dec 23 j 06:36	9° \mathbb{M} 13'33		min. Earth dist.	-4192 Nov 24 j 21:27	29° \mathbb{A} 37'23	0.65633 AU
morning max el	-4192 Jan 05 j 17:07	16° \mathbb{M} 54'29	27°19'51	morning rise	-4192 Nov 28 j 21:25	25° \mathbb{A} 15'44	
desc. node	-4192 Jan 10 j 00:03	21° \mathbb{M} 32'12		direct	-4192 Dec 05 j 07:52	22° \mathbb{A} 28'27	
	-4192 Jan 16 j 16:25	0° \mathbb{A}		morning max el	-4192 Dec 18 j 02:54	29° \mathbb{A} 57'09	26°28'03
	-4192 Feb 04 j 11:31	0° \mathbb{B}			-4192 Dec 18 j 04:02	0° \mathbb{M}	
morning set	-4192 Feb 09 j 22:00	10° \mathbb{B} 16'54		desc. node	-4192 Dec 26 j 21:04	10° \mathbb{M} 06'02	
max. Earth dist.	-4192 Feb 14 j 18:54	20° \mathbb{B} 05'40	1.33815 AU		-4191 Jan 09 j 14:19	0° \mathbb{A}	
				morning set	-4191 Jan 23 j 03:59	23° \mathbb{A} 33'58	
superior conj	-4192 Feb 17 j 21:52	26° \mathbb{B} 38'00	-1°02'18		-4191 Jan 26 j 12:24	0° \mathbb{B}	
minimum elong	-4192 Feb 18 j 00:28	26° \mathbb{B} 51'47	1°02'01	max. Earth dist.	-4191 Jan 27 j 08:37	1° \mathbb{B} 39'21	1.35049 AU
	-4192 Feb 19 j 11:55	0° \mathbb{A}					
asc. node	-4192 Feb 24 j 07:40	10° \mathbb{A} 15'41		superior conj	-4191 Jan 31 j 21:36	10° \mathbb{B} 48'49	-1°23'49
evening rise	-4192 Feb 25 j 04:28	12° \mathbb{A} 04'49		minimum elong	-4191 Feb 01 j 00:42	11° \mathbb{B} 04'43	1°23'35
	-4192 Mar 05 j 11:29	0° \mathbb{H}		evening rise	-4191 Feb 08 j 12:56	26° \mathbb{B} 40'56	
evening max el	-4192 Mar 17 j 12:36	16° \mathbb{H} 12'25	22°14'07	asc. node	-4191 Feb 10 j 04:42	0° \mathbb{A} 04'11	
retrograde	-4192 Mar 30 j 06:39	22° \mathbb{H} 24'35			-4191 Feb 10 j 03:53	0° \mathbb{A}	
evening set	-4192 Apr 02 j 03:54	22° \mathbb{H} 06'10		evening max el	-4191 Feb 27 j 14:35	27° \mathbb{A} 20'29	20°48'35
desc. node	-4192 Apr 06 j 22:54	20° \mathbb{H} 24'29			-4191 Mar 02 j 20:51	0° \mathbb{H}	
min. Earth dist.	-4192 Apr 10 j 20:00	18° \mathbb{H} 20'45	0.55292 AU	retrograde	-4191 Mar 10 j 20:22	2° \mathbb{H} 41'43	
inferior conj	-4192 Apr 11 j 12:28	17° \mathbb{H} 57'27	-1°14'59	evening set	-4191 Mar 13 j 05:09	2° \mathbb{H} 28'24	
minimum elong	-4192 Apr 11 j 09:05	18° \mathbb{H} 02'14	1°13'53		-4191 Mar 19 j 15:58	30° \mathbb{R} \mathbb{A}	
morning rise	-4192 Apr 20 j 15:46	13° \mathbb{H} 59'32		inferior conj	-4191 Mar 22 j 07:51	28° \mathbb{A} 30'30	0°41'29
direct	-4192 Apr 23 j 07:05	13° \mathbb{H} 43'46		minimum elong	-4191 Mar 22 j 09:43	28° \mathbb{A} 27'49	0°40'44
morning max el	-4192 May 05 j 01:01	19° \mathbb{H} 15'08	21°15'30	min. Earth dist.	-4191 Mar 23 j 10:15	27° \mathbb{A} 52'31	0.55274 AU
	-4192 May 13 j 15:51	0° \mathbb{Y}		desc. node	-4191 Mar 24 j 20:04	27° \mathbb{A} 04'53	
asc. node	-4192 May 22 j 07:20	15° \mathbb{Y} 28'44		morning rise	-4191 Mar 31 j 13:17	24° \mathbb{A} 16'55	
morning set	-4192 May 24 j 22:45	20° \mathbb{Y} 50'14		direct	-4191 Apr 03 j 19:09	23° \mathbb{A} 53'59	
	-4192 May 29 j 08:18	0° \mathbb{B}			-4191 Apr 16 j 15:45	0° \mathbb{H}	
superior conj	-4192 Jun 01 j 10:01	6° \mathbb{B} 23'41	1°27'56	morning max el	-4191 Apr 16 j 23:26	0° \mathbb{H} 17'58	22°49'08
minimum elong	-4192 Jun 01 j 07:21	6° \mathbb{B} 09'52	1°27'44		-4191 May 06 j 13:54	0° \mathbb{Y}	
max. Earth dist.	-4192 Jun 05 j 09:27	14° \mathbb{B} 29'03	1.35308 AU	morning set	-4191 May 09 j 09:36	5° \mathbb{Y} 46'44	
evening rise	-4192 Jun 09 j 19:56	23° \mathbb{B} 07'54		asc. node	-4191 May 09 j 04:20	5° \mathbb{Y} 19'18	
	-4192 Jun 13 j 12:50	0° \mathbb{II}		superior conj	-4191 May 16 j 14:09	21° \mathbb{Y} 03'18	1°10'00
	-4192 Jul 02 j 08:15	0° \mathbb{B}		minimum elong	-4191 May 16 j 11:35	20° \mathbb{Y} 49'39	1°09'39
desc. node	-4192 Jul 03 j 21:36	2° \mathbb{B} 07'04		max. Earth dist.	-4191 May 19 j 06:18	26° \mathbb{Y} 40'57	1.34088 AU
evening max el	-4192 Jul 15 j 05:31	15° \mathbb{B} 25'09	26°40'22		-4191 May 20 j 20:48	0° \mathbb{B}	
retrograde	-4192 Jul 28 j 04:29	22° \mathbb{B} 43'09		evening rise	-4191 May 24 j 08:33	7° \mathbb{B} 01'19	
evening set	-4192 Aug 03 j 20:37	19° \mathbb{B} 56'08			-4191 Jun 06 j 02:37	0° \mathbb{II}	
min. Earth dist.	-4192 Aug 07 j 20:04	15° \mathbb{B} 47'57	0.65814 AU	desc. node	-4191 Jun 20 j 18:41	21° \mathbb{II} 05'58	
inferior conj	-4192 Aug 09 j 12:24	13° \mathbb{B} 46'50	-2°42'36	evening max el	-4191 Jun 27 j 16:43	28° \mathbb{II} 43'34	27°16'47
minimum elong	-4192 Aug 09 j 15:51	13° \mathbb{B} 36'28	2°41'19		-4191 Jun 29 j 01:33	0° \mathbb{B}	
morning rise	-4192 Aug 15 j 11:26	8° \mathbb{B} 02'42		retrograde	-4191 Jul 11 j 03:55	6° \mathbb{B} 07'50	
direct	-4192 Aug 18 j 11:31	7° \mathbb{B} 11'59		evening set	-4191 Jul 18 j 05:02	3° \mathbb{B} 21'14	
asc. node	-4192 Aug 18 j 06:43	7° \mathbb{B} 12'13			-4191 Jul 21 j 18:12	30° \mathbb{R} \mathbb{II}	
morning max el	-4192 Aug 25 j 04:28	10° \mathbb{B} 55'11	18°36'19	min. Earth dist.	-4191 Jul 21 j 22:03	29° \mathbb{II} 49'40	0.64551 AU
	-4192 Sep 07 j 15:23	0° \mathbb{Q}		inferior conj	-4191 Jul 24 j 04:11	27° \mathbb{II} 20'48	-3°25'08
morning set	-4192 Sep 14 j 11:38	11° \mathbb{Q} 02'00		minimum elong	-4191 Jul 24 j 07:56	27° \mathbb{II} 10'30	3°24'02
	-4192 Sep 26 j 08:31	0° \mathbb{P}		morning rise	-4191 Jul 30 j 11:27	21° \mathbb{II} 52'08	
desc. node	-4192 Sep 29 j 21:08	5° \mathbb{P} 34'06		direct	-4191 Aug 02 j 05:56	21° \mathbb{II} 11'53	
				asc. node	-4191 Aug 05 j 03:48	21° \mathbb{II} 56'01	
superior conj	-4192 Sep 30 j 00:58	5° \mathbb{P} 49'15	-0°01'01	morning max el	-4191 Aug 08 j 18:22	24° \mathbb{II} 41'19	18°07'27
minimum elong	-4192 Sep 30 j 00:51	5° \mathbb{P} 48'44	0°00'55		-4191 Aug 13 j 02:40	0° \mathbb{B}	
behind sun begin	-4192 Sep 29 j 13:29	5° \mathbb{P} 03'55		morning set	-4191 Aug 26 j 17:39	22° \mathbb{B} 02'50	
behind sun end	-4192 Sep 30 j 12:12	6° \mathbb{P} 33'31			-4191 Aug 31 j 11:26	0° \mathbb{Q}	
max. Earth dist.	-4192 Sep 30 j 22:32	7° \mathbb{P} 14'12	1.44826 AU				
	-4192 Oct 15 j 08:44	0° \mathbb{A}		superior conj	-4191 Sep 09 j 08:15	14° \mathbb{Q} 31'24	0°45'56
evening rise	-4192 Oct 16 j 06:19	1° \mathbb{A} 25'38		minimum elong	-4191 Sep 09 j 13:15	14° \mathbb{Q} 51'32	0°45'28
greatest brilliancy	-4192 Oct 24 j 11:49	14° \mathbb{A} 28'16	-0.8m	max. Earth dist.	-4191 Sep 13 j 15:50	21° \mathbb{Q} 25'23	1.44419 AU
	-4192 Nov 03 j 22:48	0° \mathbb{M}		desc. node	-4191 Sep 16 j 18:06	26° \mathbb{Q} 18'52	
evening max el	-4192 Nov 07 j 13:10	4° \mathbb{M} 15'37	19°06'39		-4191 Sep 19 j 02:26	0° \mathbb{P}	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening rise	-4191 Sep 25 j 21:07	10° \mathbb{M} 33'05			-4190 Oct 03 j 17:14	0° $\underline{\mathbf{A}}$	
	-4191 Oct 08 j 14:16	0° $\underline{\mathbf{A}}$		evening max el	-4190 Oct 04 j 19:17	1° $\underline{\mathbf{A}}$ 09'00	21°05'24
greatest brilliancy	-4191 Oct 09 j 06:20	0° $\underline{\mathbf{A}}$ 59'56	-0.7m	retrograde	-4190 Oct 13 j 06:35	6° $\underline{\mathbf{A}}$ 09'49	
evening max el	-4191 Oct 21 j 19:09	17° $\underline{\mathbf{A}}$ 42'44	19°59'19	evening set	-4190 Oct 17 j 06:58	4° $\underline{\mathbf{A}}$ 38'38	
retrograde	-4191 Oct 29 j 09:42	22° $\underline{\mathbf{A}}$ 09'39		asc. node	-4190 Oct 18 j 23:51	3° $\underline{\mathbf{A}}$ 05'10	
asc. node	-4191 Nov 01 j 02:43	21° $\underline{\mathbf{A}}$ 27'01			-4190 Oct 21 j 12:51	30° \mathbb{R} \mathbb{M}	
evening set	-4191 Nov 01 j 23:22	20° $\underline{\mathbf{A}}$ 55'25		inferior conj	-4190 Oct 22 j 16:01	28° \mathbb{M} 27'57	1°14'02
inferior conj	-4191 Nov 07 j 11:35	14° $\underline{\mathbf{A}}$ 53'44	2°03'38	minimum elong	-4190 Oct 22 j 14:22	28° \mathbb{M} 33'36	1°13'23
minimum elong	-4191 Nov 07 j 09:00	15° $\underline{\mathbf{A}}$ 02'16	2°02'40	min. Earth dist.	-4190 Oct 23 j 02:32	27° \mathbb{M} 51'59	0.67127 AU
min. Earth dist.	-4191 Nov 08 j 09:25	13° $\underline{\mathbf{A}}$ 41'19	0.66543 AU	morning rise	-4190 Oct 27 j 21:36	22° \mathbb{M} 12'30	
morning rise	-4191 Nov 12 j 18:25	8° $\underline{\mathbf{A}}$ 39'39		direct	-4190 Nov 02 j 02:51	19° \mathbb{M} 58'12	
direct	-4191 Nov 18 j 14:53	6° $\underline{\mathbf{A}}$ 05'52		morning max el	-4190 Nov 12 j 20:36	26° \mathbb{M} 22'53	23°51'08
morning max el	-4191 Nov 30 j 11:50	13° $\underline{\mathbf{A}}$ 08'46	25°15'16		-4190 Nov 16 j 04:37	0° $\underline{\mathbf{A}}$	
desc. node	-4191 Dec 13 j 18:03	29° $\underline{\mathbf{A}}$ 23'21		desc. node	-4190 Nov 30 j 15:00	19° $\underline{\mathbf{A}}$ 10'45	
	-4191 Dec 14 j 04:34	0° \mathbb{M}			-4190 Dec 07 j 19:22	0° \mathbb{M}	
	-4190 Jan 02 j 08:27	0° \mathbb{X}		morning set	-4190 Dec 18 j 07:00	17° \mathbb{M} 04'43	
morning set	-4190 Jan 05 j 17:03	5° \mathbb{X} 55'47		max. Earth dist.	-4190 Dec 22 j 06:59	24° \mathbb{M} 01'47	1.38708 AU
max. Earth dist.	-4190 Jan 09 j 10:54	12° \mathbb{X} 47'36	1.36719 AU		-4190 Dec 25 j 14:41	0° \mathbb{X}	
superior conj	-4190 Jan 15 j 12:29	24° \mathbb{X} 28'31	-1°41'13	superior conj	-4190 Dec 29 j 14:38	7° \mathbb{X} 25'32	-1°52'11
minimum elong	-4190 Jan 15 j 15:21	24° \mathbb{X} 42'40	1°41'10	minimum elong	-4190 Dec 29 j 16:07	7° \mathbb{X} 32'36	1°52'19
	-4190 Jan 18 j 06:54	0° \mathbb{Z}		evening rise	-4189 Jan 07 j 13:53	24° \mathbb{X} 47'25	
evening rise	-4190 Jan 23 j 16:55	10° \mathbb{Z} 57'36			-4189 Jan 10 j 06:23	0° \mathbb{Z}	
asc. node	-4190 Jan 28 j 01:46	19° \mathbb{Z} 34'10		asc. node	-4189 Jan 14 j 22:49	8° \mathbb{Z} 38'18	
	-4190 Feb 03 j 00:17	0° \approx		evening max el	-4189 Jan 24 j 01:33	21° \mathbb{Z} 21'46	18°48'33
evening max el	-4190 Feb 10 j 03:10	9° \approx 04'08	19°38'57	retrograde	-4189 Feb 01 j 04:57	25° \mathbb{Z} 17'18	
retrograde	-4190 Feb 19 j 16:22	13° \approx 35'48		evening set	-4189 Feb 03 j 15:47	24° \mathbb{Z} 57'22	
evening set	-4190 Feb 22 j 00:16	13° \approx 20'53		inferior conj	-4189 Feb 11 j 10:10	20° \mathbb{Z} 36'17	3°29'46
inferior conj	-4190 Mar 02 j 11:56	9° \approx 17'02	2°23'13	minimum elong	-4189 Feb 11 j 14:15	20° \mathbb{Z} 28'47	3°28'54
minimum elong	-4190 Mar 02 j 16:52	9° \approx 09'09	2°21'41	min. Earth dist.	-4189 Feb 14 j 16:46	18° \mathbb{Z} 12'56	0.57763 AU
min. Earth dist.	-4190 Mar 05 j 00:52	7° \approx 40'36	0.56174 AU	morning rise	-4189 Feb 19 j 10:14	15° \mathbb{Z} 26'11	
morning rise	-4190 Mar 11 j 06:57	4° \approx 35'21		direct	-4189 Feb 25 j 00:45	14° \mathbb{Z} 09'56	
desc. node	-4190 Mar 11 j 17:13	4° \approx 27'30		desc. node	-4189 Feb 26 j 14:20	14° \mathbb{Z} 15'55	
direct	-4190 Mar 15 j 15:42	3° \approx 52'31		morning max el	-4189 Mar 11 j 06:35	21° \mathbb{Z} 34'52	25°58'31
morning max el	-4190 Mar 29 j 15:13	10° \approx 55'35	24°28'06		-4189 Mar 18 j 15:05	0° \approx	
	-4190 Apr 12 j 23:49	0° \mathbb{H}			-4189 Apr 05 j 13:28	0° \mathbb{H}	
morning set	-4190 Apr 23 j 21:47	20° \mathbb{H} 48'47		morning set	-4189 Apr 08 j 09:37	5° \mathbb{H} 50'19	
asc. node	-4190 Apr 26 j 01:21	25° \mathbb{H} 22'24		asc. node	-4189 Apr 12 j 22:21	15° \mathbb{H} 33'11	
	-4190 Apr 28 j 04:51	0° \mathbb{Y}					
superior conj	-4190 Apr 30 j 22:43	5° \mathbb{Y} 56'49	0°48'52	superior conj	-4189 Apr 15 j 09:45	20° \mathbb{H} 57'29	0°25'33
minimum elong	-4190 Apr 30 j 20:44	5° \mathbb{Y} 46'02	0°48'29	minimum elong	-4189 Apr 15 j 08:38	20° \mathbb{H} 51'26	0°25'17
max. Earth dist.	-4190 May 02 j 12:05	9° \mathbb{Y} 18'10	1.33242 AU	max. Earth dist.	-4189 Apr 15 j 23:40	22° \mathbb{H} 13'28	1.32741 AU
evening rise	-4190 May 08 j 06:55	21° \mathbb{Y} 24'59			-4189 Apr 19 j 13:53	0° \mathbb{Y}	
	-4190 May 12 j 15:40	0° \mathbb{B}		evening rise	-4189 Apr 22 j 11:52	6° \mathbb{Y} 08'28	
	-4190 May 31 j 01:59	0° \mathbb{I}			-4189 May 05 j 06:10	0° \mathbb{B}	
desc. node	-4190 Jun 07 j 15:49	9° \mathbb{I} 10'54		evening max el	-4189 May 23 j 07:37	23° \mathbb{B} 59'18	26°59'15
evening max el	-4190 Jun 10 j 02:17	11° \mathbb{I} 39'01	27°24'20	desc. node	-4189 May 25 j 12:57	25° \mathbb{B} 59'13	
retrograde	-4190 Jun 23 j 21:11	19° \mathbb{I} 03'00			-4189 May 31 j 15:18	0° \mathbb{I}	
evening set	-4190 Jul 01 j 00:31	16° \mathbb{I} 30'16		retrograde	-4189 Jun 06 j 07:15	1° \mathbb{I} 20'25	
min. Earth dist.	-4190 Jul 04 j 14:34	13° \mathbb{I} 28'38	0.62919 AU		-4189 Jun 11 j 18:09	30° \mathbb{R} \mathbb{B}	
inferior conj	-4190 Jul 07 j 10:18	10° \mathbb{I} 41'39	-3°58'14	evening set	-4189 Jun 13 j 03:01	29° \mathbb{B} 15'06	
minimum elong	-4190 Jul 07 j 13:24	10° \mathbb{I} 33'58	3°57'35	min. Earth dist.	-4189 Jun 16 j 21:07	26° \mathbb{B} 31'05	0.60994 AU
morning rise	-4190 Jul 14 j 03:21	5° \mathbb{I} 31'25		inferior conj	-4189 Jun 20 j 03:25	23° \mathbb{B} 41'36	-4°16'24
direct	-4190 Jul 16 j 18:21	4° \mathbb{I} 59'02		minimum elong	-4189 Jun 20 j 04:34	23° \mathbb{B} 39'05	4°16'12
asc. node	-4190 Jul 23 j 00:53	8° \mathbb{I} 03'08		morning rise	-4189 Jun 27 j 07:49	18° \mathbb{B} 52'20	
morning max el	-4190 Jul 23 j 09:11	8° \mathbb{I} 23'09	17°56'32	direct	-4189 Jun 29 j 21:00	18° \mathbb{B} 26'02	
	-4190 Aug 06 j 14:26	0° \mathbb{E}		morning max el	-4189 Jul 06 j 22:13	21° \mathbb{B} 54'31	18°04'27
morning set	-4190 Aug 08 j 23:16	4° \mathbb{E} 11'14		asc. node	-4189 Jul 09 j 21:56	25° \mathbb{B} 18'07	
					-4189 Jul 13 j 04:22	0° \mathbb{I}	
				morning set	-4189 Jul 22 j 22:57	17° \mathbb{I} 12'36	
superior conj	-4190 Aug 20 j 15:43	24° \mathbb{E} 25'39	1°21'07		-4189 Jul 29 j 22:07	0° \mathbb{E}	
minimum elong	-4190 Aug 20 j 21:16	24° \mathbb{E} 49'00	1°20'45				
	-4190 Aug 24 j 00:05	0° \mathbb{O}		superior conj	-4189 Aug 02 j 02:42	5° \mathbb{E} 42'17	1°41'36
max. Earth dist.	-4190 Aug 27 j 06:10	5° \mathbb{O} 18'44	1.43350 AU	minimum elong	-4189 Aug 02 j 05:56	5° \mathbb{E} 56'34	1°41'35
desc. node	-4190 Sep 03 j 15:03	17° \mathbb{O} 01'39		max. Earth dist.	-4189 Aug 09 j 15:29	18° \mathbb{E} 39'07	1.41757 AU
evening rise	-4190 Sep 05 j 01:01	19° \mathbb{O} 14'00		evening rise	-4189 Aug 15 j 14:07	28° \mathbb{E} 22'17	
	-4190 Sep 12 j 01:39	0° \mathbb{M}			-4189 Aug 16 j 14:37	0° \mathbb{O}	

































































































































Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-4189 Aug 21 j 12:02	7°Ω39'34		evening rise	-4188 Jul 26 j 02:34	8°Ω37'04	
	-4189 Sep 05 j 17:54	0°ྐ		desc. node	-4188 Aug 07 j 09:02	28°Ω07'58	
evening max el	-4189 Sep 17 j 13:17	14°ྐ34'44	22°21'17		-4188 Aug 08 j 14:55	0°Ω	
retrograde	-4189 Sep 27 j 01:45	20°ྐ13'52		evening max el	-4188 Aug 30 j 02:19	28°Ω00'42	23°41'57
evening set	-4189 Oct 01 j 14:54	18°ྐ23'38			-4188 Sep 01 j 04:55	0°ྐ	
asc. node	-4189 Oct 05 j 20:58	13°ྐ34'22		retrograde	-4188 Sep 09 j 17:57	4°ྐ18'13	
inferior conj	-4189 Oct 06 j 22:22	12°ྐ07'13	0°21'41	evening set	-4188 Sep 14 j 21:22	2°ྐ08'14	
minimum elong	-4189 Oct 06 j 21:51	12°ྐ08'58	0°21'32		-4188 Sep 16 j 23:44	30°℞Ω	
min. Earth dist.	-4189 Oct 06 j 22:23	12°ྐ07'08	0.67400 AU	inferior conj	-4188 Sep 20 j 04:50	25°Ω49'28	-0°31'45
morning rise	-4189 Oct 12 j 04:42	5°ྐ53'08		minimum elong	-4188 Sep 20 j 05:34	25°Ω46'57	0°31'20
direct	-4189 Oct 16 j 19:03	4°ྐ00'29		min. Earth dist.	-4188 Sep 19 j 18:36	26°Ω24'24	0.67369 AU
morning max el	-4189 Oct 26 j 08:11	9°ྐ41'21	22°25'03	asc. node	-4188 Sep 21 j 18:04	23°Ω44'25	
	-4189 Nov 11 j 04:00	0°Ω		morning rise	-4188 Sep 25 j 13:43	19°Ω39'38	
desc. node	-4189 Nov 17 j 11:56	9°Ω19'53		direct	-4188 Sep 29 j 14:35	18°Ω07'51	
morning set	-4189 Nov 28 j 16:50	26°Ω50'34		morning max el	-4188 Oct 08 j 01:30	23°Ω06'40	21°04'44
	-4189 Nov 30 j 15:14	0°℞			-4188 Oct 13 j 22:02	0°ྐ	
max. Earth dist.	-4189 Dec 04 j 04:58	5°℞57'14	1.40773 AU	desc. node	-4188 Nov 03 j 08:52	29°ྐ44'09	
					-4188 Nov 03 j 12:59	0°Ω	
superior conj	-4189 Dec 11 j 23:07	19°℞27'15	-1°53'32	morning set	-4188 Nov 07 j 00:49	5°Ω25'29	
minimum elong	-4189 Dec 11 j 21:50	19°℞21'31	1°53'38	max. Earth dist.	-4188 Nov 15 j 09:15	18°Ω45'14	1.42615 AU
	-4189 Dec 17 j 17:34	0°℞					
evening rise	-4189 Dec 22 j 00:55	8°℞03'44		superior conj	-4188 Nov 22 j 08:15	0°℞19'49	-1°41'31
asc. node	-4188 Jan 01 j 19:53	27°℞08'25		minimum elong	-4188 Nov 22 j 03:18	29°Ω58'51	1°41'15
	-4188 Jan 03 j 19:27	0°℞			-4188 Nov 22 j 03:34	0°℞	
evening max el	-4188 Jan 07 j 07:29	4°℞06'51	18°18'16	evening rise	-4188 Dec 03 j 22:19	20°℞38'42	
retrograde	-4188 Jan 14 j 12:10	7°℞41'57			-4188 Dec 09 j 04:11	0°℞	
evening set	-4188 Jan 17 j 01:54	7°℞15'33		asc. node	-4188 Dec 18 j 16:56	14°℞54'10	
inferior conj	-4188 Jan 24 j 04:52	2°℞33'17	3°59'54	evening max el	-4188 Dec 20 j 18:13	17°℞11'55	18°07'52
minimum elong	-4188 Jan 24 j 06:11	2°℞30'28	3°59'38	retrograde	-4188 Dec 27 j 10:44	20°℞40'11	
	-4188 Jan 27 j 04:43	30°℞℞		evening set	-4188 Dec 30 j 03:18	20°℞06'24	
min. Earth dist.	-4188 Jan 27 j 12:56	29°℞43'11	0.59707 AU	inferior conj	-4187 Jan 05 j 17:40	15°℞02'51	4°01'30
morning rise	-4188 Jan 31 j 08:39	27°℞01'02		minimum elong	-4187 Jan 05 j 16:28	15°℞05'48	4°01'14
direct	-4188 Feb 06 j 21:42	25°℞05'49		min. Earth dist.	-4187 Jan 08 j 16:44	12°℞09'28	0.61690 AU
desc. node	-4188 Feb 13 j 11:26	26°℞53'18		morning rise	-4187 Jan 12 j 04:29	9°℞15'19	
	-4188 Feb 18 j 02:15	0°℞		direct	-4187 Jan 19 j 04:49	6°℞47'05	
morning max el	-4188 Feb 21 j 02:50	2°℞42'25	27°05'34	desc. node	-4187 Jan 30 j 08:29	11°℞53'28	
	-4188 Mar 11 j 22:50	0°≈		morning max el	-4187 Feb 02 j 05:27	14°℞30'11	27°39'13
morning set	-4188 Mar 22 j 19:19	20°≈44'38			-4187 Feb 14 j 19:41	0°℞	
	-4188 Mar 27 j 03:41	0°℞			-4187 Mar 04 j 08:18	0°≈	
superior conj	-4188 Mar 29 j 21:29	5°℞58'45	0°00'57	morning set	-4187 Mar 07 j 00:57	5°≈24'36	
minimum elong	-4188 Mar 29 j 21:26	5°℞58'33	0°00'51	max. Earth dist.	-4187 Mar 13 j 00:53	18°≈04'30	1.32752 AU
behind sun begin	-4188 Mar 29 j 16:27	5°℞31'13					
behind sun end	-4188 Mar 30 j 02:26	6°℞25'53		superior conj	-4187 Mar 14 j 08:19	20°≈54'59	-0°24'08
max. Earth dist.	-4188 Mar 29 j 13:15	5°℞13'42	1.32575 AU	minimum elong	-4187 Mar 14 j 09:24	21°≈00'52	0°24'01
asc. node	-4188 Mar 29 j 19:19	5°℞46'56		asc. node	-4187 Mar 16 j 16:19	25°≈59'49	
evening rise	-4188 Apr 05 j 20:56	21°℞02'50			-4187 Mar 18 j 12:35	0°℞	
	-4188 Apr 10 j 06:45	0°℞		evening rise	-4187 Mar 21 j 08:10	6°℞00'57	
	-4188 Apr 29 j 02:32	0°℞			-4187 Apr 03 j 03:00	0°℞	
evening max el	-4188 May 04 j 06:36	5°℞36'33	26°02'25	evening max el	-4187 Apr 16 j 00:00	16°℞37'00	24°41'04
desc. node	-4188 May 11 j 10:06	10°℞59'20		desc. node	-4187 Apr 28 j 07:12	23°℞34'47	
retrograde	-4188 May 18 j 08:41	12°℞53'05		retrograde	-4187 Apr 29 j 23:32	23°℞41'21	
evening set	-4188 May 24 j 08:47	11°℞24'47		evening set	-4187 May 04 j 17:32	22°℞50'02	
min. Earth dist.	-4188 May 28 j 19:11	8°℞41'36	0.58952 AU	min. Earth dist.	-4187 May 10 j 12:08	19°℞51'53	0.57082 AU
inferior conj	-4188 Jun 01 j 03:48	6°℞10'23	-4°11'33	inferior conj	-4187 May 13 j 08:33	18°℞00'13	-3°33'39
minimum elong	-4188 Jun 01 j 01:42	6°℞14'20	4°11'18	minimum elong	-4187 May 13 j 03:19	18°℞08'50	3°32'35
morning rise	-4188 Jun 08 j 21:13	1°℞43'05		morning rise	-4187 May 21 j 16:16	13°℞51'57	
direct	-4188 Jun 11 j 09:20	1°℞21'51		direct	-4187 May 24 j 03:28	13°℞34'48	
morning max el	-4188 Jun 19 j 06:36	5°℞06'42	18°32'03	morning max el	-4187 Jun 02 j 07:29	17°℞50'47	19°19'54
asc. node	-4188 Jun 25 j 18:57	13°℞25'38			-4187 Jun 11 j 09:06	0°℞	
morning set	-4188 Jul 05 j 11:48	0°℞53'35		asc. node	-4187 Jun 12 j 15:58	2°℞13'42	
	-4188 Jul 05 j 00:40	0°℞		morning set	-4187 Jun 19 j 10:09	15°℞05'09	
					-4187 Jun 26 j 22:02	0°℞	
superior conj	-4188 Jul 14 j 12:45	18°℞08'31	1°49'04	superior conj	-4187 Jun 27 j 16:07	1°℞28'23	1°46'26
minimum elong	-4188 Jul 14 j 13:17	18°℞11'00	1°49'15	minimum elong	-4187 Jun 27 j 14:42	1°℞21'28	1°46'33
	-4188 Jul 21 j 02:04	0°Ω		max. Earth dist.	-4187 Jul 03 j 20:25	13°℞11'22	1.37924 AU
max. Earth dist.	-4188 Jul 21 j 19:04	1°Ω14'26	1.39859 AU	evening rise	-4187 Jul 07 j 17:07	20°℞08'49	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4187 Jul 13 j 11:19	0°☾				-4186 Jun 18 j 17:50	0°♊	
desc. node	-4187 Jul 25 j 06:03	18°☾21'43		evening rise		-4186 Jun 20 j 05:44	2°♊47'40	
	-4187 Aug 02 j 15:55	0°♊				-4186 Jul 06 j 10:56	0°☾	
evening max el	-4187 Aug 12 j 13:04	11°♊29'30	25°00'33	desc. node		-4186 Jul 12 j 03:05	8°☾14'20	
retrograde	-4187 Aug 24 j 06:11	18°♊18'53		evening max el		-4186 Jul 25 j 23:58	25°☾00'56	26°09'01
evening set	-4187 Aug 30 j 00:34	15°♊50'43				-4186 Aug 01 j 02:45	0°♊	
min. Earth dist.	-4187 Sep 03 j 12:46	10°♊42'19	0.67028 AU	retrograde		-4186 Aug 07 j 13:45	2°♊11'12	
inferior conj	-4187 Sep 04 j 09:43	9°♊33'04	-1°24'41			-4186 Aug 13 j 07:27	30°☾	
minimum elong	-4187 Sep 04 j 11:41	9°♊26'36	1°23'45	evening set		-4186 Aug 13 j 22:29	29°☾29'13	
asc. node	-4187 Sep 08 j 15:10	4°♊34'26		min. Earth dist.		-4186 Aug 18 j 02:27	24°☾58'37	0.66357 AU
morning rise	-4187 Sep 09 j 22:49	3°♊30'31		inferior conj		-4186 Aug 19 j 11:14	23°☾16'05	-2°15'20
direct	-4187 Sep 13 j 12:16	2°♊17'07		minimum elong		-4186 Aug 19 j 14:15	23°☾06'40	2°14'05
morning max el	-4187 Sep 21 j 01:55	6°♊40'04	19°55'30	morning rise		-4186 Aug 25 j 06:10	17°☾24'04	
	-4187 Oct 08 j 01:57	0°♊		asc. node		-4186 Aug 26 j 12:17	16°☾47'12	
morning set	-4187 Oct 16 j 23:11	13°♊39'12		direct		-4186 Aug 28 j 10:31	16°☾25'53	
desc. node	-4187 Oct 21 j 05:47	20°♊18'29		morning max el		-4186 Sep 04 j 09:03	20°☾21'07	19°00'37
	-4187 Oct 27 j 09:33	0°♊				-4186 Sep 11 j 21:23	0°♊	
max. Earth dist.	-4187 Oct 28 j 20:20	2°♊18'20	1.43992 AU	morning set		-4186 Sep 26 j 11:18	22°♊38'10	
						-4186 Oct 01 j 03:16	0°♊	
superior conj	-4187 Nov 02 j 13:55	9°♊54'40	-1°13'06	desc. node		-4186 Oct 08 j 02:42	10°♊59'22	
minimum elong	-4187 Nov 02 j 07:00	9°♊26'37	1°12'24	max. Earth dist.		-4186 Oct 11 j 12:45	16°♊22'35	1.44729 AU
	-4187 Nov 14 j 16:05	0°♊						
evening rise	-4187 Nov 16 j 01:31	2°♊22'15		superior conj		-4186 Oct 12 j 20:05	18°♊26'18	-0°29'37
	-4187 Dec 03 j 19:41	0°♊		minimum elong		-4186 Oct 12 j 16:17	18°♊11'18	0°29'05
evening max el	-4187 Dec 04 j 06:53	0°♊29'15	18°16'38			-4186 Oct 20 j 02:52	0°♊	
asc. node	-4187 Dec 05 j 14:01	1°♊42'03		evening rise		-4186 Oct 28 j 05:55	13°♊05'43	
retrograde	-4187 Dec 10 j 20:05	4°♊01'58				-4186 Nov 07 j 16:54	0°♊	
evening set	-4187 Dec 13 j 16:23	3°♊19'26		evening max el		-4186 Nov 17 j 18:52	13°♊53'34	18°43'31
	-4187 Dec 17 j 22:15	30°☾		asc. node		-4186 Nov 22 j 11:08	17°♊17'13	
inferior conj	-4187 Dec 19 j 20:46	27°♊56'08	3°43'06	retrograde		-4186 Nov 24 j 12:27	17°♊40'29	
minimum elong	-4187 Dec 19 j 18:04	28°♊03'32	3°42'30	evening set		-4186 Nov 27 j 13:59	16°♊47'23	
min. Earth dist.	-4187 Dec 22 j 06:01	25°♊19'14	0.63483 AU	inferior conj		-4186 Dec 03 j 10:34	11°♊06'39	3°11'11
morning rise	-4187 Dec 25 j 19:06	21°♊57'53		minimum elong		-4186 Dec 03 j 07:23	11°♊16'15	3°10'16
direct	-4186 Jan 01 j 19:58	19°♊10'36		min. Earth dist.		-4186 Dec 05 j 05:05	8°♊58'51	0.64956 AU
morning max el	-4186 Jan 15 j 12:43	26°♊54'33	27°36'36	morning rise		-4186 Dec 09 j 00:26	5°♊00'29	
desc. node	-4186 Jan 17 j 05:32	28°♊39'06		direct		-4186 Dec 15 j 17:48	2°♊09'32	
	-4186 Jan 18 j 11:20	0°♊		morning max el		-4186 Dec 28 j 22:08	9°♊46'12	27°00'54
	-4186 Feb 08 j 09:38	0°☾		desc. node		-4185 Jan 04 j 02:34	16°♊40'04	
morning set	-4186 Feb 19 j 00:01	19°☾40'34				-4185 Jan 13 j 22:26	0°♊	
	-4186 Feb 24 j 00:42	0°☾				-4185 Jan 31 j 18:57	0°☾	
max. Earth dist.	-4186 Feb 24 j 06:37	0°☾31'11	1.33308 AU	morning set		-4185 Feb 02 j 13:25	3°☾22'28	
				max. Earth dist.		-4185 Feb 07 j 02:55	12°☾24'36	1.34291 AU
superior conj	-4186 Feb 26 j 16:29	5°☾38'54	-0°48'45					
minimum elong	-4186 Feb 26 j 18:36	5°☾50'14	0°48'29	superior conj		-4185 Feb 10 j 20:01	20°☾04'02	-1°11'47
asc. node	-4186 Mar 03 j 13:18	16°☾06'40		minimum elong		-4185 Feb 10 j 22:54	20°☾19'06	1°11'31
evening rise	-4186 Mar 05 j 19:42	20°☾55'17				-4185 Feb 15 j 13:03	0°☾	
	-4186 Mar 10 j 06:42	0°☾		evening rise		-4185 Feb 18 j 05:50	5°☾39'58	
evening max el	-4186 Mar 28 j 16:13	27°☾20'29	23°07'44	asc. node		-4185 Feb 18 j 10:19	6°☾03'13	
	-4186 Mar 31 j 18:52	0°☾				-4185 Mar 03 j 16:27	0°☾	
retrograde	-4186 Apr 11 j 01:31	3°☾56'17		evening max el		-4185 Mar 10 j 13:15	8°☾13'25	21°36'04
evening set	-4186 Apr 14 j 12:14	3°☾30'19		retrograde		-4185 Mar 22 j 16:45	14°☾03'54	
desc. node	-4186 Apr 15 j 04:20	3°☾19'29		evening set		-4185 Mar 25 j 07:04	13°☾48'42	
min. Earth dist.	-4186 Apr 22 j 02:52	0°☾05'54	0.55725 AU	desc. node		-4185 Apr 02 j 01:30	10°☾39'08	
	-4186 Apr 22 j 06:56	30°☾		inferior conj		-4185 Apr 03 j 14:48	9°☾47'05	-0°25'49
inferior conj	-4186 Apr 23 j 17:59	29°☾08'41	-2°15'47	minimum elong		-4185 Apr 03 j 13:35	9°☾48'47	0°25'28
minimum elong	-4186 Apr 23 j 12:35	29°☾16'35	2°14'10	min. Earth dist.		-4185 Apr 03 j 16:52	9°☾44'11	0.55178 AU
morning rise	-4186 May 02 j 15:22	25°☾10'42		morning rise		-4185 Apr 12 j 20:28	5°☾44'39	
direct	-4186 May 05 j 03:32	24°☾55'30		direct		-4185 Apr 15 j 16:42	5°☾26'48	
	-4186 May 15 j 23:37	0°☾		morning max el		-4185 Apr 28 j 02:16	11°☾21'08	21°53'53
morning max el	-4186 May 15 j 22:22	29°☾57'05	20°27'56			-4185 May 11 j 13:58	0°☾	
asc. node	-4186 May 30 j 12:59	21°☾32'11		asc. node		-4185 May 17 j 09:59	11°☾12'59	
morning set	-4186 Jun 03 j 15:07	29°☾39'41		morning set		-4185 May 19 j 00:24	14°☾30'12	
	-4186 Jun 03 j 19:06	0°☾						
superior conj	-4186 Jun 11 j 07:55	15°☾27'47	1°36'19	superior conj		-4185 May 26 j 08:23	29°☾55'18	1°20'47
minimum elong	-4186 Jun 11 j 05:28	15°☾15'22	1°36'14	minimum elong		-4185 May 26 j 05:41	29°☾41'10	1°20'30
max. Earth dist.	-4186 Jun 16 j 02:31	24°☾57'08	1.36176 AU			-4185 May 26 j 09:17	0°☾	
				max. Earth dist.		-4185 May 29 j 17:58	6°☾56'57	1.34750 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening rise	-4185 Jun 03 j 11:00	16°  17'58		evening rise	-4184 May 16 j 23:02	0° 	
	-4185 Jun 10 j 21:56	0° 			-4184 May 17 j 04:15	0°  26'06	
desc. node	-4185 Jun 29 j 00:10	27°  36'19		desc. node	-4184 Jun 02 j 22:07	0° 	
	-4185 Jun 30 j 21:22	0° 			-4184 Jun 14 j 21:17	16°  14'54	
evening max el	-4185 Jul 08 j 11:26	8°  27'16	26°59'08	evening max el	-4184 Jun 19 j 22:12	21°  37'39	27°23'42
retrograde	-4185 Jul 21 j 16:00	15°  48'03		retrograde	-4184 Jul 03 j 12:45	29°  10'55	
evening set	-4185 Jul 28 j 12:38	13°  00'01		evening set	-4184 Jul 10 j 16:02	26°  19'15	
min. Earth dist.	-4185 Aug 01 j 09:14	9°  07'47	0.65323 AU	min. Earth dist.	-4184 Jul 14 j 07:09	23°  10'53	0.63907 AU
inferior conj	-4185 Aug 03 j 07:15	6°  54'24	-3°01'36	inferior conj	-4184 Jul 16 j 19:18	20°  12'45	-3°40'36
minimum elong	-4185 Aug 03 j 10:55	6°  43'46	3°00'20	minimum elong	-4184 Jul 16 j 22:55	20°  14'14	3°39'40
morning rise	-4185 Aug 09 j 09:35	1°  16'19		morning rise	-4184 Jul 23 j 06:35	15°  10'24'7	
direct	-4185 Aug 12 j 07:07	0°  30'15		direct	-4184 Jul 25 j 23:26	14°  12'26'06	
asc. node	-4185 Aug 13 j 09:24	0°  36'48		asc. node	-4184 Jul 30 j 06:29	15°  15'58'10	
morning max el	-4185 Aug 18 j 21:09	4°  06'18	18°21'56	morning max el	-4184 Aug 01 j 11:50	17°  15'46	18°00'35
	-4185 Sep 05 j 07:20	0° 			-4184 Aug 10 j 06:39	0° 	
morning set	-4185 Sep 07 j 01:42	2°  05'40'7		morning set	-4184 Aug 18 j 18:25	14°  05'25'29	
					-4184 Aug 27 j 22:42	0° 	
superior conj	-4185 Sep 21 j 20:06	26°  04'42'26	0°19'53	superior conj	-4184 Aug 31 j 12:28	5°  05'34'7	1°02'39
minimum elong	-4185 Sep 21 j 22:37	26°  05'42'24	0°19'40	minimum elong	-4184 Aug 31 j 18:14	6°  01'7'24	1°02'08
	-4185 Sep 23 j 21:31	0° 			-4184 Sep 05 j 23:49	14°  04'44'1	1.44041 AU
max. Earth dist.	-4185 Sep 24 j 07:07	0°  37'55	1.44742 AU	max. Earth dist.	-4184 Sep 10 j 20:35	22°  02'7'03	
desc. node	-4185 Sep 24 j 23:38	1°  43'04		desc. node	-4184 Sep 15 j 16:44	0° 	
evening rise	-4185 Oct 08 j 09:17	22°  44'43		evening rise	-4184 Sep 16 j 17:17	1°  34'57	
	-4185 Oct 13 j 00:36	0° 			-4184 Oct 05 j 17:13	0° 	
greatest brilliancy	-4185 Oct 19 j 05:19	9°  36'51	-0.7m	greatest brilliancy	-4184 Oct 14 j 07:07	10°  04'54'2	20°25'56
evening max el	-4185 Nov 01 j 03:35	27°  19'43	19°27'16	evening max el	-4184 Oct 22 j 05:51	15°  02'6'35	
	-4185 Nov 04 j 05:14	0° 			-4184 Oct 26 j 23:50	14°  05'18	
retrograde	-4185 Nov 08 j 08:33	1°  42'29'46		retrograde	-4184 Oct 26 j 05:25	13°  04'54'51	
asc. node	-4185 Nov 09 j 08:16	1°  24'07		asc. node	-4184 Oct 31 j 10:28	7°  05'59'04	1°43'03
evening set	-4185 Nov 11 j 17:14	0°  23'48		minimum elong	-4184 Oct 31 j 08:15	8°  06'33	1°42'11
	-4185 Nov 12 j 06:45	30°  06'45			-4184 Nov 01 j 03:16	7°  02'27	0.66826 AU
inferior conj	-4185 Nov 17 j 07:59	24°  02'8'38	2°30'09	inferior conj	-4184 Nov 05 j 16:29	1°  04'40'1	
minimum elong	-4185 Nov 17 j 05:02	24°  03'8'08	2°29'08	minimum elong	-4184 Nov 08 j 05:42	30°  06'18'21	
min. Earth dist.	-4185 Nov 18 j 12:49	22°  05'54'2	0.66064 AU	min. Earth dist.	-4184 Nov 11 j 06:23	29°  06'23	
morning rise	-4185 Nov 22 j 16:36	18°  01'6'49		morning rise	-4184 Nov 14 j 12:35	0° 	
direct	-4185 Nov 28 j 21:21	15°  03'43'2		direct	-4184 Nov 22 j 16:27	6°  06'25	24°40'21
morning max el	-4185 Dec 11 j 07:36	22°  05'3'08	25°59'11	morning max el	-4184 Dec 07 j 20:31	25°  04'28	
	-4185 Dec 17 j 15:41	0° 			-4184 Dec 11 j 06:05	0° 	
desc. node	-4185 Dec 21 j 23:34	5°  13'33'39		desc. node	-4184 Dec 28 j 16:55	28°  10'07	
	-4184 Jan 07 j 05:45	0° 			-4184 Dec 29 j 17:47	0° 	
morning set	-4184 Jan 16 j 12:54	16°  07'17'35		morning set	-4183 Jan 01 j 10:51	4°  07'53'06	1.37532 AU
max. Earth dist.	-4184 Jan 20 j 11:49	23°  07'45'59	1.35714 AU	max. Earth dist.			
	-4184 Jan 23 j 16:04	0° 					
superior conj	-4184 Jan 25 j 16:24	4°  02'40'4	-1°31'48	superior conj	-4183 Jan 08 j 02:22	17°  07'25'02	-1°46'50
minimum elong	-4184 Jan 25 j 19:31	4°  03'18'24	1°31'39	minimum elong	-4183 Jan 08 j 04:49	17°  07'36'54	1°46'52
evening rise	-4184 Feb 02 j 12:41	20°  08'47		evening rise	-4183 Jan 14 j 10:59	0° 	
asc. node	-4184 Feb 05 j 07:22	25°  03'44'38		asc. node	-4183 Jan 16 j 14:01	4°  03'14'43	
	-4184 Feb 07 j 11:59	0° 			-4183 Jan 22 j 04:25	15°  03'04'25	
evening max el	-4184 Feb 20 j 19:37	19°  03'35'56	20°16'41	evening max el	-4183 Jan 31 j 23:59	0° 	
retrograde	-4184 Mar 02 j 07:45	24°  03'35'13		retrograde	-4183 Feb 02 j 12:29	1°  03'34'06	19°15'06
evening set	-4184 Mar 04 j 15:23	24°  03'21'40		evening set	-4183 Feb 11 j 10:24	5°  03'49'04	
inferior conj	-4184 Mar 13 j 12:18	20°  03'22'40	1°28'07	inferior conj	-4183 Feb 13 j 19:13	5°  03'32'24	
minimum elong	-4184 Mar 13 j 15:58	20°  03'17'12	1°26'48	minimum elong	-4183 Feb 21 j 23:27	1°  03'21'59	2°56'10
min. Earth dist.	-4184 Mar 15 j 06:55	19°  03'19'25	0.55557 AU	minimum elong	-4183 Feb 22 j 04:26	1°  03'13'33	2°54'49
desc. node	-4184 Mar 18 j 22:40	17°  03'20'57			-4183 Feb 23 j 23:55	30°  03'23'38	0.56773 AU
morning rise	-4184 Mar 22 j 14:51	15°  03'58'25		morning rise	-4183 Feb 24 j 21:57	29°  03'23'38	
direct	-4184 Mar 26 j 07:00	15°  03'28'57		direct	-4183 Mar 02 j 10:59	26°  03'27'21	
morning max el	-4184 Apr 08 j 21:15	22°  03'10'52	23°31'22	morning max el	-4183 Mar 05 j 19:48	25°  03'37'25	
	-4184 Apr 15 j 16:41	0° 			-4183 Mar 07 j 08:22	25°  03'31'57	
morning set	-4184 May 02 j 12:06	29°  03'30'40		morning set	-4183 Mar 18 j 07:48	0° 	
	-4184 May 02 j 17:42	0° 			-4183 Mar 21 j 12:20	2°  03'46'36	25°08'34
asc. node	-4184 May 03 j 07:00	1°  09'09'58		asc. node	-4183 Apr 09 j 16:02	0° 	
					-4183 Apr 17 j 00:21	14°  03'33'33	
superior conj	-4184 May 09 j 14:44	14°  09'42'19	1°01'22	superior conj	-4183 Apr 20 j 03:59	21°  03'16'56	
minimum elong	-4184 May 09 j 12:22	14°  09'29'37	1°00'59	minimum elong	-4183 Apr 24 j 00:36	29°  03'40'00	0°39'12
max. Earth dist.	-4184 May 11 j 19:12	19°  09'21'40	1.33686 AU	max. Earth dist.	-4183 Apr 23 j 22:57	29°  03'31'02	0°38'51

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4183 Apr 24 j 04:16	0°♿		behind sun begin	-4182 Apr 08 j 09:58	14°♿29'55	
max. Earth dist.	-4183 Apr 25 j 03:48	2°♿07'37	1.32984 AU	behind sun end	-4182 Apr 08 j 12:57	14°♿46'12	
evening rise	-4183 May 01 j 05:44	14°♿59'18		max. Earth dist.	-4182 Apr 08 j 16:28	15°♿05'31	1.32628 AU
	-4183 May 09 j 00:02	0°♿		evening rise	-4182 Apr 15 j 12:42	29°♿48'14	
	-4183 May 29 j 03:30	0°♿			-4182 Apr 15 j 14:57	0°♿	
desc. node	-4183 Jun 01 j 18:25	3°♿50'30			-4182 May 02 j 05:58	0°♿	
evening max el	-4183 Jun 02 j 06:01	4°♿18'34	27°17'34	evening max el	-4182 May 15 j 08:45	16°♿20'41	26°38'39
retrograde	-4183 Jun 16 j 03:18	11°♿42'18		desc. node	-4182 May 19 j 15:33	19°♿56'53	
evening set	-4183 Jun 23 j 04:50	9°♿19'15		retrograde	-4182 May 29 j 10:13	23°♿40'41	
min. Earth dist.	-4183 Jun 26 j 19:17	6°♿27'10	0.62132 AU	evening set	-4182 Jun 04 j 22:53	21°♿50'34	
inferior conj	-4183 Jun 29 j 20:18	3°♿36'30	-4°08'09	min. Earth dist.	-4182 Jun 08 j 22:10	19°♿08'41	0.60126 AU
minimum elong	-4183 Jun 29 j 22:45	3°♿30'44	4°07'44	inferior conj	-4182 Jun 12 j 06:43	16°♿24'11	-4°17'44
	-4183 Jul 04 j 02:57	30°♿8		minimum elong	-4182 Jun 12 j 06:37	16°♿24'24	4°17'37
morning rise	-4183 Jul 06 j 18:02	28°♿35'14		morning rise	-4182 Jun 19 j 16:29	11°♿44'11	
direct	-4183 Jul 09 j 08:01	28°♿05'45		direct	-4182 Jun 22 j 05:00	11°♿20'16	
	-4183 Jul 14 j 08:28	0°♿		morning max el	-4182 Jun 29 j 13:42	14°♿54'29	18°13'38
morning max el	-4183 Jul 16 j 02:19	1°♿30'24	17°57'32	asc. node	-4182 Jul 04 j 00:34	20°♿14'47	
asc. node	-4183 Jul 17 j 03:32	2°♿36'01			-4182 Jul 10 j 00:34	0°♿	
morning set	-4183 Aug 01 j 08:20	26°♿57'42		morning set	-4182 Jul 15 j 14:07	10°♿16'53	
	-4183 Aug 03 j 00:46	0°♿					
				superior conj	-4182 Jul 25 j 05:22	28°♿11'40	1°46'11
superior conj	-4183 Aug 12 j 07:56	16°♿24'01	1°31'33	minimum elong	-4182 Jul 25 j 07:24	28°♿20'52	1°46'18
minimum elong	-4183 Aug 12 j 12:41	16°♿44'23	1°31'21		-4182 Jul 26 j 05:26	0°♿	
max. Earth dist.	-4183 Aug 19 j 11:45	28°♿23'59	1.42722 AU	max. Earth dist.	-4182 Aug 01 j 17:58	11°♿23'27	1.40973 AU
	-4183 Aug 20 j 11:17	0°♿		evening rise	-4182 Aug 06 j 20:35	19°♿53'49	
evening rise	-4183 Aug 26 j 22:36	10°♿20'23			-4182 Aug 13 j 04:52	0°♿	
desc. node	-4183 Aug 28 j 17:34	13°♿08'08		desc. node	-4182 Aug 15 j 14:33	3°♿42'22	
	-4183 Sep 08 j 21:01	0°♿			-4182 Sep 03 j 04:58	0°♿	
evening max el	-4183 Sep 27 j 04:27	24°♿11'00	21°36'46	evening max el	-4182 Sep 09 j 20:07	7°♿36'34	22°55'30
retrograde	-4183 Oct 06 j 02:17	29°♿28'27		retrograde	-4182 Sep 19 j 20:16	13°♿32'27	
evening set	-4183 Oct 10 j 07:46	27°♿49'29		evening set	-4182 Sep 24 j 15:14	11°♿34'05	
asc. node	-4183 Oct 13 j 02:31	24°♿59'06		inferior conj	-4182 Sep 29 j 22:31	5°♿16'21	-0°00'56
inferior conj	-4183 Oct 15 j 15:56	21°♿35'46	0°52'05	minimum elong	-4182 Sep 29 j 22:32	5°♿16'18	0°00'51
minimum elong	-4183 Oct 15 j 14:45	21°♿39'51	0°51'37	transit middle	-4182 Sep 29 j 22:32	5°♿16'18	0°00'51
min. Earth dist.	-4183 Oct 15 j 21:56	21°♿15'05	0.67273 AU	transit begin	-4182 Sep 29 j 19:51	5°♿25'35	
morning rise	-4183 Oct 20 j 21:35	15°♿20'17		transit end	-4182 Sep 30 j 01:14	5°♿07'00	
direct	-4183 Oct 25 j 20:18	13°♿15'07		asc. node	-4182 Sep 29 j 23:37	5°♿12'34	
morning max el	-4183 Nov 05 j 02:04	19°♿22'13	23°14'14	min. Earth dist.	-4182 Sep 29 j 18:18	5°♿30'56	0.67422 AU
	-4183 Nov 14 j 00:52	0°♿			-4182 Oct 04 j 04:31	30°♿8	
desc. node	-4183 Nov 24 j 17:28	15°♿01'50		morning rise	-4182 Oct 05 j 05:43	29°♿03'30	
	-4183 Dec 04 j 10:51	0°♿		direct	-4182 Oct 09 j 14:11	27°♿19'43	
morning set	-4183 Dec 09 j 19:21	8°♿44'34			-4182 Oct 15 j 16:28	0°♿	
max. Earth dist.	-4183 Dec 14 j 06:23	16°♿19'33	1.39583 AU	morning max el	-4182 Oct 18 j 15:34	2°♿42'13	21°49'43
					-4182 Nov 08 j 02:05	0°♿	
superior conj	-4183 Dec 21 j 21:39	29°♿59'59	-1°54'10	desc. node	-4182 Nov 11 j 14:23	5°♿17'43	
minimum elong	-4183 Dec 21 j 22:09	0°♿02'17	1°54'19	morning set	-4182 Nov 19 j 17:01	17°♿55'37	
	-4183 Dec 21 j 21:39	0°♿		max. Earth dist.	-4182 Nov 26 j 06:17	28°♿35'11	1.41599 AU
evening rise	-4183 Dec 31 j 07:10	17°♿51'00			-4182 Nov 27 j 02:39	0°♿	
	-4182 Jan 06 j 18:51	0°♿					
asc. node	-4182 Jan 09 j 01:28	3°♿55'15		superior conj	-4182 Dec 03 j 20:51	11°♿33'35	-1°50'18
evening max el	-4182 Jan 16 j 14:27	14°♿04'32	18°33'19	minimum elong	-4182 Dec 03 j 18:02	11°♿21'16	1°50'17
retrograde	-4182 Jan 24 j 06:55	17°♿49'28			-4182 Dec 14 j 02:00	0°♿	
evening set	-4182 Jan 26 j 18:56	17°♿27'02		evening rise	-4182 Dec 14 j 12:49	0°♿49'50	
inferior conj	-4182 Feb 03 j 06:30	12°♿57'33	3°46'37	asc. node	-4182 Dec 26 j 22:31	22°♿07'30	
minimum elong	-4182 Feb 03 j 09:28	12°♿51'42	3°46'03	evening max el	-4182 Dec 30 j 22:48	26°♿58'48	18°11'31
min. Earth dist.	-4182 Feb 06 j 15:35	10°♿19'39	0.58559 AU		-4181 Jan 04 j 07:40	0°♿	
morning rise	-4182 Feb 10 j 21:42	7°♿36'56		retrograde	-4181 Jan 06 j 20:55	0°♿29'02	
direct	-4182 Feb 16 j 23:07	6°♿03'46		evening set	-4181 Jan 09 j 11:57	29°♿59'31	
desc. node	-4182 Feb 20 j 16:53	6°♿38'29			-4181 Jan 09 j 11:25	30°♿8	
morning max el	-4182 Mar 03 j 05:20	13°♿35'26	26°30'33	inferior conj	-4181 Jan 16 j 09:13	25°♿08'13	4°03'30
	-4182 Mar 16 j 05:51	0°♿		minimum elong	-4181 Jan 16 j 09:21	25°♿07'54	4°03'18
morning set	-4182 Apr 01 j 11:29	29°♿32'37		min. Earth dist.	-4181 Jan 19 j 14:29	22°♿13'58	0.60566 AU
	-4182 Apr 01 j 16:43	0°♿		morning rise	-4181 Jan 23 j 05:17	19°♿29'08	
asc. node	-4182 Apr 07 j 00:58	11°♿29'22		direct	-4181 Jan 30 j 00:49	17°♿18'19	
				desc. node	-4181 Feb 07 j 13:56	20°♿20'02	
superior conj	-4182 Apr 08 j 12:08	14°♿41'44	0°15'15	morning max el	-4181 Feb 13 j 04:00	24°♿57'48	27°24'16
minimum elong	-4182 Apr 08 j 11:27	14°♿38'04	0°15'03		-4181 Feb 17 j 19:44	0°♿	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4181 Mar 09 j 11:57	0°♊				-4180 Jan 16 j 07:42	0°♊	
morning set	-4181 Mar 16 j 19:41	14°♊21'03		desc. node		-4180 Jan 25 j 10:59	6°♊08'43	
max. Earth dist.	-4181 Mar 23 j 05:38	28°♊02'44	1.32606 AU	morning max el		-4180 Jan 26 j 08:49	7°♊01'11	27°42'33
						-4180 Feb 12 j 22:54	0°♋	
superior conj	-4181 Mar 23 j 23:40	29°♊41'10	-0°09'41	morning set		-4180 Feb 28 j 22:50	28°♋51'11	
minimum elong	-4181 Mar 24 j 00:06	29°♊43'34	0°09'41			-4180 Feb 29 j 12:22	0°♋	
behind sun begin	-4181 Mar 23 j 20:06	29°♊21'42		max. Earth dist.		-4180 Mar 05 j 15:23	10°♋44'56	1.32941 AU
behind sun end	-4181 Mar 24 j 04:06	0°♌05'26						
	-4181 Mar 24 j 03:07	0°♌		superior conj		-4180 Mar 07 j 09:34	14°♋32'13	-0°34'41
asc. node	-4181 Mar 24 j 21:57	1°♌42'57		minimum elong		-4180 Mar 07 j 11:07	14°♋40'34	0°34'30
evening rise	-4181 Mar 30 j 22:54	14°♌44'50		asc. node		-4180 Mar 10 j 18:56	21°♋53'19	
	-4181 Apr 07 j 15:59	0°♍		evening rise		-4180 Mar 14 j 10:28	29°♋41'45	
evening max el	-4181 Apr 27 j 05:23	27°♍41'46	25°30'18			-4180 Mar 14 j 13:56	0°♎	
	-4181 Apr 29 j 19:53	0°♎				-4180 Mar 31 j 13:45	0°♎	
desc. node	-4181 May 06 j 12:39	4°♎00'09		evening max el		-4180 Apr 07 j 21:33	8°♎31'18	24°02'02
retrograde	-4181 May 11 j 07:17	4°♎53'44		retrograde		-4180 Apr 21 j 16:21	15°♎25'32	
evening set	-4181 May 16 j 19:24	3°♎42'13		desc. node		-4180 Apr 22 j 09:47	15°♎24'20	
min. Earth dist.	-4181 May 21 j 17:47	0°♎54'15	0.58119 AU	evening set		-4180 Apr 25 j 20:46	14°♎46'38	
	-4181 May 23 j 01:01	30°♏♍		min. Earth dist.		-4180 May 02 j 09:09	11°♎39'01	0.56421 AU
inferior conj	-4181 May 24 j 23:05	28°♎37'48	-4°00'10	inferior conj		-4180 May 04 j 19:15	10°♎09'14	-3°05'33
minimum elong	-4181 May 24 j 19:30	28°♎44'11	3°59'38	minimum elong		-4180 May 04 j 13:24	10°♎18'20	3°04'06
morning rise	-4181 Jun 01 j 22:25	24°♎18'48		morning rise		-4180 May 13 j 09:03	6°♎07'03	
direct	-4181 Jun 04 j 10:11	23°♎59'22		direct		-4180 May 15 j 20:28	5°♎50'59	
morning max el	-4181 Jun 12 j 19:10	27°♎55'46	18°49'49	morning max el		-4180 May 25 j 15:59	10°♎24'17	19°46'30
	-4181 Jun 14 j 18:48	0°♏		asc. node		-4180 Jun 06 j 18:37	27°♎43'06	
asc. node	-4181 Jun 20 j 21:35	8°♏41'07				-4180 Jun 07 j 23:57	0°♏	
morning set	-4181 Jun 29 j 07:29	24°♏12'35		morning set		-4180 Jun 12 j 09:00	8°♏35'09	
	-4181 Jul 02 j 06:26	0°♐						
superior conj	-4181 Jul 07 j 23:29	11°♐02'49	1°49'01	superior conj		-4180 Jun 20 j 08:43	24°♏41'19	1°42'56
minimum elong	-4181 Jul 07 j 23:05	11°♐00'53	1°49'11	minimum elong		-4180 Jun 20 j 06:45	24°♏31'35	1°42'57
max. Earth dist.	-4181 Jul 14 j 20:25	23°♐42'36	1.39033 AU	max. Earth dist.		-4180 Jun 23 j 01:41	0°♑	
	-4181 Jul 18 j 10:35	0°♑		evening rise		-4180 Jun 25 j 23:27	5°♑33'13	1.37148 AU
evening rise	-4181 Jul 18 j 20:29	0°♑42'29				-4180 Jun 29 j 21:05	12°♑44'25	
desc. node	-4181 Aug 02 j 11:34	24°♑05'33		desc. node		-4180 Jul 10 j 00:28	0°♑	
	-4181 Aug 06 j 12:43	0°♒				-4180 Jul 19 j 08:37	14°♑11'29	
evening max el	-4181 Aug 23 j 08:04	21°♒04'41	24°16'06	evening max el		-4180 Jul 31 j 11:49	0°♒	
retrograde	-4181 Sep 03 j 10:43	27°♒36'02		retrograde		-4180 Aug 04 j 18:40	4°♒34'54	25°31'15
evening set	-4181 Sep 08 j 20:33	25°♒18'05		evening set		-4180 Aug 16 j 20:57	11°♒34'10	
min. Earth dist.	-4181 Sep 13 j 13:54	19°♒49'05	0.67270 AU	min. Earth dist.		-4180 Aug 22 j 21:47	8°♒59'08	
inferior conj	-4181 Sep 14 j 04:33	18°♒59'40	-0°54'21	inferior conj		-4180 Aug 27 j 06:21	4°♒06'54	0.66795 AU
minimum elong	-4181 Sep 14 j 05:49	18°♒55'23	0°53'42	minimum elong		-4180 Aug 28 j 08:14	2°♒43'09	-1°46'33
asc. node	-4181 Sep 16 j 20:43	15°♒33'13				-4180 Aug 28 j 10:41	2°♒35'16	1°45'27
morning rise	-4181 Sep 19 j 15:02	12°♒52'36				-4180 Aug 30 j 12:29	30°♓♑	
direct	-4181 Sep 23 j 10:53	11°♒28'49		morning rise		-4180 Sep 02 j 23:40	26°♑44'58	
morning max el	-4181 Oct 01 j 11:48	16°♒10'53	20°33'39	asc. node		-4180 Sep 02 j 17:51	26°♑54'48	
	-4181 Oct 12 j 07:32	0°♓		direct		-4180 Sep 06 j 08:58	25°♑38'29	
desc. node	-4181 Oct 29 j 11:19	25°♓46'54		morning max el		-4180 Sep 13 j 15:20	29°♑48'13	19°30'15
morning set	-4181 Oct 29 j 18:03	26°♓13'01				-4180 Sep 13 j 19:55	0°♓	
	-4181 Nov 01 j 04:18	0°♓				-4180 Oct 04 j 19:56	0°♓	
max. Earth dist.	-4181 Nov 08 j 14:07	11°♓45'55	1.43281 AU	morning set		-4180 Oct 07 j 19:50	4°♓39'39	
				desc. node		-4180 Oct 15 j 08:17	16°♓24'35	
superior conj	-4181 Nov 14 j 18:32	21°♓53'15	-1°31'32	max. Earth dist.		-4180 Oct 21 j 04:12	25°♓35'51	1.44395 AU
minimum elong	-4181 Nov 14 j 12:18	21°♓27'23	1°31'04			-4180 Oct 23 j 22:39	0°♓	
	-4181 Nov 19 j 14:10	0°♔		superior conj		-4180 Oct 24 j 12:55	0°♓56'58	-0°56'08
evening rise	-4181 Nov 27 j 03:02	13°♔03'49		minimum elong		-4180 Oct 24 j 06:36	0°♓31'47	0°55'23
	-4181 Dec 06 j 23:28	0°♔		evening rise		-4180 Nov 07 j 21:05	24°♓23'13	
asc. node	-4181 Dec 13 j 19:35	9°♔29'59				-4180 Nov 11 j 05:42	0°♔	
evening max el	-4181 Dec 14 j 10:41	10°♔09'26	18°09'16	evening max el		-4180 Nov 26 j 23:19	23°♔30'03	18°25'52
retrograde	-4181 Dec 21 j 00:37	13°♔38'08		asc. node		-4180 Nov 29 j 16:40	25°♔48'55	
evening set	-4181 Dec 23 j 18:45	13°♔00'39		retrograde		-4180 Dec 03 j 13:35	27°♔08'03	
inferior conj	-4181 Dec 30 j 04:32	7°♔48'09	3°55'39	evening set		-4180 Dec 06 j 11:51	26°♔21'16	
minimum elong	-4181 Dec 30 j 02:34	7°♔53'14	3°55'17	inferior conj		-4180 Dec 12 j 12:38	20°♔49'56	3°30'54
min. Earth dist.	-4180 Jan 01 j 21:53	5°♔00'07	0.62492 AU	minimum elong		-4180 Dec 12 j 09:38	20°♔58'34	3°30'09
morning rise	-4180 Jan 05 j 09:31	1°♔55'46		min. Earth dist.		-4180 Dec 14 j 15:29	18°♔24'25	0.64149 AU
	-4180 Jan 08 j 19:06	30°♔♓		morning rise		-4180 Dec 18 j 06:54	14°♔47'48	
direct	-4180 Jan 12 j 11:15	29°♔17'53		direct		-4180 Dec 25 j 05:10	11°♔57'27	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning max el	-4179 Jan 07 j 17:36	19° \mathbb{M} 39'43	27°25'14	direct	-4179 Dec 08 j 05:39	25° \mathbb{Q} 08'19	
desc. node	-4179 Jan 11 j 08:03	23° \mathbb{M} 29'55			-4179 Dec 18 j 06:35	0° \mathbb{M}	
	-4179 Jan 16 j 15:24	0° \mathbb{X}		morning max el	-4179 Dec 21 j 03:21	2° \mathbb{M} 39'47	26°37'18
	-4179 Feb 04 j 21:41	0° \mathbb{Z}		desc. node	-4179 Dec 29 j 05:04	11° \mathbb{M} 55'39	
morning set	-4179 Feb 11 j 18:17	12° \mathbb{Z} 54'33			-4178 Jan 10 j 20:57	0° \mathbb{X}	
max. Earth dist.	-4179 Feb 16 j 17:45	22° \mathbb{Z} 59'37	1.33669 AU	morning set	-4178 Jan 26 j 02:20	26° \mathbb{X} 18'27	
					-4178 Jan 28 j 00:34	0° \mathbb{Z}	
superior conj	-4179 Feb 19 j 16:03	29° \mathbb{Z} 09'06	-0°58'47	max. Earth dist.	-4178 Jan 30 j 09:08	4° \mathbb{Z} 37'43	1.34837 AU
minimum elong	-4179 Feb 19 j 18:32	29° \mathbb{Z} 22'18	0°58'31				
	-4179 Feb 20 j 01:38	0° \approx		superior conj	-4178 Feb 03 j 16:51	13° \mathbb{Z} 23'51	-1°20'46
asc. node	-4179 Feb 25 j 15:57	11° \approx 56'29		minimum elong	-4178 Feb 03 j 19:55	13° \mathbb{Z} 39'39	1°20'32
evening rise	-4179 Feb 26 j 21:41	14° \approx 33'03		evening rise	-4178 Feb 11 j 06:38	29° \mathbb{Z} 11'23	
	-4179 Mar 06 j 18:31	0° \mathbb{X}			-4178 Feb 11 j 16:04	0° \approx	
evening max el	-4179 Mar 20 j 14:54	19° \mathbb{X} 15'03	22°27'48	asc. node	-4178 Feb 12 j 12:57	1° \approx 47'04	
retrograde	-4179 Apr 02 j 13:30	25° \mathbb{X} 34'06			-4178 Mar 02 j 07:43	0° \mathbb{X}	
evening set	-4179 Apr 05 j 13:44	25° \mathbb{X} 14'10		evening max el	-4178 Mar 02 j 15:32	0° \mathbb{X} 18'49	21°00'26
desc. node	-4179 Apr 09 j 06:55	24° \mathbb{X} 00'06		retrograde	-4178 Mar 14 j 03:14	5° \mathbb{X} 47'32	
min. Earth dist.	-4179 Apr 13 j 23:22	21° \mathbb{X} 34'37	0.55374 AU	evening set	-4178 Mar 16 j 12:56	5° \mathbb{X} 34'01	
inferior conj	-4179 Apr 14 j 22:01	21° \mathbb{X} 02'21	-1°31'47	inferior conj	-4178 Mar 25 j 17:19	1° \mathbb{X} 35'47	0°24'01
minimum elong	-4179 Apr 14 j 17:59	21° \mathbb{X} 08'07	1°30'30	minimum elong	-4178 Mar 25 j 18:25	1° \mathbb{X} 34'14	0°23'33
morning rise	-4179 Apr 24 j 00:01	17° \mathbb{X} 05'01		min. Earth dist.	-4178 Mar 26 j 13:39	1° \mathbb{X} 06'48	0.55221 AU
direct	-4179 Apr 26 j 14:10	16° \mathbb{X} 49'37		desc. node	-4178 Mar 27 j 04:05	0° \mathbb{X} 46'22	
morning max el	-4179 May 08 j 02:20	22° \mathbb{X} 13'12	21°02'41		-4178 Mar 28 j 13:42	30° \mathbb{R} \approx	
	-4179 May 14 j 16:28	0° \mathbb{Y}		morning rise	-4178 Apr 03 j 23:12	27° \approx 25'27	
asc. node	-4179 May 24 j 15:40	17° \mathbb{Y} 11'58		direct	-4178 Apr 07 j 02:11	27° \approx 04'08	
morning set	-4179 May 27 j 16:05	23° \mathbb{Y} 17'20			-4178 Apr 15 j 21:51	0° \mathbb{X}	
	-4179 May 30 j 21:45	0° \mathbb{Z}		morning max el	-4178 Apr 20 j 02:04	3° \mathbb{X} 20'58	22°34'32
					-4178 May 08 j 01:25	0° \mathbb{Y}	
superior conj	-4179 Jun 04 j 04:40	8° \mathbb{Z} 54'18	1°30'18	asc. node	-4178 May 11 j 12:40	6° \mathbb{Y} 59'55	
minimum elong	-4179 Jun 04 j 02:02	8° \mathbb{Z} 40'44	1°30'08	morning set	-4178 May 12 j 02:35	8° \mathbb{Y} 12'11	
max. Earth dist.	-4179 Jun 08 j 08:56	17° \mathbb{Z} 21'19	1.35520 AU				
evening rise	-4179 Jun 12 j 17:25	25° \mathbb{Z} 46'55		superior conj	-4178 May 19 j 07:55	23° \mathbb{Y} 30'47	1°12'57
	-4179 Jun 14 j 23:51	0° \mathbb{II}		minimum elong	-4178 May 19 j 05:18	23° \mathbb{Y} 16'55	1°12'37
	-4179 Jul 03 j 10:42	0° \mathbb{Q}		max. Earth dist.	-4178 May 22 j 04:21	29° \mathbb{Y} 29'23	1.34247 AU
desc. node	-4179 Jul 06 j 05:39	3° \mathbb{Q} 52'30			-4178 May 22 j 10:16	0° \mathbb{Z}	
evening max el	-4179 Jul 18 j 05:38	18° \mathbb{Q} 04'33	26°32'53	evening rise	-4178 May 27 j 04:16	9° \mathbb{Z} 34'38	
retrograde	-4179 Jul 31 j 02:30	25° \mathbb{Q} 21'08			-4178 Jun 07 j 10:30	0° \mathbb{II}	
evening set	-4179 Aug 06 j 16:47	22° \mathbb{Q} 35'05		desc. node	-4178 Jun 23 j 02:45	22° \mathbb{II} 57'56	
min. Earth dist.	-4179 Aug 10 j 17:20	18° \mathbb{Q} 21'07	0.65967 AU		-4178 Jun 29 j 06:35	0° \mathbb{Q}	
inferior conj	-4179 Aug 12 j 07:42	16° \mathbb{Q} 24'36	-2°35'39	evening max el	-4178 Jun 30 j 17:01	1° \mathbb{Q} 25'40	27°13'10
minimum elong	-4179 Aug 12 j 11:03	16° \mathbb{Q} 14'25	2°34'21	retrograde	-4178 Jul 14 j 02:44	8° \mathbb{Q} 49'18	
morning rise	-4179 Aug 18 j 05:37	10° \mathbb{Q} 38'18		evening set	-4178 Jul 21 j 02:49	6° \mathbb{Q} 02'03	
asc. node	-4179 Aug 20 j 14:59	9° \mathbb{Q} 48'15		min. Earth dist.	-4178 Jul 24 j 20:43	2° \mathbb{Q} 25'10	0.64760 AU
direct	-4179 Aug 21 j 06:42	9° \mathbb{Q} 45'50		inferior conj	-4178 Jul 27 j 00:42	0° \mathbb{Q} 00'09	-3°19'16
morning max el	-4179 Aug 28 j 00:57	13° \mathbb{Q} 32'01	18°42'03	minimum elong	-4178 Jul 27 j 04:27	29° \mathbb{II} 49'39	3°18'06
	-4179 Sep 08 j 21:51	0° \mathbb{O}			-4178 Jul 27 j 00:45	30° \mathbb{R} \mathbb{II}	
morning set	-4179 Sep 17 j 18:27	14° \mathbb{O} 09'42		morning rise	-4178 Aug 02 j 06:38	24° \mathbb{II} 28'50	
	-4179 Sep 27 j 17:01	0° \mathbb{P}		direct	-4178 Aug 05 j 01:49	23° \mathbb{II} 47'10	
desc. node	-4179 Oct 02 j 05:12	7° \mathbb{P} 07'08		asc. node	-4178 Aug 07 j 12:06	24° \mathbb{II} 18'19	
				morning max el	-4178 Aug 11 j 14:28	27° \mathbb{II} 18'10	18°10'38
superior conj	-4179 Oct 03 j 13:40	9° \mathbb{P} 15'02	-0°08'35		-4178 Aug 13 j 23:33	0° \mathbb{Q}	
minimum elong	-4179 Oct 03 j 12:33	9° \mathbb{P} 10'37	0°08'21	morning set	-4178 Aug 29 j 20:36	24° \mathbb{Q} 59'40	
behind sun begin	-4179 Oct 03 j 02:38	8° \mathbb{P} 31'32			-4178 Sep 01 j 20:33	0° \mathbb{O}	
behind sun end	-4179 Oct 03 j 22:28	9° \mathbb{P} 49'41		superior conj	-4178 Sep 12 j 18:29	17° \mathbb{O} 49'35	0°39'26
max. Earth dist.	-4179 Oct 03 j 21:29	9° \mathbb{P} 45'52	1.44823 AU	minimum elong	-4178 Sep 12 j 22:59	18° \mathbb{O} 07'37	0°38'59
	-4179 Oct 16 j 16:46	0° \mathbb{Q}		max. Earth dist.	-4178 Sep 16 j 15:10	23° \mathbb{O} 58'50	1.44527 AU
evening rise	-4179 Oct 19 j 14:49	4° \mathbb{Q} 38'58		desc. node	-4178 Sep 19 j 02:09	27° \mathbb{O} 51'48	
	-4179 Nov 04 j 21:16	0° \mathbb{M}			-4178 Sep 20 j 10:45	0° \mathbb{P}	
evening max el	-4179 Nov 10 j 10:09	6° \mathbb{M} 55'19	19°00'11	evening rise	-4178 Sep 29 j 08:38	13° \mathbb{P} 54'09	
asc. node	-4179 Nov 16 j 13:48	10° \mathbb{M} 48'13			-4178 Oct 09 j 19:33	0° \mathbb{Q}	
retrograde	-4179 Nov 17 j 07:57	10° \mathbb{M} 51'27		greatest brilliancy	-4178 Oct 12 j 04:47	3° \mathbb{Q} 36'07	-0.7m
evening set	-4179 Nov 20 j 12:09	9° \mathbb{M} 53'21		evening max el	-4178 Oct 24 j 16:56	20° \mathbb{Q} 22'26	19°50'33
inferior conj	-4179 Nov 26 j 06:03	4° \mathbb{M} 06'09	2°54'42	retrograde	-4178 Nov 01 j 04:46	24° \mathbb{Q} 44'36	
minimum elong	-4179 Nov 26 j 02:53	4° \mathbb{M} 15'59	2°53'42	asc. node	-4178 Nov 03 j 10:57	24° \mathbb{Q} 15'00	
min. Earth dist.	-4179 Nov 27 j 18:37	2° \mathbb{M} 12'30	0.65467 AU	evening set	-4178 Nov 04 j 17:05	23° \mathbb{Q} 32'36	
	-4179 Nov 29 j 15:48	30° \mathbb{R} \mathbb{Q}		inferior conj	-4178 Nov 10 j 05:55	17° \mathbb{Q} 32'34	2°10'48
morning rise	-4179 Dec 01 j 17:17	27° \mathbb{Q} 57'02					

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4178 Nov 10 j 03:14	17° Ω 41'25	2°09'48			-4177 Oct 26 j 05:13	30° \mathbb{R} \mathbb{M}	
min. Earth dist.	-4178 Nov 11 j 05:32	16° Ω 14'47	0.66435 AU	morning rise		-4177 Oct 30 j 15:31	24° \mathbb{M} 50'28	
morning rise	-4178 Nov 15 j 13:08	11° Ω 19'05		direct		-4177 Nov 04 j 23:01	22° \mathbb{M} 33'13	
direct	-4178 Nov 21 j 11:52	8° Ω 42'47		morning max el		-4177 Nov 15 j 21:01	29° \mathbb{M} 03'53	24°03'58
morning max el	-4178 Dec 03 j 12:19	15° Ω 49'57	25°27'00			-4177 Nov 16 j 18:47	0° Ω	
	-4178 Dec 15 j 06:27	0° \mathbb{M}		desc. node		-4177 Dec 02 j 23:00	20° Ω 50'22	
desc. node	-4178 Dec 16 j 02:03	1° \mathbb{M} 07'00				-4177 Dec 09 j 02:18	0° \mathbb{M}	
	-4177 Jan 03 j 18:11	0° \mathbb{X}		morning set		-4177 Dec 21 j 12:01	20° \mathbb{M} 09'31	
morning set	-4177 Jan 08 j 18:14	8° \mathbb{X} 48'54		max. Earth dist.		-4177 Dec 25 j 09:35	26° \mathbb{M} 59'22	1.38401 AU
max. Earth dist.	-4177 Jan 12 j 12:52	15° \mathbb{X} 47'38	1.36449 AU			-4177 Dec 27 j 01:45	0° \mathbb{X}	
superior conj	-4177 Jan 18 j 09:14	27° \mathbb{X} 08'24	-1°38'57	superior conj		-4176 Jan 01 j 13:33	10° \mathbb{X} 12'25	-1°51'05
minimum elong	-4177 Jan 18 j 12:12	27° \mathbb{X} 23'08	1°38'52	minimum elong		-4176 Jan 01 j 15:20	10° \mathbb{X} 20'57	1°51'11
	-4177 Jan 19 j 19:33	0° \mathbb{Z}		evening rise		-4176 Jan 10 j 09:33	27° \mathbb{X} 25'16	
evening rise	-4177 Jan 26 j 11:23	13° \mathbb{Z} 30'57				-4176 Jan 11 j 17:11	0° \mathbb{Z}	
asc. node	-4177 Jan 30 j 09:59	21° \mathbb{Z} 19'51		asc. node		-4176 Jan 17 j 07:01	10° \mathbb{Z} 28'24	
	-4177 Feb 04 j 04:26	0° \approx		evening max el		-4176 Jan 26 j 23:29	24° \mathbb{Z} 09'22	18°54'47
evening max el	-4177 Feb 13 j 02:29	11° \approx 56'37	19°48'07	retrograde		-4176 Feb 04 j 07:19	28° \mathbb{Z} 09'32	
retrograde	-4177 Feb 22 j 21:20	16° \approx 34'54		evening set		-4176 Feb 06 j 17:38	27° \mathbb{Z} 50'30	
evening set	-4177 Feb 25 j 05:06	16° \approx 20'24		inferior conj		-4176 Feb 14 j 14:31	23° \mathbb{Z} 32'15	3°22'12
inferior conj	-4177 Mar 05 j 19:16	12° \approx 18'15	2°09'49	minimum elong		-4176 Feb 14 j 18:54	23° \mathbb{Z} 24'20	3°21'11
minimum elong	-4177 Mar 06 j 00:01	12° \approx 10'49	2°08'17	min. Earth dist.		-4176 Feb 17 j 19:30	21° \mathbb{Z} 14'51	0.57489 AU
min. Earth dist.	-4177 Mar 08 j 04:01	10° \approx 50'08	0.55992 AU	morning rise		-4176 Feb 22 j 17:39	18° \mathbb{Z} 26'01	
desc. node	-4177 Mar 14 j 01:13	7° \approx 53'46		direct		-4176 Feb 28 j 03:50	17° \mathbb{Z} 15'35	
morning rise	-4177 Mar 14 j 16:35	7° \approx 41'16		desc. node		-4176 Feb 28 j 22:18	17° \mathbb{Z} 17'01	
direct	-4177 Mar 18 j 20:55	7° \approx 02'19		morning max el		-4176 Mar 13 j 09:29	24° \mathbb{Z} 38'05	25°46'17
morning max el	-4177 Apr 01 j 18:22	14° \approx 00'17	24°13'34			-4176 Mar 18 j 07:46	0° \approx	
	-4177 Apr 14 j 04:47	0° \mathbb{X}				-4176 Apr 06 j 01:15	0° \mathbb{X}	
morning set	-4177 Apr 26 j 14:38	23° \mathbb{X} 13'40		morning set		-4176 Apr 10 j 02:38	8° \mathbb{X} 16'11	
asc. node	-4177 Apr 28 j 09:37	27° \mathbb{X} 01'15		asc. node		-4176 Apr 14 j 06:34	17° \mathbb{X} 11'20	
	-4177 Apr 29 j 18:57	0° \mathbb{Y}						
superior conj	-4177 May 03 j 15:56	8° \mathbb{Y} 22'29	0°52'13	superior conj		-4176 Apr 17 j 02:42	23° \mathbb{X} 22'51	0°29'12
minimum elong	-4177 May 03 j 13:49	8° \mathbb{Y} 11'07	0°51'51	minimum elong		-4176 Apr 17 j 01:26	23° \mathbb{X} 15'59	0°28'54
max. Earth dist.	-4177 May 05 j 09:03	12° \mathbb{Y} 03'32	1.33346 AU	max. Earth dist.		-4176 Apr 17 j 20:05	24° \mathbb{X} 57'41	1.32793 AU
evening rise	-4177 May 11 j 01:22	23° \mathbb{Y} 54'22		evening rise		-4176 Apr 20 j 03:51	0° \mathbb{Y}	
	-4177 May 14 j 03:19	0° \mathbb{Z}				-4176 Apr 24 j 05:30	8° \mathbb{Y} 35'46	
	-4177 Jun 01 j 02:03	0° \mathbb{I}		evening max el		-4176 May 05 j 13:16	0° \mathbb{Z}	
desc. node	-4177 Jun 09 j 23:52	11° \mathbb{I} 12'13		desc. node		-4176 May 25 j 09:02	26° \mathbb{Z} 51'23	27°05'01
evening max el	-4177 Jun 13 j 03:02	14° \mathbb{I} 25'25	27°25'16			-4176 May 26 j 20:59	28° \mathbb{Z} 13'58	
retrograde	-4177 Jun 26 j 20:49	21° \mathbb{I} 49'18		retrograde		-4176 May 29 j 00:33	0° \mathbb{I}	
evening set	-4177 Jul 04 j 00:27	19° \mathbb{I} 13'38		evening set		-4176 Jun 08 j 07:59	4° \mathbb{I} 13'05	
min. Earth dist.	-4177 Jul 07 j 14:38	16° \mathbb{I} 08'16	0.63183 AU			-4176 Jun 15 j 05:43	2° \mathbb{I} 02'41	
inferior conj	-4177 Jul 10 j 08:25	13° \mathbb{I} 23'15	-3°54'04	min. Earth dist.		-4176 Jun 18 j 01:50	30° \mathbb{R} \mathbb{Z}	
minimum elong	-4177 Jul 10 j 11:42	13° \mathbb{I} 15'00	3°53'21	inferior conj		-4176 Jun 18 j 22:29	29° \mathbb{Z} 17'12	0.61298 AU
morning rise	-4177 Jul 16 j 23:54	8° \mathbb{I} 10'04		minimum elong		-4176 Jun 22 j 03:40	26° \mathbb{Z} 26'46	-4°14'56
direct	-4177 Jul 19 j 15:22	7° \mathbb{I} 36'35		morning rise		-4176 Jun 22 j 05:13	26° \mathbb{Z} 23'20	4°14'42
asc. node	-4177 Jul 25 j 09:10	10° \mathbb{I} 13'41		morning rise		-4176 Jun 29 j 06:18	21° \mathbb{Z} 34'24	
morning max el	-4177 Jul 26 j 05:17	11° \mathbb{I} 00'46	17°57'01	direct		-4176 Jul 01 j 19:42	21° \mathbb{Z} 07'17	
	-4177 Aug 07 j 23:25	0° \mathbb{Z}		morning max el		-4176 Jul 08 j 18:46	24° \mathbb{Z} 34'16	18°02'03
morning set	-4177 Aug 11 j 23:02	6° \mathbb{Z} 58'57		asc. node		-4176 Jul 11 j 06:12	27° \mathbb{Z} 19'24	
						-4176 Jul 13 j 06:03	0° \mathbb{I}	
superior conj	-4177 Aug 23 j 21:49	27° \mathbb{Z} 31'30	1°16'44	morning set		-4176 Jul 24 j 20:18	19° \mathbb{I} 52'58	
minimum elong	-4177 Aug 24 j 03:33	27° \mathbb{Z} 55'24	1°16'20			-4176 Jul 30 j 09:02	0° \mathbb{Z}	
	-4177 Aug 25 j 09:34	0° \mathbb{Q}		superior conj		-4176 Aug 04 j 04:52	8° \mathbb{Z} 36'17	1°39'23
max. Earth dist.	-4177 Aug 30 j 06:23	7° \mathbb{Q} 56'57	1.43548 AU	minimum elong		-4176 Aug 04 j 08:31	8° \mathbb{Z} 52'17	1°39'21
desc. node	-4177 Sep 05 j 23:07	18° \mathbb{Q} 35'06		max. Earth dist.		-4176 Aug 11 j 16:28	21° \mathbb{Z} 22'44	1.42019 AU
evening rise	-4177 Sep 08 j 12:59	22° \mathbb{Q} 35'59				-4176 Aug 16 j 23:18	0° \mathbb{Q}	
	-4177 Sep 13 j 08:33	0° \mathbb{M}		evening rise		-4176 Aug 17 j 23:27	1° \mathbb{Q} 36'26	
	-4177 Oct 04 j 08:52	0° Ω		desc. node		-4176 Aug 22 j 20:06	9° \mathbb{Q} 13'50	
evening max el	-4177 Oct 07 j 17:59	3° Ω 48'47	20°54'46			-4176 Sep 05 j 20:47	0° \mathbb{M}	
retrograde	-4177 Oct 16 j 01:46	8° Ω 44'04		evening max el		-4176 Sep 19 j 12:45	17° \mathbb{M} 14'00	22°09'31
evening set	-4177 Oct 20 j 00:28	7° Ω 15'28		retrograde		-4176 Sep 28 j 21:20	22° \mathbb{M} 47'35	
asc. node	-4177 Oct 21 j 08:05	6° Ω 06'29		evening set		-4176 Oct 03 j 08:26	21° \mathbb{M} 00'14	
inferior conj	-4177 Oct 25 j 09:53	1° Ω 05'50	1°21'48	asc. node		-4176 Oct 07 j 05:12	16° \mathbb{M} 43'12	
minimum elong	-4177 Oct 25 j 08:05	1° Ω 12'00	1°21'04	inferior conj		-4176 Oct 08 j 16:02	14° \mathbb{M} 44'18	0°29'44
min. Earth dist.	-4177 Oct 25 j 21:58	0° Ω 24'38	0.67064 AU	minimum elong		-4176 Oct 08 j 15:21	14° \mathbb{M} 46'41	0°29'30

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

min. Earth dist.	-4176 Oct 08 j 17:34	14° \mathbb{M} 39'01	0.67377 AU	inferior conj	-4175 Sep 22 j 22:36	28° Ω 26'28	-0°23'40
morning rise	-4176 Oct 13 j 22:08	8° \mathbb{M} 29'48		minimum elong	-4175 Sep 22 j 23:09	28° Ω 24'35	0°23'19
direct	-4176 Oct 18 j 14:35	6° \mathbb{M} 34'00		min. Earth dist.	-4175 Sep 22 j 13:57	28° Ω 56'09	0.67387 AU
morning max el	-4176 Oct 28 j 08:02	12° \mathbb{M} 21'44	22°37'40	asc. node	-4175 Sep 24 j 02:18	26° Ω 52'25	
	-4176 Nov 11 j 07:52	0° $\underline{\mathbf{A}}$		morning rise	-4175 Sep 28 j 06:59	22° Ω 15'40	
desc. node	-4176 Nov 18 j 19:57	10° $\underline{\mathbf{A}}$ 56'38		direct	-4175 Oct 02 j 09:43	20° Ω 40'53	
morning set	-4176 Dec 01 j 02:13	0° \mathbb{M} 08'07		morning max el	-4175 Oct 11 j 00:20	25° Ω 45'53	21°16'06
	-4176 Dec 01 j 00:13	0° \mathbb{M}			-4175 Oct 14 j 18:34	0° \mathbb{M}	
max. Earth dist.	-4176 Dec 06 j 06:50	8° \mathbb{M} 47'09	1.40468 AU		-4175 Nov 04 j 20:15	0° $\underline{\mathbf{A}}$	
				desc. node	-4175 Nov 05 j 16:53	1° $\underline{\mathbf{A}}$ 19'09	
superior conj	-4176 Dec 14 j 01:00	22° \mathbb{M} 23'12	-1°54'07	morning set	-4175 Nov 10 j 13:23	8° $\underline{\mathbf{A}}$ 51'37	
minimum elong	-4176 Dec 14 j 00:14	22° \mathbb{M} 19'43	1°54'15	max. Earth dist.	-4175 Nov 18 j 09:49	21° $\underline{\mathbf{A}}$ 26'44	1.42362 AU
	-4176 Dec 18 j 04:38	0° \mathbb{M}			-4175 Nov 23 j 13:16	0° \mathbb{M}	
evening rise	-4176 Dec 23 j 22:18	10° \mathbb{M} 47'13					
asc. node	-4175 Jan 03 j 04:04	29° \mathbb{M} 04'23		superior conj	-4175 Nov 25 j 14:00	3° \mathbb{M} 27'15	-1°44'21
	-4175 Jan 03 j 18:31	0° \mathbb{M}		minimum elong	-4175 Nov 25 j 09:36	3° \mathbb{M} 08'24	1°44'11
evening max el	-4175 Jan 09 j 04:27	6° \mathbb{M} 50'51	18°21'30	evening rise	-4175 Dec 06 j 22:02	23° \mathbb{M} 29'03	
retrograde	-4175 Jan 16 j 11:55	10° \mathbb{M} 28'10			-4175 Dec 10 j 12:48	0° \mathbb{M}	
evening set	-4175 Jan 19 j 01:08	10° \mathbb{M} 02'54		asc. node	-4175 Dec 21 j 01:09	16° \mathbb{M} 57'55	
inferior conj	-4175 Jan 26 j 06:15	5° \mathbb{M} 23'58	3°57'24	evening max el	-4175 Dec 23 j 14:41	19° \mathbb{M} 53'47	18°08'11
minimum elong	-4175 Jan 26 j 08:00	5° \mathbb{M} 20'18	3°57'04	retrograde	-4175 Dec 30 j 08:22	23° \mathbb{M} 22'08	
min. Earth dist.	-4175 Jan 29 j 14:57	2° \mathbb{M} 36'14	0.59403 AU	evening set	-4174 Jan 02 j 00:30	22° \mathbb{M} 49'32	
	-4175 Feb 02 j 08:55	30° \mathbb{M} 47'13		inferior conj	-4174 Jan 08 j 16:36	17° \mathbb{M} 49'15	4°02'39
morning rise	-4175 Feb 02 j 12:53	29° \mathbb{M} 54'24		minimum elong	-4174 Jan 08 j 15:43	17° \mathbb{M} 51'22	4°02'26
direct	-4175 Feb 08 j 23:12	28° \mathbb{M} 04'48		min. Earth dist.	-4174 Jan 11 j 17:32	14° \mathbb{M} 54'49	0.61406 AU
desc. node	-4175 Feb 14 j 19:23	29° \mathbb{M} 29'46		morning rise	-4174 Jan 15 j 05:41	12° \mathbb{M} 03'42	
	-4175 Feb 15 j 19:22	0° \mathbb{M}		direct	-4174 Jan 22 j 05:09	9° \mathbb{M} 39'27	
morning max el	-4175 Feb 23 j 04:55	5° \mathbb{M} 40'37	26°57'34	desc. node	-4174 Feb 01 j 16:27	14° \mathbb{M} 10'36	
	-4175 Mar 13 j 06:00	0° \mathbb{M}		morning max el	-4174 Feb 05 j 06:33	17° \mathbb{M} 21'58	27°36'26
morning set	-4175 Mar 25 j 12:46	23° \mathbb{M} 12'07			-4174 Feb 15 j 20:05	0° \mathbb{M}	
	-4175 Mar 28 j 17:42	0° \mathbb{M}			-4174 Mar 05 j 20:05	0° \mathbb{M}	
asc. node	-4175 Apr 01 j 03:32	7° \mathbb{M} 24'56		morning set	-4174 Mar 09 j 19:08	7° \mathbb{M} 54'24	
				max. Earth dist.	-4174 Mar 15 j 21:36	20° \mathbb{M} 50'00	1.32702 AU
superior conj	-4175 Apr 01 j 14:26	8° \mathbb{M} 24'33	0°04'45				
minimum elong	-4175 Apr 01 j 14:13	8° \mathbb{M} 23'24	0°04'38	superior conj	-4174 Mar 17 j 01:31	23° \mathbb{M} 21'44	-0°20'19
behind sun begin	-4175 Apr 01 j 09:25	7° \mathbb{M} 57'07		minimum elong	-4174 Mar 17 j 02:26	23° \mathbb{M} 26'43	0°20'15
behind sun end	-4175 Apr 01 j 19:01	8° \mathbb{M} 49'42		asc. node	-4174 Mar 19 j 00:32	27° \mathbb{M} 38'00	
max. Earth dist.	-4175 Apr 01 j 09:31	7° \mathbb{M} 57'40	1.32575 AU		-4174 Mar 20 j 02:37	0° \mathbb{M}	
evening rise	-4175 Apr 08 j 14:04	23° \mathbb{M} 28'55		evening rise	-4174 Mar 24 j 01:06	8° \mathbb{M} 26'42	
	-4175 Apr 11 j 18:28	0° \mathbb{M}			-4174 Apr 04 j 08:09	0° \mathbb{M}	
	-4175 Apr 29 j 19:50	0° \mathbb{M}		evening max el	-4174 Apr 19 j 03:01	19° \mathbb{M} 39'51	24°54'19
evening max el	-4175 May 07 j 08:52	8° \mathbb{M} 34'44	26°12'39	desc. node	-4174 Apr 30 j 15:12	26° \mathbb{M} 31'55	
desc. node	-4175 May 13 j 18:05	13° \mathbb{M} 32'36		retrograde	-4174 May 03 j 03:38	26° \mathbb{M} 46'41	
retrograde	-4175 May 21 j 10:58	15° \mathbb{M} 52'37		evening set	-4174 May 08 j 02:21	25° \mathbb{M} 50'33	
evening set	-4175 May 27 j 14:44	14° \mathbb{M} 18'27		min. Earth dist.	-4174 May 13 j 15:18	22° \mathbb{M} 55'20	0.57336 AU
min. Earth dist.	-4175 May 31 j 21:41	11° \mathbb{M} 36'10	0.59256 AU	inferior conj	-4174 May 16 j 14:32	20° \mathbb{M} 56'43	-3°41'58
inferior conj	-4175 Jun 04 j 06:44	9° \mathbb{M} 00'40	-4°14'15	minimum elong	-4174 May 16 j 09:39	21° \mathbb{M} 04'54	3°41'02
minimum elong	-4175 Jun 04 j 05:11	9° \mathbb{M} 03'40	4°14'03	morning rise	-4174 May 24 j 20:03	16° \mathbb{M} 45'49	
morning rise	-4175 Jun 11 j 22:08	4° \mathbb{M} 30'14		direct	-4174 May 27 j 07:20	16° \mathbb{M} 28'08	
direct	-4175 Jun 14 j 10:19	4° \mathbb{M} 08'22		morning max el	-4174 Jun 05 j 06:11	20° \mathbb{M} 38'46	19°11'26
morning max el	-4175 Jun 22 j 04:02	7° \mathbb{M} 49'59	18°26'38		-4174 Jun 12 j 14:01	0° \mathbb{M}	
asc. node	-4175 Jun 28 j 03:12	15° \mathbb{M} 19'50		asc. node	-4174 Jun 15 j 00:14	4° \mathbb{M} 02'28	
	-4175 Jul 06 j 11:42	0° \mathbb{M}		morning set	-4174 Jun 22 j 04:34	17° \mathbb{M} 36'05	
morning set	-4175 Jul 08 j 07:26	3° \mathbb{M} 28'28			-4174 Jun 28 j 10:34	0° \mathbb{M}	
superior conj	-4175 Jul 17 j 11:49	20° \mathbb{M} 53'02	1°48'40	superior conj	-4174 Jun 30 j 12:56	4° \mathbb{M} 05'48	1°47'23
minimum elong	-4175 Jul 17 j 12:44	20° \mathbb{M} 57'14	1°48'49	minimum elong	-4174 Jun 30 j 11:46	4° \mathbb{M} 00'05	1°47'30
	-4175 Jul 22 j 12:49	0° \mathbb{M}		max. Earth dist.	-4174 Jul 06 j 21:46	16° \mathbb{M} 04'56	1.38206 AU
max. Earth dist.	-4175 Jul 24 j 20:24	4° \mathbb{M} 03'15	1.40150 AU	evening rise	-4174 Jul 10 j 18:48	23° \mathbb{M} 00'43	
evening rise	-4175 Jul 29 j 07:56	11° \mathbb{M} 39'50			-4174 Jul 14 j 20:38	0° \mathbb{M}	
desc. node	-4175 Aug 09 j 17:06	29° \mathbb{M} 43'56		desc. node	-4174 Jul 27 j 14:07	20° \mathbb{M} 00'21	
	-4175 Aug 09 j 21:21	0° \mathbb{M}			-4174 Aug 03 j 16:30	0° \mathbb{M}	
	-4175 Sep 01 j 10:44	0° \mathbb{M}		evening max el	-4174 Aug 15 j 13:22	14° \mathbb{M} 08'31	24°49'23
evening max el	-4175 Sep 02 j 02:20	0° \mathbb{M} 39'43	23°29'58	retrograde	-4174 Aug 27 j 02:57	20° \mathbb{M} 53'34	
retrograde	-4175 Sep 12 j 14:05	6° \mathbb{M} 52'07		evening set	-4174 Sep 01 j 19:04	18° \mathbb{M} 28'03	
evening set	-4175 Sep 17 j 15:15	4° \mathbb{M} 45'09		min. Earth dist.	-4174 Sep 06 j 08:36	13° \mathbb{M} 14'08	0.67097 AU
	-4175 Sep 21 j 19:10	30° \mathbb{M} 47'09		inferior conj	-4174 Sep 07 j 03:52	12° \mathbb{M} 10'06	-1°16'48

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4174 Sep 07 j 05:39	12°Ω04'10	1°15'55		-4173 Aug 18 j 21:13	30°κϢ	
asc. node	-4174 Sep 10 j 23:27	7°Ω33'08		min. Earth dist.	-4173 Aug 20 j 23:06	27°Ϣ31'16	0.66484 AU
morning rise	-4174 Sep 12 j 16:14	6°Ω06'11		inferior conj	-4173 Aug 22 j 06:02	25°Ϣ53'37	-2°07'53
direct	-4174 Sep 16 j 07:16	4°Ω50'08		minimum elong	-4173 Aug 22 j 08:54	25°Ϣ44'34	2°06'40
morning max el	-4174 Sep 23 j 23:38	9°Ω17'52	20°04'56	morning rise	-4173 Aug 27 j 24:00	19°Ϣ59'53	
	-4174 Oct 09 j 07:44	0°൬		asc. node	-4173 Aug 28 j 20:34	19°Ϣ32'10	
morning set	-4174 Oct 20 j 11:36	17°൬03'42		direct	-4173 Aug 31 j 05:35	18°Ϣ59'36	
desc. node	-4174 Oct 23 j 13:50	21°൬52'17		morning max el	-4173 Sep 07 j 05:53	22°Ϣ58'08	19°07'47
	-4174 Oct 28 j 18:02	0°Ω			-4173 Sep 12 j 22:46	0°Ω	
max. Earth dist.	-4174 Oct 31 j 20:03	4°Ω54'15	1.43825 AU	morning set	-4173 Sep 29 j 20:31	25°Ω52'56	
					-4173 Oct 02 j 11:21	0°൬	
superior conj	-4174 Nov 05 j 23:49	13°Ω13'38	-1°18'30	desc. node	-4173 Oct 10 j 10:48	12°൬32'32	
minimum elong	-4174 Nov 05 j 16:55	12°Ω45'31	1°17'50	max. Earth dist.	-4173 Oct 14 j 12:03	18°൬55'43	1.44669 AU
	-4174 Nov 16 j 01:14	0°൬					
evening rise	-4174 Nov 19 j 04:13	5°൬20'41		superior conj	-4173 Oct 16 j 08:39	21°൬51'58	-0°36'53
	-4174 Dec 04 j 10:00	0°ϣ		minimum elong	-4173 Oct 16 j 04:02	21°൬33'42	0°36'15
evening max el	-4174 Dec 07 j 03:19	3°ϣ09'53	18°14'09		-4173 Oct 21 j 11:25	0°Ω	
asc. node	-4174 Dec 07 j 22:17	3°ϣ55'38		evening rise	-4173 Oct 31 j 12:14	16°Ω13'28	
retrograde	-4174 Dec 13 j 16:23	6°ϣ41'06			-4173 Nov 08 j 22:43	0°൬	
evening set	-4174 Dec 16 j 12:07	5°ϣ59'53		evening max el	-4173 Nov 20 j 15:32	16°൬33'14	18°38'25
inferior conj	-4174 Dec 22 j 17:49	0°ϣ39'23	3°46'48	asc. node	-4173 Nov 24 j 19:24	19°൬42'45	
minimum elong	-4174 Dec 22 j 15:17	0°ϣ46'14	3°46'17	retrograde	-4173 Nov 27 j 07:58	20°൬17'29	
	-4174 Dec 23 j 08:19	30°κ൬		evening set	-4173 Nov 30 j 08:39	19°൬26'01	
min. Earth dist.	-4174 Dec 25 j 05:15	27°൬59'10	0.63240 AU	inferior conj	-4173 Dec 06 j 06:15	13°൬47'33	3°16'40
morning rise	-4174 Dec 28 j 17:46	24°൬42'39		minimum elong	-4173 Dec 06 j 03:05	13°൬56'58	3°15'47
direct	-4173 Jan 04 j 19:13	21°൬57'15		min. Earth dist.	-4173 Dec 08 j 02:50	11°൬35'05	0.64759 AU
morning max el	-4173 Jan 18 j 13:12	29°൬41'03	27°39'10	morning rise	-4173 Dec 11 j 21:09	7°൬42'26	
	-4173 Jan 18 j 20:50	0°ϣ		direct	-4173 Dec 18 j 15:57	4°൬51'19	
desc. node	-4173 Jan 19 j 13:31	0°ϣ42'23		morning max el	-4173 Dec 31 j 22:30	12°൬29'29	27°08'08
	-4173 Feb 09 j 17:47	0°Ϣ		desc. node	-4172 Jan 06 j 10:34	18°൬33'33	
morning set	-4173 Feb 21 j 19:23	22°Ϣ14'27			-4172 Jan 15 j 01:42	0°ϣ	
	-4173 Feb 25 j 14:17	0°≈			-4172 Feb 02 j 06:14	0°Ϣ	
max. Earth dist.	-4173 Feb 27 j 04:28	3°≈21'00	1.33202 AU	morning set	-4172 Feb 05 j 10:28	6°Ϣ02'23	
				max. Earth dist.	-4172 Feb 10 j 02:33	15°Ϣ20'41	1.34117 AU
superior conj	-4173 Mar 01 j 10:14	8°≈07'57	-0°45'05				
minimum elong	-4173 Mar 01 j 12:12	8°≈18'33	0°44'51	superior conj	-4172 Feb 13 j 14:37	22°Ϣ36'32	-1°08'27
asc. node	-4173 Mar 05 j 21:33	17°≈46'08		minimum elong	-4172 Feb 13 j 17:24	22°Ϣ51'11	1°08'11
evening rise	-4173 Mar 08 j 12:44	23°≈22'11			-4172 Feb 17 j 02:29	0°≈	
	-4173 Mar 11 j 18:03	0°ϣ		evening rise	-4172 Feb 20 j 23:14	8°≈09'03	
	-4173 Mar 31 j 09:00	0°ϣ		asc. node	-4172 Feb 20 j 18:35	7°≈44'47	
evening max el	-4173 Mar 31 j 19:09	0°ϣ24'36	23°21'50		-4172 Mar 03 j 17:02	0°ϣ	
retrograde	-4173 Apr 14 j 07:22	7°ϣ05'31		evening max el	-4172 Mar 12 j 15:02	11°ϣ14'29	21°49'06
evening set	-4173 Apr 17 j 22:22	6°ϣ36'44		retrograde	-4172 Mar 24 j 23:46	17°ϣ12'43	
desc. node	-4173 Apr 17 j 12:20	6°ϣ42'54		evening set	-4172 Mar 27 j 16:16	16°ϣ56'35	
min. Earth dist.	-4173 Apr 25 j 06:12	3°ϣ17'07	0.55881 AU	desc. node	-4172 Apr 03 j 09:29	14°ϣ19'55	
inferior conj	-4173 Apr 27 j 02:39	2°ϣ11'20	-2°30'04	inferior conj	-4172 Apr 06 j 00:35	12°ϣ52'51	-0°43'34
minimum elong	-4173 Apr 26 j 20:58	2°ϣ19'46	2°28'28	minimum elong	-4172 Apr 05 j 22:34	12°ϣ55'42	0°42'56
	-4173 May 01 j 00:28	30°κϣ		min. Earth dist.	-4172 Apr 05 j 20:06	12°κ59'09	0.55199 AU
morning rise	-4173 May 05 j 22:09	28°κ12'38		morning rise	-4172 Apr 15 j 05:39	8°κ52'29	
direct	-4173 May 08 j 10:01	27°κ57'17		direct	-4172 Apr 17 j 23:58	8°κ35'30	
	-4173 May 15 j 05:34	0°ϣ		morning max el	-4172 Apr 30 j 04:11	14°κ21'43	21°40'13
morning max el	-4173 May 18 j 22:40	2°ϣ51'14	20°16'36		-4172 May 11 j 21:08	0°ϣ	
asc. node	-4173 Jun 01 j 21:16	23°ϣ17'15		asc. node	-4172 May 18 j 18:15	12°ϣ55'14	
	-4173 Jun 05 j 07:23	0°ϣ		morning set	-4172 May 20 j 17:36	16°ϣ57'12	
morning set	-4173 Jun 06 j 08:48	2°ϣ08'20			-4172 May 26 j 22:54	0°ϣ	
superior conj	-4173 Jun 14 j 03:13	18°ϣ00'38	1°38'15	superior conj	-4172 May 28 j 02:38	2°ϣ24'55	1°23'25
minimum elong	-4173 Jun 14 j 00:53	17°ϣ48'48	1°38'11	minimum elong	-4172 May 27 j 23:56	2°ϣ10'50	1°23'10
max. Earth dist.	-4173 Jun 19 j 03:06	27°ϣ52'18	1.36419 AU	max. Earth dist.	-4172 May 31 j 17:02	9°ϣ49'03	1.34936 AU
	-4173 Jun 20 j 05:47	0°Π		evening rise	-4172 Jun 05 j 07:40	18°ϣ54'46	
evening rise	-4173 Jun 23 j 04:34	5°Π31'07			-4172 Jun 11 j 07:49	0°Π	
	-4173 Jul 07 j 17:00	0°Ϣ		desc. node	-4172 Jun 30 j 08:13	29°Π24'36	
desc. node	-4173 Jul 14 j 11:09	9°Ϣ57'02			-4172 Jun 30 j 19:03	0°Ϣ	
evening max el	-4173 Jul 29 j 00:15	27°Ϣ40'23	25°59'45	evening max el	-4172 Jul 10 j 11:35	11°Ϣ08'03	26°53'02
	-4173 Jul 31 j 13:09	0°Ω		retrograde	-4172 Jul 23 j 14:13	18°Ϣ27'53	
retrograde	-4173 Aug 10 j 11:08	4°Ω47'50		evening set	-4172 Jul 30 j 09:25	15°Ϣ39'57	
evening set	-4173 Aug 16 j 17:55	2°Ω07'31		min. Earth dist.	-4172 Aug 03 j 06:58	11°Ϣ42'16	0.65506 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

inferior conj	-4172 Aug 05 j 03:00	9° \mathfrak{C} 33'03	-2°54'58	retrograde	-4171 Jul 06 j 11:55	1° \mathfrak{C} 45'33	
minimum elong	-4172 Aug 05 j 06:36	9° \mathfrak{C} 22'29	2°53'42		-4171 Jul 12 j 04:52	30° \mathfrak{R} II	
morning rise	-4172 Aug 11 j 04:09	3° \mathfrak{C} 52'50		evening set	-4171 Jul 13 j 14:37	29° \mathfrak{II} 01'09	
direct	-4172 Aug 14 j 02:33	3° \mathfrak{C} 05'12		min. Earth dist.	-4171 Jul 17 j 06:18	25° \mathfrak{II} 39'02	0.64140 AU
asc. node	-4172 Aug 14 j 17:40	3° \mathfrak{C} 07'23		inferior conj	-4171 Jul 19 j 16:23	23° \mathfrak{II} 03'52	-3°35'20
morning max el	-4172 Aug 20 j 17:26	6° \mathfrak{C} 43'28	18°26'36	minimum elong	-4171 Jul 19 j 20:04	22° \mathfrak{II} 54'00	3°34'21
	-4172 Sep 05 j 15:18	0° \mathfrak{Q}		morning rise	-4171 Jul 26 j 02:14	17° \mathfrak{II} 40'14	
morning set	-4172 Sep 09 j 06:47	5° \mathfrak{Q} 57'15		direct	-4171 Jul 28 j 19:35	17° \mathfrak{II} 02'24	
				asc. node	-4171 Aug 01 j 14:44	18° \mathfrak{II} 15'31	
superior conj	-4172 Sep 24 j 08:05	0° \mathfrak{M} 08'05	0°12'35	morning max el	-4171 Aug 04 j 07:53	20° \mathfrak{II} 29'13	18°02'37
minimum elong	-4172 Sep 24 j 09:42	0° \mathfrak{M} 14'31	0°12'27		-4171 Aug 11 j 11:40	0° \mathfrak{C}	
behind sun begin	-4172 Sep 24 j 02:21	29° \mathfrak{Q} 45'27		morning set	-4171 Aug 21 j 19:48	17° \mathfrak{C} 18'04	
behind sun end	-4172 Sep 24 j 17:03	0° \mathfrak{M} 43'35			-4171 Aug 29 j 08:02	0° \mathfrak{Q}	
	-4172 Sep 24 j 06:02	0° \mathfrak{M}					
desc. node	-4172 Sep 26 j 07:44	3° \mathfrak{M} 16'17		superior conj	-4171 Sep 03 j 20:57	9° \mathfrak{Q} 07'09	0°56'59
max. Earth dist.	-4172 Sep 26 j 06:23	3° \mathfrak{M} 10'57	1.44788 AU	minimum elong	-4171 Sep 04 j 02:33	9° \mathfrak{Q} 29'55	0°56'29
evening rise	-4172 Oct 10 j 19:15	26° \mathfrak{M} 02'06		max. Earth dist.	-4171 Sep 08 j 23:18	17° \mathfrak{Q} 19'29	1.44185 AU
	-4172 Oct 13 j 07:47	0° \mathfrak{L}		desc. node	-4171 Sep 13 j 04:40	24° \mathfrak{Q} 00'36	
greatest brilliancy	-4172 Oct 20 j 20:03	11° \mathfrak{L} 44'56	-0.8m		-4171 Sep 17 j 00:34	0° \mathfrak{M}	
evening max el	-4172 Nov 03 j 00:50	29° \mathfrak{L} 59'21	19°19'45	evening rise	-4171 Sep 20 j 05:17	4° \mathfrak{M} 57'26	
	-4172 Nov 03 j 01:05	0° \mathfrak{M}			-4171 Oct 06 j 19:28	0° \mathfrak{L}	
retrograde	-4172 Nov 10 j 03:45	4° \mathfrak{M} 05'39		evening max el	-4171 Oct 17 j 05:10	13° \mathfrak{L} 25'28	20°16'22
asc. node	-4172 Nov 10 j 16:31	4° \mathfrak{M} 04'02		retrograde	-4171 Oct 25 j 00:59	18° \mathfrak{L} 01'29	
evening set	-4172 Nov 13 j 11:12	3° \mathfrak{M} 01'48		evening set	-4171 Oct 28 j 17:23	16° \mathfrak{L} 42'45	
	-4172 Nov 16 j 18:49	30° \mathfrak{R} \mathfrak{L}		asc. node	-4171 Oct 28 j 13:38	16° \mathfrak{L} 49'19	
inferior conj	-4172 Nov 19 j 02:41	27° \mathfrak{L} 08'29	2°36'52	inferior conj	-4171 Nov 03 j 04:32	10° \mathfrak{L} 38'00	1°50'31
minimum elong	-4172 Nov 18 j 23:40	27° \mathfrak{L} 18'08	2°35'49	minimum elong	-4171 Nov 03 j 02:11	10° \mathfrak{L} 45'54	1°49'36
min. Earth dist.	-4172 Nov 20 j 09:28	25° \mathfrak{L} 30'09	0.65916 AU	min. Earth dist.	-4171 Nov 03 j 23:04	9° \mathfrak{L} 35'50	0.66732 AU
morning rise	-4172 Nov 24 j 11:53	20° \mathfrak{L} 57'15		morning rise	-4171 Nov 08 j 10:47	4° \mathfrak{L} 23'10	
direct	-4172 Nov 30 j 18:39	18° \mathfrak{L} 13'06		direct	-4171 Nov 14 j 02:58	1° \mathfrak{L} 54'33	
morning max el	-4172 Dec 13 j 08:11	25° \mathfrak{L} 35'36	26°09'46	morning max el	-4171 Nov 25 j 17:01	8° \mathfrak{L} 48'16	24°52'45
	-4172 Dec 17 j 09:55	0° \mathfrak{M}		desc. node	-4171 Dec 10 j 04:33	26° \mathfrak{L} 46'50	
desc. node	-4172 Dec 23 j 07:36	7° \mathfrak{M} 20'44			-4171 Dec 12 j 10:36	0° \mathfrak{M}	
	-4171 Jan 07 j 13:52	0° \mathfrak{X}			-4171 Dec 31 j 04:03	0° \mathfrak{X}	
morning set	-4171 Jan 18 j 12:23	19° \mathfrak{X} 06'00		morning set	-4171 Dec 31 j 19:38	1° \mathfrak{X} 08'46	
max. Earth dist.	-4171 Jan 22 j 13:16	26° \mathfrak{X} 47'06	1.35470 AU	max. Earth dist.	-4170 Jan 04 j 13:08	7° \mathfrak{X} 52'58	1.37238 AU
	-4171 Jan 24 j 04:35	0° \mathfrak{Z}					
				superior conj	-4170 Jan 10 j 23:56	20° \mathfrak{X} 08'10	-1°45'01
superior conj	-4171 Jan 27 j 12:14	6° \mathfrak{Z} 39'59	-1°29'04	minimum elong	-4170 Jan 11 j 02:33	20° \mathfrak{X} 20'59	1°45'00
minimum elong	-4171 Jan 27 j 15:22	6° \mathfrak{Z} 55'52	1°28'52		-4170 Jan 15 j 23:09	0° \mathfrak{Z}	
evening rise	-4171 Feb 04 j 06:42	22° \mathfrak{Z} 41'02		evening rise	-4170 Jan 19 j 08:56	6° \mathfrak{Z} 50'26	
asc. node	-4171 Feb 06 j 15:36	27° \mathfrak{Z} 29'10		asc. node	-4170 Jan 24 j 12:37	16° \mathfrak{Z} 52'35	
	-4171 Feb 07 j 22:07	0° \mathfrak{A}			-4170 Feb 01 j 14:15	0° \mathfrak{A}	
evening max el	-4171 Feb 22 j 19:50	22° \mathfrak{A} 32'08	20°27'29	evening max el	-4170 Feb 05 j 11:11	4° \mathfrak{A} 25'04	19°23'05
retrograde	-4171 Mar 05 j 14:12	27° \mathfrak{A} 39'09		retrograde	-4170 Feb 14 j 14:21	8° \mathfrak{A} 45'38	
evening set	-4171 Mar 07 j 22:01	27° \mathfrak{A} 25'48		evening set	-4170 Feb 16 j 22:41	8° \mathfrak{A} 29'41	
inferior conj	-4171 Mar 16 j 21:07	23° \mathfrak{A} 27'24	1°11'54	inferior conj	-4170 Feb 25 j 05:36	4° \mathfrak{A} 21'48	2°45'12
minimum elong	-4171 Mar 17 j 00:13	23° \mathfrak{A} 22'51	1°10'46	minimum elong	-4170 Feb 25 j 10:39	4° \mathfrak{A} 13'26	2°43'45
min. Earth dist.	-4171 Mar 18 j 10:13	22° \mathfrak{A} 33'01	0.55441 AU	min. Earth dist.	-4170 Feb 28 j 01:08	2° \mathfrak{A} 30'49	0.56549 AU
desc. node	-4171 Mar 21 j 06:37	20° \mathfrak{A} 58'47			-4170 Mar 04 j 14:55	30° \mathfrak{R} \mathfrak{Z}	
morning rise	-4171 Mar 26 j 00:57	19° \mathfrak{A} 07'08		morning rise	-4170 Mar 05 j 19:53	29° \mathfrak{Z} 31'34	
direct	-4171 Mar 29 j 13:14	18° \mathfrak{A} 40'16		desc. node	-4170 Mar 08 j 03:44	28° \mathfrak{Z} 53'58	
morning max el	-4171 Apr 12 j 00:20	25° \mathfrak{A} 16'08	23°16'29	direct	-4170 Mar 10 j 12:47	28° \mathfrak{Z} 40'49	
	-4171 Apr 16 j 09:30	0° \mathfrak{H}			-4170 Mar 16 j 09:41	0° \mathfrak{A}	
	-4171 May 04 j 06:36	0° \mathfrak{Y}		morning max el	-4170 Mar 24 j 15:31	5° \mathfrak{A} 51'56	24°54'37
morning set	-4171 May 05 j 05:00	1° \mathfrak{Y} 56'23			-4170 Apr 11 j 00:46	0° \mathfrak{H}	
asc. node	-4171 May 05 j 15:15	2° \mathfrak{Y} 50'06		morning set	-4170 Apr 19 j 17:13	16° \mathfrak{H} 59'03	
				asc. node	-4170 Apr 22 j 12:12	22° \mathfrak{H} 55'47	
					-4170 Apr 25 j 18:28	0° \mathfrak{Y}	
superior conj	-4171 May 12 j 08:14	17° \mathfrak{Y} 09'29	1°04'30				
minimum elong	-4171 May 12 j 05:46	16° \mathfrak{Y} 56'23	1°04'09	superior conj	-4170 Apr 26 j 17:39	2° \mathfrak{Y} 05'55	0°42'42
max. Earth dist.	-4171 May 14 j 16:43	22° \mathfrak{Y} 09'05	1.33821 AU	minimum elong	-4170 Apr 26 j 15:52	1° \mathfrak{Y} 56'16	0°42'21
	-4171 May 18 j 11:53	0° \mathfrak{B}		max. Earth dist.	-4170 Apr 28 j 00:18	4° \mathfrak{Y} 51'54	1.33068 AU
evening rise	-4171 May 19 j 23:21	2° \mathfrak{B} 57'51		evening rise	-4170 May 03 j 23:46	17° \mathfrak{Y} 27'56	
	-4171 Jun 04 j 03:32	0° \mathfrak{II}			-4170 May 10 j 10:11	0° \mathfrak{B}	
desc. node	-4171 Jun 17 j 05:17	18° \mathfrak{II} 10'31			-4170 May 29 j 19:17	0° \mathfrak{II}	
evening max el	-4171 Jun 22 j 22:28	24° \mathfrak{II} 21'02	27°21'52				
	-4171 Jun 30 j 07:32	0° \mathfrak{C}		desc. node	-4170 Jun 04 j 02:23	5° \mathfrak{II} 57'06	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-4170 Jun 05 j 06:54	7° Π 07'21	27°20'37	retrograde	-4169 Jun 01 j 11:33	26° \mathcal{B} 36'37	
retrograde	-4170 Jun 19 j 03:31	14° Π 31'22		evening set	-4169 Jun 08 j 02:56	24° \mathcal{B} 41'04	
evening set	-4170 Jun 26 j 05:51	12° Π 04'39		min. Earth dist.	-4169 Jun 12 j 00:10	21° \mathcal{B} 58'45	0.60433 AU
min. Earth dist.	-4170 Jun 29 j 19:59	9° Π 09'29	0.62411 AU	inferior conj	-4169 Jun 15 j 08:05	19° \mathcal{B} 12'07	-4°17'55
inferior conj	-4170 Jul 02 j 19:13	6° Π 19'43	-4°05'03	minimum elong	-4169 Jun 15 j 08:27	19° \mathcal{B} 11'20	4°17'46
minimum elong	-4170 Jul 02 j 21:56	6° Π 13'12	4°04'33	morning rise	-4169 Jun 22 j 15:55	14° \mathcal{B} 28'46	
morning rise	-4170 Jul 09 j 15:17	1° Π 15'16		direct	-4169 Jun 25 j 04:39	14° \mathcal{B} 04'02	
direct	-4170 Jul 12 j 05:33	0° Π 44'51		morning max el	-4169 Jul 02 j 10:32	17° \mathcal{B} 36'02	18°09'59
morning max el	-4170 Jul 18 j 22:31	4° Π 09'13	17°56'46	asc. node	-4169 Jul 06 j 08:49	22° \mathcal{B} 13'30	
asc. node	-4170 Jul 19 j 11:47	4° Π 42'51			-4169 Jul 11 j 08:09	0° Π	
morning set	-4170 Aug 04 j 06:56	29° Π 42'23		morning set	-4169 Jul 18 j 10:42	12° Π 55'39	
	-4170 Aug 04 j 10:52	0° \mathcal{E}			-4169 Jul 27 j 16:19	0° \mathcal{E}	
superior conj	-4170 Aug 15 j 12:13	19° \mathcal{E} 24'59	1°28'08	superior conj	-4169 Jul 28 j 06:06	1° \mathcal{E} 01'58	1°44'48
minimum elong	-4170 Aug 15 j 17:18	19° \mathcal{E} 46'36	1°27'53	minimum elong	-4169 Jul 28 j 08:34	1° \mathcal{E} 12'59	1°44'52
	-4170 Aug 21 j 20:22	0° \mathcal{Q}		max. Earth dist.	-4169 Aug 04 j 19:17	14° \mathcal{E} 10'44	1.41254 AU
max. Earth dist.	-4170 Aug 22 j 11:57	1° \mathcal{Q} 03'37	1.42950 AU	evening rise	-4169 Aug 10 j 04:19	23° \mathcal{E} 04'18	
evening rise	-4170 Aug 30 j 09:41	13° \mathcal{Q} 40'22			-4169 Aug 14 j 12:35	0° \mathcal{Q}	
desc. node	-4170 Aug 31 j 01:37	14° \mathcal{Q} 42'32		desc. node	-4169 Aug 17 j 22:36	5° \mathcal{Q} 18'06	
	-4170 Sep 10 j 02:36	0° \mathcal{N}			-4169 Sep 04 j 03:32	0° \mathcal{N}	
evening max el	-4170 Sep 30 j 03:29	26° \mathcal{N} 51'21	21°25'36	evening max el	-4169 Sep 12 j 19:58	10° \mathcal{N} 17'04	22°43'29
	-4170 Oct 03 j 16:49	0° \mathcal{A}		retrograde	-4169 Sep 22 j 15:59	16° \mathcal{N} 06'58	
retrograde	-4170 Oct 08 j 21:35	2° \mathcal{A} 02'56		evening set	-4169 Sep 27 j 08:53	14° \mathcal{N} 11'29	
evening set	-4170 Oct 13 j 01:13	0° \mathcal{A} 26'47		asc. node	-4169 Oct 02 j 07:52	8° \mathcal{N} 23'00	
	-4170 Oct 13 j 14:08	30° \mathcal{R} \mathcal{N}		inferior conj	-4169 Oct 02 j 16:13	7° \mathcal{N} 54'13	0°07'09
asc. node	-4170 Oct 15 j 10:44	28° \mathcal{N} 05'11		minimum elong	-4169 Oct 02 j 16:03	7° \mathcal{N} 54'48	0°07'09
inferior conj	-4170 Oct 18 j 09:40	24° \mathcal{N} 14'06	0°59'59	transit middle	-4169 Oct 02 j 16:03	7° \mathcal{N} 54'48	0°07'09
minimum elong	-4170 Oct 18 j 08:19	24° \mathcal{N} 18'46	0°59'27	transit begin	-4169 Oct 02 j 13:37	8° \mathcal{N} 03'10	
min. Earth dist.	-4170 Oct 18 j 17:15	23° \mathcal{N} 48'01	0.67230 AU	transit end	-4169 Oct 02 j 18:28	7° \mathcal{N} 46'26	
morning rise	-4170 Oct 23 j 15:14	17° \mathcal{N} 58'31		min. Earth dist.	-4169 Oct 02 j 13:29	8° \mathcal{N} 03'40	0.67422 AU
direct	-4170 Oct 28 j 16:15	15° \mathcal{N} 50'03		morning rise	-4169 Oct 07 j 23:04	1° \mathcal{N} 40'55	
morning max el	-4170 Nov 08 j 02:12	22° \mathcal{N} 03'25	23°27'05		-4169 Oct 11 j 07:48	30° \mathcal{R} \mathcal{Q}	
	-4170 Nov 14 j 23:28	0° \mathcal{A}		direct	-4169 Oct 12 j 09:36	29° \mathcal{Q} 54'01	
desc. node	-4170 Nov 27 j 01:31	16° \mathcal{A} 41'03			-4169 Oct 13 j 12:03	0° \mathcal{N}	
	-4170 Dec 05 j 18:43	0° \mathcal{M}		morning max el	-4169 Oct 21 j 14:57	5° \mathcal{N} 22'45	22°01'54
morning set	-4170 Dec 13 j 02:09	11° \mathcal{M} 55'20			-4169 Nov 09 j 07:34	0° \mathcal{A}	
max. Earth dist.	-4170 Dec 17 j 08:32	19° \mathcal{M} 13'50	1.39278 AU	desc. node	-4169 Nov 13 j 22:29	6° \mathcal{A} 54'50	
	-4170 Dec 23 j 08:44	0° \mathcal{X}		morning set	-4169 Nov 23 j 04:00	21° \mathcal{A} 18'17	
superior conj	-4170 Dec 24 j 21:41	2° \mathcal{X} 50'59	-1°53'42		-4169 Nov 28 j 11:55	0° \mathcal{M}	
minimum elong	-4170 Dec 24 j 22:34	2° \mathcal{X} 55'07	1°53'51	max. Earth dist.	-4169 Nov 29 j 07:46	1° \mathcal{M} 22'41	1.41317 AU
evening rise	-4169 Jan 03 j 03:27	20° \mathcal{X} 31'18		superior conj	-4169 Dec 07 j 00:18	14° \mathcal{M} 35'01	-1°51'46
	-4169 Jan 08 j 03:09	0° \mathcal{Z}		minimum elong	-4169 Dec 06 j 22:03	14° \mathcal{M} 25'04	1°51'49
asc. node	-4169 Jan 11 j 09:40	5° \mathcal{Z} 48'08			-4169 Dec 15 j 12:20	0° \mathcal{X}	
evening max el	-4169 Jan 19 j 11:55	16° \mathcal{Z} 50'58	18°38'15	evening rise	-4169 Dec 17 j 11:06	3° \mathcal{X} 36'40	
retrograde	-4169 Jan 27 j 07:55	20° \mathcal{Z} 39'11		asc. node	-4169 Dec 29 j 06:44	24° \mathcal{X} 07'07	
evening set	-4169 Jan 29 j 19:34	20° \mathcal{Z} 17'37		evening max el	-4168 Jan 02 j 19:31	29° \mathcal{X} 42'27	18°13'28
inferior conj	-4169 Feb 06 j 09:28	15° \mathcal{Z} 51'14	3°41'19		-4168 Jan 03 j 02:48	0° \mathcal{Z}	
minimum elong	-4169 Feb 06 j 12:52	15° \mathcal{Z} 44'44	3°40'39	retrograde	-4168 Jan 09 j 19:40	3° \mathcal{Z} 14'02	
min. Earth dist.	-4169 Feb 09 j 18:04	13° \mathcal{Z} 17'54	0.58274 AU	evening set	-4168 Jan 12 j 10:16	2° \mathcal{Z} 45'36	
morning rise	-4169 Feb 14 j 03:46	10° \mathcal{Z} 34'09			-4168 Jan 17 j 00:04	30° \mathcal{R} \mathcal{X}	
direct	-4169 Feb 20 j 01:37	9° \mathcal{Z} 06'56		inferior conj	-4168 Jan 19 j 09:27	27° \mathcal{X} 57'25	4°02'43
desc. node	-4169 Feb 23 j 00:50	9° \mathcal{Z} 28'41		minimum elong	-4168 Jan 19 j 10:00	27° \mathcal{X} 56'12	4°02'31
morning max el	-4169 Mar 06 j 07:45	16° \mathcal{Z} 36'27	26°19'55	min. Earth dist.	-4168 Jan 22 j 15:53	25° \mathcal{X} 04'10	0.60264 AU
	-4169 Mar 17 j 07:05	0° \mathcal{A}		morning rise	-4168 Jan 26 j 08:09	22° \mathcal{X} 20'40	
	-4169 Apr 03 j 05:44	0° \mathcal{X}		direct	-4168 Feb 02 j 01:42	20° \mathcal{X} 15'11	
morning set	-4169 Apr 04 j 04:37	1° \mathcal{X} 59'04		desc. node	-4168 Feb 09 j 21:57	22° \mathcal{X} 48'22	
asc. node	-4169 Apr 09 j 09:11	13° \mathcal{X} 07'41		morning max el	-4168 Feb 16 j 05:34	27° \mathcal{X} 53'37	27°18'33
					-4168 Feb 18 j 06:56	0° \mathcal{Z}	
superior conj	-4169 Apr 11 j 05:02	17° \mathcal{X} 07'26	0°18'58		-4168 Mar 09 j 21:24	0° \mathcal{A}	
minimum elong	-4169 Apr 11 j 04:12	17° \mathcal{X} 02'53	0°18'44	morning set	-4168 Mar 18 j 13:26	16° \mathcal{A} 50'05	
max. Earth dist.	-4169 Apr 11 j 12:40	17° \mathcal{X} 49'13	1.32660 AU		-4168 Mar 24 j 17:17	0° \mathcal{X}	
	-4169 Apr 17 j 04:13	0° \mathcal{Y}		max. Earth dist.	-4168 Mar 25 j 02:09	0° \mathcal{X} 48'24	1.32586 AU
evening rise	-4169 Apr 18 j 06:04	2° \mathcal{Y} 15'16		superior conj	-4168 Mar 25 j 16:43	2° \mathcal{X} 08'02	-0°05'52
	-4169 May 03 j 09:22	0° \mathcal{B}		minimum elong	-4168 Mar 25 j 16:59	2° \mathcal{X} 09'29	0°05'55
evening max el	-4169 May 18 j 10:39	19° \mathcal{B} 16'21	26°46'32	behind sun begin	-4168 Mar 25 j 12:18	1° \mathcal{X} 43'53	
desc. node	-4169 May 21 j 23:29	22° \mathcal{B} 19'18					

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

behind sun end	-4168 Mar 25 j 21:40	2° X 35'06		superior conj	-4167 Mar 10 j 02:59	17° \approx 00'50	-0°30'55
asc. node	-4168 Mar 26 j 06:10	3° X 21'38		minimum elong	-4167 Mar 10 j 04:22	17° \approx 08'19	0°30'46
evening rise	-4168 Apr 01 j 15:58	17° X 11'42		asc. node	-4167 Mar 13 j 03:10	23° \approx 32'49	
	-4168 Apr 08 j 01:36	0° Y			-4167 Mar 16 j 03:06	0° X	
	-4168 Apr 28 j 14:20	0° B		evening rise	-4167 Mar 17 j 03:27	2° X 09'03	
evening max el	-4168 Apr 29 j 08:09	0° B 43'29	25°42'02		-4167 Apr 01 j 11:52	0° Y	
desc. node	-4168 May 07 j 20:36	6° B 44'11		evening max el	-4167 Apr 11 j 00:36	11° Y 36'01	24°15'53
retrograde	-4168 May 13 j 10:08	7° B 57'04		retrograde	-4167 Apr 24 j 21:19	18° Y 34'18	
evening set	-4168 May 19 j 02:44	6° B 39'42		desc. node	-4167 Apr 24 j 17:46	18° Y 34'15	
min. Earth dist.	-4168 May 23 j 20:34	3° B 53'47	0.58408 AU	evening set	-4167 Apr 29 j 06:30	17° Y 51'17	
inferior conj	-4168 May 27 j 03:22	1° B 31'46	-4°05'05	min. Earth dist.	-4167 May 05 j 12:22	14° Y 47'16	0.56639 AU
minimum elong	-4168 May 27 j 00:18	1° B 37'20	4°04'40	inferior conj	-4167 May 08 j 02:30	13° Y 09'29	-3°16'29
	-4168 May 29 j 07:25	30° R Y		minimum elong	-4167 May 07 j 20:47	13° Y 18'32	3°15'10
morning rise	-4168 Jun 04 j 00:35	27° Y 09'54		morning rise	-4167 May 16 j 14:12	9° Y 05'29	
direct	-4168 Jun 06 j 12:32	26° Y 49'49		direct	-4167 May 19 j 01:31	8° Y 49'05	
	-4168 Jun 13 j 22:31	0° B		morning max el	-4167 May 28 j 15:27	13° Y 15'56	19°36'48
morning max el	-4168 Jun 14 j 17:07	0° B 41'45	18°43'09	asc. node	-4167 Jun 09 j 02:53	29° Y 30'48	
asc. node	-4168 Jun 22 j 05:52	10° B 33'42			-4167 Jun 09 j 09:18	0° B	
morning set	-4168 Jul 01 j 02:36	26° B 46'53		morning set	-4167 Jun 15 j 03:06	11° B 05'51	
	-4168 Jul 02 j 18:16	0° II					
				superior conj	-4167 Jun 23 j 04:53	27° B 17'37	1°44'19
superior conj	-4168 Jul 09 j 21:34	13° II 45'08	1°49'14	minimum elong	-4167 Jun 23 j 03:06	27° B 08'49	1°44'23
minimum elong	-4168 Jul 09 j 21:29	13° II 44'44	1°49'24		-4167 Jun 24 j 14:00	0° II	
max. Earth dist.	-4168 Jul 16 j 22:13	26° II 36'06	1.39327 AU	max. Earth dist.	-4167 Jun 29 j 00:32	8° II 28'26	1.37415 AU
	-4168 Jul 18 j 20:45	0° E		evening rise	-4167 Jul 02 j 21:28	15° II 33'07	
evening rise	-4168 Jul 21 j 00:16	3° E 41'23			-4167 Jul 11 j 08:34	0° E	
desc. node	-4168 Aug 03 j 19:35	25° E 43'13		desc. node	-4167 Jul 21 j 16:37	15° E 52'14	
	-4168 Aug 06 j 17:12	0° O			-4167 Aug 01 j 06:16	0° O	
evening max el	-4168 Aug 25 j 08:16	23° O 44'20	24°04'13	evening max el	-4167 Aug 07 j 18:52	7° O 14'18	25°20'44
	-4168 Sep 03 j 16:25	0° np		retrograde	-4167 Aug 19 j 18:05	14° O 10'27	
retrograde	-4168 Sep 05 j 07:02	0° np 10'52		evening set	-4167 Aug 25 j 16:41	11° O 37'40	
	-4168 Sep 06 j 20:14	30° R O		min. Earth dist.	-4167 Aug 30 j 02:28	6° O 39'46	0.66884 AU
evening set	-4168 Sep 10 j 14:40	27° O 55'37		inferior conj	-4167 Aug 31 j 02:39	5° O 20'57	-1°38'49
inferior conj	-4168 Sep 15 j 22:27	21° O 37'02	-0°46'20	minimum elong	-4167 Aug 31 j 04:55	5° O 13'33	1°37'46
minimum elong	-4168 Sep 15 j 23:32	21° O 33'22	0°45'45		-4167 Sep 04 j 20:24	30° R E	
min. Earth dist.	-4168 Sep 15 j 09:21	22° O 21'27	0.67314 AU	asc. node	-4167 Sep 05 j 02:09	29° E 48'30	
asc. node	-4168 Sep 18 j 05:01	18° O 38'28		morning rise	-4167 Sep 05 j 17:14	29° E 21'14	
morning rise	-4168 Sep 21 j 08:21	15° O 29'00		direct	-4167 Sep 09 j 03:55	28° E 12'28	
direct	-4168 Sep 25 j 05:55	14° O 02'31			-4167 Sep 13 j 18:24	0° O	
morning max el	-4168 Oct 03 j 10:11	18° O 50'08	20°44'14	morning max el	-4167 Sep 16 j 12:43	2° O 26'39	19°38'45
	-4168 Oct 12 j 09:44	0° np			-4167 Oct 06 j 02:52	0° np	
desc. node	-4168 Oct 30 j 19:25	27° np 22'15		morning set	-4167 Oct 11 j 07:09	8° np 01'26	
morning set	-4168 Nov 01 j 07:01	29° np 40'19		desc. node	-4167 Oct 17 j 16:21	17° np 58'56	
	-4168 Nov 01 j 12:04	0° E		max. Earth dist.	-4167 Oct 24 j 03:36	28° np 10'42	1.44266 AU
max. Earth dist.	-4168 Nov 10 j 14:28	14° E 26'00	1.43058 AU		-4167 Oct 25 j 07:06	0° E	
superior conj	-4168 Nov 17 j 02:02	25° E 06'07	-1°35'28	superior conj	-4167 Oct 28 j 00:16	4° E 20'29	-1°02'29
minimum elong	-4168 Nov 16 j 20:12	24° E 41'43	1°35'03	minimum elong	-4167 Oct 27 j 17:37	3° E 53'47	1°01'43
	-4168 Nov 19 j 23:40	0° ml		evening rise	-4167 Nov 11 j 01:18	27° E 26'27	
evening rise	-4168 Nov 29 j 03:55	15° ml 58'10			-4167 Nov 12 j 13:48	0° ml	
	-4168 Dec 07 j 04:49	0° x		evening max el	-4167 Nov 29 j 19:47	26° ml 10'56	18°22'17
asc. node	-4168 Dec 15 j 03:51	11° x 38'17		asc. node	-4167 Dec 02 j 00:58	28° ml 08'04	
evening max el	-4168 Dec 16 j 07:04	12° x 51'12	18°08'24	retrograde	-4167 Dec 06 j 09:34	29° ml 46'57	
retrograde	-4168 Dec 22 j 21:44	16° x 19'38		evening set	-4167 Dec 09 j 07:06	29° ml 01'44	
evening set	-4168 Dec 25 j 15:17	15° x 43'28		inferior conj	-4167 Dec 15 j 09:05	23° ml 33'12	3°35'30
inferior conj	-4167 Jan 01 j 02:36	10° x 33'59	3°58'05	minimum elong	-4167 Dec 15 j 06:10	23° ml 41'26	3°34'47
minimum elong	-4167 Jan 01 j 00:54	10° x 38'20	3°57'45	min. Earth dist.	-4167 Dec 17 j 14:11	21° ml 03'23	0.63922 AU
min. Earth dist.	-4167 Jan 03 j 22:01	7° x 43'44	0.62214 AU	morning rise	-4167 Dec 21 j 04:41	17° ml 32'16	
morning rise	-4167 Jan 07 j 09:33	4° x 43'11		direct	-4167 Dec 28 j 03:59	14° ml 42'40	
direct	-4167 Jan 14 j 10:55	2° x 08'25		morning max el	-4166 Jan 10 j 18:06	22° ml 25'56	27°29'51
desc. node	-4167 Jan 26 j 19:03	8° x 20'37		desc. node	-4166 Jan 13 j 16:06	25° ml 29'51	
morning max el	-4167 Jan 28 j 09:43	9° x 51'48	27°42'13		-4166 Jan 17 j 11:48	0° x	
	-4167 Feb 13 j 03:20	0° E			-4166 Feb 06 j 07:14	0° E	
	-4167 Mar 02 j 00:57	0° \approx		morning set	-4166 Feb 14 j 14:17	15° E 31'43	
morning set	-4167 Mar 02 j 17:31	1° \approx 23'48		max. Earth dist.	-4166 Feb 19 j 16:17	25° E 52'48	1.33534 AU
max. Earth dist.	-4167 Mar 08 j 12:41	13° \approx 33'57	1.32865 AU		-4166 Feb 21 j 15:14	0° \approx	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4166 Feb 22 j 10:05	1° \approx 40'11	-0°55'15	superior conj	-4165 Feb 06 j 11:53	15° \approx 58'35	-1°17'40
minimum elong	-4166 Feb 22 j 12:27	1° \approx 52'45	0°54'58	minimum elong	-4165 Feb 06 j 14:53	16° \approx 14'12	1°17'23
asc. node	-4166 Feb 28 j 00:11	13° \approx 37'18			-4165 Feb 13 j 04:36	0° \approx	
evening rise	-4166 Mar 01 j 14:49	17° \approx 01'18		evening rise	-4165 Feb 14 j 00:11	1° \approx 41'47	
	-4166 Mar 08 j 03:00	0° \approx		asc. node	-4165 Feb 14 j 21:12	3° \approx 30'08	
evening max el	-4166 Mar 23 j 17:22	22° \approx 18'41	22°41'38		-4165 Mar 02 j 14:27	0° \approx	
retrograde	-4166 Apr 05 j 20:09	28° \approx 44'04		evening max el	-4165 Mar 05 j 16:41	3° \approx 18'23	21°12'37
evening set	-4166 Apr 08 j 23:41	28° \approx 22'20		retrograde	-4165 Mar 17 j 10:04	8° \approx 54'41	
desc. node	-4166 Apr 11 j 14:55	27° \approx 33'21		evening set	-4165 Mar 19 j 21:04	8° \approx 40'46	
min. Earth dist.	-4166 Apr 17 j 02:46	24° \approx 48'20	0.55478 AU	inferior conj	-4165 Mar 29 j 02:54	4° \approx 41'51	0°06'20
inferior conj	-4166 Apr 18 j 07:23	24° \approx 07'15	-1°48'04	minimum elong	-4165 Mar 29 j 03:11	4° \approx 41'26	0°06'09
minimum elong	-4166 Apr 18 j 02:46	24° \approx 13'53	1°46'37	transit middle	-4165 Mar 29 j 03:11	4° \approx 41'26	0°06'09
morning rise	-4166 Apr 27 j 07:53	20° \approx 10'01		transit begin	-4165 Mar 28 j 23:25	4° \approx 46'47	
direct	-4166 Apr 29 j 21:07	19° \approx 54'48		transit end	-4165 Mar 29 j 06:58	4° \approx 36'05	
morning max el	-4166 May 11 j 03:22	25° \approx 10'41	20°50'12	min. Earth dist.	-4165 Mar 29 j 16:59	4° \approx 21'54	0.55184 AU
	-4166 May 15 j 12:19	0° \approx		desc. node	-4165 Mar 29 j 12:03	4° \approx 28'53	
asc. node	-4166 May 26 j 23:52	18° \approx 55'39		morning rise	-4165 Apr 07 j 08:56	0° \approx 34'34	
morning set	-4166 May 30 j 09:28	25° \approx 45'08		direct	-4165 Apr 10 j 09:19	0° \approx 14'39	
	-4166 Jun 01 j 10:53	0° \approx		morning max el	-4165 Apr 23 j 04:27	6° \approx 23'54	22°20'08
					-4165 May 09 j 11:50	0° \approx	
superior conj	-4166 Jun 06 j 23:26	11° \approx 25'51	1°32'33	asc. node	-4165 May 13 j 20:51	8° \approx 41'12	
minimum elong	-4166 Jun 06 j 20:51	11° \approx 12'38	1°32'25	morning set	-4165 May 14 j 19:33	10° \approx 38'38	
max. Earth dist.	-4166 Jun 11 j 08:38	20° \approx 14'36	1.35740 AU				
evening rise	-4166 Jun 15 j 15:12	28° \approx 27'29		superior conj	-4165 May 22 j 01:45	25° \approx 59'24	1°15'50
	-4166 Jun 16 j 11:03	0° \approx		minimum elong	-4165 May 21 j 23:06	25° \approx 45'23	1°15'31
	-4166 Jul 04 j 14:14	0° \approx			-4165 May 23 j 23:40	0° \approx	
desc. node	-4166 Jul 08 j 13:40	5° \approx 37'38		max. Earth dist.	-4165 May 25 j 02:39	2° \approx 19'40	1.34414 AU
evening max el	-4166 Jul 21 j 05:47	20° \approx 44'40	26°24'58	evening rise	-4165 May 30 j 00:10	12° \approx 09'33	
retrograde	-4166 Aug 03 j 00:22	27° \approx 59'27			-4165 Jun 08 j 18:50	0° \approx	
evening set	-4166 Aug 09 j 12:45	25° \approx 14'39		desc. node	-4165 Jun 25 j 10:44	24° \approx 14'20	
min. Earth dist.	-4166 Aug 13 j 14:29	20° \approx 54'49	0.66109 AU		-4165 Jun 29 j 18:30	0° \approx	
inferior conj	-4166 Aug 15 j 02:52	19° \approx 03'06	-2°28'30	evening max el	-4165 Jul 03 j 17:17	4° \approx 08'12	27°08'50
minimum elong	-4166 Aug 15 j 06:06	18° \approx 53'09	2°27'13	retrograde	-4165 Jul 17 j 01:19	11° \approx 30'52	
morning rise	-4166 Aug 20 j 23:42	13° \approx 14'41		evening set	-4165 Jul 24 j 00:17	8° \approx 43'12	
asc. node	-4166 Aug 22 j 23:15	12° \approx 27'19		min. Earth dist.	-4165 Jul 27 j 19:06	5° \approx 00'57	0.64965 AU
direct	-4166 Aug 24 j 01:50	12° \approx 20'20		inferior conj	-4165 Jul 29 j 20:57	2° \approx 39'55	-3°13'08
morning max el	-4166 Aug 30 j 21:30	16° \approx 09'36	18°48'11	minimum elong	-4165 Jul 30 j 00:41	2° \approx 29'19	3°11'57
	-4166 Sep 10 j 03:09	0° \approx			-4165 Aug 01 j 07:58	30° \approx 11	
morning set	-4166 Sep 21 j 01:55	17° \approx 20'07		morning rise	-4165 Aug 05 j 01:35	27° \approx 10'05	
	-4166 Sep 29 j 01:15	0° \approx		direct	-4165 Aug 07 j 21:34	26° \approx 12'25	
desc. node	-4166 Oct 04 j 13:16	8° \approx 40'54		asc. node	-4165 Aug 09 j 20:18	26° \approx 14'12	
				morning max el	-4165 Aug 14 j 10:32	29° \approx 15'31	18°14'13
					-4165 Aug 14 j 12:18	0° \approx	
superior conj	-4166 Oct 07 j 02:29	12° \approx 42'07	-0°16'07	morning set	-4165 Sep 02 j 00:03	27° \approx 58'43	
minimum elong	-4166 Oct 07 j 00:23	12° \approx 33'47	0°15'47		-4165 Sep 03 j 05:15	0° \approx	
behind sun begin	-4166 Oct 06 j 21:24	12° \approx 22'03					
behind sun end	-4166 Oct 07 j 03:21	12° \approx 45'31		superior conj	-4165 Sep 16 j 05:13	21° \approx 09'58	0°32'39
max. Earth dist.	-4166 Oct 06 j 20:29	12° \approx 18'28	1.44807 AU	minimum elong	-4165 Sep 16 j 09:06	21° \approx 25'28	0°32'17
	-4166 Oct 18 j 00:48	0° \approx		max. Earth dist.	-4165 Sep 19 j 14:30	26° \approx 32'51	1.44621 AU
evening rise	-4166 Oct 22 j 22:47	7° \approx 51'45		desc. node	-4165 Sep 21 j 10:12	29° \approx 25'25	
	-4166 Nov 05 j 22:33	0° \approx			-4165 Sep 21 j 18:59	0° \approx	
evening max el	-4166 Nov 13 j 07:02	9° \approx 35'43	18°54'01	evening rise	-4165 Oct 02 j 19:48	17° \approx 15'05	
asc. node	-4166 Nov 18 j 22:06	13° \approx 20'11			-4165 Oct 11 j 01:21	0° \approx	
retrograde	-4166 Nov 20 j 03:14	13° \approx 28'25		greatest brilliancy	-4165 Oct 15 j 00:25	6° \approx 02'44	-0.7m
evening set	-4166 Nov 23 j 06:28	12° \approx 32'09		evening max el	-4165 Oct 27 j 14:33	23° \approx 02'40	19°42'04
inferior conj	-4166 Nov 29 j 01:16	6° \approx 47'14	3°00'44	retrograde	-4165 Nov 03 j 23:47	27° \approx 20'16	
minimum elong	-4166 Nov 28 j 22:05	6° \approx 57'00	2°59'45	asc. node	-4165 Nov 05 j 19:12	27° \approx 01'17	
min. Earth dist.	-4166 Nov 30 j 15:54	4° \approx 48'27	0.65298 AU	evening set	-4165 Nov 07 j 10:49	26° \approx 10'24	
morning rise	-4166 Dec 04 j 13:21	0° \approx 39'05		inferior conj	-4165 Nov 13 j 00:17	20° \approx 12'03	2°17'48
	-4166 Dec 05 j 08:29	30° \approx 11		minimum elong	-4165 Nov 12 j 21:30	20° \approx 21'09	2°16'47
direct	-4166 Dec 11 j 03:35	27° \approx 49'15		min. Earth dist.	-4165 Nov 14 j 01:43	18° \approx 48'56	0.66317 AU
	-4166 Dec 17 j 15:12	0° \approx		morning rise	-4165 Nov 18 j 07:57	13° \approx 59'09	
morning max el	-4166 Dec 24 j 03:42	5° \approx 22'52	26°46'01	direct	-4165 Nov 24 j 08:52	11° \approx 20'35	
desc. node	-4166 Dec 31 j 13:06	13° \approx 46'57		morning max el	-4165 Dec 06 j 12:47	18° \approx 31'47	25°38'31
	-4165 Jan 12 j 02:41	0° \approx			-4165 Dec 16 j 06:41	0° \approx	
morning set	-4165 Jan 29 j 00:17	29° \approx 02'00		desc. node	-4165 Dec 18 j 10:06	2° \approx 52'10	
	-4165 Jan 29 j 12:24	0° \approx			-4164 Jan 05 j 03:24	0° \approx	
max. Earth dist.	-4165 Feb 02 j 09:17	7° \approx 35'28	1.34636 AU				

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning set	-4164 Jan 11 j 18:55	11° 𐌶 41'10		max. Earth dist.	-4164 Dec 27 j 12:19	29° 𐌹 59'10	1.38093 AU
max. Earth dist.	-4164 Jan 15 j 14:45	18° 𐌶 48'48	1.36184 AU		-4164 Dec 27 j 12:30	0° 𐌶	
superior conj	-4164 Jan 21 j 05:43	29° 𐌶 48'08	-1°36'33	superior conj	-4163 Jan 03 j 12:08	12° 𐌶 59'11	-1°49'46
minimum elong	-4164 Jan 21 j 08:45	0° 𐌿 03'20	1°36'26	minimum elong	-4163 Jan 03 j 14:11	13° 𐌶 09'03	1°49'51
	-4164 Jan 21 j 08:05	0° 𐌿		evening rise	-4163 Jan 12 j 05:04	0° 𐌿 03'31	
evening rise	-4164 Jan 29 j 05:41	16° 𐌿 04'35			-4163 Jan 12 j 04:21	0° 𐌿	
asc. node	-4164 Feb 01 j 18:14	23° 𐌿 06'06		asc. node	-4163 Jan 18 j 15:17	12° 𐌿 19'03	
	-4164 Feb 05 j 10:46	0° 𐌿		evening max el	-4163 Jan 28 j 21:37	26° 𐌿 58'37	19°01'28
evening max el	-4164 Feb 16 j 02:01	14° 𐌿 50'39	19°57'44		-4163 Feb 02 j 01:29	0° 𐌿	
retrograde	-4164 Feb 26 j 02:44	19° 𐌿 36'02		retrograde	-4163 Feb 06 j 10:12	1° 𐌿 03'44	
evening set	-4164 Feb 28 j 10:23	19° 𐌿 21'56		evening set	-4163 Feb 08 j 19:57	0° 𐌿 45'34	
inferior conj	-4164 Mar 08 j 03:01	15° 𐌿 21'10	1°55'39		-4163 Feb 11 j 00:39	30° 𐌹 𐌿	
minimum elong	-4164 Mar 08 j 07:28	15° 𐌿 14'20	1°54'09	inferior conj	-4163 Feb 16 j 19:23	26° 𐌿 30'06	3°13'40
min. Earth dist.	-4164 Mar 10 j 07:07	14° 𐌿 01'40	0.55821 AU	minimum elong	-4163 Feb 17 j 00:03	26° 𐌿 21'54	3°12'32
desc. node	-4164 Mar 15 j 09:11	11° 𐌿 24'17		min. Earth dist.	-4163 Feb 19 j 22:24	24° 𐌿 19'05	0.57228 AU
morning rise	-4164 Mar 17 j 02:24	10° 𐌿 48'51		morning rise	-4163 Feb 25 j 01:33	21° 𐌿 27'49	
direct	-4164 Mar 21 j 02:22	10° 𐌿 13'33		direct	-4163 Mar 02 j 07:17	20° 𐌿 22'56	
morning max el	-4164 Apr 03 j 21:31	17° 𐌿 06'08	23°58'53	desc. node	-4163 Mar 02 j 06:18	20° 𐌿 22'57	
	-4164 Apr 14 j 07:18	0° 𐌿		morning max el	-4163 Mar 16 j 12:34	27° 𐌿 42'52	25°33'28
morning set	-4164 Apr 28 j 07:29	25° 𐌿 39'43			-4163 Mar 18 j 18:16	0° 𐌿	
asc. node	-4164 Apr 29 j 17:48	28° 𐌿 41'00			-4163 Apr 07 j 12:15	0° 𐌿	
	-4164 Apr 30 j 08:38	0° 𐌿		morning set	-4163 Apr 12 j 19:37	10° 𐌿 42'31	
				asc. node	-4163 Apr 16 j 14:48	18° 𐌿 50'10	
superior conj	-4164 May 05 j 09:11	10° 𐌿 49'21	0°55'33				
minimum elong	-4164 May 05 j 06:58	10° 𐌿 37'28	0°55'10	superior conj	-4163 Apr 19 j 19:40	25° 𐌿 48'50	0°32'49
max. Earth dist.	-4164 May 07 j 06:14	14° 𐌿 50'47	1.33457 AU	minimum elong	-4163 Apr 19 j 18:16	25° 𐌿 41'11	0°32'30
evening rise	-4164 May 12 j 19:57	26° 𐌿 25'11		max. Earth dist.	-4163 Apr 20 j 16:31	27° 𐌿 42'18	1.32855 AU
	-4164 May 14 j 15:10	0° 𐌿			-4163 Apr 21 j 17:54	0° 𐌿	
	-4164 Jun 01 j 03:44	0° 𐌿		evening rise	-4163 Apr 26 j 23:13	11° 𐌿 03'45	
desc. node	-4164 Jun 11 j 07:50	13° 𐌿 12'25			-4163 May 06 j 21:17	0° 𐌿	
evening max el	-4164 Jun 15 j 03:37	17° 𐌿 11'46	27°25'23	evening max el	-4163 May 28 j 10:13	29° 𐌿 42'36	27°10'02
retrograde	-4164 Jun 28 j 20:14	24° 𐌿 35'37			-4163 May 28 j 17:33	0° 𐌿	
evening set	-4164 Jul 05 j 23:58	21° 𐌿 57'12		desc. node	-4163 May 29 j 04:55	0° 𐌿 26'26	
min. Earth dist.	-4164 Jul 09 j 14:23	18° 𐌿 47'53	0.63445 AU	retrograde	-4163 Jun 11 j 08:33	7° 𐌿 05'04	
inferior conj	-4164 Jul 12 j 06:13	16° 𐌿 05'05	-3°49'35	evening set	-4163 Jun 18 j 07:57	4° 𐌿 49'53	
minimum elong	-4164 Jul 12 j 09:39	15° 𐌿 56'19	3°48'47	min. Earth dist.	-4163 Jun 21 j 23:39	2° 𐌿 02'30	0.61596 AU
morning rise	-4164 Jul 18 j 20:12	10° 𐌿 49'05			-4163 Jun 24 j 06:17	30° 𐌹 𐌿	
direct	-4164 Jul 21 j 12:08	10° 𐌿 14'29		inferior conj	-4163 Jun 25 j 03:32	29° 𐌿 11'32	-4°13'02
asc. node	-4164 Jul 26 j 17:20	12° 𐌿 26'26		minimum elong	-4163 Jun 25 j 05:26	29° 𐌿 07'14	4°12'43
morning max el	-4164 Jul 28 j 01:20	13° 𐌿 38'57	17°57'54	morning rise	-4163 Jul 02 j 04:26	24° 𐌿 16'07	
	-4164 Aug 08 j 07:33	0° 𐌿		direct	-4163 Jul 04 j 18:02	23° 𐌿 48'12	
morning set	-4164 Aug 13 j 23:10	9° 𐌿 48'22		morning max el	-4163 Jul 11 j 15:13	27° 𐌿 14'02	18°00'03
	-4164 Aug 25 j 18:55	0° 𐌿		asc. node	-4163 Jul 13 j 14:23	29° 𐌿 22'12	
					-4163 Jul 14 j 02:44	0° 𐌿	
superior conj	-4164 Aug 26 j 04:31	0° 𐌿 39'48	1°12'02	morning set	-4163 Jul 27 j 17:55	22° 𐌿 34'27	
minimum elong	-4164 Aug 26 j 10:21	1° 𐌿 03'55	1°11'34		-4163 Jul 31 j 19:45	0° 𐌿	
max. Earth dist.	-4164 Sep 01 j 06:26	10° 𐌿 34'50	1.43734 AU				
desc. node	-4164 Sep 07 j 07:09	20° 𐌿 08'55		superior conj	-4163 Aug 07 j 07:31	11° 𐌿 32'10	1°36'54
evening rise	-4164 Sep 11 j 01:01	25° 𐌿 58'47		minimum elong	-4163 Aug 07 j 11:35	11° 𐌿 49'49	1°36'47
	-4164 Sep 13 j 15:38	0° 𐌿		max. Earth dist.	-4163 Aug 14 j 17:06	24° 𐌿 05'00	1.42272 AU
	-4164 Oct 04 j 04:57	0° 𐌿			-4163 Aug 18 j 08:05	0° 𐌿	
evening max el	-4164 Oct 09 j 16:29	6° 𐌿 29'04	20°44'26	evening rise	-4163 Aug 21 j 09:13	4° 𐌿 52'16	
retrograde	-4164 Oct 17 j 20:58	11° 𐌿 19'09		desc. node	-4163 Aug 25 j 04:06	10° 𐌿 48'10	
evening set	-4164 Oct 21 j 17:59	9° 𐌿 53'05			-4163 Sep 07 j 00:29	0° 𐌿	
asc. node	-4164 Oct 22 j 16:18	9° 𐌿 06'47		evening max el	-4163 Sep 22 j 12:05	19° 𐌿 53'51	21°57'57
inferior conj	-4164 Oct 27 j 03:47	3° 𐌿 44'32	1°29'28	retrograde	-4163 Oct 01 j 16:54	25° 𐌿 21'57	
minimum elong	-4164 Oct 27 j 01:50	3° 𐌿 51'12	1°28'41	evening set	-4163 Oct 06 j 01:59	23° 𐌿 37'32	
min. Earth dist.	-4164 Oct 27 j 17:28	2° 𐌿 58'03	0.66987 AU	asc. node	-4163 Oct 09 j 13:25	19° 𐌿 52'15	
	-4164 Oct 30 j 00:18	30° 𐌹 𐌿		inferior conj	-4163 Oct 11 j 09:45	17° 𐌿 22'14	0°37'45
morning rise	-4164 Nov 01 j 09:31	27° 𐌿 29'18		minimum elong	-4163 Oct 11 j 08:53	17° 𐌿 25'14	0°37'27
direct	-4164 Nov 06 j 19:16	25° 𐌿 09'05		min. Earth dist.	-4163 Oct 11 j 12:49	17° 𐌿 11'38	0.67343 AU
	-4164 Nov 16 j 01:27	0° 𐌿		morning rise	-4163 Oct 16 j 15:38	11° 𐌿 07'19	
morning max el	-4164 Nov 17 j 21:33	1° 𐌿 45'55	24°16'51	direct	-4163 Oct 21 j 10:14	9° 𐌿 08'18	
desc. node	-4164 Dec 04 j 07:05	22° 𐌿 31'35		morning max el	-4163 Oct 31 j 08:02	15° 𐌿 02'56	22°50'26
	-4164 Dec 09 j 08:29	0° 𐌿			-4163 Nov 12 j 10:32	0° 𐌿	
morning set	-4164 Dec 23 j 16:28	23° 𐌿 13'42		desc. node	-4163 Nov 21 j 04:02	12° 𐌿 34'42	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4163 Dec 02 j 08:49	0°♄		direct	-4162 Oct 05 j 05:00	23°♄14'20	
morning set	-4163 Dec 04 j 11:01	3°♄24'52		morning max el	-4162 Oct 13 j 23:19	28°♄25'30	21°27'39
max. Earth dist.	-4163 Dec 09 j 08:49	11°♄38'54	1.40159 AU		-4162 Oct 15 j 10:50	0°♄	
					-4162 Nov 06 j 03:07	0°♄	
superior conj	-4163 Dec 17 j 02:27	25°♄18'34	-1°54'24	desc. node	-4162 Nov 08 j 00:59	2°♄54'49	
minimum elong	-4163 Dec 17 j 02:09	25°♄17'14	1°54'33	morning set	-4162 Nov 14 j 01:37	12°♄17'03	
	-4163 Dec 19 j 15:40	0°♄		max. Earth dist.	-4162 Nov 21 j 10:34	24°♄09'31	1.42102 AU
evening rise	-4163 Dec 26 j 19:27	13°♄30'37			-4162 Nov 24 j 22:51	0°♄	
	-4162 Jan 04 j 21:24	0°♄					
asc. node	-4162 Jan 05 j 12:22	1°♄00'29		superior conj	-4162 Nov 28 j 19:09	6°♄33'06	-1°46'50
evening max el	-4162 Jan 12 j 01:35	9°♄36'14	18°25'13	minimum elong	-4162 Nov 28 j 15:18	6°♄16'30	1°46'43
retrograde	-4162 Jan 19 j 12:03	13°♄15'58		evening rise	-4162 Dec 09 j 21:21	26°♄18'24	
evening set	-4162 Jan 22 j 00:48	12°♄51'46			-4162 Dec 11 j 22:07	0°♄	
inferior conj	-4162 Jan 29 j 08:07	8°♄16'11	3°54'07	asc. node	-4162 Dec 23 j 09:27	19°♄00'48	
minimum elong	-4162 Jan 29 j 10:18	8°♄11'41	3°53'45	evening max el	-4162 Dec 26 j 11:16	22°♄36'17	18°08'57
min. Earth dist.	-4162 Feb 01 j 17:14	5°♄31'18	0.59105 AU	retrograde	-4161 Jan 02 j 06:16	26°♄04'56	
morning rise	-4162 Feb 05 j 17:42	2°♄49'29		evening set	-4161 Jan 04 j 22:02	25°♄33'25	
direct	-4162 Feb 12 j 01:05	1°♄05'34		inferior conj	-4161 Jan 11 j 15:53	20°♄36'22	4°03'22
desc. node	-4162 Feb 17 j 03:25	2°♄10'17		minimum elong	-4161 Jan 11 j 15:21	20°♄37'37	4°03'10
morning max el	-4162 Feb 26 j 07:09	8°♄40'15	26°48'45	min. Earth dist.	-4161 Jan 14 j 18:31	17°♄41'27	0.61116 AU
	-4162 Mar 14 j 11:53	0°♄		morning rise	-4161 Jan 18 j 07:20	14°♄52'56	
morning set	-4162 Mar 28 j 06:10	25°♄39'36		direct	-4161 Jan 25 j 05:41	12°♄33'02	
	-4162 Mar 30 j 07:30	0°♄		desc. node	-4161 Feb 04 j 00:32	16°♄30'37	
asc. node	-4162 Apr 03 j 11:49	9°♄03'26		morning max el	-4161 Feb 08 j 07:45	20°♄14'42	27°32'54
					-4161 Feb 16 j 18:04	0°♄	
superior conj	-4162 Apr 04 j 07:25	10°♄50'38	0°08'32		-4161 Mar 07 j 07:22	0°♄	
minimum elong	-4162 Apr 04 j 07:02	10°♄48'34	0°08'23	morning set	-4161 Mar 12 j 13:14	10°♄24'04	
behind sun begin	-4162 Apr 04 j 02:46	10°♄25'15		max. Earth dist.	-4161 Mar 18 j 18:14	23°♄35'25	1.32661 AU
behind sun end	-4162 Apr 04 j 11:18	11°♄11'54					
max. Earth dist.	-4162 Apr 04 j 05:44	10°♄41'29	1.32586 AU	superior conj	-4161 Mar 19 j 18:43	25°♄48'42	-0°16'31
evening rise	-4162 Apr 11 j 07:18	25°♄55'29		minimum elong	-4161 Mar 19 j 19:28	25°♄52'45	0°16'28
	-4162 Apr 13 j 06:43	0°♄		asc. node	-4161 Mar 21 j 08:50	29°♄16'40	
	-4162 Apr 30 j 16:56	0°♄			-4161 Mar 21 j 16:46	0°♄	
evening max el	-4162 May 10 j 11:05	11°♄32'29	26°22'19	evening rise	-4161 Mar 26 j 18:06	10°♄52'54	
desc. node	-4162 May 16 j 02:03	16°♄02'51			-4161 Apr 05 j 14:54	0°♄	
retrograde	-4162 May 24 j 13:09	18°♄51'24		evening max el	-4161 Apr 22 j 06:05	22°♄42'55	25°07'15
evening set	-4162 May 30 j 20:14	17°♄11'31		desc. node	-4161 May 02 j 23:12	29°♄25'40	
min. Earth dist.	-4162 Jun 04 j 00:07	14°♄29'44	0.59559 AU	retrograde	-4161 May 06 j 07:24	29°♄51'46	
inferior conj	-4162 Jun 07 j 09:17	11°♄50'33	-4°16'13	evening set	-4161 May 11 j 10:53	28°♄50'30	
minimum elong	-4162 Jun 07 j 08:16	11°♄52'34	4°16'04	min. Earth dist.	-4161 May 16 j 18:28	25°♄58'02	0.57600 AU
morning rise	-4162 Jun 14 j 22:41	7°♄16'50		inferior conj	-4161 May 19 j 20:07	23°♄52'52	-3°49'21
direct	-4162 Jun 17 j 10:56	6°♄54'19		minimum elong	-4161 May 19 j 15:40	24°♄00'31	3°48'35
morning max el	-4162 Jun 25 j 01:21	10°♄33'08	18°21'39	morning rise	-4161 May 27 j 23:27	19°♄39'11	
asc. node	-4162 Jun 30 j 11:27	17°♄15'20		direct	-4161 May 30 j 10:52	19°♄20'56	
	-4162 Jul 07 j 22:03	0°♄		morning max el	-4161 Jun 08 j 04:43	23°♄26'23	19°03'27
morning set	-4162 Jul 11 j 03:19	6°♄04'37			-4161 Jun 13 j 15:44	0°♄	
				asc. node	-4161 Jun 17 j 08:30	5°♄52'22	
superior conj	-4162 Jul 20 j 11:20	23°♄39'18	1°48'00	morning set	-4161 Jun 24 j 23:14	20°♄08'16	
minimum elong	-4162 Jul 20 j 12:38	23°♄45'15	1°48'09		-4161 Jun 29 j 23:00	0°♄	
	-4162 Jul 23 j 23:36	0°♄					
max. Earth dist.	-4162 Jul 27 j 21:44	6°♄51'54	1.40440 AU	superior conj	-4161 Jul 03 j 10:08	6°♄44'45	1°48'07
evening rise	-4162 Aug 01 j 13:58	14°♄44'59		minimum elong	-4161 Jul 03 j 09:13	6°♄40'19	1°48'16
	-4162 Aug 11 j 04:11	0°♄		max. Earth dist.	-4161 Jul 09 j 23:23	18°♄59'20	1.38494 AU
desc. node	-4162 Aug 12 j 01:05	1°♄19'40		evening rise	-4161 Jul 13 j 21:05	25°♄54'50	
	-4162 Sep 02 j 00:11	0°♄			-4161 Jul 16 j 06:12	0°♄	
evening max el	-4162 Sep 05 j 02:22	3°♄19'25	23°17'55	desc. node	-4161 Jul 29 j 22:05	21°♄38'28	
retrograde	-4162 Sep 15 j 10:09	9°♄26'16			-4161 Aug 04 j 18:27	0°♄	
evening set	-4162 Sep 20 j 09:05	7°♄22'22		evening max el	-4161 Aug 18 j 13:42	16°♄47'55	24°37'54
inferior conj	-4162 Sep 25 j 16:23	1°♄03'54	-0°15'32	retrograde	-4161 Aug 29 j 23:33	23°♄28'16	
minimum elong	-4162 Sep 25 j 16:44	1°♄02'40	0°15'17	evening set	-4161 Sep 04 j 13:27	21°♄05'25	
transit middle	-4162 Sep 25 j 16:44	1°♄02'40	0°15'17	min. Earth dist.	-4161 Sep 09 j 04:21	15°♄46'08	0.67166 AU
transit begin	-4162 Sep 25 j 15:47	1°♄05'58		inferior conj	-4161 Sep 09 j 21:57	14°♄47'16	-1°08'48
transit end	-4162 Sep 25 j 17:42	0°♄59'22		minimum elong	-4161 Sep 09 j 23:33	14°♄41'55	1°08'01
min. Earth dist.	-4162 Sep 25 j 09:17	1°♄28'18	0.67403 AU	asc. node	-4161 Sep 13 j 07:41	10°♄33'59	
asc. node	-4162 Sep 26 j 10:33	0°♄01'43		morning rise	-4161 Sep 15 j 09:37	8°♄42'09	
	-4162 Sep 26 j 11:03	30°♄		direct	-4161 Sep 19 j 02:19	7°♄23'24	
morning rise	-4162 Oct 01 j 00:18	24°♄52'15		morning max el	-4161 Sep 26 j 21:30	11°♄55'55	20°14'39

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4161 Oct 10 j 12:50	0°♎		morning max el	-4160 Sep 09 j 02:49	25°♊35'07	19°15'15
morning set	-4161 Oct 24 j 00:14	20°♎28'56			-4160 Sep 12 j 21:21	0°♎	
desc. node	-4161 Oct 25 j 21:53	23°♎26'14		morning set	-4160 Oct 02 j 06:14	29°♎09'01	
	-4161 Oct 30 j 02:25	0°♎			-4160 Oct 02 j 19:15	0°♎	
max. Earth dist.	-4161 Nov 03 j 19:53	7°♎30'48	1.43648 AU	desc. node	-4160 Oct 11 j 18:47	14°♎05'15	
				max. Earth dist.	-4160 Oct 16 j 11:23	21°♎28'52	1.44590 AU
superior conj	-4161 Nov 09 j 09:04	16°♎30'43	-1°23'30				
minimum elong	-4161 Nov 09 j 02:19	16°♎03'00	1°22'53	superior conj	-4160 Oct 18 j 20:54	25°♎16'37	-0°43'55
	-4161 Nov 17 j 10:36	0°♎		minimum elong	-4160 Oct 18 j 15:34	24°♎55'28	0°43'14
evening rise	-4161 Nov 22 j 06:23	8°♎17'33			-4160 Oct 21 j 20:05	0°♎	
	-4161 Dec 05 j 07:41	0°♎		evening rise	-4160 Nov 02 j 17:55	19°♎19'24	
evening max el	-4161 Dec 09 j 23:42	5°♎50'30	18°12'07		-4160 Nov 09 j 05:28	0°♎	
asc. node	-4161 Dec 10 j 06:32	6°♎07'31		evening max el	-4160 Nov 22 j 12:04	19°♎12'32	18°33'42
retrograde	-4161 Dec 16 j 12:52	9°♎20'33		asc. node	-4160 Nov 26 j 03:39	22°♎05'57	
evening set	-4161 Dec 19 j 08:03	8°♎40'37		retrograde	-4160 Nov 29 j 03:34	22°♎54'26	
inferior conj	-4161 Dec 25 j 15:06	3°♎22'53	3°50'17	evening set	-4160 Dec 02 j 03:24	22°♎04'36	
minimum elong	-4161 Dec 25 j 12:45	3°♎29'08	3°49'48	inferior conj	-4160 Dec 08 j 02:03	16°♎28'31	3°21'57
min. Earth dist.	-4161 Dec 28 j 04:39	0°♎39'39	0.62982 AU	minimum elong	-4160 Dec 07 j 22:55	16°♎37'42	3°21'06
	-4161 Dec 28 j 20:19	30°♎		min. Earth dist.	-4160 Dec 10 j 00:47	14°♎11'23	0.64550 AU
morning rise	-4161 Dec 31 j 16:45	27°♎27'42		morning rise	-4160 Dec 13 j 18:02	10°♎24'24	
direct	-4160 Jan 07 j 18:31	24°♎44'37		direct	-4160 Dec 20 j 14:08	7°♎33'22	
	-4160 Jan 18 j 21:19	0°♎		morning max el	-4159 Jan 02 j 22:54	15°♎13'07	27°14'47
morning max el	-4160 Jan 21 j 13:45	2°♎28'14	27°41'09	desc. node	-4159 Jan 07 j 18:38	20°♎28'25	
desc. node	-4160 Jan 21 j 21:37	2°♎47'46			-4159 Jan 15 j 03:41	0°♎	
	-4160 Feb 11 j 01:05	0°♎			-4159 Feb 02 j 17:07	0°♎	
morning set	-4160 Feb 24 j 14:35	24°♎48'08		morning set	-4159 Feb 07 j 07:13	8°♎41'20	
	-4160 Feb 27 j 03:39	0°♎		max. Earth dist.	-4159 Feb 12 j 01:56	18°♎16'15	1.33949 AU
max. Earth dist.	-4160 Mar 01 j 02:15	6°♎11'07	1.33101 AU				
superior conj	-4160 Mar 03 j 03:55	10°♎37'06	-0°41'23	superior conj	-4159 Feb 15 j 09:01	25°♎08'21	-1°05'04
minimum elong	-4160 Mar 03 j 05:44	10°♎46'55	0°41'10	minimum elong	-4159 Feb 15 j 11:42	25°♎22'33	1°04'47
asc. node	-4160 Mar 07 j 05:50	19°♎25'53			-4159 Feb 17 j 16:03	0°♎	
evening rise	-4160 Mar 10 j 05:47	25°♎49'28		asc. node	-4159 Feb 22 j 02:50	9°♎26'08	
	-4160 Mar 12 j 06:01	0°♎		evening rise	-4159 Feb 22 j 16:31	10°♎37'45	
	-4160 Mar 30 j 14:51	0°♎			-4159 Mar 04 j 20:38	0°♎	
evening max el	-4160 Apr 02 j 22:11	3°♎29'20	23°35'58	evening max el	-4159 Mar 15 j 17:00	14°♎16'15	22°02'28
retrograde	-4160 Apr 16 j 12:56	10°♎15'08		retrograde	-4159 Mar 28 j 06:51	20°♎22'08	
desc. node	-4160 Apr 18 j 20:23	10°♎03'15		evening set	-4159 Mar 31 j 01:48	20°♎04'52	
evening set	-4160 Apr 20 j 08:33	9°♎43'07		desc. node	-4159 Apr 05 j 17:32	17°♎59'24	
min. Earth dist.	-4160 Apr 27 j 09:30	6°♎28'00	0.56057 AU	inferior conj	-4159 Apr 09 j 10:24	15°♎58'32	-1°01'07
inferior conj	-4160 Apr 29 j 11:02	5°♎13'41	-2°43'37	minimum elong	-4159 Apr 09 j 07:36	16°♎02'29	1°00'13
minimum elong	-4160 Apr 29 j 05:11	5°♎22'29	2°42'01	min. Earth dist.	-4159 Apr 08 j 23:22	16°♎14'05	0.55242 AU
morning rise	-4160 May 08 j 04:35	1°♎14'01		morning rise	-4159 Apr 18 j 14:35	11°♎59'43	
direct	-4160 May 10 j 16:18	0°♎58'25		direct	-4159 Apr 21 j 07:14	11°♎43'27	
morning max el	-4160 May 20 j 22:45	5°♎44'49	20°05'38	morning max el	-4159 May 03 j 05:56	17°♎21'32	21°26'45
asc. node	-4160 Jun 03 j 05:30	25°♎02'51			-4159 May 13 j 02:22	0°♎	
	-4160 Jun 05 j 19:06	0°♎		asc. node	-4159 May 21 j 02:29	14°♎37'30	
morning set	-4160 Jun 08 j 02:35	4°♎37'31		morning set	-4159 May 23 j 10:47	19°♎23'59	
					-4159 May 28 j 12:31	0°♎	
superior conj	-4160 Jun 15 j 22:44	20°♎34'16	1°40'02	superior conj	-4159 May 30 j 20:59	4°♎54'37	1°25'59
minimum elong	-4160 Jun 15 j 20:31	20°♎23'07	1°40'01	minimum elong	-4159 May 30 j 18:17	4°♎40'40	1°25'45
	-4160 Jun 20 j 17:55	0°♎		max. Earth dist.	-4159 Jun 03 j 16:13	12°♎41'02	1.35134 AU
max. Earth dist.	-4160 Jun 21 j 03:54	0°♎47'47	1.36671 AU	evening rise	-4159 Jun 08 j 04:35	21°♎32'00	
evening rise	-4160 Jun 25 j 03:46	8°♎15'44			-4159 Jun 12 j 18:14	0°♎	
	-4160 Jul 07 j 23:46	0°♎			-4159 Jul 01 j 18:57	0°♎	
desc. node	-4160 Jul 15 j 19:07	11°♎38'38		desc. node	-4159 Jul 02 j 16:12	1°♎11'18	
	-4160 Jul 30 j 16:37	0°♎		evening max el	-4159 Jul 13 j 11:41	13°♎47'53	26°46'25
evening max el	-4160 Jul 31 j 00:30	0°♎19'26	25°50'02	retrograde	-4159 Jul 26 j 12:21	21°♎06'45	
retrograde	-4160 Aug 12 j 08:24	7°♎23'59		evening set	-4159 Aug 02 j 05:57	18°♎19'11	
evening set	-4160 Aug 18 j 13:10	4°♎45'24		min. Earth dist.	-4159 Aug 06 j 04:30	14°♎15'55	0.65677 AU
	-4160 Aug 22 j 20:40	30°♎		inferior conj	-4159 Aug 07 j 22:33	12°♎11'00	-2°48'13
min. Earth dist.	-4160 Aug 22 j 19:32	0°♎03'34	0.66606 AU	minimum elong	-4159 Aug 08 j 02:05	12°♎00'31	2°46'56
inferior conj	-4160 Aug 24 j 00:40	28°♎30'46	-2°00'21	morning rise	-4159 Aug 13 j 22:33	6°♎28'41	
minimum elong	-4160 Aug 24 j 03:24	28°♎22'06	1°59'10	direct	-4159 Aug 16 j 21:50	5°♎39'26	
morning rise	-4160 Aug 29 j 17:44	22°♎35'26		asc. node	-4159 Aug 17 j 01:51	5°♎39'35	
asc. node	-4160 Aug 30 j 04:47	22°♎19'10		morning max el	-4159 Aug 23 j 13:45	9°♎20'15	18°31'40
direct	-4160 Sep 02 j 00:36	21°♎33'01			-4159 Sep 06 j 22:51	0°♎	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning set	-4159 Sep 12 j 12:26	9°Ω01'43		minimum elong	-4158 Jul 22 j 16:57	25°Π33'12	3°28'49
	-4159 Sep 25 j 14:35	0°Π		morning rise	-4158 Jul 28 j 21:41	20°Π17'01	
				direct	-4158 Jul 31 j 15:35	19°Π37'57	
superior conj	-4159 Sep 27 j 20:22	3°Π32'30	0°05'08	asc. node	-4158 Aug 03 j 22:55	20°Π34'08	
minimum elong	-4159 Sep 27 j 21:03	3°Π35'13	0°05'08	morning max el	-4158 Aug 07 j 03:55	23°Π06'07	18°05'04
behind sun begin	-4159 Sep 27 j 10:12	2°Π52'24			-4158 Aug 12 j 14:37	0°☾	
behind sun end	-4159 Sep 28 j 07:53	4°Π17'59		morning set	-4158 Aug 24 j 21:44	20°☾11'49	
desc. node	-4159 Sep 28 j 15:42	4°Π48'47			-4158 Aug 30 j 17:23	0°Ω	
max. Earth dist.	-4159 Sep 29 j 05:33	5°Π43'23	1.44816 AU				
evening rise	-4159 Oct 14 j 04:44	29°Π17'57		superior conj	-4158 Sep 07 j 06:06	12°Ω22'07	0°51'00
	-4159 Oct 14 j 15:23	0°Ω		minimum elong	-4158 Sep 07 j 11:25	12°Ω43'36	0°50'30
greatest brilliancy	-4159 Oct 23 j 08:24	13°Ω43'28	-0.8m	max. Earth dist.	-4158 Sep 11 j 22:37	19°Ω53'11	1.44317 AU
	-4159 Nov 03 j 14:04	0°Π		desc. node	-4158 Sep 15 j 12:39	25°Ω33'20	
evening max el	-4159 Nov 05 j 21:54	2°Π38'25	19°12'32		-4158 Sep 18 j 08:41	0°Π	
retrograde	-4159 Nov 12 j 22:56	6°Π41'05		evening rise	-4158 Sep 23 j 17:12	8°Π19'26	
asc. node	-4159 Nov 13 j 00:44	6°Π41'03		greatest brilliancy	-4158 Oct 07 j 09:12	29°Π08'23	-0.6m
evening set	-4159 Nov 16 j 05:11	5°Π39'19			-4158 Oct 07 j 23:09	0°Ω	
inferior conj	-4159 Nov 21 j 21:28	29°Ω48'00	2°43'20	evening max el	-4158 Oct 20 j 03:07	16°Ω04'54	20°07'01
minimum elong	-4159 Nov 21 j 18:23	29°Ω57'45	2°42'19	retrograde	-4158 Oct 27 j 20:04	20°Ω36'00	
	-4159 Nov 21 j 17:41	30°κΩ		asc. node	-4158 Oct 30 j 21:51	19°Ω41'06	
min. Earth dist.	-4159 Nov 23 j 06:13	28°Ω04'15	0.65767 AU	evening set	-4158 Oct 31 j 10:58	19°Ω19'43	
morning rise	-4159 Nov 27 j 07:19	23°Ω37'23		inferior conj	-4158 Nov 05 j 22:40	13°Ω16'35	1°57'49
direct	-4159 Dec 03 j 16:05	20°Ω51'28		minimum elong	-4158 Nov 05 j 20:12	13°Ω24'51	1°56'53
morning max el	-4159 Dec 16 j 08:41	28°Ω17'33	26°19'48	min. Earth dist.	-4158 Nov 06 j 18:59	12°Ω08'52	0.66638 AU
	-4159 Dec 18 j 00:18	0°Π		morning rise	-4158 Nov 11 j 05:12	7°Ω02'06	
desc. node	-4159 Dec 25 j 15:36	9°Π08'08		direct	-4158 Nov 16 j 23:42	4°Ω30'37	
	-4158 Jan 08 j 21:34	0°♂		morning max el	-4158 Nov 28 j 17:31	11°Ω29'24	25°04'53
morning set	-4158 Jan 21 j 11:20	21°♂52'00		desc. node	-4158 Dec 12 j 12:34	28°Ω29'12	
max. Earth dist.	-4158 Jan 25 j 14:13	29°♂46'01	1.35239 AU		-4158 Dec 13 j 14:22	0°Π	
	-4158 Jan 25 j 17:04	0°Ω			-4157 Jan 01 j 14:15	0°♂	
				morning set	-4157 Jan 03 j 21:44	4°♂04'42	
superior conj	-4158 Jan 30 j 07:45	9°Ω15'25	-1°26'13	max. Earth dist.	-4157 Jan 07 j 15:12	10°♂51'56	1.36956 AU
minimum elong	-4158 Jan 30 j 10:52	9°Ω31'23	1°26'00				
evening rise	-4158 Feb 07 j 00:30	25°Ω11'38		superior conj	-4157 Jan 13 j 21:10	22°♂49'24	-1°43'01
asc. node	-4158 Feb 08 j 23:51	29°Ω12'39		minimum elong	-4157 Jan 13 j 23:56	23°♂03'01	1°42'59
	-4158 Feb 09 j 09:17	0°≈			-4157 Jan 17 j 11:40	0°Ω	
evening max el	-4158 Feb 25 j 20:12	25°≈28'13	20°38'41	evening rise	-4157 Jan 22 j 03:39	9°Ω24'28	
	-4158 Mar 04 j 18:29	0°κ		asc. node	-4157 Jan 26 j 20:53	18°Ω39'22	
retrograde	-4158 Mar 08 j 20:48	0°κ42'54			-4157 Feb 02 j 12:06	0°≈	
evening set	-4158 Mar 11 j 04:59	0°κ29'40		evening max el	-4157 Feb 08 j 10:02	7°≈15'41	19°31'27
	-4158 Mar 13 j 03:28	30°κ≈		retrograde	-4157 Feb 17 j 18:33	11°≈42'07	
inferior conj	-4158 Mar 20 j 06:07	26°≈31'37	0°55'16	evening set	-4157 Feb 20 j 02:37	11°≈26'46	
minimum elong	-4158 Mar 20 j 08:33	26°≈28'04	0°54'19	inferior conj	-4157 Feb 28 j 12:05	7°≈21'13	2°33'21
min. Earth dist.	-4158 Mar 21 j 13:31	25°≈46'05	0.55343 AU	minimum elong	-4157 Feb 28 j 17:06	7°≈13'04	2°31'52
desc. node	-4158 Mar 23 j 14:39	24°≈37'22		min. Earth dist.	-4157 Mar 03 j 04:17	5°≈37'53	0.56336 AU
morning rise	-4158 Mar 29 j 10:55	22°≈15'02		morning rise	-4157 Mar 09 j 04:59	2°≈35'34	
direct	-4158 Apr 01 j 19:36	21°≈50'25		desc. node	-4157 Mar 10 j 11:45	2°≈13'14	
morning max el	-4158 Apr 15 j 03:13	28°≈20'00	23°01'44	direct	-4157 Mar 13 j 17:28	1°≈49'12	
	-4158 Apr 16 j 19:18	0°κ		morning max el	-4157 Mar 27 j 18:38	8°≈56'18	24°40'32
	-4158 May 05 j 19:07	0°Υ			-4157 Apr 12 j 08:23	0°κ	
morning set	-4158 May 07 j 21:52	4°Υ21'29		morning set	-4157 Apr 22 j 10:05	19°κ24'00	
asc. node	-4158 May 07 j 23:28	4°Υ29'50		asc. node	-4157 Apr 24 j 20:28	24°κ34'22	
					-4157 Apr 27 j 08:43	0°Υ	
superior conj	-4158 May 15 j 01:46	19°Υ36'20	1°07'37				
minimum elong	-4158 May 14 j 23:15	19°Υ22'55	1°07'14	superior conj	-4157 Apr 29 j 10:46	4°Υ31'30	0°46'10
max. Earth dist.	-4158 May 17 j 14:20	24°Υ56'13	1.33962 AU	minimum elong	-4157 Apr 29 j 08:52	4°Υ21'12	0°45'48
	-4158 May 20 j 01:03	0°♂		max. Earth dist.	-4157 Apr 30 j 20:59	7°Υ36'19	1.33154 AU
evening rise	-4158 May 22 j 18:36	5°♂29'41		evening rise	-4157 May 06 j 17:57	19°Υ56'39	
	-4158 Jun 05 j 10:05	0°Π			-4157 May 11 j 21:00	0°♂	
desc. node	-4158 Jun 19 j 13:18	20°Π04'30			-4157 May 30 j 14:57	0°Π	
evening max el	-4158 Jun 25 j 22:41	27°Π03'33	27°19'26	desc. node	-4157 Jun 06 j 10:24	8°Π01'47	
	-4158 Jun 29 j 06:45	0°☾		evening max el	-4157 Jun 08 j 07:49	9°Π55'25	27°22'58
retrograde	-4158 Jul 09 j 10:58	4°☾28'06		retrograde	-4157 Jun 22 j 03:35	17°Π19'27	
evening set	-4158 Jul 16 j 12:54	1°☾42'22		evening set	-4157 Jun 29 j 06:31	14°Π49'20	
	-4158 Jul 18 j 11:51	30°κΠ		min. Earth dist.	-4157 Jul 02 j 20:32	11°Π50'49	0.62687 AU
min. Earth dist.	-4158 Jul 20 j 05:16	28°Π15'15	0.64363 AU	inferior conj	-4157 Jul 05 j 17:54	9°Π02'23	-4°01'32
inferior conj	-4158 Jul 22 j 13:13	25°Π43'21	-3°29'53	minimum elong	-4157 Jul 05 j 20:51	8°Π55'12	4°00'57

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning rise	-4157 Jul 12 j 12:20	3° Π 54'45		direct	-4156 Jun 27 j 04:03	16° \mathcal{B} 46'52	
direct	-4157 Jul 15 j 02:58	3° Π 23'19		morning max el	-4156 Jul 04 j 07:19	20° \mathcal{B} 16'49	18°06'46
asc. node	-4157 Jul 21 j 20:00	6° Π 50'40		asc. node	-4156 Jul 07 j 17:04	24° \mathcal{B} 12'47	
morning max el	-4157 Jul 21 j 18:43	6° Π 47'31	17°56'26		-4156 Jul 11 j 14:10	0° Π	
	-4157 Aug 05 j 20:43	0° \mathcal{E}		morning set	-4156 Jul 20 j 07:35	15° Π 34'56	
morning set	-4157 Aug 07 j 05:59	2° \mathcal{E} 27'59			-4156 Jul 28 j 03:20	0° \mathcal{E}	
superior conj	-4157 Aug 18 j 17:11	22° \mathcal{E} 27'26	1°24'24	superior conj	-4156 Jul 30 j 07:23	3° \mathcal{E} 53'25	1°43'08
minimum elong	-4157 Aug 18 j 22:33	22° \mathcal{E} 50'05	1°24'03	minimum elong	-4156 Jul 30 j 10:16	4° \mathcal{E} 06'15	1°43'10
	-4157 Aug 23 j 05:44	0° \mathcal{O}		max. Earth dist.	-4156 Aug 06 j 20:38	16° \mathcal{E} 56'52	1.41532 AU
max. Earth dist.	-4157 Aug 25 j 12:12	3° \mathcal{O} 42'32	1.43172 AU	evening rise	-4156 Aug 12 j 12:41	26° \mathcal{E} 16'00	
desc. node	-4157 Sep 02 j 09:38	16° \mathcal{O} 15'58			-4156 Aug 14 j 20:48	0° \mathcal{O}	
evening rise	-4157 Sep 02 j 21:10	17° \mathcal{O} 00'59		desc. node	-4156 Aug 19 j 06:37	6° \mathcal{O} 52'47	
	-4157 Sep 11 j 08:52	0° \mathcal{N}			-4156 Sep 04 j 04:11	0° \mathcal{N}	
evening max el	-4157 Oct 03 j 02:28	29° \mathcal{N} 31'15	21°14'37	evening max el	-4156 Sep 14 j 19:45	12° \mathcal{N} 56'53	22°31'32
	-4157 Oct 03 j 13:54	0° \mathcal{A}		retrograde	-4156 Sep 24 j 11:41	18° \mathcal{N} 40'59	
retrograde	-4157 Oct 11 j 16:52	4° \mathcal{A} 36'57		evening set	-4156 Sep 29 j 02:34	16° \mathcal{N} 48'18	
evening set	-4157 Oct 15 j 18:43	3° \mathcal{A} 03'31		asc. node	-4156 Oct 03 j 16:06	11° \mathcal{N} 32'58	
asc. node	-4157 Oct 17 j 18:58	1° \mathcal{A} 09'23		inferior conj	-4156 Oct 04 j 09:57	10° \mathcal{N} 31'30	0°15'16
	-4157 Oct 18 j 18:37	30° \mathcal{R} \mathcal{N}		minimum elong	-4156 Oct 04 j 09:36	10° \mathcal{N} 32'44	0°15'10
inferior conj	-4157 Oct 21 j 03:29	26° \mathcal{N} 51'53	1°07'50	transit middle	-4156 Oct 04 j 09:36	10° \mathcal{N} 32'44	0°15'10
minimum elong	-4157 Oct 21 j 01:58	26° \mathcal{N} 57'06	1°07'14	transit begin	-4156 Oct 04 j 08:35	10° \mathcal{N} 36'13	
min. Earth dist.	-4157 Oct 21 j 12:38	26° \mathcal{N} 20'30	0.67181 AU	transit end	-4156 Oct 04 j 10:36	10° \mathcal{N} 29'14	
morning rise	-4157 Oct 26 j 09:02	20° \mathcal{N} 36'21		min. Earth dist.	-4156 Oct 04 j 08:42	10° \mathcal{N} 35'50	0.67414 AU
direct	-4157 Oct 31 j 12:21	18° \mathcal{N} 24'42		morning rise	-4156 Oct 09 j 16:30	4° \mathcal{N} 17'48	
morning max el	-4157 Nov 11 j 02:28	24° \mathcal{N} 44'08	23°39'57	direct	-4156 Oct 14 j 05:05	2° \mathcal{N} 27'47	
	-4157 Nov 15 j 19:55	0° \mathcal{A}		morning max el	-4156 Oct 23 j 14:34	8° \mathcal{N} 02'57	22°14'17
desc. node	-4157 Nov 29 j 09:33	18° \mathcal{A} 19'52			-4156 Nov 09 j 12:37	0° \mathcal{A}	
	-4157 Dec 07 j 02:24	0° \mathcal{M}		desc. node	-4156 Nov 15 j 06:31	8° \mathcal{A} 31'20	
morning set	-4157 Dec 16 j 08:20	15° \mathcal{M} 03'34		morning set	-4156 Nov 25 j 14:31	24° \mathcal{A} 39'11	
max. Earth dist.	-4157 Dec 20 j 10:55	22° \mathcal{M} 09'02	1.38973 AU		-4156 Nov 28 j 21:11	0° \mathcal{M}	
	-4157 Dec 24 j 19:56	0° \mathcal{X}		max. Earth dist.	-4156 Dec 01 j 09:32	4° \mathcal{M} 11'17	1.41025 AU
superior conj	-4157 Dec 27 j 21:22	5° \mathcal{X} 40'10	-1°53'00	superior conj	-4156 Dec 09 j 03:15	17° \mathcal{M} 34'26	-1°52'55
minimum elong	-4157 Dec 27 j 22:36	5° \mathcal{X} 45'59	1°53'08	minimum elong	-4156 Dec 09 j 01:33	17° \mathcal{M} 26'50	1°53'01
evening rise	-4156 Jan 05 j 23:33	23° \mathcal{X} 10'21			-4156 Dec 15 j 23:04	0° \mathcal{X}	
	-4156 Jan 09 j 12:45	0° \mathcal{Z}		evening rise	-4156 Dec 19 j 09:07	6° \mathcal{X} 22'18	
asc. node	-4156 Jan 13 j 17:57	7° \mathcal{Z} 39'45		asc. node	-4156 Dec 30 j 15:01	26° \mathcal{X} 05'22	
evening max el	-4156 Jan 22 j 09:34	19° \mathcal{Z} 37'20	18°43'35		-4155 Jan 02 j 11:38	0° \mathcal{Z}	
retrograde	-4156 Jan 30 j 09:24	23° \mathcal{Z} 29'17		evening max el	-4155 Jan 04 j 16:22	2° \mathcal{Z} 26'05	18°15'51
evening set	-4156 Feb 01 j 20:37	23° \mathcal{Z} 08'37		retrograde	-4155 Jan 11 j 18:50	5° \mathcal{Z} 59'25	
inferior conj	-4156 Feb 09 j 12:55	18° \mathcal{Z} 45'10	3°35'13	evening set	-4155 Jan 14 j 08:58	5° \mathcal{Z} 32'05	
minimum elong	-4156 Feb 09 j 16:42	18° \mathcal{Z} 38'04	3°34'26	inferior conj	-4155 Jan 21 j 10:09	0° \mathcal{Z} 47'03	4°01'21
min. Earth dist.	-4156 Feb 12 j 20:37	16° \mathcal{Z} 16'58	0.57993 AU	minimum elong	-4155 Jan 21 j 11:07	0° \mathcal{Z} 44'56	4°01'07
morning rise	-4156 Feb 17 j 10:20	13° \mathcal{Z} 31'47			-4155 Jan 22 j 07:37	30° \mathcal{R} \mathcal{X}	
direct	-4156 Feb 23 j 04:20	12° \mathcal{Z} 10'31		min. Earth dist.	-4155 Jan 24 j 17:33	27° \mathcal{X} 55'18	0.59964 AU
desc. node	-4156 Feb 25 j 08:53	12° \mathcal{Z} 22'18		morning rise	-4155 Jan 28 j 11:34	25° \mathcal{X} 12'40	
morning max el	-4156 Mar 08 j 10:21	19° \mathcal{Z} 37'44	26°08'44	direct	-4155 Feb 04 j 02:48	23° \mathcal{X} 12'41	
	-4156 Mar 17 j 05:57	0° \mathcal{A}		desc. node	-4155 Feb 11 j 06:00	25° \mathcal{X} 19'24	
	-4156 Apr 03 j 18:27	0° \mathcal{H}			-4155 Feb 17 j 10:19	0° \mathcal{Z}	
morning set	-4156 Apr 05 j 21:44	4° \mathcal{H} 24'54		morning max el	-4155 Feb 18 j 07:22	0° \mathcal{Z} 50'05	27°11'55
asc. node	-4156 Apr 10 j 17:28	14° \mathcal{H} 45'43			-4155 Mar 11 j 06:11	0° \mathcal{A}	
				morning set	-4155 Mar 21 j 07:04	19° \mathcal{A} 17'56	
superior conj	-4156 Apr 12 j 21:59	19° \mathcal{H} 32'35	0°22'39		-4155 Mar 26 j 07:34	0° \mathcal{H}	
minimum elong	-4156 Apr 12 j 20:59	19° \mathcal{H} 27'12	0°22'24	superior conj	-4155 Mar 28 j 09:44	4° \mathcal{H} 33'45	-0°02'05
max. Earth dist.	-4156 Apr 13 j 08:59	20° \mathcal{H} 32'46	1.32697 AU	minimum elong	-4155 Mar 28 j 09:49	4° \mathcal{H} 34'18	0°02'08
	-4156 Apr 17 j 17:53	0° \mathcal{Y}		behind sun begin	-4155 Mar 28 j 04:51	4° \mathcal{H} 07'05	
evening rise	-4156 Apr 19 j 23:33	4° \mathcal{Y} 42'02		behind sun end	-4155 Mar 28 j 14:48	5° \mathcal{H} 01'31	
	-4156 May 03 j 14:30	0° \mathcal{B}		max. Earth dist.	-4155 Mar 27 j 22:35	3° \mathcal{H} 32'48	1.32578 AU
evening max el	-4156 May 20 j 12:27	22° \mathcal{B} 10'41	26°53'44	asc. node	-4155 Mar 28 j 14:29	4° \mathcal{H} 59'48	
desc. node	-4156 May 23 j 07:32	24° \mathcal{B} 38'51		evening rise	-4155 Apr 04 j 09:03	19° \mathcal{H} 37'33	
retrograde	-4156 Jun 03 j 12:40	29° \mathcal{B} 31'20			-4155 Apr 09 j 12:17	0° \mathcal{Y}	
evening set	-4156 Jun 10 j 06:34	27° \mathcal{B} 30'24			-4155 Apr 28 j 21:33	0° \mathcal{B}	
min. Earth dist.	-4156 Jun 14 j 02:00	21° \mathcal{B} 47'22	0.60738 AU	evening max el	-4155 May 02 j 10:42	3° \mathcal{B} 42'58	25°53'11
inferior conj	-4156 Jun 17 j 09:06	21° \mathcal{B} 59'02	-4°17'26	desc. node	-4155 May 10 j 04:40	9° \mathcal{B} 23'28	
minimum elong	-4156 Jun 17 j 09:55	21° \mathcal{B} 57'16	4°17'16	retrograde	-4155 May 16 j 12:45	10° \mathcal{B} 58'09	
morning rise	-4156 Jun 24 j 15:05	17° \mathcal{B} 12'26					

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening set	-4155 May 22 j 09:33	9° B 34'53		retrograde	-4154 Apr 28 j 01:58	21° Y 40'59	
min. Earth dist.	-4155 May 26 j 23:11	6° B 50'37	0.58703 AU	evening set	-4154 May 02 j 15:52	20° Y 53'37	
inferior conj	-4155 May 30 j 07:07	4° B 23'26	-4°09'08	min. Earth dist.	-4154 May 08 j 15:31	17° Y 52'53	0.56871 AU
minimum elong	-4155 May 30 j 04:35	4° B 28'08	4°08'49	inferior conj	-4154 May 11 j 09:14	16° Y 07'29	-3°26'30
morning rise	-4155 Jun 07 j 02:17	29° Y 58'43		minimum elong	-4154 May 11 j 03:44	16° Y 16'22	3°25'18
	-4155 Jun 07 j 00:26	30° K Y		morning rise	-4154 May 19 j 18:47	12° Y 01'20	
direct	-4155 Jun 09 j 14:22	29° Y 38'00		direct	-4154 May 22 j 06:00	11° Y 44'33	
	-4155 Jun 12 j 02:35	0° B		morning max el	-4154 May 31 j 14:34	16° Y 05'27	19°27'34
morning max el	-4155 Jun 17 j 14:52	3° B 25'55	18°36'58		-4154 Jun 10 j 17:28	0° B	
asc. node	-4155 Jun 24 j 14:08	12° B 26'02		asc. node	-4154 Jun 11 j 11:08	1° B 18'15	
morning set	-4155 Jul 03 j 21:53	29° B 20'41		morning set	-4154 Jun 17 j 21:15	13° B 35'52	
	-4155 Jul 04 j 06:01	0° II					
				superior conj	-4154 Jun 26 j 01:14	29° B 53'40	1°45'33
superior conj	-4155 Jul 12 j 19:59	16° II 27'34	1°49'13	minimum elong	-4154 Jun 25 j 23:39	29° B 45'53	1°45'39
minimum elong	-4155 Jul 12 j 20:14	16° II 28'44	1°49'24		-4154 Jun 26 j 02:31	0° II	
max. Earth dist.	-4155 Jul 19 j 23:52	29° II 27'27	1.39615 AU	max. Earth dist.	-4154 Jul 02 j 01:38	11° II 22'25	1.37684 AU
	-4155 Jul 20 j 07:17	0° B		evening rise	-4154 Jul 05 j 22:15	18° II 22'19	
evening rise	-4155 Jul 24 j 04:34	6° B 40'56			-4154 Jul 12 j 17:18	0° B	
desc. node	-4155 Aug 06 j 03:36	27° B 19'46		desc. node	-4154 Jul 24 j 00:37	17° B 31'49	
	-4155 Aug 07 j 22:36	0° B			-4154 Aug 02 j 03:37	0° B	
evening max el	-4155 Aug 28 j 08:25	26° B 23'24	23°52'18	evening max el	-4154 Aug 10 j 19:04	9° B 53'07	25°09'59
	-4155 Sep 01 j 10:51	0° B		retrograde	-4154 Aug 22 j 15:04	16° B 45'50	
retrograde	-4155 Sep 08 j 03:22	2° B 45'10		evening set	-4154 Aug 28 j 11:24	14° B 15'29	
evening set	-4155 Sep 13 j 08:44	0° B 32'43		min. Earth dist.	-4154 Sep 01 j 22:28	9° B 11'56	0.66964 AU
	-4155 Sep 13 j 23:08	30° K B		inferior conj	-4154 Sep 02 j 20:55	7° B 58'12	-1°31'00
min. Earth dist.	-4155 Sep 18 j 04:45	24° B 53'21	0.67346 AU	minimum elong	-4154 Sep 02 j 23:01	7° B 51'18	1°30'01
inferior conj	-4155 Sep 18 j 16:20	24° B 13'58	-0°38'14	asc. node	-4154 Sep 07 j 10:21	2° B 43'49	
minimum elong	-4155 Sep 18 j 17:13	24° B 10'56	0°37'45	morning rise	-4154 Sep 08 j 10:42	1° B 56'55	
asc. node	-4155 Sep 20 j 13:14	21° B 44'46		direct	-4154 Sep 11 j 22:49	0° B 45'43	
morning rise	-4155 Sep 24 j 01:40	18° B 05'00		morning max el	-4154 Sep 19 j 10:12	5° B 04'35	19°47'36
direct	-4155 Sep 28 j 00:59	16° B 35'42			-4154 Oct 07 j 09:31	0° B	
morning max el	-4155 Oct 06 j 08:45	21° B 29'13	20°55'07	morning set	-4154 Oct 14 j 18:55	11° B 24'03	
	-4155 Oct 13 j 10:25	0° B		desc. node	-4154 Oct 20 j 00:20	19° B 32'33	
desc. node	-4155 Nov 02 j 03:26	28° B 56'56			-4154 Oct 26 j 15:37	0° B	
	-4155 Nov 02 j 19:45	0° B		max. Earth dist.	-4154 Oct 27 j 02:59	0° B 45'09	1.44127 AU
morning set	-4155 Nov 04 j 19:58	3° B 07'20					
max. Earth dist.	-4155 Nov 13 j 14:58	17° B 06'29	1.42822 AU	superior conj	-4154 Oct 31 j 11:09	7° B 42'14	-1°08'30
				minimum elong	-4154 Oct 31 j 04:17	7° B 14'33	1°07'46
superior conj	-4155 Nov 20 j 08:58	28° B 16'54	-1°39'00		-4154 Nov 13 j 22:27	0° B	
minimum elong	-4155 Nov 20 j 03:36	27° B 54'17	1°38'41	evening rise	-4154 Nov 14 j 04:57	0° B 27'32	
	-4155 Nov 21 j 09:20	0° B		evening max el	-4154 Dec 02 j 16:11	28° B 51'09	18°19'04
evening rise	-4155 Dec 02 j 04:26	18° B 50'58			-4154 Dec 03 j 21:22	0° B	
	-4155 Dec 08 j 11:45	0° B		asc. node	-4154 Dec 04 j 09:11	0° B 24'34	
asc. node	-4155 Dec 17 j 12:06	13° B 44'40		retrograde	-4154 Dec 09 j 05:35	2° B 25'18	
evening max el	-4155 Dec 19 j 03:29	15° B 32'45	18°07'55	evening set	-4154 Dec 12 j 02:26	1° B 41'33	
retrograde	-4155 Dec 25 j 19:04	19° B 01'03			-4154 Dec 14 j 13:32	30° K B	
evening set	-4155 Dec 28 j 12:05	18° B 26'10		inferior conj	-4154 Dec 18 j 05:41	26° B 15'51	3°39'46
inferior conj	-4154 Jan 04 j 01:00	13° B 19'51	4°00'05	minimum elong	-4154 Dec 18 j 02:53	26° B 23'38	3°39'08
minimum elong	-4154 Jan 03 j 23:34	13° B 23'26	3°59'48	min. Earth dist.	-4154 Dec 20 j 13:02	23° B 42'04	0.63691 AU
min. Earth dist.	-4154 Jan 06 j 22:25	10° B 27'42	0.61934 AU	morning rise	-4154 Dec 24 j 02:43	20° B 16'17	
morning rise	-4154 Jan 10 j 09:59	7° B 30'42		direct	-4154 Dec 31 j 02:56	17° B 27'44	
direct	-4154 Jan 17 j 10:51	4° B 59'21		morning max el	-4153 Jan 13 j 18:32	25° B 11'36	27°33'47
desc. node	-4154 Jan 29 j 03:04	10° B 34'05		desc. node	-4153 Jan 16 j 00:07	27° B 30'26	
morning max el	-4154 Jan 31 j 10:44	12° B 42'42	27°40'57		-4153 Jan 18 j 05:17	0° B	
	-4154 Feb 14 j 06:35	0° B			-4153 Feb 07 j 16:24	0° B	
	-4154 Mar 03 j 13:20	0° B		morning set	-4153 Feb 17 j 10:01	18° B 07'13	
morning set	-4154 Mar 05 j 12:00	3° B 54'56		max. Earth dist.	-4153 Feb 22 j 14:28	28° B 44'02	1.33408 AU
max. Earth dist.	-4154 Mar 11 j 09:45	16° B 21'09	1.32802 AU		-4153 Feb 23 j 04:54	0° B	
superior conj	-4154 Mar 12 j 20:19	19° B 28'15	-0°27'09	superior conj	-4153 Feb 25 j 03:59	4° B 10'05	-0°51'39
minimum elong	-4154 Mar 12 j 21:32	19° B 34'51	0°27'01	minimum elong	-4153 Feb 25 j 06:13	4° B 22'00	0°51'24
asc. node	-4154 Mar 15 j 11:28	25° B 11'41		asc. node	-4153 Mar 02 j 08:27	15° B 17'28	
	-4154 Mar 17 j 16:45	0° B		evening rise	-4153 Mar 04 j 07:52	19° B 28'33	
evening rise	-4154 Mar 19 j 20:25	4° B 35'11			-4153 Mar 09 j 12:49	0° B	
	-4154 Apr 02 j 13:22	0° Y		evening max el	-4153 Mar 26 j 19:58	25° B 22'08	22°55'37
evening max el	-4154 Apr 14 j 03:34	14° Y 39'12	24°29'27		-4153 Apr 02 j 00:44	0° Y	
desc. node	-4154 Apr 27 j 01:48	21° Y 38'39		retrograde	-4153 Apr 09 j 02:27	1° Y 53'20	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening set	-4153 Apr 12 j 09:42	1°♂29'29		retrograde	-4152 Mar 19 j 17:01	12°♂02'51	
desc. node	-4153 Apr 13 j 22:57	1°♂02'45		evening set	-4152 Mar 22 j 05:41	11°♂48'19	
	-4153 Apr 16 j 12:42	30°♂		desc. node	-4152 Mar 30 j 20:05	8°♂11'30	
min. Earth dist.	-4153 Apr 20 j 06:08	28°♂00'46	0.55601 AU	inferior conj	-4152 Mar 31 j 12:40	7°♂48'11	-0°11'29
inferior conj	-4153 Apr 21 j 16:29	27°♂10'59	-2°03'43	minimum elong	-4152 Mar 31 j 12:08	7°♂48'57	0°11'23
minimum elong	-4153 Apr 21 j 11:23	27°♂18'24	2°02'10	transit middle	-4152 Mar 31 j 12:08	7°♂48'57	0°11'23
morning rise	-4153 Apr 30 j 15:20	23°♂13'30		transit begin	-4152 Mar 31 j 09:16	7°♂52'58	
direct	-4153 May 03 j 03:55	22°♂58'21		transit end	-4152 Mar 31 j 14:59	7°♂44'56	
morning max el	-4153 May 14 j 04:05	28°♂06'32	20°38'05	min. Earth dist.	-4152 Mar 31 j 20:17	7°♂37'27	0.55169 AU
	-4153 May 16 j 01:08	0°♂		morning rise	-4152 Apr 09 j 18:36	3°♂43'43	
asc. node	-4153 May 29 j 08:07	20°♂39'41		direct	-4152 Apr 12 j 16:41	3°♂24'58	
morning set	-4153 Jun 02 j 02:52	28°♂12'41		morning max el	-4152 Apr 25 j 06:42	9°♂26'14	22°05'52
	-4153 Jun 02 j 23:49	0°♂			-4152 May 09 j 21:12	0°♂	
				asc. node	-4152 May 15 j 05:06	10°♂23'05	
superior conj	-4153 Jun 09 j 18:19	13°♂57'16	1°34'42	morning set	-4152 May 16 j 12:34	13°♂05'08	
minimum elong	-4153 Jun 09 j 15:48	13°♂44'28	1°34'35				
max. Earth dist.	-4153 Jun 14 j 08:32	23°♂07'54	1.35969 AU	superior conj	-4152 May 23 j 19:41	28°♂28'09	1°18'38
	-4153 Jun 17 j 22:36	0°♂		minimum elong	-4152 May 23 j 17:00	28°♂14'03	1°18'20
evening rise	-4153 Jun 18 j 13:15	1°♂08'31			-4152 May 24 j 13:13	0°♂	
	-4153 Jul 05 j 18:57	0°♂		max. Earth dist.	-4152 May 27 j 01:14	5°♂10'40	1.34593 AU
desc. node	-4153 Jul 10 j 21:41	7°♂21'28		evening rise	-4152 May 31 j 20:19	14°♂44'54	
evening max el	-4153 Jul 24 j 05:56	23°♂24'05	26°16'34		-4152 Jun 09 j 03:50	0°♂	
	-4153 Aug 02 j 14:44	0°♂		desc. node	-4152 Jun 26 j 18:46	26°♂39'15	
retrograde	-4153 Aug 05 j 22:02	0°♂36'37			-4152 Jun 29 j 11:17	0°♂	
	-4153 Aug 09 j 00:24	30°♂		evening max el	-4152 Jul 05 j 17:29	6°♂49'41	27°03'49
evening set	-4153 Aug 12 j 08:27	27°♂53'19		retrograde	-4152 Jul 18 j 23:41	14°♂11'13	
min. Earth dist.	-4153 Aug 16 j 11:24	23°♂27'39	0.66246 AU	evening set	-4152 Jul 25 j 21:26	11°♂23'18	
inferior conj	-4153 Aug 17 j 21:49	21°♂40'51	-2°21'17	min. Earth dist.	-4152 Jul 29 j 17:12	7°♂35'41	0.65165 AU
minimum elong	-4153 Aug 18 j 00:56	21°♂31'11	2°20'00	inferior conj	-4152 Jul 31 j 16:58	5°♂18'45	-3°06'52
morning rise	-4153 Aug 23 j 17:37	15°♂50'26		minimum elong	-4152 Jul 31 j 20:41	5°♂08'06	3°05'38
asc. node	-4153 Aug 25 j 07:26	15°♂08'02			-4152 Aug 06 j 07:50	30°♂	
direct	-4153 Aug 26 j 20:55	14°♂54'04		morning rise	-4152 Aug 06 j 20:21	29°♂42'33	
morning max el	-4153 Sep 02 j 18:04	18°♂46'29	18°54'41	direct	-4152 Aug 09 j 17:09	28°♂57'51	
	-4153 Sep 11 j 07:22	0°♂		asc. node	-4152 Aug 11 j 04:30	29°♂09'35	
morning set	-4153 Sep 24 j 09:58	20°♂31'48			-4152 Aug 13 j 03:29	0°♂	
	-4153 Sep 30 j 09:31	0°♂		morning max el	-4152 Aug 16 j 06:37	2°♂32'13	18°18'10
desc. node	-4153 Oct 06 j 21:15	10°♂13'58			-4152 Sep 03 j 13:48	0°♂	
max. Earth dist.	-4153 Oct 09 j 19:31	14°♂50'46	1.44776 AU	morning set	-4152 Sep 04 j 03:59	0°♂58'34	
superior conj	-4153 Oct 10 j 15:16	16°♂08'40	-0°23'37	superior conj	-4152 Sep 18 j 16:20	24°♂30'58	0°25'41
minimum elong	-4153 Oct 10 j 12:12	15°♂56'33	0°23'09	minimum elong	-4152 Sep 18 j 19:30	24°♂43'33	0°25'24
	-4153 Oct 19 j 09:05	0°♂		max. Earth dist.	-4152 Sep 21 j 13:50	29°♂06'21	1.44696 AU
evening rise	-4153 Oct 26 j 06:07	11°♂02'25			-4152 Sep 22 j 03:25	0°♂	
	-4153 Nov 07 j 02:02	0°♂		desc. node	-4152 Sep 22 j 18:11	0°♂58'17	
evening max el	-4153 Nov 16 j 03:49	12°♂15'37	18°48'14	evening rise	-4152 Oct 05 j 06:31	20°♂34'23	
asc. node	-4153 Nov 21 j 06:16	15°♂49'30			-4152 Oct 11 j 07:47	0°♂	
retrograde	-4153 Nov 22 j 22:32	16°♂05'06		greatest brilliancy	-4152 Oct 16 j 18:06	8°♂21'57	-0.7m
evening set	-4153 Nov 26 j 00:50	15°♂10'32		evening max el	-4152 Oct 29 j 12:00	25°♂42'34	19°33'58
inferior conj	-4153 Dec 01 j 20:35	9°♂27'52	3°06'34	retrograde	-4152 Nov 05 j 18:52	29°♂55'57	
minimum elong	-4153 Dec 01 j 17:24	9°♂37'34	3°05'37	asc. node	-4152 Nov 07 j 03:23	29°♂45'20	
min. Earth dist.	-4153 Dec 03 j 13:19	7°♂24'09	0.65119 AU	evening set	-4152 Nov 09 j 04:38	28°♂48'11	
morning rise	-4153 Dec 07 j 09:36	3°♂20'49		inferior conj	-4152 Nov 14 j 18:46	22°♂51'31	2°24'42
direct	-4153 Dec 14 j 01:34	0°♂30'12		minimum elong	-4152 Nov 14 j 15:53	23°♂00'52	2°23'41
morning max el	-4153 Dec 27 j 04:00	8°♂05'35	26°54'17	min. Earth dist.	-4152 Nov 15 j 22:00	21°♂23'09	0.66185 AU
desc. node	-4152 Jan 02 j 21:06	15°♂38'44		morning rise	-4152 Nov 20 j 02:55	16°♂39'13	
	-4152 Jan 13 j 07:36	0°♂		direct	-4152 Nov 26 j 05:56	13°♂58'36	
	-4152 Jan 31 j 00:03	0°♂		morning max el	-4152 Dec 08 j 13:17	21°♂13'51	25°49'47
morning set	-4152 Jan 31 j 21:54	1°♂44'13			-4152 Dec 16 j 05:07	0°♂	
max. Earth dist.	-4152 Feb 05 j 09:16	10°♂32'49	1.34440 AU	desc. node	-4152 Dec 19 j 18:05	4°♂37'49	
					-4151 Jan 05 j 12:12	0°♂	
superior conj	-4152 Feb 09 j 06:44	18°♂32'33	-1°14'26	morning set	-4151 Jan 13 j 19:11	14°♂32'10	
minimum elong	-4152 Feb 09 j 09:41	18°♂47'54	1°14'11	max. Earth dist.	-4151 Jan 17 j 16:34	21°♂50'28	1.35925 AU
	-4152 Feb 14 j 17:30	0°♂			-4151 Jan 21 j 20:36	0°♂	
evening rise	-4152 Feb 16 j 17:40	4°♂11'44					
asc. node	-4152 Feb 17 j 05:27	5°♂12'44		superior conj	-4151 Jan 23 j 01:58	2°♂27'11	-1°34'00
	-4152 Mar 02 j 06:41	0°♂		minimum elong	-4151 Jan 23 j 05:04	2°♂42'44	1°33'51
evening max el	-4152 Mar 07 j 18:06	6°♂18'50	21°25'12	evening rise	-4151 Jan 30 j 23:55	18°♂37'57	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4151 Feb 03 j 02:29	24° Z 51'51		asc. node	-4150 Jan 20 j 23:32	14° Z 08'44	
	-4151 Feb 05 j 18:51	0° \approx		evening max el	-4150 Jan 31 j 19:56	29° Z 48'15	19°08'34
evening max el	-4151 Feb 18 j 01:49	17° \approx 45'43	20°07'48		-4150 Feb 01 j 00:55	0° \approx	
retrograde	-4151 Feb 28 j 08:39	22° \approx 38'32		retrograde	-4150 Feb 09 j 13:28	3° \approx 58'34	
evening set	-4151 Mar 02 j 16:13	22° \approx 24'47		evening set	-4150 Feb 11 j 22:40	3° \approx 41'15	
inferior conj	-4151 Mar 11 j 11:13	18° \approx 25'04	1°40'38		-4150 Feb 19 j 06:17	30° R Z	
minimum elong	-4151 Mar 11 j 15:16	18° \approx 18'57	1°39'14	inferior conj	-4150 Feb 20 j 00:41	29° Z 28'31	3°04'18
min. Earth dist.	-4151 Mar 13 j 10:18	17° \approx 14'21	0.55669 AU	minimum elong	-4150 Feb 20 j 05:33	29° Z 20'08	3°03'02
desc. node	-4151 Mar 17 j 17:13	14° \approx 57'58		min. Earth dist.	-4150 Feb 23 j 01:26	27° Z 24'08	0.56979 AU
morning rise	-4151 Mar 20 j 12:26	13° \approx 57'15		morning rise	-4150 Feb 28 j 09:47	24° Z 30'15	
direct	-4151 Mar 24 j 08:06	13° \approx 25'15		desc. node	-4150 Mar 04 j 14:20	23° Z 32'22	
morning max el	-4151 Apr 07 j 00:44	20° \approx 12'08	23°44'05	direct	-4150 Mar 05 j 10:59	23° Z 30'37	
	-4151 Apr 15 j 07:01	0° H			-4150 Mar 18 j 19:20	0° \approx	
morning set	-4151 May 01 j 00:23	28° H 05'53		morning max el	-4150 Mar 19 j 15:44	0° \approx 47'50	25°20'17
	-4151 May 01 j 22:04	0° Y			-4150 Apr 08 j 22:32	0° H	
asc. node	-4151 May 02 j 02:07	0° Y 21'22		morning set	-4150 Apr 15 j 12:36	13° H 08'40	
				asc. node	-4150 Apr 18 j 23:07	20° H 29'20	
superior conj	-4151 May 08 j 02:33	13° Y 16'29	0°58'49				
minimum elong	-4151 May 08 j 00:15	13° Y 04'07	0°58'27	superior conj	-4150 Apr 22 j 12:44	28° H 14'56	0°36'23
max. Earth dist.	-4151 May 10 j 03:36	17° Y 38'26	1.33579 AU	minimum elong	-4150 Apr 22 j 11:11	28° H 06'33	0°36'04
evening rise	-4151 May 15 j 14:46	28° Y 56'28			-4150 Apr 23 j 08:03	0° Y	
	-4151 May 16 j 03:29	0° B		max. Earth dist.	-4150 Apr 23 j 12:58	0° Y 26'40	1.32920 AU
	-4151 Jun 02 j 07:04	0° II		evening rise	-4150 Apr 29 j 17:05	13° Y 32'03	
desc. node	-4151 Jun 13 j 15:53	15° II 10'58			-4150 May 08 j 06:14	0° B	
evening max el	-4151 Jun 18 j 04:04	19° II 56'53	27°24'45		-4150 May 28 j 22:59	0° II	
retrograde	-4151 Jul 01 j 19:33	27° II 20'54		evening max el	-4150 May 31 j 11:19	2° II 33'11	27°14'24
evening set	-4151 Jul 08 j 23:09	24° II 40'02		desc. node	-4150 May 31 j 13:00	2° II 37'11	
min. Earth dist.	-4151 Jul 12 j 13:55	21° II 26'29	0.63698 AU	retrograde	-4150 Jun 14 j 09:07	9° II 56'25	
inferior conj	-4151 Jul 15 j 03:46	18° II 46'09	-3°44'49	evening set	-4150 Jun 21 j 09:48	7° II 36'49	
minimum elong	-4151 Jul 15 j 07:19	18° II 36'55	3°43'56	min. Earth dist.	-4150 Jun 25 j 00:42	4° II 47'07	0.61885 AU
morning rise	-4151 Jul 21 j 16:17	13° II 27'27		inferior conj	-4150 Jun 28 j 03:07	1° II 56'05	-4°10'38
direct	-4151 Jul 24 j 08:42	12° II 51'45		minimum elong	-4150 Jun 28 j 05:20	1° II 50'56	4°10'16
asc. node	-4151 Jul 29 j 01:35	14° II 40'47			-4150 Jun 30 j 07:09	30° R B	
morning max el	-4151 Jul 30 j 21:23	16° II 16'44	17°59'10	morning rise	-4150 Jul 05 j 02:19	26° B 57'34	
	-4151 Aug 09 j 14:48	0° E		direct	-4150 Jul 07 j 16:05	26° B 28'50	
morning set	-4151 Aug 16 j 23:43	12° E 38'39		morning max el	-4150 Jul 14 j 11:38	29° B 53'55	17°58'30
	-4151 Aug 27 j 04:18	0° O			-4150 Jul 14 j 14:07	0° II	
				asc. node	-4150 Jul 15 j 22:41	1° II 26'54	
superior conj	-4151 Aug 29 j 11:50	3° O 49'44	1°06'59	morning set	-4150 Jul 30 j 15:55	25° II 17'24	
minimum elong	-4151 Aug 29 j 17:40	4° O 13'44	1°06'29		-4150 Aug 02 j 06:17	0° E	
max. Earth dist.	-4151 Sep 04 j 06:16	13° O 11'30	1.43904 AU				
desc. node	-4151 Sep 09 j 15:10	21° O 42'24		superior conj	-4150 Aug 10 j 10:48	14° E 30'11	1°34'04
evening rise	-4151 Sep 14 j 13:06	29° O 21'34		minimum elong	-4150 Aug 10 j 15:14	14° E 49'23	1°33'54
	-4151 Sep 14 j 23:03	0° H		max. Earth dist.	-4150 Aug 17 j 17:37	26° E 46'36	1.42516 AU
	-4151 Oct 05 j 04:04	0° O			-4150 Aug 19 j 16:57	0° O	
evening max el	-4151 Oct 12 j 14:50	9° O 09'09	20°34'21	evening rise	-4150 Aug 24 j 19:31	8° O 09'59	
retrograde	-4151 Oct 20 j 16:10	13° O 54'17		desc. node	-4150 Aug 27 j 12:09	12° O 22'41	
evening set	-4151 Oct 24 j 11:31	12° O 30'48			-4150 Sep 08 j 04:57	0° H	
asc. node	-4151 Oct 25 j 00:30	12° O 05'19		evening max el	-4150 Sep 25 j 11:20	22° H 34'04	21°46'30
inferior conj	-4151 Oct 29 j 21:46	6° O 23'26	1°37'05	retrograde	-4150 Oct 04 j 12:25	27° H 56'31	
minimum elong	-4151 Oct 29 j 19:39	6° O 30'34	1°36'15	evening set	-4150 Oct 08 j 19:31	26° H 15'04	
min. Earth dist.	-4151 Oct 30 j 13:05	5° O 31'34	0.66904 AU	asc. node	-4150 Oct 11 j 21:40	23° H 00'44	
morning rise	-4151 Nov 04 j 03:37	0° O 08'19		inferior conj	-4150 Oct 14 j 03:29	20° H 00'33	0°45'46
	-4151 Nov 04 j 07:26	30° R H		minimum elong	-4150 Oct 14 j 02:26	20° H 04'09	0°45'21
direct	-4151 Nov 09 j 15:36	27° H 45'07		min. Earth dist.	-4150 Oct 14 j 08:07	19° H 44'34	0.67307 AU
	-4151 Nov 15 j 17:05	0° O		morning rise	-4150 Oct 19 j 09:13	13° H 45'17	
morning max el	-4151 Nov 20 j 22:07	4° O 28'06	24°29'34	direct	-4150 Oct 24 j 06:00	11° H 42'59	
desc. node	-4151 Dec 06 j 15:04	24° O 12'55		morning max el	-4150 Nov 03 j 08:07	17° H 44'23	23°03'11
	-4151 Dec 10 j 14:06	0° H			-4150 Nov 13 j 11:54	0° O	
morning set	-4151 Dec 26 j 20:18	26° H 15'58		desc. node	-4150 Nov 23 j 12:01	14° O 12'55	
	-4151 Dec 28 j 23:04	0° X			-4150 Dec 03 j 17:07	0° H	
max. Earth dist.	-4151 Dec 30 j 14:55	2° X 59'12	1.37792 AU	morning set	-4150 Dec 07 j 19:07	6° H 39'42	
				max. Earth dist.	-4150 Dec 12 j 10:50	14° H 31'33	1.39852 AU
superior conj	-4150 Jan 06 j 10:21	15° X 44'37	-1°48'16				
minimum elong	-4150 Jan 06 j 12:39	15° X 55'40	1°48'18	superior conj	-4150 Dec 20 j 03:23	28° H 12'29	-1°54'26
	-4150 Jan 13 j 16:00	0° Z		minimum elong	-4150 Dec 20 j 03:33	28° H 13'13	1°54'34
evening rise	-4150 Jan 15 j 00:24	2° Z 40'57			-4150 Dec 21 j 02:44	0° X	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening rise	-4150 Dec 29 j 16:18	16°♌13'02			-4149 Nov 26 j 08:15	0°♍	
	-4149 Jan 06 j 02:55	0°♌					
asc. node	-4149 Jan 07 j 20:36	2°♌55'27		superior conj	-4149 Dec 01 j 23:37	9°♍37'21	-1°48'56
evening max el	-4149 Jan 14 j 22:51	12°♌22'06	18°29'20	minimum elong	-4149 Dec 01 j 20:20	9°♍23'05	1°48'53
retrograde	-4149 Jan 22 j 12:26	16°♌04'28		evening rise	-4149 Dec 12 j 20:14	29°♍06'48	
evening set	-4149 Jan 25 j 00:47	15°♌41'14			-4149 Dec 13 j 07:51	0°♌	
inferior conj	-4149 Feb 01 j 10:21	11°♌09'00	3°50'13	asc. node	-4149 Dec 25 j 17:40	21°♌02'36	
minimum elong	-4149 Feb 01 j 12:59	11°♌03'44	3°49'44	evening max el	-4149 Dec 29 j 07:52	25°♌19'22	18°10'10
min. Earth dist.	-4149 Feb 04 j 19:38	8°♌27'33	0.58810 AU	retrograde	-4148 Jan 05 j 04:25	28°♌48'42	
morning rise	-4149 Feb 08 j 22:57	5°♌45'25		evening set	-4148 Jan 07 j 19:48	28°♌18'15	
direct	-4149 Feb 15 j 03:13	4°♌07'16		inferior conj	-4148 Jan 14 j 15:27	23°♌24'19	4°03'35
desc. node	-4149 Feb 19 j 11:26	4°♌54'09		minimum elong	-4148 Jan 14 j 15:17	23°♌24'43	4°03'24
morning max el	-4149 Mar 01 j 09:27	11°♌40'33	26°39'18	min. Earth dist.	-4148 Jan 17 j 19:35	20°♌29'32	0.60820 AU
	-4149 Mar 15 j 16:15	0°♌		morning rise	-4148 Jan 21 j 09:22	17°♌43'12	
morning set	-4149 Mar 30 j 23:30	28°♌07'04		direct	-4148 Jan 28 j 06:20	15°♌28'03	
	-4149 Mar 31 j 21:00	0°♌		desc. node	-4148 Feb 06 j 08:30	18°♌53'36	
asc. node	-4149 Apr 05 j 20:07	10°♌42'21		morning max el	-4148 Feb 11 j 08:59	23°♌08'37	27°28'38
					-4148 Feb 17 j 12:49	0°♌	
superior conj	-4149 Apr 07 j 00:24	13°♌17'00	0°12'17		-4148 Mar 07 j 17:55	0°♌	
minimum elong	-4149 Apr 06 j 23:51	13°♌14'03	0°12'07	morning set	-4148 Mar 14 j 07:11	12°♌53'52	
behind sun begin	-4149 Apr 06 j 20:38	12°♌56'25		max. Earth dist.	-4148 Mar 20 j 14:48	26°♌21'22	1.32627 AU
behind sun end	-4149 Apr 07 j 03:04	13°♌31'40					
max. Earth dist.	-4149 Apr 07 j 01:56	13°♌25'27	1.32600 AU	superior conj	-4148 Mar 21 j 11:50	28°♌16'03	-0°12'42
evening rise	-4149 Apr 14 j 00:36	28°♌22'35		minimum elong	-4148 Mar 21 j 12:25	28°♌19'11	0°12'41
	-4149 Apr 14 j 19:22	0°♌		behind sun begin	-4148 Mar 21 j 09:23	28°♌02'40	
	-4149 May 01 j 16:47	0°♌		behind sun end	-4148 Mar 21 j 15:26	28°♌35'43	
evening max el	-4149 May 13 j 13:16	14°♌30'16	26°31'28		-4148 Mar 22 j 06:52	0°♌	
desc. node	-4149 May 18 j 10:07	18°♌31'00		asc. node	-4148 Mar 22 j 17:05	0°♌55'48	
retrograde	-4149 May 27 j 15:05	21°♌49'54		evening rise	-4148 Mar 28 j 11:06	13°♌19'49	
evening set	-4149 Jun 03 j 01:17	20°♌04'24			-4148 Apr 05 j 22:48	0°♌	
min. Earth dist.	-4149 Jun 07 j 02:31	17°♌22'47	0.59862 AU	evening max el	-4148 Apr 24 j 09:06	25°♌46'17	25°19'51
inferior conj	-4149 Jun 10 j 11:28	14°♌40'29	-4°17'31		-4148 Apr 29 j 15:05	0°♌	
minimum elong	-4149 Jun 10 j 10:58	14°♌41'30	4°17'23	desc. node	-4148 May 04 j 07:16	2°♌16'33	
morning rise	-4149 Jun 17 j 22:54	10°♌03'24		retrograde	-4148 May 08 j 10:48	2°♌56'53	
direct	-4149 Jun 20 j 11:15	9°♌40'09		evening set	-4148 May 13 j 19:02	1°♌50'10	
morning max el	-4149 Jun 27 j 22:32	13°♌16'26	18°17'08		-4148 May 17 j 08:19	30°♌	
asc. node	-4149 Jul 02 j 19:45	19°♌12'44		min. Earth dist.	-4148 May 18 j 21:31	29°♌00'16	0.57875 AU
	-4149 Jul 09 j 07:27	0°♌		inferior conj	-4148 May 22 j 01:17	26°♌48'53	-3°55'52
morning set	-4149 Jul 13 j 23:28	8°♌42'19		minimum elong	-4148 May 21 j 21:17	26°♌55'53	3°55'14
				morning rise	-4148 May 30 j 02:25	22°♌32'22	
superior conj	-4149 Jul 23 j 11:17	26°♌27'34	1°47'05	direct	-4148 Jun 01 j 14:03	22°♌13'28	
minimum elong	-4149 Jul 23 j 13:00	26°♌35'18	1°47'13	morning max el	-4148 Jun 10 j 03:02	26°♌13'56	18°55'54
	-4149 Jul 25 j 10:21	0°♌			-4148 Jun 13 j 12:29	0°♌	
max. Earth dist.	-4149 Jul 30 j 23:07	9°♌40'46	1.40730 AU	asc. node	-4148 Jun 18 j 16:46	7°♌43'50	
evening rise	-4149 Aug 04 j 20:38	17°♌52'42		morning set	-4148 Jun 26 j 18:03	22°♌41'47	
	-4149 Aug 12 j 11:18	0°♌			-4148 Jun 30 j 11:08	0°♌	
desc. node	-4149 Aug 14 j 09:09	2°♌56'00					
	-4149 Sep 02 j 18:06	0°♌		superior conj	-4148 Jul 05 j 07:37	9°♌25'24	1°48'42
evening max el	-4149 Sep 08 j 02:22	5°♌59'46	23°05'50	minimum elong	-4148 Jul 05 j 06:58	9°♌22'19	1°48'51
retrograde	-4149 Sep 18 j 06:04	12°♌00'46		max. Earth dist.	-4148 Jul 12 j 01:07	21°♌54'13	1.38786 AU
evening set	-4149 Sep 23 j 02:51	9°♌59'52		evening rise	-4148 Jul 15 j 23:53	28°♌51'13	
inferior conj	-4149 Sep 28 j 10:08	3°♌41'45	-0°07'25		-4148 Jul 16 j 15:53	0°♌	
minimum elong	-4149 Sep 28 j 10:18	3°♌41'10	0°07'15	desc. node	-4148 Jul 31 j 06:10	23°♌17'19	
transit middle	-4149 Sep 28 j 10:18	3°♌41'10	0°07'15		-4148 Aug 04 j 21:24	0°♌	
transit begin	-4149 Sep 28 j 07:53	3°♌49'30		evening max el	-4148 Aug 20 j 14:01	19°♌28'02	24°26'13
transit end	-4149 Sep 28 j 12:43	3°♌32'50		retrograde	-4148 Aug 31 j 20:00	26°♌03'31	
min. Earth dist.	-4149 Sep 28 j 04:35	4°♌00'52	0.67419 AU	evening set	-4148 Sep 06 j 07:43	23°♌43'20	
asc. node	-4149 Sep 28 j 18:48	3°♌11'57		min. Earth dist.	-4148 Sep 10 j 23:57	18°♌18'46	0.67228 AU
	-4149 Oct 01 j 05:43	30°♌		inferior conj	-4148 Sep 11 j 15:57	17°♌25'00	-1°00'48
morning rise	-4149 Oct 03 j 17:38	27°♌29'25		minimum elong	-4148 Sep 11 j 17:22	17°♌20'14	1°00'05
direct	-4149 Oct 08 j 00:21	25°♌48'19		asc. node	-4148 Sep 14 j 15:54	13°♌37'09	
	-4149 Oct 15 j 19:41	0°♌		morning rise	-4148 Sep 17 j 02:58	11°♌18'48	
morning max el	-4149 Oct 16 j 22:24	1°♌05'32	21°39'22	direct	-4148 Sep 20 j 21:21	9°♌57'21	
	-4149 Nov 07 j 09:28	0°♌		morning max el	-4148 Sep 28 j 19:30	14°♌34'49	20°24'41
desc. node	-4149 Nov 10 j 08:57	4°♌30'45			-4148 Oct 10 j 16:52	0°♌	
morning set	-4149 Nov 17 j 13:23	15°♌41'32		morning set	-4148 Oct 26 j 13:04	23°♌55'36	
max. Earth dist.	-4149 Nov 24 j 11:26	26°♌53'33	1.41835 AU	desc. node	-4148 Oct 27 j 05:54	25°♌00'58	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4148 Oct 30 j 10:29	0°♄		morning set	-4147 Oct 05 j 16:36	2°♎28'00	
max. Earth dist.	-4148 Nov 05 j 19:56	10°♄09'14	1.43453 AU	desc. node	-4147 Oct 14 j 02:50	15°♎39'17	
				max. Earth dist.	-4147 Oct 19 j 10:51	24°♎03'38	1.44492 AU
superior conj	-4148 Nov 11 j 17:43	19°♄46'53	-1°28'07				
minimum elong	-4148 Nov 11 j 11:13	19°♄19'59	1°27'36	superior conj	-4147 Oct 22 j 08:57	28°♎41'53	-0°50'47
	-4148 Nov 17 j 19:53	0°♍		minimum elong	-4147 Oct 22 j 03:02	28°♎18'17	0°50'02
evening rise	-4148 Nov 24 j 08:04	11°♍14'02			-4147 Oct 23 j 04:33	0°♄	
	-4148 Dec 05 j 09:15	0°♌		evening rise	-4147 Nov 05 j 23:08	22°♄25'13	
asc. node	-4148 Dec 11 j 14:43	8°♌18'25			-4147 Nov 10 j 12:41	0°♍	
evening max el	-4148 Dec 11 j 20:02	8°♌31'59	18°10'27	evening max el	-4147 Nov 25 j 08:32	21°♍52'54	18°29'20
retrograde	-4148 Dec 18 j 09:31	12°♌01'13		asc. node	-4147 Nov 28 j 11:49	24°♍28'05	
evening set	-4148 Dec 21 j 04:08	11°♌22'34		retrograde	-4147 Dec 01 j 23:18	25°♍32'37	
inferior conj	-4148 Dec 27 j 12:37	6°♌07'39	3°53'21	evening set	-4147 Dec 04 j 22:17	24°♍44'26	
minimum elong	-4148 Dec 27 j 10:29	6°♌13'16	3°52'56	inferior conj	-4147 Dec 10 j 22:03	19°♍10'51	3°26'58
min. Earth dist.	-4148 Dec 30 j 04:15	3°♌21'41	0.62717 AU	minimum elong	-4147 Dec 10 j 18:59	19°♍19'44	3°26'11
morning rise	-4147 Jan 02 j 16:02	0°♌13'59		min. Earth dist.	-4147 Dec 12 j 22:59	16°♍49'08	0.64336 AU
	-4147 Jan 02 j 23:37	30°♍♍		morning rise	-4147 Dec 16 j 15:13	13°♍07'45	
direct	-4147 Jan 09 j 17:51	27°♍33'35		direct	-4147 Dec 23 j 12:31	10°♍17'00	
	-4147 Jan 17 j 02:32	0°♌		morning max el	-4146 Jan 05 j 23:21	17°♍58'15	27°20'44
desc. node	-4147 Jan 23 j 05:33	4°♌55'33		desc. node	-4146 Jan 10 j 02:34	22°♍25'11	
morning max el	-4147 Jan 23 j 14:22	5°♌17'02	27°42'18		-4146 Jan 16 j 03:47	0°♌	
	-4147 Feb 11 j 07:14	0°♍			-4146 Feb 04 j 03:26	0°♍	
morning set	-4147 Feb 26 j 09:31	27°♍21'37		morning set	-4146 Feb 10 j 03:40	11°♍19'54	
	-4147 Feb 27 j 16:38	0°♎		max. Earth dist.	-4146 Feb 15 j 00:59	21°♍11'13	1.33794 AU
max. Earth dist.	-4147 Mar 03 j 23:51	9°♎01'23	1.33013 AU				
				superior conj	-4146 Feb 18 j 03:14	27°♍40'04	-1°01'36
superior conj	-4147 Mar 05 j 21:25	13°♎06'14	-0°37'39	minimum elong	-4146 Feb 18 j 05:49	27°♍53'45	1°01'20
minimum elong	-4147 Mar 05 j 23:05	13°♎15'15	0°37'27		-4146 Feb 19 j 05:37	0°♎	
asc. node	-4147 Mar 09 j 14:03	21°♎05'53		asc. node	-4146 Feb 24 j 11:03	11°♎07'28	
evening rise	-4147 Mar 12 j 22:45	28°♎17'00		evening rise	-4146 Feb 25 j 09:42	13°♎06'28	
	-4147 Mar 13 j 18:24	0°♏			-4146 Mar 06 j 02:24	0°♏	
	-4147 Mar 31 j 05:05	0°♐		evening max el	-4146 Mar 18 j 19:05	17°♏18'43	22°16'00
evening max el	-4147 Apr 06 j 01:10	6°♐34'11	23°49'59	retrograde	-4146 Mar 31 j 13:48	23°♏31'53	
retrograde	-4147 Apr 19 j 18:11	13°♐24'34		evening set	-4146 Apr 03 j 11:26	23°♏13'17	
desc. node	-4147 Apr 21 j 04:22	13°♐20'00		desc. node	-4146 Apr 08 j 01:29	21°♏37'10	
evening set	-4147 Apr 23 j 18:32	12°♐48'59		min. Earth dist.	-4146 Apr 12 j 02:37	19°♏28'42	0.55307 AU
min. Earth dist.	-4147 Apr 30 j 12:38	9°♐38'01	0.56252 AU	inferior conj	-4146 Apr 12 j 20:01	19°♏04'04	-1°18'17
inferior conj	-4147 May 02 j 18:57	8°♐15'16	-2°56'12	minimum elong	-4146 Apr 12 j 16:29	19°♏09'03	1°17'09
minimum elong	-4147 May 02 j 13:03	8°♐24'18	2°54'40	morning rise	-4146 Apr 21 j 23:05	15°♏06'15	
morning rise	-4147 May 11 j 10:29	4°♐14'21		direct	-4146 Apr 24 j 14:18	14°♏50'30	
direct	-4147 May 13 j 22:06	3°♐58'29		morning max el	-4146 May 06 j 07:23	20°♏20'40	21°13'40
morning max el	-4147 May 23 j 22:32	8°♐37'37	19°55'08		-4146 May 14 j 04:54	0°♐	
asc. node	-4147 Jun 05 j 13:45	26°♐49'30		asc. node	-4146 May 23 j 10:45	16°♐20'50	
	-4147 Jun 07 j 06:00	0°♑		morning set	-4146 May 26 j 04:00	21°♐51'19	
morning set	-4147 Jun 10 j 20:24	7°♑07'13			-4146 May 30 j 01:55	0°♑	
				superior conj	-4146 Jun 02 j 15:26	7°♑25'12	1°28'26
superior conj	-4147 Jun 18 j 18:25	23°♑08'49	1°41'43	minimum elong	-4146 Jun 02 j 12:46	7°♑11'27	1°28'14
minimum elong	-4147 Jun 18 j 16:20	22°♑58'26	1°41'42	max. Earth dist.	-4146 Jun 06 j 15:32	15°♑33'34	1.35338 AU
	-4147 Jun 22 j 06:07	0°♒		evening rise	-4146 Jun 11 j 01:45	24°♑10'34	
max. Earth dist.	-4147 Jun 24 j 04:46	3°♒43'18	1.36927 AU		-4146 Jun 14 j 04:55	0°♒	
evening rise	-4147 Jun 28 j 03:19	11°♒01'42			-4146 Jul 02 j 20:20	0°♑	
	-4147 Jul 09 j 07:01	0°♑		desc. node	-4146 Jul 05 j 00:15	2°♑58'00	
desc. node	-4147 Jul 18 j 03:12	13°♑20'37		evening max el	-4146 Jul 16 j 11:44	16°♑27'59	26°39'22
	-4147 Jul 31 j 03:58	0°♒		retrograde	-4146 Jul 29 j 10:25	23°♑45'49	
evening max el	-4147 Aug 03 j 00:41	2°♒58'52	25°40'04	evening set	-4146 Aug 05 j 02:16	20°♑58'57	
retrograde	-4147 Aug 15 j 05:35	10°♒00'35		min. Earth dist.	-4146 Aug 09 j 01:53	16°♑49'57	0.65834 AU
evening set	-4147 Aug 21 j 08:16	7°♒23'50		inferior conj	-4146 Aug 10 j 17:57	14°♑49'29	-2°41'20
min. Earth dist.	-4147 Aug 25 j 15:48	2°♒36'26	0.66711 AU	minimum elong	-4146 Aug 10 j 21:23	14°♑39'09	2°40'03
inferior conj	-4147 Aug 26 j 19:11	1°♒08'28	-1°52'45	morning rise	-4146 Aug 16 j 16:49	9°♑05'03	
minimum elong	-4147 Aug 26 j 21:45	1°♒00'13	1°51'36	asc. node	-4146 Aug 19 j 10:06	8°♑14'36	
	-4147 Aug 27 j 16:41	30°♒♑		direct	-4146 Aug 19 j 17:02	8°♑14'08	
morning rise	-4147 Sep 01 j 11:22	25°♑11'36		morning max el	-4146 Aug 26 j 10:10	11°♑57'46	18°37'08
asc. node	-4147 Sep 01 j 13:00	25°♑09'00			-4146 Sep 08 j 05:38	0°♒	
direct	-4147 Sep 04 j 19:31	24°♑07'02		morning set	-4146 Sep 15 j 18:45	12°♒08'45	
morning max el	-4147 Sep 11 j 23:53	28°♑13'06	19°23'10		-4146 Sep 26 j 22:56	0°♒	
	-4147 Sep 13 j 15:05	0°♒		desc. node	-4146 Sep 30 j 23:47	6°♒22'31	
	-4147 Oct 04 j 02:41	0°♓					

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4146 Oct 01 j 08:57	6°♎58'41	-0°02'27	morning max el	-4145 Aug 10 j 00:00	25°♐43'39	18°07'51
minimum elong	-4146 Oct 01 j 08:39	6°♎57'29	0°02'20		-4145 Aug 13 j 14:11	0°♌	
behind sun begin	-4146 Sep 30 j 21:21	6°♎12'54		morning set	-4145 Aug 28 j 00:11	23°♌07'43	
behind sun end	-4146 Oct 01 j 19:58	7°♎42'03			-4145 Sep 01 j 02:30	0°♎	
max. Earth dist.	-4146 Oct 02 j 04:35	8°♎16'02	1.44827 AU				
	-4146 Oct 15 j 23:05	0°♌		superior conj	-4145 Sep 10 j 15:50	15°♎39'20	0°44'44
evening rise	-4146 Oct 17 j 13:44	2°♌33'18		minimum elong	-4145 Sep 10 j 20:44	15°♎59'05	0°44'15
greatest brilliancy	-4146 Oct 25 j 14:46	15°♌19'00	-0.8m	max. Earth dist.	-4145 Sep 14 j 21:55	22°♎27'05	1.44437 AU
	-4146 Nov 04 j 09:44	0°♍		desc. node	-4145 Sep 17 j 20:45	27°♎07'00	
evening max el	-4146 Nov 08 j 18:55	5°♍18'26	19°05'42		-4145 Sep 19 j 16:47	0°♎	
asc. node	-4146 Nov 15 j 08:56	9°♍16'41		evening rise	-4145 Sep 27 j 04:55	11°♎41'27	
retrograde	-4146 Nov 15 j 18:10	9°♍17'32			-4145 Oct 09 j 03:44	0°♌	
evening set	-4146 Nov 18 j 23:18	8°♍17'46		greatest brilliancy	-4145 Oct 10 j 12:34	2°♌02'59	-0.7m
inferior conj	-4146 Nov 24 j 16:25	2°♍28'36	2°49'42	evening max el	-4145 Oct 23 j 01:01	18°♌45'08	19°58'02
minimum elong	-4146 Nov 24 j 13:18	2°♍38'25	2°48'41	retrograde	-4145 Oct 30 j 15:10	23°♌11'21	
min. Earth dist.	-4146 Nov 26 j 03:14	0°♍39'28	0.65612 AU	asc. node	-4145 Nov 02 j 06:05	22°♌31'25	
	-4146 Nov 26 j 16:05	30°♎♌		evening set	-4145 Nov 03 j 04:39	21°♌57'25	
morning rise	-4146 Nov 30 j 02:59	26°♌18'44		inferior conj	-4145 Nov 08 j 16:57	15°♌55'56	2°05'05
direct	-4146 Dec 06 j 13:44	23°♌31'10		minimum elong	-4145 Nov 08 j 14:21	16°♌04'33	2°04'06
	-4146 Dec 18 j 08:24	0°♍		min. Earth dist.	-4145 Nov 09 j 15:02	14°♌42'46	0.66534 AU
morning max el	-4146 Dec 19 j 09:09	1°♍00'19	26°29'23	morning rise	-4145 Nov 13 j 23:49	9°♌41'57	
desc. node	-4146 Dec 27 j 23:36	10°♍57'12		direct	-4145 Nov 19 j 20:37	7°♌07'45	
	-4145 Jan 10 j 04:33	0°♎		morning max el	-4145 Dec 01 j 18:03	14°♌11'12	25°16'52
morning set	-4145 Jan 24 j 09:57	24°♎37'29		desc. node	-4145 Dec 14 j 20:37	0°♍13'01	
	-4145 Jan 27 j 05:17	0°♎			-4145 Dec 14 j 16:51	0°♍	
max. Earth dist.	-4145 Jan 28 j 14:52	2°♎44'42	1.35017 AU		-4144 Jan 03 j 00:02	0°♎	
				morning set	-4144 Jan 06 j 23:25	7°♎00'03	
superior conj	-4145 Feb 02 j 03:07	11°♎50'56	-1°23'16	max. Earth dist.	-4144 Jan 10 j 17:17	13°♎52'26	1.36677 AU
minimum elong	-4145 Feb 02 j 06:12	12°♎06'51	1°23'01				
evening rise	-4145 Feb 09 j 18:14	27°♎42'26		superior conj	-4144 Jan 16 j 18:12	25°♎30'52	-1°40'52
	-4145 Feb 10 j 21:03	0°♎		minimum elong	-4144 Jan 16 j 21:05	25°♎45'10	1°40'48
asc. node	-4145 Feb 11 j 08:04	0°♎55'59			-4144 Jan 19 j 00:09	0°♎	
evening max el	-4145 Feb 28 j 20:52	28°♎25'49	20°50'15	evening rise	-4144 Jan 24 j 22:18	11°♎59'04	
	-4145 Mar 02 j 15:50	0°♎		asc. node	-4144 Jan 29 j 05:07	20°♎26'11	
retrograde	-4145 Mar 12 j 03:31	3°♎48'10			-4144 Feb 03 j 14:08	0°♎	
evening set	-4145 Mar 14 j 12:22	3°♎34'51		evening max el	-4144 Feb 11 j 09:13	10°♎08'25	19°40'17
	-4145 Mar 22 j 23:15	30°♎♎		retrograde	-4144 Feb 20 j 23:14	14°♎41'06	
inferior conj	-4145 Mar 23 j 15:22	29°♎36'54	0°38'06	evening set	-4144 Feb 23 j 07:05	14°♎26'16	
minimum elong	-4145 Mar 23 j 17:05	29°♎34'26	0°37'25	inferior conj	-4144 Mar 02 j 19:07	10°♎22'44	2°20'38
min. Earth dist.	-4145 Mar 24 j 16:54	29°♎00'14	0.55264 AU	minimum elong	-4144 Mar 03 j 00:02	10°♎14'56	2°19'07
desc. node	-4145 Mar 25 j 22:37	28°♎18'17		min. Earth dist.	-4144 Mar 05 j 07:29	8°♎47'30	0.56138 AU
morning rise	-4145 Apr 01 j 20:51	25°♎23'49		morning rise	-4144 Mar 11 j 14:29	5°♎41'48	
direct	-4145 Apr 05 j 02:18	25°♎01'06		desc. node	-4144 Mar 11 j 19:45	5°♎37'42	
	-4145 Apr 16 j 16:20	0°♎		direct	-4144 Mar 15 j 22:34	4°♎59'33	
morning max el	-4145 Apr 18 j 05:58	1°♎24'01	22°47'04	morning max el	-4144 Mar 29 j 21:51	12°♎02'01	24°26'09
	-4145 May 07 j 06:54	0°♎			-4144 Apr 12 j 14:17	0°♎	
asc. node	-4145 May 10 j 07:44	6°♎10'47		morning set	-4144 Apr 26 j 03:00	21°♎49'51	
morning set	-4145 May 10 j 14:47	6°♎47'27		asc. node	-4144 Apr 26 j 04:45	26°♎13'47	
					-4144 Apr 27 j 22:46	0°♎	
superior conj	-4145 May 17 j 19:26	22°♎04'16	1°10'36				
minimum elong	-4145 May 17 j 16:51	21°♎50'34	1°10'16	superior conj	-4144 May 01 j 03:58	6°♎58'00	0°49'34
max. Earth dist.	-4145 May 20 j 12:10	27°♎44'48	1.34110 AU	minimum elong	-4144 May 01 j 01:57	6°♎47'06	0°49'13
	-4145 May 21 j 14:16	0°♎		max. Earth dist.	-4144 May 02 j 17:54	10°♎22'21	1.33253 AU
evening rise	-4145 May 25 j 14:06	8°♎03'02		evening rise	-4144 May 08 j 12:19	22°♎26'39	
	-4145 Jun 06 j 17:19	0°♎			-4144 May 12 j 08:13	0°♎	
desc. node	-4145 Jun 21 j 21:20	21°♎58'04			-4144 May 30 j 13:22	0°♎	
evening max el	-4145 Jun 28 j 22:57	29°♎46'37	27°16'19	desc. node	-4144 Jun 07 j 18:25	10°♎05'08	
	-4145 Jun 29 j 04:32	0°♌		evening max el	-4144 Jun 10 j 08:39	12°♎43'15	27°24'29
retrograde	-4145 Jul 12 j 09:57	7°♌10'46		retrograde	-4144 Jun 24 j 03:22	20°♎07'05	
evening set	-4145 Jul 19 j 10:56	4°♌24'06		evening set	-4144 Jul 01 j 06:47	17°♎33'50	
min. Earth dist.	-4145 Jul 23 j 04:05	0°♌51'46	0.64581 AU	min. Earth dist.	-4144 Jul 04 j 20:51	14°♎31'42	0.62963 AU
	-4145 Jul 23 j 23:04	30°♎♎		inferior conj	-4144 Jul 07 j 16:17	11°♎45'01	-3°57'38
inferior conj	-4145 Jul 25 j 09:54	28°♎23'28	-3°24'09	minimum elong	-4144 Jul 07 j 19:26	11°♎37'12	3°56'58
minimum elong	-4145 Jul 25 j 13:39	28°♎13'06	3°23'02	morning rise	-4144 Jul 14 j 09:08	6°♎34'17	
morning rise	-4145 Jul 31 j 17:00	22°♎54'24		direct	-4144 Jul 17 j 00:11	6°♎01'47	
direct	-4145 Aug 03 j 11:33	22°♎14'00		asc. node	-4144 Jul 23 j 04:18	9°♎00'33	
asc. node	-4145 Aug 06 j 07:13	22°♎55'28		morning max el	-4144 Jul 23 j 14:52	9°♎25'53	17°56'29

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4144 Aug 06 j 06:00	0°☿		asc. node	-4143 Jul 10 j 01:21	26°♄13'27	
morning set	-4144 Aug 09 j 05:23	5°☿14'56			-4143 Jul 12 j 17:46	0°♄	
				morning set	-4143 Jul 23 j 04:43	18°♄15'00	
superior conj	-4144 Aug 20 j 22:43	25°☿31'48	1°20'17		-4143 Jul 29 j 14:15	0°☿	
minimum elong	-4144 Aug 21 j 04:18	25°☿55'15	1°19'55				
	-4144 Aug 23 j 15:08	0°♄		superior conj	-4143 Aug 02 j 09:07	6°☿46'27	1°41'10
max. Earth dist.	-4144 Aug 27 j 12:23	6°♄21'06	1.43385 AU	minimum elong	-4143 Aug 02 j 12:25	7°☿01'03	1°41'10
desc. node	-4144 Sep 03 j 17:42	17°♄49'50		max. Earth dist.	-4143 Aug 09 j 21:45	19°☿41'53	1.41799 AU
evening rise	-4144 Sep 05 j 08:53	20°♄22'27		evening rise	-4143 Aug 15 j 21:34	29°☿29'18	
	-4144 Sep 11 j 15:29	0°♄			-4143 Aug 16 j 05:15	0°♄	
	-4144 Oct 03 j 00:59	0°♄		desc. node	-4143 Aug 21 j 14:40	8°♄27'41	
evening max el	-4144 Oct 05 j 01:18	2°♄11'19	21°03'53		-4143 Sep 05 j 06:12	0°♄	
retrograde	-4144 Oct 13 j 12:06	7°♄11'20		evening max el	-4143 Sep 17 j 19:22	15°♄36'46	22°19'39
evening set	-4144 Oct 17 j 12:14	5°♄40'31		retrograde	-4143 Sep 27 j 07:18	21°♄15'12	
asc. node	-4144 Oct 19 j 03:15	4°♄12'06		evening set	-4143 Oct 01 j 20:09	19°♄25'22	
inferior conj	-4144 Oct 22 j 21:20	29°♄29'56	1°15'38	asc. node	-4143 Oct 06 j 00:22	14°♄42'34	
minimum elong	-4144 Oct 22 j 19:39	29°♄35'42	1°14'57	inferior conj	-4143 Oct 07 j 03:39	13°♄09'00	0°23'19
	-4144 Oct 22 j 12:32	30°♄		minimum elong	-4143 Oct 07 j 03:06	13°♄10'53	0°23'09
min. Earth dist.	-4144 Oct 23 j 08:03	28°♄53'18	0.67122 AU	min. Earth dist.	-4143 Oct 07 j 03:52	13°♄08'13	0.67397 AU
morning rise	-4144 Oct 28 j 02:54	23°♄14'32		morning rise	-4143 Oct 12 j 09:56	6°♄54'53	
direct	-4144 Nov 02 j 08:30	20°♄59'48		direct	-4143 Oct 17 j 00:35	5°♄01'47	
morning max el	-4144 Nov 13 j 02:49	27°♄25'17	23°52'53	morning max el	-4143 Oct 26 j 14:19	10°♄43'36	22°26'48
	-4144 Nov 15 j 12:52	0°♄			-4143 Nov 10 j 16:55	0°♄	
desc. node	-4144 Nov 30 j 17:36	19°♄59'42		desc. node	-4143 Nov 17 j 14:32	10°♄08'19	
	-4144 Dec 07 j 09:31	0°♄		morning set	-4143 Nov 29 j 00:25	27°♄58'31	
morning set	-4144 Dec 18 j 13:56	18°♄10'41			-4143 Nov 30 j 06:13	0°♄	
max. Earth dist.	-4144 Dec 22 j 13:29	25°♄06'19	1.38663 AU	max. Earth dist.	-4143 Dec 04 j 11:24	7°♄00'59	1.40727 AU
	-4144 Dec 25 j 06:56	0°♄					
				superior conj	-4143 Dec 12 j 05:37	20°♄32'06	-1°53'45
superior conj	-4144 Dec 29 j 20:41	8°♄28'54	-1°52'05	minimum elong	-4143 Dec 12 j 04:26	20°♄26'48	1°53'52
minimum elong	-4144 Dec 29 j 22:15	8°♄36'18	1°52'11		-4143 Dec 17 j 09:57	0°♄	
evening rise	-4143 Jan 07 j 19:29	25°♄49'34		evening rise	-4143 Dec 22 j 06:47	9°♄06'54	
	-4143 Jan 09 j 23:01	0°♄		asc. node	-4142 Jan 01 j 23:15	28°♄02'29	
asc. node	-4143 Jan 15 j 02:11	9°♄31'04			-4142 Jan 03 j 07:02	0°♄	
evening max el	-4143 Jan 24 j 07:26	22°♄25'12	18°49'25	evening max el	-4142 Jan 07 j 13:15	5°♄09'55	18°18'40
retrograde	-4143 Feb 01 j 11:26	26°♄21'23		retrograde	-4142 Jan 14 j 18:18	8°♄45'18	
evening set	-4143 Feb 03 j 22:10	26°♄01'36		evening set	-4142 Jan 17 j 07:57	8°♄31'04	
inferior conj	-4143 Feb 11 j 16:54	21°♄40'57	3°28'19	inferior conj	-4142 Jan 24 j 11:12	3°♄37'16	3°59'20
minimum elong	-4143 Feb 11 j 21:02	21°♄33'21	3°27'24	minimum elong	-4142 Jan 24 j 12:36	3°♄34'17	3°59'04
min. Earth dist.	-4143 Feb 14 j 23:18	19°♄18'24	0.57717 AU	min. Earth dist.	-4142 Jan 27 j 19:24	0°♄47'26	0.59663 AU
morning rise	-4143 Feb 19 j 17:25	16°♄31'24			-4142 Jan 28 j 19:29	30°♄	
direct	-4143 Feb 25 j 07:18	15°♄16'01		morning rise	-4142 Jan 31 j 15:25	28°♄05'21	
desc. node	-4143 Feb 26 j 16:53	15°♄20'47		direct	-4142 Feb 07 j 04:03	26°♄10'57	
morning max el	-4143 Mar 11 j 13:09	22°♄40'43	25°56'56	desc. node	-4142 Feb 13 j 13:58	27°♄53'23	
	-4143 Mar 18 j 01:16	0°♄			-4142 Feb 16 j 23:02	0°♄	
	-4143 Apr 05 j 06:33	0°♄		morning max el	-4142 Feb 21 j 09:19	3°♄47'30	27°04'32
morning set	-4143 Apr 08 j 14:50	6°♄51'14			-4142 Mar 12 j 14:01	0°♄	
asc. node	-4143 Apr 13 j 01:43	16°♄24'02		morning set	-4142 Mar 24 j 00:36	21°♄45'27	
					-4142 Mar 27 j 21:43	0°♄	
superior conj	-4143 Apr 15 j 14:57	21°♄58'20	0°26'20	asc. node	-4142 Mar 30 j 22:41	6°♄37'26	
minimum elong	-4143 Apr 15 j 13:49	21°♄52'07	0°26'03				
max. Earth dist.	-4143 Apr 16 j 05:23	23°♄17'05	1.32745 AU	superior conj	-4142 Mar 31 j 02:41	6°♄59'22	0°01'45
	-4143 Apr 19 j 07:44	0°♄		minimum elong	-4142 Mar 31 j 02:37	6°♄58'57	0°01'39
evening rise	-4143 Apr 22 j 17:08	7°♄09'31		behind sun begin	-4142 Mar 30 j 21:38	6°♄31'41	
	-4143 May 04 j 20:51	0°♄		behind sun end	-4142 Mar 31 j 07:36	7°♄26'13	
evening max el	-4143 May 23 j 14:01	25°♄03'57	27°00'06	max. Earth dist.	-4142 Mar 30 j 18:54	6°♄16'46	1.32573 AU
desc. node	-4143 May 25 j 15:32	26°♄55'48		evening rise	-4142 Apr 07 j 02:09	22°♄03'22	
	-4143 May 29 j 20:46	0°♄			-4142 Apr 10 j 23:40	0°♄	
retrograde	-4143 Jun 06 j 13:32	2°♄25'03			-4142 Apr 29 j 11:45	0°♄	
evening set	-4143 Jun 13 j 09:40	0°♄18'55		evening max el	-4142 May 05 j 13:06	6°♄41'40	26°03'53
	-4143 Jun 13 j 21:47	30°♄		desc. node	-4142 May 12 j 12:40	11°♄59'16	
min. Earth dist.	-4143 Jun 17 j 03:32	27°♄34'45	0.61043 AU	retrograde	-4142 May 19 j 15:11	13°♄58'23	
inferior conj	-4143 Jun 20 j 09:41	24°♄45'07	-4°16'25	evening set	-4142 May 25 j 15:52	12°♄29'12	
minimum elong	-4143 Jun 20 j 10:55	24°♄42'25	4°16'13	min. Earth dist.	-4142 May 30 j 01:42	9°♄46'13	0.58997 AU
morning rise	-4143 Jun 27 j 13:51	19°♄55'23		inferior conj	-4142 Jun 02 j 10:24	7°♄14'20	-4°12'27
direct	-4143 Jun 30 j 03:03	19°♄28'59		minimum elong	-4142 Jun 02 j 08:25	7°♄18'07	4°12'12
morning max el	-4143 Jul 07 j 03:56	22°♄57'11	18°04'00	morning rise	-4142 Jun 10 j 03:32	2°♄46'37	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

direct	-4142 Jun 12 j 15:40	2° 8 25'17		morning max el	-4141 Jun 03 j 13:29	18° Y 54'26	19°18'44
morning max el	-4142 Jun 20 j 12:25	6° 8 09'40	18°31'14		-4141 Jun 11 j 23:46	0° 8	
asc. node	-4142 Jun 26 j 22:21	14° 8 19'24		asc. node	-4141 Jun 13 j 19:21	3° 8 06'24	
	-4142 Jul 05 j 17:20	0° II		morning set	-4141 Jun 20 j 15:34	16° 8 06'36	
morning set	-4142 Jul 06 j 17:20	1° II 55'13			-4141 Jun 27 j 15:03	0° II	
superior conj	-4142 Jul 15 j 18:44	19° II 11'21	1°49'00	superior conj	-4141 Jun 28 j 21:51	2° II 30'41	1°46'38
minimum elong	-4142 Jul 15 j 19:20	19° II 14'10	1°49'10	minimum elong	-4141 Jun 28 j 20:28	2° II 24'01	1°46'44
	-4142 Jul 21 j 17:55	0° ☿		max. Earth dist.	-4141 Jul 05 j 02:53	14° II 16'26	1.37961 AU
max. Earth dist.	-4142 Jul 23 j 01:25	2° ☿ 18'03	1.39902 AU	evening rise	-4141 Jul 08 j 23:32	21° II 13'15	
evening rise	-4142 Jul 27 j 09:26	9° ☿ 42'28			-4141 Jul 14 j 02:22	0° ☿	
desc. node	-4142 Aug 08 j 11:39	28° ☿ 56'20		desc. node	-4141 Jul 26 j 08:41	19° ☿ 11'02	
	-4142 Aug 09 j 04:35	0° ♌			-4141 Aug 03 j 03:05	0° ♌	
evening max el	-4142 Aug 31 j 08:28	29° ♌ 02'40	23°40'17	evening max el	-4141 Aug 13 j 19:18	12° ♌ 32'02	24°58'56
	-4142 Sep 01 j 07:59	0° ♍		retrograde	-4141 Aug 25 j 11:55	19° ♌ 20'48	
retrograde	-4142 Sep 10 j 23:34	5° ♍ 19'29		evening set	-4141 Aug 31 j 05:58	16° ♌ 53'02	
evening set	-4142 Sep 16 j 02:40	3° ♍ 09'58		min. Earth dist.	-4141 Sep 04 j 18:22	11° ♌ 43'51	0.67042 AU
	-4142 Sep 19 j 01:24	30° ♍ ♌		inferior conj	-4141 Sep 05 j 15:05	10° ♌ 35'19	-1°23'08
inferior conj	-4142 Sep 21 j 10:07	26° ♌ 51'09	-0°30'10	minimum elong	-4141 Sep 05 j 17:01	10° ♌ 28'57	1°22'12
minimum elong	-4142 Sep 21 j 10:49	26° ♌ 48'45	0°29'45	asc. node	-4141 Sep 09 j 18:34	5° ♌ 40'58	
min. Earth dist.	-4142 Sep 21 j 00:06	27° ♌ 25'25	0.67373 AU	morning rise	-4141 Sep 11 j 04:06	4° ♌ 32'33	
asc. node	-4142 Sep 22 j 21:29	24° ♌ 52'10		direct	-4141 Sep 14 j 17:45	3° ♌ 18'47	
morning rise	-4142 Sep 26 j 18:56	20° ♌ 41'13		morning max el	-4141 Sep 22 j 07:45	7° ♌ 42'20	19°56'44
direct	-4142 Sep 30 j 20:04	19° ♌ 09'00			-4141 Oct 08 j 15:42	0° ♍	
morning max el	-4142 Oct 09 j 07:28	24° ♌ 08'37	21°06'15	morning set	-4141 Oct 18 j 07:01	14° ♍ 47'28	
	-4142 Oct 14 j 08:45	0° ♍		desc. node	-4141 Oct 22 j 08:24	21° ♍ 06'17	
desc. node	-4142 Nov 04 j 11:27	0° ♎ 31'58			-4141 Oct 28 j 00:08	0° ♎	
	-4142 Nov 04 j 03:09	0° ♎		max. Earth dist.	-4141 Oct 30 j 02:24	3° ♎ 19'41	1.43975 AU
morning set	-4142 Nov 08 j 08:42	6° ♎ 33'52		superior conj	-4141 Nov 03 j 21:28	11° ♎ 02'12	-1°14'12
max. Earth dist.	-4142 Nov 16 j 15:28	19° ♎ 47'24	1.42582 AU	minimum elong	-4141 Nov 03 j 14:31	10° ♎ 34'03	1°13'28
	-4142 Nov 22 j 19:00	0° ♏			-4141 Nov 15 j 07:27	0° ♏	
superior conj	-4142 Nov 23 j 15:12	1° ♏ 25'38	-1°42'09	evening rise	-4141 Nov 17 j 08:02	3° ♏ 26'46	
minimum elong	-4142 Nov 23 j 10:20	1° ♏ 04'59	1°41'54		-4141 Dec 04 j 03:14	0° ♐	
evening rise	-4142 Dec 05 j 04:26	21° ♏ 42'09		evening max el	-4141 Dec 05 j 12:32	1° ♐ 31'12	18°16'15
	-4142 Dec 09 j 19:48	0° ♐		asc. node	-4141 Dec 06 j 17:25	2° ♐ 39'08	
asc. node	-4142 Dec 19 j 20:19	15° ♐ 49'23		retrograde	-4141 Dec 12 j 01:42	5° ♐ 03'39	
evening max el	-4142 Dec 21 j 23:53	18° ♐ 14'08	18°07'53	evening set	-4141 Dec 14 j 21:56	4° ♐ 21'17	
retrograde	-4142 Dec 28 j 16:31	21° ♐ 42'21			-4141 Dec 20 j 03:46	30° ♏ ♏	
evening set	-4142 Dec 31 j 09:03	21° ♐ 08'43		inferior conj	-4141 Dec 21 j 02:29	28° ♏ 58'23	3°43'44
inferior conj	-4141 Jan 06 j 23:38	16° ♐ 05'39	4°01'36	minimum elong	-4141 Dec 20 j 23:49	29° ♏ 05'40	3°43'10
minimum elong	-4141 Jan 06 j 22:30	16° ♐ 08'26	4°01'22	min. Earth dist.	-4141 Dec 23 j 12:03	26° ♏ 20'57	0.63452 AU
min. Earth dist.	-4141 Jan 09 j 23:00	13° ♐ 12'01	0.61652 AU	morning rise	-4141 Dec 27 j 01:03	23° ♏ 00'19	
morning rise	-4141 Jan 13 j 10:47	10° ♐ 18'19		direct	-4140 Jan 03 j 02:00	20° ♏ 13'16	
direct	-4141 Jan 20 j 10:59	7° ♐ 50'39		morning max el	-4140 Jan 16 j 18:55	27° ♏ 57'15	27°37'01
desc. node	-4141 Jan 31 j 11:02	12° ♐ 49'13		desc. node	-4140 Jan 18 j 08:05	29° ♏ 32'07	
morning max el	-4141 Feb 03 j 11:46	15° ♐ 33'46	27°38'54		-4140 Jan 18 j 18:34	0° ♑	
	-4141 Feb 15 j 08:15	0° ♑			-4140 Feb 09 j 00:59	0° ♑	
	-4141 Mar 05 j 01:21	0° ♒		morning set	-4140 Feb 20 j 05:32	20° ♑ 41'44	
morning set	-4141 Mar 08 j 06:18	6° ♒ 25'11			-4140 Feb 24 j 18:31	0° ♒	
max. Earth dist.	-4141 Mar 14 j 06:34	19° ♒ 07'08	1.32742 AU	max. Earth dist.	-4140 Feb 25 j 12:28	1° ♒ 34'25	1.33290 AU
superior conj	-4141 Mar 15 j 13:32	21° ♒ 55'11	-0°23'21	superior conj	-4140 Feb 27 j 21:47	6° ♒ 39'28	-0°48'01
minimum elong	-4141 Mar 15 j 14:35	22° ♒ 00'54	0°23'15	minimum elong	-4140 Feb 27 j 23:53	6° ♒ 50'40	0°47'47
asc. node	-4141 Mar 17 j 19:40	26° ♒ 49'56		asc. node	-4140 Mar 03 j 16:40	16° ♒ 57'04	
	-4141 Mar 19 j 06:40	0° ♓		evening rise	-4140 Mar 06 j 00:53	21° ♒ 55'32	
evening rise	-4141 Mar 22 j 13:19	7° ♓ 00'57			-4140 Mar 09 j 23:39	0° ♓	
	-4141 Apr 03 j 17:15	0° ♑		evening max el	-4140 Mar 28 j 22:48	28° ♓ 26'10	23°09'45
evening max el	-4141 Apr 17 j 06:36	17° ♑ 42'32	24°43'00		-4140 Mar 30 j 16:30	0° ♑	
desc. node	-4141 Apr 29 j 09:47	24° ♑ 39'19		retrograde	-4140 Apr 11 j 08:33	5° ♑ 02'48	
retrograde	-4141 May 01 j 06:20	24° ♑ 47'20		evening set	-4140 Apr 14 j 19:52	4° ♑ 36'27	
evening set	-4141 May 06 j 01:01	23° ♑ 55'20		desc. node	-4140 Apr 15 j 06:55	4° ♑ 29'10	
min. Earth dist.	-4141 May 11 j 18:45	20° ♑ 57'41	0.57112 AU	min. Earth dist.	-4140 Apr 22 j 09:31	1° ♑ 12'47	0.55743 AU
inferior conj	-4141 May 14 j 15:36	19° ♑ 05'00	-3°35'34	inferior conj	-4140 Apr 24 j 01:25	0° ♑ 14'20	-2°18'41
minimum elong	-4141 May 14 j 10:25	19° ♑ 13'34	3°34'31	minimum elong	-4140 Apr 23 j 19:57	0° ♑ 22'22	2°17'05
morning rise	-4141 May 22 j 22:57	14° ♑ 56'24			-4140 Apr 24 j 11:11	30° ♓ ♓	
direct	-4141 May 25 j 10:11	14° ♑ 39'10		morning rise	-4140 May 02 j 22:28	26° ♓ 16'19	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

direct	-4140 May 05 j 10:39	26° X 01'04		direct	-4139 Apr 16 j 00:01	6° X 33'53	
	-4140 May 15 j 00:41	0° Y		morning max el	-4139 Apr 28 j 08:46	12° X 26'58	21°51'54
morning max el	-4140 May 16 j 04:36	1° Y 01'33	20°26'21		-4139 May 11 j 05:26	0° Y	
asc. node	-4140 May 30 j 16:21	22° Y 23'58		asc. node	-4139 May 17 j 13:23	12° Y 04'29	
morning set	-4140 Jun 03 j 20:26	0° Z 40'44		morning set	-4139 May 19 j 05:40	15° Y 31'10	
	-4140 Jun 03 j 12:25	0° Z			-4139 May 26 j 02:59	0° Z	
superior conj	-4140 Jun 11 j 13:26	16° Z 29'21	1°36'44	superior conj	-4139 May 26 j 13:47	0° Z 56'33	1°21'20
minimum elong	-4140 Jun 11 j 11:01	16° Z 17'04	1°36'38	minimum elong	-4139 May 26 j 11:05	0° Z 42'27	1°21'04
max. Earth dist.	-4140 Jun 16 j 08:49	26° Z 02'05	1.36208 AU	max. Earth dist.	-4139 May 30 j 00:04	8° Z 01'29	1.34777 AU
	-4140 Jun 18 j 10:27	0° II		evening rise	-4139 Jun 03 j 16:44	17° Z 20'11	
evening rise	-4140 Jun 20 j 11:45	3° II 50'46			-4139 Jun 10 j 13:35	0° II	
	-4140 Jul 06 j 00:37	0° III		desc. node	-4139 Jun 29 j 02:47	28° II 27'18	
desc. node	-4140 Jul 12 j 05:44	9° III 04'24			-4139 Jun 30 j 07:38	0° III	
evening max el	-4140 Jul 26 j 06:12	26° III 03'25	26°07'41	evening max el	-4139 Jul 08 j 17:40	9° III 30'00	26°58'16
	-4140 Jul 30 j 20:08	0° IV		retrograde	-4139 Jul 21 j 21:57	16° III 50'34	
retrograde	-4140 Aug 07 j 19:34	3° IV 13'14		evening set	-4139 Jul 28 j 18:23	14° III 02'32	
evening set	-4140 Aug 14 j 04:01	0° IV 31'32		min. Earth dist.	-4139 Aug 01 j 15:08	10° III 09'31	0.65351 AU
	-4140 Aug 14 j 18:04	30° R		inferior conj	-4139 Aug 03 j 12:51	7° III 56'46	-3°00'23
min. Earth dist.	-4140 Aug 18 j 08:11	26° III 00'08	0.66378 AU	minimum elong	-4139 Aug 03 j 16:31	7° III 46'07	2°59'08
inferior conj	-4140 Aug 19 j 16:42	24° III 18'16	-2°13'53	morning rise	-4139 Aug 09 j 15:02	2° III 18'21	
minimum elong	-4140 Aug 19 j 19:41	24° III 08'55	2°12'39	direct	-4139 Aug 12 j 12:40	1° III 32'06	
morning rise	-4140 Aug 25 j 11:30	18° III 26'00		asc. node	-4139 Aug 13 j 12:47	1° III 37'37	
asc. node	-4140 Aug 26 j 15:40	17° III 50'52		morning max el	-4139 Aug 19 j 02:49	5° III 08'27	18°22'33
direct	-4140 Aug 28 j 16:01	17° III 27'32			-4139 Sep 04 j 22:10	0° IV	
morning max el	-4140 Sep 04 j 14:46	21° III 23'10	19°01'34	morning set	-4139 Sep 07 j 08:33	3° IV 59'42	
	-4140 Sep 11 j 10:05	0° V					
morning set	-4140 Sep 26 j 18:42	23° IV 45'06		superior conj	-4139 Sep 22 j 03:58	27° IV 53'04	0°18'31
	-4140 Sep 30 j 17:44	0° VI		minimum elong	-4139 Sep 22 j 06:19	28° IV 02'23	0°18'19
desc. node	-4140 Oct 08 j 05:22	11° VI 47'12			-4139 Sep 23 j 12:02	0° VI	
max. Earth dist.	-4140 Oct 11 j 18:45	17° VI 23'34	1.44725 AU	max. Earth dist.	-4139 Sep 24 j 13:13	1° VI 39'29	1.44750 AU
				desc. node	-4139 Sep 25 j 02:18	2° VI 31'08	
superior conj	-4140 Oct 13 j 04:01	19° VI 34'55	-0°31'00	evening rise	-4139 Oct 08 j 16:54	23° VI 52'30	
minimum elong	-4140 Oct 13 j 00:04	19° VI 19'16	0°30'27		-4139 Oct 12 j 14:47	0° VII	
	-4140 Oct 19 j 17:32	0° VII		greatest brilliancy	-4139 Oct 19 j 10:21	10° VII 35'29	-0.8m
evening rise	-4140 Oct 28 j 12:58	14° VII 11'40		evening max el	-4139 Nov 01 j 09:23	28° VII 22'10	19°26'10
	-4140 Nov 07 j 07:03	0° VIII			-4139 Nov 03 j 02:41	0° VIII	
evening max el	-4140 Nov 18 j 00:34	14° VIII 55'37	18°42'47	retrograde	-4139 Nov 08 j 14:02	2° VIII 31'40	
asc. node	-4140 Nov 22 j 14:31	18° VIII 16'52		asc. node	-4139 Nov 09 j 11:39	2° VIII 26'59	
retrograde	-4140 Nov 24 j 17:57	18° VIII 42'08		evening set	-4139 Nov 11 j 22:34	1° VIII 25'59	
evening set	-4140 Nov 27 j 19:23	17° VIII 49'14			-4139 Nov 13 j 17:10	30° R	
inferior conj	-4140 Dec 03 j 16:06	12° VIII 08'51	3°12'16	inferior conj	-4139 Nov 17 j 13:24	25° VIII 31'05	2°31'31
minimum elong	-4140 Dec 03 j 12:56	12° VIII 18'24	3°11'20	minimum elong	-4139 Nov 17 j 10:26	25° VIII 40'36	2°30'29
min. Earth dist.	-4140 Dec 05 j 10:55	10° VIII 00'20	0.64928 AU	min. Earth dist.	-4139 Nov 18 j 18:30	23° VIII 57'23	0.66045 AU
morning rise	-4140 Dec 09 j 06:06	6° VIII 02'50		morning rise	-4139 Nov 22 j 22:05	19° VIII 19'21	
direct	-4140 Dec 15 j 23:40	3° VIII 11'50		direct	-4139 Nov 29 j 03:09	16° VIII 36'46	
morning max el	-4140 Dec 29 j 04:22	10° VIII 48'48	27°02'01	morning max el	-4139 Dec 11 j 13:53	23° VIII 55'58	26°00'43
desc. node	-4139 Jan 04 j 05:08	17° VIII 31'32			-4139 Dec 17 j 01:18	0° IX	
	-4139 Jan 13 j 11:33	0° X		desc. node	-4139 Dec 22 j 02:09	6° VIII 24'09	
	-4139 Jan 31 j 11:30	0° XI			-4138 Jan 06 j 20:40	0° X	
morning set	-4139 Feb 02 j 19:13	4° XI 25'05		morning set	-4138 Jan 16 j 19:02	17° X 21'22	
max. Earth dist.	-4139 Feb 07 j 09:06	13° XI 29'35	1.34262 AU	max. Earth dist.	-4138 Jan 20 j 18:14	24° X 51'34	1.35680 AU
					-4138 Jan 23 j 09:13	0° XI	
superior conj	-4139 Feb 11 j 01:28	21° XI 05'38	-1°11'10	superior conj	-4138 Jan 25 j 22:01	5° XI 04'48	-1°31'21
minimum elong	-4139 Feb 11 j 04:20	21° XI 20'38	1°10'52	minimum elong	-4138 Jan 26 j 01:08	5° XI 20'37	1°31'09
	-4139 Feb 15 j 06:48	0° XII		evening rise	-4138 Feb 02 j 18:03	21° XI 10'14	
evening rise	-4139 Feb 18 j 11:07	6° XII 41'06		asc. node	-4138 Feb 05 j 10:44	26° XI 36'26	
asc. node	-4139 Feb 18 j 13:42	6° XII 54'32			-4138 Feb 07 j 04:25	0° XII	
	-4139 Mar 03 j 04:48	0° XIII		evening max el	-4138 Feb 21 j 01:48	20° XII 40'32	20°18'09
evening max el	-4139 Mar 10 j 19:43	9° XIII 19'12	21°37'57	retrograde	-4138 Mar 03 j 14:51	25° XII 40'57	
retrograde	-4139 Mar 22 j 24:00	15° XIII 10'54		evening set	-4138 Mar 05 j 22:26	25° XII 27'29	
evening set	-4139 Mar 25 j 14:35	14° XIII 55'36		inferior conj	-4138 Mar 14 j 19:43	21° XII 28'34	1°25'00
desc. node	-4139 Apr 02 j 04:02	11° XIII 52'46		minimum elong	-4138 Mar 14 j 23:17	21° XII 23'16	1°23'43
inferior conj	-4139 Apr 03 j 22:27	10° XIII 53'41	-0°29'22	min. Earth dist.	-4138 Mar 16 j 13:32	20° XII 26'36	0.55540 AU
minimum elong	-4139 Apr 03 j 21:05	10° XIII 55'37	0°28'56	desc. node	-4138 Mar 20 j 01:11	18° XII 33'07	
min. Earth dist.	-4139 Apr 03 j 23:31	10° XIII 52'11	0.55179 AU	morning rise	-4138 Mar 23 j 22:27	17° XII 04'56	
morning rise	-4139 Apr 13 j 04:00	6° XIII 51'38					

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

direct	-4138 Mar 27 j 14:02	16° \approx 35'51		desc. node	-4137 Mar 06 j 22:19	26° \approx 45'05	
morning max el	-4138 Apr 10 j 03:52	23° \approx 16'52	23°29'16	direct	-4137 Mar 08 j 15:05	26° \approx 38'18	
	-4138 Apr 16 j 03:14	0° \approx			-4137 Mar 18 j 02:19	0° \approx	
	-4138 May 03 j 11:21	0° \approx		morning max el	-4137 Mar 22 j 18:55	3° \approx 52'29	25°06'40
morning set	-4138 May 03 j 17:17	0° \approx 31'03			-4137 Apr 10 j 08:01	0° \approx	
asc. node	-4138 May 04 j 10:23	2° \approx 00'51		morning set	-4137 Apr 18 j 05:31	15° \approx 33'56	
				asc. node	-4137 Apr 21 j 07:21	22° \approx 07'37	
					-4137 Apr 24 j 22:21	0° \approx	
superior conj	-4138 May 10 j 19:59	15° \approx 42'51	1°02'00	superior conj	-4137 Apr 25 j 05:47	0° \approx 40'27	0°39'56
minimum elong	-4138 May 10 j 17:36	15° \approx 30'03	1°01'39	minimum elong	-4137 Apr 25 j 04:07	0° \approx 31'21	0°39'35
max. Earth dist.	-4138 May 13 j 01:01	20° \approx 24'57	1.33705 AU	max. Earth dist.	-4137 Apr 26 j 09:27	3° \approx 10'29	1.32993 AU
	-4138 May 17 j 16:19	0° \approx		evening rise	-4137 May 02 j 11:02	16° \approx 00'01	
evening rise	-4138 May 18 j 09:42	1° \approx 27'10			-4137 May 09 j 16:05	0° \approx	
	-4138 Jun 03 j 11:55	0° \approx			-4137 May 29 j 11:43	0° \approx	
desc. node	-4138 Jun 15 j 23:51	17° \approx 07'05		desc. node	-4137 Jun 02 j 20:57	4° \approx 45'03	
evening max el	-4138 Jun 21 j 04:25	22° \approx 40'29	27°23'32	evening max el	-4137 Jun 03 j 12:20	5° \approx 22'26	27°18'05
	-4138 Jul 03 j 12:15	0° \approx		retrograde	-4137 Jun 17 j 09:33	12° \approx 46'11	
retrograde	-4138 Jul 04 j 18:50	0° \approx 04'49		evening set	-4137 Jun 24 j 11:13	10° \approx 22'33	
	-4138 Jul 06 j 00:53	30° \approx 04'49		min. Earth dist.	-4137 Jun 28 j 01:35	7° \approx 30'07	0.62171 AU
evening set	-4138 Jul 11 j 22:03	27° \approx 21'53		inferior conj	-4137 Jul 01 j 02:21	4° \approx 39'33	-4°07'52
min. Earth dist.	-4138 Jul 15 j 13:15	24° \approx 03'51	0.63938 AU	minimum elong	-4137 Jul 01 j 04:52	4° \approx 33'37	4°07'25
inferior conj	-4138 Jul 18 j 01:06	21° \approx 26'10	-3°39'47		-4137 Jul 07 j 03:19	30° \approx 08'00	
minimum elong	-4138 Jul 18 j 04:44	21° \approx 16'33	3°38'50	morning rise	-4137 Jul 07 j 23:52	29° \approx 37'50	
morning rise	-4138 Jul 24 j 12:11	16° \approx 04'51		direct	-4137 Jul 10 j 13:52	29° \approx 08'15	
direct	-4138 Jul 27 j 05:04	15° \approx 28'02			-4137 Jul 13 j 22:33	0° \approx	
asc. node	-4138 Jul 31 j 09:53	16° \approx 56'21		morning max el	-4137 Jul 17 j 07:58	2° \approx 32'53	17°57'21
morning max el	-4138 Aug 02 j 17:28	18° \approx 53'53	18°00'50	asc. node	-4137 Jul 18 j 06:57	3° \approx 32'20	
	-4138 Aug 10 j 20:59	0° \approx		morning set	-4137 Aug 02 j 14:15	28° \approx 00'44	
morning set	-4138 Aug 20 j 00:43	15° \approx 29'36			-4137 Aug 03 j 16:43	0° \approx	
	-4138 Aug 28 j 13:49	0° \approx					
superior conj	-4138 Sep 01 j 19:47	7° \approx 00'57	1°01'35	superior conj	-4137 Aug 13 j 14:37	17° \approx 29'15	1°30'55
minimum elong	-4138 Sep 02 j 01:32	7° \approx 02'42	1°01'05	minimum elong	-4137 Aug 13 j 19:26	17° \approx 49'51	1°30'42
max. Earth dist.	-4138 Sep 07 j 05:56	15° \approx 04'35	1.44059 AU	max. Earth dist.	-4137 Aug 20 j 17:57	29° \approx 26'31	1.42755 AU
	-4138 Sep 11 j 23:14	23° \approx 01'51			-4137 Aug 21 j 02:08	0° \approx	
desc. node	-4138 Sep 16 j 06:54	0° \approx		evening rise	-4137 Aug 28 j 06:16	11° \approx 02'28	
evening rise	-4138 Sep 18 j 01:10	2° \approx 43'37		desc. node	-4137 Aug 29 j 20:11	13° \approx 56'24	
	-4138 Oct 06 j 05:28	0° \approx			-4137 Sep 09 j 10:20	0° \approx	
evening max el	-4138 Oct 15 j 13:02	11° \approx 48'28	20°24'33	evening max el	-4137 Sep 28 j 10:29	25° \approx 13'35	21°35'12
retrograde	-4138 Oct 23 j 11:22	16° \approx 28'44			-4137 Oct 04 j 20:04	0° \approx	
evening set	-4138 Oct 27 j 05:06	15° \approx 07'48		retrograde	-4137 Oct 07 j 07:49	0° \approx 30'14	
asc. node	-4138 Oct 27 j 08:47	15° \approx 01'00			-4137 Oct 09 j 16:24	30° \approx 08'00	
inferior conj	-4138 Nov 01 j 15:49	9° \approx 01'46	1°44'35	evening set	-4137 Oct 11 j 13:01	28° \approx 51'41	
minimum elong	-4138 Nov 01 j 13:34	9° \approx 09'20	1°43'42	asc. node	-4137 Oct 14 j 05:56	26° \approx 07'05	
min. Earth dist.	-4138 Nov 02 j 08:50	8° \approx 04'23	0.66815 AU	inferior conj	-4137 Oct 16 j 21:14	22° \approx 38'05	0°53'41
morning rise	-4138 Nov 06 j 21:51	2° \approx 46'46		minimum elong	-4137 Oct 16 j 20:00	22° \approx 42'18	0°53'12
direct	-4138 Nov 12 j 12:05	0° \approx 20'37		min. Earth dist.	-4137 Oct 17 j 03:26	22° \approx 16'42	0.67268 AU
morning max el	-4138 Nov 23 j 22:43	7° \approx 09'31	24°42'07	morning rise	-4137 Oct 22 j 02:50	16° \approx 22'37	
desc. node	-4138 Dec 08 j 23:09	25° \approx 54'28		direct	-4137 Oct 27 j 01:53	14° \approx 16'57	
	-4138 Dec 11 j 19:14	0° \approx		morning max el	-4137 Nov 06 j 08:14	20° \approx 24'55	23°16'00
morning set	-4138 Dec 29 j 23:32	29° \approx 15'38			-4137 Nov 14 j 11:54	0° \approx	
	-4138 Dec 30 j 09:35	0° \approx		desc. node	-4137 Nov 25 j 20:06	15° \approx 51'10	
max. Earth dist.	-4137 Jan 02 j 17:23	5° \approx 58'39	1.37493 AU		-4137 Dec 05 j 01:19	0° \approx	
superior conj	-4137 Jan 09 j 08:13	18° \approx 28'09	-1°46'34	morning set	-4137 Dec 11 j 02:32	9° \approx 51'45	
minimum elong	-4137 Jan 09 j 10:42	18° \approx 40'16	1°46'35	max. Earth dist.	-4137 Dec 15 j 12:50	17° \approx 24'05	1.39539 AU
	-4137 Jan 15 j 04:06	0° \approx			-4137 Dec 22 j 13:55	0° \approx	
evening rise	-4137 Jan 17 j 19:30	5° \approx 16'49		superior conj	-4137 Dec 23 j 03:51	1° \approx 04'18	-1°54'10
asc. node	-4137 Jan 23 j 07:47	15° \approx 56'59		minimum elong	-4137 Dec 23 j 04:25	1° \approx 06'58	1°54'20
	-4137 Feb 01 j 07:44	0° \approx		evening rise	-4136 Jan 01 j 12:50	18° \approx 53'49	
evening max el	-4137 Feb 03 j 18:26	2° \approx 37'55	19°16'08		-4136 Jan 07 j 10:24	0° \approx	
retrograde	-4137 Feb 12 j 17:04	6° \approx 53'39		asc. node	-4136 Jan 10 j 04:49	4° \approx 48'58	
evening set	-4137 Feb 15 j 01:47	6° \approx 37'07		evening max el	-4136 Jan 17 j 20:15	15° \approx 08'09	18°33'59
inferior conj	-4137 Feb 23 j 06:26	2° \approx 27'04	2°54'04	retrograde	-4136 Jan 25 j 13:11	18° \approx 53'29	
minimum elong	-4137 Feb 23 j 11:25	2° \approx 18'38	2°52'42	evening set	-4136 Jan 28 j 01:09	18° \approx 31'11	
min. Earth dist.	-4137 Feb 26 j 04:33	0° \approx 29'41	0.56742 AU	inferior conj	-4136 Feb 04 j 13:02	14° \approx 02'12	3°45'32
	-4137 Feb 26 j 23:11	30° \approx 08'00		minimum elong	-4136 Feb 04 j 16:05	13° \approx 56'13	3°44'57
morning rise	-4137 Mar 03 j 18:22	27° \approx 33'01					

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

min. Earth dist.	-4136 Feb 07 j 22:05	11° ♁ 24'53	0.58515 AU	evening set	-4135 Jan 09 j 17:53	1° ♁ 03'20	
morning rise	-4136 Feb 12 j 04:41	8° ♁ 42'02			-4135 Jan 11 j 21:03	30° ♁ 2'	
direct	-4136 Feb 18 j 05:36	7° ♁ 09'46		inferior conj	-4135 Jan 16 j 15:23	26° ♁ 12'30	4°03'16
desc. node	-4136 Feb 21 j 19:27	7° ♁ 41'30		minimum elong	-4135 Jan 16 j 15:37	26° ♁ 12'00	4°03'05
morning max el	-4136 Mar 03 j 11:50	14° ♁ 41'15	26°29'10	min. Earth dist.	-4135 Jan 19 j 20:51	23° ♁ 18'20	0.60517 AU
	-4136 Mar 15 j 18:49	0° ♁		morning rise	-4135 Jan 23 j 11:51	20° ♁ 33'45	
	-4136 Apr 01 j 10:14	0° ♁		direct	-4135 Jan 30 j 07:04	18° ♁ 23'42	
morning set	-4136 Apr 01 j 16:43	0° ♁ 33'50		desc. node	-4135 Feb 07 j 16:32	21° ♁ 19'11	
asc. node	-4136 Apr 07 j 04:19	12° ♁ 20'24		morning max el	-4135 Feb 13 j 10:23	26° ♁ 03'08	27°23'36
					-4135 Feb 17 j 03:37	0° ♁	
superior conj	-4136 Apr 08 j 17:20	15° ♁ 42'54	0°16'03		-4135 Mar 09 j 03:52	0° ♁	
minimum elong	-4136 Apr 08 j 16:38	15° ♁ 39'03	0°15'50	morning set	-4135 Mar 17 j 01:00	15° ♁ 22'53	
max. Earth dist.	-4136 Apr 08 j 22:08	16° ♁ 09'11	1.32629 AU	max. Earth dist.	-4135 Mar 23 j 11:21	29° ♁ 06'59	1.32602 AU
	-4136 Apr 15 j 08:27	0° ♁			-4135 Mar 23 j 21:04	0° ♁	
evening rise	-4136 Apr 15 j 17:57	0° ♁ 49'32					
	-4136 May 01 j 19:05	0° ♁		superior conj	-4135 Mar 24 j 04:54	0° ♁ 42'45	-0°08'52
evening max el	-4136 May 15 j 15:16	17° ♁ 26'24	26°39'51	minimum elong	-4135 Mar 24 j 05:18	0° ♁ 44'56	0°08'54
desc. node	-4136 May 19 j 18:04	20° ♁ 55'21		behind sun begin	-4135 Mar 24 j 01:07	0° ♁ 22'04	
retrograde	-4136 May 29 j 16:38	24° ♁ 46'24		behind sun end	-4135 Mar 24 j 09:29	1° ♁ 07'49	
evening set	-4136 Jun 05 j 05:46	22° ♁ 55'26		asc. node	-4135 Mar 25 j 01:16	2° ♁ 34'09	
min. Earth dist.	-4136 Jun 09 j 04:43	20° ♁ 13'34	0.60173 AU	evening rise	-4135 Mar 31 j 04:07	15° ♁ 46'20	
inferior conj	-4136 Jun 12 j 13:10	17° ♁ 28'45	-4°18'08		-4135 Apr 07 j 07:53	0° ♁	
minimum elong	-4136 Jun 12 j 13:10	17° ♁ 28'46	4°18'00	evening max el	-4135 Apr 27 j 11:58	28° ♁ 48'11	25°31'56
morning rise	-4136 Jun 19 j 22:40	12° ♁ 48'16			-4135 Apr 28 j 19:08	0° ♁	
direct	-4136 Jun 22 j 11:12	12° ♁ 24'14		desc. node	-4135 May 06 j 15:12	5° ♁ 02'55	
morning max el	-4136 Jun 29 j 19:30	15° ♁ 58'07	18°13'03	retrograde	-4135 May 11 j 13:51	6° ♁ 00'19	
asc. node	-4136 Jul 04 j 03:58	21° ♁ 10'06		evening set	-4135 May 17 j 02:41	4° ♁ 47'56	
	-4136 Jul 09 j 15:57	0° ♁		min. Earth dist.	-4135 May 22 j 00:22	2° ♁ 00'18	0.58164 AU
morning set	-4136 Jul 15 j 19:50	11° ♁ 19'53			-4135 May 24 j 20:25	30° ♁	
				inferior conj	-4135 May 25 j 05:54	29° ♁ 43'02	-4°01'25
superior conj	-4136 Jul 25 j 11:39	29° ♁ 16'08	1°45'55	minimum elong	-4135 May 25 j 02:24	29° ♁ 49'17	4°00'55
minimum elong	-4136 Jul 25 j 13:46	29° ♁ 25'42	1°46'00	morning rise	-4135 Jun 02 j 04:55	25° ♁ 23'38	
	-4136 Jul 25 j 21:23	0° ♁		direct	-4135 Jun 04 j 16:45	25° ♁ 04'05	
max. Earth dist.	-4136 Aug 02 j 00:23	12° ♁ 27'41	1.41020 AU	morning max el	-4135 Jun 13 j 01:05	28° ♁ 59'49	18°48'49
evening rise	-4136 Aug 07 j 03:52	21° ♁ 01'09			-4135 Jun 14 j 01:20	0° ♁	
	-4136 Aug 12 j 19:00	0° ♁		asc. node	-4135 Jun 21 j 00:57	9° ♁ 34'58	
desc. node	-4136 Aug 15 j 17:08	4° ♁ 31'02		morning set	-4135 Jun 29 j 12:59	25° ♁ 14'53	
	-4136 Sep 02 j 15:25	0° ♁			-4135 Jul 01 j 23:16	0° ♁	
evening max el	-4136 Sep 10 j 02:16	8° ♁ 39'16	22°53'47				
retrograde	-4136 Sep 20 j 01:50	14° ♁ 34'16		superior conj	-4135 Jul 08 j 05:23	12° ♁ 06'07	1°49'04
evening set	-4136 Sep 24 j 20:30	12° ♁ 36'19		minimum elong	-4135 Jul 08 j 05:02	12° ♁ 04'30	1°49'14
inferior conj	-4136 Sep 30 j 03:49	6° ♁ 18'38	0°00'40	max. Earth dist.	-4135 Jul 15 j 02:51	24° ♁ 47'32	1.39078 AU
minimum elong	-4136 Sep 30 j 03:47	6° ♁ 18'42	0°00'45		-4135 Jul 18 j 02:03	0° ♁	
transit middle	-4136 Sep 30 j 03:47	6° ♁ 18'42	0°00'45	evening rise	-4135 Jul 19 j 03:11	1° ♁ 48'08	
transit begin	-4136 Sep 30 j 01:06	6° ♁ 28'00		desc. node	-4135 Aug 02 j 14:09	24° ♁ 54'42	
transit end	-4136 Sep 30 j 06:29	6° ♁ 09'25			-4135 Aug 06 j 01:29	0° ♁	
min. Earth dist.	-4136 Sep 29 j 23:47	6° ♁ 32'31	0.67426 AU	evening max el	-4135 Aug 23 j 14:16	22° ♁ 07'27	24°14'26
asc. node	-4136 Sep 30 j 03:03	6° ♁ 21'17		retrograde	-4135 Sep 03 j 16:23	28° ♁ 38'06	
morning rise	-4136 Oct 05 j 10:57	0° ♁ 05'45		evening set	-4135 Sep 09 j 01:53	26° ♁ 20'35	
	-4136 Oct 05 j 13:50	30° ♁		inferior conj	-4135 Sep 14 j 09:52	20° ♁ 02'06	-0°52'46
direct	-4136 Oct 09 j 19:42	28° ♁ 21'30		minimum elong	-4135 Sep 14 j 11:06	19° ♁ 57'57	0°52'08
	-4136 Oct 14 j 12:00	0° ♁		min. Earth dist.	-4135 Sep 13 j 19:26	20° ♁ 50'52	0.67278 AU
morning max el	-4136 Oct 18 j 21:37	3° ♁ 44'48	21°51'21	asc. node	-4135 Sep 17 j 00:08	16° ♁ 41'09	
	-4136 Nov 07 j 15:31	0° ♁		morning rise	-4135 Sep 19 j 20:17	13° ♁ 54'56	
desc. node	-4136 Nov 11 j 17:02	6° ♁ 06'38		direct	-4135 Sep 23 j 16:22	12° ♁ 30'48	
morning set	-4136 Nov 20 j 00:44	19° ♁ 04'18		morning max el	-4135 Oct 01 j 17:43	17° ♁ 13'33	20°35'04
max. Earth dist.	-4136 Nov 26 j 12:33	29° ♁ 38'29	1.41556 AU		-4135 Oct 11 j 19:59	0° ♁	
	-4136 Nov 26 j 17:44	0° ♁		desc. node	-4135 Oct 29 j 13:57	26° ♁ 35'35	
				morning set	-4135 Oct 30 j 02:02	27° ♁ 22'27	
superior conj	-4136 Dec 04 j 03:31	12° ♁ 39'21	-1°50'41		-4135 Oct 31 j 18:30	0° ♁	
minimum elong	-4136 Dec 04 j 00:48	12° ♁ 27'27	1°50'42	max. Earth dist.	-4135 Nov 08 j 20:17	12° ♁ 48'35	1.43246 AU
	-4136 Dec 13 j 18:06	0° ♁					
evening rise	-4136 Dec 14 j 18:45	1° ♁ 53'38		superior conj	-4135 Nov 15 j 01:46	23° ♁ 00'51	-1°32'23
asc. node	-4136 Dec 27 j 01:54	23° ♁ 02'47		minimum elong	-4135 Nov 14 j 19:36	22° ♁ 35'10	1°31'54
evening max el	-4136 Dec 31 j 04:31	28° ♁ 02'18	18°11'49		-4135 Nov 19 j 05:24	0° ♁	
	-4135 Jan 02 j 13:11	0° ♁		evening rise	-4135 Nov 27 j 09:20	14° ♁ 08'50	
retrograde	-4135 Jan 07 j 02:54	1° ♁ 32'43			-4135 Dec 06 j 13:34	0° ♁	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4135 Dec 13 j 23:00	10°♄27'18		asc. node	-4134 Nov 30 j 20:07	26°♌48'04	
evening max el	-4135 Dec 14 j 16:23	11°♄12'55	18°09'11	retrograde	-4134 Dec 04 j 19:11	28°♌10'41	
retrograde	-4135 Dec 21 j 06:24	14°♄41'36		evening set	-4134 Dec 07 j 17:21	27°♌24'07	
evening set	-4135 Dec 24 j 00:28	14°♄04'17		inferior conj	-4134 Dec 13 j 18:17	21°♌53'11	3°31'45
inferior conj	-4135 Dec 30 j 10:26	8°♄52'15	3°56'05	minimum elong	-4134 Dec 13 j 15:18	22°♌01'43	3°31'01
minimum elong	-4135 Dec 30 j 08:31	8°♄57'11	3°55'43	min. Earth dist.	-4134 Dec 15 j 21:27	19°♌27'00	0.64119 AU
min. Earth dist.	-4134 Jan 02 j 04:07	6°♄03'49	0.62447 AU	morning rise	-4134 Dec 19 j 12:43	15°♌51'11	
morning rise	-4134 Jan 05 j 15:42	3°♄00'04		direct	-4134 Dec 26 j 11:09	13°♌00'54	
direct	-4134 Jan 12 j 17:21	0°♄22'39		morning max el	-4133 Jan 08 j 23:51	20°♌43'25	27°25'56
desc. node	-4134 Jan 25 j 13:36	7°♄04'56		desc. node	-4133 Jan 12 j 10:39	24°♌23'18	
morning max el	-4134 Jan 26 j 15:09	8°♄06'06	27°42'37		-4133 Jan 17 j 01:58	0°♄	
	-4134 Feb 12 j 12:34	0°♄			-4133 Feb 05 j 13:25	0°♄	
morning set	-4134 Mar 01 j 04:18	29°♄53'46		morning set	-4133 Feb 12 j 23:54	13°♄57'10	
	-4134 Mar 01 j 05:31	0°♄		max. Earth dist.	-4133 Feb 17 j 23:42	24°♄04'23	1.33646 AU
max. Earth dist.	-4134 Mar 06 j 21:16	11°♄50'05	1.32929 AU				
				superior conj	-4133 Feb 20 j 21:23	0°♄10'53	-0°58'07
superior conj	-4134 Mar 08 j 14:51	15°♄34'14	-0°33'55	minimum elong	-4133 Feb 20 j 23:51	0°♄23'59	0°57'49
minimum elong	-4134 Mar 08 j 16:22	15°♄42'24	0°33'44		-4133 Feb 20 j 19:20	0°♄	
asc. node	-4134 Mar 11 j 22:17	22°♄44'57		asc. node	-4133 Feb 26 j 19:20	12°♄48'15	
	-4134 Mar 15 j 07:26	0°♄		evening rise	-4133 Feb 28 j 02:53	15°♄34'26	
evening rise	-4134 Mar 15 j 15:41	0°♄43'33			-4133 Mar 07 j 10:05	0°♄	
	-4134 Apr 01 j 00:54	0°♄		evening max el	-4133 Mar 21 j 21:24	20°♄21'38	22°29'48
evening max el	-4134 Apr 09 j 04:11	9°♄38'19	24°03'58	retrograde	-4133 Apr 03 j 20:41	26°♄41'45	
retrograde	-4134 Apr 22 j 23:16	16°♄33'05		evening set	-4133 Apr 06 j 21:20	26°♄21'35	
desc. node	-4134 Apr 23 j 12:21	16°♄32'25		desc. node	-4133 Apr 10 j 09:29	25°♄12'41	
evening set	-4134 Apr 27 j 04:23	15°♄53'36		min. Earth dist.	-4133 Apr 15 j 06:02	22°♄42'54	0.55385 AU
min. Earth dist.	-4134 May 03 j 15:46	12°♄46'31	0.56457 AU	inferior conj	-4133 Apr 16 j 05:34	22°♄09'20	-1°35'05
inferior conj	-4134 May 06 j 02:30	11°♄15'31	-3°07'53	minimum elong	-4133 Apr 16 j 01:24	22°♄15'17	1°33'45
minimum elong	-4134 May 05 j 20:40	11°♄24'38	3°06'28	morning rise	-4133 Apr 25 j 07:18	18°♄12'04	
morning rise	-4134 May 14 j 15:59	7°♄13'05		direct	-4133 Apr 27 j 21:20	17°♄56'41	
direct	-4134 May 17 j 03:26	6°♄56'56		morning max el	-4133 May 09 j 08:40	23°♄19'09	21°00'54
morning max el	-4134 May 26 j 22:07	11°♄29'13	19°45'04		-4133 May 15 j 03:48	0°♄	
asc. node	-4134 Jun 07 j 21:57	28°♄35'59		asc. node	-4133 May 25 j 18:59	18°♄04'20	
	-4134 Jun 08 j 16:05	0°♄		morning set	-4133 May 28 j 21:21	24°♄19'08	
morning set	-4134 Jun 13 j 14:20	9°♄36'57			-4133 May 31 j 15:10	0°♄	
				superior conj	-4133 Jun 05 j 10:06	9°♄56'35	1°30'47
superior conj	-4134 Jun 21 j 14:20	25°♄43'49	1°43'13	minimum elong	-4133 Jun 05 j 07:29	9°♄43'05	1°30'37
minimum elong	-4134 Jun 21 j 12:24	25°♄34'17	1°43'15	max. Earth dist.	-4133 Jun 09 j 15:06	18°♄26'51	1.35550 AU
	-4134 Jun 23 j 18:29	0°♄		evening rise	-4133 Jun 13 j 23:17	26°♄50'28	
max. Earth dist.	-4134 Jun 27 j 05:46	6°♄38'26	1.37188 AU		-4133 Jun 15 j 15:56	0°♄	
evening rise	-4134 Jul 01 j 03:17	13°♄48'38			-4133 Jul 03 j 23:07	0°♄	
	-4134 Jul 10 j 14:56	0°♄		desc. node	-4133 Jul 07 j 08:15	4°♄43'44	
desc. node	-4134 Jul 20 j 11:11	15°♄01'24		evening max el	-4133 Jul 19 j 11:51	19°♄08'05	26°31'46
	-4134 Jul 31 j 20:22	0°♄		retrograde	-4133 Aug 01 j 08:24	26°♄24'26	
evening max el	-4134 Aug 06 j 00:52	5°♄37'50	25°29'48	evening set	-4133 Aug 07 j 22:25	23°♄38'35	
retrograde	-4134 Aug 18 j 02:45	12°♄36'43		min. Earth dist.	-4133 Aug 11 j 23:09	19°♄23'45	0.65988 AU
evening set	-4134 Aug 24 j 03:15	10°♄02'01		inferior conj	-4133 Aug 13 j 13:14	17°♄27'56	-2°34'17
min. Earth dist.	-4134 Aug 28 j 11:59	5°♄09'00	0.66807 AU	minimum elong	-4133 Aug 13 j 16:34	17°♄17'47	2°33'00
inferior conj	-4134 Aug 29 j 13:39	3°♄45'55	-1°45'02	morning rise	-4133 Aug 19 j 11:00	11°♄41'20	
minimum elong	-4134 Aug 29 j 16:03	3°♄38'07	1°43'58	asc. node	-4133 Aug 21 j 18:20	10°♄51'45	
	-4134 Sep 01 j 16:12	30°♄		direct	-4133 Aug 22 j 12:13	10°♄48'37	
asc. node	-4134 Sep 03 j 21:15	28°♄00'43		morning max el	-4133 Aug 29 j 06:39	14°♄35'13	18°42'53
morning rise	-4134 Sep 04 j 04:58	27°♄47'31			-4133 Sep 09 j 11:38	0°♄	
direct	-4134 Sep 07 j 14:27	26°♄40'45		morning set	-4133 Sep 19 j 01:39	15°♄17'13	
	-4134 Sep 14 j 00:18	0°♄			-4133 Sep 28 j 07:18	0°♄	
morning max el	-4134 Sep 14 j 21:08	0°♄51'06	19°31'24	desc. node	-4133 Oct 03 j 07:50	7°♄55'57	
	-4134 Oct 05 j 09:55	0°♄					
morning set	-4134 Oct 09 j 03:32	5°♄48'18		superior conj	-4133 Oct 04 j 21:41	10°♄25'05	-0°10'00
desc. node	-4134 Oct 16 j 10:53	17°♄13'09		minimum elong	-4133 Oct 04 j 20:23	10°♄19'55	0°09'45
max. Earth dist.	-4134 Oct 22 j 10:17	26°♄38'08	1.44380 AU	behind sun begin	-4133 Oct 04 j 11:07	9°♄43'27	
	-4134 Oct 24 j 13:06	0°♄		behind sun end	-4133 Oct 05 j 05:38	10°♄56'24	
				max. Earth dist.	-4133 Oct 05 j 03:31	10°♄48'04	1.44826 AU
superior conj	-4134 Oct 25 j 20:41	2°♄06'02	-0°57'22		-4133 Oct 17 j 07:05	0°♄	
minimum elong	-4134 Oct 25 j 14:17	1°♄40'29	0°56'36	evening rise	-4133 Oct 20 j 22:09	5°♄46'54	
evening rise	-4134 Nov 09 j 03:51	25°♄29'22			-4133 Nov 05 j 09:24	0°♄	
	-4134 Nov 11 j 20:34	0°♄		evening max el	-4133 Nov 11 j 15:53	7°♄58'25	18°59'14
evening max el	-4134 Nov 28 j 05:00	24°♄33'00	18°25'20				

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4133 Nov 17 j 17:14	11° \mathbb{M} 50'00		evening rise	-4132 Sep 29 j 16:20	15° \mathbb{M} 02'52	
retrograde	-4133 Nov 18 j 13:26	11° \mathbb{M} 54'00			-4132 Oct 09 j 09:06	0° \mathbb{A}	
evening set	-4133 Nov 21 j 17:31	10° \mathbb{M} 56'08		greatest brilliancy	-4132 Oct 12 j 10:39	4° \mathbb{A} 38'28	-0.7m
inferior conj	-4133 Nov 27 j 11:32	5° \mathbb{M} 09'16	2°55'52	evening max el	-4132 Oct 24 j 22:46	21° \mathbb{A} 25'34	19°49'21
minimum elong	-4133 Nov 27 j 08:22	5° \mathbb{M} 19'04	2°54'52	retrograde	-4132 Nov 01 j 10:14	25° \mathbb{A} 47'05	
min. Earth dist.	-4133 Nov 29 j 00:24	3° \mathbb{M} 14'50	0.65450 AU	asc. node	-4132 Nov 03 j 14:20	25° \mathbb{A} 19'43	
	-4133 Dec 01 j 21:23	30° \mathbb{R} \mathbb{A}		evening set	-4132 Nov 04 j 22:23	24° \mathbb{A} 35'22	
morning rise	-4133 Dec 02 j 22:52	29° \mathbb{A} 00'15		inferior conj	-4132 Nov 10 j 11:17	18° \mathbb{A} 35'35	2°12'12
direct	-4133 Dec 09 j 11:31	26° \mathbb{A} 11'19		minimum elong	-4132 Nov 10 j 08:35	18° \mathbb{A} 44'29	2°11'12
	-4133 Dec 18 j 05:52	0° \mathbb{M}		min. Earth dist.	-4132 Nov 11 j 11:09	17° \mathbb{A} 17'03	0.66419 AU
morning max el	-4133 Dec 22 j 09:34	3° \mathbb{M} 43'05	26°38'31	morning rise	-4132 Nov 15 j 18:33	12° \mathbb{A} 22'12	
desc. node	-4133 Dec 30 j 07:41	12° \mathbb{M} 47'30		direct	-4132 Nov 21 j 17:37	9° \mathbb{A} 45'33	
	-4132 Jan 11 j 10:51	0° \mathbb{A}		morning max el	-4132 Dec 03 j 18:34	16° \mathbb{A} 53'21	25°28'40
morning set	-4132 Jan 27 j 08:15	27° \mathbb{A} 22'00			-4132 Dec 14 j 17:56	0° \mathbb{M}	
	-4132 Jan 28 j 17:17	0° \mathbb{B}		desc. node	-4132 Dec 16 j 04:42	1° \mathbb{M} 58'02	
max. Earth dist.	-4132 Jan 31 j 15:17	5° \mathbb{B} 42'57	1.34804 AU		-4131 Jan 03 j 09:23	0° \mathbb{A}	
				morning set	-4131 Jan 09 j 00:35	9° \mathbb{A} 54'15	
superior conj	-4132 Feb 04 j 22:20	14° \mathbb{B} 26'08	-1°20'13	max. Earth dist.	-4131 Jan 12 j 19:20	16° \mathbb{A} 54'00	1.36407 AU
minimum elong	-4132 Feb 05 j 01:24	14° \mathbb{B} 41'56	1°19'57				
evening rise	-4132 Feb 12 j 11:54	0° \mathbb{A} 13'04		superior conj	-4131 Jan 18 j 14:58	28° \mathbb{A} 11'56	-1°38'33
	-4132 Feb 12 j 09:23	0° \mathbb{A}		minimum elong	-4131 Jan 18 j 17:57	28° \mathbb{A} 26'48	1°38'27
asc. node	-4132 Feb 13 j 16:23	2° \mathbb{A} 39'22			-4131 Jan 19 j 12:36	0° \mathbb{B}	
	-4132 Mar 01 j 12:09	0° \mathbb{H}		evening rise	-4131 Jan 26 j 16:48	14° \mathbb{B} 33'39	
evening max el	-4132 Mar 02 j 21:50	1° \mathbb{H} 24'43	21°02'10	asc. node	-4131 Jan 30 j 13:24	22° \mathbb{B} 13'09	
retrograde	-4132 Mar 14 j 10:24	6° \mathbb{H} 54'39			-4131 Feb 03 j 19:04	0° \mathbb{A}	
evening set	-4132 Mar 16 j 20:13	6° \mathbb{H} 41'08		evening max el	-4131 Feb 13 j 08:37	13° \mathbb{A} 02'11	19°49'29
inferior conj	-4132 Mar 26 j 00:51	2° \mathbb{H} 42'54	0°20'37	retrograde	-4131 Feb 23 j 04:19	17° \mathbb{A} 41'31	
minimum elong	-4132 Mar 26 j 01:48	2° \mathbb{H} 41'33	0°20'12	evening set	-4131 Feb 25 j 12:00	17° \mathbb{A} 27'07	
min. Earth dist.	-4132 Mar 26 j 20:18	2° \mathbb{H} 15'13	0.55206 AU	inferior conj	-4131 Mar 06 j 02:34	13° \mathbb{A} 25'12	2°07'05
desc. node	-4132 Mar 27 j 06:38	2° \mathbb{H} 00'33		minimum elong	-4131 Mar 06 j 07:16	13° \mathbb{A} 17'54	2°05'33
	-4132 Mar 31 j 02:57	30° \mathbb{R} \mathbb{A}		min. Earth dist.	-4131 Mar 08 j 10:38	11° \mathbb{A} 58'22	0.55961 AU
morning rise	-4132 Apr 04 j 06:44	28° \mathbb{A} 33'06		desc. node	-4131 Mar 14 j 03:47	9° \mathbb{A} 05'49	
direct	-4132 Apr 07 j 09:21	28° \mathbb{A} 11'59		morning rise	-4131 Mar 15 j 00:12	8° \mathbb{A} 48'59	
	-4132 Apr 14 j 06:52	0° \mathbb{H}		direct	-4131 Mar 19 j 03:54	8° \mathbb{A} 10'36	
morning max el	-4132 Apr 20 j 08:36	4° \mathbb{H} 27'48	22°32'33	morning max el	-4131 Apr 02 j 01:02	15° \mathbb{A} 07'49	24°11'32
	-4132 May 07 j 17:54	0° \mathbb{Y}			-4131 Apr 13 j 18:14	0° \mathbb{H}	
asc. node	-4132 May 11 j 16:00	7° \mathbb{Y} 52'03		morning set	-4131 Apr 26 j 19:52	24° \mathbb{H} 15'40	
morning set	-4132 May 12 j 07:47	9° \mathbb{Y} 14'01		asc. node	-4131 Apr 28 j 13:00	27° \mathbb{H} 53'24	
					-4131 Apr 29 j 12:39	0° \mathbb{Y}	
superior conj	-4132 May 19 j 13:14	24° \mathbb{Y} 32'54	1°13'34				
minimum elong	-4132 May 19 j 10:37	24° \mathbb{Y} 19'00	1°13'14	superior conj	-4131 May 03 j 21:11	9° \mathbb{Y} 24'33	0°52'56
	-4132 May 22 j 03:37	0° \mathbb{B}		minimum elong	-4131 May 03 j 19:04	9° \mathbb{Y} 13'04	0°52'34
max. Earth dist.	-4132 May 22 j 10:20	0° \mathbb{B} 34'47	1.34268 AU	max. Earth dist.	-4131 May 05 j 14:54	13° \mathbb{Y} 08'41	1.33360 AU
evening rise	-4132 May 27 j 09:51	10° \mathbb{B} 37'35		evening rise	-4131 May 11 j 06:47	24° \mathbb{Y} 56'56	
	-4132 Jun 07 j 01:15	0° \mathbb{II}			-4131 May 13 j 19:53	0° \mathbb{B}	
desc. node	-4132 Jun 23 j 05:19	23° \mathbb{II} 50'30			-4131 May 31 j 14:00	0° \mathbb{II}	
	-4132 Jun 28 j 12:23	0° \mathbb{B}		desc. node	-4131 Jun 10 j 02:23	12° \mathbb{II} 06'33	
evening max el	-4132 Jun 30 j 23:15	2° \mathbb{B} 29'40	27°12'32	evening max el	-4131 Jun 13 j 09:19	15° \mathbb{II} 30'07	27°25'17
retrograde	-4132 Jul 14 j 08:44	9° \mathbb{B} 53'02		retrograde	-4131 Jun 27 j 02:54	22° \mathbb{II} 53'51	
evening set	-4132 Jul 21 j 08:39	7° \mathbb{B} 05'42		evening set	-4131 Jul 04 j 06:37	20° \mathbb{II} 17'44	
min. Earth dist.	-4132 Jul 25 j 02:42	3° \mathbb{B} 28'03	0.64795 AU	min. Earth dist.	-4131 Jul 07 j 20:50	17° \mathbb{II} 11'49	0.63227 AU
inferior conj	-4132 Jul 27 j 06:22	1° \mathbb{B} 03'36	-3°18'12	inferior conj	-4131 Jul 10 j 14:19	14° \mathbb{II} 27'08	-3°53'26
minimum elong	-4132 Jul 27 j 10:07	0° \mathbb{B} 53'04	3°17'02	minimum elong	-4131 Jul 10 j 17:39	14° \mathbb{II} 18'45	3°52'41
	-4132 Jul 28 j 05:18	30° \mathbb{R} \mathbb{II}		morning rise	-4131 Jul 17 j 05:37	9° \mathbb{II} 13'30	
morning rise	-4132 Aug 02 j 12:08	25° \mathbb{II} 31'53		direct	-4131 Jul 19 j 21:08	8° \mathbb{II} 39'54	
direct	-4132 Aug 05 j 07:25	24° \mathbb{II} 50'02		asc. node	-4131 Jul 25 j 12:30	11° \mathbb{II} 11'55	
asc. node	-4132 Aug 07 j 15:26	25° \mathbb{II} 18'51		morning max el	-4131 Jul 26 j 10:55	12° \mathbb{II} 04'03	17°57'01
morning max el	-4132 Aug 11 j 20:05	28° \mathbb{II} 21'14	18°11'02		-4131 Aug 07 j 14:36	0° \mathbb{B}	
	-4132 Aug 13 j 08:19	0° \mathbb{B}		morning set	-4131 Aug 12 j 05:08	8° \mathbb{B} 03'19	
morning set	-4132 Aug 30 j 03:10	26° \mathbb{B} 05'16					
	-4132 Sep 01 j 11:25	0° \mathbb{Q}		superior conj	-4131 Aug 24 j 04:50	28° \mathbb{B} 38'24	1°15'52
				minimum elong	-4131 Aug 24 j 10:35	29° \mathbb{B} 02'20	1°15'26
superior conj	-4132 Sep 13 j 02:06	18° \mathbb{Q} 58'13	0°38'11		-4131 Aug 25 j 00:28	0° \mathbb{Q}	
minimum elong	-4132 Sep 13 j 06:29	19° \mathbb{Q} 15'48	0°37'45	max. Earth dist.	-4131 Aug 30 j 12:29	8° \mathbb{Q} 59'35	1.43580 AU
max. Earth dist.	-4132 Sep 16 j 21:11	25° \mathbb{Q} 00'53	1.44545 AU	desc. node	-4131 Sep 06 j 01:41	19° \mathbb{Q} 23'42	
desc. node	-4132 Sep 19 j 04:46	28° \mathbb{Q} 40'29		evening rise	-4131 Sep 08 j 20:46	23° \mathbb{Q} 44'55	
	-4132 Sep 20 j 00:59	0° \mathbb{M}			-4131 Sep 12 j 22:18	0° \mathbb{M}	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4131 Oct 03 j 18:25	0°♌		desc. node	-4130 Aug 23 j 22:39	10°♌02'38	
evening max el	-4131 Oct 07 j 23:55	4°♌51'49	20°53'21		-4130 Sep 06 j 09:08	0°♍	
retrograde	-4131 Oct 16 j 07:15	9°♌46'25		evening max el	-4130 Sep 20 j 18:49	18°♍17'12	22°07'52
evening set	-4131 Oct 20 j 05:43	8°♌18'09		retrograde	-4130 Sep 30 j 02:53	23°♍50'02	
asc. node	-4131 Oct 21 j 11:27	7°♌13'51		evening set	-4130 Oct 04 j 13:42	22°♍03'07	
inferior conj	-4131 Oct 25 j 15:11	2°♌08'39	1°23'20	asc. node	-4130 Oct 08 j 08:33	17°♍52'33	
minimum elong	-4131 Oct 25 j 13:21	2°♌14'55	1°22'37	inferior conj	-4130 Oct 09 j 21:19	15°♍47'14	0°31'22
min. Earth dist.	-4131 Oct 26 j 03:28	1°♌26'45	0.67053 AU	minimum elong	-4130 Oct 09 j 20:36	15°♍49'44	0°31'07
	-4131 Oct 27 j 05:18	30°♎		min. Earth dist.	-4130 Oct 09 j 23:03	15°♍41'15	0.67374 AU
morning rise	-4131 Oct 30 j 20:49	25°♎53'21		morning rise	-4130 Oct 15 j 03:23	9°♎32'41	
direct	-4131 Nov 05 j 04:38	23°♎35'38		direct	-4130 Oct 19 j 20:08	7°♎36'26	
morning max el	-4131 Nov 16 j 03:14	0°♏07'12	24°05'48	morning max el	-4130 Oct 29 j 14:11	13°♎25'04	22°39'25
	-4131 Nov 16 j 00:22	0°♏			-4130 Nov 11 j 20:08	0°♏	
desc. node	-4131 Dec 03 j 01:38	21°♏40'34		desc. node	-4130 Nov 19 j 22:34	11°♏46'12	
	-4131 Dec 08 j 15:59	0°♐			-4130 Dec 01 j 14:52	0°♐	
morning set	-4131 Dec 21 j 18:52	21°♐16'24		morning set	-4130 Dec 02 j 09:39	1°♐16'35	
max. Earth dist.	-4131 Dec 25 j 16:10	28°♐05'31	1.38356 AU	max. Earth dist.	-4130 Dec 07 j 13:17	9°♐52'00	1.40426 AU
	-4131 Dec 26 j 17:40	0°♑					
superior conj	-4130 Jan 01 j 19:33	11°♑16'45	-1°50'55	superior conj	-4130 Dec 15 j 07:23	23°♐28'31	-1°54'17
minimum elong	-4130 Jan 01 j 21:24	11°♑25'35	1°51'01	minimum elong	-4130 Dec 15 j 06:42	23°♐25'27	1°54'25
evening rise	-4130 Jan 10 j 15:08	28°♑28'28			-4130 Dec 18 j 20:50	0°♑	
	-4130 Jan 11 j 09:48	0°♒		evening rise	-4130 Dec 25 j 04:06	11°♑50'55	
asc. node	-4130 Jan 17 j 10:27	11°♒22'25		asc. node	-4129 Jan 04 j 07:29	29°♑59'16	
evening max el	-4130 Jan 27 j 05:24	25°♒13'55	18°55'41		-4129 Jan 04 j 07:41	0°♒	
retrograde	-4130 Feb 04 j 13:53	29°♒14'47		evening max el	-4129 Jan 10 j 10:13	7°♒54'40	18°22'00
evening set	-4130 Feb 07 j 00:06	28°♒55'53		retrograde	-4129 Jan 17 j 18:05	11°♒32'17	
inferior conj	-4130 Feb 14 j 21:21	24°♒38'00	3°20'29	evening set	-4129 Jan 20 j 07:14	11°♒07'10	
minimum elong	-4130 Feb 15 j 01:47	24°♒30'02	3°19'27	inferior conj	-4129 Jan 27 j 12:39	6°♒28'43	3°56'40
min. Earth dist.	-4130 Feb 18 j 02:04	22°♒21'30	0.57452 AU	minimum elong	-4129 Jan 27 j 14:29	6°♒24'53	3°56'20
morning rise	-4130 Feb 23 j 00:56	19°♒32'18		min. Earth dist.	-4129 Jan 30 j 21:26	3°♒41'18	0.59361 AU
direct	-4130 Feb 28 j 10:28	18°♒22'41		morning rise	-4129 Feb 03 j 19:43	0°♒59'27	
desc. node	-4130 Mar 01 j 00:54	18°♒23'34			-4129 Feb 05 j 22:18	30°♒♑	
morning max el	-4130 Mar 14 j 16:05	25°♒44'49	25°44'32	direct	-4129 Feb 10 j 05:36	29°♑10'42	
	-4130 Mar 18 j 15:51	0°♓			-4129 Feb 14 j 15:39	0°♒	
	-4130 Apr 06 j 17:57	0°♈		desc. node	-4129 Feb 15 j 22:00	0°♒31'11	
morning set	-4130 Apr 11 j 07:50	9°♈17'33		morning max el	-4129 Feb 24 j 11:23	6°♒46'24	26°56'23
asc. node	-4130 Apr 15 j 09:58	18°♈02'52			-4129 Mar 13 j 20:36	0°♓	
				morning set	-4129 Mar 26 j 18:01	24°♓13'23	
superior conj	-4130 Apr 18 j 07:54	24°♈24'10	0°29'58		-4129 Mar 29 j 11:33	0°♈	
minimum elong	-4130 Apr 18 j 06:37	24°♈17'09	0°29'40	asc. node	-4129 Apr 02 j 06:57	8°♈16'14	
max. Earth dist.	-4130 Apr 19 j 01:45	26°♈01'29	1.32800 AU				
	-4130 Apr 20 j 21:42	0°♉		superior conj	-4129 Apr 02 j 19:38	9°♈25'39	0°05'32
evening rise	-4130 Apr 25 j 10:46	9°♉37'16		minimum elong	-4129 Apr 02 j 19:23	9°♈24'19	0°05'24
	-4130 May 06 j 04:15	0°♊		behind sun begin	-4129 Apr 02 j 14:40	8°♈58'28	
evening max el	-4130 May 26 j 15:24	27°♊56'23	27°05'47	behind sun end	-4129 Apr 03 j 00:07	9°♈50'10	
desc. node	-4130 May 27 j 23:31	29°♊10'30		max. Earth dist.	-4129 Apr 02 j 15:09	9°♈01'07	1.32575 AU
	-4130 May 28 j 22:26	0°♋		evening rise	-4129 Apr 09 j 19:18	24°♈30'02	
retrograde	-4130 Jun 09 j 14:15	5°♋18'12			-4129 Apr 12 j 11:31	0°♉	
evening set	-4130 Jun 16 j 12:17	3°♋07'03			-4129 Apr 30 j 06:26	0°♋	
min. Earth dist.	-4130 Jun 20 j 04:51	0°♋21'23	0.61340 AU	evening max el	-4129 May 08 j 15:23	9°♋40'29	26°14'05
	-4130 Jun 20 j 14:49	30°♌		desc. node	-4129 May 14 j 20:40	14°♋32'35	
inferior conj	-4130 Jun 23 j 09:51	27°♋30'51	-4°14'54	retrograde	-4129 May 22 j 17:29	16°♋58'31	
minimum elong	-4130 Jun 23 j 11:29	27°♋27'14	4°14'38	evening set	-4129 May 28 j 21:46	15°♋23'29	
morning rise	-4130 Jun 30 j 12:15	22°♋38'04		min. Earth dist.	-4129 Jun 02 j 04:13	12°♋41'21	0.59296 AU
direct	-4130 Jul 03 j 01:40	22°♋10'51		inferior conj	-4129 Jun 05 j 13:18	10°♋05'19	-4°14'58
morning max el	-4130 Jul 10 j 00:28	25°♋37'41	18°01'43	minimum elong	-4129 Jun 05 j 11:51	10°♋08'08	4°14'48
asc. node	-4130 Jul 12 j 09:32	28°♋15'36		morning rise	-4129 Jun 13 j 04:24	5°♋34'26	
	-4130 Jul 13 j 17:35	0°♌		direct	-4129 Jun 15 j 16:35	5°♋12'29	
morning set	-4130 Jul 26 j 02:07	20°♌56'29		morning max el	-4129 Jun 23 j 09:51	8°♋53'45	18°25'56
	-4130 Jul 31 j 00:56	0°♍		asc. node	-4129 Jun 29 j 06:34	16°♋14'27	
					-4129 Jul 07 j 03:59	0°♌	
superior conj	-4130 Aug 05 j 11:22	9°♍41'44	1°38'55	morning set	-4129 Jul 09 j 13:02	4°♌31'17	
minimum elong	-4130 Aug 05 j 15:06	9°♍58'03	1°38'51				
max. Earth dist.	-4130 Aug 12 j 22:45	22°♍26'31	1.42057 AU	superior conj	-4129 Jul 18 j 17:55	21°♌57'13	1°48'32
	-4130 Aug 17 j 13:46	0°♎		minimum elong	-4129 Jul 18 j 18:54	22°♌01'45	1°48'42
evening rise	-4130 Aug 19 j 06:58	2°♎44'46			-4129 Jul 23 j 04:32	0°♍	
				max. Earth dist.	-4129 Jul 26 j 02:51	5°♍08'13	1.40191 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening rise	-4129 Jul 30 j 14:58	12° $\overline{5}$ 46'45			-4128 Jul 14 j 11:41	0° $\overline{5}$	
	-4129 Aug 10 j 10:58	0° Ω		desc. node	-4128 Jul 27 j 16:40	20° $\overline{5}$ 49'55	
desc. node	-4129 Aug 10 j 19:39	0° Ω 32'58			-4128 Aug 03 j 04:05	0° Ω	
	-4129 Sep 01 j 17:02	0° $\overline{\Pi}$		evening max el	-4128 Aug 15 j 19:37	15° Ω 11'41	24°47'41
evening max el	-4129 Sep 03 j 08:30	1° $\overline{\Pi}$ 42'46	23°28'13	retrograde	-4128 Aug 27 j 08:40	21° Ω 56'01	
retrograde	-4129 Sep 13 j 19:42	7° $\overline{\Pi}$ 54'22		evening set	-4128 Sep 02 j 00:27	19° Ω 30'56	
evening set	-4129 Sep 18 j 20:32	5° $\overline{\Pi}$ 47'52		min. Earth dist.	-4128 Sep 06 j 14:12	14° Ω 16'14	0.67113 AU
	-4129 Sep 23 j 18:54	30° $\overline{\mathbb{R}}$ Ω		inferior conj	-4128 Sep 07 j 09:14	13° Ω 12'55	-1°15'11
inferior conj	-4129 Sep 24 j 03:54	29° Ω 29'09	-0°22'01	minimum elong	-4128 Sep 07 j 10:59	13° Ω 07'06	1°14'20
minimum elong	-4129 Sep 24 j 04:25	29° Ω 27'24	0°21'42	asc. node	-4128 Sep 11 j 02:47	8° Ω 40'45	
min. Earth dist.	-4129 Sep 23 j 19:27	29° Ω 58'09	0.67395 AU	morning rise	-4128 Sep 12 j 21:30	7° Ω 08'48	
asc. node	-4129 Sep 25 j 05:40	28° Ω 01'34		direct	-4128 Sep 16 j 12:47	5° Ω 52'23	
morning rise	-4129 Sep 29 j 12:13	23° Ω 18'15		morning max el	-4128 Sep 24 j 05:29	10° Ω 20'40	20°06'12
direct	-4129 Oct 03 j 15:14	21° Ω 43'00			-4128 Oct 08 j 21:07	0° $\overline{\Pi}$	
morning max el	-4129 Oct 12 j 06:20	26° Ω 48'47	21°17'37	morning set	-4128 Oct 20 j 19:29	18° $\overline{\Pi}$ 12'40	
	-4129 Oct 15 j 03:36	0° $\overline{\Pi}$		desc. node	-4128 Oct 23 j 16:25	22° $\overline{\Pi}$ 40'35	
	-4129 Nov 05 j 10:05	0° $\underline{\Omega}$			-4128 Oct 28 j 08:26	0° $\underline{\Omega}$	
desc. node	-4129 Nov 06 j 19:30	2° $\underline{\Omega}$ 07'51		max. Earth dist.	-4128 Nov 01 j 02:05	5° $\underline{\Omega}$ 56'05	1.43805 AU
morning set	-4129 Nov 11 j 21:12	10° $\underline{\Omega}$ 00'32					
max. Earth dist.	-4129 Nov 19 j 15:58	22° $\underline{\Omega}$ 29'22	1.42329 AU	superior conj	-4128 Nov 06 j 07:17	14° $\underline{\Omega}$ 21'31	-1°19'30
	-4129 Nov 24 j 04:28	0° $\overline{\mathbb{M}}$		minimum elong	-4128 Nov 06 j 00:23	13° $\underline{\Omega}$ 53'24	1°18'51
					-4128 Nov 15 j 16:31	0° $\overline{\mathbb{M}}$	
superior conj	-4129 Nov 26 j 20:50	4° $\overline{\mathbb{M}}$ 33'23	-1°44'56	evening rise	-4128 Nov 19 j 10:40	6° $\overline{\mathbb{M}}$ 25'36	
minimum elong	-4129 Nov 26 j 16:31	4° $\overline{\mathbb{M}}$ 14'55	1°44'45		-4128 Dec 03 j 20:47	0° $\overline{\mathbb{X}}$	
evening rise	-4129 Dec 08 j 04:04	24° $\overline{\mathbb{M}}$ 32'54		evening max el	-4128 Dec 07 j 08:57	4° $\overline{\mathbb{X}}$ 12'32	18°13'51
	-4129 Dec 11 j 04:32	0° $\overline{\mathbb{X}}$		asc. node	-4128 Dec 08 j 01:40	4° $\overline{\mathbb{X}}$ 53'04	
asc. node	-4129 Dec 22 j 04:33	17° $\overline{\mathbb{X}}$ 53'41		retrograde	-4128 Dec 13 j 22:00	7° $\overline{\mathbb{X}}$ 43'32	
evening max el	-4129 Dec 24 j 20:21	20° $\overline{\mathbb{X}}$ 56'45	18°08'19	evening set	-4128 Dec 16 j 17:41	7° $\overline{\mathbb{X}}$ 02'28	
retrograde	-4129 Dec 31 j 14:12	24° $\overline{\mathbb{X}}$ 25'06		inferior conj	-4128 Dec 22 j 23:33	1° $\overline{\mathbb{X}}$ 42'22	3°47'27
evening set	-4128 Jan 03 j 06:18	23° $\overline{\mathbb{X}}$ 52'38		minimum elong	-4128 Dec 22 j 21:04	1° $\overline{\mathbb{X}}$ 49'06	3°46'56
inferior conj	-4128 Jan 09 j 22:36	18° $\overline{\mathbb{X}}$ 52'50	4°02'45		-4128 Dec 24 j 13:20	30° $\overline{\mathbb{R}}$ $\overline{\mathbb{M}}$	
minimum elong	-4128 Jan 09 j 21:48	18° $\overline{\mathbb{X}}$ 54'47	4°02'32	min. Earth dist.	-4128 Dec 25 j 11:19	29° $\overline{\mathbb{M}}$ 01'37	0.63202 AU
min. Earth dist.	-4128 Jan 12 j 23:49	15° $\overline{\mathbb{X}}$ 58'14	0.61361 AU	morning rise	-4128 Dec 28 j 23:44	25° $\overline{\mathbb{M}}$ 45'50	
morning rise	-4128 Jan 16 j 12:01	13° $\overline{\mathbb{X}}$ 07'34		direct	-4127 Jan 05 j 01:14	23° $\overline{\mathbb{M}}$ 00'44	
direct	-4128 Jan 23 j 11:20	10° $\overline{\mathbb{X}}$ 43'55			-4127 Jan 18 j 01:00	0° $\overline{\mathbb{X}}$	
desc. node	-4128 Feb 02 j 19:05	15° $\overline{\mathbb{X}}$ 07'52		morning max el	-4127 Jan 18 j 19:25	0° $\overline{\mathbb{X}}$ 44'36	27°39'36
morning max el	-4128 Feb 06 j 12:52	18° $\overline{\mathbb{X}}$ 26'29	27°36'06	desc. node	-4127 Jan 19 j 16:09	1° $\overline{\mathbb{X}}$ 36'44	
	-4128 Feb 16 j 07:34	0° $\overline{\mathbb{Z}}$			-4127 Feb 09 j 08:37	0° $\overline{\mathbb{Z}}$	
	-4128 Mar 05 j 12:43	0° \approx		morning set	-4127 Feb 22 j 00:54	23° $\overline{\mathbb{Z}}$ 16'38	
morning set	-4128 Mar 10 j 00:31	8° \approx 56'12			-4127 Feb 25 j 07:50	0° \approx	
max. Earth dist.	-4128 Mar 16 j 03:19	21° \approx 53'59	1.32691 AU	max. Earth dist.	-4127 Feb 27 j 10:23	4° \approx 25'38	1.33183 AU
superior conj	-4128 Mar 17 j 06:47	24° \approx 23'14	-0°19'33	superior conj	-4127 Mar 01 j 15:32	9° \approx 09'33	-0°44'21
minimum elong	-4128 Mar 17 j 07:39	24° \approx 28'02	0°19'28	minimum elong	-4127 Mar 01 j 17:29	9° \approx 20'00	0°44'06
asc. node	-4128 Mar 19 j 03:57	28° \approx 29'32		asc. node	-4127 Mar 06 j 00:58	18° \approx 37'43	
	-4128 Mar 19 j 20:34	0° $\overline{\mathbb{X}}$		evening rise	-4127 Mar 08 j 17:56	24° \approx 23'30	
evening rise	-4128 Mar 24 j 06:19	9° $\overline{\mathbb{X}}$ 28'03			-4127 Mar 11 j 11:05	0° $\overline{\mathbb{X}}$	
	-4128 Apr 03 j 22:48	0° $\overline{\mathbb{Y}}$			-4127 Mar 30 j 13:19	0° $\overline{\mathbb{Y}}$	
evening max el	-4128 Apr 19 j 09:42	20° $\overline{\mathbb{Y}}$ 46'48	24°56'14	evening max el	-4127 Apr 01 j 01:47	1° $\overline{\mathbb{Y}}$ 31'26	23°23'53
desc. node	-4128 Apr 30 j 17:48	27° $\overline{\mathbb{Y}}$ 37'04		retrograde	-4127 Apr 14 j 14:23	8° $\overline{\mathbb{Y}}$ 13'07	
retrograde	-4128 May 03 j 10:25	27° $\overline{\mathbb{Y}}$ 53'59		desc. node	-4127 Apr 17 j 14:58	7° $\overline{\mathbb{Y}}$ 52'57	
evening set	-4128 May 08 j 09:54	26° $\overline{\mathbb{Y}}$ 57'04		evening set	-4127 Apr 18 j 06:05	7° $\overline{\mathbb{Y}}$ 43'52	
min. Earth dist.	-4128 May 13 j 22:00	24° $\overline{\mathbb{Y}}$ 02'19	0.57372 AU	min. Earth dist.	-4127 Apr 25 j 12:51	4° $\overline{\mathbb{Y}}$ 24'58	0.55907 AU
inferior conj	-4128 May 16 j 21:36	22° $\overline{\mathbb{Y}}$ 02'43	-3°43'44	inferior conj	-4127 Apr 27 j 10:06	3° $\overline{\mathbb{Y}}$ 17'53	-2°32'56
minimum elong	-4128 May 16 j 16:47	22° $\overline{\mathbb{Y}}$ 10'50	3°42'50	minimum elong	-4127 Apr 27 j 04:22	3° $\overline{\mathbb{Y}}$ 26'24	2°31'18
morning rise	-4128 May 25 j 02:46	17° $\overline{\mathbb{Y}}$ 51'27			-4127 May 03 j 20:23	30° $\overline{\mathbb{R}}$ $\overline{\mathbb{X}}$	
direct	-4128 May 27 j 14:07	17° $\overline{\mathbb{Y}}$ 33'40		morning rise	-4127 May 06 j 05:17	29° $\overline{\mathbb{X}}$ 19'05	
morning max el	-4128 Jun 05 j 12:14	21° $\overline{\mathbb{Y}}$ 43'32	19°10'17	direct	-4127 May 08 j 17:12	29° $\overline{\mathbb{X}}$ 03'39	
	-4128 Jun 12 j 03:21	0° $\overline{\mathbb{B}}$			-4127 May 13 j 08:14	0° $\overline{\mathbb{Y}}$	
asc. node	-4128 Jun 15 j 03:36	4° $\overline{\mathbb{B}}$ 56'13		morning max el	-4127 May 19 j 04:54	3° $\overline{\mathbb{Y}}$ 56'26	20°14'58
morning set	-4128 Jun 22 j 10:04	18° $\overline{\mathbb{B}}$ 38'40		asc. node	-4127 Jun 02 j 00:38	24° $\overline{\mathbb{Y}}$ 09'46	
	-4128 Jun 28 j 03:27	0° $\overline{\mathbb{H}}$			-4127 Jun 05 j 00:25	0° $\overline{\mathbb{B}}$	
				morning set	-4127 Jun 06 j 14:07	3° $\overline{\mathbb{B}}$ 09'52	
superior conj	-4128 Jun 30 j 18:46	5° $\overline{\mathbb{H}}$ 09'15	1°47'31				
minimum elong	-4128 Jun 30 j 17:38	5° $\overline{\mathbb{H}}$ 03'47	1°47'39	superior conj	-4127 Jun 14 j 08:46	19° $\overline{\mathbb{B}}$ 02'42	1°38'37
max. Earth dist.	-4128 Jul 07 j 04:16	17° $\overline{\mathbb{H}}$ 10'49	1.38249 AU	minimum elong	-4127 Jun 14 j 06:27	18° $\overline{\mathbb{B}}$ 51'00	1°38'34
evening rise	-4128 Jul 11 j 01:22	24° $\overline{\mathbb{H}}$ 06'23		max. Earth dist.	-4127 Jun 19 j 09:24	28° $\overline{\mathbb{B}}$ 57'31	1.36457 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4127 Jun 19 j 22:26	0°♂		evening rise	-4126 Jun 06 j 13:23	19°♂56'57	
evening rise	-4127 Jun 23 j 10:37	6°♂34'41			-4126 Jun 11 j 23:39	0°♂	
	-4127 Jul 07 j 06:54	0°♂		desc. node	-4126 Jul 01 j 10:48	0°♂15'18	
desc. node	-4127 Jul 14 j 13:44	10°♂46'58			-4126 Jul 01 j 06:10	0°♂	
evening max el	-4127 Jul 29 j 06:30	28°♂43'11	25°58'24	evening max el	-4126 Jul 11 j 17:47	12°♂10'37	26°52'09
	-4127 Jul 30 j 14:58	0°♂		retrograde	-4126 Jul 24 j 20:09	19°♂30'18	
retrograde	-4127 Aug 10 j 16:58	5°♂50'11		evening set	-4126 Jul 31 j 15:08	16°♂42'24	
evening set	-4127 Aug 16 j 23:27	3°♂10'08		min. Earth dist.	-4126 Aug 04 j 12:50	12°♂43'56	0.65530 AU
	-4127 Aug 20 j 00:25	30°♂		inferior conj	-4126 Aug 06 j 08:35	10°♂35'20	-2°53'47
min. Earth dist.	-4127 Aug 21 j 04:48	28°♂33'06	0.66502 AU	minimum elong	-4126 Aug 06 j 12:10	10°♂24'45	2°52'30
inferior conj	-4127 Aug 22 j 11:29	26°♂56'08	-2°06'26	morning rise	-4126 Aug 12 j 09:34	4°♂54'50	
minimum elong	-4127 Aug 22 j 14:19	26°♂47'09	2°05'14	direct	-4126 Aug 15 j 08:04	4°♂07'00	
morning rise	-4127 Aug 28 j 05:19	21°♂02'11		asc. node	-4126 Aug 15 j 21:01	4°♂08'36	
asc. node	-4127 Aug 28 j 23:54	20°♂36'42		morning max el	-4126 Aug 21 j 23:05	7°♂45'36	18°27'16
direct	-4127 Aug 31 j 11:05	20°♂01'37			-4126 Sep 06 j 05:58	0°♂	
morning max el	-4127 Sep 07 j 11:37	24°♂00'38	19°08'47	morning set	-4126 Sep 10 j 13:40	7°♂03'02	
	-4127 Sep 12 j 10:23	0°♂			-4126 Sep 24 j 20:31	0°♂	
morning set	-4127 Sep 30 j 04:00	27°♂00'45					
	-4127 Oct 02 j 01:37	0°♂		superior conj	-4126 Sep 25 j 15:58	1°♂16'55	0°11'11
desc. node	-4127 Oct 10 j 13:21	13°♂20'34		minimum elong	-4126 Sep 25 j 17:25	1°♂22'40	0°11'06
max. Earth dist.	-4127 Oct 14 j 18:09	19°♂57'41	1.44658 AU	behind sun begin	-4126 Sep 25 j 09:04	0°♂49'38	
				behind sun end	-4126 Sep 26 j 01:46	1°♂55'40	
superior conj	-4127 Oct 16 j 16:36	23°♂01'17	-0°38'14	desc. node	-4126 Sep 27 j 10:17	4°♂03'59	
minimum elong	-4127 Oct 16 j 11:49	22°♂42'24	0°37'36	max. Earth dist.	-4126 Sep 27 j 12:27	4°♂12'34	1.44792 AU
	-4127 Oct 21 j 01:57	0°♂		evening rise	-4126 Oct 12 j 02:47	27°♂09'50	
evening rise	-4127 Oct 31 j 19:15	17°♂20'05			-4126 Oct 13 j 22:03	0°♂	
	-4127 Nov 08 j 13:03	0°♂		greatest brilliancy	-4126 Oct 22 j 00:59	12°♂43'16	-0.8m
evening max el	-4127 Nov 20 j 21:14	17°♂36'03	18°37'42		-4126 Nov 03 j 07:38	0°♂	
asc. node	-4127 Nov 24 j 22:46	20°♂42'43		evening max el	-4126 Nov 04 j 06:35	1°♂01'48	19°18'40
retrograde	-4127 Nov 27 j 13:31	21°♂19'55		retrograde	-4126 Nov 11 j 09:14	5°♂07'36	
evening set	-4127 Nov 30 j 14:05	20°♂28'40		asc. node	-4126 Nov 11 j 19:53	5°♂06'28	
inferior conj	-4127 Dec 06 j 11:48	14°♂50'33	3°17'40	evening set	-4126 Nov 14 j 16:31	4°♂04'01	
minimum elong	-4127 Dec 06 j 08:39	14°♂59'54	3°16'49		-4126 Nov 18 j 21:20	30°♂	
min. Earth dist.	-4127 Dec 08 j 08:42	12°♂37'21	0.64731 AU	inferior conj	-4126 Nov 20 j 08:06	28°♂10'58	2°38'07
morning rise	-4127 Dec 12 j 02:51	8°♂45'32		minimum elong	-4126 Nov 20 j 05:04	28°♂20'38	2°37'05
direct	-4127 Dec 18 j 21:51	5°♂54'25		min. Earth dist.	-4126 Nov 21 j 15:09	26°♂31'53	0.65901 AU
morning max el	-4126 Jan 01 j 04:45	13°♂32'51	27°09'08	morning rise	-4126 Nov 25 j 17:23	21°♂59'49	
desc. node	-4126 Jan 06 j 13:10	19°♂25'59		direct	-4126 Dec 02 j 00:27	19°♂15'21	
	-4126 Jan 14 j 14:11	0°♂		morning max el	-4126 Dec 14 j 14:25	26°♂38'21	26°11'09
	-4126 Feb 01 j 22:31	0°♂			-4126 Dec 17 j 18:09	0°♂	
morning set	-4126 Feb 05 j 16:13	7°♂05'10		desc. node	-4126 Dec 24 j 10:10	8°♂11'18	
max. Earth dist.	-4126 Feb 10 j 08:40	16°♂25'50	1.34092 AU		-4125 Jan 08 j 04:35	0°♂	
				morning set	-4125 Jan 19 j 18:23	20°♂09'09	
superior conj	-4126 Feb 13 j 20:00	23°♂38'17	-1°07'49	max. Earth dist.	-4125 Jan 23 j 19:31	27°♂51'51	1.35440 AU
minimum elong	-4126 Feb 13 j 22:47	23°♂52'53	1°07'31		-4125 Jan 24 j 21:41	0°♂	
	-4126 Feb 16 j 20:12	0°♂					
asc. node	-4126 Feb 20 j 21:59	8°♂36'32		superior conj	-4125 Jan 28 j 17:45	7°♂41'34	-1°28'33
evening rise	-4126 Feb 21 j 04:28	9°♂10'22		minimum elong	-4125 Jan 28 j 20:53	7°♂57'31	1°28'22
	-4126 Mar 04 j 06:36	0°♂		evening rise	-4125 Feb 05 j 11:59	23°♂41'58	
evening max el	-4126 Mar 13 j 21:29	12°♂20'24	21°50'59	asc. node	-4125 Feb 07 j 19:00	28°♂20'50	
retrograde	-4126 Mar 26 j 06:59	18°♂19'48			-4125 Feb 08 j 14:58	0°♂	
evening set	-4126 Mar 28 j 23:47	18°♂03'32		evening max el	-4125 Feb 24 j 01:57	23°♂36'20	20°28'59
desc. node	-4126 Apr 04 j 12:06	15°♂33'04		retrograde	-4125 Mar 06 j 21:14	28°♂44'29	
inferior conj	-4126 Apr 07 j 08:11	13°♂59'25	-0°47'00	evening set	-4125 Mar 09 j 05:01	28°♂31'12	
minimum elong	-4126 Apr 07 j 06:00	14°♂02'29	0°46'19	inferior conj	-4125 Mar 18 j 04:27	24°♂32'53	1°08'47
min. Earth dist.	-4126 Apr 07 j 02:43	14°♂07'06	0.55204 AU	minimum elong	-4125 Mar 18 j 07:26	24°♂28'31	1°07'41
morning rise	-4126 Apr 16 j 13:06	9°♂59'19		min. Earth dist.	-4125 Mar 19 j 16:47	23°♂39'42	0.55422 AU
direct	-4126 Apr 19 j 07:12	9°♂42'26		desc. node	-4125 Mar 22 j 09:13	22°♂10'36	
morning max el	-4126 May 01 j 10:37	15°♂27'22	21°38'17	morning rise	-4125 Mar 27 j 08:25	20°♂13'11	
	-4126 May 12 j 11:52	0°♂		direct	-4125 Mar 30 j 20:10	19°♂46'40	
asc. node	-4126 May 19 j 21:39	13°♂46'57		morning max el	-4125 Apr 13 j 06:52	26°♂21'43	23°14'32
morning set	-4126 May 21 j 22:49	17°♂58'04			-4125 Apr 16 j 17:49	0°♂	
	-4126 May 27 j 16:35	0°♂			-4125 May 05 j 00:02	0°♂	
				morning set	-4125 May 06 j 10:10	2°♂56'54	
superior conj	-4126 May 29 j 08:00	3°♂26'06	1°23'58	asc. node	-4125 May 06 j 18:38	3°♂41'13	
minimum elong	-4126 May 29 j 05:18	3°♂12'03	1°23'42				
max. Earth dist.	-4126 Jun 01 j 23:06	10°♂53'28	1.34965 AU	superior conj	-4125 May 13 j 13:29	18°♂10'14	1°05'10

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4125 May 13 j 11:01	17° Υ 57'05	1°04'48	superior conj	-4124 Apr 26 j 22:51	3° Υ 06'28	0°43'26
max. Earth dist.	-4125 May 15 j 22:33	23° Υ 12'41	1.33835 AU	minimum elong	-4124 Apr 26 j 21:03	2° Υ 56'41	0°43'05
	-4125 May 19 j 05:14	0° \mathcal{B}		max. Earth dist.	-4124 Apr 28 j 06:00	5° Υ 55'05	1.33075 AU
evening rise	-4125 May 21 j 04:49	3° \mathcal{B} 59'14		evening rise	-4124 May 04 j 05:06	18° Υ 28'51	
	-4125 Jun 04 j 17:40	0° Π			-4124 May 10 j 02:27	0° \mathcal{B}	
desc. node	-4125 Jun 18 j 07:53	19° Π 02'56			-4124 May 29 j 05:00	0° Π	
evening max el	-4125 Jun 24 j 04:41	25° Π 24'16	27°21'37	desc. node	-4124 Jun 04 j 05:00	6° Π 51'41	
	-4125 Jun 29 j 19:28	0° \mathcal{E}		evening max el	-4124 Jun 05 j 13:14	8° Π 11'20	27°21'02
retrograde	-4125 Jul 07 j 18:00	2° \mathcal{E} 48'48		retrograde	-4124 Jun 19 j 09:43	15° Π 35'20	
evening set	-4125 Jul 14 j 20:37	0° \mathcal{E} 04'10		evening set	-4124 Jun 26 j 12:11	13° Π 08'03	
	-4125 Jul 14 j 22:45	30° $\mathcal{R}\Pi$		min. Earth dist.	-4124 Jun 30 j 02:17	10° Π 12'27	0.62452 AU
min. Earth dist.	-4125 Jul 18 j 12:22	26° Π 41'22	0.64172 AU	inferior conj	-4124 Jul 03 j 01:15	7° Π 22'53	-4°04'37
inferior conj	-4125 Jul 20 j 22:09	24° Π 06'39	-3°34'29	minimum elong	-4124 Jul 03 j 04:01	7° Π 16'13	4°04'06
minimum elong	-4125 Jul 21 j 01:51	23° Π 56'42	3°33'28	morning rise	-4124 Jul 09 j 21:06	2° Π 17'56	
morning rise	-4125 Jul 27 j 07:50	18° Π 42'37		direct	-4124 Jul 12 j 11:24	1° Π 47'24	
direct	-4125 Jul 30 j 01:14	18° Π 04'38		morning max el	-4124 Jul 19 j 04:12	5° Π 11'46	17°56'40
asc. node	-4125 Aug 02 j 18:05	19° Π 14'17		asc. node	-4124 Jul 19 j 15:08	5° Π 39'21	
morning max el	-4125 Aug 05 j 13:32	21° Π 31'39	18°02'54		-4124 Aug 04 j 02:45	0° \mathcal{E}	
	-4125 Aug 12 j 01:13	0° \mathcal{E}		morning set	-4124 Aug 04 j 12:57	0° \mathcal{E} 45'37	
morning set	-4125 Aug 23 j 02:13	18° \mathcal{E} 22'33					
	-4125 Aug 29 j 23:09	0° \mathcal{O}		superior conj	-4124 Aug 15 j 19:03	20° \mathcal{E} 30'27	1°27'26
				minimum elong	-4124 Aug 16 j 00:11	20° \mathcal{E} 52'15	1°27'09
superior conj	-4125 Sep 05 j 04:23	10° \mathcal{O} 14'39	0°55'53		-4124 Aug 21 j 11:22	0° \mathcal{O}	
minimum elong	-4125 Sep 05 j 09:56	10° \mathcal{O} 37'10	0°55'22	max. Earth dist.	-4124 Aug 22 j 18:08	2° \mathcal{O} 05'49	1.42988 AU
max. Earth dist.	-4125 Sep 10 j 05:23	18° \mathcal{O} 21'16	1.44207 AU	evening rise	-4124 Aug 30 j 17:27	14° \mathcal{O} 48'19	
desc. node	-4125 Sep 14 j 07:13	24° \mathcal{O} 48'19		desc. node	-4124 Aug 31 j 04:11	15° \mathcal{O} 30'12	
	-4125 Sep 17 j 14:51	0° \mathcal{M}			-4124 Sep 09 j 16:13	0° \mathcal{M}	
evening rise	-4125 Sep 21 j 13:09	6° \mathcal{M} 05'58		evening max el	-4124 Sep 30 j 09:30	27° \mathcal{M} 53'29	21°24'05
	-4125 Oct 07 j 08:19	0° \mathcal{L}			-4124 Oct 02 j 15:22	0° \mathcal{L}	
evening max el	-4125 Oct 18 j 11:04	14° \mathcal{L} 27'54	20°15'00	retrograde	-4124 Oct 09 j 03:07	3° \mathcal{L} 04'17	
retrograde	-4125 Oct 26 j 06:28	19° \mathcal{L} 03'13		evening set	-4124 Oct 13 j 06:29	1° \mathcal{L} 28'31	
evening set	-4125 Oct 29 j 22:40	17° \mathcal{L} 44'50			-4124 Oct 14 j 20:58	30° $\mathcal{R}\mathcal{M}$	
asc. node	-4125 Oct 29 j 17:00	17° \mathcal{L} 54'37		asc. node	-4124 Oct 15 j 14:06	29° \mathcal{M} 12'36	
inferior conj	-4125 Nov 04 j 09:53	11° \mathcal{L} 40'18	1°51'58	inferior conj	-4124 Oct 18 j 14:59	25° \mathcal{M} 15'58	1°01'36
minimum elong	-4125 Nov 04 j 07:31	11° \mathcal{L} 48'16	1°51'04	minimum elong	-4124 Oct 18 j 13:36	25° \mathcal{M} 20'44	1°01'02
min. Earth dist.	-4125 Nov 05 j 04:40	10° \mathcal{L} 37'22	0.66723 AU	min. Earth dist.	-4124 Oct 18 j 22:47	24° \mathcal{M} 49'10	0.67224 AU
morning rise	-4125 Nov 09 j 16:09	5° \mathcal{L} 25'31		morning rise	-4124 Oct 23 j 20:32	19° \mathcal{M} 00'26	
direct	-4125 Nov 15 j 08:41	2° \mathcal{L} 56'27		direct	-4124 Oct 28 j 21:53	16° \mathcal{M} 51'28	
morning max el	-4125 Nov 26 j 23:15	9° \mathcal{L} 50'53	24°54'26	morning max el	-4124 Nov 08 j 08:24	23° \mathcal{M} 05'42	23°28'53
desc. node	-4125 Dec 11 j 07:08	27° \mathcal{L} 36'22			-4124 Nov 14 j 09:50	0° \mathcal{L}	
	-4125 Dec 12 j 23:31	0° \mathcal{M}		desc. node	-4124 Nov 27 j 04:05	17° \mathcal{L} 29'41	
	-4125 Dec 31 j 19:50	0° \mathcal{J}			-4124 Dec 05 j 09:09	0° \mathcal{M}	
morning set	-4124 Jan 02 j 02:08	2° \mathcal{J} 13'31		morning set	-4124 Dec 13 j 09:17	13° \mathcal{M} 02'02	
max. Earth dist.	-4124 Jan 05 j 19:35	8° \mathcal{J} 57'56	1.37199 AU	max. Earth dist.	-4124 Dec 17 j 15:02	20° \mathcal{M} 18'18	1.39230 AU
					-4124 Dec 23 j 01:02	0° \mathcal{J}	
superior conj	-4124 Jan 12 j 05:43	21° \mathcal{J} 10'44	-1°44'42				
minimum elong	-4124 Jan 12 j 08:23	21° \mathcal{J} 23'44	1°44'42	superior conj	-4124 Dec 25 j 03:52	3° \mathcal{J} 54'57	-1°53'40
	-4124 Jan 16 j 16:23	0° \mathcal{Z}		minimum elong	-4124 Dec 25 j 04:50	3° \mathcal{J} 59'25	1°53'49
evening rise	-4124 Jan 20 j 14:23	7° \mathcal{Z} 52'00		evening rise	-4123 Jan 03 j 09:08	21° \mathcal{J} 33'55	
asc. node	-4124 Jan 25 j 16:02	17° \mathcal{Z} 44'51			-4123 Jan 07 j 19:14	0° \mathcal{Z}	
	-4124 Feb 02 j 01:23	0° \approx		asc. node	-4123 Jan 11 j 13:04	6° \mathcal{Z} 41'37	
evening max el	-4124 Feb 06 j 17:08	5° \approx 28'41	19°24'12	evening max el	-4123 Jan 19 j 17:48	17° \mathcal{Z} 54'40	18°39'01
retrograde	-4124 Feb 15 j 21:02	9° \approx 50'02		retrograde	-4123 Jan 27 j 14:20	21° \mathcal{Z} 43'24	
evening set	-4124 Feb 18 j 05:20	9° \approx 34'11		evening set	-4123 Jan 30 j 01:54	21° \mathcal{Z} 21'59	
inferior conj	-4124 Feb 26 j 12:36	5° \approx 26'40	2°42'54	inferior conj	-4123 Feb 06 j 16:09	16° \mathcal{Z} 56'02	3°40'03
minimum elong	-4124 Feb 26 j 17:38	5° \approx 18'21	2°41'28	minimum elong	-4123 Feb 06 j 19:37	16° \mathcal{Z} 49'24	3°39'22
min. Earth dist.	-4124 Feb 29 j 07:42	3° \approx 36'43	0.56515 AU	min. Earth dist.	-4123 Feb 10 j 00:38	14° \mathcal{Z} 23'26	0.58230 AU
morning rise	-4124 Mar 06 j 03:16	0° \approx 37'05		morning rise	-4123 Feb 14 j 10:56	11° \mathcal{Z} 39'29	
desc. node	-4124 Mar 08 j 06:21	0° \approx 02'04		direct	-4123 Feb 20 j 08:12	10° \mathcal{Z} 13'10	
	-4124 Mar 08 j 10:43	30° $\mathcal{R}\mathcal{Z}$		desc. node	-4123 Feb 23 j 03:27	10° \mathcal{Z} 32'33	
direct	-4124 Mar 10 j 19:33	29° \mathcal{Z} 46'58		morning max el	-4123 Mar 06 j 14:19	17° \mathcal{Z} 42'22	26°18'22
	-4124 Mar 13 j 04:19	0° \approx			-4123 Mar 16 j 19:15	0° \approx	
morning max el	-4124 Mar 24 j 22:05	6° \approx 57'36	24°52'46		-4123 Apr 02 j 23:10	0° \mathcal{H}	
	-4124 Apr 10 j 16:18	0° \mathcal{H}		morning set	-4123 Apr 04 j 09:51	2° \mathcal{H} 59'55	
morning set	-4124 Apr 19 j 22:24	17° \mathcal{H} 59'30		asc. node	-4123 Apr 09 j 12:35	13° \mathcal{H} 58'36	
asc. node	-4124 Apr 22 j 15:36	23° \mathcal{H} 46'35					
	-4124 Apr 25 j 12:32	0° \mathcal{Y}		superior conj	-4123 Apr 11 j 10:15	18° \mathcal{H} 08'13	0°19'45

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4123 Apr 11 j 09:23	18° X 03'29	0°19'31	superior conj	-4122 Mar 26 j 21:56	3° X 08'29	-0°05'06
max. Earth dist.	-4123 Apr 11 j 18:21	18° X 52'33	1.32666 AU	minimum elong	-4122 Mar 26 j 22:09	3° X 09'46	0°05'07
	-4123 Apr 16 j 21:56	0° Y		behind sun begin	-4122 Mar 26 j 17:23	2° X 43'39	
evening rise	-4123 Apr 18 j 11:20	3° Y 16'11		behind sun end	-4122 Mar 27 j 02:56	3° X 35'52	
	-4123 May 02 j 23:17	0° Z		max. Earth dist.	-4122 Mar 26 j 07:51	1° X 51'31	1.32587 AU
evening max el	-4123 May 18 j 17:07	20° Z 21'08	26°47'33	asc. node	-4122 Mar 27 j 09:36	4° X 12'21	
desc. node	-4123 May 22 j 02:07	23° Z 16'42		evening rise	-4122 Apr 02 j 21:10	18° X 12'06	
retrograde	-4123 Jun 01 j 17:53	27° Z 41'21			-4122 Apr 08 j 18:05	0° Y	
evening set	-4123 Jun 08 j 09:42	25° Z 44'59			-4122 Apr 28 j 19:27	0° Z	
min. Earth dist.	-4123 Jun 12 j 06:38	23° Z 02'35	0.60480 AU	evening max el	-4122 Apr 30 j 14:41	1° Z 48'32	25°43'34
inferior conj	-4123 Jun 15 j 14:26	20° Z 15'43	-4°18'06	desc. node	-4122 May 08 j 23:15	7° Z 45'06	
minimum elong	-4123 Jun 15 j 14:54	20° Z 14'45	4°17'58	retrograde	-4122 May 14 j 16:39	9° Z 02'16	
morning rise	-4123 Jun 22 j 22:01	15° Z 31'53		evening set	-4122 May 20 j 09:55	7° Z 44'01	
direct	-4123 Jun 25 j 10:47	15° Z 07'02		min. Earth dist.	-4122 May 25 j 03:06	4° Z 58'22	0.58453 AU
morning max el	-4123 Jul 02 j 16:17	18° Z 38'43	18°09'28	inferior conj	-4122 May 28 j 10:04	2° Z 35'37	-4°06'12
asc. node	-4123 Jul 06 j 12:11	23° Z 08'09		minimum elong	-4122 May 28 j 07:06	2° Z 41'02	4°05'47
	-4123 Jul 10 j 23:06	0° II			-4122 Jun 01 j 06:09	30° R Y	
morning set	-4123 Jul 18 j 16:25	13° II 57'58		morning rise	-4122 Jun 05 j 07:00	28° Y 13'22	
	-4123 Jul 27 j 08:27	0° G		direct	-4122 Jun 07 j 18:59	27° Y 53'10	
					-4122 Jun 13 j 20:09	0° Z	
superior conj	-4123 Jul 28 j 12:26	2° G 05'51	1°44'28	morning max el	-4122 Jun 15 j 22:58	1° Z 44'31	18°42'15
minimum elong	-4123 Jul 28 j 14:58	2° G 17'13	1°44'33	asc. node	-4122 Jun 23 j 09:14	11° Z 26'46	
max. Earth dist.	-4123 Aug 05 j 01:38	15° G 13'55	1.41298 AU	morning set	-4122 Jul 02 j 08:06	27° Z 48'14	
evening rise	-4123 Aug 10 j 11:40	24° G 11'04			-4122 Jul 03 j 11:12	0° II	
	-4123 Aug 14 j 03:02	0° Q					
desc. node	-4123 Aug 18 j 01:11	6° Q 06'04		superior conj	-4122 Jul 11 j 03:29	14° II 47'38	1°49'14
	-4123 Sep 03 j 14:56	0° P		minimum elong	-4122 Jul 11 j 03:28	14° II 47'31	1°49'24
evening max el	-4123 Sep 13 j 02:07	11° P 19'10	22°41'49	max. Earth dist.	-4122 Jul 18 j 04:38	27° II 40'07	1.39366 AU
retrograde	-4123 Sep 22 j 21:33	17° P 08'15			-4122 Jul 19 j 12:30	0° G	
evening set	-4123 Sep 27 j 14:10	15° P 13'11		evening rise	-4122 Jul 22 j 07:01	4° G 46'21	
asc. node	-4123 Oct 02 j 11:14	9° P 31'26		desc. node	-4122 Aug 04 j 22:12	26° G 31'44	
inferior conj	-4123 Oct 02 j 21:31	8° P 55'56	0°08'49		-4122 Aug 07 j 06:26	0° Q	
minimum elong	-4123 Oct 02 j 21:19	8° P 56'40	0°08'47	evening max el	-4122 Aug 26 j 14:29	24° Q 46'39	24°02'34
transit middle	-4123 Oct 02 j 21:19	8° P 56'40	0°08'47		-4122 Sep 02 j 05:17	0° P	
transit begin	-4123 Oct 02 j 19:02	9° P 04'31		retrograde	-4122 Sep 06 j 12:44	1° P 12'34	
transit end	-4123 Oct 02 j 23:35	8° P 48'48			-4122 Sep 10 j 10:46	30° R Q	
min. Earth dist.	-4123 Oct 02 j 18:59	9° P 04'43	0.67423 AU	evening set	-4122 Sep 11 j 20:01	28° Q 57'44	
morning rise	-4123 Oct 08 j 04:19	2° P 42'37		min. Earth dist.	-4122 Sep 16 j 14:52	23° Q 22'52	0.67318 AU
direct	-4123 Oct 12 j 15:09	0° P 55'16		inferior conj	-4122 Sep 17 j 03:47	22° Q 39'06	-0°44'41
morning max el	-4123 Oct 21 j 21:03	6° P 24'48	22°03'36	minimum elong	-4122 Sep 17 j 04:49	22° Q 35'33	0°44'08
	-4123 Nov 08 j 20:57	0° U		asc. node	-4122 Sep 19 j 08:21	19° Q 46'34	
desc. node	-4123 Nov 14 j 01:01	7° U 42'47		morning rise	-4122 Sep 22 j 13:36	16° Q 30'58	
morning set	-4123 Nov 23 j 11:41	22° U 26'18		direct	-4122 Sep 26 j 11:25	15° Q 04'04	
	-4123 Nov 28 j 03:04	0° M		morning max el	-4122 Oct 04 j 16:09	19° Q 52'30	20°45'46
max. Earth dist.	-4123 Nov 29 j 14:10	2° M 25'57	1.41273 AU		-4122 Oct 12 j 21:46	0° P	
				desc. node	-4122 Oct 31 j 21:59	28° P 10'09	
superior conj	-4123 Dec 07 j 06:55	15° M 40'02	-1°52'07		-4122 Nov 02 j 02:20	0° U	
minimum elong	-4123 Dec 07 j 04:45	15° M 30'31	1°52'09	morning set	-4122 Nov 02 j 15:04	0° U 49'28	
	-4123 Dec 15 j 04:40	0° X		max. Earth dist.	-4122 Nov 11 j 20:46	15° U 28'34	1.43027 AU
evening rise	-4123 Dec 17 j 17:01	4° X 39'49					
asc. node	-4123 Dec 29 j 10:09	25° X 01'40		superior conj	-4122 Nov 18 j 09:15	26° U 12'59	-1°36'13
	-4122 Jan 02 j 07:35	0° Z		minimum elong	-4122 Nov 18 j 03:29	25° U 48'51	1°35'51
evening max el	-4122 Jan 03 j 01:17	0° Z 45'25	18°13'49		-4122 Nov 20 j 15:04	0° M	
retrograde	-4122 Jan 10 j 01:44	4° Z 17'15		evening rise	-4122 Nov 30 j 10:13	17° M 02'26	
evening set	-4122 Jan 12 j 16:17	3° Z 48'58			-4122 Dec 07 j 19:44	0° X	
	-4122 Jan 18 j 12:54	30° R X		asc. node	-4122 Dec 16 j 07:14	12° X 34'15	
inferior conj	-4122 Jan 19 j 15:44	29° X 01'14	4°02'22	evening max el	-4122 Dec 17 j 12:45	13° X 53'44	18°08'17
minimum elong	-4122 Jan 19 j 16:22	28° X 59'51	4°02'10	retrograde	-4122 Dec 24 j 03:32	17° X 22'04	
min. Earth dist.	-4122 Jan 22 j 22:19	26° X 08'10	0.60219 AU	evening set	-4122 Dec 26 j 21:01	16° X 46'04	
morning rise	-4122 Jan 26 j 14:50	23° X 24'47		inferior conj	-4121 Jan 02 j 08:32	11° X 37'03	3°58'23
direct	-4122 Feb 02 j 08:00	21° X 20'08		minimum elong	-4121 Jan 02 j 06:53	11° X 41'15	3°58'04
desc. node	-4122 Feb 10 j 00:32	23° X 47'25		min. Earth dist.	-4121 Jan 05 j 04:15	8° X 46'27	0.62175 AU
morning max el	-4122 Feb 16 j 12:01	28° X 58'28	27°17'39	morning rise	-4121 Jan 08 j 15:46	5° X 46'25	
	-4122 Feb 17 j 12:38	0° Z		direct	-4121 Jan 15 j 17:05	3° X 12'09	
	-4122 Mar 10 j 13:11	0° Z		desc. node	-4121 Jan 27 j 21:37	9° X 15'58	
morning set	-4122 Mar 19 j 18:43	17° Z 50'50		morning max el	-4121 Jan 29 j 16:04	10° X 55'38	27°42'06
	-4122 Mar 25 j 11:24	0° X			-4121 Feb 13 j 16:50	0° Z	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4121 Mar 02 j 18:13	0°♊				-4120 Jan 17 j 21:36	0°♊	
morning set	-4121 Mar 03 j 22:56	2°♊24'54				-4120 Feb 06 j 22:57	0°♊	
max. Earth dist.	-4121 Mar 09 j 18:28	14°♊37'17	1.32855 AU	morning set		-4120 Feb 15 j 19:55	16°♊33'34	
				max. Earth dist.		-4120 Feb 20 j 22:13	26°♊56'45	1.33508 AU
superior conj	-4121 Mar 11 j 08:15	18°♊01'27	-0°30'09			-4120 Feb 22 j 09:04	0°♊	
minimum elong	-4121 Mar 11 j 09:36	18°♊08'45	0°30'00					
asc. node	-4121 Mar 14 j 06:36	24°♊23'36		superior conj		-4120 Feb 23 j 15:26	2°♊41'16	-0°54'32
	-4121 Mar 16 j 20:59	0°♋		minimum elong		-4120 Feb 23 j 17:47	2°♊53'44	0°54'16
evening rise	-4121 Mar 18 j 08:39	3°♋09'25		asc. node		-4120 Feb 29 j 03:36	14°♊28'25	
	-4121 Apr 02 j 00:37	0°♋		evening rise		-4120 Mar 01 j 20:01	18°♊02'01	
evening max el	-4121 Apr 12 j 07:11	12°♋41'38	24°17'47			-4120 Mar 07 j 19:13	0°♋	
desc. node	-4121 Apr 25 j 20:23	19°♋40'14		evening max el		-4120 Mar 23 j 23:56	23°♋24'53	22°43'43
retrograde	-4121 Apr 26 j 04:09	19°♋40'29		retrograde		-4120 Apr 06 j 03:20	29°♋51'18	
evening set	-4121 Apr 30 j 14:03	18°♋56'50		evening set		-4120 Apr 09 j 07:22	29°♋29'18	
min. Earth dist.	-4121 May 06 j 18:58	15°♋53'19	0.56672 AU	desc. node		-4120 Apr 11 j 17:31	28°♋45'00	
inferior conj	-4121 May 09 j 09:40	14°♋14'25	-3°18'43	min. Earth dist.		-4120 Apr 17 j 09:28	25°♋56'12	0.55490 AU
minimum elong	-4121 May 09 j 03:58	14°♋23'28	3°17'24	inferior conj		-4120 Apr 18 j 14:58	25°♋13'47	-1°51'17
morning rise	-4121 May 17 j 21:01	10°♋10'09		minimum elong		-4120 Apr 18 j 10:14	25°♋20'35	1°49'49
direct	-4121 May 20 j 08:20	9°♋53'41		morning rise		-4120 Apr 27 j 15:11	21°♋16'37	
morning max el	-4121 May 29 j 21:30	14°♋19'38	19°35'27	direct		-4120 Apr 30 j 04:21	21°♋01'24	
asc. node	-4121 Jun 10 j 06:16	0°♌23'07		morning max el		-4120 May 11 j 09:43	26°♋16'09	20°48'25
	-4121 Jun 10 j 01:09	0°♌				-4120 May 14 j 21:29	0°♋	
morning set	-4121 Jun 16 j 08:26	12°♌06'45		asc. node		-4120 May 27 j 03:18	19°♋48'01	
				morning set		-4120 May 30 j 14:45	26°♋46'26	
superior conj	-4121 Jun 24 j 10:30	28°♌19'16	1°44'35			-4120 Jun 01 j 04:21	0°♌	
minimum elong	-4121 Jun 24 j 08:46	28°♌10'41	1°44'38					
	-4121 Jun 25 j 07:01	0°♍		superior conj		-4120 Jun 07 j 04:54	12°♌27'37	1°33'01
max. Earth dist.	-4121 Jun 30 j 06:52	9°♍32'50	1.37453 AU	minimum elong		-4120 Jun 07 j 02:20	12°♌14'29	1°32'52
evening rise	-4121 Jul 04 j 03:42	16°♍36'38		max. Earth dist.		-4120 Jun 11 j 14:51	21°♌19'42	1.35775 AU
	-4121 Jul 11 j 23:27	0°♍		evening rise		-4120 Jun 15 j 21:07	29°♌30'35	
desc. node	-4121 Jul 22 j 19:14	16°♍41'23				-4120 Jun 16 j 03:24	0°♍	
	-4121 Aug 01 j 16:14	0°♎				-4120 Jul 04 j 03:19	0°♍	
evening max el	-4121 Aug 09 j 01:03	8°♎16'19	25°19'14	desc. node		-4120 Jul 08 j 16:16	6°♍27'55	
retrograde	-4121 Aug 20 j 23:50	15°♎12'03		evening max el		-4120 Jul 21 j 12:00	21°♍47'11	26°23'43
evening set	-4121 Aug 26 j 22:06	12°♎39'38		retrograde		-4120 Aug 03 j 06:13	29°♍01'33	
min. Earth dist.	-4121 Aug 31 j 08:04	7°♎40'55	0.66896 AU	evening set		-4120 Aug 09 j 18:19	26°♍17'00	
inferior conj	-4121 Sep 01 j 08:00	6°♎22'48	-1°37'18	min. Earth dist.		-4120 Aug 13 j 20:14	21°♍56'18	0.66135 AU
minimum elong	-4121 Sep 01 j 10:15	6°♎15'30	1°36'16	inferior conj		-4120 Aug 15 j 08:20	20°♍05'17	-2°27'10
asc. node	-4121 Sep 06 j 05:28	0°♎53'59		minimum elong		-4120 Aug 15 j 11:33	19°♍55'22	2°25'52
morning rise	-4121 Sep 06 j 22:29	0°♎22'52		morning rise		-4120 Aug 21 j 05:03	14°♍16'33	
	-4121 Sep 07 j 13:32	30°♏		asc. node		-4120 Aug 23 j 02:36	13°♍30'06	
direct	-4121 Sep 10 j 09:21	29°♍13'47		direct		-4120 Aug 24 j 07:19	13°♍21'56	
	-4121 Sep 13 j 08:16	0°♏		morning max el		-4120 Aug 31 j 03:10	17°♍11'36	18°48'58
morning max el	-4121 Sep 17 j 18:30	3°♏28'35	19°39'56			-4120 Sep 09 j 16:49	0°♏	
	-4121 Oct 06 j 16:56	0°♏		morning set		-4120 Sep 21 j 09:05	18°♏26'23	
morning set	-4121 Oct 12 j 14:54	9°♏09'21				-4120 Sep 28 j 15:46	0°♏	
desc. node	-4121 Oct 18 j 18:55	18°♏46'30		desc. node		-4120 Oct 04 j 15:50	9°♏28'27	
max. Earth dist.	-4121 Oct 25 j 09:36	29°♏11'47	1.44251 AU					
	-4121 Oct 25 j 21:45	0°♐		superior conj		-4120 Oct 07 j 10:23	13°♏50'40	-0°17'31
superior conj	-4121 Oct 29 j 07:57	5°♐28'26	-1°03'39	minimum elong		-4120 Oct 07 j 08:05	13°♏41'37	0°17'09
minimum elong	-4121 Oct 29 j 01:14	5°♐01'27	1°02'54	max. Earth dist.		-4120 Oct 07 j 02:24	13°♏19'13	1.44806 AU
evening rise	-4121 Nov 12 j 07:58	28°♐31'23				-4120 Oct 17 j 15:24	0°♐	
	-4121 Nov 13 j 05:01	0°♑		evening rise		-4120 Oct 23 j 05:55	8°♐58'02	
evening max el	-4121 Dec 01 j 01:26	27°♑12'52	18°21'48			-4120 Nov 05 j 11:47	0°♑	
asc. node	-4121 Dec 03 j 04:19	29°♑05'42		evening max el		-4120 Nov 13 j 12:44	10°♑37'51	18°53'12
	-4121 Dec 04 j 14:28	0°♑		asc. node		-4120 Nov 19 j 01:25	14°♑20'35	
retrograde	-4121 Dec 07 j 15:08	0°♑48'36		retrograde		-4120 Nov 20 j 08:42	14°♑30'05	
evening set	-4121 Dec 10 j 12:35	0°♑03'34		evening set		-4120 Nov 23 j 11:49	13°♑34'01	
	-4121 Dec 10 j 15:19	30°♒		inferior conj		-4120 Nov 29 j 06:44	7°♑49'26	3°01'52
inferior conj	-4121 Dec 16 j 14:43	24°♑35'26	3°36'16	minimum elong		-4120 Nov 29 j 03:33	7°♑59'12	3°00'54
minimum elong	-4121 Dec 16 j 11:50	24°♑43'35	3°35'35	min. Earth dist.		-4120 Nov 30 j 21:41	5°♑49'55	0.65272 AU
min. Earth dist.	-4121 Dec 18 j 20:10	22°♑04'58	0.63890 AU	morning rise		-4120 Dec 04 j 18:56	1°♑41'27	
morning rise	-4121 Dec 22 j 10:31	18°♑34'40				-4120 Dec 07 j 03:53	30°♒	
direct	-4121 Dec 29 j 09:57	15°♑45'09		direct		-4120 Dec 11 j 09:25	28°♑51'26	
						-4120 Dec 15 j 23:48	0°♑	
morning max el	-4120 Jan 12 j 00:19	23°♑28'40	27°30'32	morning max el		-4120 Dec 24 j 09:54	6°♑25'24	26°47'16
desc. node	-4120 Jan 14 j 18:40	26°♑22'29		desc. node		-4120 Dec 31 j 15:40	14°♑38'08	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4119 Jan 11 j 16:24	0°♊		direct	-4119 Nov 24 j 14:36	12°♊22'44	
morning set	-4119 Jan 29 j 06:10	0°♊04'58		morning max el	-4119 Dec 06 j 19:00	19°♊34'35	25°40'10
	-4119 Jan 29 j 05:07	0°♊			-4119 Dec 15 j 17:41	0°♊	
max. Earth dist.	-4119 Feb 02 j 15:29	8°♊40'31	1.34603 AU	desc. node	-4119 Dec 18 j 12:38	3°♊42'27	
					-4118 Jan 04 j 18:33	0°♊	
superior conj	-4119 Feb 06 j 17:22	17°♊00'24	-1°17'03	morning set	-4118 Jan 12 j 01:10	12°♊45'39	
minimum elong	-4119 Feb 06 j 20:22	17°♊15'59	1°16'48	max. Earth dist.	-4118 Jan 15 j 21:13	19°♊54'44	1.36146 AU
	-4119 Feb 12 j 22:09	0°♊					
evening rise	-4119 Feb 14 j 05:28	2°♊43'03		superior conj	-4118 Jan 21 j 11:23	0°♊50'52	-1°36'07
asc. node	-4119 Feb 15 j 00:35	4°♊21'42		minimum elong	-4118 Jan 21 j 14:26	1°♊06'11	1°35'59
	-4119 Mar 01 j 23:14	0°♊			-4118 Jan 21 j 01:13	0°♊	
evening max el	-4119 Mar 05 j 23:04	4°♊24'06	21°14'26	evening rise	-4118 Jan 29 j 11:05	17°♊06'34	
retrograde	-4119 Mar 17 j 17:19	10°♊01'37		asc. node	-4118 Feb 01 j 21:36	23°♊58'22	
evening set	-4119 Mar 20 j 04:29	9°♊47'39			-4118 Feb 05 j 02:18	0°♊	
inferior conj	-4119 Mar 29 j 10:31	5°♊48'36	0°02'52	evening max el	-4118 Feb 16 j 08:09	15°♊55'32	19°59'07
minimum elong	-4119 Mar 29 j 10:39	5°♊48'25	0°02'44	retrograde	-4118 Feb 26 j 09:45	20°♊41'59	
transit middle	-4119 Mar 29 j 10:39	5°♊48'25	0°02'44	evening set	-4118 Feb 28 j 17:20	20°♊27'58	
transit begin	-4119 Mar 29 j 06:37	5°♊54'07		inferior conj	-4118 Mar 09 j 10:20	16°♊27'19	1°52'45
transit end	-4119 Mar 29 j 14:41	5°♊42'42		minimum elong	-4118 Mar 09 j 14:43	16°♊20'37	1°51'16
desc. node	-4119 Mar 29 j 14:40	5°♊42'44		min. Earth dist.	-4118 Mar 11 j 13:44	15°♊09'05	0.55798 AU
min. Earth dist.	-4119 Mar 29 j 23:38	5°♊30'03	0.55177 AU	desc. node	-4118 Mar 16 j 11:47	12°♊35'53	
morning rise	-4119 Apr 07 j 16:31	1°♊41'49		morning rise	-4118 Mar 18 j 10:00	11°♊55'40	
direct	-4119 Apr 10 j 16:36	1°♊22'04		direct	-4118 Mar 22 j 09:20	11°♊20'51	
morning max el	-4119 Apr 23 j 11:00	7°♊30'09	22°18'06	morning max el	-4118 Apr 05 j 04:09	18°♊12'34	23°56'51
	-4119 May 09 j 04:05	0°♊			-4118 Apr 14 j 20:02	0°♊	
asc. node	-4119 May 14 j 00:16	9°♊33'03		morning set	-4118 Apr 29 j 12:42	26°♊40'38	
morning set	-4119 May 15 j 00:47	11°♊39'44		asc. node	-4118 Apr 30 j 21:14	29°♊32'25	
					-4118 May 01 j 02:25	0°♊	
superior conj	-4119 May 22 j 07:06	27°♊00'45	1°16'25				
minimum elong	-4119 May 22 j 04:26	26°♊46'43	1°16'07	superior conj	-4118 May 06 j 14:27	11°♊50'23	0°56'14
	-4119 May 23 j 17:16	0°♊		minimum elong	-4118 May 06 j 12:13	11°♊38'24	0°55'52
max. Earth dist.	-4119 May 25 j 08:41	3°♊24'21	1.34441 AU	max. Earth dist.	-4118 May 08 j 12:03	15°♊54'39	1.33474 AU
evening rise	-4119 May 30 j 05:49	13°♊11'46		evening rise	-4118 May 14 j 01:24	27°♊26'44	
	-4119 Jun 08 j 10:03	0°♊			-4118 May 15 j 08:09	0°♊	
desc. node	-4119 Jun 25 j 13:21	25°♊40'51			-4118 Jun 01 j 16:37	0°♊	
	-4119 Jun 29 j 02:40	0°♊		desc. node	-4118 Jun 12 j 10:28	14°♊05'46	
evening max el	-4119 Jul 03 j 23:30	5°♊11'04	27°08'06	evening max el	-4118 Jun 16 j 09:52	18°♊15'19	27°25'19
retrograde	-4119 Jul 17 j 07:16	12°♊33'28		retrograde	-4118 Jun 30 j 02:19	25°♊39'08	
evening set	-4119 Jul 24 j 06:04	9°♊45'46		evening set	-4118 Jul 07 j 06:04	23°♊00'20	
min. Earth dist.	-4119 Jul 28 j 01:03	6°♊02'44	0.64999 AU	min. Earth dist.	-4118 Jul 10 j 20:32	19°♊50'27	0.63483 AU
inferior conj	-4119 Jul 30 j 02:35	3°♊42'19	-3°12'04	inferior conj	-4118 Jul 13 j 12:05	17°♊08'01	-3°48'52
minimum elong	-4119 Jul 30 j 06:19	3°♊31'42	3°10'51	minimum elong	-4118 Jul 13 j 15:32	16°♊59'08	3°48'03
	-4119 Aug 02 j 15:46	30°♊11'00		morning rise	-4118 Jul 20 j 01:52	11°♊51'38	
morning rise	-4119 Aug 05 j 07:03	28°♊08'08		direct	-4118 Jul 22 j 17:51	11°♊16'54	
direct	-4119 Aug 08 j 03:07	27°♊24'47		asc. node	-4118 Jul 27 j 20:45	13°♊24'22	
asc. node	-4119 Aug 09 j 23:41	27°♊43'15		morning max el	-4118 Jul 29 j 06:58	14°♊41'25	17°58'00
	-4119 Aug 13 j 15:52	0°♊			-4118 Aug 08 j 22:35	0°♊	
morning max el	-4119 Aug 14 j 16:09	0°♊57'35	18°14'40	morning set	-4118 Aug 15 j 05:21	10°♊52'18	
morning set	-4119 Sep 02 j 06:38	29°♊03'31			-4118 Aug 26 j 09:59	0°♊	
	-4119 Sep 02 j 20:15	0°♊					
superior conj	-4119 Sep 16 j 12:50	22°♊17'47	0°31'23	superior conj	-4118 Aug 27 j 11:38	1°♊46'25	1°11'05
minimum elong	-4119 Sep 16 j 16:36	22°♊32'46	0°31'01	minimum elong	-4118 Aug 27 j 17:28	2°♊10'31	1°10'37
max. Earth dist.	-4119 Sep 19 j 20:29	27°♊34'02	1.44634 AU	max. Earth dist.	-4118 Sep 02 j 12:34	11°♊36'57	1.43762 AU
	-4119 Sep 21 j 09:27	0°♊		desc. node	-4118 Sep 08 j 09:44	20°♊56'55	
desc. node	-4119 Sep 21 j 12:46	0°♊13'05		evening rise	-4118 Sep 12 j 08:51	27°♊07'16	
evening rise	-4119 Oct 03 j 03:24	18°♊22'45			-4118 Sep 14 j 05:38	0°♊	
	-4119 Oct 10 j 15:17	0°♊			-4118 Oct 04 j 15:58	0°♊	
greatest brilliancy	-4119 Oct 15 j 05:58	7°♊03'16	-0.7m	evening max el	-4118 Oct 10 j 22:24	7°♊31'27	20°42'59
evening max el	-4119 Oct 27 j 20:20	24°♊05'05	19°40'57	retrograde	-4118 Oct 19 j 02:25	12°♊20'52	
retrograde	-4119 Nov 04 j 05:15	28°♊22'07		evening set	-4118 Oct 22 j 23:13	10°♊55'09	
asc. node	-4119 Nov 05 j 22:32	28°♊04'58		asc. node	-4118 Oct 23 j 19:40	10°♊13'09	
evening set	-4119 Nov 07 j 16:07	27°♊12'31		inferior conj	-4118 Oct 28 j 09:05	4°♊46'45	1°31'00
inferior conj	-4119 Nov 13 j 05:39	21°♊14'24	2°19'12	minimum elong	-4118 Oct 28 j 07:06	4°♊53'30	1°30'12
minimum elong	-4119 Nov 13 j 02:51	21°♊23'34	2°18'10	min. Earth dist.	-4118 Oct 28 j 22:59	3°♊59'33	0.66980 AU
min. Earth dist.	-4119 Nov 14 j 07:20	19°♊50'34	0.66298 AU		-4118 Nov 01 j 03:10	30°♊11'00	
morning rise	-4119 Nov 18 j 13:22	15°♊01'38		morning rise	-4118 Nov 02 j 14:49	28°♊31'33	
				direct	-4118 Nov 08 j 00:53	26°♊10'53	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4118 Nov 16 j 02:58	0°♄		morning rise	-4117 Oct 17 j 20:55	12°♎09'59	
morning max el	-4118 Nov 19 j 03:45	2°♄48'33	24°18'34	direct	-4117 Oct 22 j 15:50	10°♎10'28	
desc. node	-4118 Dec 05 j 09:36	23°♄20'46		morning max el	-4117 Nov 01 j 14:12	16°♎05'59	22°52'06
	-4118 Dec 09 j 22:07	0°♍			-4117 Nov 12 j 22:30	0°♄	
morning set	-4118 Dec 24 j 23:09	24°♍19'14		desc. node	-4117 Nov 22 j 06:34	13°♄23'33	
	-4118 Dec 28 j 04:29	0°♅			-4117 Dec 02 j 23:28	0°♍	
max. Earth dist.	-4118 Dec 28 j 18:48	1°♅04'17	1.38052 AU	morning set	-4117 Dec 05 j 18:18	4°♍32'18	
				max. Earth dist.	-4117 Dec 10 j 15:10	12°♍42'52	1.40119 AU
superior conj	-4117 Jan 04 j 18:01	14°♅02'16	-1°49'35				
minimum elong	-4117 Jan 04 j 20:07	14°♅12'24	1°49'38	superior conj	-4117 Dec 18 j 08:43	26°♍22'56	-1°54'31
	-4117 Jan 12 j 21:17	0°♆		minimum elong	-4117 Dec 18 j 08:31	26°♍22'01	1°54'40
evening rise	-4117 Jan 13 j 10:34	1°♆05'34			-4117 Dec 20 j 07:59	0°♅	
asc. node	-4117 Jan 19 j 18:38	13°♆11'48		evening rise	-4117 Dec 28 j 01:09	14°♅33'26	
evening max el	-4117 Jan 30 j 03:30	28°♆02'12	19°02'26		-4116 Jan 05 j 11:50	0°♆	
	-4117 Feb 01 j 12:29	0°♇		asc. node	-4116 Jan 06 j 15:43	1°♆54'23	
retrograde	-4117 Feb 07 j 16:45	2°♇08'04		evening max el	-4116 Jan 13 j 07:20	10°♆39'28	18°25'47
evening set	-4117 Feb 10 j 02:24	1°♇50'02		retrograde	-4116 Jan 20 j 18:13	14°♆19'33	
	-4117 Feb 14 j 09:39	30°♇3		evening set	-4116 Jan 23 j 06:54	13°♆55'29	
inferior conj	-4117 Feb 18 j 02:12	27°♆34'58	3°11'52	inferior conj	-4116 Jan 30 j 14:31	9°♆20'25	3°53'20
minimum elong	-4117 Feb 18 j 06:54	27°♆26'43	3°10'43	minimum elong	-4116 Jan 30 j 16:48	9°♆15'46	3°52'56
min. Earth dist.	-4117 Feb 21 j 04:57	25°♆24'49	0.57189 AU	min. Earth dist.	-4116 Feb 02 j 23:42	6°♆35'56	0.59059 AU
morning rise	-4117 Feb 26 j 08:48	22°♆33'11		morning rise	-4116 Feb 07 j 00:33	3°♆54'06	
desc. node	-4117 Mar 03 j 08:53	21°♆29'13		direct	-4116 Feb 13 j 07:29	2°♆11'01	
direct	-4117 Mar 03 j 13:52	21°♆29'06		desc. node	-4116 Feb 18 j 05:58	3°♆11'47	
morning max el	-4117 Mar 17 j 19:08	28°♆48'46	25°31'46	morning max el	-4116 Feb 27 j 13:36	9°♆45'40	26°47'34
	-4117 Mar 18 j 23:48	0°♇			-4116 Mar 14 j 02:00	0°♇	
	-4117 Apr 08 j 04:47	0°♈		morning set	-4116 Mar 28 j 11:24	26°♇40'49	
morning set	-4117 Apr 14 j 00:50	11°♈43'23			-4116 Mar 30 j 01:14	0°♈	
asc. node	-4117 Apr 17 j 18:14	19°♈41'18		asc. node	-4116 Apr 03 j 15:12	9°♈54'38	
superior conj	-4117 Apr 21 j 00:54	26°♈49'44	0°33'34	superior conj	-4116 Apr 04 j 12:36	11°♈51'45	0°09'19
minimum elong	-4117 Apr 20 j 23:28	26°♈41'56	0°33'16	minimum elong	-4116 Apr 04 j 12:12	11°♈49'30	0°09'10
max. Earth dist.	-4117 Apr 21 j 22:12	28°♈45'40	1.32857 AU	behind sun begin	-4116 Apr 04 j 08:06	11°♈27'05	
	-4117 Apr 22 j 11:53	0°♉		behind sun end	-4116 Apr 04 j 16:17	12°♈11'55	
evening rise	-4117 Apr 28 j 04:32	12°♉04'55		max. Earth dist.	-4116 Apr 04 j 11:22	11°♈45'00	1.32582 AU
	-4117 May 07 j 12:45	0°♊		evening rise	-4116 Apr 11 j 12:31	26°♈56'38	
	-4117 May 28 j 21:10	0°♋			-4116 Apr 12 j 23:58	0°♉	
evening max el	-4117 May 29 j 16:37	0°♋47'29	27°10'47		-4116 Apr 30 j 04:38	0°♊	
desc. node	-4117 May 30 j 07:35	1°♋22'41		evening max el	-4116 May 10 j 17:37	12°♊38'27	26°23'44
retrograde	-4117 Jun 12 j 14:53	8°♋10'06		desc. node	-4116 May 16 j 04:42	17°♊02'40	
evening set	-4117 Jun 19 j 14:31	5°♋54'12		retrograde	-4116 May 24 j 19:39	19°♊57'31	
min. Earth dist.	-4117 Jun 23 j 06:03	3°♋06'35	0.61635 AU	evening set	-4116 May 31 j 03:16	18°♊16'45	
inferior conj	-4117 Jun 26 j 09:43	0°♋15'36	-4°12'51	min. Earth dist.	-4116 Jun 04 j 06:43	15°♊35'04	0.59601 AU
minimum elong	-4117 Jun 26 j 11:42	0°♋11'07	4°12'33	inferior conj	-4116 Jun 07 j 15:51	12°♊55'25	-4°16'49
	-4117 Jun 26 j 16:36	30°♋8		minimum elong	-4116 Jun 07 j 14:56	12°♊57'14	4°16'41
morning rise	-4117 Jul 03 j 10:24	25°♋19'45		morning rise	-4116 Jun 15 j 04:58	8°♋21'14	
direct	-4117 Jul 05 j 23:59	24°♋51'44		direct	-4116 Jun 17 j 17:13	7°♋58'37	
morning max el	-4117 Jul 12 j 20:58	28°♋17'30	17°59'50	morning max el	-4116 Jun 25 j 07:11	11°♋37'05	18°20'59
	-4117 Jul 14 j 11:24	0°♌		asc. node	-4116 Jun 30 j 14:51	18°♋10'28	
asc. node	-4117 Jul 14 j 17:48	0°♌18'48			-4116 Jul 07 j 14:03	0°♌	
morning set	-4117 Jul 28 j 23:52	23°♌38'20		morning set	-4116 Jul 11 j 08:59	7°♌07'43	
	-4117 Aug 01 j 11:41	0°♍					
superior conj	-4117 Aug 08 j 14:12	12°♍38'08	1°36'20	superior conj	-4116 Jul 20 j 17:31	24°♌43'49	1°47'50
minimum elong	-4117 Aug 08 j 18:20	12°♍56'04	1°36'13	minimum elong	-4116 Jul 20 j 18:54	24°♌50'07	1°47'58
max. Earth dist.	-4117 Aug 15 j 23:30	25°♍09'02	1.42310 AU	max. Earth dist.	-4116 Jul 23 j 15:24	0°♍	
	-4117 Aug 18 j 22:41	0°♎		evening rise	-4116 Jul 28 j 04:11	7°♍56'45	1.40484 AU
evening rise	-4117 Aug 22 j 16:56	6°♎01'06			-4116 Aug 01 j 21:07	15°♍52'20	
desc. node	-4117 Aug 26 j 06:44	11°♎37'03		desc. node	-4116 Aug 10 j 17:59	0°♎	
	-4117 Sep 07 j 13:13	0°♏			-4116 Sep 01 j 08:33	0°♏	
evening max el	-4117 Sep 23 j 18:10	20°♏56'53	21°56'14	evening max el	-4116 Sep 05 j 08:34	4°♏22'36	23°16'10
retrograde	-4117 Oct 02 j 22:27	26°♏24'09		retrograde	-4116 Sep 15 j 15:46	10°♏28'38	
evening set	-4117 Oct 07 j 07:15	24°♏40'11		evening set	-4116 Sep 20 j 14:24	8°♏25'11	
asc. node	-4117 Oct 10 j 16:48	21°♏01'12		inferior conj	-4116 Sep 25 j 21:42	2°♏06'45	-0°13'53
inferior conj	-4117 Oct 12 j 15:03	18°♏24'56	0°39'24	minimum elong	-4116 Sep 25 j 22:01	2°♏05'39	0°13'39
minimum elong	-4117 Oct 12 j 14:09	18°♏28'03	0°39'04	transit middle	-4116 Sep 25 j 22:01	2°♏05'39	0°13'39
min. Earth dist.	-4117 Oct 12 j 18:19	18°♏13'39	0.67346 AU	transit begin	-4116 Sep 25 j 20:32	2°♏10'46	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

transit end	-4116 Sep 25 j 23:31	2° \mathbb{M} 00'32		retrograde	-4115 Aug 30 j 05:16	24° \mathcal{Q} 30'53	
min. Earth dist.	-4116 Sep 25 j 14:49	2° \mathbb{M} 30'26	0.67410 AU	evening set	-4115 Sep 04 j 18:50	22° \mathcal{Q} 08'27	
asc. node	-4116 Sep 26 j 13:55	1° \mathbb{M} 11'11		min. Earth dist.	-4115 Sep 09 j 09:55	16° \mathcal{Q} 48'25	0.67176 AU
	-4116 Sep 27 j 11:10	30° \mathcal{R} \mathcal{Q}		inferior conj	-4115 Sep 10 j 03:18	15° \mathcal{Q} 50'15	-1°07'13
morning rise	-4116 Oct 01 j 05:33	25° \mathcal{Q} 55'00		minimum elong	-4115 Sep 10 j 04:52	15° \mathcal{Q} 45'00	1°06'26
direct	-4116 Oct 05 j 10:32	24° \mathcal{Q} 16'39		asc. node	-4115 Sep 13 j 11:03	11° \mathcal{Q} 42'05	
morning max el	-4116 Oct 14 j 05:21	29° \mathcal{Q} 28'34	21°29'13	morning rise	-4115 Sep 15 j 14:53	9° \mathcal{Q} 45'00	
	-4116 Oct 14 j 17:30	0° \mathbb{M}		direct	-4115 Sep 19 j 07:49	8° \mathcal{Q} 25'52	
	-4116 Nov 05 j 16:46	0° \mathcal{Q}		morning max el	-4115 Sep 27 j 03:23	12° \mathcal{Q} 59'02	20°16'01
desc. node	-4116 Nov 08 j 03:33	3° \mathcal{Q} 43'38			-4115 Oct 10 j 01:48	0° \mathbb{M}	
morning set	-4116 Nov 14 j 09:28	13° \mathcal{Q} 26'17		morning set	-4115 Oct 24 j 08:14	21° \mathbb{M} 38'48	
max. Earth dist.	-4116 Nov 21 j 16:45	25° \mathcal{Q} 12'33	1.42066 AU	desc. node	-4115 Oct 26 j 00:30	24° \mathbb{M} 15'09	
	-4116 Nov 24 j 13:57	0° \mathbb{M}			-4115 Oct 29 j 16:39	0° \mathcal{Q}	
				max. Earth dist.	-4115 Nov 04 j 02:05	8° \mathcal{Q} 33'52	1.43621 AU
superior conj	-4116 Nov 29 j 01:58	7° \mathbb{M} 39'28	-1°47'20	superior conj	-4115 Nov 09 j 16:33	17° \mathcal{Q} 39'18	-1°24'28
minimum elong	-4116 Nov 28 j 22:12	7° \mathbb{M} 23'17	1°47'14	minimum elong	-4115 Nov 09 j 09:48	17° \mathcal{Q} 11'39	1°23'52
evening rise	-4116 Dec 10 j 03:22	27° \mathbb{M} 22'32			-4115 Nov 17 j 01:45	0° \mathbb{M}	
	-4116 Dec 11 j 13:58	0° \mathcal{Q}		evening rise	-4115 Nov 22 j 12:51	9° \mathbb{M} 23'17	
asc. node	-4116 Dec 23 j 12:48	19° \mathcal{Q} 56'30			-4115 Dec 04 j 20:07	0° \mathcal{Q}	
evening max el	-4116 Dec 26 j 16:57	23° \mathcal{Q} 39'41	18°09'07	evening max el	-4115 Dec 10 j 05:22	6° \mathcal{Q} 53'57	18°11'48
retrograde	-4115 Jan 02 j 12:10	27° \mathcal{Q} 08'25		asc. node	-4115 Dec 10 j 09:54	7° \mathcal{Q} 05'17	
evening set	-4115 Jan 05 j 03:52	26° \mathcal{Q} 37'03		retrograde	-4115 Dec 16 j 18:32	10° \mathcal{Q} 23'48	
inferior conj	-4115 Jan 11 j 21:57	21° \mathcal{Q} 40'28	4°03'19	evening set	-4115 Dec 19 j 13:39	9° \mathcal{Q} 44'02	
minimum elong	-4115 Jan 11 j 21:29	21° \mathcal{Q} 41'33	4°03'08	inferior conj	-4115 Dec 25 j 20:53	4° \mathcal{Q} 26'42	3°50'47
min. Earth dist.	-4115 Jan 15 j 00:50	18° \mathcal{Q} 45'29	0.61070 AU	minimum elong	-4115 Dec 25 j 18:35	4° \mathcal{Q} 32'50	3°50'20
morning rise	-4115 Jan 18 j 13:45	15° \mathcal{Q} 57'22		min. Earth dist.	-4115 Dec 28 j 10:45	1° \mathcal{Q} 43'01	0.62947 AU
direct	-4115 Jan 25 j 11:54	13° \mathcal{Q} 38'09			-4115 Dec 30 j 04:56	30° \mathcal{R} \mathbb{M}	
desc. node	-4115 Feb 04 j 03:03	17° \mathcal{Q} 28'35		morning rise	-4115 Dec 31 j 22:47	28° \mathbb{M} 31'42	
morning max el	-4115 Feb 08 j 14:05	21° \mathcal{Q} 19'46	27°32'26	direct	-4114 Jan 08 j 00:34	25° \mathbb{M} 49'00	
	-4115 Feb 16 j 04:24	0° \mathcal{Q}			-4114 Jan 17 j 19:58	0° \mathcal{Q}	
	-4115 Mar 06 j 23:41	0° \approx		morning max el	-4114 Jan 21 j 20:00	3° \mathcal{Q} 32'38	27°41'21
morning set	-4115 Mar 12 j 18:35	11° \approx 26'06		desc. node	-4114 Jan 22 j 00:06	3° \mathcal{Q} 42'48	
max. Earth dist.	-4115 Mar 18 j 23:58	24° \approx 39'51	1.32653 AU		-4114 Feb 10 j 15:27	0° \mathcal{Q}	
superior conj	-4115 Mar 19 j 23:57	26° \approx 50'27	-0°15'44	morning set	-4114 Feb 24 j 20:02	25° \mathcal{Q} 50'21	
minimum elong	-4115 Mar 20 j 00:39	26° \approx 54'19	0°15'41		-4114 Feb 26 j 21:02	0° \approx	
behind sun begin	-4115 Mar 20 j 00:03	26° \approx 51'01		max. Earth dist.	-4114 Mar 02 j 08:05	7° \approx 15'41	1.33089 AU
behind sun end	-4115 Mar 20 j 01:15	26° \approx 57'36		superior conj	-4114 Mar 04 j 09:10	11° \approx 38'43	-0°40'38
	-4115 Mar 21 j 10:41	0° \mathcal{H}		minimum elong	-4114 Mar 04 j 10:57	11° \approx 48'23	0°40'25
asc. node	-4115 Mar 21 j 12:12	0° \mathcal{H} 08'21		asc. node	-4114 Mar 08 j 09:12	20° \approx 17'30	
evening rise	-4115 Mar 26 j 23:18	11° \mathcal{H} 54'32		evening rise	-4114 Mar 11 j 10:56	26° \approx 50'48	
	-4115 Apr 05 j 06:02	0° \mathcal{Y}			-4114 Mar 12 j 23:14	0° \mathcal{H}	
evening max el	-4115 Apr 22 j 12:44	23° \mathcal{Y} 49'57	25°09'06		-4114 Mar 30 j 22:49	0° \mathcal{Y}	
	-4115 May 01 j 13:05	0° \mathcal{B}		evening max el	-4114 Apr 04 j 04:44	4° \mathcal{Y} 35'53	23°37'55
desc. node	-4115 May 03 j 01:48	0° \mathcal{B} 30'09		retrograde	-4114 Apr 17 j 19:49	11° \mathcal{Y} 22'22	
retrograde	-4115 May 06 j 14:07	0° \mathcal{B} 59'01		desc. node	-4114 Apr 19 j 22:54	11° \mathcal{Y} 12'15	
evening set	-4115 May 11 j 18:20	29° \mathcal{Y} 56'55		evening set	-4114 Apr 21 j 16:07	10° \mathcal{Y} 49'51	
	-4115 May 11 j 15:10	30° \mathcal{R} \mathcal{Y}		min. Earth dist.	-4114 Apr 28 j 16:03	7° \mathcal{Y} 35'23	0.56085 AU
min. Earth dist.	-4115 May 17 j 01:07	27° \mathcal{Y} 04'54	0.57642 AU	inferior conj	-4114 Apr 30 j 18:19	6° \mathcal{Y} 19'50	-2°46'15
inferior conj	-4115 May 20 j 03:07	24° \mathcal{Y} 58'46	-3°50'58	minimum elong	-4114 Apr 30 j 12:26	6° \mathcal{Y} 28'42	2°44'39
minimum elong	-4115 May 19 j 22:43	25° \mathcal{Y} 06'19	3°50'12	morning rise	-4114 May 09 j 11:32	2° \mathcal{Y} 20'02	
morning rise	-4115 May 28 j 06:06	20° \mathcal{Y} 44'40		direct	-4114 May 11 j 23:17	2° \mathcal{Y} 04'23	
direct	-4115 May 30 j 17:35	20° \mathcal{Y} 26'18		morning max el	-4114 May 22 j 04:52	6° \mathcal{Y} 49'41	20°04'08
morning max el	-4115 Jun 08 j 10:42	24° \mathcal{Y} 31'00	19°02'18	asc. node	-4114 Jun 04 j 08:54	25° \mathcal{Y} 55'52	
	-4115 Jun 13 j 03:25	0° \mathcal{B}			-4114 Jun 06 j 11:48	0° \mathcal{B}	
asc. node	-4115 Jun 17 j 11:53	6° \mathcal{B} 46'25		morning set	-4114 Jun 09 j 07:52	5° \mathcal{B} 39'09	
morning set	-4115 Jun 25 j 04:41	21° \mathcal{B} 10'43					
	-4115 Jun 29 j 15:51	0° \mathbb{I}		superior conj	-4114 Jun 17 j 04:15	21° \mathcal{B} 36'30	1°40'23
superior conj	-4115 Jul 03 j 15:56	7° \mathbb{I} 48'06	1°48'15	minimum elong	-4114 Jun 17 j 02:04	21° \mathcal{B} 25'30	1°40'22
minimum elong	-4115 Jul 03 j 15:04	7° \mathbb{I} 43'55	1°48'23		-4114 Jun 21 j 10:35	0° \mathbb{I}	
max. Earth dist.	-4115 Jul 10 j 05:49	20° \mathbb{I} 04'46	1.38537 AU	max. Earth dist.	-4114 Jun 22 j 10:11	1° \mathbb{I} 53'09	1.36706 AU
evening rise	-4115 Jul 14 j 03:39	27° \mathbb{I} 00'26		evening rise	-4114 Jun 26 j 09:49	9° \mathbb{I} 19'33	
	-4115 Jul 15 j 21:23	0° \mathcal{B}			-4114 Jun 08 j 13:49	0° \mathcal{B}	
desc. node	-4115 Jul 30 j 00:46	22° \mathcal{B} 28'26		desc. node	-4114 Jul 16 j 21:46	12° \mathcal{B} 29'11	
	-4115 Aug 04 j 06:31	0° \mathcal{Q}			-4114 Jul 30 j 21:57	0° \mathcal{Q}	
evening max el	-4115 Aug 18 j 19:58	17° \mathcal{Q} 51'14	24°36'16	evening max el	-4114 Aug 01 j 06:43	1° \mathcal{Q} 22'40	25°48'43

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

retrograde	-4114 Aug 13 j 14:12	8°♎26'53		evening set	-4113 Aug 03 j 11:36	19°♏22'23	
evening set	-4114 Aug 19 j 18:40	5°♎48'34		min. Earth dist.	-4113 Aug 07 j 10:18	15°♏18'19	0.65699 AU
min. Earth dist.	-4114 Aug 24 j 01:12	1°♎05'57	0.66617 AU	inferior conj	-4113 Aug 09 j 04:05	13°♏14'00	-2°46'59
	-4114 Aug 24 j 21:55	30°♎		minimum elong	-4113 Aug 09 j 07:36	13°♏03'32	2°45'42
inferior conj	-4114 Aug 25 j 06:06	29°♏33'50	-1°58'54	morning rise	-4113 Aug 15 j 03:56	7°♏31'24	
minimum elong	-4114 Aug 25 j 08:48	29°♏25'14	1°57'43	direct	-4113 Aug 18 j 03:20	6°♏41'57	
morning rise	-4114 Aug 30 j 23:02	23°♏38'18		asc. node	-4113 Aug 18 j 05:16	6°♏41'59	
asc. node	-4114 Aug 31 j 08:10	23°♏24'39		morning max el	-4113 Aug 24 j 19:24	10°♏23'08	18°32'22
direct	-4114 Sep 03 j 06:04	22°♏35'36			-4113 Sep 07 j 13:10	0°♎	
morning max el	-4114 Sep 10 j 08:34	26°♏38'16	19°16'22	morning set	-4113 Sep 13 j 19:23	10°♎08'22	
	-4114 Sep 13 j 07:15	0°♎			-4113 Sep 26 j 04:54	0°♎	
	-4114 Oct 03 j 09:16	0°♎					
morning set	-4114 Oct 03 j 13:53	0°♎18'02		superior conj	-4113 Sep 29 j 04:16	4°♎42'02	0°03'45
desc. node	-4114 Oct 12 j 21:26	14°♎54'24		minimum elong	-4113 Sep 29 j 04:45	4°♎43'59	0°03'45
max. Earth dist.	-4114 Oct 17 j 17:33	22°♎31'53	1.44576 AU	behind sun begin	-4113 Sep 28 j 17:39	4°♎00'09	
				behind sun end	-4113 Sep 29 j 15:51	5°♎27'46	
superior conj	-4114 Oct 20 j 04:53	26°♎26'53	-0°45'16	desc. node	-4113 Sep 29 j 18:21	5°♎37'36	
minimum elong	-4114 Oct 19 j 23:25	26°♎05'11	0°44'34	max. Earth dist.	-4113 Sep 30 j 11:32	6°♎45'21	1.44819 AU
	-4114 Oct 22 j 10:26	0°♎			-4113 Oct 15 j 05:34	0°♎	
evening rise	-4114 Nov 04 j 00:56	20°♎26'51		evening rise	-4113 Oct 15 j 12:08	0°♎25'57	
	-4114 Nov 09 j 19:54	0°♎		greatest brilliancy	-4113 Oct 24 j 12:59	14°♎41'06	-0.8m
evening max el	-4114 Nov 23 j 17:46	20°♎16'11	18°32'59		-4113 Nov 03 j 23:40	0°♎	
asc. node	-4114 Nov 27 j 06:59	23°♎06'17		evening max el	-4113 Nov 07 j 03:39	3°♎41'36	19°11'35
retrograde	-4114 Nov 30 j 09:09	23°♎57'44		retrograde	-4113 Nov 14 j 04:26	7°♎43'47	
evening set	-4114 Dec 03 j 08:52	23°♎08'06		asc. node	-4113 Nov 14 j 04:06	7°♎43'47	
inferior conj	-4114 Dec 09 j 07:39	17°♎32'22	3°22'54	evening set	-4113 Nov 17 j 10:33	6°♎42'16	
minimum elong	-4114 Dec 09 j 04:32	17°♎41'29	3°22'04	inferior conj	-4113 Nov 23 j 02:56	0°♎51'16	2°44'37
min. Earth dist.	-4114 Dec 11 j 06:42	15°♎14'32	0.64525 AU	minimum elong	-4113 Nov 22 j 23:51	1°♎01'02	2°43'35
morning rise	-4114 Dec 14 j 23:48	11°♎28'22			-4113 Nov 23 j 19:05	30°♎	
direct	-4114 Dec 21 j 20:05	8°♎37'20		min. Earth dist.	-4113 Nov 24 j 11:59	29°♎06'44	0.65746 AU
morning max el	-4113 Jan 04 j 05:09	16°♎17'17	27°15'38	morning rise	-4113 Nov 28 j 12:51	24°♎40'46	
desc. node	-4113 Jan 08 j 21:10	21°♎21'36		direct	-4113 Dec 04 j 21:54	21°♎54'33	
	-4113 Jan 15 j 15:23	0°♎		morning max el	-4113 Dec 17 j 14:56	29°♎21'10	26°21'12
	-4113 Feb 03 j 09:06	0°♎			-4113 Dec 18 j 06:16	0°♎	
morning set	-4113 Feb 08 j 12:54	9°♎44'20		desc. node	-4113 Dec 26 j 18:11	9°♎59'47	
max. Earth dist.	-4113 Feb 13 j 07:57	19°♎21'25	1.33929 AU		-4112 Jan 09 j 11:50	0°♎	
				morning set	-4112 Jan 22 j 17:22	22°♎56'20	
superior conj	-4113 Feb 16 j 14:23	26°♎10'21	-1°04'24		-4112 Jan 26 j 09:53	0°♎	
minimum elong	-4113 Feb 16 j 17:03	26°♎24'29	1°04'07	max. Earth dist.	-4112 Jan 26 j 20:32	0°♎52'11	1.35204 AU
	-4113 Feb 18 j 09:44	0°♎					
asc. node	-4113 Feb 23 j 06:11	10°♎17'55		superior conj	-4112 Jan 31 j 13:19	10°♎18'19	-1°25'41
evening rise	-4113 Feb 23 j 21:44	11°♎39'18		minimum elong	-4112 Jan 31 j 16:26	10°♎34'18	1°25'27
	-4113 Mar 05 j 11:05	0°♎		evening rise	-4112 Feb 08 j 05:50	26°♎13'53	
evening max el	-4113 Mar 16 j 23:23	15°♎22'13	22°04'17	asc. node	-4112 Feb 10 j 03:12	0°♎05'01	
retrograde	-4113 Mar 29 j 13:57	21°♎29'14			-4112 Feb 10 j 02:12	0°♎	
evening set	-4113 Apr 01 j 09:13	21°♎11'48		evening max el	-4112 Feb 27 j 02:28	26°♎34'09	20°40'18
desc. node	-4113 Apr 06 j 20:03	19°♎12'16			-4112 Mar 02 j 14:57	0°♎	
min. Earth dist.	-4113 Apr 10 j 05:56	17°♎21'56	0.55248 AU	retrograde	-4112 Mar 09 j 03:57	1°♎50'01	
inferior conj	-4113 Apr 10 j 17:52	17°♎05'06	-1°04'28	evening set	-4112 Mar 11 j 12:10	1°♎36'48	
minimum elong	-4113 Apr 10 j 14:55	17°♎09'16	1°03'31		-4112 Mar 16 j 05:30	30°♎	
morning rise	-4113 Apr 19 j 21:52	13°♎06'31		inferior conj	-4112 Mar 20 j 13:37	27°♎38'50	0°51'55
direct	-4113 Apr 22 j 14:19	12°♎50'18		minimum elong	-4112 Mar 20 j 15:55	27°♎35'29	0°51'02
morning max el	-4113 May 04 j 12:16	18°♎27'15	21°24'57	min. Earth dist.	-4112 Mar 21 j 20:10	26°♎54'36	0.55327 AU
	-4113 May 13 j 16:03	0°♎		desc. node	-4112 Mar 23 j 17:11	25°♎51'28	
asc. node	-4113 May 22 j 05:53	15°♎29'58		morning rise	-4112 Mar 29 j 18:30	23°♎22'49	
morning set	-4113 May 24 j 15:59	20°♎25'25		direct	-4112 Apr 02 j 02:45	22°♎58'29	
	-4113 May 29 j 06:02	0°♎		morning max el	-4112 Apr 15 j 09:49	29°♎27'10	22°59'41
					-4112 Apr 15 j 23:27	0°♎	
superior conj	-4113 Jun 01 j 02:20	5°♎56'25	1°26'29		-4112 May 05 j 12:06	0°♎	
minimum elong	-4113 May 31 j 23:39	5°♎42'30	1°26'16	morning set	-4112 May 08 j 03:05	5°♎23'19	
max. Earth dist.	-4113 Jun 04 j 22:16	13°♎46'02	1.35159 AU	asc. node	-4112 May 08 j 02:51	5°♎22'09	
evening rise	-4113 Jun 09 j 10:17	22°♎34'52					
	-4113 Jun 13 j 10:05	0°♎		superior conj	-4112 May 15 j 07:05	20°♎38'25	1°08'14
	-4113 Jul 02 j 06:30	0°♎		minimum elong	-4112 May 15 j 04:33	20°♎24'57	1°07'53
desc. node	-4113 Jul 03 j 18:48	2°♎02'46		max. Earth dist.	-4112 May 17 j 20:15	26°♎01'20	1.33980 AU
evening max el	-4113 Jul 14 j 17:50	14°♎51'07	26°45'29		-4112 May 19 j 18:17	0°♎	
retrograde	-4113 Jul 27 j 18:15	22°♎09'52		evening rise	-4112 May 23 j 00:09	6°♎32'28	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4112 Jun 05 j 00:20	0°♊					-4111 May 11 j 13:20	0°♋			
desc. node	-4112 Jun 19 j 15:53	20°♊57'37					-4111 May 30 j 01:39	0°♊			
evening max el	-4112 Jun 26 j 04:55	28°♊07'44	27°18'59		desc. node	-4111 Jun 06 j 13:00	8°♊56'34				
	-4112 Jun 28 j 06:03	0°♋			evening max el	-4111 Jun 08 j 14:07	10°♊59'53	27°23'09			
retrograde	-4112 Jul 09 j 17:02	5°♋32'09			retrograde	-4111 Jun 22 j 09:43	18°♊23'47				
evening set	-4112 Jul 16 j 18:50	2°♋46'15			evening set	-4111 Jun 29 j 12:46	15°♊53'12				
	-4112 Jul 19 j 19:23	30°♋♊			min. Earth dist.	-4111 Jul 03 j 02:47	12°♊54'08	0.62730 AU			
min. Earth dist.	-4112 Jul 20 j 11:19	29°♊18'22	0.64399 AU		inferior conj	-4111 Jul 05 j 23:51	10°♊06'02	-4°01'01			
inferior conj	-4112 Jul 22 j 18:58	26°♊47'00	-3°28'55		minimum elong	-4111 Jul 06 j 02:51	9°♊58'41	4°00'25			
minimum elong	-4112 Jul 22 j 22:42	26°♊36'47	3°27'51		morning rise	-4111 Jul 12 j 18:05	4°♊57'56				
morning rise	-4112 Jul 29 j 03:15	21°♊20'14			direct	-4111 Jul 15 j 08:46	4°♊26'22				
direct	-4112 Jul 31 j 21:13	20°♊41'01			asc. node	-4111 Jul 21 j 23:24	7°♊48'11				
asc. node	-4112 Aug 04 j 02:20	21°♊34'14			morning max el	-4111 Jul 22 j 00:22	7°♊50'33	17°56'23			
morning max el	-4112 Aug 07 j 09:34	24°♊09'22	18°05'21			-4111 Aug 05 j 12:18	0°♋				
	-4112 Aug 12 j 02:51	0°♋			morning set	-4111 Aug 07 j 12:01	3°♋32'00				
morning set	-4112 Aug 25 j 04:10	21°♋17'05									
	-4112 Aug 30 j 08:19	0°♌			superior conj	-4111 Aug 19 j 00:04	23°♋33'49	1°23'37			
superior conj	-4112 Sep 07 j 13:34	13°♌30'18	0°49'51		minimum elong	-4111 Aug 19 j 05:29	23°♋56'37	1°23'17			
minimum elong	-4112 Sep 07 j 18:48	13°♌51'28	0°49'21			-4111 Aug 22 j 20:37	0°♌				
max. Earth dist.	-4112 Sep 12 j 04:37	20°♌55'14	1.44340 AU		max. Earth dist.	-4111 Aug 25 j 18:21	4°♌45'16	1.43205 AU			
desc. node	-4112 Sep 15 j 15:17	26°♌22'03			desc. node	-4111 Sep 02 j 12:16	17°♌04'44				
	-4112 Sep 17 j 22:50	0°♍			evening rise	-4111 Sep 03 j 04:58	18°♌09'49				
evening rise	-4112 Sep 24 j 00:58	9°♍28'12				-4111 Sep 10 j 22:25	0°♍				
greatest brilliancy	-4112 Oct 07 j 16:26	0°♎15'38	-0.6m		evening max el	-4111 Oct 02 j 19:17	0°♎				
	-4112 Oct 07 j 12:13	0°♎			retrograde	-4111 Oct 03 j 08:28	0°♎34'16	21°13'08			
evening max el	-4112 Oct 20 j 08:59	17°♎07'56	20°05'48		evening set	-4111 Oct 11 j 22:22	5°♎39'11				
retrograde	-4112 Oct 28 j 01:33	21°♎38'22			asc. node	-4111 Oct 15 j 23:58	4°♎06'07				
asc. node	-4112 Oct 31 j 01:15	20°♎46'33				-4111 Oct 17 j 22:22	2°♎17'13				
evening set	-4112 Oct 31 j 16:16	20°♎22'25				-4111 Oct 19 j 19:38	30°♎♍				
inferior conj	-4112 Nov 06 j 04:03	14°♎19'30	1°59'18		inferior conj	-4111 Oct 21 j 08:47	27°♎54'38	1°09'25			
minimum elong	-4112 Nov 06 j 01:33	14°♎27'50	1°58'20		minimum elong	-4111 Oct 21 j 07:14	27°♎59'58	1°08'48			
min. Earth dist.	-4112 Nov 07 j 00:36	13°♎11'02	0.66622 AU		min. Earth dist.	-4111 Oct 21 j 18:09	27°♎22'31	0.67173 AU			
morning rise	-4112 Nov 11 j 10:36	8°♎05'07			morning rise	-4111 Oct 26 j 14:19	21°♎39'09				
direct	-4112 Nov 17 j 05:27	5°♎33'10			direct	-4111 Oct 31 j 17:59	19°♎27'01				
morning max el	-4112 Nov 28 j 23:46	12°♎32'43	25°06'37		morning max el	-4111 Nov 11 j 08:40	25°♎47'17	23°41'48			
desc. node	-4112 Dec 12 j 15:10	29°♎19'45				-4111 Nov 15 j 04:51	0°♏				
	-4112 Dec 13 j 02:40	0°♏			desc. node	-4111 Nov 29 j 12:09	19°♏09'38				
	-4111 Jan 01 j 05:40	0°♐				-4111 Dec 06 j 16:26	0°♏				
morning set	-4111 Jan 04 j 04:14	5°♐10'31			morning set	-4111 Dec 16 j 15:24	16°♏10'58				
max. Earth dist.	-4111 Jan 07 j 21:42	11°♐58'17	1.36911 AU		max. Earth dist.	-4111 Dec 20 j 17:28	23°♏14'43	1.38924 AU			
						-4111 Dec 24 j 11:58	0°♑				
superior conj	-4111 Jan 14 j 02:58	23°♑53'12	-1°42'41		superior conj	-4111 Dec 28 j 03:30	6°♑44'53	-1°52'55			
minimum elong	-4111 Jan 14 j 05:46	24°♑07'00	1°42'38		minimum elong	-4111 Dec 28 j 04:48	6°♑51'02	1°53'03			
	-4111 Jan 17 j 04:42	0°♒			evening rise	-4110 Jan 06 j 05:13	24°♑13'47				
evening rise	-4111 Jan 22 j 09:08	10°♒27'23				-4110 Jan 09 j 04:59	0°♒				
asc. node	-4111 Jan 27 j 00:15	19°♒32'35			asc. node	-4110 Jan 13 j 21:20	8°♒33'50				
	-4111 Feb 02 j 00:48	0°♓			evening max el	-4110 Jan 22 j 15:30	20°♒42'02	18°44'26			
evening max el	-4111 Feb 08 j 16:08	8°♓21'14	19°32'44		retrograde	-4110 Jan 30 j 15:54	24°♒34'35				
retrograde	-4111 Feb 18 j 01:27	12°♓48'35			evening set	-4110 Feb 02 j 03:03	24°♒14'03				
evening set	-4111 Feb 20 j 09:26	12°♓33'20			inferior conj	-4110 Feb 09 j 19:42	19°♒51'00	3°33'49			
inferior conj	-4111 Feb 28 j 19:18	8°♓28'05	2°30'53		minimum elong	-4110 Feb 09 j 23:32	19°♒43'48	3°33'00			
minimum elong	-4111 Mar 01 j 00:19	8°♓20'00	2°29'22		min. Earth dist.	-4110 Feb 13 j 03:13	17°♒23'36	0.57950 AU			
min. Earth dist.	-4111 Mar 03 j 10:57	6°♓45'57	0.56304 AU		morning rise	-4110 Feb 17 j 17:35	14°♒38'09				
morning rise	-4111 Mar 09 j 12:35	3°♓43'08			direct	-4110 Feb 23 j 10:57	13°♒17'48				
desc. node	-4111 Mar 10 j 14:19	3°♓24'08			desc. node	-4110 Feb 25 j 11:26	13°♒27'48				
direct	-4111 Mar 14 j 00:25	2°♓57'23			morning max el	-4110 Mar 09 j 16:57	20°♒44'38	26°07'05			
morning max el	-4111 Mar 28 j 01:19	10°♓03'48	24°38'29			-4110 Mar 17 j 16:46	0°♓				
	-4111 Apr 11 j 23:05	0°♔				-4110 Apr 04 j 11:33	0°♔				
morning set	-4111 Apr 22 j 15:18	20°♔25'40			morning set	-4110 Apr 07 j 02:59	5°♔26'29				
asc. node	-4111 Apr 24 j 23:50	25°♔26'04			asc. node	-4110 Apr 11 j 20:50	15°♔37'04				
	-4111 Apr 27 j 02:35	0°♕									
superior conj	-4111 Apr 29 j 16:01	5°♕33'15	0°46'54		superior conj	-4110 Apr 14 j 03:13	20°♔34'06	0°23'27			
minimum elong	-4111 Apr 29 j 14:06	5°♕22'49	0°46'32		minimum elong	-4110 Apr 14 j 02:11	20°♔28'32	0°23'11			
max. Earth dist.	-4111 May 01 j 02:45	8°♕40'47	1.33171 AU		max. Earth dist.	-4110 Apr 14 j 14:42	21°♔36'52	1.32707 AU			
evening rise	-4111 May 06 j 23:21	20°♕58'48			evening rise	-4110 Apr 18 j 11:37	0°♖				
						-4110 Apr 21 j 04:51	5°♖43'41				


































































































































Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4110 May 04 j 04:48	0°♄		behind sun end	-4109 Mar 29 j 19:59	6°♄02'30	
evening max el	-4110 May 21 j 18:53	23°♄15'47	26°54'35	asc. node	-4109 Mar 29 j 17:51	5°♄50'47	
desc. node	-4110 May 24 j 10:07	25°♄36'07		evening rise	-4109 Apr 05 j 14:15	20°♄38'36	
	-4110 Jun 01 j 00:13	0°♄			-4109 Apr 10 j 04:55	0°♄	
retrograde	-4110 Jun 04 j 18:57	0°♄36'20			-4109 Apr 29 j 05:14	0°♄	
	-4110 Jun 08 j 11:23	30°♄		evening max el	-4109 May 03 j 17:17	4°♄49'06	25°54'49
evening set	-4110 Jun 11 j 13:13	28°♄34'36		desc. node	-4109 May 11 j 07:13	10°♄24'47	
min. Earth dist.	-4110 Jun 15 j 08:24	25°♄51'26	0.60786 AU	retrograde	-4109 May 17 j 19:19	12°♄04'32	
inferior conj	-4110 Jun 18 j 15:22	23°♄02'56	-4°17'33	evening set	-4109 May 23 j 16:46	10°♄40'21	
minimum elong	-4110 Jun 18 j 16:16	23°♄00'59	4°17'23	min. Earth dist.	-4109 May 28 j 05:46	7°♄56'23	0.58744 AU
morning rise	-4110 Jun 25 j 21:06	18°♄15'52		inferior conj	-4109 May 31 j 13:51	5°♄28'28	-4°10'09
direct	-4110 Jun 28 j 10:06	17°♄50'11		minimum elong	-4109 May 31 j 11:25	5°♄33'00	4°09'50
morning max el	-4110 Jul 05 j 13:01	21°♄19'54	18°06'19	morning rise	-4109 Jun 08 j 08:43	1°♄03'20	
asc. node	-4110 Jul 08 j 20:27	25°♄08'16		direct	-4109 Jun 10 j 20:48	0°♄42'31	
	-4110 Jul 12 j 04:09	0°♄		morning max el	-4109 Jun 18 j 20:45	4°♄29'54	18°36'05
morning set	-4110 Jul 21 j 13:19	16°♄37'49		asc. node	-4109 Jun 25 j 17:29	13°♄20'20	
	-4110 Jul 28 j 19:20	0°♄			-4109 Jul 04 j 22:37	0°♄	
				morning set	-4109 Jul 05 j 03:26	0°♄23'13	
superior conj	-4110 Jul 31 j 13:44	4°♄58'01	1°42'46				
minimum elong	-4110 Jul 31 j 16:42	5°♄11'11	1°42'47	superior conj	-4109 Jul 14 j 01:58	17°♄31'19	1°49'11
max. Earth dist.	-4110 Aug 08 j 02:57	18°♄00'35	1.41570 AU	minimum elong	-4109 Jul 14 j 02:17	17°♄32'49	1°49'21
evening rise	-4110 Aug 13 j 20:04	27°♄23'33			-4109 Jul 20 j 22:55	0°♄	
	-4110 Aug 15 j 11:12	0°♄		max. Earth dist.	-4109 Jul 21 j 06:20	0°♄32'33	1.39658 AU
desc. node	-4110 Aug 20 j 09:15	7°♄41'40		evening rise	-4109 Jul 25 j 11:26	7°♄47'15	
	-4110 Sep 04 j 15:56	0°♄		desc. node	-4109 Aug 07 j 06:14	28°♄09'07	
evening max el	-4110 Sep 16 j 01:51	13°♄59'46	22°29'51		-4109 Aug 08 j 11:53	0°♄	
retrograde	-4110 Sep 25 j 17:13	19°♄43'04		evening max el	-4109 Aug 29 j 14:36	27°♄26'20	23°50'33
evening set	-4110 Sep 30 j 07:49	17°♄50'49			-4109 Sep 01 j 09:14	0°♄	
asc. node	-4110 Oct 04 j 19:30	12°♄41'53		retrograde	-4109 Sep 09 j 09:00	3°♄47'26	
inferior conj	-4110 Oct 05 j 15:13	11°♄34'01	0°16'52	evening set	-4109 Sep 14 j 14:02	1°♄35'24	
minimum elong	-4110 Oct 05 j 14:50	11°♄35'23	0°16'47		-4109 Sep 16 j 04:47	30°♄	
min. Earth dist.	-4110 Oct 05 j 14:09	11°♄37'43	0.67414 AU	inferior conj	-4109 Sep 19 j 21:38	25°♄16'37	-0°36'37
morning rise	-4110 Oct 10 j 21:44	5°♄20'18		minimum elong	-4109 Sep 19 j 22:29	25°♄13'42	0°36'09
direct	-4110 Oct 15 j 10:37	3°♄29'51		min. Earth dist.	-4109 Sep 19 j 10:16	25°♄55'19	0.67354 AU
morning max el	-4110 Oct 24 j 20:40	9°♄05'51	22°16'00	asc. node	-4109 Sep 21 j 16:37	22°♄53'26	
	-4110 Nov 10 j 01:33	0°♄		morning rise	-4109 Sep 25 j 06:54	19°♄07'31	
desc. node	-4110 Nov 16 j 09:07	9°♄20'17		direct	-4109 Sep 29 j 06:27	17°♄37'49	
morning set	-4110 Nov 26 j 22:05	25°♄47'29		morning max el	-4109 Oct 07 j 14:43	22°♄32'07	20°56'36
	-4110 Nov 29 j 12:05	0°♄			-4109 Oct 13 j 21:30	0°♄	
max. Earth dist.	-4110 Dec 02 j 15:56	5°♄15'18	1.40985 AU	desc. node	-4109 Nov 03 j 06:03	29°♄45'38	
					-4109 Nov 03 j 09:47	0°♄	
superior conj	-4110 Dec 10 j 09:44	18°♄39'35	-1°53'11	morning set	-4109 Nov 06 j 03:54	4°♄16'34	
minimum elong	-4110 Dec 10 j 08:08	18°♄32'24	1°53'17	max. Earth dist.	-4109 Nov 14 j 21:08	18°♄09'05	1.42794 AU
	-4110 Dec 16 j 15:19	0°♄					
evening rise	-4110 Dec 20 j 14:57	7°♄25'37		superior conj	-4109 Nov 21 j 16:00	29°♄23'34	-1°39'41
asc. node	-4110 Dec 31 j 18:24	26°♄59'58		minimum elong	-4109 Nov 21 j 10:43	29°♄01'15	1°39'23
	-4109 Jan 02 j 21:28	0°♄			-4109 Nov 22 j 00:37	0°♄	
evening max el	-4109 Jan 05 j 22:04	3°♄29'13	18°16'13	evening rise	-4109 Dec 03 j 10:35	19°♄55'06	
retrograde	-4109 Jan 13 j 00:53	7°♄02'47			-4109 Dec 09 j 03:01	0°♄	
evening set	-4109 Jan 15 j 14:57	6°♄35'36		asc. node	-4109 Dec 18 j 15:29	14°♄40'34	
inferior conj	-4109 Jan 22 j 16:24	1°♄51'02	4°00'51	evening max el	-4109 Dec 20 j 09:06	16°♄35'19	18°07'52
minimum elong	-4109 Jan 22 j 17:27	1°♄48'45	4°00'38	retrograde	-4109 Dec 27 j 00:49	20°♄03'31	
	-4109 Jan 24 j 19:18	30°♄		evening set	-4109 Dec 29 j 17:46	19°♄28'48	
min. Earth dist.	-4109 Jan 25 j 23:57	28°♄59'27	0.59919 AU	inferior conj	-4108 Jan 05 j 06:54	14°♄22'57	4°00'17
morning rise	-4109 Jan 29 j 18:14	26°♄16'55		minimum elong	-4108 Jan 05 j 05:31	14°♄26'23	4°00'01
direct	-4109 Feb 05 j 09:05	24°♄17'46		min. Earth dist.	-4108 Jan 08 j 04:37	11°♄30'28	0.61894 AU
desc. node	-4109 Feb 12 j 08:32	26°♄19'07		morning rise	-4108 Jan 11 j 16:11	8°♄34'00	
	-4109 Feb 17 j 11:46	0°♄		direct	-4108 Jan 18 j 16:58	6°♄03'08	
morning max el	-4109 Feb 19 j 13:48	1°♄55'13	27°11'02	desc. node	-4108 Jan 30 j 05:37	11°♄29'56	
	-4109 Mar 11 j 21:31	0°♄		morning max el	-4108 Feb 01 j 17:01	13°♄46'34	27°40'48
morning set	-4109 Mar 22 j 12:22	20°♄19'14			-4108 Feb 14 j 19:26	0°♄	
	-4109 Mar 27 j 01:32	0°♄			-4108 Mar 03 j 06:20	0°♄	
max. Earth dist.	-4109 Mar 29 j 04:16	4°♄36'27	1.32571 AU	morning set	-4108 Mar 05 j 17:23	4°♄56'21	
				max. Earth dist.	-4108 Mar 11 j 15:28	17°♄24'40	1.32786 AU
superior conj	-4109 Mar 29 j 14:56	5°♄34'51	-0°01'16				
minimum elong	-4109 Mar 29 j 15:00	5°♄35'10	0°01'21	superior conj	-4108 Mar 13 j 01:32	20°♄29'15	-0°26'22
behind sun begin	-4109 Mar 29 j 10:00	5°♄07'51		minimum elong	-4108 Mar 13 j 02:43	20°♄35'41	0°26'15

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4108 Mar 15 j 14:49	26° \approx 02'35		asc. node	-4107 Mar 02 j 11:49	16° \approx 08'46	
	-4108 Mar 17 j 10:38	0° H		evening rise	-4107 Mar 04 j 13:05	20° \approx 29'45	
evening rise	-4108 Mar 20 j 01:35	5° H 35'59			-4107 Mar 09 j 05:22	0° H	
	-4108 Apr 02 j 02:54	0° Y		evening max el	-4107 Mar 27 j 02:35	26° H 28'48	22°57'40
evening max el	-4108 Apr 14 j 10:13	15° Y 45'49	24°31'31		-4107 Mar 31 j 10:38	0° Y	
desc. node	-4108 Apr 27 j 04:21	22° Y 44'56		retrograde	-4107 Apr 09 j 09:36	3° Y 00'52	
retrograde	-4108 Apr 28 j 08:51	22° Y 48'11		evening set	-4107 Apr 12 j 17:23	2° Y 36'40	
evening set	-4108 May 02 j 23:29	22° Y 00'08		desc. node	-4107 Apr 14 j 01:28	2° Y 14'05	
min. Earth dist.	-4108 May 08 j 22:11	18° Y 59'57	0.56902 AU		-4107 Apr 19 j 00:28	30° R H	
inferior conj	-4108 May 11 j 16:25	17° Y 13'24	-3°28'33	min. Earth dist.	-4107 Apr 20 j 12:49	29° H 08'46	0.55619 AU
minimum elong	-4108 May 11 j 10:58	17° Y 22'15	3°27'23	inferior conj	-4107 Apr 22 j 00:01	28° H 17'40	-2°06'49
morning rise	-4108 May 20 j 01:37	13° Y 06'58		minimum elong	-4107 Apr 21 j 18:50	28° H 25'13	2°05'15
direct	-4108 May 22 j 12:53	12° Y 50'06		morning rise	-4107 Apr 30 j 22:34	24° H 20'09	
morning max el	-4108 May 31 j 20:40	17° Y 10'09	19°26'14	direct	-4107 May 03 j 11:08	24° H 04'56	
	-4108 Jun 10 j 08:29	0° B		morning max el	-4107 May 14 j 10:24	29° H 11'59	20°36'23
asc. node	-4108 Jun 11 j 14:30	2° B 11'23			-4107 May 15 j 06:18	0° Y	
morning set	-4108 Jun 18 j 02:39	14° B 37'47		asc. node	-4107 May 29 j 11:30	21° Y 31'58	
	-4108 Jun 25 j 19:26	0° II		morning set	-4107 Jun 02 j 08:11	29° Y 14'11	
					-4107 Jun 02 j 17:09	0° B	
superior conj	-4108 Jun 26 j 06:55	0° II 56'20	1°45'47	superior conj	-4107 Jun 09 j 23:50	14° B 59'15	1°35'07
minimum elong	-4108 Jun 26 j 05:23	0° II 48'47	1°45'52	minimum elong	-4107 Jun 09 j 21:20	14° B 46'34	1°35'01
max. Earth dist.	-4108 Jul 02 j 08:02	12° II 27'44	1.37727 AU	max. Earth dist.	-4107 Jun 14 j 14:49	24° B 13'12	1.36006 AU
evening rise	-4108 Jul 06 j 04:36	19° II 26'57			-4107 Jun 17 j 15:05	0° II	
	-4108 Jul 12 j 08:11	0° E		evening rise	-4107 Jun 18 j 19:15	2° II 11'55	
desc. node	-4108 Jul 24 j 03:14	18° E 21'22			-4107 Jul 05 j 08:24	0° E	
	-4108 Aug 01 j 14:18	0° O		desc. node	-4107 Jul 11 j 00:16	8° E 11'33	
evening max el	-4108 Aug 11 j 01:16	10° O 55'37	25°08'22	evening max el	-4107 Jul 24 j 12:10	24° E 26'44	26°15'17
retrograde	-4108 Aug 22 j 20:48	17° O 47'44			-4107 Jul 31 j 14:14	0° O	
evening set	-4108 Aug 28 j 16:47	15° O 17'47		retrograde	-4107 Aug 06 j 03:52	1° O 38'46	
min. Earth dist.	-4108 Sep 02 j 04:03	10° O 13'24	0.66981 AU		-4107 Aug 11 j 04:26	30° R E	
inferior conj	-4108 Sep 03 j 02:16	9° O 00'23	-1°29'27	evening set	-4107 Aug 12 j 14:01	28° E 55'43	
minimum elong	-4108 Sep 03 j 04:20	8° O 53'34	1°28'29	min. Earth dist.	-4107 Aug 16 j 17:09	24° E 29'12	0.66270 AU
asc. node	-4108 Sep 07 j 13:43	3° O 49'57		inferior conj	-4107 Aug 18 j 03:18	22° E 43'07	-2°19'52
morning rise	-4108 Sep 08 j 15:56	2° O 58'53		minimum elong	-4107 Aug 18 j 06:24	22° E 33'29	2°18'37
direct	-4108 Sep 12 j 04:16	1° O 47'21		morning rise	-4107 Aug 23 j 22:58	16° E 52'25	
morning max el	-4108 Sep 19 j 15:58	6° O 06'47	19°48'45	asc. node	-4107 Aug 25 j 10:49	16° E 11'21	
	-4108 Oct 06 j 23:20	0° M		direct	-4107 Aug 27 j 02:25	15° E 55'46	
morning set	-4108 Oct 15 j 02:40	12° M 32'16		morning max el	-4107 Sep 02 j 23:46	19° E 48'35	18°55'33
desc. node	-4108 Oct 20 j 02:59	20° M 20'49			-4107 Sep 10 j 20:28	0° O	
	-4108 Oct 26 j 06:08	0° A		morning set	-4107 Sep 24 j 17:15	21° O 38'29	
max. Earth dist.	-4108 Oct 27 j 08:57	1° A 46'27	1.44106 AU		-4107 Sep 29 j 23:59	0° M	
				desc. node	-4107 Oct 06 j 23:54	11° M 01'57	
superior conj	-4108 Oct 31 j 18:44	8° A 50'17	-1°09'38	max. Earth dist.	-4107 Oct 10 j 01:29	15° M 51'52	1.44770 AU
minimum elong	-4108 Oct 31 j 11:50	8° A 22'25	1°08'53				
	-4108 Nov 13 j 13:39	0° M		superior conj	-4107 Oct 10 j 23:11	17° M 17'24	-0°24'59
evening rise	-4108 Nov 14 j 11:32	1° M 32'40		minimum elong	-4107 Oct 10 j 19:56	17° M 04'37	0°24'31
evening max el	-4108 Dec 02 j 21:49	29° M 53'44	18°18'40		-4107 Oct 18 j 23:40	0° A	
	-4108 Dec 03 j 00:18	0° A		evening rise	-4107 Oct 26 j 13:13	12° A 08'48	
asc. node	-4108 Dec 04 j 12:33	1° A 22'32			-4107 Nov 06 j 15:49	0° M	
retrograde	-4108 Dec 09 j 11:10	3° A 27'36		evening max el	-4107 Nov 16 j 09:31	13° M 18'06	18°47'28
evening set	-4108 Dec 12 j 07:57	2° A 44'02		asc. node	-4107 Nov 21 j 09:40	16° M 49'53	
	-4108 Dec 15 j 22:26	30° R M		retrograde	-4107 Nov 23 j 04:02	17° M 07'09	
inferior conj	-4108 Dec 18 j 11:21	27° M 18'46	3°40'31	evening set	-4107 Nov 26 j 06:15	16° M 12'47	
minimum elong	-4108 Dec 18 j 08:35	27° M 26'27	3°39'53	inferior conj	-4107 Dec 02 j 02:06	10° M 30'28	3°07'41
min. Earth dist.	-4108 Dec 20 j 19:02	24° M 44'21	0.63655 AU	minimum elong	-4107 Dec 01 j 22:55	10° M 40'08	3°06'44
morning rise	-4108 Dec 24 j 08:35	21° M 19'23		min. Earth dist.	-4107 Dec 03 j 19:07	8° M 26'03	0.65092 AU
direct	-4108 Dec 31 j 08:55	18° M 31'01		morning rise	-4107 Dec 07 j 15:13	4° M 23'33	
morning max el	-4107 Jan 14 j 00:44	26° M 15'01	27°34'22	direct	-4107 Dec 14 j 07:27	1° M 32'51	
desc. node	-4107 Jan 16 j 02:40	28° M 24'00		morning max el	-4107 Dec 27 j 10:12	9° M 08'31	26°55'26
	-4107 Jan 17 j 13:25	0° A		desc. node	-4106 Jan 02 j 23:42	16° M 30'28	
	-4107 Feb 07 j 07:43	0° B			-4106 Jan 12 j 20:53	0° A	
morning set	-4107 Feb 17 j 15:36	19° B 09'30			-4106 Jan 30 j 16:37	0° B	
	-4107 Feb 22 j 22:35	0° \approx		morning set	-4106 Feb 01 j 03:42	2° B 46'57	
max. Earth dist.	-4107 Feb 22 j 20:24	29° B 48'33	1.33387 AU	max. Earth dist.	-4106 Feb 05 j 15:26	11° B 37'47	1.34416 AU
superior conj	-4107 Feb 25 j 09:19	5° \approx 11'40	-0°50'56	superior conj	-4106 Feb 09 j 12:11	19° B 34'11	-1°13'50
minimum elong	-4107 Feb 25 j 11:32	5° \approx 23'27	0°50'40				

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4106 Feb 09 j 15:07	19°  49'29	1°13'33			-4105 Jan 06 j 03:16	0° 		
	-4106 Feb 14 j 11:11	0° 		morning set		-4105 Jan 15 j 01:21	15°  35'49		
evening rise	-4106 Feb 16 j 22:56	5°  12'50		max. Earth dist.		-4105 Jan 18 j 22:59	22°  55'48	1.35892 AU	
asc. node	-4106 Feb 17 j 08:49	6°  04'04				-4105 Jan 22 j 13:48	0° 		
	-4106 Mar 02 j 18:01	0° 							
evening max el	-4106 Mar 09 j 00:27	7°  24'00	21°26'55	superior conj		-4105 Jan 24 j 07:35	3°  29'08	-1°33'33	
retrograde	-4106 Mar 21 j 00:08	13°  09'07		minimum elong		-4105 Jan 24 j 10:41	3°  44'46	1°33'23	
evening set	-4106 Mar 23 j 13:01	12°  54'30		evening rise		-4105 Feb 01 j 05:16	19°  39'11		
desc. node	-4106 Mar 31 j 22:37	9°  24'24		asc. node		-4105 Feb 04 j 05:52	25°  34'31		
inferior conj	-4106 Apr 01 j 20:11	8°  54'07	-0°14'57			-4105 Feb 06 j 11:04	0° 		
minimum elong	-4106 Apr 01 j 19:28	8°  55'07	0°14'46	evening max el		-4105 Feb 19 j 07:56	18°  49'50	20°09'11	
transit middle	-4106 Apr 01 j 19:28	8°  55'07	0°14'46	retrograde		-4105 Mar 01 j 15:38	23°  43'45		
transit begin	-4106 Apr 01 j 18:00	8°  57'11		evening set		-4105 Mar 03 j 23:10	23°  30'03		
transit end	-4106 Apr 01 j 20:57	8°  53'02		inferior conj		-4105 Mar 12 j 18:31	19°  30'26	1°37'42	
min. Earth dist.	-4106 Apr 02 j 02:52	8°  44'41	0.55170 AU	minimum elong		-4105 Mar 12 j 22:29	19°  24'28	1°36'18	
morning rise	-4106 Apr 11 j 02:01	4°  50'02		min. Earth dist.		-4105 Mar 14 j 16:52	18°  20'57	0.55649 AU	
direct	-4106 Apr 13 j 23:51	4°  31'25		desc. node		-4105 Mar 18 j 19:47	16°  09'08		
morning max el	-4106 Apr 26 j 13:08	10°  31'28	22°03'58	morning rise		-4105 Mar 21 j 19:57	15°  03'13		
	-4106 May 10 j 13:05	0° 		direct		-4105 Mar 25 j 15:03	14°  31'38		
asc. node	-4106 May 16 j 08:29	11°  07'14		morning max el		-4105 Apr 08 j 07:18	21°  17'41	23°42'05	
morning set	-4106 May 17 j 17:48	14°  05'44				-4105 Apr 15 j 18:41	0° 		
				morning set		-4105 May 02 j 05:34	29°  06'04		
superior conj	-4106 May 25 j 01:03	29°  07'01	1°19'11			-4105 May 02 j 15:50	0° 		
minimum elong	-4106 May 24 j 22:22	29°  14'55	1°18'54	asc. node		-4105 May 03 j 05:28	1°  11'53		
	-4106 May 25 j 06:57	0° 							
max. Earth dist.	-4106 May 28 j 07:14	6°  14'39	1.34615 AU	superior conj		-4105 May 09 j 07:48	14°  16'49	0°59'30	
evening rise	-4106 Jun 02 j 01:59	15°  46'42		minimum elong		-4105 May 09 j 05:29	14°  04'22	0°59'07	
	-4106 Jun 09 j 19:23	0° 		max. Earth dist.		-4105 May 11 j 09:23	18°  07'41	1.33592 AU	
desc. node	-4106 Jun 27 j 21:20	27°  30'11		evening rise		-4105 May 16 j 20:12	29°  07'21		
	-4106 Jun 29 j 20:54	0° 				-4105 May 16 j 20:43	0° 		
evening max el	-4106 Jul 06 j 23:43	7°  52'25	27°03'06			-4105 Jun 02 j 20:35	0° 		
retrograde	-4106 Jul 20 j 05:38	15°  13'49		desc. node		-4105 Jun 14 j 18:26	16°  03'27		
evening set	-4106 Jul 27 j 03:13	12°  25'53		evening max el		-4105 Jun 19 j 10:20	21°  00'02	27°24'41	
min. Earth dist.	-4106 Jul 30 j 23:08	8°  37'31	0.65190 AU	retrograde		-4105 Jul 03 j 01:40	28°  02'40		
inferior conj	-4106 Aug 01 j 22:37	6°  21'11	-3°05'43	evening set		-4105 Jul 10 j 05:15	25°  02'53		
minimum elong	-4106 Aug 02 j 02:19	6°  10'31	3°04'29	min. Earth dist.		-4105 Jul 13 j 20:03	22°  28'45	0.63730 AU	
morning rise	-4106 Aug 08 j 01:50	0° 		inferior conj		-4105 Jul 16 j 09:37	19°  48'47	-3°44'03	
direct	-4106 Aug 10 j 22:44	29°  05'47		minimum elong		-4105 Jul 16 j 13:12	19°  39'28	3°43'09	
	-4106 Aug 10 j 17:53	30°  08'11		morning rise		-4105 Jul 22 j 21:57	14°  29'43		
	-4106 Aug 11 j 03:36	0° 		direct		-4105 Jul 25 j 14:24	13°  53'53		
asc. node	-4106 Aug 12 j 07:55	0° 		asc. node		-4105 Jul 30 j 04:59	15°  38'46		
morning max el	-4106 Aug 17 j 12:17	3°  34'24	18°18'45	morning max el		-4105 Aug 01 j 03:03	17°  19'01	17°59'23	
	-4106 Sep 04 j 04:43	0° 				-4105 Aug 10 j 05:31	0° 		
morning set	-4106 Sep 05 j 10:45	2°  03'59		morning set		-4105 Aug 18 j 06:01	13°  42'41		
						-4105 Aug 27 j 19:28	0° 		
superior conj	-4106 Sep 20 j 00:08	25°  03'23	0°24'21						
minimum elong	-4106 Sep 20 j 03:09	25°  01'23	0°24'04	superior conj		-4105 Aug 30 j 19:07	4°  05'34	1°05'58	
	-4106 Sep 22 j 17:55	0° 		minimum elong		-4105 Aug 31 j 00:56	5°  02'27	1°05'28	
max. Earth dist.	-4106 Sep 22 j 19:56	0°  07'56	1.44707 AU	max. Earth dist.		-4105 Sep 05 j 12:29	14°  01'34	1.43930 AU	
desc. node	-4106 Sep 23 j 20:50	1°  04'14		desc. node		-4105 Sep 10 j 17:47	22°  03'11		
evening rise	-4106 Oct 06 j 14:10	21°  04'15		evening rise		-4105 Sep 15 j 20:59	0° 		
	-4106 Oct 11 j 21:54	0° 				-4105 Sep 15 j 13:15	0° 		
greatest brilliancy	-4106 Oct 17 j 23:18	9°  21'04	-0.7m			-4105 Oct 05 j 16:04	0° 		
evening max el	-4106 Oct 30 j 17:49	26°  44'56	19°32'50	evening max el		-4105 Oct 13 j 20:45	10°  11'12	20°32'56	
	-4106 Nov 03 j 17:22	0° 		retrograde		-4105 Oct 21 j 21:40	14°  05'38		
retrograde	-4106 Nov 07 j 00:21	0°  57'46		evening set		-4105 Oct 25 j 16:48	13°  32'30		
asc. node	-4106 Nov 08 j 06:48	0° 		asc. node		-4105 Oct 26 j 03:56	13°  10'52		
evening set	-4106 Nov 10 j 09:57	29°  50'16		inferior conj		-4105 Oct 31 j 03:06	7°  25'16	1°38'34	
	-4106 Nov 10 j 03:50	30°  08'11		minimum elong		-4105 Oct 31 j 00:58	7°  32'30	1°37'44	
inferior conj	-4106 Nov 16 j 00:11	23°  53'50	2°26'04	min. Earth dist.		-4105 Oct 31 j 18:39	6°  32'40	0.66897 AU	
minimum elong	-4106 Nov 15 j 21:17	24°  03'13	2°25'02	morning rise		-4105 Nov 05 j 08:58	1°  10'11		
min. Earth dist.	-4106 Nov 17 j 03:41	22°  24'43	0.66169 AU			-4105 Nov 06 j 21:56	30°  08'11		
morning rise	-4106 Nov 21 j 08:23	17°  41'37		direct		-4105 Nov 10 j 21:17	28°  04'32		
direct	-4106 Nov 27 j 11:42	15°  00'41				-4105 Nov 15 j 06:13	0° 		
morning max el	-4106 Dec 09 j 19:32	22°  16'27	25°51'19	morning max el		-4105 Nov 22 j 04:22	5°  30'20	24°31'16	
	-4106 Dec 16 j 15:24	0° 		desc. node		-4105 Dec 07 j 17:42	25°  02'06		
desc. node	-4106 Dec 20 j 20:43	5°  28'12				-4105 Dec 11 j 03:38	0° 		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning set	-4105 Dec 28 j 02:56	27° \mathbb{M} 20'50		desc. node	-4104 Nov 23 j 14:40	15° \mathbb{A} 01'33	
	-4105 Dec 29 j 15:04	0° \mathbb{X}			-4104 Dec 03 j 07:49	0° \mathbb{M}	
max. Earth dist.	-4105 Dec 31 j 21:23	4° \mathbb{X} 03'44	1.37747 AU	morning set	-4104 Dec 08 j 02:22	7° \mathbb{M} 46'27	
				max. Earth dist.	-4104 Dec 12 j 17:11	15° \mathbb{M} 34'56	1.39806 AU
superior conj	-4104 Jan 07 j 16:13	16° \mathbb{X} 47'10	-1°48'01	superior conj	-4104 Dec 20 j 09:38	29° \mathbb{M} 16'16	-1°54'29
minimum elong	-4104 Jan 07 j 18:33	16° \mathbb{X} 58'28	1°48'04	minimum elong	-4104 Dec 20 j 09:53	29° \mathbb{M} 17'23	1°54'38
	-4104 Jan 14 j 09:08	0° \mathbb{B}			-4104 Dec 20 j 19:08	0° \mathbb{X}	
evening rise	-4104 Jan 16 j 05:53	3° \mathbb{B} 42'32		evening rise	-4104 Dec 29 j 22:00	17° \mathbb{X} 15'19	
asc. node	-4104 Jan 22 j 02:55	15° \mathbb{B} 01'08			-4103 Jan 05 j 18:14	0° \mathbb{B}	
	-4104 Feb 01 j 05:08	0° \approx		asc. node	-4103 Jan 07 j 24:00	3° \mathbb{B} 48'54	
evening max el	-4104 Feb 02 j 01:53	0° \approx 51'52	19°09'40	evening max el	-4103 Jan 15 j 04:39	13° \mathbb{B} 25'07	18°29'59
retrograde	-4104 Feb 10 j 20:09	5° \approx 03'00		retrograde	-4103 Jan 22 j 18:41	17° \mathbb{B} 07'54	
evening set	-4104 Feb 13 j 05:14	4° \approx 45'49		evening set	-4103 Jan 25 j 06:58	16° \mathbb{B} 44'49	
inferior conj	-4104 Feb 21 j 07:39	0° \approx 33'31	3°02'19	inferior conj	-4103 Feb 01 j 16:51	12° \mathbb{B} 13'05	3°49'13
minimum elong	-4104 Feb 21 j 12:32	0° \approx 25'08	3°01'02	minimum elong	-4103 Feb 01 j 19:34	12° \mathbb{B} 07'40	3°48'45
	-4104 Feb 22 j 03:06	30° \mathbb{R} \mathbb{B}		min. Earth dist.	-4103 Feb 05 j 02:09	9° \mathbb{B} 32'09	0.58762 AU
min. Earth dist.	-4104 Feb 24 j 08:02	28° \mathbb{B} 30'08	0.56938 AU	morning rise	-4103 Feb 09 j 05:54	6° \mathbb{B} 49'58	
morning rise	-4104 Feb 29 j 17:10	25° \mathbb{B} 35'52		direct	-4103 Feb 15 j 09:40	5° \mathbb{B} 12'42	
desc. node	-4104 Mar 04 j 16:55	24° \mathbb{B} 39'31		desc. node	-4103 Feb 19 j 14:01	5° \mathbb{B} 56'12	
direct	-4104 Mar 05 j 17:42	24° \mathbb{B} 36'59		morning max el	-4103 Mar 01 j 15:56	12° \mathbb{B} 45'50	26°37'58
	-4104 Mar 17 j 19:56	0° \approx			-4103 Mar 15 j 05:48	0° \approx	
morning max el	-4104 Mar 19 j 22:22	1° \approx 53'54	25°18'27	morning set	-4103 Mar 31 j 04:43	29° \approx 07'48	
	-4104 Apr 08 j 14:44	0° \mathbb{H}			-4103 Mar 31 j 14:41	0° \mathbb{H}	
morning set	-4104 Apr 15 j 17:48	14° \mathbb{H} 09'22		asc. node	-4103 Apr 05 j 23:27	11° \mathbb{H} 32'51	
asc. node	-4104 Apr 19 j 02:28	21° \mathbb{H} 19'58					
superior conj	-4104 Apr 22 j 17:57	29° \mathbb{H} 15'41	0°37'10	superior conj	-4103 Apr 07 j 05:35	14° \mathbb{H} 17'39	0°13'05
minimum elong	-4104 Apr 22 j 16:23	29° \mathbb{H} 07'08	0°36'49	minimum elong	-4103 Apr 07 j 05:00	14° \mathbb{H} 14'30	0°12'54
	-4104 Apr 23 j 02:06	0° \mathbb{Y}		behind sun begin	-4103 Apr 07 j 02:07	13° \mathbb{H} 58'40	
max. Earth dist.	-4104 Apr 23 j 18:41	1° \mathbb{Y} 30'06	1.32927 AU	behind sun end	-4103 Apr 07 j 07:54	14° \mathbb{H} 30'20	
evening rise	-4104 Apr 29 j 22:25	14° \mathbb{Y} 33'05		max. Earth dist.	-4103 Apr 07 j 07:35	14° \mathbb{H} 28'37	1.32604 AU
	-4104 May 07 j 22:05	0° \mathbb{B}		evening rise	-4103 Apr 14 j 05:49	29° \mathbb{H} 23'17	
	-4104 May 28 j 05:49	0° \mathbb{I}			-4103 Apr 14 j 12:53	0° \mathbb{Y}	
evening max el	-4104 May 31 j 17:42	3° \mathbb{I} 37'28	27°14'59	evening max el	-4103 May 01 j 05:37	0° \mathbb{B}	
desc. node	-4104 May 31 j 15:33	3° \mathbb{I} 32'18		desc. node	-4103 May 13 j 19:43	15° \mathbb{B} 35'04	26°32'39
retrograde	-4104 Jun 14 j 15:24	11° \mathbb{I} 00'45		retrograde	-4103 May 18 j 12:39	19° \mathbb{B} 29'03	
evening set	-4104 Jun 21 j 16:17	8° \mathbb{I} 40'29		retrograde	-4103 May 27 j 21:29	22° \mathbb{B} 54'40	
min. Earth dist.	-4104 Jun 25 j 07:05	5° \mathbb{I} 50'25	0.61929 AU	evening set	-4103 Jun 03 j 08:09	21° \mathbb{B} 08'20	
inferior conj	-4104 Jun 28 j 09:14	2° \mathbb{I} 59'28	-4°10'24	min. Earth dist.	-4103 Jun 07 j 09:01	18° \mathbb{B} 26'42	0.59911 AU
minimum elong	-4104 Jun 28 j 11:32	2° \mathbb{I} 54'09	4°10'00	inferior conj	-4103 Jun 10 j 17:54	15° \mathbb{B} 44'03	-4°17'58
	-4104 Jul 01 j 20:46	30° \mathbb{R} \mathbb{B}		minimum elong	-4103 Jun 10 j 17:30	15° \mathbb{B} 44'52	4°17'50
morning rise	-4104 Jul 05 j 08:13	28° \mathbb{B} 00'27		morning rise	-4103 Jun 18 j 05:03	11° \mathbb{B} 06'27	
direct	-4104 Jul 07 j 22:00	27° \mathbb{B} 31'38		direct	-4103 Jun 20 j 17:27	10° \mathbb{B} 43'05	
	-4104 Jul 13 j 16:24	0° \mathbb{I}		morning max el	-4103 Jun 28 j 04:17	14° \mathbb{B} 19'01	18°16'29
morning max el	-4104 Jul 14 j 17:21	0° \mathbb{I} 56'39	17°58'18	asc. node	-4103 Jul 02 j 23:04	20° \mathbb{B} 06'44	
asc. node	-4104 Jul 16 j 02:02	2° \mathbb{I} 22'58			-4103 Jul 08 j 23:18	0° \mathbb{I}	
morning set	-4104 Jul 30 j 21:52	26° \mathbb{I} 20'33		morning set	-4103 Jul 14 j 05:06	9° \mathbb{I} 44'11	
	-4104 Aug 01 j 22:19	0° \mathbb{E}					
superior conj	-4104 Aug 10 j 17:32	15° \mathbb{E} 35'32	1°33'28	superior conj	-4103 Jul 23 j 17:27	27° \mathbb{I} 30'52	1°46'52
minimum elong	-4104 Aug 10 j 22:02	15° \mathbb{E} 54'59	1°33'17	minimum elong	-4103 Jul 23 j 19:14	27° \mathbb{I} 38'57	1°46'59
max. Earth dist.	-4104 Aug 17 j 23:53	27° \mathbb{E} 49'17	1.42555 AU	max. Earth dist.	-4103 Jul 25 j 02:27	0° \mathbb{E}	
	-4104 Aug 19 j 07:50	0° \mathbb{Q}		evening rise	-4103 Jul 31 j 05:24	10° \mathbb{E} 43'50	1.40772 AU
evening rise	-4104 Aug 25 j 03:17	9° \mathbb{Q} 18'07			-4103 Aug 05 j 03:48	18° \mathbb{E} 58'54	
desc. node	-4104 Aug 27 j 14:45	13° \mathbb{Q} 10'39		desc. node	-4103 Aug 12 j 01:32	0° \mathbb{Q}	
	-4104 Sep 07 j 18:12	0° \mathbb{P}			-4103 Aug 14 j 11:43	3° \mathbb{Q} 44'01	
evening max el	-4104 Sep 25 j 17:24	23° \mathbb{P} 36'17	21°44'51	evening max el	-4103 Sep 02 j 04:05	0° \mathbb{P}	
retrograde	-4104 Oct 04 j 17:57	28° \mathbb{P} 57'56		retrograde	-4103 Sep 08 j 08:32	7° \mathbb{P} 02'03	23°04'10
evening set	-4104 Oct 09 j 00:47	27° \mathbb{P} 16'54		retrograde	-4103 Sep 18 j 11:41	13° \mathbb{P} 02'15	
asc. node	-4104 Oct 12 j 01:03	24° \mathbb{P} 08'36		evening set	-4103 Sep 23 j 08:08	11° \mathbb{P} 01'48	
inferior conj	-4104 Oct 14 j 08:47	21° \mathbb{P} 02'28	0°47'22	inferior conj	-4103 Sep 28 j 15:25	4° \mathbb{P} 43'44	-0°05'46
minimum elong	-4104 Oct 14 j 07:43	21° \mathbb{P} 06'12	0°46'57	minimum elong	-4103 Sep 28 j 15:33	4° \mathbb{P} 43'17	0°05'38
min. Earth dist.	-4104 Oct 14 j 13:38	20° \mathbb{P} 45'45	0.67307 AU	transit middle	-4103 Sep 28 j 15:33	4° \mathbb{P} 43'17	0°05'38
morning rise	-4104 Oct 19 j 14:29	14° \mathbb{P} 47'11		transit begin	-4103 Sep 28 j 13:01	4° \mathbb{P} 52'01	
direct	-4104 Oct 24 j 11:36	12° \mathbb{P} 44'21		transit end	-4103 Sep 28 j 18:05	4° \mathbb{P} 34'33	
morning max el	-4104 Nov 03 j 14:17	18° \mathbb{P} 46'38	23°04'55	min. Earth dist.	-4103 Sep 28 j 10:04	5° \mathbb{P} 02'09	0.67418 AU
	-4104 Nov 12 j 23:31	0° \mathbb{U}		asc. node	-4103 Sep 28 j 22:10	4° \mathbb{P} 20'31	
					-4103 Oct 02 j 08:55	30° \mathbb{R} \mathbb{Q}	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning rise	-4103 Oct 03 j 22:51	28° Ω 31'20		minimum elong	-4102 Sep 12 j 22:38	18° Ω 22'13	0°58'31
direct	-4103 Oct 08 j 05:52	26° Ω 49'47		asc. node	-4102 Sep 15 j 19:16	14° Ω 44'21	
	-4103 Oct 14 j 21:59	0° \mathbb{M}		morning rise	-4102 Sep 18 j 08:11	12° Ω 20'34	
morning max el	-4103 Oct 17 j 04:27	2° \mathbb{M} 07'50	21°41'04	direct	-4102 Sep 22 j 02:48	10° Ω 58'44	
	-4103 Nov 06 j 23:08	0° $\underline{\Omega}$		morning max el	-4102 Sep 30 j 01:23	15° Ω 36'55	20°26'08
desc. node	-4103 Nov 10 j 11:36	5° $\underline{\Omega}$ 19'11			-4102 Oct 11 j 05:45	0° \mathbb{M}	
morning set	-4103 Nov 17 j 21:17	16° $\underline{\Omega}$ 50'24		morning set	-4102 Oct 27 j 21:03	25° \mathbb{M} 04'35	
max. Earth dist.	-4103 Nov 24 j 17:48	27° $\underline{\Omega}$ 56'47	1.41795 AU	desc. node	-4102 Oct 28 j 08:30	25° \mathbb{M} 48'58	
	-4103 Nov 25 j 23:27	0° \mathbb{M}			-4102 Oct 31 j 00:52	0° $\underline{\Omega}$	
				max. Earth dist.	-4102 Nov 07 j 02:11	11° $\underline{\Omega}$ 11'38	1.43425 AU
superior conj	-4103 Dec 02 j 06:26	10° \mathbb{M} 43'13	-1°49'23	superior conj	-4102 Nov 13 j 01:04	20° $\underline{\Omega}$ 54'11	-1°29'02
minimum elong	-4103 Dec 02 j 03:15	10° \mathbb{M} 29'22	1°49'21	minimum elong	-4102 Nov 12 j 18:36	20° $\underline{\Omega}$ 27'27	1°28'29
	-4103 Dec 12 j 23:59	0° \mathbb{M}			-4102 Nov 18 j 11:16	0° \mathbb{M}	
evening rise	-4103 Dec 13 j 02:16	0° \mathbb{M} 10'27		evening rise	-4102 Nov 25 j 14:27	12° \mathbb{M} 18'35	
asc. node	-4103 Dec 25 j 21:04	21° \mathbb{M} 57'39			-4102 Dec 05 j 23:04	0° \mathbb{M}	
evening max el	-4103 Dec 29 j 13:35	26° \mathbb{M} 22'18	18°10'20	asc. node	-4102 Dec 12 j 18:09	9° \mathbb{M} 15'03	
retrograde	-4102 Jan 05 j 10:21	29° \mathbb{M} 51'42		evening max el	-4102 Dec 13 j 01:42	9° \mathbb{M} 34'26	18°10'12
evening set	-4102 Jan 08 j 01:41	29° \mathbb{M} 21'24		retrograde	-4102 Dec 19 j 15:13	13° \mathbb{M} 03'30	
inferior conj	-4102 Jan 14 j 21:35	24° \mathbb{M} 27'56	4°03'25	evening set	-4102 Dec 22 j 09:47	12° \mathbb{M} 25'02	
minimum elong	-4102 Jan 14 j 21:30	24° \mathbb{M} 28'09	4°03'15	inferior conj	-4102 Dec 28 j 18:27	7° \mathbb{M} 10'30	3°53'49
min. Earth dist.	-4102 Jan 18 j 01:57	21° \mathbb{M} 33'08	0.60777 AU	minimum elong	-4102 Dec 28 j 16:21	7° \mathbb{M} 15'59	3°53'25
morning rise	-4102 Jan 21 j 15:53	18° \mathbb{M} 47'05		min. Earth dist.	-4102 Dec 31 j 10:22	4° \mathbb{M} 24'08	0.62683 AU
direct	-4102 Jan 28 j 12:35	16° \mathbb{M} 32'43		morning rise	-4101 Jan 03 j 22:08	1° \mathbb{M} 16'59	
desc. node	-4102 Feb 06 j 11:07	19° \mathbb{M} 51'37			-4101 Jan 05 j 21:25	30° \mathbb{M}	
morning max el	-4102 Feb 11 j 15:22	24° \mathbb{M} 13'10	27°27'59	direct	-4101 Jan 10 j 23:56	28° \mathbb{M} 37'00	
	-4102 Feb 16 j 22:03	0° \mathbb{M}			-4101 Jan 16 j 10:54	0° \mathbb{M}	
	-4102 Mar 08 j 10:10	0° \approx		desc. node	-4101 Jan 24 j 08:10	5° \mathbb{M} 50'13	
morning set	-4102 Mar 15 j 12:30	13° \approx 54'50		morning max el	-4101 Jan 24 j 20:38	6° \mathbb{M} 20'29	27°42'23
max. Earth dist.	-4102 Mar 21 j 20:30	27° \approx 24'41	1.32623 AU		-4101 Feb 11 j 21:30	0° \mathbb{M}	
				morning set	-4101 Feb 27 j 14:58	28° \mathbb{M} 22'44	
superior conj	-4102 Mar 22 j 17:03	29° \approx 16'43	-0°11'55		-4101 Feb 28 j 10:07	0° \approx	
minimum elong	-4102 Mar 22 j 17:35	29° \approx 19'39	0°11'54	max. Earth dist.	-4101 Mar 05 j 05:38	10° \approx 04'37	1.32999 AU
behind sun begin	-4102 Mar 22 j 14:14	29° \approx 01'25					
behind sun end	-4102 Mar 22 j 20:55	29° \approx 37'53		superior conj	-4101 Mar 07 j 02:41	14° \approx 06'49	-0°36'55
	-4102 Mar 23 j 00:58	0° \mathbb{M}		minimum elong	-4101 Mar 07 j 04:19	14° \approx 15'40	0°36'43
asc. node	-4102 Mar 23 j 20:27	1° \mathbb{M} 46'26		asc. node	-4101 Mar 10 j 17:27	21° \approx 56'34	
evening rise	-4102 Mar 29 j 16:17	14° \mathbb{M} 20'23		evening rise	-4101 Mar 14 j 03:55	29° \approx 17'19	
	-4102 Apr 06 j 14:38	0° \mathbb{M}			-4101 Mar 14 j 12:02	0° \mathbb{M}	
evening max el	-4102 Apr 25 j 15:41	26° \mathbb{M} 51'53	25°21'34		-4101 Mar 31 j 15:32	0° \mathbb{M}	
	-4102 Apr 29 j 07:55	0° \mathbb{M}		evening max el	-4101 Apr 07 j 07:45	7° \mathbb{M} 40'01	23°52'00
desc. node	-4102 May 05 j 09:47	3° \mathbb{M} 18'56		retrograde	-4101 Apr 21 j 01:06	14° \mathbb{M} 31'11	
retrograde	-4102 May 09 j 17:24	4° \mathbb{M} 02'37		desc. node	-4101 Apr 22 j 06:56	14° \mathbb{M} 27'42	
evening set	-4102 May 15 j 02:21	2° \mathbb{M} 55'03		evening set	-4101 Apr 25 j 02:09	13° \mathbb{M} 55'03	
min. Earth dist.	-4102 May 20 j 04:05	0° \mathbb{M} 05'33	0.57920 AU	min. Earth dist.	-4101 May 01 j 19:14	10° \mathbb{M} 44'45	0.56276 AU
	-4102 May 20 j 07:23	30° \mathbb{M}		inferior conj	-4101 May 04 j 02:14	9° \mathbb{M} 20'47	-2°58'44
inferior conj	-4102 May 23 j 08:07	27° \mathbb{M} 53'18	-3°57'15	minimum elong	-4101 May 03 j 20:19	9° \mathbb{M} 29'51	2°57'13
minimum elong	-4102 May 23 j 04:12	28° \mathbb{M} 00'10	3°56'39	morning rise	-4101 May 12 j 17:26	5° \mathbb{M} 19'45	
morning rise	-4102 May 31 j 08:57	23° \mathbb{M} 36'22		direct	-4101 May 15 j 05:03	5° \mathbb{M} 03'50	
direct	-4102 Jun 02 j 20:37	23° \mathbb{M} 17'22		morning max el	-4101 May 25 j 04:40	9° \mathbb{M} 41'59	19°53'42
morning max el	-4102 Jun 11 j 08:55	27° \mathbb{M} 17'06	18°54'49	asc. node	-4101 Jun 06 j 17:06	27° \mathbb{M} 41'48	
	-4102 Jun 13 j 21:54	0° \mathbb{M}			-4101 Jun 07 j 22:29	0° \mathbb{M}	
asc. node	-4102 Jun 19 j 20:05	8° \mathbb{M} 36'40		morning set	-4101 Jun 12 j 01:44	8° \mathbb{M} 08'35	
morning set	-4102 Jun 27 j 23:27	23° \mathbb{M} 42'56					
	-4102 Jul 01 j 04:10	0° \mathbb{M}		superior conj	-4101 Jun 19 j 24:00	24° \mathbb{M} 10'50	1°42'01
superior conj	-4102 Jul 06 j 13:23	10° \mathbb{M} 27'30	1°48'46	minimum elong	-4101 Jun 19 j 21:57	24° \mathbb{M} 00'37	1°42'02
minimum elong	-4102 Jul 06 j 12:48	10° \mathbb{M} 24'42	1°48'56		-4101 Jun 22 j 22:57	0° \mathbb{M}	
max. Earth dist.	-4102 Jul 13 j 07:30	22° \mathbb{M} 58'18	1.38828 AU	max. Earth dist.	-4101 Jun 25 j 11:08	4° \mathbb{M} 48'33	1.36963 AU
evening rise	-4102 Jul 17 j 06:26	29° \mathbb{M} 55'36		evening rise	-4101 Jun 29 j 09:28	12° \mathbb{M} 05'24	
	-4102 Jul 17 j 07:27	0° \mathbb{M}			-4101 Jul 09 j 21:27	0° \mathbb{M}	
desc. node	-4102 Aug 01 j 08:42	24° \mathbb{M} 05'39		desc. node	-4101 Jul 19 j 05:44	14° \mathbb{M} 10'06	
	-4102 Aug 05 j 10:08	0° \mathbb{M}			-4101 Jul 31 j 11:43	0° \mathbb{M}	
evening max el	-4102 Aug 21 j 20:12	20° \mathbb{M} 30'10	24°24'37	evening max el	-4101 Aug 04 j 06:53	4° \mathbb{M} 01'22	25°38'36
retrograde	-4102 Sep 02 j 01:40	27° \mathbb{M} 05'01		retrograde	-4101 Aug 16 j 11:22	11° \mathbb{M} 02'41	
evening set	-4102 Sep 07 j 13:03	24° \mathbb{M} 45'13		evening set	-4101 Aug 22 j 13:44	8° \mathbb{M} 26'15	
min. Earth dist.	-4102 Sep 12 j 05:28	19° \mathbb{M} 19'58	0.67233 AU	min. Earth dist.	-4101 Aug 26 j 21:27	3° \mathbb{M} 38'03	0.66728 AU
inferior conj	-4102 Sep 12 j 21:16	18° \mathbb{M} 26'52	-0°59'13	inferior conj	-4101 Aug 28 j 00:36	2° \mathbb{M} 10'45	-1°51'15

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4101 Aug 28 j 03:08	2°Ω02'35	1°50'07	morning rise	-4100 Aug 16 j 22:13	10°Ω07'14	
	-4101 Aug 29 j 18:15	30°℞		direct	-4100 Aug 19 j 22:32	9°Ω16'06	
morning rise	-4101 Sep 02 j 16:39	26°Ω13'41		asc. node	-4100 Aug 19 j 13:27	9°Ω16'54	
asc. node	-4101 Sep 02 j 16:22	26°Ω14'09		morning max el	-4100 Aug 26 j 15:51	13°Ω00'06	18°37'49
direct	-4101 Sep 06 j 00:59	25°Ω08'50			-4100 Sep 07 j 19:52	0°Ω	
morning max el	-4101 Sep 13 j 05:39	29°Ω15'25	19°24'15	morning set	-4100 Sep 16 j 01:45	13°Ω14'48	
	-4101 Sep 13 j 22:36	0°Ω			-4100 Sep 26 j 13:26	0°℞	
	-4101 Oct 04 j 16:52	0°℞		desc. node	-4100 Oct 01 j 02:22	7°℞10'19	
morning set	-4101 Oct 07 j 00:13	3°℞35'53					
desc. node	-4101 Oct 15 j 05:25	16°℞27'12		superior conj	-4100 Oct 01 j 16:51	8°℞07'25	-0°03'51
max. Earth dist.	-4101 Oct 20 j 16:53	25°℞05'07	1.44479 AU	minimum elong	-4100 Oct 01 j 16:21	8°℞05'26	0°03'42
				behind sun begin	-4100 Oct 01 j 05:11	7°℞21'27	
superior conj	-4101 Oct 23 j 16:46	29°℞50'31	-0°52'03	behind sun end	-4100 Oct 02 j 03:31	8°℞49'26	
minimum elong	-4101 Oct 23 j 10:44	29°℞26'29	0°51'19	max. Earth dist.	-4100 Oct 02 j 10:30	9°℞16'59	1.44830 AU
	-4101 Oct 23 j 19:09	0°Ω			-4100 Oct 15 j 13:33	0°Ω	
evening rise	-4101 Nov 07 j 05:58	23°Ω31'01		evening rise	-4100 Oct 17 j 21:01	3°Ω40'11	
	-4101 Nov 11 j 03:34	0°℞		greatest brilliancy	-4100 Oct 25 j 17:38	16°Ω09'04	-0.8m
evening max el	-4101 Nov 26 j 14:13	22°℞55'21	18°28'45		-4100 Nov 03 j 21:18	0°℞	
asc. node	-4101 Nov 29 j 15:15	25°℞27'01		evening max el	-4100 Nov 09 j 00:40	6°℞20'56	19°04'50
retrograde	-4101 Dec 03 j 04:53	26°℞34'47		retrograde	-4100 Nov 15 j 23:41	10°℞19'34	
evening set	-4101 Dec 06 j 03:47	25°℞46'48		asc. node	-4100 Nov 15 j 12:21	10°℞18'18	
inferior conj	-4101 Dec 12 j 03:40	20°℞13'35	3°27'53	evening set	-4100 Nov 19 j 04:40	9°℞20'04	
minimum elong	-4101 Dec 12 j 00:38	20°℞22'25	3°27'06	inferior conj	-4100 Nov 24 j 21:54	3°℞31'15	2°50'55
min. Earth dist.	-4101 Dec 14 j 04:56	17°℞51'10	0.64307 AU	minimum elong	-4100 Nov 24 j 18:46	3°℞41'04	2°49'55
morning rise	-4101 Dec 17 j 21:01	14°℞10'37		min. Earth dist.	-4100 Nov 26 j 09:00	1°℞41'20	0.65586 AU
direct	-4101 Dec 24 j 18:28	11°℞19'53			-4100 Nov 27 j 18:45	30°℞Ω	
morning max el	-4100 Jan 07 j 05:36	19°℞01'24	27°21'31	morning rise	-4100 Nov 30 j 08:33	27°Ω21'31	
desc. node	-4100 Jan 11 j 05:12	23°℞17'55		direct	-4100 Dec 06 j 19:34	24°Ω33'43	
	-4100 Jan 16 j 15:03	0°℞			-4100 Dec 17 j 11:18	0°℞	
	-4100 Feb 04 j 19:25	0°Ω		morning max el	-4100 Dec 19 j 15:25	2°℞03'27	26°30'48
morning set	-4100 Feb 11 j 09:21	12°Ω22'09		desc. node	-4100 Dec 28 j 02:14	11°℞48'41	
max. Earth dist.	-4100 Feb 16 j 07:01	22°Ω15'41	1.33770 AU		-4099 Jan 09 j 18:39	0°℞	
				morning set	-4099 Jan 24 j 15:59	25°℞41'31	
superior conj	-4100 Feb 19 j 08:38	28°Ω41'26	-1°00'56		-4099 Jan 26 j 22:04	0°Ω	
minimum elong	-4100 Feb 19 j 11:12	28°Ω55'01	1°00'39	max. Earth dist.	-4099 Jan 28 j 21:12	3°Ω50'45	1.34981 AU
	-4100 Feb 19 j 23:27	0°Ω					
asc. node	-4100 Feb 25 j 14:28	11°Ω58'47		superior conj	-4099 Feb 02 j 08:42	12°Ω53'38	-1°22'42
evening rise	-4100 Feb 26 j 14:57	14°Ω07'26		minimum elong	-4099 Feb 02 j 11:47	13°Ω09'34	1°22'27
	-4100 Mar 05 j 17:44	0°℞		evening rise	-4099 Feb 09 j 23:35	28°Ω44'31	
evening max el	-4100 Mar 19 j 01:35	18°℞24'37	22°17'56		-4099 Feb 10 j 14:16	0°Ω	
retrograde	-4100 Mar 31 j 21:01	24°℞38'55		asc. node	-4099 Feb 11 j 11:31	1°Ω48'25	
evening set	-4100 Apr 03 j 19:01	24°℞20'09		evening max el	-4099 Mar 01 j 03:14	29°Ω31'58	20°51'57
desc. node	-4100 Apr 08 j 04:06	22°℞49'35			-4099 Mar 01 j 15:18	0°℞	
min. Earth dist.	-4100 Apr 12 j 09:16	20°℞36'28	0.55313 AU	retrograde	-4099 Mar 12 j 10:48	4°℞55'27	
inferior conj	-4100 Apr 13 j 03:35	20°℞10'31	-1°21'38	evening set	-4099 Mar 14 j 19:42	4°℞42'09	
minimum elong	-4100 Apr 12 j 23:55	20°℞15'43	1°20'28	inferior conj	-4099 Mar 23 j 22:59	0°℞44'10	0°34'41
morning rise	-4100 Apr 22 j 06:25	16°℞12'53		minimum elong	-4099 Mar 24 j 00:34	0°℞41'54	0°34'02
direct	-4100 Apr 24 j 21:30	15°℞57'10		min. Earth dist.	-4099 Mar 24 j 23:36	0°℞08'52	0.55255 AU
morning max el	-4100 May 06 j 13:47	21°℞26'15	21°11'53		-4099 Mar 25 j 05:49	30°℞Ω	
	-4100 May 13 j 17:25	0°℞		desc. node	-4099 Mar 26 j 01:14	29°Ω32'38	
asc. node	-4100 May 23 j 14:06	17°℞12'41		morning rise	-4099 Apr 02 j 04:31	26°Ω31'35	
morning set	-4100 May 26 j 09:17	22°℞52'40		direct	-4099 Apr 05 j 09:35	26°Ω09'06	
	-4100 May 29 j 19:30	0°Ω			-4099 Apr 15 j 13:12	0°℞	
				morning max el	-4099 Apr 18 j 12:36	2°℞30'56	22°44'58
superior conj	-4100 Jun 02 j 20:53	8°Ω27'00	1°28'56		-4099 May 06 j 23:43	0°℞	
minimum elong	-4100 Jun 02 j 18:14	8°Ω13'18	1°28'44	asc. node	-4099 May 10 j 11:08	7°℞02'32	
max. Earth dist.	-4100 Jun 06 j 21:42	16°Ω38'41	1.35367 AU	morning set	-4099 May 10 j 20:02	7°℞48'53	
evening rise	-4100 Jun 11 j 07:35	25°Ω13'32					
	-4100 Jun 13 j 21:02	0°Ω		superior conj	-4099 May 18 j 00:47	23°℞05'57	1°11'15
	-4100 Jul 02 j 08:37	0°Ω		minimum elong	-4099 May 17 j 22:12	22°℞52'13	1°10'54
desc. node	-4100 Jul 05 j 02:49	3°Ω48'42		max. Earth dist.	-4099 May 20 j 18:09	28°℞49'30	1.34135 AU
evening max el	-4100 Jul 16 j 17:56	17°Ω30'48	26°38'15		-4099 May 21 j 07:44	0°Ω	
retrograde	-4100 Jul 29 j 16:19	24°Ω48'22		evening rise	-4099 May 25 j 19:43	9°Ω05'29	
evening set	-4100 Aug 05 j 07:54	22°Ω01'39			-4099 Jun 06 j 08:03	0°Ω	
min. Earth dist.	-4100 Aug 09 j 07:41	17°Ω51'48	0.65862 AU	desc. node	-4099 Jun 21 j 23:55	22°Ω50'14	
inferior conj	-4100 Aug 10 j 23:28	15°Ω52'00	-2°40'02		-4099 Jun 28 j 08:49	0°Ω	
minimum elong	-4100 Aug 11 j 02:54	15°Ω41'41	2°38'45	evening max el	-4099 Jun 29 j 05:12	0°Ω50'02	27°15'46

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

retrograde	-4099 Jul 12 j 15:58	8°♄14'01		retrograde	-4098 Jun 25 j 09:30	21°♄11'02	
evening set	-4099 Jul 19 j 16:48	5°♄27'15		evening set	-4098 Jul 02 j 12:59	18°♄37'22	
min. Earth dist.	-4099 Jul 23 j 10:06	1°♄54'08	0.64615 AU	min. Earth dist.	-4098 Jul 06 j 03:03	15°♄34'43	0.63000 AU
	-4099 Jul 25 j 03:31	30°♄11'02		inferior conj	-4098 Jul 08 j 22:13	12°♄48'21	-3°57'04
inferior conj	-4099 Jul 25 j 15:36	29°♄26'25	-3°23'09	minimum elong	-4098 Jul 09 j 01:24	12°♄40'23	3°56'23
minimum elong	-4099 Jul 25 j 19:22	29°♄16'00	3°22'01	morning rise	-4098 Jul 15 j 14:51	7°♄37'12	
morning rise	-4099 Jul 31 j 22:32	23°♄56'58		direct	-4098 Jul 18 j 05:57	7°♄04'33	
direct	-4099 Aug 03 j 17:09	23°♄16'23		asc. node	-4098 Jul 24 j 07:38	9°♄58'01	
asc. node	-4099 Aug 06 j 10:33	23°♄55'12		morning max el	-4098 Jul 24 j 20:30	10°♄28'42	17°56'31
morning max el	-4099 Aug 10 j 05:38	26°♄46'14	18°08'14		-4098 Aug 06 j 21:25	0°♄	
	-4099 Aug 13 j 00:48	0°♄		morning set	-4098 Aug 10 j 11:29	6°♄19'06	
morning set	-4099 Aug 28 j 06:42	24°♄12'43					
	-4099 Aug 31 j 17:32	0°♄		superior conj	-4098 Aug 22 j 05:43	26°♄38'32	1°19'28
				minimum elong	-4098 Aug 22 j 11:20	27°♄02'05	1°19'04
superior conj	-4099 Sep 10 j 23:23	16°♄47'21	0°43'31		-4098 Aug 24 j 06:03	0°♄	
minimum elong	-4099 Sep 11 j 04:12	17°♄06'42	0°43'03	max. Earth dist.	-4098 Aug 28 j 18:36	7°♄24'09	1.43413 AU
max. Earth dist.	-4099 Sep 15 j 03:54	23°♄28'38	1.44457 AU	desc. node	-4098 Sep 04 j 20:16	18°♄38'20	
desc. node	-4099 Sep 17 j 23:19	27°♄55'02		evening rise	-4098 Sep 06 j 16:45	21°♄31'37	
	-4099 Sep 19 j 07:06	0°♄			-4098 Sep 12 j 05:09	0°♄	
evening rise	-4099 Sep 27 j 12:40	12°♄49'48			-4098 Oct 03 j 09:22	0°♄	
	-4099 Oct 08 j 17:13	0°♄		evening max el	-4098 Oct 06 j 07:17	3°♄14'30	21°02'21
greatest brilliancy	-4099 Oct 10 j 18:41	3°♄05'46	-0.7m	retrograde	-4098 Oct 14 j 17:35	8°♄13'44	
evening max el	-4099 Oct 23 j 06:50	19°♄47'46	19°56'49	evening set	-4098 Oct 18 j 17:28	6°♄43'17	
retrograde	-4099 Oct 30 j 20:37	24°♄13'21		asc. node	-4098 Oct 20 j 06:34	5°♄19'56	
asc. node	-4099 Nov 02 j 09:28	23°♄36'01		inferior conj	-4098 Oct 24 j 02:38	0°♄32'50	1°17'12
evening set	-4099 Nov 03 j 09:56	22°♄59'42		minimum elong	-4098 Oct 24 j 00:55	0°♄38'42	1°16'31
inferior conj	-4099 Nov 08 j 22:18	16°♄58'29	2°06'29	min. Earth dist.	-4098 Oct 24 j 13:33	29°♄55'30	0.67116 AU
minimum elong	-4099 Nov 08 j 19:41	17°♄07'08	2°05'31		-4098 Oct 24 j 12:14	30°♄	
min. Earth dist.	-4099 Nov 09 j 20:39	15°♄44'32	0.66518 AU	morning rise	-4098 Oct 29 j 08:11	22°♄17'28	
morning rise	-4099 Nov 14 j 05:12	10°♄44'36		direct	-4098 Nov 03 j 14:07	22°♄02'17	
direct	-4099 Nov 20 j 02:21	8°♄10'00		morning max el	-4098 Nov 14 j 09:02	28°♄28'34	23°54'39
morning max el	-4099 Dec 02 j 00:17	15°♄14'07	25°18'34		-4098 Nov 15 j 20:02	0°♄	
	-4099 Dec 14 j 04:47	0°♄		desc. node	-4098 Dec 01 j 20:11	20°♄49'30	
desc. node	-4099 Dec 14 j 23:13	1°♄03'21			-4098 Dec 07 j 23:22	0°♄	
	-4098 Jan 02 j 15:23	0°♄		morning set	-4098 Dec 19 j 20:50	19°♄17'19	
morning set	-4098 Jan 07 j 05:48	8°♄05'07		max. Earth dist.	-4098 Dec 23 j 20:01	26°♄11'52	1.38621 AU
max. Earth dist.	-4098 Jan 10 j 23:46	14°♄58'26	1.36636 AU		-4098 Dec 25 j 22:56	0°♄	
				superior conj	-4098 Dec 31 j 02:41	9°♄32'53	-1°51'57
superior conj	-4098 Jan 16 j 23:56	26°♄34'01	-1°40'29	minimum elong	-4098 Dec 31 j 04:18	9°♄40'35	1°52'03
minimum elong	-4098 Jan 17 j 02:51	26°♄48'29	1°40'24	evening rise	-4097 Jan 09 j 01:02	26°♄52'19	
	-4098 Jan 18 j 17:16	0°♄			-4097 Jan 10 j 15:34	0°♄	
evening rise	-4098 Jan 25 j 03:43	13°♄01'22		asc. node	-4097 Jan 16 j 05:35	10°♄24'44	
asc. node	-4098 Jan 29 j 08:33	21°♄19'10		evening max el	-4097 Jan 25 j 13:17	23°♄29'11	18°50'16
	-4098 Feb 03 j 04:16	0°♄		retrograde	-4097 Feb 02 j 17:54	27°♄26'01	
evening max el	-4098 Feb 11 j 15:19	11°♄13'24	19°41'35	evening set	-4097 Feb 05 j 04:32	27°♄06'22	
retrograde	-4098 Feb 21 j 06:08	15°♄47'04		inferior conj	-4097 Feb 12 j 23:39	22°♄46'08	3°26'44
evening set	-4098 Feb 23 j 13:56	15°♄32'19		minimum elong	-4097 Feb 13 j 03:50	22°♄38'28	3°25'49
inferior conj	-4098 Mar 04 j 02:22	11°♄29'01	2°18'00	min. Earth dist.	-4097 Feb 16 j 05:49	20°♄24'24	0.57676 AU
minimum elong	-4098 Mar 04 j 07:14	11°♄21'19	2°16'28	morning rise	-4097 Feb 21 j 00:38	17°♄37'06	
min. Earth dist.	-4098 Mar 06 j 14:07	9°♄55'01	0.56111 AU	direct	-4097 Feb 26 j 13:51	16°♄22'36	
morning rise	-4098 Mar 12 j 22:04	6°♄48'46		desc. node	-4097 Feb 27 j 19:29	16°♄26'19	
desc. node	-4098 Mar 12 j 22:22	6°♄48'32		morning max el	-4097 Mar 12 j 19:43	23°♄47'00	25°55'17
direct	-4098 Mar 17 j 05:31	6°♄07'07			-4097 Mar 18 j 10:43	0°♄	
morning max el	-4098 Mar 31 j 04:30	13°♄08'47	24°24'04		-4097 Apr 05 j 23:27	0°♄	
	-4098 Apr 13 j 04:26	0°♄		morning set	-4097 Apr 09 j 20:02	7°♄52'23	
morning set	-4098 Apr 25 j 08:11	22°♄50'53		asc. node	-4097 Apr 14 j 05:08	17°♄15'30	
asc. node	-4098 Apr 27 j 08:09	27°♄05'11					
	-4098 Apr 28 j 16:40	0°♄		superior conj	-4097 Apr 16 j 20:08	22°♄59'26	0°27'05
superior conj	-4098 May 02 j 09:13	7°♄59'08	0°50'18	minimum elong	-4097 Apr 16 j 18:58	22°♄53'02	0°26'49
minimum elong	-4098 May 02 j 07:10	7°♄48'06	0°49'55	max. Earth dist.	-4097 Apr 17 j 11:03	24°♄20'50	1.32750 AU
max. Earth dist.	-4098 May 03 j 23:38	11°♄26'07	1.33268 AU		-4097 Apr 20 j 01:34	0°♄	
evening rise	-4098 May 09 j 17:43	23°♄28'13		evening rise	-4097 Apr 23 j 22:24	8°♄10'50	
	-4098 May 13 j 00:52	0°♄			-4097 May 05 j 11:38	0°♄	
	-4098 May 31 j 01:06	0°♄		evening max el	-4097 May 24 j 20:26	26°♄09'05	27°00'59
desc. node	-4098 Jun 08 j 21:00	10°♄59'09		desc. node	-4097 May 26 j 18:07	27°♄52'46	
evening max el	-4098 Jun 11 j 14:57	13°♄47'17	27°24'39		-4097 May 29 j 11:10	0°♄	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

retrograde	-4097 Jun 07 j 19:50	3° Π 30'14			-4096 Apr 28 j 21:11	0° \mathcal{B}	
evening set	-4097 Jun 14 j 16:18	1° Π 23'17		evening max el	-4096 May 05 j 19:40	7° \mathcal{B} 48'26	26°05'27
	-4097 Jun 16 j 17:12	30° \mathcal{R} \mathcal{B}		desc. node	-4096 May 12 j 15:14	13° \mathcal{B} 00'40	
min. Earth dist.	-4097 Jun 18 j 09:57	28° \mathcal{B} 38'59	0.61087 AU	retrograde	-4096 May 19 j 21:46	15° \mathcal{B} 05'23	
inferior conj	-4097 Jun 21 j 15:56	25° \mathcal{B} 49'14	-4°16'26	evening set	-4096 May 25 j 23:04	13° \mathcal{B} 35'16	
minimum elong	-4097 Jun 21 j 17:15	25° \mathcal{B} 46'20	4°16'13	min. Earth dist.	-4096 May 30 j 08:19	10° \mathcal{B} 52'31	0.59042 AU
morning rise	-4097 Jun 28 j 19:51	20° \mathcal{B} 59'03		inferior conj	-4096 Jun 02 j 17:06	8° \mathcal{B} 19'57	-4°13'17
direct	-4097 Jul 01 j 09:04	20° \mathcal{B} 32'33		minimum elong	-4096 Jun 02 j 15:13	8° \mathcal{B} 23'33	4°13'03
morning max el	-4097 Jul 08 j 09:39	24° \mathcal{B} 00'32	18°03'37	morning rise	-4096 Jun 10 j 09:57	3° \mathcal{B} 51'48	
asc. node	-4097 Jul 11 j 04:41	27° \mathcal{B} 09'17		direct	-4096 Jun 12 j 22:06	3° \mathcal{B} 30'22	
	-4097 Jul 13 j 06:26	0° Π		morning max el	-4096 Jun 20 j 18:19	7° \mathcal{B} 14'15	18°30'23
morning set	-4097 Jul 24 j 10:29	19° Π 18'18		asc. node	-4096 Jun 27 j 01:44	15° \mathcal{B} 14'29	
	-4097 Jul 30 j 06:12	0° \mathcal{E}			-4096 Jul 05 j 09:40	0° Π	
				morning set	-4096 Jul 06 j 22:56	2° Π 58'23	
superior conj	-4097 Aug 03 j 15:33	7° \mathcal{E} 51'36	1°40'45	superior conj	-4096 Jul 16 j 00:48	20° Π 15'46	1°48'53
minimum elong	-4097 Aug 03 j 18:56	8° \mathcal{E} 06'31	1°40'43	minimum elong	-4096 Jul 16 j 01:29	20° Π 18'56	1°49'04
max. Earth dist.	-4097 Aug 11 j 04:07	20° \mathcal{E} 45'56	1.41839 AU		-4096 Jul 21 j 09:34	0° \mathcal{E}	
	-4097 Aug 16 j 19:42	0° \mathcal{Q}			-4096 Jul 23 j 07:50	3° \mathcal{E} 23'10	1.39950 AU
evening rise	-4097 Aug 17 j 05:02	0° \mathcal{Q} 37'22		max. Earth dist.	-4096 Jul 27 j 16:26	10° \mathcal{E} 49'29	
desc. node	-4097 Aug 22 j 17:14	9° \mathcal{Q} 16'25		evening rise	-4096 Aug 08 j 14:12	29° \mathcal{E} 45'32	
	-4097 Sep 05 j 18:21	0° \mathcal{M}		desc. node	-4096 Aug 08 j 18:02	0° \mathcal{Q}	
evening max el	-4097 Sep 19 j 01:26	16° \mathcal{M} 39'45	22°17'57		-4096 Aug 31 j 14:38	0° \mathcal{M} 05'45	23°38'32
retrograde	-4097 Sep 28 j 12:50	22° \mathcal{M} 17'26		evening max el	-4096 Aug 31 j 12:21	0° \mathcal{M}	
evening set	-4097 Oct 03 j 01:24	20° \mathcal{M} 28'01			-4096 Sep 11 j 05:12	6° \mathcal{M} 21'49	
asc. node	-4097 Oct 07 j 03:41	15° \mathcal{M} 51'48		retrograde	-4096 Sep 16 j 07:58	4° \mathcal{M} 12'45	
inferior conj	-4097 Oct 08 j 08:55	14° \mathcal{M} 11'41	0°24'58	evening set	-4096 Sep 20 j 02:10	30° \mathcal{R} \mathcal{Q}	
minimum elong	-4097 Oct 08 j 08:20	14° \mathcal{M} 13'41	0°24'46		-4096 Sep 21 j 05:36	28° \mathcal{Q} 27'28	0.67381 AU
min. Earth dist.	-4097 Oct 08 j 09:20	14° \mathcal{M} 10'14	0.67399 AU	min. Earth dist.	-4096 Sep 21 j 15:25	27° \mathcal{Q} 53'54	-0°28'30
morning rise	-4097 Oct 13 j 15:09	7° \mathcal{M} 57'32		inferior conj	-4096 Sep 21 j 16:05	27° \mathcal{Q} 51'38	0°28'08
direct	-4097 Oct 18 j 06:06	6° \mathcal{M} 03'58		minimum elong	-4096 Sep 23 j 00:49	26° \mathcal{Q} 01'18	
morning max el	-4097 Oct 27 j 20:25	11° \mathcal{M} 46'41	22°28'29	asc. node	-4096 Sep 27 j 00:10	21° \mathcal{Q} 43'50	
	-4097 Nov 11 j 05:28	0° \mathcal{A}		morning rise	-4096 Oct 01 j 01:33	20° \mathcal{Q} 11'13	
desc. node	-4097 Nov 18 j 17:08	10° \mathcal{A} 57'29		direct	-4096 Oct 09 j 13:26	25° \mathcal{Q} 11'36	21°07'44
morning set	-4097 Nov 30 j 07:53	29° \mathcal{A} 06'44		morning max el	-4096 Oct 13 j 18:41	0° \mathcal{M}	
	-4097 Nov 30 j 20:58	0° \mathcal{M}			-4096 Oct 03 j 17:00	0° \mathcal{A}	
max. Earth dist.	-4097 Dec 05 j 17:44	8° \mathcal{M} 04'59	1.40686 AU	desc. node	-4096 Nov 04 j 14:02	1° \mathcal{A} 20'48	
				morning set	-4096 Nov 08 j 16:36	7° \mathcal{A} 43'18	
superior conj	-4097 Dec 13 j 12:00	21° \mathcal{M} 37'11	-1°53'58	max. Earth dist.	-4096 Nov 16 j 21:35	20° \mathcal{A} 50'14	1.42546 AU
minimum elong	-4097 Dec 13 j 10:55	21° \mathcal{M} 32'18	1°54'05		-4096 Nov 22 j 10:09	0° \mathcal{M}	
	-4097 Dec 18 j 02:10	0° \mathcal{A}					
evening rise	-4097 Dec 23 j 12:33	10° \mathcal{A} 10'17		superior conj	-4096 Nov 23 j 22:09	2° \mathcal{M} 32'31	-1°42'46
asc. node	-4096 Jan 03 j 02:37	28° \mathcal{A} 57'08		minimum elong	-4096 Nov 23 j 17:23	2° \mathcal{M} 12'13	1°42'33
	-4096 Jan 03 j 19:15	0° \mathcal{B}		evening rise	-4096 Dec 05 j 10:33	22° \mathcal{M} 46'41	
evening max el	-4096 Jan 08 j 18:57	6° \mathcal{B} 13'20	18°19'07		-4096 Dec 09 j 11:16	0° \mathcal{A}	
retrograde	-4096 Jan 16 j 00:23	9° \mathcal{B} 49'00		asc. node	-4096 Dec 19 j 23:41	16° \mathcal{A} 45'41	
evening set	-4096 Jan 18 j 13:57	9° \mathcal{B} 22'58		evening max el	-4096 Dec 22 j 05:32	19° \mathcal{A} 17'31	18°07'55
inferior conj	-4096 Jan 25 j 17:29	4° \mathcal{B} 41'40	3°58'46	retrograde	-4096 Dec 28 j 22:19	22° \mathcal{A} 45'43	
minimum elong	-4096 Jan 25 j 18:58	4° \mathcal{B} 38'31	3°58'29	evening set	-4096 Dec 31 j 14:47	22° \mathcal{A} 12'14	
min. Earth dist.	-4096 Jan 29 j 01:49	1° \mathcal{B} 52'04	0.59614 AU	inferior conj	-4095 Jan 07 j 05:36	17° \mathcal{A} 09'40	4°01'47
	-4096 Jan 31 j 14:01	30° \mathcal{R} \mathcal{A}		minimum elong	-4095 Jan 07 j 04:31	17° \mathcal{A} 12'17	4°01'33
morning rise	-4096 Feb 01 j 22:07	29° \mathcal{A} 10'05		min. Earth dist.	-4095 Jan 10 j 05:16	14° \mathcal{A} 15'46	0.61607 AU
direct	-4096 Feb 08 j 10:21	27° \mathcal{A} 16'31		morning rise	-4095 Jan 13 j 17:04	11° \mathcal{A} 22'35	
desc. node	-4096 Feb 14 j 16:35	28° \mathcal{A} 54'12		direct	-4095 Jan 20 j 17:07	8° \mathcal{A} 55'29	
	-4096 Feb 16 j 14:58	0° \mathcal{B}		desc. node	-4095 Jan 31 j 13:39	13° \mathcal{A} 46'34	
morning max el	-4096 Feb 22 j 15:44	4° \mathcal{B} 53'09	27°03'35	morning max el	-4095 Feb 03 j 18:04	16° \mathcal{A} 38'40	27°38'39
	-4096 Mar 12 j 04:49	0° \approx			-4095 Feb 14 j 20:08	0° \mathcal{B}	
morning set	-4096 Mar 24 j 05:53	22° \approx 47'21			-4095 Mar 04 j 18:00	0° \approx	
	-4096 Mar 27 j 15:30	0° \mathcal{H}		morning set	-4095 Mar 08 j 11:41	7° \approx 27'27	
				max. Earth dist.	-4095 Mar 14 j 12:19	20° \approx 11'41	1.32730 AU
superior conj	-4096 Mar 31 j 07:54	8° \mathcal{H} 01'04	0°02'32				
minimum elong	-4096 Mar 31 j 07:47	8° \mathcal{H} 00'28	0°02'27	superior conj	-4095 Mar 15 j 18:47	22° \approx 57'04	-0°22'35
behind sun begin	-4096 Mar 31 j 02:50	7° \mathcal{H} 33'21		minimum elong	-4095 Mar 15 j 19:48	23° \approx 02'35	0°22'28
behind sun end	-4096 Mar 31 j 12:44	8° \mathcal{H} 27'35		asc. node	-4095 Mar 17 j 23:04	27° \approx 41'52	
max. Earth dist.	-4096 Mar 31 j 00:35	7° \mathcal{H} 21'03	1.32566 AU		-4095 Mar 19 j 00:29	0° \mathcal{H}	
asc. node	-4096 Mar 31 j 02:06	7° \mathcal{H} 29'20		evening rise	-4095 Mar 22 j 18:31	8° \mathcal{H} 02'39	
evening rise	-4096 Apr 07 j 07:22	23° \mathcal{H} 05'05			-4095 Apr 03 j 07:24	0° \mathcal{Y}	
	-4096 Apr 10 j 16:27	0° \mathcal{Y}					

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-4095 Apr 17 j 13:14	18° Υ 49'42	24°44'55		-4094 Mar 30 j 16:49	0° Υ	
desc. node	-4095 Apr 29 j 12:23	25° Υ 45'16		retrograde	-4094 Apr 12 j 15:33	6° Υ 10'28	
retrograde	-4095 May 01 j 13:10	25° Υ 54'52		evening set	-4094 Apr 16 j 03:29	5° Υ 43'43	
evening set	-4095 May 06 j 08:33	25° Υ 02'09		desc. node	-4094 Apr 16 j 09:33	5° Υ 39'48	
min. Earth dist.	-4095 May 12 j 01:24	22° Υ 04'59	0.57151 AU	min. Earth dist.	-4094 Apr 23 j 16:10	2° Υ 20'46	0.55766 AU
inferior conj	-4095 May 14 j 22:42	20° Υ 11'15	-3°37'29	inferior conj	-4094 Apr 25 j 08:50	1° Υ 21'05	-2°21'37
minimum elong	-4095 May 14 j 17:33	20° Υ 19'45	3°36'27	minimum elong	-4094 Apr 25 j 03:18	1° Υ 29'14	2°20'00
morning rise	-4095 May 23 j 05:43	16° Υ 02'17			-4094 Apr 27 j 17:16	30° \Re	
direct	-4095 May 25 j 16:59	15° Υ 44'57		morning rise	-4094 May 04 j 05:35	27° \Re 22'59	
morning max el	-4095 Jun 03 j 19:32	19° Υ 59'26	19°17'29	direct	-4094 May 06 j 17:46	27° \Re 07'41	
	-4095 Jun 11 j 13:46	0° \Re			-4094 May 14 j 20:56	0° Υ	
asc. node	-4095 Jun 13 j 22:45	4° \Re 00'18		morning max el	-4094 May 17 j 10:49	2° Υ 07'01	20°24'45
morning set	-4095 Jun 20 j 20:59	17° \Re 09'02		asc. node	-4094 May 31 j 19:45	23° Υ 16'57	
	-4095 Jun 27 j 07:54	0° Π			-4094 Jun 04 j 05:30	0° \Re	
				morning set	-4094 Jun 05 j 01:44	1° \Re 42'37	
superior conj	-4095 Jun 29 j 03:35	3° Π 33'55	1°46'48	superior conj	-4094 Jun 12 j 18:57	17° \Re 31'45	1°37'07
minimum elong	-4095 Jun 29 j 02:16	3° Π 27'30	1°46'56	minimum elong	-4094 Jun 12 j 16:33	17° \Re 19'35	1°37'02
max. Earth dist.	-4095 Jul 05 j 09:17	15° Π 21'59	1.38005 AU	max. Earth dist.	-4094 Jun 17 j 15:06	27° \Re 07'45	1.36243 AU
evening rise	-4095 Jul 09 j 05:58	22° Π 18'31			-4094 Jun 19 j 02:57	0° Π	
	-4095 Jul 13 j 17:20	0° \Re		evening rise	-4094 Jun 21 j 17:45	4° Π 54'40	
desc. node	-4095 Jul 26 j 11:14	20° \Re 00'42			-4094 Jul 06 j 14:13	0° \Re	
	-4095 Aug 02 j 14:18	0° Ω		desc. node	-4094 Jul 13 j 08:19	9° \Re 54'58	
evening max el	-4095 Aug 14 j 01:32	13° Ω 35'12	24°57'22	evening max el	-4094 Jul 27 j 12:26	27° \Re 06'45	26°06'24
retrograde	-4095 Aug 25 j 17:40	20° Ω 23'19			-4094 Jul 30 j 17:34	0° Ω	
evening set	-4095 Aug 31 j 11:23	17° Ω 55'58		retrograde	-4094 Aug 09 j 01:24	4° Ω 16'09	
min. Earth dist.	-4095 Sep 04 j 23:59	12° Ω 46'00	0.67054 AU	evening set	-4094 Aug 15 j 09:35	1° Ω 34'43	
inferior conj	-4095 Sep 05 j 20:28	11° Ω 38'10	-1°21'34		-4094 Aug 17 j 00:56	30° \Re	
minimum elong	-4095 Sep 05 j 22:22	11° Ω 31'54	1°20'39	min. Earth dist.	-4094 Aug 19 j 13:55	27° \Re 02'31	0.66397 AU
asc. node	-4095 Sep 09 j 21:56	6° Ω 48'16		inferior conj	-4094 Aug 20 j 22:10	25° \Re 21'20	-2°12'30
morning rise	-4095 Sep 11 j 09:22	5° Ω 35'13		minimum elong	-4094 Aug 21 j 01:08	25° \Re 12'02	2°11'15
direct	-4095 Sep 14 j 23:15	4° Ω 21'05		morning rise	-4094 Aug 26 j 16:51	19° \Re 28'50	
morning max el	-4095 Sep 22 j 13:36	8° Ω 45'15	19°57'59	asc. node	-4094 Aug 27 j 19:03	18° \Re 55'33	
	-4095 Oct 08 j 05:09	0° \Re		direct	-4094 Aug 29 j 21:32	18° \Re 30'06	
morning set	-4095 Oct 18 j 14:53	15° \Re 56'45		morning max el	-4094 Sep 05 j 20:31	22° \Re 26'07	19°02'30
desc. node	-4095 Oct 22 j 10:57	21° \Re 54'52			-4094 Sep 11 j 22:12	0° Ω	
	-4095 Oct 27 j 14:27	0° \Re		morning set	-4094 Sep 28 j 02:04	24° Ω 52'56	
max. Earth dist.	-4095 Oct 30 j 08:29	4° \Re 22'11	1.43950 AU		-4094 Oct 01 j 07:57	0° \Re	
superior conj	-4095 Nov 04 j 05:02	12° \Re 10'57	-1°15'15	desc. node	-4094 Oct 09 j 07:53	12° \Re 35'26	
minimum elong	-4095 Nov 03 j 22:04	11° \Re 42'43	1°14'33	max. Earth dist.	-4094 Oct 13 j 00:47	18° \Re 25'40	1.44720 AU
	-4095 Nov 14 j 22:32	0° \Re		superior conj	-4094 Oct 14 j 11:55	20° \Re 44'23	-0°32'22
evening rise	-4095 Nov 17 j 14:35	4° \Re 32'39		minimum elong	-4094 Oct 14 j 07:48	20° \Re 28'05	0°31'47
	-4095 Dec 03 j 11:57	0° \Re			-4094 Oct 20 j 07:58	0° \Re	
evening max el	-4095 Dec 05 j 18:14	2° \Re 34'47	18°15'55	evening rise	-4094 Oct 29 j 19:59	15° \Re 18'32	
asc. node	-4095 Dec 06 j 20:48	3° \Re 37'39			-4094 Nov 07 j 21:07	0° \Re	
retrograde	-4095 Dec 12 j 07:21	6° \Re 06'59		evening max el	-4094 Nov 19 j 06:15	15° \Re 58'35	18°42'03
evening set	-4095 Dec 15 j 03:32	5° \Re 24'46		asc. node	-4094 Nov 23 j 17:55	19° \Re 17'21	
inferior conj	-4095 Dec 21 j 08:14	0° \Re 02'18	3°44'25	retrograde	-4094 Nov 25 j 23:29	19° \Re 44'42	
minimum elong	-4095 Dec 21 j 05:36	0° \Re 09'28	3°43'51	evening set	-4094 Nov 29 j 00:49	18° \Re 51'59	
	-4095 Dec 21 j 09:04	30° \Re		inferior conj	-4094 Dec 04 j 21:39	13° \Re 11'54	3°13'15
min. Earth dist.	-4095 Dec 23 j 18:07	27° \Re 24'20	0.63416 AU	minimum elong	-4094 Dec 04 j 18:29	13° \Re 21'25	3°12'21
morning rise	-4095 Dec 27 j 07:01	24° \Re 04'25		min. Earth dist.	-4094 Dec 06 j 16:45	11° \Re 02'42	0.64905 AU
direct	-4094 Jan 03 j 08:04	21° \Re 17'38		morning rise	-4094 Dec 10 j 11:47	7° \Re 06'02	
morning max el	-4094 Jan 17 j 01:11	29° \Re 01'41	27°37'27	direct	-4094 Dec 17 j 05:33	4° \Re 14'58	
desc. node	-4094 Jan 18 j 10:42	0° \Re 27'00		morning max el	-4094 Dec 30 j 10:33	11° \Re 52'07	27°03'01
	-4094 Jan 18 j 00:18	0° \Re		desc. node	-4093 Jan 05 j 07:42	18° \Re 23'52	
	-4094 Feb 08 j 15:51	0° \Re			-4093 Jan 14 j 00:16	0° \Re	
morning set	-4094 Feb 20 j 11:05	21° \Re 44'30			-4093 Feb 01 j 03:49	0° \Re	
	-4094 Feb 24 j 12:00	0° \Re		morning set	-4093 Feb 04 j 00:57	5° \Re 27'57	
max. Earth dist.	-4094 Feb 25 j 18:22	2° \Re 39'27	1.33275 AU	max. Earth dist.	-4093 Feb 08 j 15:10	14° \Re 34'36	1.34237 AU
superior conj	-4094 Feb 28 j 03:07	7° \Re 41'34	-0°47'17	superior conj	-4093 Feb 12 j 06:52	22° \Re 07'30	-1°10'32
minimum elong	-4094 Feb 28 j 05:10	7° \Re 52'38	0°47'03	minimum elong	-4093 Feb 12 j 09:43	22° \Re 22'27	1°10'15
asc. node	-4094 Mar 04 j 20:05	17° \Re 49'07			-4093 Feb 16 j 00:26	0° \Re	
evening rise	-4094 Mar 07 j 06:06	22° \Re 57'18		evening rise	-4093 Feb 19 j 16:21	7° \Re 42'31	
	-4094 Mar 10 j 16:25	0° \Re		asc. node	-4093 Feb 19 j 17:07	7° \Re 46'30	
evening max el	-4094 Mar 30 j 05:23	29° \Re 33'06	23°11'43				

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4093 Mar 03 j 17:35	0°♄				-4092 Feb 07 j 20:55	0°♁	
evening max el	-4093 Mar 12 j 02:05	10°♄25'03	21°39'45	evening max el	-4092 Feb 22 j 07:57	21°♁45'38	20°19'41	
retrograde	-4093 Mar 24 j 07:07	16°♄17'58		retrograde	-4092 Mar 03 j 21:54	26°♁47'14		
evening set	-4093 Mar 26 j 21:59	16°♄02'33		evening set	-4092 Mar 06 j 05:27	26°♁33'49		
desc. node	-4093 Apr 03 j 06:41	13°♄06'05		inferior conj	-4092 Mar 15 j 03:04	22°♁35'01	1°21'55	
inferior conj	-4093 Apr 05 j 05:58	12°♄00'22	-0°32'44	minimum elong	-4092 Mar 15 j 06:32	22°♁29'54	1°20'40	
minimum elong	-4093 Apr 05 j 04:26	12°♄02'31	0°32'16	min. Earth dist.	-4092 Mar 16 j 20:06	21°♁34'20	0.55516 AU	
min. Earth dist.	-4093 Apr 05 j 06:05	12°♄00'11	0.55177 AU	desc. node	-4092 Mar 20 j 03:48	19°♁45'43		
morning rise	-4093 Apr 14 j 11:23	7°♄58'41		morning rise	-4092 Mar 24 j 05:59	18°♁12'00		
direct	-4093 Apr 17 j 07:09	7°♄41'03		direct	-4092 Mar 27 j 21:01	17°♁43'18		
morning max el	-4093 Apr 29 j 15:11	13°♄33'00	21°50'05	morning max el	-4092 Apr 10 j 10:26	24°♁23'32	23°27'17	
	-4093 May 11 j 20:28	0°♄			-4092 Apr 15 j 12:48	0°♄		
asc. node	-4093 May 18 j 16:46	12°♄56'47			-4092 May 03 j 04:43	0°♄		
morning set	-4093 May 20 j 10:54	16°♄32'50		morning set	-4092 May 03 j 22:28	1°♄32'27		
	-4093 May 26 j 20:31	0°♄		asc. node	-4092 May 04 j 13:45	2°♄52'42		
superior conj	-4093 May 27 j 19:09	1°♄58'35	1°21'54	superior conj	-4092 May 11 j 01:15	16°♄44'27	1°02'41	
minimum elong	-4093 May 27 j 16:28	1°♄44'29	1°21'37	minimum elong	-4092 May 10 j 22:50	16°♄31'35	1°02'19	
max. Earth dist.	-4093 May 31 j 06:08	9°♄06'49	1.34798 AU	max. Earth dist.	-4092 May 13 j 06:51	21°♄29'35	1.33719 AU	
evening rise	-4093 Jun 04 j 22:26	18°♄23'13			-4092 May 17 j 09:26	0°♄		
	-4093 Jun 11 j 05:06	0°♄		evening rise	-4092 May 18 j 15:10	2°♄29'23		
desc. node	-4093 Jun 30 j 05:25	29°♄19'27			-4092 Jun 03 j 01:36	0°♄		
	-4093 Jun 30 j 17:54	0°♄		desc. node	-4092 Jun 16 j 02:30	18°♄00'41		
evening max el	-4093 Jul 09 j 23:55	10°♄33'55	26°57'26	evening max el	-4092 Jun 21 j 10:39	23°♄44'31	27°23'18	
retrograde	-4093 Jul 23 j 03:55	17°♄54'21			-4092 Jun 30 j 01:52	0°♄		
evening set	-4093 Jul 30 j 00:09	15°♄06'19		retrograde	-4092 Jul 05 j 00:53	1°♄08'53		
min. Earth dist.	-4093 Aug 02 j 21:02	11°♄12'33	0.65378 AU		-4092 Jul 09 j 16:29	30°♄		
inferior conj	-4093 Aug 04 j 18:29	9°♄00'22	-2°59'12	evening set	-4092 Jul 12 j 04:04	28°♄25'39		
minimum elong	-4093 Aug 04 j 22:08	8°♄49'43	2°57'57	min. Earth dist.	-4092 Jul 15 j 19:20	25°♄06'57	0.63973 AU	
morning rise	-4093 Aug 10 j 20:30	3°♄21'40		inferior conj	-4092 Jul 18 j 06:52	22°♄29'42	-3°38'56	
direct	-4093 Aug 13 j 18:14	2°♄35'12		minimum elong	-4092 Jul 18 j 10:32	22°♄20'00	3°37'58	
asc. node	-4093 Aug 14 j 16:08	2°♄39'46		morning rise	-4092 Jul 24 j 17:46	17°♄07'58		
morning max el	-4093 Aug 20 j 08:30	6°♄11'51	18°23'11	direct	-4092 Jul 27 j 10:43	16°♄31'01		
	-4093 Sep 05 j 12:43	0°♄		asc. node	-4092 Jul 31 j 13:12	17°♄55'31		
morning set	-4093 Sep 08 j 15:26	5°♄06'26		morning max el	-4092 Aug 02 j 23:06	19°♄57'03	18°01'06	
					-4092 Aug 10 j 10:50	0°♄		
superior conj	-4093 Sep 23 j 11:52	29°♄02'43	0°17'08	morning set	-4092 Aug 20 j 07:04	16°♄34'40		
minimum elong	-4093 Sep 23 j 14:03	29°♄11'22	0°16'57		-4092 Aug 28 j 04:47	0°♄		
	-4093 Sep 24 j 02:20	0°♄		superior conj	-4092 Sep 02 j 03:10	8°♄08'58	1°00'32	
max. Earth dist.	-4093 Sep 25 j 19:20	2°♄42'02	1.44764 AU	minimum elong	-4092 Sep 02 j 08:52	8°♄32'16	1°00'00	
desc. node	-4093 Sep 26 j 04:52	3°♄19'36		max. Earth dist.	-4092 Sep 07 j 12:02	16°♄49'06	1.44084 AU	
evening rise	-4093 Oct 10 j 00:30	25°♄01'05		desc. node	-4092 Sep 12 j 01:50	24°♄03'53		
	-4093 Oct 13 j 04:49	0°♄			-4092 Sep 15 j 20:58	0°♄		
greatest brilliancy	-4093 Oct 20 j 15:15	11°♄34'11	-0.8m	evening rise	-4092 Sep 18 j 09:03	3°♄52'51		
evening max el	-4093 Nov 02 j 15:10	29°♄25'06	19°25'02		-4092 Oct 05 j 17:49	0°♄		
	-4093 Nov 03 j 05:03	0°♄		evening max el	-4092 Oct 15 j 18:55	12°♄51'28	20°23'10	
retrograde	-4093 Nov 09 j 19:31	3°♄34'00		retrograde	-4092 Oct 23 j 16:51	17°♄31'02		
asc. node	-4093 Nov 10 j 15:02	3°♄30'12		evening set	-4092 Oct 27 j 10:22	16°♄10'29		
evening set	-4093 Nov 13 j 03:53	2°♄28'36		asc. node	-4092 Oct 27 j 12:07	16°♄07'17		
	-4093 Nov 15 j 22:59	30°♄		inferior conj	-4092 Nov 01 j 21:09	10°♄04'38	1°46'06	
inferior conj	-4093 Nov 18 j 18:48	26°♄33'55	2°32'47	minimum elong	-4092 Nov 01 j 18:52	10°♄12'17	1°45'12	
minimum elong	-4093 Nov 18 j 15:50	26°♄43'28	2°31'46	min. Earth dist.	-4092 Nov 02 j 14:25	9°♄06'29	0.66805 AU	
min. Earth dist.	-4093 Nov 20 j 00:11	24°♄59'27	0.66031 AU	morning rise	-4092 Nov 07 j 03:11	3°♄49'41		
morning rise	-4093 Nov 24 j 03:34	20°♄22'15		direct	-4092 Nov 12 j 17:47	1°♄23'04		
direct	-4093 Nov 30 j 08:55	17°♄39'22		morning max el	-4092 Nov 24 j 04:59	8°♄12'46	24°43'51	
morning max el	-4093 Dec 12 j 20:07	24°♄59'07	26°02'07	desc. node	-4092 Dec 09 j 01:41	26°♄44'22		
	-4093 Dec 17 j 10:18	0°♄			-4092 Dec 11 j 08:12	0°♄		
desc. node	-4093 Dec 23 j 04:42	7°♄14'54		morning set	-4092 Dec 30 j 06:08	0°♄21'28		
	-4092 Jan 07 j 11:24	0°♄			-4092 Dec 30 j 01:16	0°♄		
morning set	-4092 Jan 18 j 01:06	18°♄25'17		max. Earth dist.	-4091 Jan 02 j 23:51	7°♄04'18	1.37449 AU	
max. Earth dist.	-4092 Jan 22 j 00:33	25°♄57'04	1.35643 AU					
	-4092 Jan 24 j 02:14	0°♄		superior conj	-4091 Jan 09 j 14:04	19°♄31'42	-1°46'18	
superior conj	-4092 Jan 27 j 03:34	6°♄07'10	-1°30'51	minimum elong	-4091 Jan 09 j 16:36	19°♄44'01	1°46'18	
minimum elong	-4092 Jan 27 j 06:42	6°♄23'03	1°30'40		-4091 Jan 14 j 21:07	0°♄		
evening rise	-4092 Feb 03 j 23:21	22°♄11'57		evening rise	-4091 Jan 18 j 00:59	6°♄19'22		
asc. node	-4092 Feb 06 j 14:08	27°♄28'48		asc. node	-4091 Jan 23 j 11:10	16°♄50'14		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4091 Jan 31 j 16:46	0°♊					-4090 Jan 07 j 02:07	0°♊			
evening max el	-4091 Feb 04 j 00:25	3°♊42'38	19°17'17	asc. node			-4090 Jan 10 j 08:13	5°♊42'54			
retrograde	-4091 Feb 12 j 23:50	7°♊59'12		evening max el			-4090 Jan 18 j 02:04	16°♊11'52	18°34'37		
evening set	-4091 Feb 15 j 08:25	7°♊42'47		retrograde			-4090 Jan 25 j 19:27	19°♊57'37			
inferior conj	-4091 Feb 23 j 13:28	3°♊33'08	2°51'51	evening set			-4090 Jan 28 j 07:22	19°♊35'27			
minimum elong	-4091 Feb 23 j 18:28	3°♊24'44	2°50'29	inferior conj			-4090 Feb 04 j 19:35	15°♊06'54	3°44'24		
min. Earth dist.	-4091 Feb 26 j 11:11	1°♊36'49	0.56704 AU	minimum elong			-4090 Feb 04 j 22:43	15°♊00'47	3°43'48		
	-4091 Mar 01 j 03:43	30°♋♊		min. Earth dist.			-4090 Feb 08 j 04:37	12°♊30'10	0.58475 AU		
morning rise	-4091 Mar 04 j 01:49	28°♊39'44		morning rise			-4090 Feb 12 j 11:44	9°♊47'11			
desc. node	-4091 Mar 07 j 00:54	27°♊53'58		direct			-4090 Feb 18 j 12:07	8°♊15'48			
direct	-4091 Mar 08 j 21:52	27°♊45'44		desc. node			-4090 Feb 21 j 22:00	8°♊44'40			
	-4091 Mar 16 j 14:07	0°♋		morning max el			-4090 Mar 04 j 18:20	15°♊46'59	26°27'41		
morning max el	-4091 Mar 23 j 01:33	4°♋59'28	25°04'44				-4090 Mar 16 j 07:32	0°♋			
	-4091 Apr 09 j 23:38	0°♌					-4090 Apr 02 j 03:45	0°♌			
morning set	-4091 Apr 18 j 10:42	16°♌35'18		morning set			-4090 Apr 02 j 21:55	1°♌34'36			
asc. node	-4091 Apr 21 j 10:45	22°♌59'23		asc. node			-4090 Apr 08 j 07:44	13°♌11'36			
	-4091 Apr 24 j 16:15	0°♍									
				superior conj			-4090 Apr 09 j 22:30	16°♌43'34	0°16'48		
superior conj	-4091 Apr 25 j 10:59	1°♍41'52	0°40'40	minimum elong			-4090 Apr 09 j 21:46	16°♌39'32	0°16'36		
minimum elong	-4091 Apr 25 j 09:17	1°♍32'37	0°40'20	max. Earth dist.			-4090 Apr 10 j 03:45	17°♌12'16	1.32633 AU		
max. Earth dist.	-4091 Apr 26 j 15:08	4°♍14'32	1.33005 AU				-4090 Apr 16 j 02:05	0°♍			
evening rise	-4091 May 02 j 16:21	17°♍01'43		evening rise			-4090 Apr 16 j 23:09	1°♍50'17			
	-4091 May 09 j 08:03	0°♎					-4090 May 02 j 08:35	0°♎			
	-4091 May 28 j 20:20	0°♏		evening max el			-4090 May 16 j 21:42	18°♎31'20	26°41'00		
desc. node	-4091 Jun 02 j 23:35	5°♏40'26		desc. node			-4090 May 20 j 20:41	21°♎53'15			
evening max el	-4091 Jun 03 j 18:38	6°♏26'54	27°18'31	retrograde			-4090 May 30 j 22:59	25°♎51'18			
retrograde	-4091 Jun 17 j 15:44	13°♏50'37		evening set			-4090 Jun 06 j 12:33	23°♎59'29			
evening set	-4091 Jun 24 j 17:34	11°♏26'24		min. Earth dist.			-4090 Jun 10 j 11:10	21°♎17'37	0.60216 AU		
min. Earth dist.	-4091 Jun 28 j 07:53	8°♏33'31	0.62214 AU	inferior conj			-4090 Jun 13 j 19:32	18°♎32'31	-4°18'28		
inferior conj	-4091 Jul 01 j 08:22	5°♏43'06	-4°07'29	minimum elong			-4090 Jun 13 j 19:37	18°♎32'20	4°18'20		
minimum elong	-4091 Jul 01 j 10:57	5°♏37'01	4°07'02	morning rise			-4090 Jun 21 j 04:45	13°♎51'32			
morning rise	-4091 Jul 08 j 05:41	0°♏40'54		direct			-4090 Jun 23 j 17:19	13°♎27'24			
direct	-4091 Jul 10 j 19:42	0°♏11'12		morning max el			-4090 Jul 01 j 01:13	17°♎00'59	18°12'29		
morning max el	-4091 Jul 17 j 13:36	3°♏35'48	17°57'11	asc. node			-4090 Jul 05 j 07:20	22°♎04'57			
asc. node	-4091 Jul 18 j 10:16	4°♏29'02					-4090 Jul 10 j 07:11	0°♏			
morning set	-4091 Aug 02 j 20:10	29°♏04'16		morning set			-4090 Jul 17 j 01:28	12°♏22'19			
	-4091 Aug 03 j 08:33	0°♐									
				superior conj			-4090 Jul 26 j 17:50	0°♐20'06	1°45'38		
superior conj	-4091 Aug 13 j 21:20	18°♐35'01	1°30'16	minimum elong			-4090 Jul 26 j 20:02	0°♐30'00	1°45'44		
minimum elong	-4091 Aug 14 j 02:12	18°♐55'50	1°30'02				-4090 Jul 26 j 13:23	0°♐			
	-4091 Aug 20 j 16:56	0°♑		max. Earth dist.			-4090 Aug 03 j 06:43	13°♐31'31	1.41057 AU		
max. Earth dist.	-4091 Aug 21 j 00:04	0°♑29'11	1.42789 AU	evening rise			-4090 Aug 08 j 11:05	22°♐08'05			
evening rise	-4091 Aug 28 j 13:59	12°♑36'53					-4090 Aug 13 j 09:12	0°♑			
desc. node	-4091 Aug 29 j 22:47	14°♑44'58		desc. node			-4090 Aug 16 j 19:45	5°♑19'49			
	-4091 Sep 08 j 23:36	0°♒					-4090 Sep 03 j 02:07	0°♒			
evening max el	-4091 Sep 28 j 16:30	26°♒16'33	21°33'39	evening max el			-4090 Sep 11 j 08:25	9°♒42'18	22°52'08		
	-4091 Oct 03 j 01:52	0°♓		retrograde			-4090 Sep 21 j 07:26	15°♒36'32			
retrograde	-4091 Oct 07 j 13:19	1°♓32'25		evening set			-4090 Sep 26 j 01:48	13°♒39'01			
evening set	-4091 Oct 11 j 18:15	29°♒54'17		inferior conj			-4090 Oct 01 j 09:06	7°♒21'22	0°02'21		
	-4091 Oct 11 j 15:18	30°♓♒		minimum elong			-4090 Oct 01 j 09:03	7°♒21'34	0°02'24		
asc. node	-4091 Oct 14 j 09:14	27°♒15'41		transit middle			-4090 Oct 01 j 09:03	7°♒21'34	0°02'24		
inferior conj	-4091 Oct 17 j 02:31	23°♒40'50	0°55'20	transit begin			-4090 Oct 01 j 06:23	7°♒30'47			
minimum elong	-4091 Oct 17 j 01:15	23°♒45'09	0°54'49	transit end			-4090 Oct 01 j 11:43	7°♒12'22			
min. Earth dist.	-4091 Oct 17 j 08:56	23°♒18'41	0.67262 AU	min. Earth dist.			-4090 Oct 01 j 05:16	7°♒34'36	0.67424 AU		
morning rise	-4091 Oct 22 j 08:05	17°♒25'22		asc. node			-4090 Oct 01 j 06:21	7°♒30'51			
direct	-4091 Oct 27 j 07:29	15°♒19'12		morning rise			-4090 Oct 06 j 16:10	1°♒08'28			
morning max el	-4091 Nov 06 j 14:24	21°♒28'01	23°17'49				-4090 Oct 08 j 10:52	30°♓♑			
	-4091 Nov 13 j 22:33	0°♓		direct			-4090 Oct 11 j 01:14	29°♓23'45			
desc. node	-4091 Nov 25 j 22:38	16°♓40'23					-4090 Oct 13 j 19:31	0°♓			
	-4091 Dec 04 j 15:39	0°♔		morning max el			-4090 Oct 20 j 03:42	4°♓47'55	21°53'05		
morning set	-4091 Dec 11 j 09:43	10°♔59'17					-4090 Nov 08 j 04:47	0°♓			
max. Earth dist.	-4091 Dec 15 j 19:20	18°♔29'09	1.39496 AU	desc. node			-4090 Nov 12 j 19:35	6°♓55'31			
	-4091 Dec 22 j 06:05	0°♕		morning set			-4090 Nov 21 j 08:33	20°♓13'40			
							-4090 Nov 27 j 08:43	0°♔			
superior conj	-4091 Dec 23 j 10:03	2°♕08'52	-1°54'11	max. Earth dist.			-4090 Nov 27 j 19:02	0°♔42'53	1.41518 AU		
minimum elong	-4091 Dec 23 j 10:42	2°♕11'55	1°54'20								
evening rise	-4090 Jan 01 j 18:31	19°♕56'55		superior conj			-4090 Dec 05 j 10:14	13°♔45'34	-1°51'04		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4090 Dec 05 j 07:38	13° \mathbb{M} 34'07	1°51'05	max. Earth dist.	-4089 Nov 10 j 02:26	13° \mathbb{A} 50'45	1.43216 AU
	-4090 Dec 14 j 10:13	0° \mathbb{A}					
evening rise	-4090 Dec 16 j 00:45	2° \mathbb{A} 57'44		superior conj	-4089 Nov 16 j 09:00	24° \mathbb{A} 07'51	-1°33'11
asc. node	-4090 Dec 28 j 05:16	23° \mathbb{A} 57'52		minimum elong	-4089 Nov 16 j 02:52	23° \mathbb{A} 42'22	1°32'44
evening max el	-4089 Jan 01 j 10:15	29° \mathbb{A} 05'40	18°12'01		-4089 Nov 19 j 20:45	0° \mathbb{M}	
	-4089 Jan 02 j 09:50	0° \mathbb{B}		evening rise	-4089 Nov 28 j 15:37	15° \mathbb{M} 13'15	
retrograde	-4089 Jan 08 j 08:53	2° \mathbb{B} 36'10			-4089 Dec 07 j 04:04	0° \mathbb{A}	
evening set	-4089 Jan 10 j 23:48	2° \mathbb{B} 06'56		asc. node	-4089 Dec 15 j 02:20	11° \mathbb{A} 23'39	
	-4089 Jan 14 j 16:12	30° \mathbb{R} \mathbb{A}		evening max el	-4089 Dec 15 j 22:03	12° \mathbb{A} 15'38	18°09'03
inferior conj	-4089 Jan 17 j 21:35	27° \mathbb{A} 16'32	4°03'00	retrograde	-4089 Dec 22 j 12:09	15° \mathbb{A} 44'16	
minimum elong	-4089 Jan 17 j 21:53	27° \mathbb{A} 15'51	4°02'48	evening set	-4089 Dec 25 j 06:09	15° \mathbb{A} 07'06	
min. Earth dist.	-4089 Jan 21 j 03:13	24° \mathbb{A} 22'27	0.60479 AU	inferior conj	-4089 Dec 31 j 16:18	9° \mathbb{A} 55'31	3°56'28
morning rise	-4089 Jan 24 j 18:26	21° \mathbb{A} 38'00		minimum elong	-4089 Dec 31 j 14:27	10° \mathbb{A} 00'18	3°56'07
direct	-4089 Jan 31 j 13:23	19° \mathbb{A} 28'45		min. Earth dist.	-4088 Jan 03 j 10:18	7° \mathbb{A} 06'41	0.62406 AU
desc. node	-4089 Feb 08 j 19:05	22° \mathbb{A} 17'53		morning rise	-4088 Jan 06 j 21:51	4° \mathbb{A} 03'31	
morning max el	-4089 Feb 14 j 16:47	27° \mathbb{A} 08'00	27°22'47	direct	-4088 Jan 13 j 23:26	1° \mathbb{A} 26'32	
	-4089 Feb 17 j 10:55	0° \mathbb{B}		desc. node	-4088 Jan 26 j 16:10	8° \mathbb{A} 00'16	
	-4089 Mar 09 j 19:49	0° \approx		morning max el	-4088 Jan 27 j 21:27	9° \mathbb{A} 10'06	27°42'41
morning set	-4089 Mar 18 j 06:18	16° \approx 23'46			-4088 Feb 13 j 02:17	0° \mathbb{B}	
max. Earth dist.	-4089 Mar 24 j 17:00	0° \mathbb{H} 09'59	1.32600 AU		-4088 Feb 29 j 22:47	0° \approx	
	-4089 Mar 24 j 15:11	0° \mathbb{H}		morning set	-4088 Mar 01 j 09:47	0° \approx 55'33	
				max. Earth dist.	-4088 Mar 07 j 03:06	12° \approx 54'08	1.32916 AU
superior conj	-4089 Mar 25 j 10:06	1° \mathbb{H} 43'22	-0°08'06				
minimum elong	-4089 Mar 25 j 10:28	1° \mathbb{H} 45'23	0°08'07	superior conj	-4088 Mar 08 j 20:10	16° \approx 35'30	-0°33'08
behind sun begin	-4089 Mar 25 j 06:08	1° \mathbb{H} 21'39		minimum elong	-4088 Mar 08 j 21:38	16° \approx 43'30	0°32'58
behind sun end	-4089 Mar 25 j 14:49	2° \mathbb{H} 09'07		asc. node	-4088 Mar 12 j 01:43	23° \approx 36'06	
asc. node	-4089 Mar 26 j 04:43	3° \mathbb{H} 25'08			-4088 Mar 15 j 01:09	0° \mathbb{H}	
evening rise	-4089 Apr 01 j 09:19	16° \mathbb{H} 46'53		evening rise	-4088 Mar 15 j 20:55	1° \mathbb{H} 44'36	
	-4089 Apr 08 j 00:08	0° \mathbb{Y}			-4088 Mar 31 j 12:45	0° \mathbb{Y}	
	-4089 Apr 28 j 21:08	0° \mathbb{B}		evening max el	-4088 Apr 09 j 10:50	10° \mathbb{Y} 44'46	24°05'56
evening max el	-4089 Apr 28 j 18:32	29° \mathbb{Y} 53'46	25°33'37	retrograde	-4088 Apr 23 j 06:13	17° \mathbb{Y} 40'13	
desc. node	-4089 May 07 j 17:49	6° \mathbb{B} 04'51		desc. node	-4088 Apr 23 j 14:58	17° \mathbb{Y} 39'55	
retrograde	-4089 May 12 j 20:25	7° \mathbb{B} 06'09		evening set	-4088 Apr 27 j 12:03	17° \mathbb{Y} 00'08	
evening set	-4089 May 18 j 09:58	5° \mathbb{B} 52'53		min. Earth dist.	-4088 May 03 j 22:26	13° \mathbb{Y} 53'38	0.56486 AU
min. Earth dist.	-4089 May 23 j 06:56	3° \mathbb{B} 05'37	0.58203 AU	inferior conj	-4088 May 06 j 09:48	12° \mathbb{Y} 21'26	-3°10'17
inferior conj	-4089 May 26 j 12:42	0° \mathbb{B} 47'35	-4°02'44	minimum elong	-4088 May 06 j 03:57	12° \mathbb{Y} 30'34	3°08'52
minimum elong	-4089 May 26 j 09:17	0° \mathbb{B} 53'41	4°02'14	morning rise	-4088 May 14 j 22:55	8° \mathbb{Y} 18'48	
	-4089 May 27 j 15:35	30° \mathbb{R} \mathbb{Y}		direct	-4088 May 17 j 10:24	8° \mathbb{Y} 02'35	
morning rise	-4089 Jun 03 j 11:24	26° \mathbb{Y} 27'49		morning max el	-4088 May 27 j 04:17	12° \mathbb{Y} 33'55	19°43'41
direct	-4089 Jun 05 j 23:16	26° \mathbb{Y} 08'09		asc. node	-4088 Jun 08 j 01:24	29° \mathbb{Y} 29'01	
	-4089 Jun 14 j 05:36	0° \mathbb{B}			-4088 Jun 08 j 08:09	0° \mathbb{B}	
morning max el	-4089 Jun 14 j 06:59	0° \mathbb{B} 03'14	18°47'52	morning set	-4088 Jun 13 j 19:45	10° \mathbb{B} 38'42	
asc. node	-4089 Jun 22 j 04:22	10° \mathbb{B} 28'40					
morning set	-4089 Jun 30 j 18:28	26° \mathbb{B} 16'44		superior conj	-4088 Jun 21 j 20:00	26° \mathbb{B} 46'15	1°43'30
	-4089 Jul 02 j 16:09	0° \mathbb{H}		minimum elong	-4088 Jun 21 j 18:07	26° \mathbb{B} 36'55	1°43'32
					-4088 Jun 23 j 11:24	0° \mathbb{H}	
superior conj	-4089 Jul 09 j 11:15	13° \mathbb{H} 08'58	1°49'06	max. Earth dist.	-4088 Jun 27 j 12:11	7° \mathbb{H} 43'47	1.37227 AU
minimum elong	-4089 Jul 09 j 10:58	13° \mathbb{H} 07'38	1°49'16	evening rise	-4088 Jul 01 j 09:33	14° \mathbb{H} 52'49	
max. Earth dist.	-4089 Jul 16 j 09:19	25° \mathbb{H} 52'20	1.39119 AU		-4088 Jul 10 j 05:36	0° \mathbb{B}	
	-4089 Jul 18 j 17:38	0° \mathbb{B}		desc. node	-4088 Jul 20 j 13:49	15° \mathbb{B} 51'01	
evening rise	-4089 Jul 20 j 09:51	2° \mathbb{B} 53'22			-4088 Jul 31 j 05:34	0° \mathbb{B}	
desc. node	-4089 Aug 03 j 16:46	25° \mathbb{B} 43'42		evening max el	-4088 Aug 06 j 07:05	6° \mathbb{B} 40'17	25°28'15
	-4089 Aug 06 j 14:26	0° \mathbb{B}		retrograde	-4088 Aug 18 j 08:31	13° \mathbb{B} 38'38	
evening max el	-4089 Aug 24 j 20:28	23° \mathbb{B} 09'53	24°12'46	evening set	-4088 Aug 24 j 08:41	11° \mathbb{B} 04'16	
retrograde	-4089 Sep 04 j 22:02	29° \mathbb{B} 39'53		min. Earth dist.	-4088 Aug 28 j 17:37	6° \mathbb{B} 10'26	0.66825 AU
evening set	-4089 Sep 10 j 07:13	27° \mathbb{B} 22'45		inferior conj	-4088 Aug 29 j 19:02	4° \mathbb{B} 48'00	-1°43'34
min. Earth dist.	-4089 Sep 15 j 00:57	21° \mathbb{B} 52'19	0.67286 AU	minimum elong	-4088 Aug 29 j 21:25	4° \mathbb{B} 40'18	1°42'28
inferior conj	-4089 Sep 15 j 15:11	21° \mathbb{B} 04'13	-0°51'10		-4088 Sep 02 j 22:29	30° \mathbb{R} \mathbb{B}	
minimum elong	-4089 Sep 15 j 16:23	21° \mathbb{B} 00'11	0°50'33	morning rise	-4088 Sep 04 j 10:15	28° \mathbb{B} 49'24	
asc. node	-4089 Sep 18 j 03:30	17° \mathbb{B} 48'57		asc. node	-4088 Sep 04 j 00:38	29° \mathbb{B} 06'04	
morning rise	-4089 Sep 21 j 01:31	14° \mathbb{B} 56'56		direct	-4088 Sep 07 j 19:55	27° \mathbb{B} 42'19	
direct	-4089 Sep 24 j 21:50	13° \mathbb{B} 32'25			-4088 Sep 13 j 01:46	0° \mathbb{B}	
morning max el	-4089 Oct 02 j 23:38	18° \mathbb{B} 15'52	20°36'30	morning max el	-4088 Sep 15 j 02:55	1° \mathbb{B} 53'12	19°32'29
	-4089 Oct 12 j 08:21	0° \mathbb{B}			-4088 Oct 05 j 00:03	0° \mathbb{B}	
desc. node	-4089 Oct 30 j 16:32	27° \mathbb{B} 23'41		morning set	-4088 Oct 09 j 11:10	6° \mathbb{B} 55'56	
morning set	-4089 Oct 31 j 09:59	28° \mathbb{B} 31'23		desc. node	-4088 Oct 16 j 13:28	18° \mathbb{B} 00'49	
	-4089 Nov 01 j 08:46	0° \mathbb{B}		max. Earth dist.	-4088 Oct 22 j 16:15	27° \mathbb{B} 39'06	1.44363 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4088 Oct 24 j 03:44	0°♄		behind sun begin	-4087 Oct 04 j 19:40	10°♎54'33	
				behind sun end	-4087 Oct 05 j 12:34	12°♎01'07	
superior conj	-4088 Oct 26 j 04:23	3°♄14'04	-0°58'35	max. Earth dist.	-4087 Oct 05 j 09:28	11°♎48'55	1.44824 AU
minimum elong	-4088 Oct 25 j 21:55	2°♄48'10	0°57'49		-4087 Oct 16 j 21:39	0°♄	
evening rise	-4088 Nov 09 j 10:32	26°♄34'32		evening rise	-4087 Oct 21 j 05:24	6°♄53'29	
	-4088 Nov 11 j 11:38	0°♍			-4087 Nov 04 j 22:07	0°♍	
evening max el	-4088 Nov 28 j 10:40	25°♍35'22	18°24'53	evening max el	-4087 Nov 11 j 21:36	9°♍00'40	18°58'23
asc. node	-4088 Nov 30 j 23:27	27°♍46'23		asc. node	-4087 Nov 17 j 20:34	12°♍50'54	
retrograde	-4088 Dec 05 j 00:46	29°♍12'46		retrograde	-4087 Nov 18 j 18:55	12°♍55'47	
evening set	-4088 Dec 07 j 22:52	28°♍26'23		evening set	-4087 Nov 21 j 22:53	11°♍58'09	
inferior conj	-4088 Dec 13 j 23:56	22°♍55'54	3°32'36	inferior conj	-4087 Nov 27 j 17:00	6°♍11'37	2°57'03
minimum elong	-4088 Dec 13 j 20:58	23°♍04'21	3°31'53	minimum elong	-4087 Nov 27 j 13:50	6°♍21'25	2°56'03
min. Earth dist.	-4088 Dec 16 j 03:26	20°♍29'01	0.64082 AU	min. Earth dist.	-4087 Nov 29 j 06:11	4°♍16'26	0.65423 AU
morning rise	-4088 Dec 19 j 18:33	16°♍54'03		morning rise	-4087 Dec 03 j 04:27	0°♍02'47	
direct	-4088 Dec 26 j 17:07	14°♍03'51			-4087 Dec 03 j 05:44	30°♎♄	
morning max el	-4087 Jan 09 j 06:06	21°♍46'43	27°26'44	direct	-4087 Dec 09 j 17:23	27°♄13'37	
desc. node	-4087 Jan 12 j 13:12	25°♍16'11			-4087 Dec 17 j 01:59	0°♍	
	-4087 Jan 16 j 12:18	0°♎		morning max el	-4087 Dec 22 j 15:47	4°♍45'48	26°39'51
	-4087 Feb 05 j 05:08	0°♎		desc. node	-4087 Dec 30 j 10:12	13°♍38'32	
morning set	-4087 Feb 13 j 05:34	14°♎59'43			-4086 Jan 11 j 00:43	0°♎	
max. Earth dist.	-4087 Feb 18 j 05:46	25°♎09'25	1.33623 AU	morning set	-4086 Jan 27 j 14:09	28°♎25'12	
	-4087 Feb 20 j 13:05	0°♏			-4086 Jan 28 j 10:02	0°♎	
				max. Earth dist.	-4086 Jan 31 j 21:32	6°♎48'14	1.34773 AU
superior conj	-4087 Feb 21 j 02:46	1°♏12'35	-0°57'24				
minimum elong	-4087 Feb 21 j 05:13	1°♏25'35	0°57'07	superior conj	-4086 Feb 05 j 03:50	15°♎28'03	-1°19'37
asc. node	-4087 Feb 26 j 22:42	13°♏39'31		minimum elong	-4086 Feb 05 j 06:53	15°♎43'51	1°19'22
evening rise	-4087 Feb 28 j 08:08	16°♏35'44			-4086 Feb 12 j 02:50	0°♏	
	-4087 Mar 07 j 01:57	0°♐		evening rise	-4086 Feb 12 j 17:11	1°♏14'25	
evening max el	-4087 Mar 22 j 03:59	21°♐28'00	22°31'46	asc. node	-4086 Feb 13 j 19:43	3°♏30'49	
retrograde	-4087 Apr 04 j 03:54	27°♐49'03			-4086 Mar 01 j 18:39	0°♐	
evening set	-4087 Apr 07 j 05:00	27°♐28'39		evening max el	-4086 Mar 04 j 04:11	2°♐30'12	21°03'55
desc. node	-4087 Apr 10 j 12:06	26°♐24'49		retrograde	-4086 Mar 15 j 17:35	8°♐01'16	
min. Earth dist.	-4087 Apr 15 j 12:43	23°♐50'48	0.55403 AU	evening set	-4086 Mar 18 j 03:33	7°♐47'42	
inferior conj	-4087 Apr 16 j 13:10	23°♐15'54	-1°38'19	inferior conj	-4086 Mar 27 j 08:27	3°♐49'21	0°17'08
minimum elong	-4087 Apr 16 j 08:53	23°♐22'01	1°36'58	minimum elong	-4086 Mar 27 j 09:15	3°♐48'14	0°16'47
morning rise	-4087 Apr 25 j 14:39	19°♐18'40		min. Earth dist.	-4086 Mar 28 j 02:58	3°♐23'02	0.55203 AU
direct	-4087 Apr 28 j 04:36	19°♐03'17		desc. node	-4086 Mar 28 j 09:13	3°♐14'10	
morning max el	-4087 May 09 j 15:04	24°♐24'31	20°59'03		-4086 Apr 04 j 07:55	30°♎♏	
	-4087 May 14 j 14:35	0°♑		morning rise	-4086 Apr 05 j 14:20	29°♏40'00	
asc. node	-4087 May 25 j 22:24	18°♑56'14		direct	-4086 Apr 08 j 16:36	29°♏19'05	
morning set	-4087 May 29 j 02:37	25°♑20'02			-4086 Apr 12 j 22:24	0°♐	
	-4087 May 31 j 08:46	0°♒		morning max el	-4086 Apr 21 j 15:08	5°♐33'40	22°30'26
					-4086 May 08 j 10:29	0°♑	
superior conj	-4087 Jun 05 j 15:34	10°♒57'55	1°31'15	asc. node	-4086 May 12 j 19:23	8°♑43'13	
minimum elong	-4087 Jun 05 j 12:57	10°♒44'31	1°31'04	morning set	-4086 May 13 j 12:59	10°♑14'26	
max. Earth dist.	-4087 Jun 09 j 21:15	19°♒31'13	1.35585 AU				
evening rise	-4087 Jun 14 j 05:09	27°♒53'01		superior conj	-4086 May 20 j 18:33	25°♑33'35	1°14'10
	-4087 Jun 15 j 08:19	0°♓		minimum elong	-4086 May 20 j 15:55	25°♑19'40	1°13'50
	-4087 Jul 03 j 12:02	0°♓			-4086 May 22 j 21:18	0°♒	
desc. node	-4087 Jul 07 j 10:53	5°♓33'58		max. Earth dist.	-4086 May 23 j 16:15	1°♒38'24	1.34296 AU
evening max el	-4087 Jul 19 j 18:03	20°♓10'21	26°30'39	evening rise	-4086 May 28 j 15:27	11°♒39'06	
retrograde	-4087 Aug 01 j 14:17	27°♓26'25			-4086 Jun 07 j 16:28	0°♓	
evening set	-4087 Aug 08 j 04:01	24°♓40'47		desc. node	-4086 Jun 24 j 07:58	24°♓41'48	
min. Earth dist.	-4087 Aug 12 j 04:57	20°♓25'05	0.66010 AU		-4086 Jun 28 j 19:36	0°♓	
inferior conj	-4087 Aug 13 j 18:44	18°♓29'57	-2°32'59	evening max el	-4086 Jul 02 j 05:28	3°♓32'06	27°11'56
minimum elong	-4087 Aug 13 j 22:03	18°♓19'51	2°31'42	retrograde	-4086 Jul 15 j 14:43	10°♓55'15	
morning rise	-4087 Aug 19 j 16:22	12°♓43'03		evening set	-4086 Jul 22 j 14:29	8°♓07'53	
asc. node	-4087 Aug 21 j 21:44	11°♓54'02		min. Earth dist.	-4086 Jul 26 j 08:40	4°♓29'27	0.64824 AU
direct	-4087 Aug 22 j 17:42	11°♓50'07		inferior conj	-4086 Jul 28 j 12:01	2°♓05'37	-3°17'09
morning max el	-4087 Aug 29 j 12:20	15°♓37'07	18°43'40	minimum elong	-4086 Jul 28 j 15:47	1°♓55'02	3°15'59
	-4087 Sep 09 j 01:36	0°♑			-4086 Jul 30 j 10:08	30°♎♓	
morning set	-4087 Sep 19 j 08:46	16°♑23'21		morning rise	-4086 Aug 03 j 17:37	26°♓33'32	
	-4087 Sep 27 j 21:50	0°♒		direct	-4086 Aug 06 j 12:59	25°♓51'30	
desc. node	-4087 Oct 03 j 10:25	8°♒43'33		asc. node	-4086 Aug 08 j 18:49	26°♓18'11	
				morning max el	-4086 Aug 13 j 01:42	29°♓22'55	18°11'30
superior conj	-4087 Oct 05 j 05:37	11°♒33'45	-0°11'24		-4086 Aug 13 j 15:56	0°♓	
minimum elong	-4087 Oct 05 j 04:07	11°♒27'50	0°11'08	morning set	-4086 Aug 31 j 09:44	27°♓09'49	

































































































































Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4086 Sep 02 j 02:32	0°♌		superior conj	-4085 Aug 25 j 11:57	29°♌44'45	1°14'58
				minimum elong	-4085 Aug 25 j 17:43	0°♌08'44	1°14'32
superior conj	-4086 Sep 14 j 09:43	20°♌05'51	0°36'56		-4085 Aug 25 j 15:37	0°♌	
minimum elong	-4086 Sep 14 j 14:00	20°♌22'58	0°36'30	max. Earth dist.	-4085 Aug 31 j 18:43	10°♌01'51	1.43611 AU
max. Earth dist.	-4086 Sep 18 j 03:14	26°♌02'07	1.44559 AU	desc. node	-4085 Sep 07 j 04:20	20°♌11'40	
desc. node	-4086 Sep 20 j 07:22	29°♌28'04		evening rise	-4085 Sep 10 j 04:41	24°♌53'23	
	-4086 Sep 20 j 15:29	0°♍			-4085 Sep 13 j 12:19	0°♍	
evening rise	-4086 Oct 01 j 00:03	16°♍10'37			-4085 Oct 04 j 04:49	0°♎	
	-4086 Oct 09 j 22:58	0°♎		evening max el	-4085 Oct 09 j 05:53	5°♎53'59	20°51'49
greatest brilliancy	-4086 Oct 13 j 16:25	2°♎39'26	-0.7m	retrograde	-4085 Oct 17 j 12:44	10°♎47'50	
evening max el	-4086 Oct 26 j 04:34	22°♎27'33	19°48'07	evening set	-4085 Oct 21 j 10:57	9°♎19'55	
retrograde	-4086 Nov 02 j 15:39	26°♎48'23		asc. node	-4085 Oct 22 j 14:49	8°♎20'15	
asc. node	-4086 Nov 04 j 17:41	26°♎23'09		inferior conj	-4085 Oct 26 j 20:29	3°♎10'32	1°24'54
evening set	-4086 Nov 06 j 03:38	25°♎36'57		minimum elong	-4085 Oct 26 j 18:37	3°♎16'54	1°24'09
inferior conj	-4086 Nov 11 j 16:37	19°♎37'23	2°13'36	min. Earth dist.	-4085 Oct 27 j 08:59	2°♎27'57	0.67049 AU
minimum elong	-4086 Nov 11 j 13:54	19°♎46'20	2°12'35		-4085 Oct 29 j 05:49	30°♎	
min. Earth dist.	-4086 Nov 12 j 16:44	18°♎18'07	0.66407 AU	morning rise	-4085 Nov 01 j 02:06	26°♎55'17	
morning rise	-4086 Nov 16 j 23:55	13°♎24'06		direct	-4085 Nov 06 j 10:16	24°♎37'06	
direct	-4086 Nov 22 j 23:19	10°♎47'04			-4085 Nov 16 j 05:04	0°♏	
morning max el	-4086 Dec 05 j 00:44	17°♏55'23	25°30'15	morning max el	-4085 Nov 17 j 09:27	1°♏09'29	24°07'32
	-4086 Dec 15 j 05:32	0°♐		desc. node	-4085 Dec 04 j 04:11	22°♏29'18	
desc. node	-4086 Dec 17 j 07:12	2°♐47'24			-4085 Dec 09 j 05:53	0°♑	
	-4085 Jan 04 j 00:48	0°♑		morning set	-4085 Dec 23 j 01:39	22°♑21'40	
morning set	-4085 Jan 10 j 06:49	10°♑57'46		max. Earth dist.	-4085 Dec 26 j 22:38	29°♑09'49	1.38314 AU
max. Earth dist.	-4085 Jan 14 j 01:41	17°♑58'35	1.36369 AU		-4085 Dec 27 j 09:50	0°♒	
superior conj	-4085 Jan 19 j 20:36	29°♒13'40	-1°38'10	superior conj	-4084 Jan 03 j 01:29	12°♒19'29	-1°50'46
minimum elong	-4085 Jan 19 j 23:36	29°♒28'39	1°38'02	minimum elong	-4084 Jan 03 j 03:24	12°♒28'36	1°50'50
	-4085 Jan 20 j 05:53	0°♓		evening rise	-4084 Jan 11 j 20:39	29°♒30'03	
evening rise	-4085 Jan 27 j 22:08	15°♓34'34			-4084 Jan 12 j 02:45	0°♓	
asc. node	-4085 Jan 31 j 16:44	23°♓04'37		asc. node	-4084 Jan 18 j 13:47	12°♓14'38	
	-4085 Feb 04 j 10:20	0°♔		evening max el	-4084 Jan 28 j 11:14	26°♓16'55	18°56'36
evening max el	-4085 Feb 14 j 14:39	14°♔05'57	19°50'50		-4084 Feb 03 j 12:16	0°♕	
retrograde	-4085 Feb 24 j 11:12	18°♔46'22		retrograde	-4084 Feb 05 j 20:24	0°♕18'29	
evening set	-4085 Feb 26 j 18:49	18°♔32'03		evening set	-4084 Feb 08 j 06:29	29°♕59'44	
inferior conj	-4085 Mar 07 j 09:45	14°♔30'22	2°04'21		-4084 Feb 08 j 06:03	30°♕	
minimum elong	-4085 Mar 07 j 14:24	14°♔23'10	2°02'50	inferior conj	-4084 Feb 16 j 04:06	25°♕42'17	3°18'51
min. Earth dist.	-4085 Mar 09 j 17:11	13°♔04'46	0.55930 AU	minimum elong	-4084 Feb 16 j 08:35	25°♕34'15	3°17'47
desc. node	-4085 Mar 15 j 06:18	10°♔16'04		min. Earth dist.	-4084 Feb 19 j 08:35	23°♕26'36	0.57407 AU
morning rise	-4085 Mar 16 j 07:41	9°♔54'52		morning rise	-4084 Feb 24 j 08:08	20°♕37'07	
direct	-4085 Mar 20 j 10:44	9°♔17'02		direct	-4084 Feb 29 j 17:00	19°♕28'21	
morning max el	-4085 Apr 03 j 07:36	16°♔13'34	24°09'34	desc. node	-4084 Mar 01 j 03:26	19°♕28'48	
	-4085 Apr 14 j 07:43	0°♕		morning max el	-4084 Mar 14 j 22:38	26°♕50'16	25°42'55
morning set	-4085 Apr 28 j 01:02	25°♕16'08			-4084 Mar 17 j 23:27	0°♖	
asc. node	-4085 Apr 29 j 16:22	28°♕44'13			-4084 Apr 06 j 10:42	0°♗	
	-4085 Apr 30 j 06:33	0°♖		morning set	-4084 Apr 11 j 13:02	10°♗18'11	
				asc. node	-4084 Apr 15 j 13:20	18°♗53'33	
superior conj	-4085 May 05 j 02:25	10°♖25'09	0°53'38	superior conj	-4084 Apr 18 j 13:05	25°♗24'47	0°30'43
minimum elong	-4085 May 05 j 00:16	10°♖13'33	0°53'16	minimum elong	-4084 Apr 18 j 11:46	25°♗17'35	0°30'26
max. Earth dist.	-4085 May 06 j 20:42	14°♖12'16	1.33372 AU	max. Earth dist.	-4084 Apr 19 j 07:26	27°♗04'49	1.32802 AU
evening rise	-4085 May 12 j 12:11	25°♖58'02			-4084 Apr 20 j 15:41	0°♘	
	-4085 May 14 j 12:49	0°♘			-4084 Apr 25 j 16:03	10°♘38'06	
	-4085 Jun 01 j 02:34	0°♙		evening rise	-4084 May 05 j 19:33	0°♘	
desc. node	-4085 Jun 11 j 05:01	13°♙00'00		evening max el	-4084 May 26 j 21:46	29°♘00'52	27°06'35
evening max el	-4085 Jun 14 j 15:38	16°♙33'43	27°25'20		-4084 May 27 j 23:12	0°♚	
retrograde	-4085 Jun 28 j 09:02	23°♙57'22		desc. node	-4084 May 28 j 02:07	0°♚06'34	
evening set	-4085 Jul 05 j 12:47	21°♙20'48		retrograde	-4084 Jun 09 j 20:33	6°♙22'47	
min. Earth dist.	-4085 Jul 09 j 03:01	18°♙14'20	0.63266 AU	evening set	-4084 Jun 16 j 18:53	4°♙10'51	
inferior conj	-4085 Jul 11 j 20:14	15°♙30'01	-3°52'44	min. Earth dist.	-4084 Jun 20 j 11:15	1°♙24'59	0.61387 AU
minimum elong	-4085 Jul 11 j 23:36	15°♙21'30	3°51'59		-4084 Jun 22 j 01:58	30°♙	
morning rise	-4085 Jul 18 j 11:20	10°♙15'57		inferior conj	-4084 Jun 23 j 16:04	28°♙34'21	-4°14'47
direct	-4085 Jul 21 j 02:53	9°♙42'13		minimum elong	-4084 Jun 23 j 17:46	28°♙30'33	4°14'31
asc. node	-4085 Jul 26 j 15:53	12°♙09'22		morning rise	-4084 Jun 30 j 18:15	23°♙41'08	
morning max el	-4085 Jul 27 j 16:34	13°♙06'25	17°57'05	direct	-4084 Jul 03 j 07:41	23°♙13'49	
	-4085 Aug 08 j 05:54	0°♑		morning max el	-4084 Jul 10 j 06:11	26°♙40'27	18°01'21
morning set	-4085 Aug 13 j 11:19	9°♑07'02		asc. node	-4084 Jul 12 j 12:56	29°♙11'16	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4084 Jul 13 j 04:24	0° Π			-4083 Jul 06 j 20:19	0° Π	
morning set	-4084 Jul 26 j 07:57	21° Π 59'09		morning set	-4083 Jul 09 j 18:38	5° Π 33'25	
	-4084 Jul 30 j 17:04	0° Ξ					
superior conj	-4084 Aug 05 j 17:54	10° Ξ 46'18	1°38'25	superior conj	-4083 Jul 19 j 00:01	23° Π 00'39	1°48'24
minimum elong	-4084 Aug 05 j 21:42	11° Ξ 02'55	1°38'21	minimum elong	-4083 Jul 19 j 01:04	23° Π 05'31	1°48'33
max. Earth dist.	-4084 Aug 13 j 05:00	23° Ξ 29'08	1.42099 AU	max. Earth dist.	-4083 Jul 22 j 20:29	0° Ξ	
	-4084 Aug 17 j 04:34	0° Ω		evening rise	-4083 Jul 26 j 09:13	6° Ξ 12'01	1.40238 AU
evening rise	-4084 Aug 19 j 14:31	3° Ω 52'06			-4083 Jul 30 j 22:00	13° Ξ 52'51	
desc. node	-4084 Aug 24 j 01:18	10° Ω 50'44		desc. node	-4083 Aug 10 j 00:53	0° Ω	
	-4084 Sep 05 j 21:56	0° \P			-4083 Aug 10 j 22:18	1° Ω 21'29	
evening max el	-4084 Sep 21 j 00:53	19° \P 19'12	22°06'15	evening max el	-4083 Sep 01 j 00:35	0° \P	
retrograde	-4084 Sep 30 j 08:26	24° \P 51'19		retrograde	-4083 Sep 03 j 14:41	2° \P 45'00	23°26'32
evening set	-4084 Oct 04 j 18:58	23° \P 04'49		evening set	-4083 Sep 14 j 01:21	8° \P 55'50	
asc. node	-4084 Oct 08 j 11:56	19° \P 00'38		evening set	-4083 Sep 19 j 01:52	6° \P 49'47	
inferior conj	-4084 Oct 10 j 02:37	16° \P 49'00	0°33'00	inferior conj	-4083 Sep 24 j 09:14	0° \P 31'04	-0°20'24
minimum elong	-4084 Oct 10 j 01:51	16° \P 51'38	0°32'44	minimum elong	-4083 Sep 24 j 09:42	0° \P 29'27	0°20'05
min. Earth dist.	-4084 Oct 10 j 04:33	16° \P 42'19	0.67372 AU	min. Earth dist.	-4083 Sep 24 j 00:59	0° \P 59'23	0.67399 AU
morning rise	-4084 Oct 15 j 08:38	10° \P 34'25			-4083 Sep 24 j 18:18	30° \P 0	
direct	-4084 Oct 20 j 01:41	8° \P 37'42		asc. node	-4083 Sep 25 j 09:05	29° Ω 09'50	
morning max el	-4084 Oct 29 j 20:20	14° \P 27'17	22°41'09	morning rise	-4083 Sep 29 j 17:28	24° Ω 20'04	
	-4084 Nov 11 j 08:35	0° Υ		direct	-4083 Oct 03 j 20:46	22° Ω 44'23	
desc. node	-4084 Nov 20 j 01:09	12° Υ 34'37		morning max el	-4083 Oct 12 j 12:21	27° Ω 50'58	21°19'09
	-4084 Dec 01 j 05:42	0° \P			-4083 Oct 14 j 12:09	0° \P	
morning set	-4084 Dec 02 j 17:07	2° \P 24'08		desc. node	-4083 Nov 05 j 00:01	0° Υ	
max. Earth dist.	-4084 Dec 07 j 19:41	10° \P 55'37	1.40379 AU		-4083 Nov 06 j 22:06	2° Υ 56'00	
				morning set	-4083 Nov 12 j 05:06	11° Υ 09'14	
superior conj	-4084 Dec 15 j 13:47	24° \P 33'00	-1°54'26	max. Earth dist.	-4083 Nov 19 j 22:13	23° Υ 32'01	1.42291 AU
minimum elong	-4084 Dec 15 j 13:12	24° \P 30'21	1°54'34		-4083 Nov 23 j 19:45	0° \P	
	-4084 Dec 18 j 13:13	0° \P		superior conj	-4083 Nov 27 j 03:45	5° \P 39'26	-1°45'29
evening rise	-4084 Dec 25 j 09:53	12° \P 53'47		minimum elong	-4083 Nov 26 j 23:32	5° \P 21'20	1°45'20
	-4083 Jan 03 j 21:32	0° Ξ		evening rise	-4083 Dec 08 j 10:10	25° \P 36'43	
asc. node	-4083 Jan 04 j 10:51	0° Ξ 53'06			-4083 Dec 10 j 20:24	0° \P	
evening max el	-4083 Jan 10 j 15:59	8° Ξ 57'49	18°22'31	asc. node	-4083 Dec 22 j 07:57	18° \P 49'06	
retrograde	-4083 Jan 18 j 00:16	12° Ξ 35'47		evening max el	-4083 Dec 25 j 02:05	21° \P 59'38	18°08'24
evening set	-4083 Jan 20 j 13:21	12° Ξ 10'49		retrograde	-4083 Dec 31 j 20:04	25° \P 27'58	
inferior conj	-4083 Jan 27 j 19:03	7° Ξ 32'52	3°55'57	evening set	-4082 Jan 03 j 12:08	24° \P 55'39	
minimum elong	-4083 Jan 27 j 20:58	7° Ξ 28'52	3°55'37	inferior conj	-4082 Jan 10 j 04:40	19° \P 56'20	4°02'44
min. Earth dist.	-4083 Jan 31 j 03:57	4° Ξ 45'46	0.59313 AU	minimum elong	-4082 Jan 10 j 03:56	19° \P 58'07	4°02'33
morning rise	-4083 Feb 04 j 02:34	2° Ξ 03'59		min. Earth dist.	-4082 Jan 13 j 06:08	17° \P 01'37	0.61320 AU
direct	-4083 Feb 10 j 11:59	0° Ξ 16'04		morning rise	-4082 Jan 16 j 18:26	14° \P 11'18	
desc. node	-4083 Feb 16 j 00:32	1° Ξ 32'06		direct	-4082 Jan 23 j 17:35	11° \P 48'18	
morning max el	-4083 Feb 24 j 17:53	7° Ξ 51'44	26°55'16	desc. node	-4082 Feb 02 j 21:37	16° \P 04'45	
	-4083 Mar 13 j 11:06	0° \approx		morning max el	-4082 Feb 06 j 19:13	19° \P 30'48	27°35'38
morning set	-4083 Mar 26 j 23:18	25° \approx 14'30			-4082 Feb 15 j 18:50	0° Ξ	
	-4083 Mar 29 j 05:24	0° \P			-4082 Mar 06 j 05:23	0° \approx	
asc. node	-4083 Apr 02 j 10:20	9° \P 07'05		morning set	-4082 Mar 11 j 05:52	9° \approx 57'11	
				max. Earth dist.	-4082 Mar 17 j 09:00	22° \approx 57'05	1.32686 AU
superior conj	-4083 Apr 03 j 00:51	10° \P 26'36	0°06'20				
minimum elong	-4083 Apr 03 j 00:35	10° \P 25'04	0°06'12	superior conj	-4082 Mar 18 j 12:00	25° \approx 23'53	-0°18'45
behind sun begin	-4083 Apr 02 j 19:57	9° \P 59'45		minimum elong	-4082 Mar 18 j 12:51	25° \approx 28'29	0°18'42
behind sun end	-4083 Apr 03 j 05:12	10° \P 50'23		asc. node	-4082 Mar 20 j 07:20	29° \approx 20'06	
max. Earth dist.	-4083 Apr 02 j 20:50	10° \P 04'34	1.32573 AU		-4082 Mar 20 j 14:39	0° \P	
evening rise	-4083 Apr 10 j 00:31	25° \P 30'57		evening rise	-4082 Mar 25 j 11:30	10° \P 28'30	
	-4083 Apr 12 j 04:42	0° \P			-4082 Apr 04 j 13:54	0° \P	
	-4083 Apr 29 j 17:33	0° \P		evening max el	-4082 Apr 20 j 16:18	21° \P 52'31	24°58'04
evening max el	-4083 May 08 j 21:56	10° \P 46'04	26°15'30	desc. node	-4082 May 01 j 20:21	28° \P 40'49	
desc. node	-4083 May 14 j 23:14	15° \P 32'15		retrograde	-4082 May 04 j 17:08	28° \P 59'59	
retrograde	-4083 May 23 j 00:02	18° \P 04'14		evening set	-4082 May 09 j 17:18	28° \P 02'20	
evening set	-4083 May 29 j 04:51	16° \P 28'18		min. Earth dist.	-4082 May 15 j 04:37	25° \P 08'01	0.57408 AU
min. Earth dist.	-4083 Jun 02 j 10:47	13° \P 46'20	0.59343 AU	inferior conj	-4082 May 18 j 04:34	23° \P 07'30	-3°45'27
inferior conj	-4083 Jun 05 j 19:55	11° \P 09'43	-4°15'42	minimum elong	-4082 May 17 j 23:49	23° \P 15'32	3°44'35
minimum elong	-4083 Jun 05 j 18:34	11° \P 12'20	4°15'31	morning rise	-4082 May 26 j 09:23	18° \P 55'51	
morning rise	-4083 Jun 13 j 10:44	6° \P 38'21		direct	-4082 May 28 j 20:47	18° \P 37'59	
direct	-4083 Jun 15 j 22:56	6° \P 16'18		morning max el	-4082 Jun 06 j 18:12	22° \P 47'08	19°09'10
morning max el	-4083 Jun 23 j 15:43	9° \P 57'09	18°25'08		-4082 Jun 12 j 16:20	0° \P	
asc. node	-4083 Jun 29 j 09:59	17° \P 08'50		asc. node	-4082 Jun 16 j 07:00	5° \P 49'17	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning set	-4082 Jun 23 j 15:30	19°  40'16		morning set	-4081 Jun 07 j 19:25	4°  11'09	
	-4082 Jun 28 j 20:28	0°  II					
superior conj	-4082 Jul 02 j 00:32	6°  II11'44	1°47'41	superior conj	-4081 Jun 15 j 14:17	20°  04'32	1°38'59
minimum elong	-4082 Jul 01 j 23:28	6°  II06'32	1°47'48	minimum elong	-4081 Jun 15 j 12:00	19°  05'00	1°38'56
max. Earth dist.	-4082 Jul 08 j 10:43	18°  II15'46	1.38288 AU	max. Earth dist.	-4081 Jun 20 j 15:43	0°  II02'42	1.36488 AU
evening rise	-4082 Jul 12 j 07:51	25°  II11'06		evening rise	-4081 Jun 20 j 15:09	0°  II	
	-4082 Jul 15 j 02:57	0°  ☿			-4081 Jun 24 j 16:40	7°  II38'08	
desc. node	-4082 Jul 28 j 19:19	21°  ☿39'14		desc. node	-4081 Jul 07 j 20:54	0°  ☿	
	-4082 Aug 03 j 16:01	0°  ♊			-4081 Jul 15 j 16:21	11°  ☿37'09	
evening max el	-4082 Aug 17 j 01:52	16°  ♊14'24	24°46'04	evening max el	-4081 Jul 30 j 12:43	29°  ☿46'01	25°57'02
retrograde	-4082 Aug 28 j 14:23	22°  ♊58'06		retrograde	-4081 Jul 30 j 18:28	0°  ♊	
evening set	-4082 Sep 03 j 05:51	20°  ♊33'26		evening set	-4081 Aug 11 j 22:46	6°  ♊52'37	
min. Earth dist.	-4082 Sep 07 j 19:48	15°  ♊17'59	0.67124 AU		-4081 Aug 18 j 04:57	4°  ♊12'51	
inferior conj	-4082 Sep 08 j 14:36	14°  ♊15'22	-1°13'37	min. Earth dist.	-4081 Aug 22 j 02:28	30°  ♊R☿	
minimum elong	-4082 Sep 08 j 16:19	14°  ♊09'40	1°12'46	inferior conj	-4081 Aug 22 j 10:28	29°  ☿35'02	0.66521 AU
asc. node	-4082 Sep 12 j 06:12	9°  ♊47'58		minimum elong	-4081 Aug 23 j 16:54	27°  ☿58'43	-2°04'59
morning rise	-4082 Sep 14 j 02:47	8°  ♊11'06		morning rise	-4081 Aug 23 j 19:43	27°  ☿49'48	2°03'47
direct	-4082 Sep 17 j 18:17	6°  ♊54'18		morning rise	-4081 Aug 29 j 10:38	22°  ☿04'33	
morning max el	-4082 Sep 25 j 11:22	11°  ♊23'13	20°07'32	asc. node	-4081 Aug 30 j 03:18	21°  ☿41'20	
	-4082 Oct 09 j 10:28	0°  ♋		direct	-4081 Sep 01 j 16:34	21°  ☿03'42	
morning set	-4082 Oct 22 j 03:26	19°  ♋21'41		morning max el	-4081 Sep 08 j 17:21	25°  ☿03'10	19°09'47
desc. node	-4082 Oct 24 j 19:04	23°  ♋28'55			-4081 Sep 12 j 21:29	0°  ♊	
	-4082 Oct 28 j 22:52	0°  ♋		morning set	-4081 Oct 01 j 11:29	28°  ♊08'25	
max. Earth dist.	-4082 Nov 02 j 08:14	6°  ♋58'14	1.43783 AU		-4081 Oct 02 j 15:54	0°  ♋	
				desc. node	-4081 Oct 11 j 16:00	14°  ♋08'50	
superior conj	-4082 Nov 07 j 14:48	15°  ♋29'30	-1°20'31	max. Earth dist.	-4081 Oct 16 j 00:12	20°  ♋59'18	1.44653 AU
minimum elong	-4082 Nov 07 j 07:54	15°  ♋01'22	1°19'52				
	-4082 Nov 16 j 07:48	0°  ♌		superior conj	-4081 Oct 18 j 00:28	24°  ♋10'11	-0°39'34
evening rise	-4082 Nov 20 j 17:10	7°  ♌30'40		minimum elong	-4081 Oct 17 j 19:34	23°  ♋50'44	0°38'55
	-4082 Dec 04 j 08:26	0°  ♌			-4081 Oct 21 j 16:31	0°  ♋	
evening max el	-4082 Dec 08 j 14:38	5°  ♌15'13	18°13'31	evening rise	-4081 Nov 02 j 02:11	18°  ♋26'11	
asc. node	-4082 Dec 09 j 05:03	5°  ♌50'23			-4081 Nov 09 j 03:33	0°  ♌	
retrograde	-4082 Dec 15 j 03:41	8°  ♌46'00		evening max el	-4081 Nov 22 j 02:53	18°  ♌38'23	18°37'01
evening set	-4082 Dec 17 j 23:18	8°  ♌05'06		asc. node	-4081 Nov 26 j 02:09	21°  ♌42'10	
inferior conj	-4082 Dec 24 j 05:20	2°  ♌45'22	3°48'01	retrograde	-4081 Nov 28 j 19:01	22°  ♌21'54	
minimum elong	-4082 Dec 24 j 02:53	2°  ♌51'59	3°47'31	evening set	-4081 Dec 01 j 19:30	21°  ♌30'50	
min. Earth dist.	-4082 Dec 26 j 17:24	0°  ♌04'09	0.63169 AU	inferior conj	-4081 Dec 07 j 17:21	15°  ♌53'03	3°18'41
	-4082 Dec 26 j 19:00	30°  ♌R♌		minimum elong	-4081 Dec 07 j 14:12	16°  ♌02'22	3°17'49
morning rise	-4082 Dec 30 j 05:46	26°  ♌49'02		min. Earth dist.	-4081 Dec 09 j 14:34	13°  ♌39'09	0.64704 AU
direct	-4081 Jan 06 j 07:18	24°  ♌04'15		morning rise	-4081 Dec 13 j 08:32	9°  ♌48'10	
	-4081 Jan 18 j 03:41	0°  ♌		direct	-4081 Dec 20 j 03:43	6°  ♌57'03	
morning max el	-4081 Jan 20 j 01:39	1°  ♌48'06	27°39'53	morning max el	-4080 Jan 02 j 10:58	14°  ♌35'49	27°10'08
desc. node	-4081 Jan 20 j 18:42	2°  ♌30'48		desc. node	-4080 Jan 07 j 15:45	20°  ♌18'07	
	-4081 Feb 09 j 23:24	0°  ♍			-4080 Jan 15 j 02:30	0°  ♌	
morning set	-4081 Feb 23 j 06:24	24°  ♍18'11		morning set	-4080 Feb 02 j 14:44	0°  ♍	
	-4081 Feb 26 j 01:26	0°  ♍		max. Earth dist.	-4080 Feb 06 j 21:57	8°  ♍07'51	
max. Earth dist.	-4081 Feb 28 j 16:12	5°  ♍29'19	1.33169 AU		-4080 Feb 11 j 14:46	17°  ♍30'52	1.34063 AU
superior conj	-4081 Mar 02 j 20:50	10°  ♍10'29	-0°43'36	superior conj	-4080 Feb 15 j 01:24	24°  ♍40'01	-1°07'10
minimum elong	-4081 Mar 02 j 22:45	10°  ♍20'48	0°43'23	minimum elong	-4080 Feb 15 j 04:10	24°  ♍54'33	1°06'52
asc. node	-4081 Mar 07 j 04:20	19°  ♍28'30			-4080 Feb 17 j 13:56	0°  ♍	
evening rise	-4081 Mar 09 j 23:08	25°  ♍24'09		evening rise	-4080 Feb 22 j 09:42	10°  ♍11'40	
	-4081 Mar 12 j 04:20	0°  ♎		asc. node	-4080 Feb 22 j 01:20	9°  ♍27'59	
	-4081 Mar 30 j 19:29	0°  ♎			-4080 Mar 03 j 20:32	0°  ♎	
evening max el	-4081 Apr 02 j 08:20	2°  ♎37'13	23°25'50	evening max el	-4080 Mar 14 j 03:56	13°  ♎26'35	21°52'55
retrograde	-4081 Apr 15 j 21:18	9°  ♎19'39		retrograde	-4080 Mar 26 j 14:14	19°  ♎27'14	
desc. node	-4081 Apr 18 j 17:30	9°  ♎01'49		evening set	-4080 Mar 29 j 07:19	19°  ♎10'50	
evening set	-4081 Apr 19 j 13:38	8°  ♎49'58		desc. node	-4080 Apr 04 j 14:37	16°  ♎46'44	
min. Earth dist.	-4081 Apr 26 j 19:27	5°  ♎31'44	0.55928 AU	inferior conj	-4080 Apr 07 j 15:48	15°  ♎06'21	-0°50'30
inferior conj	-4081 Apr 28 j 17:25	4°  ♎23'27	-2°35'39	minimum elong	-4080 Apr 07 j 13:28	15°  ♎09'38	0°49'44
minimum elong	-4081 Apr 28 j 11:38	4°  ♎32'04	2°34'03	min. Earth dist.	-4080 Apr 07 j 09:20	15°  ♎15'27	0.55206 AU
morning rise	-4081 May 07 j 12:16	0°  ♎24'34		morning rise	-4080 Apr 16 j 20:33	11°  ♎06'35	
direct	-4081 May 10 j 00:14	0°  ♎09'05		direct	-4080 Apr 19 j 14:27	10°  ♎49'47	
morning max el	-4081 May 20 j 11:03	5°  ♎00'48	20°13'30	morning max el	-4080 May 01 j 17:04	16°  ♎33'32	21°36'23
asc. node	-4081 Jun 03 j 04:00	25°  ♎02'01			-4080 May 12 j 02:08	0°  ♎	
	-4081 Jun 05 j 17:23	0°  ♏		asc. node	-4080 May 20 j 01:00	14°  ♎39'04	
				morning set	-4080 May 22 j 04:03	18°  ♎59'36	

	-4080 May 27 j 10:09	0°♄			-4079 May 04 j 17:14	0°♂		
				morning set	-4079 May 06 j 15:21	3°♂58'10		
superior conj	-4080 May 29 j 13:23	4°♄28'00	1°24'29	asc. node	-4079 May 06 j 21:59	4°♂32'52		
minimum elong	-4080 May 29 j 10:41	4°♄13'59	1°24'15					
max. Earth dist.	-4080 Jun 02 j 05:13	11°♄58'47	1.34992 AU	superior conj	-4079 May 13 j 18:45	19°♂11'42	1°05'48	
evening rise	-4080 Jun 06 j 19:07	20°♄59'53		minimum elong	-4079 May 13 j 16:16	18°♂58'28	1°05'27	
	-4080 Jun 11 j 15:26	0°♂		max. Earth dist.	-4079 May 16 j 04:23	24°♂17'02	1.33857 AU	
	-4080 Jun 30 j 17:22	0°♄			-4079 May 18 j 22:31	0°♄		
desc. node	-4080 Jul 01 j 13:23	1°♄06'41		evening rise	-4079 May 21 j 10:18	5°♄01'18		
evening max el	-4080 Jul 11 j 24:00	13°♄13'55	26°51'12		-4079 Jun 04 j 07:51	0°♂		
retrograde	-4080 Jul 25 j 02:04	20°♄33'25		desc. node	-4079 Jun 18 j 10:27	19°♂55'32		
evening set	-4080 Jul 31 j 20:49	17°♄45'34		evening max el	-4079 Jun 24 j 10:53	26°♂27'40	27°21'15	
min. Earth dist.	-4080 Aug 04 j 18:40	13°♄46'17	0.65557 AU		-4079 Jun 28 j 13:38	0°♄		
inferior conj	-4080 Aug 06 j 14:08	11°♄38'19	-2°52'31	retrograde	-4079 Jul 08 j 00:02	3°♄52'11		
minimum elong	-4080 Aug 06 j 17:43	11°♄27'44	2°51'15	evening set	-4079 Jul 15 j 02:33	1°♄07'21		
morning rise	-4080 Aug 12 j 14:59	5°♄57'29			-4079 Jul 16 j 10:46	30°♄♂		
direct	-4080 Aug 15 j 13:35	5°♄09'28		min. Earth dist.	-4079 Jul 18 j 18:25	27°♂43'48	0.64205 AU	
asc. node	-4080 Aug 16 j 00:23	5°♄10'35		inferior conj	-4079 Jul 21 j 03:52	25°♂09'35	-3°33'34	
morning max el	-4080 Aug 22 j 04:44	8°♄48'25	18°27'55	minimum elong	-4079 Jul 21 j 07:36	24°♂59'34	3°32'33	
	-4080 Sep 05 j 20:28	0°♂		morning rise	-4079 Jul 27 j 13:22	19°♂45'11		
morning set	-4080 Sep 10 j 20:34	8°♂09'22		direct	-4079 Jul 30 j 06:50	19°♂07'04		
	-4080 Sep 24 j 10:54	0°♄		asc. node	-4079 Aug 02 j 21:27	20°♂13'25		
				morning max el	-4079 Aug 05 j 19:08	22°♂34'16	18°03'12	
superior conj	-4080 Sep 25 j 23:51	2°♄26'08	0°09'48		-4079 Aug 11 j 14:17	0°♄		
minimum elong	-4080 Sep 26 j 01:07	2°♄31'11	0°09'43	morning set	-4079 Aug 23 j 08:34	19°♄27'20		
behind sun begin	-4080 Sep 25 j 15:58	1°♄54'59			-4079 Aug 29 j 14:09	0°♂		
behind sun end	-4080 Sep 26 j 10:17	3°♄07'22						
desc. node	-4080 Sep 27 j 12:55	4°♄52'31		superior conj	-4079 Sep 05 j 11:47	11°♂22'32	0°54'45	
max. Earth dist.	-4080 Sep 27 j 18:28	5°♄14'24	1.44801 AU	minimum elong	-4079 Sep 05 j 17:17	11°♂44'49	0°54'15	
evening rise	-4080 Oct 12 j 10:16	28°♄17'44		max. Earth dist.	-4079 Sep 10 j 11:23	19°♂23'15	1.44225 AU	
	-4080 Oct 13 j 12:15	0°♄		desc. node	-4079 Sep 14 j 09:51	25°♂37'01		
greatest brilliancy	-4080 Oct 22 j 05:34	13°♄40'35	-0.8m		-4079 Sep 17 j 04:59	0°♄		
	-4080 Nov 02 j 15:40	0°♄		evening rise	-4079 Sep 21 j 20:59	7°♄14'58		
evening max el	-4080 Nov 04 j 12:19	2°♄04'28	19°17'38		-4079 Oct 06 j 21:06	0°♄		
retrograde	-4080 Nov 11 j 14:42	6°♄09'45		evening max el	-4079 Oct 18 j 16:56	15°♄31'06	20°13'41	
asc. node	-4080 Nov 11 j 23:15	6°♄09'01		retrograde	-4079 Oct 26 j 11:57	20°♄05'46		
evening set	-4080 Nov 14 j 21:50	5°♄06'27		asc. node	-4079 Oct 29 j 20:22	19°♄00'37		
	-4080 Nov 19 j 22:55	30°♄♂		evening set	-4079 Oct 30 j 03:56	18°♄47'44		
inferior conj	-4080 Nov 20 j 13:31	29°♄13'40	2°39'26	inferior conj	-4079 Nov 04 j 15:13	12°♄43'26	1°53'29	
minimum elong	-4080 Nov 20 j 10:28	29°♄23'22	2°38'23	minimum elong	-4079 Nov 04 j 12:49	12°♄51'29	1°52'33	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning set	-4078 Apr 21 j 03:35	19° X 00'41		morning set	-4077 Apr 05 j 15:06	4° X 01'15	
asc. node	-4078 Apr 23 j 18:58	24° X 37'59		asc. node	-4077 Apr 10 j 15:58	14° X 49'52	
	-4078 Apr 26 j 06:28	0° Y					
superior conj	-4078 Apr 28 j 04:05	4° Y 07'45	0°44'10	superior conj	-4077 Apr 12 j 15:28	19° X 09'30	0°20'32
minimum elong	-4078 Apr 28 j 02:15	3° Y 57'50	0°43'48	minimum elong	-4077 Apr 12 j 14:34	19° X 04'36	0°20'17
max. Earth dist.	-4078 Apr 29 j 11:42	6° Y 58'54	1.33089 AU	max. Earth dist.	-4077 Apr 13 j 00:01	19° X 56'16	1.32667 AU
evening rise	-4078 May 05 j 10:27	19° Y 30'28		evening rise	-4077 Apr 17 j 15:36	0° Y	
	-4078 May 10 j 18:44	0° Z			-4077 Apr 19 j 16:36	4° Y 17'38	
	-4078 May 29 j 15:05	0° II			-4077 May 03 j 13:14	0° Z	
desc. node	-4078 Jun 05 j 07:32	7° II 46'19		evening max el	-4077 May 19 j 23:36	21° Z 26'56	26°48'40
evening max el	-4078 Jun 06 j 19:33	9° II 15'37	27°21'22	desc. node	-4077 May 23 j 04:40	24° Z 14'50	
retrograde	-4078 Jun 20 j 15:54	16° II 39'29		retrograde	-4077 Jun 03 j 00:15	28° Z 47'12	
evening set	-4078 Jun 27 j 18:29	14° II 11'41		evening set	-4077 Jun 09 j 16:30	26° Z 49'59	
min. Earth dist.	-4078 Jul 01 j 08:33	11° II 15'37	0.62493 AU	min. Earth dist.	-4077 Jun 13 j 13:08	24° Z 07'35	0.60523 AU
inferior conj	-4078 Jul 04 j 07:14	8° II 26'17	-4°04'13	inferior conj	-4077 Jun 16 j 20:49	21° Z 20'29	-4°18'22
minimum elong	-4078 Jul 04 j 10:04	8° II 19'28	4°03'40	minimum elong	-4077 Jun 16 j 21:22	21° Z 19'19	4°18'13
morning rise	-4078 Jul 11 j 02:53	3° II 20'52		morning rise	-4077 Jun 24 j 04:09	16° Z 36'12	
direct	-4078 Jul 13 j 17:12	2° II 50'12		direct	-4077 Jun 26 j 16:57	16° Z 11'14	
morning max el	-4078 Jul 20 j 09:50	6° II 14'34	17°56'33	morning max el	-4077 Jul 03 j 22:04	19° Z 42'38	18°08'58
asc. node	-4078 Jul 20 j 18:32	6° II 36'24		asc. node	-4077 Jul 07 j 15:35	24° Z 04'08	
	-4078 Aug 04 j 18:29	0° S			-4077 Jul 11 j 13:29	0° II	
morning set	-4078 Aug 05 j 18:55	1° S 49'15		morning set	-4077 Jul 19 j 22:11	15° II 01'35	
					-4077 Jul 28 j 00:21	0° S	
superior conj	-4078 Aug 17 j 01:49	21° S 36'24	1°26'43	superior conj	-4077 Jul 29 j 18:47	3° S 11'03	1°44'09
minimum elong	-4078 Aug 17 j 07:00	21° S 58'24	1°26'26	minimum elong	-4077 Jul 29 j 21:24	3° S 22'46	1°44'11
	-4078 Aug 22 j 02:14	0° O		max. Earth dist.	-4077 Aug 06 j 08:04	16° S 18'39	1.41340 AU
max. Earth dist.	-4078 Aug 24 j 00:19	3° O 08'42	1.43017 AU	evening rise	-4077 Aug 11 j 19:02	25° S 19'12	
evening rise	-4078 Sep 01 j 01:10	15° O 56'58			-4077 Aug 14 j 17:15	0° O	
desc. node	-4078 Sep 01 j 06:48	16° O 18'55		desc. node	-4077 Aug 19 j 03:47	6° O 55'16	
	-4078 Sep 10 j 05:39	0° P			-4077 Sep 04 j 02:13	0° P	
evening max el	-4078 Oct 01 j 15:32	28° P 56'41	21°22'33	evening max el	-4077 Sep 14 j 08:16	12° P 22'31	22°40'06
	-4078 Oct 02 j 17:15	0° A		retrograde	-4077 Sep 24 j 03:07	18° P 10'48	
retrograde	-4078 Oct 10 j 08:37	4° A 06'40		evening set	-4077 Sep 28 j 19:27	16° P 16'07	
evening set	-4078 Oct 14 j 11:44	2° A 31'18		asc. node	-4077 Oct 03 j 14:39	10° P 40'53	
asc. node	-4078 Oct 16 j 17:31	0° A 20'50		inferior conj	-4077 Oct 04 j 02:49	9° P 58'55	0°10'25
	-4078 Oct 17 j 00:40	30° R P		minimum elong	-4077 Oct 04 j 02:35	9° P 59'46	0°10'24
inferior conj	-4078 Oct 19 j 20:17	26° P 18'53	1°03'10	transit middle	-4077 Oct 04 j 02:35	9° P 59'46	0°10'24
minimum elong	-4078 Oct 19 j 18:51	26° P 23'47	1°02'37	transit begin	-4077 Oct 04 j 00:30	10° P 06'58	
min. Earth dist.	-4078 Oct 20 j 04:16	25° P 51'24	0.67217 AU	transit end	-4077 Oct 04 j 04:40	9° P 52'35	
morning rise	-4078 Oct 25 j 01:48	20° P 03'24		min. Earth dist.	-4077 Oct 04 j 00:29	10° P 07'01	0.67425 AU
direct	-4078 Oct 30 j 03:30	17° P 53'57		morning rise	-4077 Oct 09 j 09:34	3° P 45'34	
morning max el	-4078 Nov 09 j 14:35	24° P 09'01	23°30'41	direct	-4077 Oct 13 j 20:41	1° P 57'45	
	-4078 Nov 14 j 19:28	0° A		morning max el	-4077 Oct 23 j 03:08	7° P 28'06	22°05'16
desc. node	-4078 Nov 28 j 06:42	18° A 19'34			-4077 Nov 09 j 09:56	0° A	
	-4078 Dec 05 j 23:15	0° M		desc. node	-4077 Nov 15 j 03:39	8° A 32'13	
morning set	-4078 Dec 14 j 16:21	14° M 09'24		morning set	-4077 Nov 24 j 19:20	23° A 35'20	
max. Earth dist.	-4078 Dec 18 j 21:33	21° M 23'45	1.39189 AU		-4077 Nov 28 j 17:54	0° M	
	-4078 Dec 23 j 17:06	0° J		max. Earth dist.	-4077 Nov 30 j 20:31	3° M 30'09	1.41233 AU
superior conj	-4078 Dec 26 j 10:00	4° J 59'29	-1°53'37	superior conj	-4077 Dec 08 j 13:29	16° M 45'58	-1°52'25
minimum elong	-4078 Dec 26 j 11:02	5° J 04'19	1°53'46	minimum elong	-4077 Dec 08 j 11:26	16° M 36'52	1°52'29
evening rise	-4077 Jan 04 j 14:46	22° J 37'03			-4077 Dec 15 j 20:46	0° J	
	-4077 Jan 08 j 11:19	0° Z		evening rise	-4077 Dec 18 j 22:54	5° J 43'51	
asc. node	-4077 Jan 12 j 16:27	7° Z 35'31		asc. node	-4077 Dec 30 j 13:33	25° J 56'59	
evening max el	-4077 Jan 20 j 23:37	18° Z 58'34	18°39'42		-4076 Jan 02 j 14:38	0° Z	
retrograde	-4077 Jan 28 j 20:39	22° Z 47'45		evening max el	-4076 Jan 04 j 07:00	1° Z 49'07	18°14'08
evening set	-4077 Jan 31 j 08:09	22° Z 26'28		retrograde	-4076 Jan 11 j 07:46	5° Z 21'09	
inferior conj	-4077 Feb 07 j 22:44	18° Z 00'56	3°38'48	evening set	-4076 Jan 13 j 22:14	4° Z 53'01	
minimum elong	-4077 Feb 08 j 02:16	17° Z 54'12	3°38'06	inferior conj	-4076 Jan 20 j 21:57	0° Z 05'44	4°01'58
min. Earth dist.	-4077 Feb 11 j 07:07	15° Z 29'00	0.58190 AU	minimum elong	-4076 Jan 20 j 22:39	0° Z 04'10	4°01'47
morning rise	-4077 Feb 15 j 17:59	12° Z 44'52			-4076 Jan 21 j 00:32	30° R J	
direct	-4077 Feb 21 j 14:42	11° Z 19'25		min. Earth dist.	-4076 Jan 24 j 04:42	27° J 12'48	0.60174 AU
desc. node	-4077 Feb 24 j 06:01	11° Z 36'35		morning rise	-4076 Jan 27 j 21:28	24° J 29'33	
morning max el	-4077 Mar 07 j 20:50	18° Z 48'23	26°16'55	direct	-4076 Feb 03 j 14:17	22° J 25'43	
	-4077 Mar 17 j 06:56	0° A		desc. node	-4076 Feb 11 j 03:08	24° J 47'18	
	-4077 Apr 03 j 16:25	0° K			-4076 Feb 17 j 16:47	0° Z	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning max el	-4076 Feb 17 j 18:25	0° Z 03'59	27°16'50	morning rise	-4075 Jan 08 j 21:59	6° Z 50'56	
	-4076 Mar 10 j 04:38	0° \approx		direct	-4075 Jan 15 j 23:11	4° Z 17'10	
morning set	-4076 Mar 20 j 00:02	18° \approx 52'39		desc. node	-4075 Jan 28 j 00:11	10° Z 12'48	
	-4076 Mar 25 j 05:19	0° H		morning max el	-4075 Jan 29 j 22:24	12° Z 00'49	27°42'04
max. Earth dist.	-4076 Mar 26 j 13:32	2° H 55'38	1.32582 AU		-4075 Feb 13 j 05:44	0° Z	
					-4075 Mar 02 j 11:05	0° \approx	
superior conj	-4076 Mar 27 j 03:09	4° H 10'05	-0°04'17	morning set	-4075 Mar 04 j 04:22	3° \approx 27'39	
minimum elong	-4076 Mar 27 j 03:21	4° H 11'09	0°04'20	max. Earth dist.	-4075 Mar 10 j 00:18	15° \approx 42'31	1.32844 AU
behind sun begin	-4076 Mar 26 j 22:30	3° H 44'38					
behind sun end	-4076 Mar 27 j 08:11	4° H 37'39		superior conj	-4075 Mar 11 j 13:31	19° \approx 03'41	-0°29'23
asc. node	-4076 Mar 27 j 12:57	5° H 03'41		minimum elong	-4075 Mar 11 j 14:50	19° \approx 10'49	0°29'13
evening rise	-4076 Apr 03 j 02:23	19° H 13'39		asc. node	-4075 Mar 14 j 09:57	25° \approx 15'30	
	-4076 Apr 08 j 10:28	0° Y			-4075 Mar 16 j 14:37	0° H	
	-4076 Apr 28 j 01:17	0° B		evening rise	-4075 Mar 18 j 13:52	4° H 11'27	
evening max el	-4076 Apr 30 j 21:16	2° B 55'09	25°45'13		-4075 Apr 01 j 13:22	0° Y	
desc. node	-4076 May 09 j 01:49	8° B 47'25		evening max el	-4075 Apr 12 j 13:50	13° Y 49'00	24°19'44
retrograde	-4076 May 14 j 23:16	10° B 09'10		desc. node	-4075 Apr 25 j 22:56	20° Y 47'45	
evening set	-4076 May 20 j 17:11	8° B 50'01		retrograde	-4075 Apr 26 j 11:03	20° Y 48'20	
min. Earth dist.	-4076 May 25 j 09:41	6° B 04'43	0.58495 AU	evening set	-4075 Apr 30 j 21:40	20° Y 04'02	
inferior conj	-4076 May 28 j 16:51	3° B 41'10	-4°07'17	min. Earth dist.	-4075 May 07 j 01:37	17° Y 01'01	0.56710 AU
minimum elong	-4076 May 28 j 13:59	3° B 46'26	4°06'55	inferior conj	-4075 May 09 j 16:52	15° Y 20'57	-3°20'52
	-4076 Jun 03 j 14:56	30° R Y		minimum elong	-4075 May 09 j 11:12	15° Y 29'59	3°19'35
morning rise	-4076 Jun 05 j 13:29	29° Y 18'33		morning rise	-4075 May 18 j 03:53	11° Y 16'22	
direct	-4076 Jun 08 j 01:30	28° Y 58'15		direct	-4075 May 20 j 15:14	10° Y 59'49	
	-4076 Jun 12 j 06:52	0° B		morning max el	-4075 May 30 j 03:36	15° Y 24'50	19°34'05
morning max el	-4076 Jun 16 j 04:54	2° B 49'02	18°41'19		-4075 Jun 09 j 16:30	0° B	
asc. node	-4076 Jun 23 j 12:36	12° B 21'17		asc. node	-4075 Jun 10 j 09:36	1° B 16'27	
morning set	-4076 Jul 02 j 13:39	28° B 51'10		morning set	-4075 Jun 16 j 13:48	13° B 09'00	
	-4076 Jul 03 j 03:50	0° II					
superior conj	-4076 Jul 11 j 09:27	15° II 51'38	1°49'13	superior conj	-4075 Jun 24 j 16:10	29° B 22'17	1°44'49
minimum elong	-4076 Jul 11 j 09:30	15° II 51'51	1°49'23	minimum elong	-4075 Jun 24 j 14:28	29° B 13'55	1°44'53
max. Earth dist.	-4076 Jul 18 j 11:07	28° II 45'36	1.39411 AU		-4075 Jun 24 j 23:51	0° II	
	-4076 Jul 19 j 04:02	0° E		max. Earth dist.	-4075 Jun 30 j 13:13	10° II 38'26	1.37495 AU
evening rise	-4076 Jul 22 j 13:49	5° E 52'47		evening rise	-4075 Jul 04 j 10:01	17° II 41'31	
desc. node	-4076 Aug 05 j 00:48	27° E 21'16			-4075 Jul 11 j 14:09	0° E	
	-4076 Aug 06 j 19:30	0° O		desc. node	-4075 Jul 22 j 21:50	17° E 31'25	
evening max el	-4076 Aug 26 j 20:40	25° O 49'44	24°00'51		-4075 Aug 01 j 02:14	0° O	
	-4076 Aug 31 j 17:58	0° P		evening max el	-4075 Aug 09 j 07:15	9° O 19'27	25°17'42
retrograde	-4076 Sep 06 j 18:23	2° P 14'57		retrograde	-4075 Aug 21 j 05:36	16° O 14'41	
evening set	-4076 Sep 12 j 01:20	0° P 00'31		evening set	-4075 Aug 27 j 03:31	13° O 42'38	
	-4076 Sep 12 j 01:35	30° R O		min. Earth dist.	-4075 Aug 31 j 13:41	8° O 43'07	0.66910 AU
inferior conj	-4076 Sep 17 j 09:06	23° O 41'48	-0°43'05	inferior conj	-4075 Sep 01 j 13:23	7° O 25'42	-1°35'45
minimum elong	-4076 Sep 17 j 10:07	23° O 38'24	0°42'33	minimum elong	-4075 Sep 01 j 15:36	7° O 18'29	1°34'44
min. Earth dist.	-4076 Sep 16 j 20:24	24° O 24'55	0.67327 AU	asc. node	-4075 Sep 06 j 08:51	2° O 00'32	
asc. node	-4076 Sep 19 j 11:45	20° O 55'05		morning rise	-4075 Sep 07 j 03:45	1° O 25'32	
morning rise	-4076 Sep 22 j 18:51	17° O 33'34		direct	-4075 Sep 10 j 14:48	0° O 16'08	
direct	-4076 Sep 26 j 16:54	16° O 06'18		morning max el	-4075 Sep 18 j 00:18	4° O 31'33	19°41'06
morning max el	-4076 Oct 04 j 22:05	20° O 55'27	20°47'11		-4075 Oct 06 j 06:42	0° P	
	-4076 Oct 12 j 09:20	0° P		morning set	-4075 Oct 12 j 22:39	10° P 18'16	
desc. node	-4076 Nov 01 j 00:37	28° P 59'06		desc. node	-4075 Oct 18 j 21:32	19° P 35'18	
	-4076 Nov 01 j 16:21	0° O		max. Earth dist.	-4075 Oct 25 j 15:37	0° O 13'56	1.44231 AU
morning set	-4076 Nov 02 j 22:59	1° O 58'58			-4075 Oct 25 j 12:07	0° O	
max. Earth dist.	-4076 Nov 12 j 02:54	16° O 31'22	1.42991 AU	superior conj	-4075 Oct 29 j 15:39	6° O 37'27	-1°04'50
				minimum elong	-4075 Oct 29 j 08:52	6° O 10'13	1°04'04
superior conj	-4076 Nov 18 j 16:21	27° O 20'21	-1°36'59	evening rise	-4075 Nov 12 j 14:38	29° O 37'28	
minimum elong	-4076 Nov 18 j 10:40	26° O 56'28	1°36'36		-4075 Nov 12 j 19:58	0° P	
	-4076 Nov 20 j 06:14	0° P		evening max el	-4075 Dec 01 j 07:05	28° P 16'09	18°21'20
evening rise	-4076 Nov 30 j 16:25	18° P 07'20		asc. node	-4075 Dec 03 j 07:44	0° Z 04'42	
	-4076 Dec 07 j 10:34	0° Z			-4075 Dec 03 j 05:16	0° Z	
asc. node	-4076 Dec 16 j 10:38	13° Z 31'24		retrograde	-4075 Dec 07 j 20:44	1° Z 51'34	
evening max el	-4076 Dec 17 j 18:25	14° Z 57'22	18°08'16	evening set	-4075 Dec 10 j 18:05	1° Z 06'44	
retrograde	-4076 Dec 24 j 09:19	18° Z 25'43			-4075 Dec 12 j 11:26	30° R P	
evening set	-4076 Dec 27 j 02:45	17° Z 49'53		inferior conj	-4075 Dec 16 j 20:22	25° P 39'02	3°37'04
inferior conj	-4075 Jan 02 j 14:28	12° Z 41'22	3°58'42	minimum elong	-4075 Dec 16 j 17:31	25° P 47'05	3°36'23
minimum elong	-4075 Jan 02 j 12:52	12° Z 45'24	3°58'24	min. Earth dist.	-4075 Dec 19 j 02:09	23° P 07'56	0.63856 AU
min. Earth dist.	-4075 Jan 05 j 10:29	9° Z 50'23	0.62129 AU	morning rise	-4075 Dec 22 j 16:22	19° P 38'27	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

direct	-4075 Dec 29 j 15:57	16° \mathbb{M} 49'03		min. Earth dist.	-4074 Dec 02 j 03:28	6° \mathbb{M} 52'22	0.65252 AU
morning max el	-4074 Jan 12 j 06:32	24° \mathbb{M} 32'45	27°31'10	morning rise	-4074 Dec 06 j 00:32	2° \mathbb{M} 44'47	
desc. node	-4074 Jan 14 j 21:14	27° \mathbb{M} 16'32			-4074 Dec 11 j 10:09	30° \mathbb{R} $\underline{\mathbb{A}}$	
	-4074 Jan 17 j 06:27	0° \mathbb{X}		direct	-4074 Dec 12 j 15:18	29° $\underline{\mathbb{A}}$ 54'37	
	-4074 Feb 06 j 14:15	0° \mathbb{Z}			-4074 Dec 13 j 21:08	0° \mathbb{M}	
morning set	-4074 Feb 16 j 01:28	17° \mathbb{Z} 36'23		morning max el	-4074 Dec 25 j 16:05	7° \mathbb{M} 28'48	26°48'26
max. Earth dist.	-4074 Feb 21 j 04:08	28° \mathbb{Z} 01'49	1.33490 AU	desc. node	-4073 Jan 01 j 18:17	15° \mathbb{M} 30'18	
	-4074 Feb 22 j 02:38	0° \approx			-4073 Jan 12 j 05:46	0° \mathbb{X}	
					-4073 Jan 29 j 21:38	0° \mathbb{Z}	
superior conj	-4074 Feb 23 j 20:45	3° \approx 43'18	-0°53'51	morning set	-4073 Jan 30 j 11:59	1° \mathbb{Z} 08'16	
minimum elong	-4074 Feb 23 j 23:04	3° \approx 55'39	0°53'33	max. Earth dist.	-4073 Feb 03 j 21:37	9° \mathbb{Z} 45'48	1.34574 AU
asc. node	-4074 Mar 01 j 06:58	15° \approx 20'19					
evening rise	-4074 Mar 03 j 01:12	19° \approx 03'38		superior conj	-4073 Feb 07 j 22:47	18° \mathbb{Z} 02'30	-1°16'28
	-4074 Mar 08 j 11:25	0° \mathbb{X}		minimum elong	-4073 Feb 08 j 01:47	18° \mathbb{Z} 18'04	1°16'11
evening max el	-4074 Mar 25 j 06:27	24° \mathbb{X} 31'32	22°45'39		-4073 Feb 13 j 15:38	0° \approx	
	-4074 Apr 02 j 08:28	0° \mathbb{Y}		evening rise	-4073 Feb 15 j 10:42	3° \approx 44'34	
retrograde	-4074 Apr 07 j 10:23	0° \mathbb{Y} 58'48		asc. node	-4073 Feb 16 j 03:59	5° \approx 13'46	
evening set	-4074 Apr 10 j 14:56	0° \mathbb{Y} 36'30			-4073 Mar 02 j 09:00	0° \mathbb{X}	
desc. node	-4074 Apr 12 j 20:03	29° \mathbb{X} 56'42		evening max el	-4073 Mar 07 j 05:22	5° \mathbb{X} 29'49	21°16'11
	-4074 Apr 12 j 16:24	30° \mathbb{R} \mathbb{X}		retrograde	-4073 Mar 19 j 00:25	11° \mathbb{X} 08'29	
min. Earth dist.	-4074 Apr 18 j 16:05	27° \mathbb{X} 04'10	0.55510 AU	evening set	-4073 Mar 21 j 11:46	10° \mathbb{X} 54'28	
inferior conj	-4074 Apr 19 j 22:25	26° \mathbb{X} 20'29	-1°54'27	inferior conj	-4073 Mar 30 j 18:02	6° \mathbb{X} 55'16	-0°00'35
minimum elong	-4074 Apr 19 j 17:36	26° \mathbb{X} 27'28	1°52'56	minimum elong	-4073 Mar 30 j 18:00	6° \mathbb{X} 55'19	0°00'39
morning rise	-4074 Apr 28 j 22:21	22° \mathbb{X} 23'17		transit middle	-4073 Mar 30 j 18:00	6° \mathbb{X} 55'19	0°00'39
direct	-4074 May 01 j 11:30	22° \mathbb{X} 08'03		transit begin	-4073 Mar 30 j 13:54	7° \mathbb{X} 01'06	
morning max el	-4074 May 12 j 15:58	27° \mathbb{X} 21'39	20°46'42	transit end	-4073 Mar 30 j 22:06	6° \mathbb{X} 49'31	
	-4074 May 15 j 05:18	0° \mathbb{Y}		desc. node	-4073 Mar 30 j 17:11	6° \mathbb{X} 56'27	
asc. node	-4074 May 28 j 06:36	20° \mathbb{Y} 40'16		min. Earth dist.	-4073 Mar 31 j 06:13	6° \mathbb{X} 38'03	0.55171 AU
morning set	-4074 May 31 j 19:59	27° \mathbb{Y} 47'55		morning rise	-4073 Apr 08 j 23:59	2° \mathbb{X} 48'58	
	-4074 Jun 01 j 21:41	0° \mathbb{Z}		direct	-4073 Apr 11 j 23:47	2° \mathbb{X} 29'21	
				morning max el	-4073 Apr 24 j 17:26	8° \mathbb{X} 36'17	22°16'08
superior conj	-4074 Jun 08 j 10:20	13° \mathbb{Z} 29'35	1°33'27		-4073 May 09 j 20:04	0° \mathbb{Y}	
minimum elong	-4074 Jun 08 j 07:47	13° \mathbb{Z} 16'33	1°33'19	asc. node	-4073 May 15 j 03:36	10° \mathbb{Y} 24'50	
max. Earth dist.	-4074 Jun 12 j 20:58	22° \mathbb{Z} 24'41	1.35808 AU	morning set	-4073 May 16 j 05:57	12° \mathbb{Y} 40'59	
	-4074 Jun 16 j 19:45	0° \mathbb{I}					
evening rise	-4074 Jun 17 j 02:59	0° \mathbb{I} 33'54		superior conj	-4073 May 23 j 12:23	28° \mathbb{Y} 02'16	1°17'00
	-4074 Jul 04 j 16:25	0° \mathbb{E}		minimum elong	-4073 May 23 j 09:43	27° \mathbb{Y} 48'14	1°16'42
desc. node	-4074 Jul 09 j 18:51	7° \mathbb{E} 18'37			-4073 May 24 j 10:48	0° \mathbb{Z}	
evening max el	-4074 Jul 22 j 18:11	22° \mathbb{E} 50'22	26°22'34	max. Earth dist.	-4073 May 26 j 14:38	4° \mathbb{Z} 29'07	1.34463 AU
	-4074 Aug 03 j 09:02	0° \mathbb{Q}		evening rise	-4073 May 31 j 11:24	14° \mathbb{Z} 14'11	
retrograde	-4074 Aug 04 j 12:05	0° \mathbb{Q} 04'26			-4073 Jun 09 j 01:17	0° \mathbb{I}	
	-4074 Aug 05 j 14:32	30° \mathbb{R} \mathbb{E}		desc. node	-4073 Jun 26 j 15:54	26° \mathbb{I} 32'39	
evening set	-4074 Aug 10 j 23:53	27° \mathbb{E} 20'08			-4073 Jun 29 j 11:13	0° \mathbb{E}	
min. Earth dist.	-4074 Aug 15 j 01:59	22° \mathbb{E} 58'36	0.66152 AU	evening max el	-4073 Jul 05 j 05:43	6° \mathbb{E} 14'30	27°07'26
inferior conj	-4074 Aug 16 j 13:48	21° \mathbb{E} 08'17	-2°25'46	retrograde	-4073 Jul 18 j 13:12	13° \mathbb{E} 36'41	
minimum elong	-4074 Aug 16 j 17:01	20° \mathbb{E} 58'25	2°24'31	evening set	-4073 Jul 25 j 11:50	10° \mathbb{E} 48'56	
morning rise	-4074 Aug 22 j 10:23	15° \mathbb{E} 19'17		min. Earth dist.	-4073 Jul 29 j 06:58	7° \mathbb{E} 05'08	0.65028 AU
asc. node	-4074 Aug 24 j 05:56	14° \mathbb{E} 33'51		inferior conj	-4073 Jul 31 j 08:12	4° \mathbb{E} 45'19	-3°10'57
direct	-4074 Aug 25 j 12:48	14° \mathbb{E} 24'25		minimum elong	-4073 Jul 31 j 11:57	4° \mathbb{E} 34'40	3°09'44
morning max el	-4074 Sep 01 j 08:51	18° \mathbb{E} 14'30	18°49'53		-4073 Aug 05 j 04:25	30° \mathbb{R} \mathbb{I}	
	-4074 Sep 10 j 06:04	0° \mathbb{Q}		morning rise	-4073 Aug 06 j 12:31	29° \mathbb{I} 10'47	
morning set	-4074 Sep 22 j 16:22	19° \mathbb{Q} 34'08		direct	-4073 Aug 09 j 08:41	28° \mathbb{I} 27'14	
	-4074 Sep 29 j 06:03	0° \mathbb{P}		asc. node	-4073 Aug 11 j 03:01	28° \mathbb{I} 43'56	
desc. node	-4074 Oct 05 j 18:28	10° \mathbb{P} 17'19			-4073 Aug 13 j 14:05	0° \mathbb{E}	
				morning max el	-4073 Aug 15 j 21:46	2° \mathbb{E} 00'17	18°15'10
superior conj	-4074 Oct 08 j 18:25	15° \mathbb{P} 00'44	-0°18'56		-4073 Sep 03 j 11:06	0° \mathbb{Q}	
minimum elong	-4074 Oct 08 j 15:56	14° \mathbb{P} 50'57	0°18'34	morning set	-4073 Sep 03 j 13:18	0° \mathbb{Q} 09'10	
max. Earth dist.	-4074 Oct 08 j 08:27	14° \mathbb{P} 21'28	1.44803 AU				
	-4074 Oct 18 j 05:45	0° $\underline{\mathbb{A}}$		superior conj	-4073 Sep 17 j 20:32	23° \mathbb{Q} 26'26	0°30'05
evening rise	-4074 Oct 24 j 13:10	10° $\underline{\mathbb{A}}$ 05'44		minimum elong	-4073 Sep 18 j 00:10	23° \mathbb{Q} 40'53	0°29'44
	-4074 Nov 06 j 01:00	0° \mathbb{M}		max. Earth dist.	-4073 Sep 21 j 02:34	28° \mathbb{Q} 36'10	1.44649 AU
evening max el	-4074 Nov 14 j 18:27	11° \mathbb{M} 41'02	18°52'19		-4073 Sep 21 j 23:48	0° \mathbb{P}	
asc. node	-4074 Nov 20 j 04:49	15° \mathbb{M} 21'57		desc. node	-4073 Sep 22 j 15:23	1° \mathbb{P} 01'30	
retrograde	-4074 Nov 21 j 14:11	15° \mathbb{M} 32'45		evening rise	-4073 Oct 04 j 11:04	19° \mathbb{P} 31'06	
evening set	-4074 Nov 24 j 17:11	14° \mathbb{M} 36'53			-4073 Oct 11 j 05:08	0° $\underline{\mathbb{A}}$	
inferior conj	-4074 Nov 30 j 12:13	8° \mathbb{M} 52'38	3°03'00	greatest brilliancy	-4073 Oct 16 j 11:19	8° $\underline{\mathbb{A}}$ 03'28	-0.7m
minimum elong	-4074 Nov 30 j 09:02	9° \mathbb{M} 02'22	3°02'02	evening max el	-4073 Oct 29 j 02:09	25° $\underline{\mathbb{A}}$ 07'53	19°39'47

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

retrograde	-4073 Nov 05 j 10:43	29° Ω 24'18		asc. node	-4072 Oct 23 j 23:04	11° Ω 19'41	
asc. node	-4073 Nov 07 j 01:55	29° Ω 08'50		inferior conj	-4072 Oct 28 j 14:25	5° Ω 49'11	1°32'31
evening set	-4073 Nov 08 j 21:25	28° Ω 14'59		minimum elong	-4072 Oct 28 j 12:24	5° Ω 56'02	1°31'43
inferior conj	-4073 Nov 14 j 11:02	22° Ω 17'05	2°20'34	min. Earth dist.	-4072 Oct 29 j 04:32	5° Ω 01'15	0.66970 AU
minimum elong	-4073 Nov 14 j 08:13	22° Ω 26'17	2°19'32		-4072 Nov 02 j 08:49	30° \mathbb{R} \mathbb{M}	
min. Earth dist.	-4073 Nov 15 j 12:57	20° Ω 52'32	0.66283 AU	morning rise	-4072 Nov 02 j 20:09	29° \mathbb{M} 34'01	
morning rise	-4073 Nov 19 j 18:48	16° Ω 04'24		direct	-4072 Nov 08 j 06:32	27° \mathbb{M} 12'54	
direct	-4073 Nov 25 j 20:21	13° Ω 25'11			-4072 Nov 15 j 01:22	0° Ω	
morning max el	-4073 Dec 08 j 01:15	20° Ω 37'37	25°41'45	morning max el	-4072 Nov 19 j 09:59	3° Ω 51'27	24°20'20
	-4073 Dec 16 j 04:21	0° \mathbb{M}		desc. node	-4072 Dec 05 j 12:15	24° Ω 10'37	
desc. node	-4073 Dec 19 j 15:17	4° \mathbb{M} 33'16			-4072 Dec 09 j 11:37	0° \mathbb{M}	
	-4072 Jan 05 j 09:35	0° \mathbb{X}		morning set	-4072 Dec 25 j 05:56	25° \mathbb{M} 25'19	
morning set	-4072 Jan 13 j 07:25	13° \mathbb{X} 50'09			-4072 Dec 27 j 20:23	0° \mathbb{X}	
max. Earth dist.	-4072 Jan 17 j 03:36	21° \mathbb{X} 00'27	1.36105 AU	max. Earth dist.	-4072 Dec 29 j 01:20	2° \mathbb{X} 09'46	1.38005 AU
	-4072 Jan 21 j 18:18	0° \mathbb{Z}					
				superior conj	-4071 Jan 04 j 23:58	15° \mathbb{X} 05'56	-1°49'21
superior conj	-4072 Jan 22 j 17:03	1° \mathbb{Z} 53'40	-1°35'40	minimum elong	-4071 Jan 05 j 02:08	15° \mathbb{X} 16'20	1°49'25
minimum elong	-4072 Jan 22 j 20:07	2° \mathbb{Z} 09'05	1°35'32		-4071 Jan 12 j 14:12	0° \mathbb{Z}	
evening rise	-4072 Jan 30 j 16:27	18° \mathbb{Z} 08'36		evening rise	-4071 Jan 13 j 16:08	2° \mathbb{Z} 08'13	
asc. node	-4072 Feb 03 j 01:00	24° \mathbb{Z} 51'01		asc. node	-4071 Jan 19 j 22:04	14° \mathbb{Z} 05'11	
	-4072 Feb 05 j 18:01	0° \approx		evening max el	-4071 Jan 30 j 09:27	29° \mathbb{Z} 06'32	19°03'26
evening max el	-4072 Feb 17 j 14:17	17° \approx 00'44	20°00'34		-4071 Jan 31 j 09:08	0° \approx	
retrograde	-4072 Feb 27 j 16:48	21° \approx 48'20		retrograde	-4071 Feb 07 j 23:25	3° \approx 13'11	
evening set	-4072 Mar 01 j 00:18	21° \approx 34'24		evening set	-4071 Feb 10 j 08:57	2° \approx 55'18	
inferior conj	-4072 Mar 09 j 17:41	17° \approx 33'57	1°49'52		-4071 Feb 16 j 10:38	30° \mathbb{R} \mathbb{Z}	
minimum elong	-4072 Mar 09 j 21:59	17° \approx 27'23	1°48'24	inferior conj	-4071 Feb 18 j 09:08	28° \mathbb{Z} 40'38	3°09'59
min. Earth dist.	-4072 Mar 11 j 20:20	16° \approx 17'01	0.55768 AU	minimum elong	-4071 Feb 18 j 13:52	28° \mathbb{Z} 32'21	3°08'48
desc. node	-4072 Mar 16 j 14:21	13° \approx 48'10		min. Earth dist.	-4071 Feb 21 j 11:34	26° \mathbb{Z} 31'25	0.57148 AU
morning rise	-4072 Mar 18 j 17:36	13° \approx 03'03		morning rise	-4071 Feb 26 j 16:10	23° \mathbb{Z} 39'25	
direct	-4072 Mar 22 j 16:18	12° \approx 28'43		desc. node	-4071 Mar 03 j 11:30	22° \mathbb{Z} 36'28	
morning max el	-4072 Apr 05 j 10:47	19° \approx 19'41	23°54'50	direct	-4071 Mar 03 j 20:32	22° \mathbb{Z} 36'07	
	-4072 Apr 14 j 08:09	0° \mathbb{H}		morning max el	-4071 Mar 18 j 01:47	29° \mathbb{Z} 55'27	25°29'58
morning set	-4072 Apr 29 j 17:55	27° \mathbb{H} 42'20			-4071 Mar 18 j 03:40	0° \approx	
	-4072 Apr 30 j 20:02	0° \mathbb{Y}			-4071 Apr 07 j 21:05	0° \mathbb{H}	
asc. node	-4072 May 01 j 00:36	0° \mathbb{Y} 24'17		morning set	-4071 Apr 14 j 06:03	12° \mathbb{H} 44'41	
				asc. node	-4071 Apr 17 j 21:36	20° \mathbb{H} 32'37	
superior conj	-4072 May 06 j 19:43	12° \mathbb{Y} 52'12	0°56'57				
minimum elong	-4072 May 06 j 17:28	12° \mathbb{Y} 40'06	0°56'34	superior conj	-4071 Apr 21 j 06:08	27° \mathbb{H} 51'01	0°34'20
max. Earth dist.	-4072 May 08 j 17:56	16° \mathbb{Y} 59'38	1.33488 AU	minimum elong	-4071 Apr 21 j 04:40	27° \mathbb{H} 43'04	0°34'01
evening rise	-4072 May 14 j 06:51	28° \mathbb{Y} 29'05		max. Earth dist.	-4071 Apr 22 j 03:54	29° \mathbb{H} 49'33	1.32866 AU
	-4072 May 15 j 01:02	0° \mathbb{B}			-4071 Apr 22 j 05:50	0° \mathbb{Y}	
	-4072 Jun 01 j 05:31	0° \mathbb{I}		evening rise	-4071 Apr 28 j 09:51	13° \mathbb{Y} 06'24	
desc. node	-4072 Jun 12 j 12:59	14° \mathbb{I} 59'28			-4071 May 07 j 04:19	0° \mathbb{B}	
evening max el	-4072 Jun 16 j 16:10	19° \mathbb{I} 19'39	27°25'14		-4071 May 28 j 02:11	0° \mathbb{I}	
retrograde	-4072 Jun 30 j 08:25	26° \mathbb{I} 43'24		evening max el	-4071 May 29 j 22:59	1° \mathbb{I} 52'04	27°11'23
evening set	-4072 Jul 07 j 12:12	24° \mathbb{I} 04'12		desc. node	-4071 May 30 j 10:07	2° \mathbb{I} 18'23	
min. Earth dist.	-4072 Jul 11 j 02:42	20° \mathbb{I} 53'41	0.63526 AU	retrograde	-4071 Jun 12 j 21:09	9° \mathbb{I} 14'43	
inferior conj	-4072 Jul 13 j 17:58	18° \mathbb{I} 11'37	-3°48'09	evening set	-4071 Jun 19 j 21:01	6° \mathbb{I} 58'07	
minimum elong	-4072 Jul 13 j 21:28	18° \mathbb{I} 02'37	3°47'18	min. Earth dist.	-4071 Jun 23 j 12:24	4° \mathbb{I} 10'12	0.61681 AU
morning rise	-4072 Jul 20 j 07:35	12° \mathbb{I} 54'49		inferior conj	-4071 Jun 26 j 15:52	1° \mathbb{I} 19'12	-4°12'41
direct	-4072 Jul 22 j 23:36	12° \mathbb{I} 19'58		minimum elong	-4071 Jun 26 j 17:55	1° \mathbb{I} 14'32	4°12'21
asc. node	-4072 Jul 28 j 00:06	14° \mathbb{I} 22'49			-4071 Jun 28 j 03:19	30° \mathbb{R} \mathbb{B}	
morning max el	-4072 Jul 29 j 12:37	15° \mathbb{I} 44'30	17°58'04	morning rise	-4071 Jul 03 j 16:19	26° \mathbb{B} 22'53	
	-4072 Aug 08 j 13:23	0° \mathbb{E}		direct	-4071 Jul 06 j 05:55	25° \mathbb{B} 54'46	
morning set	-4072 Aug 15 j 11:33	11° \mathbb{E} 56'37		morning max el	-4071 Jul 13 j 02:39	29° \mathbb{B} 20'26	17°59'32
	-4072 Aug 26 j 01:01	0° Ω			-4071 Jul 13 j 18:18	0° \mathbb{I}	
				asc. node	-4071 Jul 14 j 21:10	1° \mathbb{I} 14'52	
superior conj	-4072 Aug 27 j 18:48	2° Ω 53'24	1°10'08	morning set	-4071 Jul 29 j 05:43	24° \mathbb{I} 41'23	
minimum elong	-4072 Aug 28 j 00:37	3° Ω 17'27	1°09'40		-4071 Aug 01 j 03:42	0° \mathbb{E}	
max. Earth dist.	-4072 Sep 02 j 18:40	12° Ω 39'11	1.43793 AU				
desc. node	-4072 Sep 08 j 12:19	21° Ω 45'08		superior conj	-4071 Aug 08 j 20:47	13° \mathbb{E} 43'11	1°35'48
evening rise	-4072 Sep 12 j 16:41	28° Ω 15'58		minimum elong	-4071 Aug 09 j 00:59	14° \mathbb{E} 01'25	1°35'40
	-4072 Sep 13 j 19:39	0° \mathbb{M}		max. Earth dist.	-4071 Aug 16 j 05:42	26° \mathbb{E} 11'44	1.42349 AU
	-4072 Oct 04 j 03:19	0° Ω			-4071 Aug 18 j 13:28	0° Ω	
evening max el	-4072 Oct 11 j 04:19	8° Ω 34'03	20°41'35	evening rise	-4071 Aug 23 j 00:31	7° Ω 08'56	
retrograde	-4072 Oct 19 j 07:56	13° Ω 22'49		desc. node	-4071 Aug 26 j 09:17	12° Ω 25'07	
evening set	-4072 Oct 23 j 04:30	11° Ω 57'27			-4071 Sep 07 j 02:12	0° \mathbb{M}	




























































































































Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-4071 Sep 24 j 00:13	21° \mathbb{M} 59'24	21°54'39	evening max el	-4070 Sep 06 j 14:42	5° \mathbb{M} 24'59	23°14'28
retrograde	-4071 Oct 03 j 04:00	27° \mathbb{M} 25'55		retrograde	-4070 Sep 16 j 21:21	11° \mathbb{M} 30'13	
evening set	-4071 Oct 07 j 12:31	25° \mathbb{M} 42'22		evening set	-4070 Sep 21 j 19:40	9° \mathbb{M} 27'13	
asc. node	-4071 Oct 10 j 20:11	22° \mathbb{M} 09'35		inferior conj	-4070 Sep 27 j 02:59	3° \mathbb{M} 08'47	-0°12'15
inferior conj	-4071 Oct 12 j 20:21	19° \mathbb{M} 27'12	0°41'00	minimum elong	-4070 Sep 27 j 03:16	3° \mathbb{M} 07'49	0°12'02
minimum elong	-4071 Oct 12 j 19:24	19° \mathbb{M} 30'27	0°40'39	transit middle	-4070 Sep 27 j 03:16	3° \mathbb{M} 07'49	0°12'02
min. Earth dist.	-4071 Oct 12 j 23:49	19° \mathbb{M} 15'12	0.67341 AU	transit begin	-4070 Sep 27 j 01:26	3° \mathbb{M} 14'07	
morning rise	-4071 Oct 18 j 02:10	13° \mathbb{M} 12'14		transit end	-4070 Sep 27 j 05:06	3° \mathbb{M} 01'32	
direct	-4071 Oct 22 j 21:24	11° \mathbb{M} 12'14		min. Earth dist.	-4070 Sep 26 j 20:18	3° \mathbb{M} 31'47	0.67415 AU
morning max el	-4071 Nov 01 j 20:23	17° \mathbb{M} 08'42	22°53'53	asc. node	-4070 Sep 27 j 17:18	2° \mathbb{M} 19'42	
	-4071 Nov 12 j 10:19	0° \mathbb{L}			-4070 Sep 29 j 11:51	30° \mathbb{R} \mathbb{L}	
desc. node	-4071 Nov 22 j 09:12	14° \mathbb{L} 12'39		morning rise	-4070 Oct 02 j 10:46	26° \mathbb{L} 56'58	
	-4071 Dec 02 j 14:04	0° \mathbb{M}		direct	-4070 Oct 06 j 16:02	25° \mathbb{L} 18'08	
morning set	-4071 Dec 06 j 01:42	5° \mathbb{M} 40'09			-4070 Oct 14 j 23:02	0° \mathbb{M}	
max. Earth dist.	-4071 Dec 10 j 21:40	13° \mathbb{M} 47'27	1.40073 AU	morning max el	-4070 Oct 15 j 11:21	0° \mathbb{M} 30'50	21°30'47
					-4070 Nov 06 j 06:32	0° \mathbb{L}	
superior conj	-4071 Dec 18 j 15:04	27° \mathbb{M} 27'46	-1°54'37	desc. node	-4070 Nov 09 j 06:07	4° \mathbb{L} 31'44	
minimum elong	-4071 Dec 18 j 14:57	27° \mathbb{M} 27'15	1°54'46	morning set	-4070 Nov 15 j 17:14	14° \mathbb{L} 34'36	
	-4071 Dec 20 j 00:15	0° \mathbb{X}		max. Earth dist.	-4070 Nov 22 j 22:58	26° \mathbb{L} 15'05	1.42031 AU
evening rise	-4071 Dec 28 j 06:57	15° \mathbb{X} 36'44			-4070 Nov 25 j 05:11	0° \mathbb{M}	
	-4070 Jan 05 j 02:34	0° \mathbb{Z}					
asc. node	-4070 Jan 06 j 19:09	2° \mathbb{Z} 48'42		superior conj	-4070 Nov 30 j 08:43	8° \mathbb{M} 44'53	-1°47'50
evening max el	-4070 Jan 13 j 13:10	11° \mathbb{Z} 43'10	18°26'20	minimum elong	-4070 Nov 30 j 05:03	8° \mathbb{M} 29'06	1°47'44
retrograde	-4070 Jan 21 j 00:27	15° \mathbb{Z} 23'34		evening rise	-4070 Dec 11 j 09:21	28° \mathbb{M} 25'46	
evening set	-4070 Jan 23 j 13:05	14° \mathbb{Z} 59'39			-4070 Dec 12 j 06:02	0° \mathbb{X}	
inferior conj	-4070 Jan 30 j 21:01	10° \mathbb{Z} 25'04	3°52'26	asc. node	-4070 Dec 24 j 16:13	20° \mathbb{X} 51'29	
minimum elong	-4070 Jan 30 j 23:22	10° \mathbb{Z} 20'17	3°52'02	evening max el	-4070 Dec 27 j 22:37	24° \mathbb{X} 42'07	18°09'16
min. Earth dist.	-4070 Feb 03 j 06:15	7° \mathbb{Z} 41'01	0.59016 AU	retrograde	-4069 Jan 03 j 18:01	28° \mathbb{X} 10'53	
morning rise	-4070 Feb 07 j 07:30	4° \mathbb{Z} 59'09		evening set	-4069 Jan 06 j 09:41	27° \mathbb{X} 39'39	
direct	-4070 Feb 13 j 13:58	3° \mathbb{Z} 16'55		inferior conj	-4069 Jan 13 j 04:00	22° \mathbb{X} 43'31	4°03'16
desc. node	-4070 Feb 18 j 08:37	4° \mathbb{Z} 13'49		minimum elong	-4069 Jan 13 j 03:37	22° \mathbb{X} 44'25	4°03'05
morning max el	-4070 Feb 27 j 20:08	10° \mathbb{Z} 51'25	26°46'16	min. Earth dist.	-4069 Jan 16 j 07:07	19° \mathbb{X} 48'28	0.61029 AU
	-4070 Mar 14 j 15:54	0° \mathbb{Z}		morning rise	-4069 Jan 19 j 20:10	17° \mathbb{X} 00'41	
morning set	-4070 Mar 29 j 16:41	27° \mathbb{Z} 41'51		direct	-4069 Jan 26 j 18:07	14° \mathbb{X} 42'09	
	-4070 Mar 30 j 18:59	0° \mathbb{X}		desc. node	-4069 Feb 05 j 05:41	18° \mathbb{X} 25'48	
asc. node	-4070 Apr 04 j 18:36	10° \mathbb{X} 45'33		morning max el	-4069 Feb 09 j 20:23	22° \mathbb{X} 23'41	27°31'56
					-4069 Feb 16 j 14:37	0° \mathbb{Z}	
superior conj	-4070 Apr 05 j 17:50	12° \mathbb{X} 52'39	0°10'06		-4069 Mar 07 j 16:08	0° \mathbb{Z}	
minimum elong	-4070 Apr 05 j 17:23	12° \mathbb{X} 50'12	0°09'57	morning set	-4069 Mar 13 j 23:54	12° \mathbb{Z} 26'54	
behind sun begin	-4070 Apr 05 j 13:29	12° \mathbb{X} 28'50		max. Earth dist.	-4069 Mar 20 j 05:37	25° \mathbb{Z} 42'44	1.32644 AU
behind sun end	-4070 Apr 05 j 21:17	13° \mathbb{X} 11'35					
max. Earth dist.	-4070 Apr 05 j 17:02	12° \mathbb{X} 48'15	1.32585 AU	superior conj	-4069 Mar 21 j 05:10	27° \mathbb{Z} 50'59	-0°14'57
evening rise	-4070 Apr 12 j 17:46	27° \mathbb{X} 57'32		minimum elong	-4069 Mar 21 j 05:50	27° \mathbb{Z} 54'39	0°14'54
	-4070 Apr 13 j 17:22	0° \mathbb{Y}		behind sun begin	-4069 Mar 21 j 04:09	27° \mathbb{Z} 45'27	
	-4070 Apr 30 j 16:53	0° \mathbb{Y}		behind sun end	-4069 Mar 21 j 07:31	28° \mathbb{Z} 03'51	
evening max el	-4070 May 12 j 00:07	13° \mathbb{Y} 43'37	26°25'01		-4069 Mar 22 j 04:48	0° \mathbb{X}	
desc. node	-4070 May 17 j 07:16	18° \mathbb{Y} 01'27		asc. node	-4069 Mar 22 j 15:36	0° \mathbb{X} 59'00	
retrograde	-4070 May 26 j 02:05	21° \mathbb{Y} 02'43		evening rise	-4069 Mar 28 j 04:28	12° \mathbb{X} 54'56	
evening set	-4070 Jun 01 j 10:12	19° \mathbb{Y} 21'05			-4069 Apr 05 j 21:38	0° \mathbb{Y}	
min. Earth dist.	-4070 Jun 05 j 13:14	16° \mathbb{Y} 39'28	0.59645 AU	evening max el	-4069 Apr 23 j 19:21	24° \mathbb{Y} 55'50	25°10'58
inferior conj	-4070 Jun 08 j 22:19	13° \mathbb{Y} 59'24	-4°17'22		-4069 Apr 30 j 11:17	0° \mathbb{Y}	
minimum elong	-4070 Jun 08 j 21:30	14° \mathbb{Y} 01'01	4°17'14	desc. node	-4069 May 04 j 04:24	1° \mathbb{Y} 33'30	
morning rise	-4070 Jun 16 j 11:10	9° \mathbb{Y} 24'43		retrograde	-4069 May 07 j 20:48	2° \mathbb{Y} 05'13	
direct	-4070 Jun 18 j 23:26	9° \mathbb{Y} 01'59		evening set	-4069 May 13 j 01:46	1° \mathbb{Y} 02'19	
morning max el	-4070 Jun 26 j 12:58	12° \mathbb{Y} 40'07	18°20'19		-4069 May 15 j 07:17	30° \mathbb{R} \mathbb{Y}	
asc. node	-4070 Jul 01 j 18:12	19° \mathbb{Y} 04'44		min. Earth dist.	-4069 May 18 j 07:45	28° \mathbb{Y} 10'44	0.57678 AU
	-4070 Jul 08 j 06:04	0° \mathbb{I}		inferior conj	-4069 May 21 j 10:03	26° \mathbb{Y} 03'43	-3°52'31
morning set	-4070 Jul 12 j 14:36	8° \mathbb{I} 09'54		minimum elong	-4069 May 21 j 05:45	26° \mathbb{Y} 11'09	3°51'48
				morning rise	-4069 May 29 j 12:42	21° \mathbb{Y} 49'15	
superior conj	-4070 Jul 21 j 23:38	25° \mathbb{I} 47'24	1°47'38	direct	-4069 Jun 01 j 00:15	21° \mathbb{Y} 30'46	
minimum elong	-4070 Jul 22 j 01:06	25° \mathbb{I} 54'02	1°47'46	morning max el	-4069 Jun 09 j 16:40	25° \mathbb{Y} 34'47	19°01'15
	-4070 Jul 24 j 07:24	0° \mathbb{O}			-4069 Jun 13 j 14:26	0° \mathbb{Y}	
max. Earth dist.	-4070 Jul 29 j 10:33	9° \mathbb{O} 00'37	1.40525 AU	asc. node	-4069 Jun 18 j 15:13	7° \mathbb{O} 39'33	
evening rise	-4070 Aug 03 j 04:12	16° \mathbb{O} 58'43		morning set	-4069 Jun 26 j 10:09	22° \mathbb{O} 12'39	
	-4070 Aug 11 j 08:02	0° \mathbb{O}			-4069 Jun 30 j 08:49	0° \mathbb{I}	
desc. node	-4070 Aug 13 j 06:17	2° \mathbb{O} 57'20					
	-4070 Sep 01 j 17:41	0° \mathbb{M}		superior conj	-4069 Jul 04 j 21:46	8° \mathbb{I} 50'57	1°48'21

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4069 Jul 04 j 20:57	8° Π 47'04	1°48'30			-4068 Jun 21 j 03:26	0° Π	
max. Earth dist.	-4069 Jul 11 j 12:19	21° Π 10'02	1.38578 AU	max. Earth dist.	-4068 Jun 22 j 16:33	2° Π 58'18	1.36743 AU	
evening rise	-4069 Jul 15 j 10:15	28° Π 05'38		evening rise	-4068 Jun 26 j 15:57	10° Π 23'03		
	-4069 Jul 16 j 12:46	0° \mathfrak{S}			-4068 Jul 08 j 04:10	0° \mathfrak{S}		
desc. node	-4069 Jul 31 j 03:18	23° \mathfrak{S} 17'25		desc. node	-4068 Jul 17 j 00:21	13° \mathfrak{S} 18'43		
	-4069 Aug 04 j 18:52	0° Ω			-4068 Jul 30 j 04:34	0° Ω		
evening max el	-4069 Aug 20 j 02:11	18° Ω 53'55	24°34'33	evening max el	-4068 Aug 01 j 12:56	2° Ω 25'02	25°47'16	
retrograde	-4069 Aug 31 j 10:56	25° Ω 32'50		retrograde	-4068 Aug 13 j 19:59	9° Ω 28'47		
evening set	-4069 Sep 06 j 00:11	23° Ω 10'50		evening set	-4068 Aug 20 j 00:08	6° Ω 50'45		
min. Earth dist.	-4069 Sep 10 j 15:28	17° Ω 50'03	0.67189 AU	min. Earth dist.	-4068 Aug 24 j 06:51	2° Ω 07'20	0.66636 AU	
inferior conj	-4069 Sep 11 j 08:38	16° Ω 52'33	-1°05'35	inferior conj	-4068 Aug 25 j 11:30	0° Ω 35'54	-1°57'24	
minimum elong	-4069 Sep 11 j 10:10	16° Ω 47'26	1°04'50	minimum elong	-4068 Aug 25 j 14:10	0° Ω 27'22	1°56'15	
asc. node	-4069 Sep 14 j 14:23	12° Ω 49'37			-4068 Aug 25 j 22:46	30° \mathfrak{R} \mathfrak{S}		
morning rise	-4069 Sep 16 j 20:07	10° Ω 47'09		morning rise	-4068 Aug 31 j 04:19	24° \mathfrak{S} 40'08		
direct	-4069 Sep 20 j 13:18	9° Ω 27'39		asc. node	-4068 Aug 31 j 11:28	24° \mathfrak{S} 29'17		
morning max el	-4069 Sep 28 j 09:14	14° Ω 01'22	20°17'20	direct	-4068 Sep 03 j 11:31	23° \mathfrak{S} 37'09		
	-4069 Oct 10 j 14:53	0° \mathfrak{M}		morning max el	-4068 Sep 10 j 14:18	27° \mathfrak{S} 40'20	19°17'25	
morning set	-4069 Oct 25 j 16:07	22° \mathfrak{M} 47'19			-4068 Sep 12 j 16:39	0° Ω		
desc. node	-4069 Oct 27 j 03:03	25° \mathfrak{M} 02'54			-4068 Oct 02 j 23:34	0° \mathfrak{M}		
	-4069 Oct 30 j 07:05	0° $\underline{\mathfrak{L}}$		morning set	-4068 Oct 03 j 21:25	1° \mathfrak{M} 25'29		
max. Earth dist.	-4069 Nov 05 j 08:10	9° $\underline{\mathfrak{L}}$ 35'27	1.43601 AU	desc. node	-4068 Oct 12 j 23:59	15° \mathfrak{M} 41'58		
				max. Earth dist.	-4068 Oct 17 j 23:36	23° \mathfrak{M} 33'11	1.44565 AU	
superior conj	-4069 Nov 10 j 23:52	18° $\underline{\mathfrak{L}}$ 46'18	-1°25'24	superior conj	-4068 Oct 20 j 12:44	27° \mathfrak{M} 35'22	-0°46'34	
minimum elong	-4069 Nov 10 j 17:09	18° $\underline{\mathfrak{L}}$ 18'44	1°24'48	minimum elong	-4068 Oct 20 j 07:08	27° \mathfrak{M} 13'10	0°45'52	
	-4069 Nov 17 j 17:08	0° \mathfrak{M}			-4068 Oct 22 j 01:05	0° $\underline{\mathfrak{L}}$		
evening rise	-4069 Nov 23 j 19:11	10° \mathfrak{M} 27'24		evening rise	-4068 Nov 04 j 07:48	21° $\underline{\mathfrak{L}}$ 32'31		
	-4069 Dec 05 j 09:22	0° \mathfrak{J}			-4068 Nov 09 j 10:41	0° \mathfrak{M}		
evening max el	-4069 Dec 11 j 10:58	7° \mathfrak{J} 55'55	18°11'33	evening max el	-4068 Nov 23 j 23:25	21° \mathfrak{M} 18'19	18°32'22	
asc. node	-4069 Dec 11 j 13:17	8° \mathfrak{J} 01'43		asc. node	-4068 Nov 27 j 10:21	24° \mathfrak{M} 05'09		
retrograde	-4069 Dec 18 j 00:09	11° \mathfrak{J} 25'36		retrograde	-4068 Nov 30 j 14:41	24° \mathfrak{M} 59'32		
evening set	-4069 Dec 20 j 19:13	10° \mathfrak{J} 45'59		evening set	-4068 Dec 03 j 14:17	24° \mathfrak{M} 10'07		
inferior conj	-4069 Dec 27 j 02:38	5° \mathfrak{J} 29'03	3°51'19	inferior conj	-4068 Dec 09 j 13:12	18° \mathfrak{M} 34'45	3°23'51	
minimum elong	-4069 Dec 27 j 00:22	5° \mathfrak{J} 35'03	3°50'52	minimum elong	-4068 Dec 09 j 10:07	18° \mathfrak{M} 43'48	3°23'02	
min. Earth dist.	-4069 Dec 29 j 16:49	2° \mathfrak{J} 44'53	0.62911 AU	min. Earth dist.	-4068 Dec 11 j 12:35	16° \mathfrak{M} 16'12	0.64494 AU	
	-4068 Jan 01 j 15:42	30° \mathfrak{K} \mathfrak{M}		morning rise	-4068 Dec 15 j 05:31	12° \mathfrak{M} 30'52		
morning rise	-4068 Jan 02 j 04:47	29° \mathfrak{M} 34'12		direct	-4068 Dec 22 j 01:59	9° \mathfrak{M} 39'51		
direct	-4068 Jan 09 j 06:34	26° \mathfrak{M} 51'53		morning max el	-4067 Jan 04 j 11:23	17° \mathfrak{M} 20'09	27°16'34	
	-4068 Jan 17 j 15:56	0° \mathfrak{J}		desc. node	-4067 Jan 08 j 23:45	22° \mathfrak{M} 13'47		
morning max el	-4068 Jan 23 j 02:12	4° \mathfrak{J} 35'35	27°41'36		-4067 Jan 15 j 03:09	0° \mathfrak{J}		
desc. node	-4068 Jan 23 j 02:43	4° \mathfrak{J} 36'52			-4067 Feb 03 j 01:12	0° \mathfrak{S}		
	-4068 Feb 11 j 05:57	0° \mathfrak{S}		morning set	-4067 Feb 08 j 18:36	10° \mathfrak{S} 46'38		
morning set	-4068 Feb 26 j 01:29	26° \mathfrak{S} 51'33		max. Earth dist.	-4067 Feb 13 j 14:02	20° \mathfrak{S} 26'06	1.33903 AU	
	-4068 Feb 27 j 14:34	0° \approx						
max. Earth dist.	-4068 Mar 02 j 13:54	8° \approx 19'15	1.33071 AU	superior conj	-4067 Feb 16 j 19:45	27° \mathfrak{S} 11'43	-1°03'44	
superior conj	-4068 Mar 04 j 14:25	12° \approx 39'23	-0°39'54	minimum elong	-4067 Feb 16 j 22:25	27° \mathfrak{S} 25'45	1°03'26	
minimum elong	-4068 Mar 04 j 16:11	12° \approx 48'54	0°39'41		-4067 Feb 18 j 03:32	0° \approx		
asc. node	-4068 Mar 08 j 12:36	21° \approx 08'19		asc. node	-4067 Feb 23 j 09:36	11° \approx 09'20		
evening rise	-4068 Mar 11 j 16:07	27° \approx 51'16		evening rise	-4067 Feb 24 j 02:57	12° \approx 40'15		
	-4068 Mar 12 j 16:43	0° \mathfrak{H}			-4067 Mar 05 j 01:58	0° \mathfrak{H}		
	-4068 Mar 30 j 07:55	0° \mathfrak{Y}		evening max el	-4067 Mar 17 j 05:53	16° \mathfrak{H} 28'09	22°06'15	
evening max el	-4068 Apr 04 j 11:21	5° \mathfrak{Y} 42'00	23°39'59	retrograde	-4067 Mar 29 j 21:13	22° \mathfrak{H} 36'20		
retrograde	-4068 Apr 18 j 02:49	12° \mathfrak{Y} 29'16		evening set	-4067 Apr 01 j 16:49	22° \mathfrak{H} 18'44		
desc. node	-4068 Apr 20 j 01:32	12° \mathfrak{Y} 20'48		desc. node	-4067 Apr 06 j 22:39	20° \mathfrak{H} 25'05		
evening set	-4068 Apr 21 j 23:48	11° \mathfrak{Y} 56'15		min. Earth dist.	-4067 Apr 10 j 12:35	18° \mathfrak{H} 29'49	0.55257 AU	
min. Earth dist.	-4068 Apr 28 j 22:40	8° \mathfrak{Y} 42'28	0.56109 AU	inferior conj	-4067 Apr 11 j 01:30	18° \mathfrak{H} 11'36	-1°07'54	
inferior conj	-4068 May 01 j 01:41	7° \mathfrak{Y} 25'37	-2°48'55	minimum elong	-4067 Apr 10 j 22:24	18° \mathfrak{H} 15'58	1°06'54	
minimum elong	-4068 Apr 30 j 19:47	7° \mathfrak{Y} 34'33	2°47'20	morning rise	-4067 Apr 20 j 05:18	14° \mathfrak{H} 13'12		
morning rise	-4068 May 09 j 18:34	3° \mathfrak{Y} 25'43		direct	-4067 Apr 22 j 21:34	13° \mathfrak{H} 57'03		
direct	-4068 May 12 j 06:21	3° \mathfrak{Y} 10'00		morning max el	-4067 May 04 j 18:41	19° \mathfrak{H} 32'46	21°23'03	
morning max el	-4068 May 22 j 11:03	7° \mathfrak{Y} 54'13	20°02'38		-4067 May 13 j 05:27	0° \mathfrak{Y}		
asc. node	-4068 Jun 04 j 12:13	26° \mathfrak{Y} 47'57		asc. node	-4067 May 22 j 09:15	16° \mathfrak{Y} 21'32		
	-4068 Jun 06 j 04:31	0° \mathfrak{B}		morning set	-4067 May 24 j 21:14	21° \mathfrak{Y} 26'16		
morning set	-4068 Jun 09 j 13:11	6° \mathfrak{B} 40'25			-4067 May 28 j 23:44	0° \mathfrak{B}		
superior conj	-4068 Jun 17 j 09:49	22° \mathfrak{B} 38'21	1°40'44	superior conj	-4067 Jun 01 j 07:44	6° \mathfrak{B} 57'39	1°27'00	
minimum elong	-4068 Jun 17 j 07:40	22° \mathfrak{B} 27'31	1°40'42	minimum elong	-4067 Jun 01 j 05:04	6° \mathfrak{B} 43'47	1°26'47	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

max. Earth dist.	-4067 Jun 05 j 04:23	14°  50'28	1.35191 AU	asc. node	-4066 May 09 j 06:17	6°  13'08		
evening rise	-4067 Jun 09 j 16:05	23°  37'11						
	-4067 Jun 13 j 02:14	0°  II		superior conj	-4066 May 16 j 12:22	21°  38'55	1°08'52	
	-4067 Jul 01 j 18:37	0°  ☿		minimum elong	-4066 May 16 j 09:49	21°  25'23	1°08'31	
desc. node	-4067 Jul 03 j 21:23	2°  ☿53'05		max. Earth dist.	-4066 May 19 j 02:06	27°  04'36	1.33999 AU	
evening max el	-4067 Jul 15 j 00:02	15°  ☿53'24	26°44'28		-4066 May 20 j 11:52	0°  ☿		
retrograde	-4067 Jul 28 j 00:10	23°  ☿11'58		evening rise	-4066 May 24 j 05:40	7°  ☿33'38		
evening set	-4067 Aug 03 j 17:16	20°  ☿24'36			-4066 Jun 05 j 15:05	0°  II		
min. Earth dist.	-4067 Aug 07 j 16:08	16°  ☿19'41	0.65723 AU	desc. node	-4066 Jun 20 j 18:28	21°  II49'15		
inferior conj	-4067 Aug 09 j 09:37	14°  ☿16'01	-2°45'44	evening max el	-4066 Jun 27 j 11:10	29°  II10'28	27°18'37	
minimum elong	-4067 Aug 09 j 13:08	14°  ☿05'34	2°44'26		-4066 Jun 28 j 08:11	0°  ☿		
morning rise	-4067 Aug 15 j 09:20	8°  ☿33'06		retrograde	-4066 Jul 10 j 23:06	6°  ☿34'50		
direct	-4067 Aug 18 j 08:49	7°  ☿43'27		evening set	-4066 Jul 18 j 00:47	3°  ☿48'47		
asc. node	-4067 Aug 18 j 08:35	7°  ☿43'28		min. Earth dist.	-4066 Jul 21 j 17:22	0°  ☿20'11	0.64428 AU	
morning max el	-4067 Aug 25 j 01:04	11°  ☿25'01	18°33'05		-4066 Jul 22 j 00:55	30°  ☿II		
	-4067 Sep 07 j 03:39	0°  ♊		inferior conj	-4066 Jul 24 j 00:42	27°  II49'21	-3°28'00	
morning set	-4067 Sep 14 j 02:22	11°  ♊14'08		minimum elong	-4066 Jul 24 j 04:28	27°  II39'03	3°26'54	
	-4067 Sep 25 j 19:28	0°  ♊		morning rise	-4066 Jul 30 j 08:49	22°  II22'11		
superior conj	-4067 Sep 29 j 12:12	5°  ♊50'43	0°02'20	direct	-4066 Aug 02 j 02:51	21°  II42'48		
minimum elong	-4067 Sep 29 j 12:30	5°  ♊51'57	0°02'22	asc. node	-4066 Aug 05 j 05:42	22°  II33'04		
behind sun begin	-4067 Sep 29 j 01:14	5°  ♊07'29		morning max el	-4066 Aug 08 j 15:13	25°  II11'24	18°05'43	
behind sun end	-4067 Sep 29 j 23:46	6°  ♊36'24			-4066 Aug 12 j 14:50	0°  ☿		
desc. node	-4067 Sep 29 j 20:57	6°  ♊25'16		morning set	-4066 Aug 26 j 10:39	22°  ☿21'33		
max. Earth dist.	-4067 Sep 30 j 17:31	7°  ♊46'20	1.44821 AU		-4066 Aug 30 j 23:30	0°  ♊		
	-4067 Oct 14 j 20:01	0°  ♊		superior conj	-4066 Sep 08 j 21:06	14°  ♊37'54	0°48'41	
evening rise	-4067 Oct 15 j 19:35	1°  ♊33'09		minimum elong	-4066 Sep 09 j 02:16	14°  ♊58'44	0°48'10	
greatest brilliancy	-4067 Oct 24 j 17:30	15°  ♊37'36	-0.8m	max. Earth dist.	-4066 Sep 13 j 10:43	21°  ♊56'49	1.44356 AU	
	-4067 Nov 03 j 10:20	0°  ♊		desc. node	-4066 Sep 16 j 17:51	27°  ♊09'43		
evening max el	-4067 Nov 07 j 09:24	4°  ♊43'54	19°10'35		-4066 Sep 18 j 13:13	0°  ♊		
retrograde	-4067 Nov 14 j 09:55	8°  ♊45'35		evening rise	-4066 Sep 25 j 08:49	10°  ♊36'34		
asc. node	-4067 Nov 14 j 07:28	8°  ♊45'32			-4066 Oct 08 j 01:34	0°  ♊		
evening set	-4067 Nov 17 j 15:53	7°  ♊44'20		greatest brilliancy	-4066 Oct 08 j 23:51	1°  ♊22'56	-0.6m	
inferior conj	-4067 Nov 23 j 08:22	1°  ♊53'39	2°45'51	evening max el	-4066 Oct 21 j 14:53	18°  ♊10'31	20°04'30	
minimum elong	-4067 Nov 23 j 05:16	2°  ♊03'25	2°44'50	retrograde	-4066 Oct 29 j 07:03	22°  ♊40'16		
min. Earth dist.	-4067 Nov 24 j 17:43	0°  ♊08'19	0.65726 AU	asc. node	-4066 Nov 01 j 04:36	21°  ♊51'31		
	-4067 Nov 24 j 20:23	30°  ☿♊		evening set	-4066 Nov 01 j 21:34	21°  ♊24'38		
morning rise	-4067 Nov 28 j 18:23	25°  ♊43'15		inferior conj	-4066 Nov 07 j 09:26	15°  ♊21'58	2°00'46	
direct	-4067 Dec 05 j 03:43	22°  ♊56'45		minimum elong	-4066 Nov 07 j 06:54	15°  ♊30'22	1°59'48	
	-4067 Dec 17 j 11:32	0°  ♊		min. Earth dist.	-4066 Nov 08 j 06:13	14°  ♊12'44	0.66610 AU	
morning max el	-4067 Dec 17 j 21:10	0°  ♊23'50	26°22'35	morning rise	-4066 Nov 12 j 16:00	9°  ♊07'40		
desc. node	-4067 Dec 26 j 20:45	10°  ♊50'31		direct	-4066 Nov 18 j 11:12	6°  ♊35'18		
	-4066 Jan 09 j 02:13	0°  ♊		morning max el	-4066 Nov 30 j 06:03	13°  ♊35'30	25°08'18	
morning set	-4066 Jan 22 j 23:22	23°  ♊59'25		desc. node	-4066 Dec 13 j 17:45	0°  ♊09'36		
	-4066 Jan 26 j 02:51	0°  ☿			-4066 Dec 13 j 15:00	0°  ♊		
max. Earth dist.	-4066 Jan 27 j 02:48	1°  ☿57'06	1.35174 AU		-4065 Jan 01 j 21:14	0°  ♊		
				morning set	-4065 Jan 05 j 10:41	6°  ♊15'09		
superior conj	-4066 Jan 31 j 18:50	11°  ☿19'55	-1°25'08	max. Earth dist.	-4065 Jan 09 j 04:12	13°  ♊03'37	1.36875 AU	
minimum elong	-4066 Jan 31 j 21:58	11°  ☿35'56	1°24'54					
evening rise	-4066 Feb 08 j 11:08	27°  ☿14'50		superior conj	-4065 Jan 15 j 08:45	24°  ♊55'45	-1°42'19	
	-4066 Feb 09 j 19:26	0°  ☿		minimum elong	-4065 Jan 15 j 11:35	25°  ♊09'44	1°42'16	
asc. node	-4066 Feb 10 j 06:37	0°  ☿56'37			-4065 Jan 17 j 21:57	0°  ☿		
evening max el	-4066 Feb 27 j 08:40	27°  ☿38'35	20°41'51	evening rise	-4065 Jan 23 j 14:35	11°  ☿28'57		
	-4066 Mar 02 j 04:42	0°  ☿		asc. node	-4065 Jan 28 j 03:40	20°  ☿24'44		
retrograde	-4066 Mar 10 j 11:03	2°  ☿55'34			-4065 Feb 02 j 14:26	0°  ☿		
evening set	-4066 Mar 12 j 19:16	2°  ☿42'23		evening max el	-4065 Feb 09 j 22:09	9°  ☿24'59	19°33'52	
	-4066 Mar 19 j 15:48	30°  ☿☿		retrograde	-4065 Feb 19 j 08:12	13°  ☿53'09		
inferior conj	-4066 Mar 21 j 21:03	28°  ☿44'27	0°48'39	evening set	-4065 Feb 21 j 16:07	13°  ☿37'59		
minimum elong	-4066 Mar 21 j 23:13	28°  ☿41'18	0°47'49	inferior conj	-4065 Mar 02 j 02:24	9°  ☿33'02	2°28'24	
min. Earth dist.	-4066 Mar 23 j 02:47	28°  ☿01'27	0.55315 AU	minimum elong	-4065 Mar 02 j 07:23	9°  ☿25'01	2°26'54	
desc. node	-4066 Mar 24 j 19:47	27°  ☿03'49		min. Earth dist.	-4065 Mar 04 j 17:31	7°  ☿52'01	0.56276 AU	
morning rise	-4066 Mar 31 j 02:01	24°  ☿28'57		morning rise	-4065 Mar 10 j 20:02	4°  ☿48'44		
direct	-4066 Apr 03 j 09:49	24°  ☿04'53		desc. node	-4065 Mar 11 j 16:56	4°  ☿33'03		
	-4066 Apr 16 j 02:17	0°  ☿		direct	-4065 Mar 15 j 07:16	4°  ☿03'35		
morning max el	-4066 Apr 16 j 16:21	0° ☿32'37	22°57'40	morning max el	-4065 Mar 29 j 07:54	11° ☿09'21	24°36'33	
	-4066 May 06 j 05:16	0° ☿			-4065 Apr 12 j 13:53	0° ☿		
morning set	-4066 May 09 j 08:16	6° ☿23'32		morning set	-4065 Apr 23 j 20:29	21° ☿25'50		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4065 Apr 26 j 03:16	26° X 16'50		asc. node	-4064 Apr 12 j 00:15	16° X 28'08	
	-4065 Apr 27 j 20:39	0° Y					
superior conj	-4065 Apr 30 j 21:14	6° Y 33'31	0°47'36	superior conj	-4064 Apr 14 j 08:25	21° X 35'00	0°24'13
minimum elong	-4065 Apr 30 j 19:17	6° Y 22'57	0°47'15	minimum elong	-4064 Apr 14 j 07:22	21° X 29'15	0°23'58
max. Earth dist.	-4065 May 02 j 08:28	9° Y 43'42	1.33180 AU	max. Earth dist.	-4064 Apr 14 j 20:23	22° X 40'22	1.32711 AU
evening rise	-4065 May 08 j 04:42	21° Y 59'31		evening rise	-4064 Apr 18 j 05:28	0° Y	
	-4065 May 12 j 06:01	0° Z			-4064 Apr 21 j 10:08	6° Y 44'47	
	-4065 May 30 j 13:01	0° II			-4064 May 03 j 19:24	0° Z	
desc. node	-4065 Jun 07 j 15:36	9° II 50'24		evening max el	-4064 May 22 j 01:20	24° Z 20'48	26°55'32
evening max el	-4065 Jun 09 j 20:27	12° II 03'33	27°23'29	desc. node	-4064 May 24 j 12:43	26° Z 33'15	
retrograde	-4065 Jun 23 j 15:54	19° II 27'25			-4064 May 29 j 15:35	0° II	
evening set	-4065 Jun 30 j 19:03	16° II 56'21		retrograde	-4064 Jun 05 j 01:17	1° II 41'22	
min. Earth dist.	-4065 Jul 04 j 09:04	13° II 56'49	0.62769 AU		-4064 Jun 11 j 05:02	30° R Z	
inferior conj	-4065 Jul 07 j 05:51	11° II 08'58	-4°00'31	evening set	-4064 Jun 11 j 19:57	29° Z 38'50	
minimum elong	-4065 Jul 07 j 08:55	11° II 01'29	3°59'54	min. Earth dist.	-4064 Jun 15 j 14:52	26° Z 55'33	0.60832 AU
morning rise	-4065 Jul 13 j 23:53	6° II 00'26		inferior conj	-4064 Jun 18 j 21:41	24° Z 06'53	-4°17'38
direct	-4065 Jul 16 j 14:35	5° II 28'44		minimum elong	-4064 Jun 18 j 22:41	24° Z 04'44	4°17'28
asc. node	-4065 Jul 23 j 02:47	8° II 44'59		morning rise	-4064 Jun 26 j 03:11	19° Z 19'21	
morning max el	-4065 Jul 23 j 06:02	8° II 52'55	17°56'20	direct	-4064 Jun 28 j 16:12	18° Z 53'33	
	-4065 Aug 06 j 04:01	0° S		morning max el	-4064 Jul 05 j 18:46	22° Z 23'01	18°05'52
morning set	-4065 Aug 08 j 18:05	4° S 35'19		asc. node	-4064 Jul 08 j 23:50	26° Z 03'39	
					-4064 Jul 11 j 17:44	0° II	
superior conj	-4065 Aug 20 j 06:59	24° S 39'28	1°22'51	morning set	-4064 Jul 21 j 19:07	17° II 40'43	
minimum elong	-4065 Aug 20 j 12:25	25° S 02'24	1°22'29		-4064 Jul 28 j 11:26	0° S	
	-4065 Aug 23 j 11:43	0° O		superior conj	-4064 Jul 31 j 20:10	6° S 02'38	1°42'22
max. Earth dist.	-4065 Aug 27 j 00:34	5° O 47'33	1.43239 AU	minimum elong	-4064 Jul 31 j 23:13	6° S 16'08	1°42'23
desc. node	-4065 Sep 03 j 14:49	17° O 52'23		max. Earth dist.	-4064 Aug 08 j 09:20	19° S 04'09	1.41615 AU
evening rise	-4065 Sep 04 j 12:46	19° O 17'53		evening rise	-4064 Aug 14 j 03:32	28° S 31'02	
	-4065 Sep 11 j 12:14	0° P			-4064 Aug 15 j 01:45	0° O	
	-4065 Oct 03 j 02:25	0° A		desc. node	-4064 Aug 20 j 11:49	8° O 29'46	
evening max el	-4065 Oct 04 j 14:28	1° A 36'28	21°11'37		-4064 Sep 04 j 04:02	0° P	
retrograde	-4065 Oct 13 j 03:52	6° A 40'36		evening max el	-4064 Sep 16 j 07:58	15° P 02'02	22°28'08
evening set	-4065 Oct 17 j 05:14	5° A 07'54		retrograde	-4064 Sep 25 j 22:46	20° P 44'31	
asc. node	-4065 Oct 19 j 01:44	3° A 24'17		evening set	-4064 Sep 30 j 13:04	18° P 52'40	
	-4065 Oct 21 j 19:30	30° R P		asc. node	-4064 Oct 04 j 22:51	13° P 50'23	
inferior conj	-4065 Oct 22 j 14:06	28° P 56'32	1°11'00	inferior conj	-4064 Oct 05 j 20:31	12° P 35'54	0°18'32
minimum elong	-4065 Oct 22 j 12:31	29° P 01'58	1°10'22	minimum elong	-4064 Oct 05 j 20:05	12° P 37'24	0°18'24
min. Earth dist.	-4065 Oct 22 j 23:41	28° P 23'43	0.67168 AU	min. Earth dist.	-4064 Oct 05 j 19:39	12° P 38'55	0.67416 AU
morning rise	-4065 Oct 27 j 19:37	22° P 41'06		morning rise	-4064 Oct 11 j 02:58	6° P 22'08	
direct	-4065 Nov 01 j 23:37	20° P 28'30		direct	-4064 Oct 15 j 16:09	4° P 31'14	
morning max el	-4065 Nov 12 j 14:52	26° P 49'35	23°43'34	morning max el	-4064 Oct 25 j 02:46	10° P 08'05	22°17'39
	-4065 Nov 15 j 13:30	0° A			-4064 Nov 09 j 14:32	0° A	
desc. node	-4065 Nov 30 j 14:43	19° A 58'28		desc. node	-4064 Nov 16 j 11:39	10° A 08'30	
	-4065 Dec 07 j 06:36	0° M		morning set	-4064 Nov 27 j 05:39	26° A 55'20	
morning set	-4065 Dec 17 j 22:23	17° M 17'11			-4064 Nov 29 j 03:03	0° M	
max. Earth dist.	-4065 Dec 21 j 23:56	24° M 19'14	1.38878 AU	max. Earth dist.	-4064 Dec 02 j 22:16	6° M 18'35	1.40939 AU
	-4065 Dec 25 j 04:10	0° X					
superior conj	-4065 Dec 29 j 09:34	7° X 48'28	-1°52'50	superior conj	-4064 Dec 10 j 16:14	19° M 44'24	-1°53'27
minimum elong	-4065 Dec 29 j 10:57	7° X 54'57	1°52'58	minimum elong	-4064 Dec 10 j 14:43	19° M 37'39	1°53'32
evening rise	-4064 Jan 07 j 10:49	25° X 16'07			-4064 Dec 16 j 07:37	0° X	
	-4064 Jan 09 j 21:30	0° Z		evening rise	-4064 Dec 20 j 20:47	8° X 28'43	
asc. node	-4064 Jan 15 j 00:43	9° Z 26'58		asc. node	-4064 Dec 31 j 21:46	27° X 54'21	
evening max el	-4064 Jan 23 j 21:22	21° Z 45'37	18°45'16		-4063 Jan 02 j 08:28	0° Z	
retrograde	-4064 Jan 31 j 22:22	25° Z 38'47		evening max el	-4063 Jan 06 j 03:49	4° Z 32'24	18°16'39
evening set	-4064 Feb 03 j 09:25	25° Z 18'24		retrograde	-4063 Jan 13 j 06:59	8° Z 06'18	
inferior conj	-4064 Feb 11 j 02:24	20° Z 55'45	3°32'23	evening set	-4063 Jan 15 j 20:59	7° Z 39'17	
minimum elong	-4064 Feb 11 j 06:19	20° Z 48'27	3°31'34	inferior conj	-4063 Jan 22 j 22:42	2° Z 55'13	4°00'24
min. Earth dist.	-4064 Feb 14 j 09:46	18° Z 29'09	0.57906 AU	minimum elong	-4063 Jan 22 j 23:50	2° Z 52'46	4°00'10
morning rise	-4064 Feb 19 j 00:46	15° Z 43'27			-4063 Jan 26 j 08:16	30° R X	
direct	-4064 Feb 24 j 17:30	14° Z 32'59		min. Earth dist.	-4063 Jan 26 j 06:23	0° Z 03'51	0.59868 AU
desc. node	-4064 Feb 26 j 14:03	14° Z 32'26		morning rise	-4063 Jan 30 j 00:57	27° X 21'25	
morning max el	-4064 Mar 09 j 23:31	21° Z 50'30	26°05'30	direct	-4063 Feb 05 j 15:22	25° X 23'08	
	-4064 Mar 17 j 03:18	0° A		desc. node	-4063 Feb 12 j 11:08	27° X 19'15	
	-4064 Apr 04 j 04:39	0° X			-4063 Feb 16 j 10:44	0° Z	
morning set	-4064 Apr 07 j 08:13	6° X 27'25		morning max el	-4063 Feb 19 j 20:15	3° Z 00'35	27°10'05
					-4063 Mar 11 j 12:40	0° A	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning set	-4063 Mar 22 j 17:38	21°≈20'33			-4062 Feb 14 j 07:54	0°☿	
	-4063 Mar 26 j 19:28	0°☿			-4062 Mar 03 j 23:12	0°≈	
				morning set	-4062 Mar 06 j 22:46	5°≈58'02	
superior conj	-4063 Mar 29 j 20:08	6°☿35'53	-0°00'29	max. Earth dist.	-4062 Mar 12 j 21:13	18°≈28'39	1.32777 AU
minimum elong	-4063 Mar 29 j 20:10	6°☿36'01	0°00'33				
behind sun begin	-4063 Mar 29 j 15:10	6°☿08'40		superior conj	-4062 Mar 14 j 06:46	21°≈30'29	-0°25'36
behind sun end	-4063 Mar 30 j 01:10	7°☿03'23		minimum elong	-4062 Mar 14 j 07:55	21°≈36'44	0°25'28
max. Earth dist.	-4063 Mar 29 j 09:58	5°☿40'15	1.32571 AU	asc. node	-4062 Mar 16 j 18:12	26°≈53'49	
asc. node	-4063 Mar 29 j 21:13	6°☿41'50			-4062 Mar 18 j 04:31	0°☿	
evening rise	-4063 Apr 05 j 19:28	21°☿39'38		evening rise	-4062 Mar 21 j 06:45	6°☿36'59	
	-4063 Apr 09 j 21:42	0°☿			-4062 Apr 02 j 16:46	0°☿	
	-4063 Apr 28 j 13:52	0°☿		evening max el	-4062 Apr 15 j 16:48	16°☿52'03	24°33'24
evening max el	-4063 May 03 j 23:48	5°☿54'40	25°56'17	desc. node	-4062 Apr 28 j 06:58	23°☿50'32	
desc. node	-4063 May 11 j 09:51	11°☿25'30		retrograde	-4062 Apr 29 j 15:36	23°☿54'49	
retrograde	-4063 May 18 j 01:49	13°☿10'12		evening set	-4062 May 04 j 06:59	23°☿06'04	
evening set	-4063 May 23 j 23:52	11°☿45'06		min. Earth dist.	-4062 May 10 j 04:48	20°☿06'20	0.56941 AU
min. Earth dist.	-4063 May 28 j 12:17	9°☿01'20	0.58792 AU	inferior conj	-4062 May 12 j 23:30	18°☿18'44	-3°30'35
inferior conj	-4063 May 31 j 20:29	6°☿32'45	-4°11'04	minimum elong	-4062 May 12 j 18:05	18°☿27'32	3°29'26
minimum elong	-4063 May 31 j 18:09	6°☿37'07	4°10'47	morning rise	-4062 May 21 j 08:21	14°☿11'56	
morning rise	-4063 Jun 08 j 15:04	2°☿07'11		direct	-4062 May 23 j 19:39	13°☿55'00	
direct	-4063 Jun 11 j 03:11	1°☿46'16		morning max el	-4062 Jun 02 j 02:40	18°☿14'10	19°24'56
morning max el	-4063 Jun 19 j 02:35	5°☿33'08	18°35'14		-4062 Jun 10 j 23:15	0°☿	
asc. node	-4063 Jun 25 j 20:51	14°☿14'03		asc. node	-4062 Jun 12 j 17:51	3°☿04'15	
	-4063 Jul 04 j 15:18	0°☿		morning set	-4062 Jun 19 j 07:59	15°☿39'07	
morning set	-4063 Jul 05 j 08:57	1°☿25'04			-4062 Jun 26 j 12:26	0°☿	
superior conj	-4063 Jul 14 j 07:56	18°☿34'23	1°49'07	superior conj	-4062 Jun 27 j 12:33	1°☿58'28	1°46'00
minimum elong	-4063 Jul 14 j 08:19	18°☿36'12	1°49'18	minimum elong	-4062 Jun 27 j 11:04	1°☿51'08	1°46'05
	-4063 Jul 20 j 14:45	0°☿		max. Earth dist.	-4062 Jul 03 j 14:19	13°☿32'13	1.37767 AU
max. Earth dist.	-4063 Jul 21 j 12:43	1°☿36'38	1.39701 AU	evening rise	-4062 Jul 07 j 10:54	20°☿31'03	
evening rise	-4063 Jul 25 j 18:17	8°☿52'52			-4062 Jul 12 j 23:13	0°☿	
desc. node	-4063 Aug 07 j 08:49	28°☿57'42		desc. node	-4062 Jul 25 j 05:50	19°☿10'43	
	-4063 Aug 08 j 01:25	0°☿			-4062 Aug 02 j 01:17	0°☿	
evening max el	-4063 Aug 29 j 20:45	28°☿28'44	23°48'52	evening max el	-4062 Aug 12 j 07:26	11°☿58'05	25°06'52
	-4063 Aug 31 j 10:54	0°☿		retrograde	-4062 Aug 24 j 02:31	18°☿49'43	
retrograde	-4063 Sep 09 j 14:39	4°☿49'11		evening set	-4062 Aug 29 j 22:11	16°☿20'11	
evening set	-4063 Sep 14 j 19:20	2°☿37'37		min. Earth dist.	-4062 Sep 03 j 09:38	11°☿15'01	0.66990 AU
	-4063 Sep 17 j 07:35	30°☿		inferior conj	-4062 Sep 04 j 07:36	10°☿02'42	-1°27'55
min. Earth dist.	-4063 Sep 19 j 15:46	26°☿56'49	0.67358 AU	minimum elong	-4062 Sep 04 j 09:39	9°☿56'00	1°26'58
inferior conj	-4063 Sep 20 j 02:56	26°☿18'47	-0°34'59	asc. node	-4062 Sep 08 j 17:03	4°☿56'22	
minimum elong	-4063 Sep 20 j 03:45	26°☿16'00	0°34'32	morning rise	-4062 Sep 09 j 21:10	4°☿01'00	
asc. node	-4063 Sep 21 j 19:57	24°☿01'49		direct	-4062 Sep 13 j 09:42	2°☿49'08	
morning rise	-4063 Sep 25 j 12:07	20°☿09'34		morning max el	-4062 Sep 20 j 21:46	7°☿09'12	19°50'01
direct	-4063 Sep 29 j 11:56	18°☿39'27			-4062 Oct 07 j 13:03	0°☿	
morning max el	-4063 Oct 07 j 20:42	23°☿34'36	20°58'09	morning set	-4062 Oct 16 j 10:29	13°☿40'57	
	-4063 Oct 13 j 08:21	0°☿		desc. node	-4062 Oct 21 j 05:31	21°☿08'45	
	-4063 Nov 02 j 23:50	0°☿			-4062 Oct 26 j 20:36	0°☿	
desc. node	-4063 Nov 03 j 08:35	0°☿33'44		max. Earth dist.	-4062 Oct 28 j 15:00	2°☿48'17	1.44088 AU
morning set	-4063 Nov 06 j 11:53	5°☿25'47					
max. Earth dist.	-4063 Nov 15 j 03:21	19°☿11'43	1.42758 AU	superior conj	-4062 Nov 02 j 02:21	9°☿58'34	-1°10'44
				minimum elong	-4062 Nov 01 j 19:24	9°☿30'32	1°10'00
superior conj	-4063 Nov 21 j 23:04	0°☿30'20	-1°40'22		-4062 Nov 14 j 04:49	0°☿	
minimum elong	-4063 Nov 21 j 17:52	0°☿08'20	1°40'05	evening rise	-4062 Nov 15 j 18:07	2°☿37'56	
	-4063 Nov 21 j 15:53	0°☿			-4062 Dec 03 j 06:25	0°☿	
evening rise	-4063 Dec 03 j 16:46	20°☿59'25		evening max el	-4062 Dec 04 j 03:27	0°☿56'12	18°18'13
	-4063 Dec 08 j 18:23	0°☿		asc. node	-4062 Dec 05 j 15:55	2°☿20'18	
asc. node	-4063 Dec 18 j 18:50	15°☿36'38		retrograde	-4062 Dec 10 j 16:44	4°☿29'47	
evening max el	-4063 Dec 20 j 14:47	17°☿38'19	18°07'52	evening set	-4062 Dec 13 j 13:27	3°☿46'22	
retrograde	-4063 Dec 27 j 06:37	21°☿06'29			-4062 Dec 18 j 04:44	30°☿	
evening set	-4063 Dec 29 j 23:31	20°☿31'56		inferior conj	-4062 Dec 19 j 17:01	28°☿21'29	3°41'11
inferior conj	-4062 Jan 05 j 12:51	15°☿26'36	4°00'31	minimum elong	-4062 Dec 19 j 14:17	28°☿29'04	3°40'35
minimum elong	-4062 Jan 05 j 11:32	15°☿29'51	4°00'15	min. Earth dist.	-4062 Dec 22 j 01:03	25°☿46'30	0.63626 AU
min. Earth dist.	-4062 Jan 08 j 10:53	12°☿33'49	0.61851 AU	morning rise	-4062 Dec 25 j 14:28	22°☿22'18	
morning rise	-4062 Jan 11 j 22:28	9°☿37'52		direct	-4061 Jan 01 j 14:55	19°☿34'06	
direct	-4062 Jan 18 j 23:08	7°☿07'32		morning max el	-4061 Jan 15 j 06:56	27°☿18'10	27°34'51
desc. node	-4062 Jan 30 j 08:11	12°☿26'27		desc. node	-4061 Jan 17 j 05:13	29°☿17'23	
morning max el	-4062 Feb 01 j 23:21	14°☿51'05	27°40'36		-4061 Jan 17 j 20:57	0°☿	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4061 Feb 07 j 22:58	0°♁		desc. node	-4060 Jan 04 j 02:15	17°♌22'15	
morning set	-4061 Feb 18 j 21:08	20°♁11'20			-4060 Jan 13 j 09:57	0°♈	
	-4061 Feb 23 j 16:15	0°♌			-4060 Jan 31 j 09:05	0°♁	
max. Earth dist.	-4061 Feb 24 j 02:14	0°♌52'27	1.33365 AU	morning set	-4060 Feb 02 j 09:30	3°♈49'50	
				max. Earth dist.	-4060 Feb 06 j 21:32	12°♁42'39	1.34387 AU
superior conj	-4061 Feb 26 j 14:37	6°♌12'49	-0°50'13				
minimum elong	-4061 Feb 26 j 16:48	6°♌24'29	0°49'58	superior conj	-4060 Feb 10 j 17:37	20°♁36'02	-1°13'13
asc. node	-4061 Mar 03 j 15:13	17°♌00'05		minimum elong	-4060 Feb 10 j 20:33	20°♁51'18	1°12'56
evening rise	-4061 Mar 05 j 18:14	21°♌30'34			-4060 Feb 15 j 04:49	0°♌	
	-4061 Mar 09 j 22:05	0°♈		evening rise	-4060 Feb 18 j 04:11	6°♌14'11	
evening max el	-4061 Mar 28 j 09:08	27°♈35'08	22°59'44	asc. node	-4060 Feb 18 j 12:14	6°♌55'54	
	-4061 Mar 31 j 04:10	0°♈			-4060 Mar 02 j 05:53	0°♈	
retrograde	-4061 Apr 10 j 16:41	4°♈08'08		evening max el	-4060 Mar 09 j 06:51	8°♈29'57	21°28'45
evening set	-4061 Apr 14 j 01:02	3°♈43'37		retrograde	-4060 Mar 21 j 07:21	14°♈16'18	
desc. node	-4061 Apr 15 j 04:05	3°♈24'54		evening set	-4060 Mar 23 j 20:26	14°♈01'38	
min. Earth dist.	-4061 Apr 21 j 19:27	0°♈16'33	0.55634 AU	desc. node	-4060 Apr 01 j 01:14	10°♈38'14	
	-4061 Apr 22 j 06:53	30°♈		inferior conj	-4060 Apr 02 j 03:46	10°♈01'03	-0°18'24
inferior conj	-4061 Apr 23 j 07:30	29°♈24'09	-2°09'52	minimum elong	-4060 Apr 02 j 02:54	10°♈02'16	0°18'10
minimum elong	-4061 Apr 23 j 02:13	29°♈31'50	2°08'17	min. Earth dist.	-4060 Apr 02 j 09:29	9°♈53'00	0.55163 AU
morning rise	-4061 May 02 j 05:44	25°♈26'38		morning rise	-4060 Apr 11 j 09:31	5°♈57'26	
direct	-4061 May 04 j 18:17	25°♈11'24		direct	-4060 Apr 14 j 07:04	5°♈38'58	
	-4061 May 15 j 09:05	0°♈		morning max el	-4060 Apr 26 j 19:37	11°♈37'52	22°02'03
morning max el	-4061 May 15 j 16:39	0°♈17'21	20°34'43		-4060 May 10 j 04:29	0°♈	
asc. node	-4061 May 30 j 14:53	22°♈24'38		asc. node	-4060 May 16 j 11:54	12°♈06'37	
	-4061 Jun 03 j 10:22	0°♈		morning set	-4060 May 17 j 23:03	15°♈07'26	
morning set	-4061 Jun 03 j 13:28	0°♈15'49					
superior conj	-4061 Jun 11 j 05:18	16°♈01'24	1°35'33	superior conj	-4060 May 25 j 06:25	0°♈31'01	1°19'46
minimum elong	-4061 Jun 11 j 02:50	15°♈48'49	1°35'26	minimum elong	-4060 May 25 j 03:43	0°♈16'55	1°19'29
max. Earth dist.	-4061 Jun 15 j 21:04	25°♈18'46	1.36039 AU		-4060 May 25 j 00:30	0°♈	
	-4061 Jun 18 j 07:33	0°♈		max. Earth dist.	-4060 May 28 j 13:21	7°♈20'12	1.34640 AU
evening rise	-4061 Jun 20 j 01:12	3°♈15'31		evening rise	-4060 Jun 02 j 07:39	16°♈49'39	
	-4061 Jul 05 j 21:51	0°♈			-4060 Jun 09 j 10:49	0°♈	
desc. node	-4061 Jul 12 j 02:53	9°♈02'16		desc. node	-4060 Jun 27 j 23:58	28°♈22'13	
evening max el	-4061 Jul 25 j 18:25	25°♈29'55	26°14'00		-4060 Jun 29 j 06:40	0°♈	
	-4061 Jul 31 j 03:29	0°♈		evening max el	-4060 Jul 07 j 05:57	8°♈55'56	27°02'16
retrograde	-4061 Aug 07 j 09:43	2°♈41'30		retrograde	-4060 Jul 20 j 11:34	16°♈17'06	
evening set	-4061 Aug 13 j 19:34	29°♈58'42		evening set	-4060 Jul 27 j 08:59	13°♈29'08	
	-4061 Aug 13 j 18:57	30°♈		min. Earth dist.	-4060 Jul 31 j 05:03	9°♈39'58	0.65223 AU
min. Earth dist.	-4061 Aug 17 j 22:53	25°♈31'22	0.66292 AU	inferior conj	-4060 Aug 02 j 04:14	7°♈24'15	-3°04'34
inferior conj	-4061 Aug 19 j 08:46	23°♈45'58	-2°18'29	minimum elong	-4060 Aug 02 j 07:56	7°♈13'35	3°03'19
minimum elong	-4061 Aug 19 j 11:50	23°♈36'23	2°17'14	morning rise	-4060 Aug 08 j 07:18	1°♈47'24	
morning rise	-4061 Aug 25 j 04:18	17°♈55'00		direct	-4060 Aug 11 j 04:18	1°♈02'19	
asc. node	-4061 Aug 26 j 14:10	17°♈15'25		asc. node	-4060 Aug 12 j 11:17	1°♈11'22	
direct	-4061 Aug 28 j 07:55	16°♈58'04		morning max el	-4060 Aug 17 j 17:55	4°♈37'10	18°19'16
morning max el	-4061 Sep 04 j 05:28	20°♈51'17	18°56'26		-4060 Sep 03 j 19:28	0°♈	
	-4061 Sep 11 j 09:10	0°♈		morning set	-4060 Sep 05 j 17:28	3°♈09'43	
morning set	-4061 Sep 26 j 00:33	22°♈45'55					
	-4061 Sep 30 j 14:18	0°♈		superior conj	-4060 Sep 20 j 07:52	26°♈48'06	0°23'02
desc. node	-4061 Oct 08 j 02:27	11°♈50'07		minimum elong	-4060 Sep 20 j 10:45	26°♈59'30	0°22'45
max. Earth dist.	-4061 Oct 11 j 07:32	16°♈53'43	1.44769 AU		-4060 Sep 22 j 08:18	0°♈	
				max. Earth dist.	-4060 Sep 23 j 01:56	1°♈09'42	1.44718 AU
superior conj	-4061 Oct 12 j 07:08	18°♈26'47	-0°26'23	desc. node	-4060 Sep 23 j 23:26	2°♈34'32	
minimum elong	-4061 Oct 12 j 03:43	18°♈13'19	0°25'53	evening rise	-4060 Oct 06 j 21:44	22°♈50'23	
	-4061 Oct 19 j 14:07	0°♈			-4060 Oct 11 j 11:53	0°♈	
evening rise	-4061 Oct 27 j 20:19	13°♈15'40		greatest brilliancy	-4060 Oct 18 j 04:34	10°♈21'07	-0.7m
	-4061 Nov 07 j 05:40	0°♈		evening max el	-4060 Oct 30 j 23:37	27°♈47'51	19°31'45
evening max el	-4061 Nov 17 j 15:14	14°♈20'49	18°46'39		-4060 Nov 02 j 09:40	0°♈	
asc. node	-4061 Nov 22 j 13:02	17°♈50'21		retrograde	-4060 Nov 07 j 05:50	2°♈00'11	
retrograde	-4061 Nov 24 j 09:32	18°♈09'23		asc. node	-4060 Nov 08 j 10:09	1°♈52'08	
evening set	-4061 Nov 27 j 11:38	17°♈15'14		evening set	-4060 Nov 10 j 15:17	0°♈52'57	
inferior conj	-4061 Dec 03 j 07:36	11°♈33'12	3°08'44		-4060 Nov 11 j 19:01	30°♈	
minimum elong	-4061 Dec 03 j 04:26	11°♈42'50	3°07'48	inferior conj	-4060 Nov 16 j 05:35	24°♈56'45	2°27'25
min. Earth dist.	-4061 Dec 05 j 00:56	9°♈28'05	0.65070 AU	minimum elong	-4060 Nov 16 j 02:40	25°♈06'11	2°26'23
morning rise	-4061 Dec 08 j 20:52	5°♈26'26		min. Earth dist.	-4060 Nov 17 j 09:20	23°♈26'54	0.66149 AU
direct	-4061 Dec 15 j 13:20	2°♈35'38		morning rise	-4060 Nov 21 j 13:51	18°♈44'40	
morning max el	-4061 Dec 28 j 16:24	10°♈11'33	26°56'31	direct	-4060 Nov 27 j 17:28	16°♈03'24	
				morning max el	-4060 Dec 10 j 01:48	23°♈19'50	25°52'54

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4060 Dec 16 j 01:03	0°♌		desc. node	-4059 Dec 07 j 20:14	25°♊52'03	
desc. node	-4060 Dec 20 j 23:16	6°♌19'07			-4059 Dec 10 j 16:44	0°♌	
	-4059 Jan 05 j 18:02	0°♊		morning set	-4059 Dec 28 j 09:35	28°♌26'58	
morning set	-4059 Jan 15 j 07:34	16°♊40'39			-4059 Dec 29 j 06:45	0°♊	
max. Earth dist.	-4059 Jan 19 j 05:27	24°♊02'12	1.35854 AU	max. Earth dist.	-4058 Jan 01 j 03:56	5°♊09'55	1.37704 AU
	-4059 Jan 22 j 06:47	0°♊					
				superior conj	-4058 Jan 07 j 22:05	17°♊50'56	-1°47'47
superior conj	-4059 Jan 24 j 13:15	4°♊32'18	-1°33'04	minimum elong	-4058 Jan 08 j 00:28	18°♊02'29	1°47'48
minimum elong	-4059 Jan 24 j 16:22	4°♊48'02	1°32'54		-4058 Jan 14 j 02:04	0°♊	
evening rise	-4059 Feb 01 j 10:40	20°♊41'40		evening rise	-4058 Jan 16 j 11:23	4°♊45'17	
asc. node	-4059 Feb 04 j 09:16	26°♊36'19		asc. node	-4058 Jan 22 j 06:18	15°♊54'29	
	-4059 Feb 06 j 03:14	0°♊			-4058 Jan 31 j 11:28	0°♊	
evening max el	-4059 Feb 19 j 14:07	19°♊55'25	20°10'38	evening max el	-4058 Feb 02 j 07:49	1°♊56'20	19°10'41
retrograde	-4059 Mar 01 j 22:45	24°♊50'29		retrograde	-4058 Feb 11 j 02:47	6°♊08'13	
evening set	-4059 Mar 04 j 06:12	24°♊36'53		evening set	-4058 Feb 13 j 11:47	5°♊51'10	
inferior conj	-4059 Mar 13 j 01:55	20°♊37'24	1°34'37	inferior conj	-4058 Feb 21 j 14:35	1°♊39'15	3°00'16
minimum elong	-4059 Mar 13 j 05:48	20°♊31'35	1°33'17	minimum elong	-4058 Feb 21 j 19:29	1°♊30'50	2°58'59
min. Earth dist.	-4059 Mar 14 j 23:31	19°♊29'10	0.55627 AU		-4058 Feb 24 j 00:39	30°♊	
desc. node	-4059 Mar 18 j 22:21	17°♊22'06		min. Earth dist.	-4058 Feb 24 j 14:37	29°♊36'49	0.56905 AU
morning rise	-4059 Mar 22 j 03:34	16°♊10'49		morning rise	-4058 Mar 02 j 00:31	26°♊42'08	
direct	-4059 Mar 25 j 22:03	15°♊39'40		desc. node	-4058 Mar 05 j 19:28	25°♊47'25	
morning max el	-4059 Apr 08 j 13:57	22°♊24'53	23°40'02	direct	-4058 Mar 07 j 00:25	25°♊43'59	
	-4059 Apr 15 j 05:21	0°♊			-4058 Mar 17 j 17:21	0°♊	
morning set	-4059 May 02 j 10:48	0°♊07'46		morning max el	-4058 Mar 21 j 04:58	3°♊00'30	25°16'35
	-4059 May 02 j 09:19	0°♊			-4058 Apr 09 j 06:40	0°♊	
asc. node	-4059 May 03 j 08:54	2°♊04'07		morning set	-4058 Apr 16 j 23:00	15°♊10'28	
				asc. node	-4058 Apr 20 j 05:53	22°♊11'34	
superior conj	-4059 May 09 j 13:06	15°♊18'40	1°00'10				
minimum elong	-4059 May 09 j 10:45	15°♊06'07	0°59'48	superior conj	-4058 Apr 23 j 23:09	0°♊16'50	0°37'53
max. Earth dist.	-4059 May 11 j 15:15	19°♊46'14	1.33609 AU	minimum elong	-4058 Apr 23 j 21:33	0°♊08'08	0°37'34
	-4059 May 16 j 13:47	0°♊			-4058 Apr 23 j 20:04	0°♊	
evening rise	-4059 May 17 j 01:41	0°♊59'43		max. Earth dist.	-4058 Apr 25 j 00:20	2°♊33'38	1.32935 AU
	-4059 Jun 02 j 10:01	0°♊		evening rise	-4058 May 01 j 03:43	15°♊34'29	
desc. node	-4059 Jun 14 j 21:04	16°♊57'06			-4058 May 08 j 13:56	0°♊	
evening max el	-4059 Jun 19 j 16:35	22°♊04'05	27°24'29		-4058 May 28 j 13:18	0°♊	
retrograde	-4059 Jul 03 j 07:44	29°♊28'06		desc. node	-4058 Jun 01 j 18:10	4°♊28'04	
evening set	-4059 Jul 10 j 11:17	26°♊46'34		evening max el	-4058 Jun 02 j 00:02	4°♊42'11	27°15'36
min. Earth dist.	-4059 Jul 14 j 02:09	23°♊31'48	0.63769 AU	retrograde	-4058 Jun 15 j 21:39	12°♊05'32	
inferior conj	-4059 Jul 16 j 15:26	20°♊52'13	-3°43'14	evening set	-4058 Jun 22 j 22:43	9°♊44'39	
minimum elong	-4059 Jul 16 j 19:02	20°♊42'48	3°42'20	min. Earth dist.	-4058 Jun 26 j 13:24	6°♊54'15	0.61967 AU
morning rise	-4059 Jul 23 j 03:35	15°♊32'46		inferior conj	-4058 Jun 29 j 15:19	4°♊03'23	-4°10'06
direct	-4059 Jul 25 j 20:05	14°♊56'48		minimum elong	-4058 Jun 29 j 17:41	3°♊57'54	4°09'43
asc. node	-4059 Jul 30 j 08:22	16°♊37'38			-4058 Jul 04 j 16:08	30°♊	
morning max el	-4059 Aug 01 j 08:41	18°♊22'03	17°59'32	morning rise	-4058 Jul 06 j 14:04	29°♊03'56	
	-4059 Aug 09 j 19:48	0°♊		direct	-4058 Jul 09 j 03:52	28°♊35'01	
morning set	-4059 Aug 18 j 12:15	14°♊47'13			-4058 Jul 13 j 12:05	0°♊	
	-4059 Aug 27 j 10:28	0°♊		morning max el	-4058 Jul 15 j 23:02	2°♊00'02	17°58'07
				asc. node	-4058 Jul 17 j 05:26	3°♊19'57	
superior conj	-4059 Aug 31 j 02:19	6°♊03'53	1°04'58	morning set	-4058 Aug 01 j 03:48	27°♊24'30	
minimum elong	-4059 Aug 31 j 08:07	6°♊27'41	1°04'27		-4058 Aug 02 j 14:08	0°♊	
max. Earth dist.	-4059 Sep 05 j 18:31	15°♊15'45	1.43955 AU				
desc. node	-4059 Sep 10 j 20:23	23°♊18'42		superior conj	-4058 Aug 12 j 00:12	16°♊41'40	1°32'51
	-4059 Sep 15 j 03:17	0°♊		minimum elong	-4058 Aug 12 j 04:47	17°♊01'22	1°32'40
evening rise	-4059 Sep 16 j 04:47	1°♊38'42		max. Earth dist.	-4058 Aug 19 j 06:08	28°♊53'01	1.42589 AU
	-4059 Oct 05 j 04:03	0°♊			-4058 Aug 19 j 22:30	0°♊	
evening max el	-4059 Oct 14 j 02:38	11°♊14'06	20°31'34	evening rise	-4058 Aug 26 j 10:58	10°♊27'04	
retrograde	-4059 Oct 22 j 03:08	15°♊57'54		desc. node	-4058 Aug 28 j 17:22	13°♊59'47	
evening set	-4059 Oct 25 j 22:03	14°♊35'07			-4058 Sep 08 j 07:12	0°♊	
asc. node	-4059 Oct 26 j 07:17	14°♊17'24		evening max el	-4058 Sep 26 j 23:26	24°♊39'40	21°43'14
inferior conj	-4059 Oct 31 j 08:25	8°♊28'04	1°40'06	retrograde	-4058 Oct 05 j 23:28	0°♊00'31	
minimum elong	-4059 Oct 31 j 06:15	8°♊35'23	1°39'15		-4058 Oct 05 j 15:50	0°♊	
min. Earth dist.	-4059 Nov 01 j 00:12	7°♊34'42	0.66884 AU		-4058 Oct 06 j 07:03	30°♊	
morning rise	-4059 Nov 05 j 14:17	2°♊13'01		evening set	-4058 Oct 10 j 06:01	28°♊19'55	
	-4059 Nov 09 j 13:05	30°♊		asc. node	-4058 Oct 13 j 04:23	25°♊17'43	
direct	-4059 Nov 11 j 02:55	29°♊48'55		inferior conj	-4058 Oct 15 j 14:04	22°♊05'35	0°49'01
	-4059 Nov 12 j 18:13	0°♊		minimum elong	-4058 Oct 15 j 12:57	22°♊09'26	0°48'34
morning max el	-4059 Nov 22 j 10:36	6°♊33'35	24°33'02	min. Earth dist.	-4058 Oct 15 j 19:07	21°♊48'09	0.67305 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning rise	-4058 Oct 20 j 19:44	15° m 50'17		transit end	-4057 Sep 29 j 23:24	5° m 37'19	
direct	-4058 Oct 25 j 17:12	13° m 46'57		min. Earth dist.	-4057 Sep 29 j 15:33	6° m 04'22	0.67425 AU
morning max el	-4058 Nov 04 j 20:27	19° m 50'07	23°06'40	asc. node	-4057 Sep 30 j 01:30	5° m 30'07	
	-4058 Nov 13 j 10:31	0° a			-4057 Oct 04 j 15:51	30° R 0	
desc. node	-4058 Nov 24 j 17:12	15° a 51'03		morning rise	-4057 Oct 05 j 04:04	29° a 34'11	
	-4058 Dec 03 j 22:07	0° m		direct	-4057 Oct 09 j 11:23	27° a 52'10	
morning set	-4058 Dec 09 j 09:35	8° m 54'16			-4057 Oct 14 j 20:06	0° m	
max. Earth dist.	-4058 Dec 13 j 23:35	16° m 39'53	1.39765 AU	morning max el	-4057 Oct 18 j 10:28	3° m 10'56	21°42'39
	-4058 Dec 21 j 11:15	0° x			-4057 Nov 07 j 12:29	0° a	
				desc. node	-4057 Nov 11 j 14:10	6° a 08'11	
superior conj	-4058 Dec 21 j 15:50	0° x 21'05	-1°54'32	morning set	-4057 Nov 19 j 04:59	17° a 59'20	
minimum elong	-4058 Dec 21 j 16:10	0° x 22'36	1°54'40	max. Earth dist.	-4057 Nov 25 j 23:59	29° a 00'03	1.41758 AU
evening rise	-4058 Dec 31 j 03:40	18° x 18'39			-4057 Nov 26 j 14:26	0° m	
	-4057 Jan 06 j 09:33	0° z					
asc. node	-4057 Jan 09 j 03:20	4° z 43'06		superior conj	-4057 Dec 03 j 13:05	11° m 49'10	-1°49'48
evening max el	-4057 Jan 16 j 10:25	14° z 29'03	18°30'37	minimum elong	-4057 Dec 03 j 10:00	11° m 35'45	1°49'47
retrograde	-4057 Jan 24 j 00:54	18° z 12'10			-4057 Dec 13 j 15:58	0° x	
evening set	-4057 Jan 26 j 13:07	17° z 49'13		evening rise	-4057 Dec 14 j 08:10	1° x 14'18	
inferior conj	-4057 Feb 02 j 23:20	13° z 17'57	3°48'14	asc. node	-4057 Dec 27 j 00:23	22° x 52'58	
minimum elong	-4057 Feb 03 j 02:08	13° z 12'24	3°47'44	evening max el	-4057 Dec 30 j 19:14	27° x 25'38	18°10'34
min. Earth dist.	-4057 Feb 06 j 08:37	10° z 37'33	0.58721 AU		-4056 Jan 03 j 04:18	0° z	
morning rise	-4057 Feb 10 j 12:51	7° z 55'16		retrograde	-4056 Jan 06 j 16:15	0° z 55'11	
direct	-4057 Feb 16 j 16:09	6° z 18'50		evening set	-4056 Jan 09 j 07:32	0° z 25'01	
desc. node	-4057 Feb 20 j 16:33	6° z 59'00			-4056 Jan 10 j 06:32	30° R x	
morning max el	-4057 Mar 02 j 22:24	13° z 51'45	26°36'36	inferior conj	-4056 Jan 16 j 03:40	25° x 32'00	4°03'16
	-4057 Mar 15 j 18:55	0° a		minimum elong	-4056 Jan 16 j 03:39	25° x 32'03	4°03'06
morning set	-4057 Apr 01 j 09:55	0° H 08'59		min. Earth dist.	-4056 Jan 19 j 08:16	22° x 37'12	0.60730 AU
	-4057 Apr 01 j 08:12	0° H		morning rise	-4056 Jan 22 j 22:20	19° x 51'28	
asc. node	-4057 Apr 07 j 02:51	12° H 24'15		direct	-4056 Jan 29 j 18:46	17° x 37'50	
				desc. node	-4056 Feb 07 j 13:38	20° x 50'10	
superior conj	-4057 Apr 08 j 10:45	15° H 18'46	0°13'51	morning max el	-4056 Feb 12 j 21:41	25° x 18'14	27°27'26
minimum elong	-4057 Apr 08 j 10:08	15° H 15'26	0°13'40		-4056 Feb 17 j 06:25	0° z	
behind sun begin	-4057 Apr 08 j 07:38	15° H 01'45			-4056 Mar 08 j 02:06	0° a	
behind sun end	-4057 Apr 08 j 12:38	15° H 29'08		morning set	-4056 Mar 15 j 17:48	14° a 56'49	
max. Earth dist.	-4057 Apr 08 j 13:10	15° H 32'01	1.32605 AU	max. Earth dist.	-4056 Mar 22 j 02:12	28° a 29'04	1.32615 AU
evening rise	-4057 Apr 15 j 11:02	0° Y 24'29					
	-4057 Apr 15 j 06:20	0° Y		superior conj	-4056 Mar 22 j 22:15	0° H 18'26	-0°11'07
	-4057 May 01 j 18:33	0° z		minimum elong	-4056 Mar 22 j 22:45	0° H 21'11	0°11'06
evening max el	-4057 May 15 j 02:11	16° z 40'44	26°33'56	behind sun begin	-4056 Mar 22 j 19:09	0° H 01'28	
desc. node	-4057 May 19 j 15:17	20° z 28'03		behind sun end	-4056 Mar 23 j 02:22	0° H 40'53	
retrograde	-4057 May 29 j 03:53	24° z 00'25			-4056 Mar 22 j 18:53	0° H	
evening set	-4057 Jun 04 j 15:02	22° z 13'15		asc. node	-4056 Mar 23 j 23:49	2° H 38'08	
min. Earth dist.	-4057 Jun 08 j 15:32	19° z 31'39	0.59951 AU	evening rise	-4056 Mar 29 j 21:28	15° H 22'02	
inferior conj	-4057 Jun 12 j 00:20	16° z 48'40	-4°18'24		-4056 Apr 06 j 06:24	0° Y	
minimum elong	-4057 Jun 12 j 00:02	16° z 49'17	4°18'17	evening max el	-4056 Apr 25 j 22:19	27° Y 58'54	25°23'21
morning rise	-4057 Jun 19 j 11:12	12° z 10'36			-4056 Apr 28 j 04:29	0° z	
direct	-4057 Jun 21 j 23:37	11° z 47'08		desc. node	-4056 May 05 j 12:22	4° z 22'40	
morning max el	-4057 Jun 29 j 10:03	15° z 22'46	18°15'54	retrograde	-4056 May 10 j 00:03	5° z 09'52	
asc. node	-4057 Jul 04 j 02:27	21° z 02'11		evening set	-4056 May 15 j 09:44	4° z 01'25	
	-4057 Jul 09 j 14:43	0° II		min. Earth dist.	-4056 May 20 j 10:42	1° z 12'19	0.57962 AU
morning set	-4057 Jul 15 j 10:45	10° II 47'25			-4056 May 22 j 04:34	30° R Y	
				inferior conj	-4056 May 23 j 15:01	28° Y 59'11	-3°58'41
superior conj	-4057 Jul 24 j 23:40	28° II 35'36	1°46'38	minimum elong	-4056 May 23 j 11:12	29° Y 05'55	3°58'05
minimum elong	-4057 Jul 25 j 01:31	28° II 44'02	1°46'44	morning rise	-4056 May 31 j 15:31	24° Y 41'50	
	-4057 Jul 25 j 18:19	0° a		direct	-4056 Jun 03 j 03:15	24° Y 22'43	
max. Earth dist.	-4057 Aug 01 j 11:49	11° a 48'40	1.40814 AU	morning max el	-4056 Jun 11 j 14:52	28° Y 21'45	18°53'47
evening rise	-4057 Aug 06 j 11:00	20° a 06'34			-4056 Jun 13 j 05:21	0° z	
	-4057 Aug 12 j 15:30	0° a		asc. node	-4056 Jun 19 j 23:29	9° z 31'07	
desc. node	-4057 Aug 15 j 14:22	4° a 33'34		morning set	-4056 Jun 28 j 04:57	24° z 45'45	
	-4057 Sep 02 j 14:06	0° m			-4056 Jun 30 j 20:56	0° II	
evening max el	-4057 Sep 09 j 14:41	8° m 05'21	23°02'25				
retrograde	-4057 Sep 19 j 17:14	14° m 04'42		superior conj	-4056 Jul 06 j 19:16	11° II 31'17	1°48'51
evening set	-4057 Sep 24 j 13:23	12° m 04'42		minimum elong	-4056 Jul 06 j 18:45	11° II 28'47	1°49'00
inferior conj	-4057 Sep 29 j 20:42	5° m 46'39	-0°04'07	max. Earth dist.	-4056 Jul 13 j 14:00	24° II 04'06	1.38872 AU
minimum elong	-4057 Sep 29 j 20:47	5° m 46'20	0°04'00		-4056 Jul 16 j 22:49	0° a	
transit middle	-4057 Sep 29 j 20:47	5° m 46'20	0°04'00	evening rise	-4056 Jul 17 j 13:07	1° a 01'45	
transit begin	-4057 Sep 29 j 18:10	5° m 55'21		desc. node	-4056 Aug 01 j 11:21	24° a 55'37	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4056 Aug 04 j 22:41	0°♎				-4055 Jul 30 j 19:56	0°♎	
evening max el	-4056 Aug 22 j 02:27	21°♎33'32	24°22'54	evening max el	-4055 Aug 04 j 13:06	5°♎04'18	25°37'12	
retrograde	-4056 Sep 02 j 07:21	28°♎07'38		retrograde	-4055 Aug 16 j 17:09	12°♎05'16		
evening set	-4056 Sep 07 j 18:24	25°♎48'15		evening set	-4055 Aug 22 j 19:13	9°♎29'09		
min. Earth dist.	-4056 Sep 12 j 11:00	20°♎22'16	0.67245 AU	min. Earth dist.	-4055 Aug 27 j 03:06	4°♎40'09	0.66739 AU	
inferior conj	-4056 Sep 13 j 02:35	19°♎29'50	-0°57'36	inferior conj	-4055 Aug 28 j 06:01	3°♎13'32	-1°49'47	
minimum elong	-4056 Sep 13 j 03:56	19°♎25'18	0°56'55	minimum elong	-4055 Aug 28 j 08:32	3°♎05'27	1°48'39	
asc. node	-4056 Sep 15 j 22:37	15°♎52'49			-4055 Aug 30 j 21:11	30°♎☾		
morning rise	-4056 Sep 18 j 13:25	13°♎23'25		morning rise	-4055 Sep 02 j 21:57	27°♎16'16		
direct	-4056 Sep 22 j 08:17	12°♎01'13		asc. node	-4055 Sep 02 j 19:46	27°♎19'50		
morning max el	-4056 Sep 30 j 07:17	16°♎40'03	20°27'31	direct	-4055 Sep 06 j 06:27	26°♎11'08		
	-4056 Oct 10 j 18:13	0°♎			-4055 Sep 13 j 04:10	0°♎		
morning set	-4056 Oct 28 j 05:01	26°♎14'17		morning max el	-4055 Sep 13 j 11:26	0°♎18'19	19°25'24	
desc. node	-4056 Oct 28 j 11:06	26°♎37'52			-4055 Oct 04 j 06:51	0°♎		
	-4056 Oct 30 j 15:00	0°♎		morning set	-4055 Oct 07 j 07:56	4°♎44'46		
max. Earth dist.	-4056 Nov 07 j 08:21	12°♎14'31	1.43398 AU	desc. node	-4055 Oct 15 j 08:03	17°♎16'01		
				max. Earth dist.	-4055 Oct 20 j 23:00	26°♎07'39	1.44461 AU	
superior conj	-4056 Nov 13 j 08:23	22°♎02'08	-1°29'53		-4055 Oct 23 j 09:32	0°♎		
minimum elong	-4056 Nov 13 j 01:57	21°♎35'33	1°29'23					
	-4056 Nov 18 j 02:26	0°♎		superior conj	-4055 Oct 24 j 00:40	1°♎00'15	-0°53'20	
evening rise	-4056 Nov 25 j 20:47	13°♎23'46		minimum elong	-4055 Oct 23 j 18:32	0°♎35'47	0°52'35	
	-4056 Dec 05 j 12:58	0°♎		evening rise	-4055 Nov 07 j 12:51	24°♎37'53		
asc. node	-4056 Dec 12 j 21:28	10°♎12'12			-4055 Nov 10 j 18:17	0°♎		
evening max el	-4056 Dec 13 j 07:20	10°♎37'40	18°10'00	evening max el	-4055 Nov 26 j 19:55	23°♎58'49	18°28'08	
retrograde	-4056 Dec 19 j 20:54	14°♎06'37		asc. node	-4055 Nov 29 j 18:36	26°♎26'41		
evening set	-4056 Dec 22 j 15:24	13°♎28'19		retrograde	-4055 Dec 03 j 10:30	27°♎37'56		
inferior conj	-4056 Dec 29 j 00:15	8°♎14'14	3°54'15	evening set	-4055 Dec 06 j 09:16	26°♎50'09		
minimum elong	-4056 Dec 28 j 22:12	8°♎19'34	3°53'52	inferior conj	-4055 Dec 12 j 09:19	21°♎17'21	3°28'47	
min. Earth dist.	-4056 Dec 31 j 16:30	5°♎27'25	0.62641 AU	minimum elong	-4055 Dec 12 j 06:17	21°♎26'05	3°28'01	
morning rise	-4055 Jan 04 j 04:12	2°♎20'53		min. Earth dist.	-4055 Dec 14 j 10:54	18°♎54'14	0.64277 AU	
	-4055 Jan 08 j 19:14	30°♎♎		morning rise	-4055 Dec 18 j 02:50	15°♎14'30		
direct	-4055 Jan 11 j 05:59	29°♎41'20		direct	-4055 Dec 25 j 00:28	12°♎23'48		
	-4055 Jan 13 j 18:40	0°♎		morning max el	-4054 Jan 07 j 11:52	20°♎05'33	27°22'18	
desc. node	-4055 Jan 24 j 10:42	6°♎45'44		desc. node	-4054 Jan 11 j 07:45	24°♎11'23		
morning max el	-4055 Jan 25 j 02:55	7°♎24'57	27°42'34		-4054 Jan 16 j 01:43	0°♎		
	-4055 Feb 11 j 11:18	0°♎			-4054 Feb 04 j 11:07	0°♎		
morning set	-4055 Feb 27 j 20:25	29°♎25'08		morning set	-4054 Feb 11 j 15:01	13°♎25'08		
	-4055 Feb 28 j 03:18	0°♎		max. Earth dist.	-4054 Feb 16 j 13:02	23°♎20'54	1.33751 AU	
max. Earth dist.	-4055 Mar 05 j 11:28	11°♎09'30	1.32984 AU					
superior conj	-4055 Mar 07 j 07:56	15°♎08'40	-0°36'09	superior conj	-4054 Feb 19 j 14:00	29°♎43'27	-1°00'14	
minimum elong	-4055 Mar 07 j 09:33	15°♎17'21	0°35'57	minimum elong	-4054 Feb 19 j 16:32	29°♎56'56	0°59'57	
asc. node	-4055 Mar 10 j 20:48	22°♎48'15			-4054 Feb 19 j 17:07	0°♎		
evening rise	-4055 Mar 14 j 09:05	0°♎18'56		asc. node	-4054 Feb 25 j 17:49	12°♎50'28		
	-4055 Mar 14 j 05:30	0°♎		evening rise	-4054 Feb 26 j 20:11	15°♎09'02		
	-4055 Mar 31 j 02:16	0°♎			-4054 Mar 06 j 09:11	0°♎		
evening max el	-4055 Apr 07 j 14:22	8°♎47'02	23°53'59	evening max el	-4054 Mar 20 j 08:03	19°♎30'54	22°19'50	
retrograde	-4055 Apr 21 j 08:01	15°♎38'51		retrograde	-4054 Apr 02 j 04:09	25°♎46'15		
desc. node	-4055 Apr 22 j 09:29	15°♎36'18		evening set	-4054 Apr 05 j 02:33	25°♎27'16		
evening set	-4055 Apr 25 j 09:46	15°♎02'08		desc. node	-4054 Apr 09 j 06:38	24°♎02'10		
min. Earth dist.	-4055 May 02 j 01:51	11°♎52'25	0.56309 AU	min. Earth dist.	-4054 Apr 13 j 15:54	21°♎44'27	0.55325 AU	
inferior conj	-4055 May 04 j 09:32	10°♎27'12	-3°01'12	inferior conj	-4054 Apr 14 j 11:07	21°♎17'12	-1°24'56	
minimum elong	-4055 May 04 j 03:36	10°♎36'19	2°59'42	minimum elong	-4054 Apr 14 j 07:19	21°♎22'35	1°23'43	
morning rise	-4055 May 13 j 00:24	6°♎25'58		morning rise	-4054 Apr 23 j 13:44	17°♎19'41		
direct	-4055 May 15 j 12:02	6°♎09'59		direct	-4054 Apr 26 j 04:40	17°♎04'00		
morning max el	-4055 May 25 j 10:48	10°♎47'02	19°52'13	morning max el	-4054 May 07 j 20:08	22°♎31'54	21°10'03	
asc. node	-4055 Jun 06 j 20:31	28°♎35'02			-4054 May 14 j 05:17	0°♎		
	-4055 Jun 07 j 14:43	0°♎		asc. node	-4054 May 24 j 17:31	18°♎05'02		
morning set	-4055 Jun 12 j 07:03	9°♎10'23		morning set	-4054 May 27 j 14:30	23°♎53'53		
					-4054 May 30 j 13:02	0°♎		
superior conj	-4055 Jun 20 j 05:35	25°♎13'15	1°42'19	superior conj	-4054 Jun 04 j 02:16	9°♎28'38	1°29'24	
minimum elong	-4055 Jun 20 j 03:34	25°♎03'14	1°42'20	minimum elong	-4054 Jun 03 j 23:38	9°♎15'00	1°29'13	
	-4055 Jun 22 j 15:46	0°♎		max. Earth dist.	-4054 Jun 08 j 03:46	17°♎43'18	1.35397 AU	
max. Earth dist.	-4055 Jun 25 j 17:27	5°♎53'50	1.37002 AU	evening rise	-4054 Jun 12 j 13:22	26°♎16'17		
evening rise	-4055 Jun 29 j 15:37	13°♎09'29			-4054 Jun 14 j 13:14	0°♎		
	-4055 Jul 09 j 11:54	0°♎			-4054 Jul 02 j 21:06	0°♎		
desc. node	-4055 Jul 19 j 08:22	15°♎00'18		desc. node	-4054 Jul 06 j 05:26	4°♎39'32		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-4054 Jul 18 j 00:07	18° ☿ 33'37	26°37'15	evening rise	-4053 May 27 j 01:16	10° ♄ 07'45	
retrograde	-4054 Jul 30 j 22:14	25° ☿ 51'00			-4053 Jun 06 j 22:53	0° ♄	
evening set	-4054 Aug 06 j 13:33	23° ☿ 04'26		desc. node	-4053 Jun 23 j 02:31	23° ♄ 42'39	
min. Earth dist.	-4054 Aug 10 j 13:30	18° ☿ 53'46	0.65881 AU		-4053 Jun 28 j 14:09	0° ☿	
inferior conj	-4054 Aug 12 j 05:00	16° ☿ 54'36	-2°38'46	evening max el	-4053 Jun 30 j 11:27	1° ☿ 53'44	27°15'16
minimum elong	-4054 Aug 12 j 08:25	16° ☿ 44'18	2°37'28	retrograde	-4053 Jul 13 j 22:00	9° ☿ 17'33	
morning rise	-4054 Aug 18 j 03:36	11° ☿ 09'32		evening set	-4053 Jul 20 j 22:42	6° ☿ 30'40	
asc. node	-4054 Aug 20 j 16:54	10° ☿ 19'24		min. Earth dist.	-4053 Jul 24 j 16:08	2° ☿ 56'47	0.64647 AU
direct	-4054 Aug 21 j 04:02	10° ☿ 18'11		inferior conj	-4053 Jul 26 j 21:19	0° ☿ 29'38	-3°22'07
morning max el	-4054 Aug 27 j 21:31	14° ☿ 02'36	18°38'35	minimum elong	-4053 Jul 27 j 01:05	0° ☿ 19'09	3°20'59
	-4054 Sep 08 j 09:55	0° ♄			-4053 Jul 27 j 08:02	30° ♄	
morning set	-4054 Sep 17 j 08:49	14° ♄ 21'23		morning rise	-4053 Aug 02 j 04:05	24° ♄ 59'45	
	-4054 Sep 27 j 03:49	0° ♄		direct	-4053 Aug 04 j 22:47	24° ♄ 19'00	
desc. node	-4054 Oct 02 j 04:59	7° ♄ 58'42		asc. node	-4053 Aug 07 j 13:58	24° ♄ 55'20	
				morning max el	-4053 Aug 11 j 11:17	27° ♄ 49'04	18°08'37
superior conj	-4054 Oct 03 j 00:46	9° ♄ 16'43	-0°05'15		-4053 Aug 13 j 10:21	0° ☿	
minimum elong	-4054 Oct 03 j 00:05	9° ♄ 14'01	0°05'05	morning set	-4053 Aug 29 j 13:15	25° ☿ 17'56	
behind sun begin	-4054 Oct 02 j 13:10	8° ♄ 30'59			-4053 Sep 01 j 08:32	0° ♄	
behind sun end	-4054 Oct 03 j 11:00	9° ♄ 57'03		superior conj	-4053 Sep 12 j 06:58	17° ♄ 55'32	0°42'18
max. Earth dist.	-4054 Oct 03 j 16:31	10° ♄ 18'44	1.44830 AU	minimum elong	-4053 Sep 12 j 11:42	18° ♄ 14'30	0°41'50
	-4054 Oct 16 j 03:54	0° ♄		max. Earth dist.	-4053 Sep 16 j 09:58	24° ♄ 30'33	1.44477 AU
evening rise	-4054 Oct 19 j 04:22	4° ♄ 47'45		desc. node	-4053 Sep 19 j 01:57	28° ♄ 43'21	
	-4054 Nov 04 j 09:13	0° ♄			-4053 Sep 19 j 21:25	0° ♄	
evening max el	-4054 Nov 10 j 06:25	7° ♄ 23'53	19°03'53	evening rise	-4053 Sep 28 j 20:25	13° ♄ 58'16	
asc. node	-4054 Nov 16 j 15:45	11° ♄ 20'14			-4053 Oct 09 j 06:46	0° ♄	
retrograde	-4054 Nov 17 j 05:11	11° ♄ 22'00		greatest brilliancy	-4053 Oct 12 j 00:49	4° ♄ 08'40	-0.7m
evening set	-4054 Nov 20 j 10:03	10° ♄ 22'44		evening max el	-4053 Oct 24 j 12:42	20° ♄ 50'26	19°55'35
inferior conj	-4054 Nov 26 j 03:23	4° ♄ 34'16	2°52'08	retrograde	-4053 Nov 01 j 02:06	25° ♄ 15'21	
minimum elong	-4054 Nov 26 j 00:14	4° ♄ 44'04	2°51'07	asc. node	-4053 Nov 03 j 12:52	24° ♄ 40'31	
min. Earth dist.	-4054 Nov 27 j 14:47	2° ♄ 43'34	0.65567 AU	evening set	-4053 Nov 04 j 15:14	24° ♄ 01'59	
	-4054 Nov 29 j 22:59	30° ♄		inferior conj	-4053 Nov 10 j 03:40	18° ♄ 00'59	2°07'56
morning rise	-4054 Dec 01 j 14:07	28° ♄ 24'38		minimum elong	-4053 Nov 10 j 01:02	18° ♄ 09'42	2°06'56
direct	-4054 Dec 08 j 01:25	25° ♄ 36'35		min. Earth dist.	-4053 Nov 11 j 02:15	16° ♄ 46'19	0.66506 AU
	-4054 Dec 17 j 12:07	0° ♄		morning rise	-4053 Nov 15 j 10:37	11° ♄ 47'13	
morning max el	-4054 Dec 20 j 21:38	3° ♄ 06'41	26°32'04	direct	-4053 Nov 21 j 08:06	9° ♄ 12'13	
desc. node	-4054 Dec 29 j 04:47	12° ♄ 40'07		morning max el	-4053 Dec 03 j 06:31	16° ♄ 16'57	25°20'12
	-4053 Jan 10 j 08:37	0° ♄			-4053 Dec 14 j 16:33	0° ♄	
morning set	-4053 Jan 25 j 21:55	26° ♄ 44'57		desc. node	-4053 Dec 16 j 01:47	1° ♄ 53'30	
	-4053 Jan 27 j 14:49	0° ♄			-4052 Jan 03 j 06:43	0° ♄	
max. Earth dist.	-4053 Jan 30 j 03:25	4° ♄ 55'58	1.34952 AU	morning set	-4052 Jan 08 j 12:10	9° ♄ 09'51	
				max. Earth dist.	-4052 Jan 12 j 06:11	16° ♄ 03'54	1.36595 AU
superior conj	-4053 Feb 03 j 14:11	13° ♄ 55'43	-1°22'08	superior conj	-4052 Jan 18 j 05:40	27° ♄ 36'52	-1°40'07
minimum elong	-4053 Feb 03 j 17:17	14° ♄ 11'39	1°21'53	minimum elong	-4052 Jan 18 j 08:37	27° ♄ 51'28	1°40'01
evening rise	-4053 Feb 11 j 04:52	29° ♄ 45'57			-4052 Jan 19 j 10:25	0° ♄	
	-4053 Feb 11 j 07:36	0° ♄		evening rise	-4052 Jan 26 j 09:08	14° ♄ 03'21	
asc. node	-4053 Feb 12 j 14:52	2° ♄ 40'06		asc. node	-4052 Jan 30 j 11:54	22° ♄ 11'28	
	-4053 Mar 01 j 18:15	0° ♄			-4052 Feb 03 j 18:51	0° ♄	
evening max el	-4053 Mar 02 j 09:29	0° ♄ 37'11	20°53'35	evening max el	-4052 Feb 12 j 21:23	12° ♄ 18'01	19°42'52
retrograde	-4053 Mar 13 j 17:54	6° ♄ 01'47		retrograde	-4052 Feb 22 j 13:01	16° ♄ 52'38	
evening set	-4053 Mar 16 j 02:52	5° ♄ 48'29		evening set	-4052 Feb 24 j 20:43	16° ♄ 37'58	
inferior conj	-4053 Mar 25 j 06:27	1° ♄ 50'31	0°31'19	inferior conj	-4052 Mar 04 j 09:33	12° ♄ 34'56	2°15'24
minimum elong	-4053 Mar 25 j 07:52	1° ♄ 48'28	0°30'45	minimum elong	-4052 Mar 04 j 14:23	12° ♄ 27'18	2°13'52
min. Earth dist.	-4053 Mar 26 j 06:12	1° ♄ 16'29	0.55242 AU	min. Earth dist.	-4052 Mar 06 j 20:42	11° ♄ 02'08	0.56081 AU
desc. node	-4053 Mar 27 j 03:46	0° ♄ 45'58		morning rise	-4052 Mar 13 j 05:35	7° ♄ 55'24	
	-4053 Mar 28 j 13:27	30° ♄		desc. node	-4052 Mar 13 j 00:54	7° ♄ 59'08	
morning rise	-4053 Apr 03 j 12:00	27° ♄ 38'28		direct	-4052 Mar 17 j 12:23	7° ♄ 14'18	
direct	-4053 Apr 06 j 16:42	27° ♄ 16'11		morning max el	-4052 Mar 31 j 11:05	14° ♄ 15'14	24°22'06
	-4053 Apr 15 j 05:19	0° ♄			-4052 Apr 12 j 18:17	0° ♄	
morning max el	-4053 Apr 19 j 19:06	3° ♄ 37'04	22°43'00	morning set	-4052 Apr 25 j 13:22	23° ♄ 51'55	
	-4053 May 07 j 16:24	0° ♄		asc. node	-4052 Apr 27 j 11:28	27° ♄ 56'17	
asc. node	-4053 May 11 j 14:31	7° ♄ 54'16			-4052 Apr 28 j 10:32	0° ♄	
morning set	-4053 May 12 j 01:14	8° ♄ 50'03		superior conj	-4052 May 02 j 14:26	9° ♄ 00'16	0°51'00
				minimum elong	-4052 May 02 j 12:22	8° ♄ 49'07	0°50'38
superior conj	-4053 May 19 j 06:05	24° ♄ 07'25	1°11'52	max. Earth dist.	-4052 May 04 j 05:24	12° ♄ 30'06	1.33281 AU
minimum elong	-4053 May 19 j 03:30	23° ♄ 53'38	1°11'32				
max. Earth dist.	-4053 May 22 j 00:05	29° ♄ 54'06	1.34153 AU				
	-4053 May 22 j 01:13	0° ♄					

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening rise	-4052 May 09 j 23:06	24° Υ 29'49		evening rise	-4051 Apr 24 j 03:41	9° Υ 12'08	
	-4052 May 12 j 17:35	0° \mathcal{B}			-4051 May 05 j 02:38	0° \mathcal{B}	
	-4052 May 30 j 13:06	0° Π		evening max el	-4051 May 25 j 02:49	27° \mathcal{B} 13'41	27°01'44
desc. node	-4052 Jun 08 j 23:37	11° Π 53'12		desc. node	-4051 May 26 j 20:41	28° \mathcal{B} 49'08	
evening max el	-4052 Jun 11 j 21:14	14° Π 51'17	27°24'46		-4051 May 28 j 06:56	0° Π	
retrograde	-4052 Jun 25 j 15:36	22° Π 14'56		retrograde	-4051 Jun 08 j 02:04	4° Π 34'47	
evening set	-4052 Jul 02 j 19:10	19° Π 40'49		evening set	-4051 Jun 14 j 22:53	2° Π 27'03	
min. Earth dist.	-4052 Jul 06 j 09:15	16° Π 37'38	0.63042 AU		-4051 Jun 18 j 07:54	30° \mathcal{R} \mathcal{B}	
inferior conj	-4052 Jul 09 j 04:07	13° Π 51'35	-3°56'26	min. Earth dist.	-4051 Jun 18 j 16:19	29° \mathcal{B} 42'32	0.61135 AU
minimum elong	-4052 Jul 09 j 07:22	13° Π 43'30	3°55'45	inferior conj	-4051 Jun 21 j 22:07	26° \mathcal{B} 52'41	-4°16'25
morning rise	-4052 Jul 15 j 20:34	8° Π 40'00		minimum elong	-4051 Jun 21 j 23:31	26° \mathcal{B} 49'36	4°16'11
direct	-4052 Jul 18 j 11:43	8° Π 07'13		morning rise	-4051 Jun 29 j 01:49	22° \mathcal{B} 02'03	
asc. node	-4052 Jul 24 j 11:00	10° Π 55'30		direct	-4051 Jul 01 j 15:04	21° \mathcal{B} 35'26	
morning max el	-4052 Jul 25 j 02:07	11° Π 31'20	17°56'32	morning max el	-4051 Jul 08 j 15:20	25° \mathcal{B} 03'13	18°03'14
	-4052 Aug 06 j 12:50	0° \mathcal{E}		asc. node	-4051 Jul 11 j 08:02	28° \mathcal{B} 04'37	
morning set	-4052 Aug 10 j 17:35	7° \mathcal{E} 22'52			-4051 Jul 12 j 18:35	0° Π	
				morning set	-4051 Jul 24 j 16:15	20° Π 20'54	
superior conj	-4052 Aug 22 j 12:42	27° \mathcal{E} 44'45	1°18'37		-4051 Jul 29 j 22:19	0° \mathcal{E}	
minimum elong	-4052 Aug 22 j 18:21	28° \mathcal{E} 08'22	1°18'13	superior conj	-4051 Aug 03 j 21:59	8° \mathcal{E} 56'02	1°40'19
	-4052 Aug 23 j 21:08	0° Ω		minimum elong	-4051 Aug 04 j 01:27	9° \mathcal{E} 11'16	1°40'16
max. Earth dist.	-4052 Aug 29 j 00:44	8° Ω 26'17	1.43447 AU	max. Earth dist.	-4051 Aug 11 j 10:24	21° \mathcal{E} 48'56	1.41878 AU
desc. node	-4052 Sep 04 j 22:55	19° Ω 26'34			-4051 Aug 16 j 10:23	0° Ω	
evening rise	-4052 Sep 07 j 00:34	22° Ω 39'58		evening rise	-4051 Aug 17 j 12:30	1° Ω 44'40	
	-4052 Sep 11 j 19:02	0° \mathcal{M}		desc. node	-4051 Aug 22 j 19:53	10° Ω 04'46	
	-4052 Oct 02 j 18:45	0° $\underline{\mathcal{A}}$			-4051 Sep 05 j 06:51	0° \mathcal{M}	
evening max el	-4052 Oct 06 j 13:13	4° $\underline{\mathcal{A}}$ 16'50	21°00'53	evening max el	-4051 Sep 19 j 07:30	17° \mathcal{M} 42'03	22°16'19
retrograde	-4052 Oct 14 j 23:03	9° $\underline{\mathcal{A}}$ 15'20		retrograde	-4051 Sep 28 j 18:22	23° \mathcal{M} 18'58	
evening set	-4052 Oct 18 j 22:43	7° $\underline{\mathcal{A}}$ 45'13		evening set	-4051 Oct 03 j 06:38	21° \mathcal{M} 29'58	
asc. node	-4052 Oct 20 j 09:58	6° $\underline{\mathcal{A}}$ 26'42		asc. node	-4051 Oct 07 j 07:04	17° \mathcal{M} 00'06	
inferior conj	-4052 Oct 24 j 07:56	1° $\underline{\mathcal{A}}$ 34'54	1°18'46	inferior conj	-4051 Oct 08 j 14:11	15° \mathcal{M} 13'39	0°26'35
minimum elong	-4052 Oct 24 j 06:11	1° $\underline{\mathcal{A}}$ 40'53	1°18'04	minimum elong	-4051 Oct 08 j 13:34	15° \mathcal{M} 15'47	0°26'23
min. Earth dist.	-4052 Oct 24 j 19:04	0° $\underline{\mathcal{A}}$ 56'51	0.67107 AU	min. Earth dist.	-4051 Oct 08 j 14:47	15° \mathcal{M} 11'32	0.67396 AU
	-4052 Oct 25 j 11:50	30° \mathcal{R} \mathcal{M}		morning rise	-4051 Oct 13 j 20:22	8° \mathcal{M} 59'29	
morning rise	-4052 Oct 29 j 13:28	25° \mathcal{M} 19'35		direct	-4051 Oct 18 j 11:38	7° \mathcal{M} 05'27	
direct	-4052 Nov 03 j 19:43	23° \mathcal{M} 03'57		morning max el	-4051 Oct 28 j 02:33	12° \mathcal{M} 49'06	22°30'15
morning max el	-4052 Nov 14 j 15:14	29° \mathcal{M} 31'05	23°56'29		-4051 Nov 10 j 18:05	0° $\underline{\mathcal{A}}$	
	-4052 Nov 15 j 02:33	0° $\underline{\mathcal{A}}$		desc. node	-4051 Nov 18 j 19:43	11° $\underline{\mathcal{A}}$ 46'01	
desc. node	-4052 Dec 01 j 22:46	21° $\underline{\mathcal{A}}$ 38'42			-4051 Nov 30 j 11:49	0° \mathcal{M}	
	-4052 Dec 07 j 13:16	0° \mathcal{M}		morning set	-4051 Nov 30 j 15:23	0° \mathcal{M} 14'30	
morning set	-4052 Dec 20 j 03:46	20° \mathcal{M} 23'47		max. Earth dist.	-4051 Dec 06 j 00:10	9° \mathcal{M} 08'51	1.40642 AU
max. Earth dist.	-4052 Dec 24 j 02:34	27° \mathcal{M} 17'09	1.38571 AU				
	-4052 Dec 25 j 14:59	0° \mathcal{X}		superior conj	-4051 Dec 13 j 18:25	22° \mathcal{M} 41'49	-1°54'09
superior conj	-4052 Dec 31 j 08:43	10° \mathcal{X} 36'46	-1°51'49	minimum elong	-4051 Dec 13 j 17:26	22° \mathcal{M} 37'22	1°54'17
minimum elong	-4052 Dec 31 j 10:25	10° \mathcal{X} 44'48	1°51'55		-4051 Dec 17 j 18:29	0° \mathcal{X}	
evening rise	-4051 Jan 09 j 06:37	27° \mathcal{X} 55'02		evening rise	-4051 Dec 23 j 18:21	11° \mathcal{X} 13'15	
	-4051 Jan 10 j 08:13	0° \mathcal{B}		asc. node	-4050 Jan 03 j 06:00	29° \mathcal{X} 51'17	
asc. node	-4051 Jan 16 j 08:57	11° \mathcal{B} 18'06			-4050 Jan 03 j 08:16	0° \mathcal{B}	
evening max el	-4051 Jan 25 j 19:12	24° \mathcal{B} 33'25	18°51'12	evening max el	-4050 Jan 09 j 00:42	7° \mathcal{B} 16'25	18°19'36
retrograde	-4051 Feb 03 j 00:28	28° \mathcal{B} 30'58		retrograde	-4050 Jan 16 j 06:31	10° \mathcal{B} 52'23	
evening set	-4051 Feb 05 j 11:00	28° \mathcal{B} 11'28		evening set	-4050 Jan 18 j 20:01	10° \mathcal{B} 26'29	
inferior conj	-4051 Feb 13 j 06:29	23° \mathcal{B} 51'39	3°25'09	inferior conj	-4050 Jan 25 j 23:51	5° \mathcal{B} 45'42	3°58'06
minimum elong	-4051 Feb 13 j 10:43	23° \mathcal{B} 43'54	3°24'12	minimum elong	-4050 Jan 26 j 01:24	5° \mathcal{B} 42'23	3°57'50
min. Earth dist.	-4051 Feb 16 j 12:26	21° \mathcal{B} 30'48	0.57632 AU	min. Earth dist.	-4050 Jan 29 j 08:16	2° \mathcal{B} 56'24	0.59569 AU
morning rise	-4051 Feb 21 j 07:56	18° \mathcal{B} 43'09		morning rise	-4050 Feb 02 j 04:54	0° \mathcal{B} 14'26	
direct	-4051 Feb 26 j 20:28	17° \mathcal{B} 29'34			-4050 Feb 02 j 15:22	30° \mathcal{R} \mathcal{X}	
desc. node	-4051 Feb 27 j 22:00	17° \mathcal{B} 32'19		direct	-4050 Feb 08 j 16:43	28° \mathcal{X} 21'43	
morning max el	-4051 Mar 13 j 02:20	24° \mathcal{B} 53'38	25°53'33	desc. node	-4050 Feb 14 j 19:05	29° \mathcal{X} 54'31	
	-4051 Mar 17 j 19:26	0° \approx			-4050 Feb 14 j 23:31	0° \mathcal{B}	
	-4051 Apr 05 j 16:14	0° \mathcal{H}		morning max el	-4050 Feb 22 j 22:13	5° \mathcal{B} 58'19	27°02'28
morning set	-4051 Apr 10 j 01:15	8° \mathcal{H} 53'35			-4050 Mar 12 j 19:39	0° \approx	
asc. node	-4051 Apr 14 j 08:27	18° \mathcal{H} 06'27		morning set	-4050 Mar 25 j 11:07	23° \approx 48'05	
					-4050 Mar 28 j 09:26	0° \mathcal{H}	
superior conj	-4051 Apr 17 j 01:21	24° \mathcal{H} 00'33	0°27'52	asc. node	-4050 Apr 01 j 05:27	8° \mathcal{H} 19'47	
minimum elong	-4051 Apr 17 j 00:09	23° \mathcal{H} 53'59	0°27'35	superior conj	-4050 Apr 01 j 13:05	9° \mathcal{H} 01'37	0°03'20
max. Earth dist.	-4051 Apr 17 j 16:45	25° \mathcal{H} 24'39	1.32759 AU	minimum elong	-4050 Apr 01 j 12:56	9° \mathcal{H} 00'48	0°03'14
	-4051 Apr 19 j 19:27	0° Υ					

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

behind sun begin	-4050 Apr 01 j 08:01	8° X 33'55		minimum elong	-4049 Mar 17 j 01:00	24° \approx 02'54	0°21'42
behind sun end	-4050 Apr 01 j 17:51	9° X 27'41		asc. node	-4049 Mar 19 j 02:27	28° \approx 32'18	
max. Earth dist.	-4050 Apr 01 j 06:14	8° X 24'05	1.32566 AU		-4049 Mar 19 j 18:34	0° X	
evening rise	-4050 Apr 08 j 12:33	24° X 05'34		evening rise	-4049 Mar 23 j 23:42	9° X 02'57	
	-4050 Apr 11 j 09:34	0° Y			-4049 Apr 03 j 22:09	0° Y	
	-4050 Apr 29 j 07:36	0° Z		evening max el	-4049 Apr 18 j 19:51	19° Y 55'29	24°46'51
evening max el	-4050 May 07 j 02:10	8° Z 53'31	26°06'55	desc. node	-4049 Apr 30 j 14:54	26° Y 49'43	
desc. node	-4050 May 13 j 17:46	14° Z 00'17		retrograde	-4049 May 02 j 19:57	27° Y 01'04	
retrograde	-4050 May 21 j 04:15	16° Z 10'38		evening set	-4049 May 07 j 16:04	26° Y 07'39	
evening set	-4050 May 27 j 06:08	14° Z 39'37		min. Earth dist.	-4049 May 13 j 08:02	23° Y 10'59	0.57185 AU
min. Earth dist.	-4050 May 31 j 14:51	11° Z 57'02	0.59087 AU	inferior conj	-4049 May 16 j 05:46	21° Y 16'13	-3°39'20
inferior conj	-4050 Jun 03 j 23:42	9° Z 23'53	-4°14'07	minimum elong	-4049 May 16 j 00:41	21° Y 24'39	3°38'20
minimum elong	-4050 Jun 03 j 21:55	9° Z 27'17	4°13'53	morning rise	-4049 May 24 j 12:26	17° Y 06'55	
morning rise	-4050 Jun 11 j 16:15	4° Z 55'16		direct	-4049 May 26 j 23:46	16° Y 49'30	
direct	-4050 Jun 14 j 04:24	4° Z 33'46		morning max el	-4049 Jun 05 j 01:34	21° Y 03'12	19°16'15
morning max el	-4050 Jun 22 j 00:08	8° Z 17'12	18°29'35		-4049 Jun 12 j 03:36	0° Z	
asc. node	-4050 Jun 28 j 05:04	16° Z 08'10		asc. node	-4049 Jun 15 j 02:07	4° Z 53'02	
	-4050 Jul 06 j 02:11	0° I		morning set	-4049 Jun 22 j 02:23	18° Z 10'22	
morning set	-4050 Jul 08 j 04:28	4° I 00'08			-4049 Jun 28 j 00:59	0° I	
superior conj	-4050 Jul 17 j 06:48	21° I 18'49	1°48'49	superior conj	-4049 Jun 30 j 09:18	4° I 36'04	1°46'59
minimum elong	-4050 Jul 17 j 07:34	21° I 22'19	1°48'58	minimum elong	-4049 Jun 30 j 08:02	4° I 29'54	1°47'06
	-4050 Jul 22 j 01:30	0° B		max. Earth dist.	-4049 Jul 06 j 15:40	16° I 26'38	1.38047 AU
max. Earth dist.	-4050 Jul 24 j 14:12	4° B 27'01	1.39990 AU	evening rise	-4049 Jul 10 j 12:23	23° I 22'47	
evening rise	-4050 Jul 28 j 23:21	11° B 55'14			-4049 Jul 14 j 08:35	0° B	
	-4050 Aug 09 j 07:49	0° C		desc. node	-4049 Jul 27 j 13:51	20° B 49'42	
desc. node	-4050 Aug 09 j 16:51	0° C 34'16			-4049 Aug 03 j 02:01	0° C	
	-4050 Aug 31 j 18:17	0° D		evening max el	-4049 Aug 15 j 07:45	14° C 37'22	24°55'44
evening max el	-4050 Sep 01 j 20:48	1° D 08'10	23°36'50	retrograde	-4049 Aug 26 j 23:23	21° C 24'50	
retrograde	-4050 Sep 12 j 10:50	7° D 23'35		evening set	-4049 Sep 01 j 16:45	18° C 57'54	
evening set	-4050 Sep 17 j 13:16	5° D 14'59		min. Earth dist.	-4049 Sep 06 j 05:33	13° C 47'09	0.67068 AU
	-4050 Sep 22 j 02:01	30° R 00		inferior conj	-4049 Sep 07 j 01:49	12° C 40'02	-1°20'00
inferior conj	-4050 Sep 22 j 20:43	28° C 56'07	-0°26'52	minimum elong	-4049 Sep 07 j 03:40	12° C 33'52	1°19'06
minimum elong	-4050 Sep 22 j 21:21	28° C 53'59	0°26'30	asc. node	-4049 Sep 11 j 01:19	7° C 54'34	
min. Earth dist.	-4050 Sep 22 j 11:07	29° C 28'58	0.67384 AU	morning rise	-4049 Sep 12 j 14:37	6° C 36'53	
asc. node	-4050 Sep 24 j 04:11	27° C 09'49		direct	-4049 Sep 16 j 04:43	5° C 22'23	
morning rise	-4050 Sep 28 j 05:22	22° C 45'54		morning max el	-4049 Sep 23 j 19:25	9° C 47'08	19°59'14
direct	-4050 Oct 02 j 07:02	21° C 12'51			-4049 Oct 08 j 18:48	0° D	
morning max el	-4050 Oct 10 j 19:26	26° C 14'05	21°09'19	morning set	-4049 Oct 19 j 22:43	17° D 04'53	
	-4050 Oct 14 j 04:15	0° E		desc. node	-4049 Oct 23 j 13:38	22° D 42'49	
	-4050 Nov 04 j 06:58	0° F			-4049 Oct 28 j 05:01	0° F	
desc. node	-4050 Nov 05 j 16:41	2° F 09'13		max. Earth dist.	-4049 Oct 31 j 14:32	5° F 23'24	1.43929 AU
morning set	-4050 Nov 10 j 00:33	8° F 52'20		superior conj	-4049 Nov 05 j 12:33	13° F 18'25	-1°16'18
max. Earth dist.	-4050 Nov 18 j 03:49	21° F 52'47	1.42514 AU	minimum elong	-4049 Nov 05 j 05:35	12° F 50'06	1°15'37
	-4050 Nov 23 j 01:26	0° G			-4049 Nov 15 j 13:54	0° G	
superior conj	-4050 Nov 25 j 05:08	3° G 38'46	-1°43'23	evening rise	-4049 Nov 18 j 21:06	5° G 37'10	
minimum elong	-4050 Nov 25 j 00:27	3° G 18'50	1°43'10		-4049 Dec 03 j 22:20	0° H	
evening rise	-4050 Dec 06 j 16:41	23° G 50'30		evening max el	-4049 Dec 06 j 23:53	3° H 36'54	18°15'33
	-4050 Dec 10 j 03:00	0° I		asc. node	-4049 Dec 08 j 00:10	4° H 34'43	
asc. node	-4050 Dec 21 j 03:05	17° H 41'04		retrograde	-4049 Dec 13 j 12:57	7° H 08'50	
evening max el	-4050 Dec 23 j 11:12	20° H 20'00	18°07'56	evening set	-4049 Dec 16 j 09:05	6° H 26'47	
retrograde	-4050 Dec 30 j 04:08	23° H 48'08		inferior conj	-4049 Dec 22 j 13:56	1° H 04'44	3°45'05
evening set	-4049 Jan 01 j 20:33	23° H 14'48		minimum elong	-4049 Dec 22 j 11:21	1° H 11'47	3°44'32
inferior conj	-4049 Jan 08 j 11:35	18° H 12'42	4°01'51		-4049 Dec 23 j 13:31	30° R 00	
minimum elong	-4049 Jan 08 j 10:35	18° H 15'09	4°01'38	min. Earth dist.	-4049 Dec 25 j 00:10	28° G 26'12	0.63380 AU
min. Earth dist.	-4049 Jan 11 j 11:33	15° H 18'35	0.61569 AU	morning rise	-4049 Dec 28 j 12:57	25° G 07'03	
morning rise	-4049 Jan 14 j 23:24	12° H 25'51		direct	-4048 Jan 04 j 14:05	22° G 20'30	
direct	-4049 Jan 21 j 23:19	9° H 59'17			-4048 Jan 18 j 05:31	0° I	
desc. node	-4049 Feb 01 j 16:11	14° H 42'42		morning max el	-4048 Jan 18 j 07:24	0° I 04'39	27°37'57
morning max el	-4049 Feb 05 j 00:23	17° H 42'27	27°38'19	desc. node	-4048 Jan 19 j 13:17	1° I 20'28	
	-4049 Feb 15 j 08:03	0° J			-4048 Feb 09 j 06:54	0° J	
	-4049 Mar 05 j 10:50	0° K		morning set	-4048 Feb 21 j 16:40	22° J 46'15	
morning set	-4049 Mar 09 j 17:03	8° K 28'19			-4048 Feb 25 j 05:40	0° K	
max. Earth dist.	-4049 Mar 15 j 18:00	21° K 14'36	1.32720 AU	max. Earth dist.	-4048 Feb 27 j 00:17	3° K 43'25	1.33253 AU
superior conj	-4049 Mar 17 j 00:01	23° K 57'34	-0°21'48	superior conj	-4048 Feb 29 j 08:27	8° K 42'42	-0°46'33

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4048 Feb 29 j 10:30	8° \approx 53'37	0°46'18	superior conj	-4047 Feb 12 j 12:18	23° \approx 09'02	-1°09'54
asc. node	-4048 Mar 04 j 23:28	18° \approx 39'59		minimum elong	-4047 Feb 12 j 15:09	23° \approx 23'55	1°09'36
evening rise	-4048 Mar 07 j 11:20	23° \approx 58'06			-4047 Feb 15 j 18:13	0° \approx	
	-4048 Mar 10 j 09:31	0° \approx		evening rise	-4047 Feb 19 j 21:37	8° \approx 43'35	
	-4048 Mar 29 j 19:51	0° \approx		asc. node	-4047 Feb 19 j 20:29	8° \approx 37'40	
evening max el	-4048 Mar 30 j 12:02	0° \approx 39'34	23°13'48		-4047 Mar 03 j 06:58	0° \approx	
retrograde	-4048 Apr 12 j 22:41	7° \approx 17'47		evening max el	-4047 Mar 12 j 08:31	11° \approx 30'41	21°41'37
evening set	-4048 Apr 16 j 11:13	6° \approx 50'38		retrograde	-4047 Mar 24 j 14:21	17° \approx 24'47	
desc. node	-4048 Apr 16 j 12:03	6° \approx 50'06		evening set	-4047 Mar 27 j 05:29	17° \approx 09'15	
min. Earth dist.	-4048 Apr 23 j 22:51	3° \approx 28'29	0.55786 AU	desc. node	-4047 Apr 03 j 09:14	14° \approx 19'20	
inferior conj	-4048 Apr 25 j 16:22	2° \approx 27'28	-2°24'36	inferior conj	-4047 Apr 05 j 13:35	13° \approx 06'46	-0°36'15
minimum elong	-4048 Apr 25 j 10:46	2° \approx 35'44	2°22'58	minimum elong	-4047 Apr 05 j 11:53	13° \approx 09'08	0°35'43
	-4048 Apr 30 j 04:10	30° \approx 11'11		min. Earth dist.	-4047 Apr 05 j 12:44	13° \approx 07'57	0.55179 AU
morning rise	-4048 May 04 j 12:47	28° \approx 29'19		morning rise	-4047 Apr 14 j 18:53	9° \approx 05'25	
direct	-4048 May 07 j 00:58	28° \approx 13'59		direct	-4047 Apr 17 j 14:24	8° \approx 47'55	
	-4048 May 13 j 10:04	0° \approx		morning max el	-4047 Apr 29 j 21:39	14° \approx 38'35	21°48'08
morning max el	-4048 May 17 j 17:07	3° \approx 12'10	20°23'06		-4047 May 11 j 11:25	0° \approx	
asc. node	-4048 May 31 j 23:09	24° \approx 09'18		asc. node	-4047 May 18 j 20:08	13° \approx 48'11	
	-4048 Jun 03 j 22:37	0° \approx		morning set	-4047 May 20 j 16:09	17° \approx 33'38	
morning set	-4048 Jun 05 j 07:05	2° \approx 44'06			-4047 May 26 j 14:16	0° \approx	
superior conj	-4048 Jun 13 j 00:31	18° \approx 33'43	1°37'30	superior conj	-4047 May 28 j 00:32	2° \approx 59'40	1°22'26
minimum elong	-4048 Jun 12 j 22:08	18° \approx 21'41	1°37'26	minimum elong	-4047 May 27 j 21:51	2° \approx 45'35	1°22'11
max. Earth dist.	-4048 Jun 17 j 21:29	28° \approx 13'14	1.36281 AU	max. Earth dist.	-4047 May 31 j 12:13	10° \approx 11'09	1.34826 AU
	-4048 Jun 18 j 19:40	0° \approx		evening rise	-4047 Jun 05 j 04:08	19° \approx 25'16	
evening rise	-4048 Jun 21 j 23:49	5° \approx 58'08			-4047 Jun 10 j 20:58	0° \approx	
	-4048 Jul 06 j 04:09	0° \approx		desc. node	-4047 Jun 30 j 07:57	0° \approx 09'58	
desc. node	-4048 Jul 13 j 10:52	10° \approx 44'39			-4047 Jun 30 j 04:54	0° \approx	
evening max el	-4048 Jul 27 j 18:41	28° \approx 09'10	26°05'00	evening max el	-4047 Jul 10 j 06:07	11° \approx 36'21	26°56'34
	-4048 Jul 29 j 18:21	0° \approx		retrograde	-4047 Jul 23 j 09:51	18° \approx 56'37	
retrograde	-4048 Aug 09 j 07:12	5° \approx 18'03		evening set	-4047 Jul 30 j 05:53	16° \approx 08'37	
evening set	-4048 Aug 15 j 15:06	2° \approx 36'52		min. Earth dist.	-4047 Aug 03 j 02:54	12° \approx 14'05	0.65406 AU
	-4048 Aug 18 j 04:58	30° \approx 11'11		inferior conj	-4047 Aug 05 j 00:04	10° \approx 02'29	-2°58'00
min. Earth dist.	-4048 Aug 19 j 19:38	28° \approx 03'50	0.66422 AU	minimum elong	-4047 Aug 05 j 03:43	9° \approx 51'50	2°56'44
inferior conj	-4048 Aug 21 j 03:38	26° \approx 23'21	-2°11'03	morning rise	-4047 Aug 11 j 01:57	4° \approx 23'29	
minimum elong	-4048 Aug 21 j 06:34	26° \approx 14'07	2°09'50	direct	-4047 Aug 13 j 23:47	3° \approx 36'51	
morning rise	-4048 Aug 26 j 22:11	20° \approx 30'35		asc. node	-4047 Aug 14 j 19:32	3° \approx 40'34	
asc. node	-4048 Aug 27 j 22:27	19° \approx 59'12		morning max el	-4047 Aug 20 j 14:09	7° \approx 13'46	18°23'45
direct	-4048 Aug 30 j 03:01	19° \approx 31'35			-4047 Sep 05 j 03:32	0° \approx	
morning max el	-4048 Sep 06 j 02:13	23° \approx 28'00	19°03'23	morning set	-4047 Sep 08 j 22:12	6° \approx 11'35	
	-4048 Sep 11 j 10:16	0° \approx					
morning set	-4048 Sep 28 j 09:25	25° \approx 09'33		superior conj	-4047 Sep 23 j 19:38	0° \approx 10'49	0°15'47
	-4048 Sep 30 j 22:26	0° \approx		minimum elong	-4047 Sep 23 j 21:40	0° \approx 18'50	0°15'37
desc. node	-4048 Oct 09 j 10:32	13° \approx 11'03		behind sun begin	-4047 Sep 23 j 18:25	0° \approx 05'59	
max. Earth dist.	-4048 Oct 13 j 06:46	19° \approx 26'27	1.44714 AU	behind sun end	-4047 Sep 24 j 00:54	0° \approx 31'40	
					-4047 Sep 23 j 16:54	0° \approx	
superior conj	-4048 Oct 14 j 19:47	21° \approx 11'03	-0°33'43	max. Earth dist.	-4047 Sep 26 j 01:19	3° \approx 12'57	1.44771 AU
minimum elong	-4048 Oct 14 j 15:30	21° \approx 35'44	0°33'08	desc. node	-4047 Sep 26 j 07:28	4° \approx 07'13	
	-4048 Oct 19 j 22:39	0° \approx		evening rise	-4047 Oct 10 j 08:00	26° \approx 08'17	
evening rise	-4048 Oct 30 j 02:58	16° \approx 24'15			-4047 Oct 12 j 19:07	0° \approx	
	-4048 Nov 07 j 11:31	0° \approx		greatest brilliancy	-4047 Oct 20 j 20:20	12° \approx 32'48	-0.8m
evening max el	-4048 Nov 19 j 11:56	17° \approx 00'37	18°41'21		-4047 Nov 02 j 10:35	0° \approx	
asc. node	-4048 Nov 23 j 21:18	20° \approx 16'50		evening max el	-4047 Nov 02 j 20:55	0° \approx 27'12	19°24'00
retrograde	-4048 Nov 26 j 05:00	20° \approx 46'22		retrograde	-4047 Nov 10 j 00:59	4° \approx 35'38	
evening set	-4048 Nov 29 j 06:14	19° \approx 53'51		asc. node	-4047 Nov 10 j 18:25	4° \approx 32'36	
inferior conj	-4048 Dec 05 j 03:10	14° \approx 14'06	3°14'20	evening set	-4047 Nov 13 j 09:11	3° \approx 30'30	
minimum elong	-4048 Dec 05 j 00:01	14° \approx 23'34	3°13'26		-4047 Nov 17 j 02:06	30° \approx 11'11	
min. Earth dist.	-4048 Dec 06 j 22:35	12° \approx 04'13	0.64875 AU	inferior conj	-4047 Nov 19 j 00:12	27° \approx 36'06	2°34'07
morning rise	-4048 Dec 10 j 17:26	8° \approx 08'22		minimum elong	-4047 Nov 18 j 21:13	27° \approx 45'40	2°33'05
direct	-4048 Dec 17 j 11:26	5° \approx 17'16		min. Earth dist.	-4047 Nov 20 j 05:52	26° \approx 00'51	0.66010 AU
morning max el	-4048 Dec 30 j 16:46	12° \approx 54'45	27°04'08	morning rise	-4047 Nov 24 j 09:01	21° \approx 24'32	
desc. node	-4047 Jan 05 j 10:20	19° \approx 15'38		direct	-4047 Nov 30 j 14:40	18° \approx 41'20	
	-4047 Jan 13 j 12:59	0° \approx		morning max el	-4047 Dec 13 j 02:21	26° \approx 01'41	26°03'39
	-4047 Jan 31 j 20:12	0° \approx			-4047 Dec 16 j 18:57	0° \approx	
morning set	-4047 Feb 04 j 06:45	6° \approx 30'31		desc. node	-4047 Dec 23 j 07:19	8° \approx 05'30	
max. Earth dist.	-4047 Feb 08 j 21:20	15° \approx 39'28	1.34209 AU		-4046 Jan 07 j 02:07	0° \approx	
				morning set	-4046 Jan 18 j 07:12	19° \approx 28'55	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

max. Earth dist.	-4046 Jan 22 j 06:57	27° 𐌶 02'39	1.35609 AU	max. Earth dist.	-4045 Jan 04 j 06:13	8° 𐌶 08'41	1.37408 AU
	-4046 Jan 23 j 19:17	0° 𐌶					
superior conj	-4046 Jan 27 j 09:09	7° 𐌶 09'12	-1°30'22	superior conj	-4045 Jan 10 j 19:49	20° 𐌶 33'54	-1°46'00
minimum elong	-4046 Jan 27 j 12:17	7° 𐌶 25'08	1°30'10	minimum elong	-4045 Jan 10 j 22:23	20° 𐌶 46'26	1°46'00
evening rise	-4046 Feb 04 j 04:41	23° 𐌶 13'20		evening rise	-4045 Jan 15 j 14:20	0° 𐌶	
asc. node	-4046 Feb 06 j 17:30	28° 𐌶 20'27		asc. node	-4045 Jan 19 j 06:23	7° 𐌶 20'38	
	-4046 Feb 07 j 13:39	0° 𐌶			-4045 Jan 24 j 14:32	17° 𐌶 42'20	
evening max el	-4046 Feb 22 j 14:07	22° 𐌶 50'12	20°21'10	evening max el	-4045 Feb 01 j 03:20	0° 𐌶	
retrograde	-4046 Mar 05 j 04:58	27° 𐌶 52'57		retrograde	-4045 Feb 05 j 06:20	4° 𐌶 46'02	19°18'24
evening set	-4046 Mar 07 j 12:29	27° 𐌶 39'35		evening set	-4045 Feb 14 j 06:30	9° 𐌶 03'23	
inferior conj	-4046 Mar 16 j 10:28	23° 𐌶 40'51	1°18'49	inferior conj	-4045 Feb 16 j 14:59	8° 𐌶 47'07	
minimum elong	-4046 Mar 16 j 13:49	23° 𐌶 35'54	1°17'35	minimum elong	-4045 Feb 24 j 20:24	4° 𐌶 37'51	2°49'43
min. Earth dist.	-4046 Mar 18 j 02:43	22° 𐌶 41'26	0.55499 AU	min. Earth dist.	-4045 Feb 25 j 01:25	4° 𐌶 29'27	2°48'20
desc. node	-4046 Mar 21 j 06:22	20° 𐌶 57'51			-4045 Feb 27 j 17:43	2° 𐌶 42'33	0.56667 AU
morning rise	-4046 Mar 25 j 13:32	19° 𐌶 18'24		morning rise	-4045 Mar 04 j 17:38	30° 𐌶	
direct	-4046 Mar 29 j 04:02	18° 𐌶 50'04		desc. node	-4045 Mar 05 j 09:09	29° 𐌶 45'05	
morning max el	-4046 Apr 11 j 17:01	25° 𐌶 29'24	23°25'13	direct	-4045 Mar 08 j 03:28	29° 𐌶 01'32	
	-4046 Apr 15 j 21:49	0° 𐌶			-4045 Mar 10 j 04:34	28° 𐌶 51'44	
	-4046 May 03 j 22:14	0° 𐌶		morning max el	-4045 Mar 15 j 15:03	0° 𐌶	
morning set	-4046 May 05 j 03:39	2° 𐌶 32'48			-4045 Mar 24 j 08:06	6° 𐌶 05'04	25°02'55
asc. node	-4046 May 05 j 17:06	3° 𐌶 43'23		morning set	-4045 Apr 10 j 15:16	0° 𐌶	
				asc. node	-4045 Apr 19 j 15:53	17° 𐌶 35'45	
superior conj	-4046 May 12 j 06:30	17° 𐌶 45'00	1°03'21		-4045 Apr 22 j 14:04	23° 𐌶 49'51	
minimum elong	-4046 May 12 j 04:05	17° 𐌶 32'03	1°02'59		-4045 Apr 25 j 10:19	0° 𐌶	
max. Earth dist.	-4046 May 14 j 12:40	22° 𐌶 32'51	1.33737 AU	superior conj	-4045 Apr 26 j 16:11	2° 𐌶 42'27	0°41'26
	-4046 May 18 j 02:51	0° 𐌶		minimum elong	-4045 Apr 26 j 14:27	2° 𐌶 33'02	0°41'04
evening rise	-4046 May 19 j 20:38	3° 𐌶 30'30		max. Earth dist.	-4045 Apr 27 j 20:49	5° 𐌶 17'38	1.33011 AU
	-4046 Jun 03 j 15:45	0° 𐌶		evening rise	-4045 May 03 j 21:40	18° 𐌶 02'39	
desc. node	-4046 Jun 17 j 05:02	18° 𐌶 52'43			-4045 May 10 j 00:18	0° 𐌶	
evening max el	-4046 Jun 22 j 16:52	24° 𐌶 47'25	27°23'04		-4045 May 29 j 05:42	0° 𐌶	
	-4046 Jun 29 j 07:31	0° 𐌶		desc. node	-4045 Jun 04 j 02:08	6° 𐌶 35'12	
retrograde	-4046 Jul 06 j 06:58	2° 𐌶 11'47		evening max el	-4045 Jun 05 j 00:58	7° 𐌶 31'08	27°19'03
	-4046 Jul 12 j 16:36	30° 𐌶		retrograde	-4045 Jun 18 j 21:58	14° 𐌶 54'54	
evening set	-4046 Jul 13 j 10:03	29° 𐌶 28'17		evening set	-4045 Jun 25 j 23:58	12° 𐌶 30'07	
min. Earth dist.	-4046 Jul 17 j 01:24	26° 𐌶 08'56	0.64006 AU	min. Earth dist.	-4045 Jun 29 j 14:13	9° 𐌶 36'49	0.62252 AU
inferior conj	-4046 Jul 19 j 12:38	23° 𐌶 32'08	-3°38'06	inferior conj	-4045 Jun 02 j 14:26	6° 𐌶 46'35	-4°07'08
minimum elong	-4046 Jul 19 j 16:20	23° 𐌶 22'20	3°37'07	minimum elong	-4045 Jul 02 j 17:05	6° 𐌶 40'19	4°06'40
morning rise	-4046 Jul 25 j 23:22	18° 𐌶 10'01		morning rise	-4045 Jul 09 j 11:31	1° 𐌶 43'55	
direct	-4046 Jul 28 j 16:21	17° 𐌶 32'56		direct	-4045 Jul 12 j 01:33	1° 𐌶 14'06	
asc. node	-4046 Aug 01 j 16:35	18° 𐌶 53'48		morning max el	-4045 Jul 18 j 19:18	4° 𐌶 38'42	17°57'05
morning max el	-4046 Aug 04 j 04:44	20° 𐌶 59'09	18°01'21	asc. node	-4045 Jul 19 j 13:37	5° 𐌶 25'39	
	-4046 Aug 11 j 00:39	0° 𐌶		morning set	-4045 Aug 04 j 02:12	0° 𐌶 08'00	
morning set	-4046 Aug 21 j 13:24	17° 𐌶 38'40			-4045 Aug 04 j 00:25	0° 𐌶	
	-4046 Aug 28 j 19:59	0° 𐌶					
superior conj	-4046 Sep 03 j 10:29	9° 𐌶 15'53	0°59'27	superior conj	-4045 Aug 15 j 04:10	19° 𐌶 41'03	1°29'35
minimum elong	-4046 Sep 03 j 16:09	9° 𐌶 39'01	0°58'56	minimum elong	-4045 Aug 15 j 09:06	20° 𐌶 02'05	1°29'20
max. Earth dist.	-4046 Sep 08 j 18:09	17° 𐌶 50'48	1.44108 AU		-4045 Aug 21 j 07:51	0° 𐌶	
desc. node	-4046 Sep 13 j 04:24	24° 𐌶 51'32		max. Earth dist.	-4045 Aug 22 j 06:21	1° 𐌶 32'15	1.42827 AU
	-4046 Sep 16 j 11:16	0° 𐌶		evening rise	-4045 Aug 29 j 21:49	13° 𐌶 45'39	
evening rise	-4046 Sep 19 j 16:52	5° 𐌶 01'00		desc. node	-4045 Aug 31 j 01:22	15° 𐌶 33'14	
	-4046 Oct 06 j 06:35	0° 𐌶			-4045 Sep 09 j 13:02	0° 𐌶	
evening max el	-4046 Oct 17 j 00:46	13° 𐌶 53'26	20°21'47	evening max el	-4045 Sep 29 j 22:32	27° 𐌶 19'07	21°31'59
retrograde	-4046 Oct 24 j 22:18	18° 𐌶 32'19			-4045 Oct 02 j 21:04	0° 𐌶	
evening set	-4046 Oct 28 j 15:36	17° 𐌶 12'07		retrograde	-4045 Oct 08 j 18:49	2° 𐌶 34'08	
asc. node	-4046 Oct 28 j 15:32	17° 𐌶 12'14		evening set	-4045 Oct 12 j 23:29	0° 𐌶 56'23	
inferior conj	-4046 Nov 03 j 02:27	11° 𐌶 06'27	1°47'33		-4045 Oct 14 j 01:06	30° 𐌶	
minimum elong	-4046 Nov 03 j 00:09	11° 𐌶 14'11	1°46'40	asc. node	-4045 Oct 15 j 12:38	28° 𐌶 23'28	
min. Earth dist.	-4046 Nov 03 j 19:57	10° 𐌶 07'33	0.66797 AU	inferior conj	-4045 Oct 18 j 07:48	24° 𐌶 43'03	0°56'54
morning rise	-4046 Nov 08 j 08:30	4° 𐌶 51'33		minimum elong	-4045 Oct 18 j 06:31	24° 𐌶 47'30	0°56'24
direct	-4046 Nov 13 j 23:26	2° 𐌶 24'29		min. Earth dist.	-4045 Oct 18 j 14:26	24° 𐌶 20'11	0.67264 AU
morning max el	-4046 Nov 25 j 11:10	9° 𐌶 14'57	24°45'29	morning rise	-4045 Oct 23 j 13:21	18° 𐌶 27'35	
desc. node	-4046 Dec 10 j 04:17	27° 𐌶 33'41		direct	-4045 Oct 27 j 13:05	16° 𐌶 20'55	
	-4046 Dec 11 j 21:16	0° 𐌶		morning max el	-4045 Nov 07 j 20:34	22° 𐌶 30'30	23°19'30
	-4046 Dec 30 j 17:03	0° 𐌶			-4045 Nov 14 j 09:04	0° 𐌶	
morning set	-4046 Dec 31 j 12:36	1° 𐌶 25'51		desc. node	-4045 Nov 27 j 01:15	17° 𐌶 29'17	
					-4045 Dec 05 j 06:04	0° 𐌶	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning set	-4045 Dec 12 j 16:48	12° \mathbb{M} 05'38		morning set	-4044 Nov 21 j 16:19	21° \mathbb{A} 22'25	
max. Earth dist.	-4045 Dec 17 j 01:39	19° \mathbb{M} 32'44	1.39455 AU		-4044 Nov 26 j 23:44	0° \mathbb{M}	
	-4045 Dec 22 j 22:22	0° \mathbb{A}		max. Earth dist.	-4044 Nov 28 j 01:24	1° \mathbb{M} 46'31	1.41478 AU
superior conj	-4045 Dec 24 j 16:10	3° \mathbb{A} 12'22	-1°54'10	superior conj	-4044 Dec 05 j 16:55	14° \mathbb{M} 51'16	-1°51'26
minimum elong	-4045 Dec 24 j 16:54	3° \mathbb{A} 15'47	1°54'19	minimum elong	-4044 Dec 05 j 14:24	14° \mathbb{M} 40'14	1°51'28
evening rise	-4044 Jan 03 j 00:07	20° \mathbb{A} 58'59			-4044 Dec 14 j 02:22	0° \mathbb{A}	
	-4044 Jan 07 j 18:08	0° \mathbb{B}		evening rise	-4044 Dec 16 j 06:41	4° \mathbb{A} 01'24	
asc. node	-4044 Jan 11 j 11:35	6° \mathbb{B} 36'07		asc. node	-4044 Dec 28 j 08:40	24° \mathbb{A} 52'56	
evening max el	-4044 Jan 19 j 07:50	17° \mathbb{B} 14'48	18°35'19	evening max el	-4043 Jan 01 j 15:58	0° \mathbb{B} 08'52	18°12'17
retrograde	-4044 Jan 27 j 01:43	21° \mathbb{B} 01'01			-4043 Jan 01 j 12:24	0° \mathbb{B}	
evening set	-4044 Jan 29 j 13:33	20° \mathbb{B} 38'59		retrograde	-4043 Jan 08 j 14:52	3° \mathbb{B} 39'33	
inferior conj	-4044 Feb 06 j 02:06	16° \mathbb{B} 10'54	3°43'15	evening set	-4043 Jan 11 j 05:44	3° \mathbb{B} 10'28	
minimum elong	-4044 Feb 06 j 05:18	16° \mathbb{B} 04'40	3°42'40		-4043 Jan 16 j 06:18	30° \mathbb{R} \mathbb{A}	
min. Earth dist.	-4044 Feb 09 j 11:05	13° \mathbb{B} 34'46	0.58429 AU	inferior conj	-4043 Jan 18 j 03:46	28° \mathbb{A} 20'32	4°02'42
morning rise	-4044 Feb 13 j 18:42	10° \mathbb{B} 51'42		minimum elong	-4043 Jan 18 j 04:08	28° \mathbb{A} 19'41	4°02'31
direct	-4044 Feb 19 j 18:32	9° \mathbb{B} 21'11		min. Earth dist.	-4043 Jan 21 j 09:36	25° \mathbb{A} 26'32	0.60433 AU
desc. node	-4044 Feb 23 j 00:35	9° \mathbb{B} 47'24		morning rise	-4043 Jan 25 j 01:01	22° \mathbb{A} 42'18	
morning max el	-4044 Mar 05 j 00:47	16° \mathbb{B} 52'10	26°26'20	direct	-4043 Jan 31 j 19:38	20° \mathbb{A} 33'53	
	-4044 Mar 15 j 19:59	0° \mathbb{A}		desc. node	-4043 Feb 08 j 21:40	23° \mathbb{A} 16'56	
	-4044 Apr 01 j 21:11	0° \mathbb{H}		morning max el	-4043 Feb 14 j 23:11	28° \mathbb{A} 13'06	27°22'03
morning set	-4044 Apr 03 j 03:07	2° \mathbb{H} 35'22			-4043 Feb 16 j 17:13	0° \mathbb{B}	
asc. node	-4044 Apr 08 j 11:03	14° \mathbb{H} 02'11			-4043 Mar 09 j 11:32	0° \mathbb{A}	
				morning set	-4043 Mar 18 j 11:36	17° \mathbb{A} 25'14	
superior conj	-4044 Apr 10 j 03:40	17° \mathbb{H} 44'18	0°17'36		-4043 Mar 24 j 09:10	0° \mathbb{H}	
minimum elong	-4044 Apr 10 j 02:54	17° \mathbb{H} 40'04	0°17'23	max. Earth dist.	-4043 Mar 24 j 22:43	1° \mathbb{H} 13'57	1.32596 AU
max. Earth dist.	-4044 Apr 10 j 09:23	18° \mathbb{H} 15'32	1.32633 AU				
	-4044 Apr 15 j 19:45	0° \mathbb{Y}		superior conj	-4043 Mar 25 j 15:19	2° \mathbb{H} 44'34	-0°07'19
evening rise	-4044 Apr 17 j 04:22	2° \mathbb{Y} 51'09		minimum elong	-4043 Mar 25 j 15:38	2° \mathbb{H} 46'22	0°07'19
	-4044 May 01 j 22:18	0° \mathbb{B}		behind sun begin	-4043 Mar 25 j 11:10	2° \mathbb{H} 21'52	
evening max el	-4044 May 17 j 04:10	19° \mathbb{B} 36'31	26°42'10	behind sun end	-4043 Mar 25 j 20:07	3° \mathbb{H} 10'53	
desc. node	-4044 May 20 j 23:15	22° \mathbb{B} 51'11		asc. node	-4043 Mar 26 j 08:05	4° \mathbb{H} 16'16	
retrograde	-4044 May 31 j 05:22	26° \mathbb{B} 56'28		evening rise	-4043 Apr 01 j 14:30	17° \mathbb{H} 48'02	
evening set	-4044 Jun 06 j 19:22	25° \mathbb{B} 03'49			-4043 Apr 07 j 16:23	0° \mathbb{Y}	
min. Earth dist.	-4044 Jun 10 j 17:38	22° \mathbb{B} 21'56	0.60262 AU		-4043 Apr 28 j 00:45	0° \mathbb{B}	
inferior conj	-4044 Jun 14 j 01:55	19° \mathbb{B} 36'32	-4°18'46	evening max el	-4043 Apr 29 j 01:07	0° \mathbb{B} 59'58	25°35'18
minimum elong	-4044 Jun 14 j 02:06	19° \mathbb{B} 36'09	4°18'39	desc. node	-4043 May 07 j 20:22	7° \mathbb{B} 07'06	
morning rise	-4044 Jun 21 j 10:52	14° \mathbb{B} 55'04		retrograde	-4043 May 13 j 03:00	8° \mathbb{B} 12'31	
direct	-4044 Jun 23 j 23:29	14° \mathbb{B} 30'48		evening set	-4043 May 18 j 17:15	6° \mathbb{B} 58'20	
morning max el	-4044 Jul 01 j 06:58	18° \mathbb{B} 04'06	18°11'57	min. Earth dist.	-4043 May 23 j 13:31	4° \mathbb{B} 11'25	0.58249 AU
asc. node	-4044 Jul 05 j 10:40	22° \mathbb{B} 59'43		inferior conj	-4043 May 26 j 19:30	1° \mathbb{B} 52'33	-4°03'55
	-4044 Jul 09 j 22:12	0° \mathbb{I}		minimum elong	-4043 May 26 j 16:11	1° \mathbb{B} 58'30	4°03'28
morning set	-4044 Jul 17 j 07:10	13° \mathbb{I} 24'59			-4043 May 29 j 12:56	30° \mathbb{R} \mathbb{Y}	
	-4044 Jul 26 j 05:28	0° \mathbb{E}		morning rise	-4043 Jun 03 j 17:54	27° \mathbb{Y} 32'22	
				direct	-4043 Jun 06 j 05:49	27° \mathbb{Y} 12'36	
superior conj	-4044 Jul 27 j 00:07	1° \mathbb{E} 24'18	1°45'22		-4043 Jun 13 j 06:03	0° \mathbb{B}	
minimum elong	-4044 Jul 27 j 02:24	1° \mathbb{E} 34'33	1°45'26	morning max el	-4043 Jun 14 j 12:52	1° \mathbb{B} 06'59	18°46'52
max. Earth dist.	-4044 Aug 03 j 13:05	14° \mathbb{E} 35'17	1.41100 AU	asc. node	-4043 Jun 22 j 07:42	11° \mathbb{B} 22'15	
evening rise	-4044 Aug 08 j 18:22	23° \mathbb{E} 15'12		morning set	-4043 Jun 30 j 23:56	27° \mathbb{B} 18'39	
	-4044 Aug 12 j 23:32	0° \mathbb{Q}			-4043 Jul 02 j 08:59	0° \mathbb{I}	
desc. node	-4044 Aug 16 j 22:21	6° \mathbb{Q} 08'21					
	-4044 Sep 02 j 13:11	0° \mathbb{M}		superior conj	-4043 Jul 09 j 17:07	14° \mathbb{I} 11'56	1°49'07
evening max el	-4044 Sep 11 j 14:35	10° \mathbb{M} 45'01	22°50'26	minimum elong	-4043 Jul 09 j 16:54	14° \mathbb{I} 10'54	1°49'18
retrograde	-4044 Sep 21 j 13:01	16° \mathbb{M} 38'25		max. Earth dist.	-4043 Jul 16 j 15:44	26° \mathbb{I} 56'59	1.39162 AU
evening set	-4044 Sep 26 j 07:05	14° \mathbb{M} 41'19			-4043 Jul 18 j 09:17	0° \mathbb{E}	
asc. node	-4044 Oct 01 j 09:44	8° \mathbb{M} 39'49		evening rise	-4043 Jul 20 j 16:32	3° \mathbb{E} 58'42	
inferior conj	-4044 Oct 01 j 14:24	8° \mathbb{M} 23'43	0°04'00	desc. node	-4043 Aug 03 j 19:21	26° \mathbb{E} 32'38	
minimum elong	-4044 Oct 01 j 14:19	8° \mathbb{M} 24'03	0°04'02		-4043 Aug 06 j 03:29	0° \mathbb{Q}	
transit middle	-4044 Oct 01 j 14:19	8° \mathbb{M} 24'03	0°04'02	evening max el	-4043 Aug 25 j 02:40	24° \mathbb{Q} 12'37	24°11'09
transit begin	-4044 Oct 01 j 11:42	8° \mathbb{M} 33'04			-4043 Sep 01 j 21:44	0° \mathbb{M}	
transit end	-4044 Oct 01 j 16:56	8° \mathbb{M} 15'02		retrograde	-4043 Sep 05 j 03:43	0° \mathbb{M} 42'02	
min. Earth dist.	-4044 Oct 01 j 10:46	8° \mathbb{M} 36'16	0.67426 AU		-4043 Sep 08 j 04:10	30° \mathbb{R} \mathbb{Q}	
morning rise	-4044 Oct 06 j 21:25	2° \mathbb{M} 10'47		evening set	-4043 Sep 10 j 12:35	28° \mathbb{Q} 25'17	
direct	-4044 Oct 11 j 06:47	0° \mathbb{M} 25'37		inferior conj	-4043 Sep 15 j 20:32	22° \mathbb{Q} 06'43	-0°49'32
morning max el	-4044 Oct 20 j 09:47	5° \mathbb{M} 50'36	21°54'46	minimum elong	-4043 Sep 15 j 21:41	22° \mathbb{Q} 02'48	0°48'57
	-4044 Nov 07 j 18:05	0° \mathbb{U}		min. Earth dist.	-4043 Sep 15 j 06:30	22° \mathbb{Q} 54'09	0.67289 AU
desc. node	-4044 Nov 12 j 22:13	7° \mathbb{U} 44'20		asc. node	-4043 Sep 18 j 06:53	18° \mathbb{Q} 57'11	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning rise	-4043 Sep 21 j 06:45	15° Ω 59'19	direct	-4042 Sep 09 j 01:23	28° Θ 44'34	
direct	-4043 Sep 25 j 03:19	14° Ω 34'25		-4042 Sep 12 j 20:47	0° Ω	
morning max el	-4043 Oct 03 j 05:34	19° Ω 18'40 20°37'59	morning max el	-4042 Sep 16 j 08:43	2° Ω 56'04	19°33'41
	-4043 Oct 11 j 20:25	0° Π		-4042 Oct 05 j 13:56	0° Π	
desc. node	-4043 Oct 30 j 19:09	28° Π 12'26	morning set	-4042 Oct 10 j 18:57	8° Π 04'57	
morning set	-4043 Oct 31 j 18:02	29° Π 41'12	desc. node	-4042 Oct 17 j 16:05	18° Π 49'34	
	-4043 Oct 31 j 22:53	0° $\underline{\Omega}$	max. Earth dist.	-4042 Oct 23 j 22:21	28° Π 41'31	1.44344 AU
max. Earth dist.	-4043 Nov 10 j 08:44	14° $\underline{\Omega}$ 54'00 1.43183 AU		-4042 Oct 24 j 18:08	0° $\underline{\Omega}$	
superior conj	-4043 Nov 16 j 16:17	25° $\underline{\Omega}$ 15'41 -1°34'01	superior conj	-4042 Oct 27 j 12:13	4° $\underline{\Omega}$ 23'32	-0°59'48
minimum elong	-4043 Nov 16 j 10:14	24° $\underline{\Omega}$ 50'26 1°33'34	minimum elong	-4042 Oct 27 j 05:40	3° $\underline{\Omega}$ 57'18	0°59'03
	-4043 Nov 19 j 11:58	0° Π	evening rise	-4042 Nov 10 j 17:21	27° $\underline{\Omega}$ 41'05	
evening rise	-4043 Nov 28 j 21:58	16° Π 18'28		-4042 Nov 12 j 02:31	0° Π	
	-4043 Dec 06 j 18:40	0° \nearrow	evening max el	-4042 Nov 29 j 16:22	26° Π 38'41	18°24'19
asc. node	-4043 Dec 15 j 05:47	12° \nearrow 20'43	asc. node	-4042 Dec 02 j 02:53	28° Π 45'40	
evening max el	-4043 Dec 16 j 03:44	13° \nearrow 18'54 18°08'51		-4042 Dec 04 j 13:24	0° \nearrow	
retrograde	-4043 Dec 22 j 17:56	16° \nearrow 47'25	retrograde	-4042 Dec 06 j 06:23	0° \nearrow 15'46	
evening set	-4043 Dec 25 j 11:51	16° \nearrow 10'26		-4042 Dec 07 j 23:08	30° \mathbb{M}	
inferior conj	-4043 Dec 31 j 22:12	10° \nearrow 59'17 3°56'49	evening set	-4042 Dec 09 j 04:23	29° Π 29'35	
minimum elong	-4043 Dec 31 j 20:23	11° \nearrow 03'55 3°56'29	inferior conj	-4042 Dec 15 j 05:36	23° Π 59'30	3°33'27
min. Earth dist.	-4042 Jan 03 j 16:29	8° \nearrow 10'05 0.62371 AU	minimum elong	-4042 Dec 15 j 02:40	24° Π 07'53	3°32'44
morning rise	-4042 Jan 07 j 04:02	5° \nearrow 07'27	min. Earth dist.	-4042 Dec 17 j 09:27	21° Π 31'57	0.64054 AU
direct	-4042 Jan 14 j 05:34	2° \nearrow 30'55	morning rise	-4042 Dec 21 j 00:24	17° Π 57'48	
desc. node	-4042 Jan 26 j 18:46	8° \nearrow 56'09	direct	-4042 Dec 27 j 23:08	15° Π 07'40	
morning max el	-4042 Jan 28 j 03:46	10° \nearrow 14'31 27°42'37	morning max el	-4041 Jan 10 j 12:21	22° Π 50'41	27°27'22
	-4042 Feb 12 j 15:42	0° Ξ	desc. node	-4041 Jan 13 j 15:49	26° Π 09'57	
	-4042 Mar 01 j 15:56	0° \approx		-4041 Jan 16 j 22:01	0° \nearrow	
morning set	-4042 Mar 02 j 15:11	1° \approx 57'11		-4041 Feb 05 j 20:40	0° Ξ	
max. Earth dist.	-4042 Mar 08 j 08:51	13° \approx 57'54 1.32907 AU	morning set	-4041 Feb 14 j 11:11	16° Ξ 02'16	
			max. Earth dist.	-4041 Feb 19 j 11:43	26° Ξ 14'04	1.33606 AU
				-4041 Feb 21 j 06:47	0° \approx	
superior conj	-4042 Mar 10 j 01:24	17° \approx 36'36 -0°32'24				
minimum elong	-4042 Mar 10 j 02:51	17° \approx 44'26 0°32'13				
asc. node	-4042 Mar 13 j 05:07	24° \approx 27'21	superior conj	-4041 Feb 22 j 08:07	2° \approx 14'17	-0°56'43
	-4042 Mar 15 j 18:54	0° \mathbb{H}	minimum elong	-4041 Feb 22 j 10:33	2° \approx 27'10	0°56'25
evening rise	-4042 Mar 17 j 02:05	2° \mathbb{H} 45'26	asc. node	-4041 Feb 28 j 02:07	14° \approx 31'13	
	-4042 Apr 01 j 01:05	0° Υ	evening rise	-4041 Mar 01 j 13:21	17° \approx 36'59	
evening max el	-4042 Apr 10 j 17:23	11° Υ 50'49 24°07'51		-4041 Mar 07 j 17:59	0° \mathbb{H}	
retrograde	-4042 Apr 24 j 13:03	18° Υ 46'56	evening max el	-4041 Mar 23 j 10:26	22° \mathbb{H} 34'00	22°33'38
desc. node	-4042 Apr 24 j 17:30	18° Υ 46'51	retrograde	-4041 Apr 05 j 10:58	28° \mathbb{H} 56'00	
evening set	-4042 Apr 28 j 19:35	18° Υ 06'15	evening set	-4041 Apr 08 j 12:29	28° \mathbb{H} 35'24	
min. Earth dist.	-4042 May 05 j 05:01	15° Υ 00'19 0.56516 AU	desc. node	-4041 Apr 11 j 14:40	27° \mathbb{H} 36'27	
inferior conj	-4042 May 07 j 16:58	13° Υ 26'59 -3°12'36	min. Earth dist.	-4041 Apr 16 j 19:18	24° \mathbb{H} 58'22	0.55414 AU
minimum elong	-4042 May 07 j 11:08	13° Υ 36'07 3°11'12	inferior conj	-4041 Apr 17 j 20:36	24° \mathbb{H} 22'13	-1°41'33
morning rise	-4042 May 16 j 05:46	9° Υ 24'09	minimum elong	-4041 Apr 17 j 16:12	24° \mathbb{H} 28'31	1°40'09
direct	-4042 May 18 j 17:15	9° Υ 07'53	morning rise	-4041 Apr 26 j 21:49	20° \mathbb{H} 25'04	
morning max el	-4042 May 28 j 10:21	13° Υ 38'18 19°42'19	direct	-4041 Apr 29 j 11:42	20° \mathbb{H} 09'41	
	-4042 Jun 08 j 23:59	0° \mathbb{B}	morning max el	-4041 May 10 j 21:20	25° \mathbb{H} 29'53	20°57'22
asc. node	-4042 Jun 09 j 04:45	0° \mathbb{B} 21'44		-4041 May 15 j 00:22	0° Υ	
morning set	-4042 Jun 15 j 01:04	11° \mathbb{B} 40'14		-4041 May 27 j 01:45	19° Υ 48'29	
			asc. node	-4041 May 30 j 07:51	26° Υ 21'28	
			morning set	-4041 Jun 01 j 02:11	0° \mathbb{B}	
superior conj	-4042 Jun 23 j 01:36	27° \mathbb{B} 48'30 1°43'46				
minimum elong	-4042 Jun 22 j 23:45	27° \mathbb{B} 39'22 1°43'49				
	-4042 Jun 24 j 04:17	0° Π	superior conj	-4041 Jun 06 j 20:58	11° \mathbb{B} 59'51	1°31'42
max. Earth dist.	-4042 Jun 28 j 18:29	8° Π 48'50 1.37263 AU	minimum elong	-4041 Jun 06 j 18:22	11° \mathbb{B} 46'31	1°31'33
evening rise	-4042 Jul 02 j 15:44	15° Π 56'51	max. Earth dist.	-4041 Jun 11 j 03:23	20° \mathbb{B} 36'24	1.35612 AU
	-4042 Jul 10 j 20:16	0° Θ	evening rise	-4041 Jun 15 j 10:58	28° \mathbb{B} 56'13	
desc. node	-4042 Jul 21 j 16:22	16° Θ 40'45		-4041 Jun 16 j 00:35	0° Π	
	-4042 Jul 31 j 15:03	0° Ω		-4041 Jul 04 j 00:53	0° Θ	
evening max el	-4042 Aug 07 j 13:17	7° Ω 43'10 25°26'49	desc. node	-4041 Jul 08 j 13:25	6° Θ 24'44	
retrograde	-4042 Aug 19 j 14:18	14° Ω 41'09	evening max el	-4041 Jul 21 j 00:14	21° Θ 13'29	26°29'32
evening set	-4042 Aug 25 j 14:09	12° Ω 07'09	retrograde	-4041 Aug 02 j 20:09	28° Θ 29'15	
min. Earth dist.	-4042 Aug 29 j 23:15	7° Ω 12'31 0.66835 AU	evening set	-4041 Aug 09 j 09:36	25° Θ 43'49	
inferior conj	-4042 Aug 31 j 00:26	5° Ω 50'46 -1°42'01	min. Earth dist.	-4041 Aug 13 j 10:42	21° Θ 27'17	0.66033 AU
minimum elong	-4042 Aug 31 j 02:47	5° Ω 43'08 1°40'58	inferior conj	-4041 Aug 15 j 00:13	19° Θ 32'50	-2°31'38
asc. node	-4042 Sep 05 j 03:59	0° Ω 12'13	minimum elong	-4041 Aug 15 j 03:31	19° Θ 22'44	2°30'22
	-4042 Sep 05 j 10:46	30° \mathbb{R} Θ	morning rise	-4041 Aug 20 j 21:43	13° Θ 45'35	
morning rise	-4042 Sep 05 j 15:31	29° Θ 51'57	asc. node	-4041 Aug 23 j 01:04	12° Θ 57'13	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

direct	-4041 Aug 23 j 23:10	12° ☿ 52'25		min. Earth dist.	-4040 Jul 26 j 14:37	5° ☿ 32'16	0.64858 AU
morning max el	-4041 Aug 30 j 18:00	16° ☿ 39'50	18°44'28	inferior conj	-4040 Jul 28 j 17:39	3° ☿ 09'02	-3°16'05
	-4041 Sep 09 j 15:13	0° ♊		minimum elong	-4040 Jul 28 j 21:26	2° ☿ 58'25	3°14'54
morning set	-4041 Sep 20 j 15:52	17° ♊ 30'12			-4040 Jul 31 j 17:12	30° ♊	
	-4041 Sep 28 j 12:12	0° ♋		morning rise	-4040 Aug 03 j 23:06	27° ♊ 36'35	
desc. node	-4041 Oct 04 j 13:00	9° ♋ 31'53		direct	-4040 Aug 06 j 18:33	26° ♊ 54'21	
				asc. node	-4040 Aug 08 j 22:08	27° ♊ 18'54	
superior conj	-4041 Oct 06 j 13:30	12° ♋ 42'58	-0°12'48		-4040 Aug 12 j 20:44	0° ☿	
minimum elong	-4041 Oct 06 j 11:49	12° ♋ 36'21	0°12'31	morning max el	-4040 Aug 13 j 07:18	0° ☿ 25'58	18°11'55
behind sun begin	-4041 Oct 06 j 04:24	12° ♋ 07'06		morning set	-4040 Aug 31 j 16:18	28° ☿ 15'26	
behind sun end	-4041 Oct 06 j 19:15	13° ♋ 05'35			-4040 Sep 01 j 17:23	0° ♊	
max. Earth dist.	-4041 Oct 06 j 15:24	12° ♋ 50'26	1.44824 AU				
	-4041 Oct 17 j 12:01	0° ♌		superior conj	-4040 Sep 14 j 17:19	21° ♊ 14'24	0°35'40
evening rise	-4041 Oct 22 j 12:35	8° ♌ 00'37		minimum elong	-4040 Sep 14 j 21:29	21° ♊ 31'02	0°35'15
	-4041 Nov 05 j 10:56	0° ♍		max. Earth dist.	-4040 Sep 18 j 09:11	27° ♊ 03'58	1.44578 AU
evening max el	-4041 Nov 13 j 03:19	10° ♍ 03'39	18°57'34	desc. node	-4040 Sep 20 j 09:55	0° ♋ 16'26	
asc. node	-4041 Nov 18 j 23:58	13° ♍ 52'27			-4040 Sep 20 j 05:45	0° ♋	
retrograde	-4041 Nov 20 j 00:25	13° ♍ 58'17		evening rise	-4040 Oct 01 j 07:41	17° ♋ 19'04	
evening set	-4041 Nov 23 j 04:16	13° ♍ 00'53			-4040 Oct 09 j 12:38	0° ♌	
inferior conj	-4041 Nov 28 j 22:29	7° ♍ 14'42	2°58'13	greatest brilliancy	-4040 Oct 13 j 21:56	6° ♌ 40'28	-0.7m
minimum elong	-4041 Nov 28 j 19:19	7° ♍ 24'29	2°57'14	evening max el	-4040 Oct 26 j 10:21	23° ♌ 30'27	19°46'59
min. Earth dist.	-4041 Nov 30 j 11:57	5° ♍ 18'46	0.65397 AU	retrograde	-4040 Nov 02 j 21:05	27° ♌ 50'41	
morning rise	-4041 Dec 04 j 10:01	1° ♍ 06'01		asc. node	-4040 Nov 04 j 21:03	27° ♌ 27'31	
	-4041 Dec 05 j 19:54	30° ♋		evening set	-4040 Nov 06 j 08:54	26° ♌ 39'31	
direct	-4041 Dec 10 j 23:14	28° ♌ 16'39		inferior conj	-4040 Nov 11 j 21:58	20° ♌ 40'11	2°14'58
	-4041 Dec 16 j 15:50	0° ♍		minimum elong	-4040 Nov 11 j 19:14	20° ♌ 49'11	2°13'58
morning max el	-4041 Dec 23 j 22:01	5° ♍ 49'18	26°41'10	min. Earth dist.	-4040 Nov 12 j 22:21	19° ♌ 20'09	0.66389 AU
desc. node	-4041 Dec 31 j 12:51	14° ♍ 30'44		morning rise	-4040 Nov 17 j 05:19	14° ♌ 27'01	
	-4040 Jan 11 j 14:16	0° ♎		direct	-4040 Nov 23 j 05:01	11° ♌ 49'38	
morning set	-4040 Jan 28 j 20:06	29° ♎ 29'18		morning max el	-4040 Dec 05 j 06:57	18° ♌ 58'34	25°31'56
	-4040 Jan 29 j 02:33	0° ♏			-4040 Dec 14 j 16:33	0° ♍	
max. Earth dist.	-4040 Feb 02 j 03:46	7° ♏ 54'20	1.34739 AU	desc. node	-4040 Dec 17 j 09:49	3° ♍ 38'21	
					-4039 Jan 03 j 15:48	0° ♎	
superior conj	-4040 Feb 06 j 09:21	16° ♏ 30'56	-1°19'02	morning set	-4039 Jan 10 j 13:07	12° ♎ 03'05	
minimum elong	-4040 Feb 06 j 12:24	16° ♏ 46'43	1°18'46	max. Earth dist.	-4039 Jan 14 j 08:10	19° ♎ 05'10	1.36325 AU
	-4040 Feb 12 j 20:10	0° ♐			-4039 Jan 19 j 22:51	0° ♏	
evening rise	-4040 Feb 13 j 22:30	2° ♐ 16'41		superior conj	-4039 Jan 20 j 02:17	0° ♏ 17'12	-1°37'44
asc. node	-4040 Feb 14 j 23:08	4° ♐ 23'27		minimum elong	-4039 Jan 20 j 05:19	0° ♏ 32'19	1°37'37
	-4040 Mar 01 j 02:19	0° ♑		evening rise	-4039 Jan 28 j 03:32	16° ♏ 37'20	
evening max el	-4040 Mar 04 j 10:34	3° ♑ 36'44	21°05'40	asc. node	-4039 Jan 31 j 20:09	23° ♏ 57'58	
retrograde	-4040 Mar 16 j 00:49	9° ♑ 08'58			-4039 Feb 04 j 01:31	0° ♐	
evening set	-4040 Mar 18 j 10:54	8° ♑ 55'22		evening max el	-4039 Feb 14 j 20:48	15° ♐ 11'48	19°52'16
inferior conj	-4040 Mar 27 j 16:04	4° ♑ 56'56	0°13'41	retrograde	-4039 Feb 24 j 18:13	19° ♐ 53'20	
minimum elong	-4040 Mar 27 j 16:41	4° ♑ 56'02	0°13'22	evening set	-4039 Feb 27 j 01:47	19° ♐ 39'05	
transit middle	-4040 Mar 27 j 16:41	4° ♑ 56'02	0°13'22	inferior conj	-4039 Mar 07 j 17:07	15° ♐ 37'35	2°01'31
transit begin	-4040 Mar 27 j 14:30	4° ♑ 59'09		minimum elong	-4039 Mar 07 j 21:41	15° ♐ 30'30	2°00'01
transit end	-4040 Mar 27 j 18:53	4° ♑ 52'55		min. Earth dist.	-4039 Mar 09 j 23:50	14° ♐ 13'18	0.55904 AU
desc. node	-4040 Mar 28 j 11:49	4° ♑ 28'53		desc. node	-4039 Mar 15 j 08:56	11° ♐ 28'30	
min. Earth dist.	-4040 Mar 28 j 09:37	4° ♑ 31'59	0.55196 AU	morning rise	-4039 Mar 16 j 15:20	11° ♐ 02'46	
morning rise	-4040 Apr 05 j 21:56	0° ♒ 48'06		direct	-4039 Mar 20 j 17:44	10° ♐ 25'29	
direct	-4040 Apr 08 j 23:51	0° ♒ 27'21		morning max el	-4039 Apr 03 j 14:16	17° ♐ 21'09	24°07'26
morning max el	-4040 Apr 21 j 21:41	6° ♒ 40'47	22°28'22		-4039 Apr 13 j 20:27	0° ♑	
	-4040 May 08 j 02:38	0° ♓		morning set	-4039 Apr 28 j 06:13	26° ♑ 17'47	
asc. node	-4040 May 12 j 22:44	9° ♓ 35'33		asc. node	-4039 Apr 29 j 19:44	29° ♑ 36'08	
morning set	-4040 May 13 j 18:12	11° ♓ 16'21			-4039 Apr 30 j 00:12	0° ♒	
superior conj	-4040 May 20 j 23:52	26° ♓ 35'44	1°14'47	superior conj	-4039 May 05 j 07:40	11° ♓ 26'53	0°54'21
minimum elong	-4040 May 20 j 21:14	26° ♓ 21'48	1°14'27	minimum elong	-4039 May 05 j 05:29	11° ♓ 15'11	0°53'58
	-4040 May 22 j 14:44	0° ♈		max. Earth dist.	-4039 May 07 j 02:30	15° ♓ 16'51	1.33393 AU
max. Earth dist.	-4040 May 23 j 22:14	2° ♈ 43'48	1.34321 AU	evening rise	-4039 May 12 j 17:37	27° ♓ 00'15	
evening rise	-4040 May 28 j 21:04	12° ♈ 42'08			-4039 May 14 j 05:37	0° ♉	
	-4040 Jun 07 j 07:27	0° ♉			-4039 May 31 j 15:09	0° ♊	
desc. node	-4040 Jun 24 j 10:29	25° ♉ 34'07		desc. node	-4039 Jun 11 j 07:35	13° ♉ 53'52	
	-4040 Jun 28 j 03:02	0° ☿		evening max el	-4039 Jun 14 j 21:54	17° ♉ 37'50	27°25'17
evening max el	-4040 Jul 02 j 11:41	4° ☿ 35'58	27°11'15	retrograde	-4039 Jun 28 j 15:06	25° ♉ 01'22	
retrograde	-4040 Jul 15 j 20:40	11° ☿ 58'54		evening set	-4039 Jul 05 j 18:53	22° ♉ 24'24	
evening set	-4040 Jul 22 j 20:17	9° ☿ 11'30					

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

min. Earth dist.	-4039 Jul 09 j 09:09	19° Π 17'22	0.63306 AU	retrograde	-4038 Jun 11 j 02:47	7° Π 27'45	
inferior conj	-4039 Jul 12 j 02:04	16° Π 33'25	-3°52'05	evening set	-4038 Jun 18 j 01:24	5° Π 15'04	
minimum elong	-4039 Jul 12 j 05:28	16° Π 24'47	3°51'18	min. Earth dist.	-4038 Jun 21 j 17:36	2° Π 28'56	0.61432 AU
morning rise	-4039 Jul 18 j 16:59	11° Π 18'58		inferior conj	-4038 Jun 24 j 22:14	29° \mathcal{B} 38'17	-4°14'40
direct	-4039 Jul 21 j 08:35	10° Π 45'05		minimum elong	-4038 Jun 25 j 00:00	29° \mathcal{B} 34'18	4°14'24
asc. node	-4039 Jul 26 j 19:12	13° Π 07'24			-4038 Jun 24 j 12:34	30° \mathcal{R} 8	
morning max el	-4039 Jul 27 j 22:10	14° Π 09'20	17°57'10	morning rise	-4038 Jul 02 j 00:11	24° \mathcal{B} 44'36	
	-4039 Aug 07 j 20:54	0° \mathcal{E}		direct	-4038 Jul 04 j 13:37	24° \mathcal{B} 17'12	
morning set	-4039 Aug 13 j 17:27	10° \mathcal{E} 11'23		morning max el	-4038 Jul 11 j 11:52	27° \mathcal{B} 43'40	18°01'02
	-4039 Aug 25 j 06:34	0° \mathcal{O}		asc. node	-4038 Jul 13 j 16:16	0° Π 07'24	
					-4038 Jul 13 j 13:50	0° Π	
superior conj	-4039 Aug 25 j 19:00	0° \mathcal{O} 51'46	1°14'05	morning set	-4038 Jul 27 j 13:44	23° Π 02'28	
minimum elong	-4039 Aug 26 j 00:46	1° \mathcal{O} 15'46	1°13'37		-4038 Jul 31 j 09:02	0° \mathcal{E}	
max. Earth dist.	-4039 Sep 01 j 00:52	11° \mathcal{O} 04'39	1.43638 AU				
desc. node	-4039 Sep 07 j 06:53	21° \mathcal{O} 00'11		superior conj	-4038 Aug 07 j 00:23	11° \mathcal{E} 51'37	1°37'56
evening rise	-4039 Sep 10 j 12:30	26° \mathcal{O} 02'29		minimum elong	-4038 Aug 07 j 04:16	12° \mathcal{E} 08'32	1°37'50
	-4039 Sep 13 j 02:07	0° \mathcal{M}		max. Earth dist.	-4038 Aug 14 j 11:15	24° \mathcal{E} 32'41	1.42136 AU
	-4039 Oct 03 j 15:20	0° \mathcal{L}			-4038 Aug 17 j 19:10	0° \mathcal{O}	
evening max el	-4039 Oct 09 j 11:48	6° \mathcal{L} 57'10	20°50'22	evening rise	-4038 Aug 20 j 22:03	5° \mathcal{O} 00'18	
retrograde	-4039 Oct 17 j 18:12	11° \mathcal{L} 50'19		desc. node	-4038 Aug 25 j 03:51	11° \mathcal{O} 39'24	
evening set	-4039 Oct 21 j 16:11	10° \mathcal{L} 22'45			-4038 Sep 06 j 10:33	0° \mathcal{M}	
asc. node	-4039 Oct 22 j 18:09	9° \mathcal{L} 27'40		evening max el	-4038 Sep 22 j 06:55	20° \mathcal{M} 22'14	22°04'36
inferior conj	-4039 Oct 27 j 01:46	4° \mathcal{L} 13'30	1°26'27	retrograde	-4038 Oct 01 j 13:58	25° \mathcal{M} 53'38	
minimum elong	-4039 Oct 26 j 23:52	4° \mathcal{L} 19'58	1°25'41	evening set	-4038 Oct 06 j 00:12	24° \mathcal{M} 07'33	
min. Earth dist.	-4039 Oct 27 j 14:29	3° \mathcal{L} 30'12	0.67039 AU	asc. node	-4038 Oct 09 j 15:17	20° \mathcal{M} 09'43	
	-4039 Oct 30 j 07:57	30° \mathcal{R} 17		inferior conj	-4038 Oct 11 j 07:53	17° \mathcal{M} 51'47	0°34'38
morning rise	-4039 Nov 01 j 07:23	27° \mathcal{M} 58'17		minimum elong	-4038 Oct 11 j 07:05	17° \mathcal{M} 54'33	0°34'20
direct	-4039 Nov 06 j 15:53	25° \mathcal{M} 39'40		min. Earth dist.	-4038 Oct 11 j 10:01	17° \mathcal{M} 44'25	0.67371 AU
	-4039 Nov 15 j 07:30	0° \mathcal{L}		morning rise	-4038 Oct 16 j 13:51	11° \mathcal{M} 37'11	
morning max el	-4039 Nov 17 j 15:40	2° \mathcal{L} 12'55	24°09'21	direct	-4038 Oct 21 j 07:13	9° \mathcal{M} 39'58	
desc. node	-4039 Dec 04 j 06:47	23° \mathcal{L} 19'29		morning max el	-4038 Oct 31 j 02:28	15° \mathcal{M} 30'29	22°42'53
	-4039 Dec 08 j 19:21	0° \mathcal{M}			-4038 Nov 11 j 20:34	0° \mathcal{L}	
morning set	-4039 Dec 23 j 08:28	23° \mathcal{M} 28'30		desc. node	-4038 Nov 21 j 03:44	13° \mathcal{L} 23'53	
max. Earth dist.	-4039 Dec 27 j 05:13	0° \mathcal{X} 16'02	1.38268 AU		-4038 Dec 01 j 20:17	0° \mathcal{M}	
	-4039 Dec 27 j 01:38	0° \mathcal{X}		morning set	-4038 Dec 04 j 00:29	3° \mathcal{M} 32'07	
				max. Earth dist.	-4038 Dec 09 j 02:02	11° \mathcal{M} 59'52	1.40339 AU
superior conj	-4038 Jan 03 j 07:27	13° \mathcal{X} 23'47	-1°50'34				
minimum elong	-4038 Jan 03 j 09:25	13° \mathcal{X} 33'11	1°50'40	superior conj	-4038 Dec 16 j 20:06	25° \mathcal{M} 37'51	-1°54'35
	-4038 Jan 11 j 19:27	0° \mathcal{Z}		minimum elong	-4038 Dec 16 j 19:36	25° \mathcal{M} 35'37	1°54'43
evening rise	-4038 Jan 12 j 02:12	0° \mathcal{Z} 33'15			-4038 Dec 19 j 05:25	0° \mathcal{X}	
asc. node	-4038 Jan 18 j 17:11	13° \mathcal{Z} 08'40		evening rise	-4038 Dec 26 j 15:37	13° \mathcal{X} 57'01	
evening max el	-4038 Jan 28 j 17:10	27° \mathcal{Z} 21'43	18°57'34		-4037 Jan 04 j 11:40	0° \mathcal{Z}	
	-4038 Feb 01 j 03:53	0° \approx		asc. node	-4037 Jan 05 j 14:15	1° \mathcal{Z} 47'34	
retrograde	-4038 Feb 06 j 03:00	1° \approx 24'00		evening max el	-4037 Jan 11 j 21:42	10° \mathcal{Z} 01'13	18°23'01
evening set	-4038 Feb 08 j 12:59	1° \approx 05'24		retrograde	-4037 Jan 19 j 06:24	13° \mathcal{Z} 39'29	
	-4038 Feb 11 j 09:44	30° \mathcal{R} 3		evening set	-4037 Jan 21 j 19:23	13° \mathcal{Z} 14'41	
inferior conj	-4038 Feb 16 j 10:59	26° \mathcal{Z} 48'22	3°17'03	inferior conj	-4037 Jan 29 j 01:24	8° \mathcal{Z} 37'14	3°55'13
minimum elong	-4038 Feb 16 j 15:30	26° \mathcal{Z} 40'16	3°15'59	minimum elong	-4037 Jan 29 j 03:23	8° \mathcal{Z} 33'05	3°54'52
min. Earth dist.	-4038 Feb 19 j 15:10	24° \mathcal{Z} 33'37	0.57366 AU	min. Earth dist.	-4037 Feb 01 j 10:24	5° \mathcal{Z} 50'26	0.59267 AU
morning rise	-4038 Feb 24 j 15:28	21° \mathcal{Z} 43'44		morning rise	-4037 Feb 05 j 09:20	3° \mathcal{Z} 08'43	
direct	-4038 Mar 01 j 23:40	20° \mathcal{Z} 35'49		direct	-4037 Feb 11 j 18:20	1° \mathcal{Z} 21'36	
desc. node	-4038 Mar 02 j 06:03	20° \mathcal{Z} 35'59		desc. node	-4037 Feb 17 j 03:09	2° \mathcal{Z} 33'30	
morning max el	-4038 Mar 16 j 05:16	27° \mathcal{Z} 57'25	25°41'08	morning max el	-4037 Feb 26 j 00:20	8° \mathcal{Z} 57'17	26°54'12
	-4038 Mar 18 j 05:31	0° \approx			-4037 Mar 14 j 01:17	0° \approx	
	-4038 Apr 07 j 03:07	0° \mathcal{H}		morning set	-4037 Mar 28 j 04:35	26° \approx 16'08	
morning set	-4038 Apr 12 j 18:15	11° \mathcal{H} 19'49			-4037 Mar 29 j 23:06	0° \mathcal{H}	
asc. node	-4038 Apr 16 j 16:44	19° \mathcal{H} 45'20		asc. node	-4037 Apr 03 j 13:45	9° \mathcal{H} 58'47	
superior conj	-4038 Apr 19 j 18:19	26° \mathcal{H} 26'22	0°31'30	superior conj	-4037 Apr 04 j 06:04	11° \mathcal{H} 28'06	0°07'07
minimum elong	-4038 Apr 19 j 16:58	26° \mathcal{H} 19'01	0°31'12	minimum elong	-4037 Apr 04 j 05:46	11° \mathcal{H} 26'23	0°07'00
max. Earth dist.	-4038 Apr 20 j 13:09	28° \mathcal{H} 09'03	1.32812 AU	behind sun begin	-4037 Apr 04 j 01:15	11° \mathcal{H} 01'42	
	-4038 Apr 21 j 09:33	0° \mathcal{Y}		behind sun end	-4037 Apr 04 j 10:16	11° \mathcal{H} 51'04	
evening rise	-4038 Apr 26 j 21:21	11° \mathcal{Y} 39'54		max. Earth dist.	-4037 Apr 04 j 02:29	11° \mathcal{H} 08'26	1.32566 AU
	-4038 May 06 j 10:50	0° \mathcal{B}		evening rise	-4037 Apr 11 j 05:45	26° \mathcal{H} 32'28	
evening max el	-4038 May 28 j 04:08	0° Π 05'49	27°07'15		-4037 Apr 12 j 21:52	0° \mathcal{Y}	
	-4038 May 28 j 01:42	0° Π			-4037 Apr 30 j 04:54	0° \mathcal{B}	
desc. node	-4038 May 29 j 04:42	1° Π 03'00		evening max el	-4037 May 10 j 04:29	11° \mathcal{B} 52'30	26°17'00

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-4037 May 16 j 01:50	16°♄32'43			-4036 May 03 j 05:06	0°♄	
retrograde	-4037 May 24 j 06:35	19°♄10'52		retrograde	-4036 May 04 j 23:56	0°♄07'28	
evening set	-4037 May 30 j 11:58	17°♄34'02			-4036 May 06 j 18:46	30°♄♂	
min. Earth dist.	-4037 Jun 03 j 17:23	14°♄52'13	0.59386 AU	evening set	-4036 May 10 j 00:51	29°♄09'02	
inferior conj	-4037 Jun 07 j 02:32	12°♄15'02	-4°16'22	min. Earth dist.	-4036 May 15 j 11:17	26°♄15'14	0.57445 AU
minimum elong	-4037 Jun 07 j 01:18	12°♄17'28	4°16'12	inferior conj	-4036 May 18 j 11:38	24°♄13'42	-3°47'10
morning rise	-4037 Jun 14 j 17:05	7°♄43'13		minimum elong	-4036 May 18 j 06:57	24°♄21'38	3°46'20
direct	-4037 Jun 17 j 05:17	7°♄21'04		morning rise	-4036 May 26 j 16:07	20°♄01'40	
morning max el	-4037 Jun 24 j 21:35	11°♄01'31	18°24'22	direct	-4036 May 29 j 03:33	19°♄43'41	
asc. node	-4037 Jun 30 j 13:21	18°♄04'02		morning max el	-4036 Jun 07 j 00:15	23°♄52'05	19°07'58
	-4037 Jul 07 j 12:20	0°♄			-4036 Jun 12 j 04:24	0°♄	
morning set	-4037 Jul 11 j 00:16	6°♄36'39		asc. node	-4036 Jun 16 j 10:23	6°♄43'19	
				morning set	-4036 Jun 23 j 20:57	20°♄42'50	
					-4036 Jun 28 j 13:21	0°♄	
superior conj	-4037 Jul 20 j 06:08	24°♄05'11	1°48'14				
minimum elong	-4037 Jul 20 j 07:16	24°♄10'25	1°48'24				
	-4037 Jul 23 j 12:16	0°♄		superior conj	-4036 Jul 02 j 06:19	7°♄15'07	1°47'48
max. Earth dist.	-4037 Jul 27 j 15:38	7°♄17'01	1.40284 AU	minimum elong	-4036 Jul 02 j 05:18	7°♄10'11	1°47'57
evening rise	-4037 Aug 01 j 05:05	15°♄00'07		max. Earth dist.	-4036 Jul 08 j 17:12	19°♄21'36	1.38334 AU
	-4037 Aug 10 j 14:37	0°♄		evening rise	-4036 Jul 12 j 14:23	26°♄16'38	
desc. node	-4037 Aug 12 j 00:51	2°♄10'40			-4036 Jul 14 j 18:09	0°♄	
	-4037 Sep 01 j 08:31	0°♄		desc. node	-4036 Jul 28 j 21:53	22°♄28'46	
evening max el	-4037 Sep 04 j 20:52	3°♄48'12	23°24'46		-4036 Aug 03 j 04:00	0°♄	
retrograde	-4037 Sep 15 j 06:58	9°♄58'12		evening max el	-4036 Aug 17 j 08:05	17°♄17'23	24°44'25
evening set	-4037 Sep 20 j 07:09	7°♄52'38		retrograde	-4036 Aug 28 j 20:05	24°♄00'20	
inferior conj	-4037 Sep 25 j 14:31	1°♄33'54	-0°18'44	evening set	-4036 Sep 03 j 11:14	21°♄36'04	
minimum elong	-4037 Sep 25 j 14:57	1°♄32'25	0°18'28	min. Earth dist.	-4036 Sep 08 j 01:22	16°♄19'51	0.67138 AU
min. Earth dist.	-4037 Sep 25 j 06:29	2°♄01'30	0.67407 AU	inferior conj	-4036 Sep 08 j 19:57	15°♄17'56	-1°12'01
asc. node	-4037 Sep 26 j 12:25	0°♄19'13		minimum elong	-4036 Sep 08 j 21:38	15°♄12'20	1°11'12
	-4037 Sep 26 j 18:09	30°♄		asc. node	-4036 Sep 12 j 09:33	10°♄55'28	
morning rise	-4037 Sep 30 j 22:42	25°♄22'47		morning rise	-4036 Sep 14 j 08:02	9°♄13'31	
direct	-4037 Oct 05 j 02:16	23°♄46'40		direct	-4036 Sep 17 j 23:45	7°♄56'21	
morning max el	-4037 Oct 13 j 18:20	28°♄53'59	21°20'40	morning max el	-4036 Sep 25 j 17:12	12°♄25'50	20°08'46
	-4037 Oct 14 j 19:26	0°♄			-4036 Oct 08 j 23:38	0°♄	
	-4037 Nov 05 j 13:42	0°♄		morning set	-4036 Oct 22 j 11:16	20°♄30'36	
desc. node	-4037 Nov 08 j 00:40	3°♄44'47		desc. node	-4036 Oct 24 j 21:36	24°♄17'12	
morning set	-4037 Nov 13 j 12:56	12°♄18'25			-4036 Oct 28 j 13:11	0°♄	
max. Earth dist.	-4037 Nov 21 j 04:23	24°♄34'57	1.42258 AU	max. Earth dist.	-4036 Nov 02 j 14:18	8°♄00'22	1.43758 AU
	-4037 Nov 24 j 10:51	0°♄					
				superior conj	-4036 Nov 07 j 22:12	16°♄37'28	-1°21'30
superior conj	-4037 Nov 28 j 10:36	6°♄45'50	-1°46'02	minimum elong	-4036 Nov 07 j 15:19	16°♄09'21	1°20'52
minimum elong	-4037 Nov 28 j 06:28	6°♄28'07	1°45'53		-4036 Nov 15 j 22:59	0°♄	
evening rise	-4037 Dec 09 j 16:12	26°♄40'47		evening rise	-4036 Nov 20 j 23:36	8°♄35'50	
	-4037 Dec 11 j 12:12	0°♄			-4036 Dec 03 j 20:35	0°♄	
asc. node	-4037 Dec 23 j 11:20	19°♄44'50		evening max el	-4036 Dec 08 j 20:17	6°♄18'21	18°13'15
evening max el	-4037 Dec 26 j 07:43	23°♄02'41	18°08'29	asc. node	-4036 Dec 09 j 08:25	6°♄48'06	
retrograde	-4036 Jan 02 j 01:52	26°♄31'00		retrograde	-4036 Dec 15 j 09:19	9°♄48'55	
evening set	-4036 Jan 04 j 17:54	25°♄58'49		evening set	-4036 Dec 18 j 04:53	9°♄08'11	
inferior conj	-4036 Jan 11 j 10:39	20°♄59'59	4°02'47	inferior conj	-4036 Dec 24 j 11:04	3°♄48'53	3°48'37
minimum elong	-4036 Jan 11 j 09:59	21°♄01'35	4°02'35	minimum elong	-4036 Dec 24 j 08:40	3°♄55'22	3°48'07
min. Earth dist.	-4036 Jan 14 j 12:24	18°♄05'04	0.61277 AU	min. Earth dist.	-4036 Dec 26 j 23:27	1°♄07'11	0.63130 AU
morning rise	-4036 Jan 18 j 00:46	15°♄15'12			-4036 Dec 28 j 02:02	30°♄♂	
direct	-4036 Jan 24 j 23:44	12°♄52'48		morning rise	-4036 Dec 30 j 11:44	27°♄52'44	
desc. node	-4036 Feb 04 j 00:15	17°♄02'12		direct	-4035 Jan 06 j 13:20	25°♄08'18	
morning max el	-4036 Feb 08 j 01:30	20°♄35'19	27°35'18		-4035 Jan 17 j 04:08	0°♄	
	-4036 Feb 16 j 05:34	0°♄		morning max el	-4035 Jan 20 j 07:53	2°♄52'13	27°40'15
	-4036 Mar 05 j 21:48	0°♄		desc. node	-4035 Jan 20 j 21:17	3°♄25'39	
morning set	-4036 Mar 11 j 11:13	10°♄59'01			-4035 Feb 09 j 13:51	0°♄	
max. Earth dist.	-4036 Mar 17 j 14:43	24°♄01'08	1.32672 AU	morning set	-4035 Feb 23 j 11:54	25°♄20'36	
					-4035 Feb 25 j 18:49	0°♄	
superior conj	-4036 Mar 18 j 17:14	26°♄25'24	-0°17'59	max. Earth dist.	-4035 Feb 28 j 22:04	6°♄34'05	1.33153 AU
minimum elong	-4036 Mar 18 j 18:03	26°♄29'49	0°17'55				
asc. node	-4036 Mar 20 j 10:44	0°♄11'45		superior conj	-4035 Mar 03 j 02:07	11°♄12'20	-0°42'52
	-4036 Mar 20 j 08:35	0°♄		minimum elong	-4035 Mar 03 j 04:01	11°♄22'30	0°42'38
evening rise	-4036 Mar 25 j 16:41	11°♄29'52		asc. node	-4035 Mar 07 j 07:44	20°♄20'22	
	-4036 Apr 04 j 04:58	0°♄		evening rise	-4035 Mar 10 j 04:20	26°♄25'42	
evening max el	-4036 Apr 20 j 22:58	22°♄59'40	25°00'01		-4035 Mar 11 j 21:31	0°♄	
desc. node	-4036 May 01 j 22:59	29°♄45'54			-4035 Mar 30 j 02:34	0°♄	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-4035 Apr 02 j 14:57	3° Υ 44'13	23°27'51	retrograde	-4034 Mar 27 j 21:18	20° Υ 33'48	
retrograde	-4035 Apr 16 j 04:17	10° Υ 27'22		evening set	-4034 Mar 30 j 14:42	20° Υ 17'15	
desc. node	-4035 Apr 18 j 20:07	10° Υ 11'43		desc. node	-4034 Apr 05 j 17:14	17° Υ 59'09	
evening set	-4035 Apr 19 j 21:18	9° Υ 57'13		inferior conj	-4034 Apr 08 j 23:16	16° Υ 12'24	-0°53'50
min. Earth dist.	-4035 Apr 27 j 02:06	6° Υ 39'40	0.55954 AU	minimum elong	-4034 Apr 08 j 20:46	16° Υ 15'54	0°53'02
inferior conj	-4035 Apr 29 j 00:49	5° Υ 30'08	-2°38'28	min. Earth dist.	-4034 Apr 08 j 15:53	16° Υ 22'48	0.55210 AU
minimum elong	-4035 Apr 28 j 19:00	5° Υ 38'50	2°36'50	morning rise	-4034 Apr 18 j 03:50	12° Υ 12'54	
morning rise	-4035 May 07 j 19:21	1° Υ 31'08		direct	-4034 Apr 20 j 21:33	11° Υ 56'11	
direct	-4035 May 10 j 07:20	1° Υ 15'35		morning max el	-4034 May 02 j 23:24	17° Υ 38'46	21°34'36
morning max el	-4035 May 20 j 17:15	6° Υ 06'08	20°11'56		-4034 May 12 j 16:10	0° Υ	
asc. node	-4035 Jun 03 j 07:23	25° Υ 54'59		asc. node	-4034 May 21 j 04:23	15° Υ 30'53	
	-4035 Jun 05 j 10:10	0° Υ		morning set	-4034 May 23 j 09:16	20° Υ 00'36	
morning set	-4035 Jun 08 j 00:45	5° Υ 13'03			-4034 May 28 j 03:48	0° Υ	
superior conj	-4035 Jun 15 j 19:51	21° Υ 06'59	1°39'21	superior conj	-4034 May 30 j 18:45	5° Υ 29'23	1°25'02
minimum elong	-4035 Jun 15 j 17:35	20° Υ 55'35	1°39'18	minimum elong	-4034 May 30 j 16:03	5° Υ 15'24	1°24'47
	-4035 Jun 20 j 07:51	0° Υ		max. Earth dist.	-4034 Jun 03 j 11:15	13° Υ 03'16	1.35014 AU
max. Earth dist.	-4035 Jun 20 j 22:03	1° Υ 08'24	1.36526 AU	evening rise	-4034 Jun 08 j 00:50	22° Υ 02'19	
evening rise	-4035 Jun 24 j 22:45	8° Υ 42'08			-4034 Jun 12 j 07:23	0° Υ	
	-4035 Jul 07 j 10:58	0° Υ			-4034 Jul 01 j 04:54	0° Υ	
desc. node	-4035 Jul 15 j 18:56	12° Υ 27'20		desc. node	-4034 Jul 02 j 15:59	1° Υ 57'55	
	-4035 Jul 29 j 23:17	0° Υ		evening max el	-4034 Jul 13 j 06:12	14° Υ 17'02	26°50'19
evening max el	-4035 Jul 30 j 18:56	0° Υ 48'56	25°55'38	retrograde	-4034 Jul 26 j 08:00	21° Υ 36'26	
retrograde	-4035 Aug 12 j 04:32	7° Υ 55'04		evening set	-4034 Aug 02 j 02:31	18° Υ 48'38	
evening set	-4035 Aug 18 j 10:27	5° Υ 15'34		min. Earth dist.	-4034 Aug 06 j 00:30	14° Υ 48'35	0.65579 AU
min. Earth dist.	-4035 Aug 22 j 16:09	0° Υ 36'57	0.66541 AU	inferior conj	-4034 Aug 07 j 19:42	12° Υ 41'12	-2°51'18
	-4035 Aug 23 j 03:52	30° Υ		minimum elong	-4034 Aug 07 j 23:17	12° Υ 30'38	2°50'01
inferior conj	-4035 Aug 23 j 22:20	29° Υ 01'19	-2°03'32	morning rise	-4034 Aug 13 j 20:24	7° Υ 00'05	
minimum elong	-4035 Aug 24 j 01:08	28° Υ 52'27	2°02'21	direct	-4034 Aug 16 j 19:06	6° Υ 11'51	
morning rise	-4035 Aug 29 j 15:57	23° Υ 06'55		asc. node	-4034 Aug 17 j 03:43	6° Υ 12'34	
asc. node	-4035 Aug 30 j 06:39	22° Υ 46'05		morning max el	-4034 Aug 23 j 10:25	9° Υ 51'11	18°28'38
direct	-4035 Sep 01 j 22:02	22° Υ 05'48			-4034 Sep 06 j 10:56	0° Υ	
morning max el	-4035 Sep 08 j 23:05	26° Υ 05'41	19°10'46	morning set	-4034 Sep 12 j 03:32	9° Υ 15'51	
	-4035 Sep 12 j 07:59	0° Υ			-4034 Sep 25 j 01:19	0° Υ	
morning set	-4035 Oct 01 j 18:55	29° Υ 16'00					
	-4035 Oct 02 j 06:08	0° Υ		superior conj	-4034 Sep 27 j 07:47	3° Υ 35'29	0°08'23
desc. node	-4035 Oct 11 j 18:31	14° Υ 56'46		minimum elong	-4034 Sep 27 j 08:53	3° Υ 39'50	0°08'20
max. Earth dist.	-4035 Oct 16 j 06:12	22° Υ 00'56	1.44643 AU	behind sun begin	-4034 Sep 26 j 23:05	3° Υ 01'05	
				behind sun end	-4034 Sep 27 j 18:41	4° Υ 18'33	
superior conj	-4035 Oct 18 j 08:18	25° Υ 19'07	-0°40'54	desc. node	-4034 Sep 28 j 15:28	5° Υ 40'34	
minimum elong	-4035 Oct 18 j 03:15	24° Υ 59'06	0°40'14	max. Earth dist.	-4034 Sep 29 j 00:34	6° Υ 16'27	1.44808 AU
	-4035 Oct 21 j 07:01	0° Υ		evening rise	-4034 Oct 13 j 17:47	29° Υ 25'40	
evening rise	-4035 Nov 02 j 09:06	19° Υ 32'28			-4034 Oct 14 j 02:30	0° Υ	
	-4035 Nov 08 j 18:04	0° Υ		greatest brilliancy	-4034 Oct 23 j 10:12	14° Υ 38'00	-0.8m
evening max el	-4035 Nov 22 j 08:33	19° Υ 41'02	18°36'20		-4034 Nov 03 j 00:54	0° Υ	
asc. node	-4035 Nov 26 j 05:31	22° Υ 41'53		evening max el	-4034 Nov 05 j 18:04	3° Υ 07'04	19°16'34
retrograde	-4035 Nov 29 j 00:32	23° Υ 24'13		retrograde	-4034 Nov 12 j 20:10	7° Υ 11'47	
evening set	-4035 Dec 02 j 00:54	22° Υ 33'21		asc. node	-4034 Nov 13 j 02:36	7° Υ 11'23	
inferior conj	-4035 Dec 07 j 22:53	16° Υ 55'55	3°19'38	evening set	-4034 Nov 16 j 03:09	6° Υ 08'46	
minimum elong	-4035 Dec 07 j 19:45	17° Υ 05'10	3°18'47	inferior conj	-4034 Nov 21 j 18:56	0° Υ 16'15	2°40'40
min. Earth dist.	-4035 Dec 09 j 20:25	14° Υ 41'19	0.64676 AU	minimum elong	-4034 Nov 21 j 15:53	0° Υ 25'58	2°39'39
morning rise	-4035 Dec 13 j 14:13	10° Υ 51'10			-4034 Nov 22 j 00:02	30° Υ	
direct	-4035 Dec 20 j 09:35	8° Υ 00'01		min. Earth dist.	-4034 Nov 23 j 02:33	28° Υ 35'36	0.65865 AU
morning max el	-4034 Jan 02 j 17:08	15° Υ 39'01	27°11'04	morning rise	-4034 Nov 27 j 04:22	24° Υ 05'17	
desc. node	-4034 Jan 07 j 18:17	21° Υ 10'29		direct	-4034 Dec 03 j 12:02	21° Υ 20'14	
	-4034 Jan 14 j 14:31	0° Υ		morning max el	-4034 Dec 16 j 02:53	28° Υ 44'21	26°13'57
	-4034 Feb 02 j 06:50	0° Υ			-4034 Dec 17 j 08:23	0° Υ	
morning set	-4034 Feb 07 j 03:37	9° Υ 10'21		desc. node	-4034 Dec 25 j 15:18	9° Υ 53'05	
max. Earth dist.	-4034 Feb 11 j 20:49	18° Υ 35'43	1.34042 AU		-4033 Jan 08 j 09:32	0° Υ	
				morning set	-4033 Jan 21 j 06:26	22° Υ 16'27	
superior conj	-4034 Feb 15 j 06:46	25° Υ 41'32	-1°06'31		-4033 Jan 25 j 07:33	0° Υ	
minimum elong	-4034 Feb 15 j 09:30	25° Υ 55'59	1°06'13	max. Earth dist.	-4033 Jan 25 j 08:06	0° Υ 02'40	1.35371 AU
	-4034 Feb 17 j 07:40	0° Υ					
asc. node	-4034 Feb 22 j 04:44	10° Υ 19'37		superior conj	-4033 Jan 30 j 04:49	9° Υ 45'52	-1°27'32
evening rise	-4034 Feb 22 j 14:54	11° Υ 12'46		minimum elong	-4033 Jan 30 j 07:58	10° Υ 01'54	1°27'19
	-4034 Mar 04 j 10:54	0° Υ		evening rise	-4033 Feb 06 j 22:35	25° Υ 45'00	
evening max el	-4034 Mar 15 j 10:17	14° Υ 32'01	21°54'43	asc. node	-4033 Feb 09 j 01:44	0° Υ 04'46	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4033 Feb 09 j 00:47	0°♊		evening rise	-4032 Jan 22 j 01:17	9°♊56'22	
evening max el	-4033 Feb 25 j 14:21	25°♊46'30	20°32'08	asc. node	-4032 Jan 26 j 22:46	19°♊30'19	
	-4033 Mar 03 j 19:01	0°♋			-4032 Feb 02 j 01:42	0°♋	
retrograde	-4033 Mar 08 j 11:28	0°♋56'58		evening max el	-4032 Feb 08 j 05:10	7°♋37'43	19°26'35
evening set	-4033 Mar 10 j 19:13	0°♋43'46		retrograde	-4032 Feb 17 j 10:37	12°♋00'49	
	-4033 Mar 13 j 09:52	30°♌		evening set	-4032 Feb 19 j 18:44	11°♋45'11	
inferior conj	-4033 Mar 19 j 19:19	26°♌45'35	1°02'20	inferior conj	-4032 Feb 28 j 02:48	7°♌38'23	2°38'12
minimum elong	-4033 Mar 19 j 22:03	26°♌41'36	1°01'19	minimum elong	-4032 Feb 28 j 07:49	7°♌30'09	2°36'45
min. Earth dist.	-4033 Mar 21 j 05:59	25°♌55'01	0.55388 AU	min. Earth dist.	-4032 Mar 01 j 20:58	5°♌50'38	0.56447 AU
desc. node	-4033 Mar 23 j 14:21	24°♌36'32		morning rise	-4032 Mar 07 j 18:15	2°♌50'09	
morning rise	-4033 Mar 28 j 23:31	22°♌27'01		desc. node	-4032 Mar 09 j 11:29	2°♌20'51	
direct	-4033 Apr 01 j 10:16	22°♌01'07		direct	-4032 Mar 12 j 09:12	2°♌01'21	
morning max el	-4033 Apr 14 j 19:59	28°♌34'22	23°10'25	morning max el	-4032 Mar 26 j 11:20	9°♌10'52	24°48'49
	-4033 Apr 16 j 06:33	0°♍			-4032 Apr 10 j 22:27	0°♍	
	-4033 May 05 j 10:28	0°♎		morning set	-4032 Apr 21 j 08:46	20°♍01'34	
morning set	-4033 May 07 j 20:30	4°♎58'42		asc. node	-4032 Apr 23 j 22:22	25°♍29'17	
asc. node	-4033 May 08 j 01:22	5°♎24'05			-4032 Apr 26 j 00:26	0°♎	
superior conj	-4033 May 14 j 23:59	20°♏12'28	1°06'28	superior conj	-4032 Apr 28 j 09:18	5°♏08'44	0°44'54
minimum elong	-4033 May 14 j 21:30	19°♏59'11	1°06'06	minimum elong	-4032 Apr 28 j 07:26	4°♏58'40	0°44'33
max. Earth dist.	-4033 May 17 j 10:12	25°♏20'42	1.33871 AU	max. Earth dist.	-4032 Apr 29 j 17:26	8°♏02'36	1.33100 AU
	-4033 May 19 j 15:57	0°♐		evening rise	-4032 May 05 j 15:48	20°♏31'51	
evening rise	-4033 May 22 j 15:46	6°♐02'45			-4032 May 10 j 11:10	0°♐	
	-4033 Jun 04 j 22:16	0°♑			-4032 May 29 j 01:41	0°♑	
desc. node	-4033 Jun 19 j 13:05	20°♑48'06		desc. node	-4032 Jun 05 j 10:10	8°♑40'55	
evening max el	-4033 Jun 25 j 17:06	27°♑30'59	27°20'59	evening max el	-4032 Jun 07 j 01:53	10°♑19'45	27°21'42
	-4033 Jun 28 j 11:41	0°♒		retrograde	-4032 Jun 20 j 22:06	17°♑43'33	
retrograde	-4033 Jul 09 j 06:05	4°♒55'31		evening set	-4032 Jun 28 j 00:48	15°♑15'14	
evening set	-4033 Jul 16 j 08:30	2°♒10'28		min. Earth dist.	-4032 Jul 01 j 14:51	12°♑18'40	0.62536 AU
	-4033 Jul 18 j 19:28	30°♒♑		inferior conj	-4032 Jul 04 j 13:15	9°♑29'34	-4°03'44
min. Earth dist.	-4033 Jul 20 j 00:28	28°♑46'14	0.64235 AU	minimum elong	-4032 Jul 04 j 16:08	9°♑22'36	4°03'11
inferior conj	-4033 Jul 22 j 09:37	26°♑12'30	-3°32'40	morning rise	-4032 Jul 11 j 08:41	4°♑23'40	
minimum elong	-4033 Jul 22 j 13:22	26°♑02'24	3°31'38	direct	-4032 Jul 13 j 23:02	3°♑52'52	
morning rise	-4033 Jul 28 j 18:56	20°♑47'41		morning max el	-4032 Jul 20 j 15:29	7°♑17'13	17°56'27
direct	-4033 Jul 31 j 12:27	20°♑09'25		asc. node	-4032 Jul 20 j 21:53	7°♑33'10	
asc. node	-4033 Aug 04 j 00:47	21°♑12'28			-4032 Aug 04 j 10:15	0°♒	
morning max el	-4033 Aug 07 j 00:46	23°♑36'51	18°03'33	morning set	-4032 Aug 06 j 00:56	2°♒52'45	
	-4033 Aug 12 j 03:00	0°♓					
morning set	-4033 Aug 24 j 15:01	20°♓32'08		superior conj	-4032 Aug 17 j 08:42	22°♓42'15	1°25'59
	-4033 Aug 30 j 05:16	0°♈		minimum elong	-4032 Aug 17 j 13:55	23°♓04'26	1°25'41
					-4032 Aug 21 j 17:15	0°♈	
superior conj	-4033 Sep 06 j 19:16	12°♈30'19	0°53'38	max. Earth dist.	-4032 Aug 24 j 06:30	4°♈11'08	1.43053 AU
minimum elong	-4033 Sep 07 j 00:42	12°♈52'21	0°53'06	evening rise	-4032 Sep 01 j 09:00	17°♈05'25	
max. Earth dist.	-4033 Sep 11 j 17:29	20°♈25'13	1.44249 AU	desc. node	-4032 Sep 01 j 09:24	17°♈07'01	
desc. node	-4033 Sep 15 j 12:26	26°♈25'00			-4032 Sep 09 j 19:18	0°♉	
	-4033 Sep 17 j 19:16	0°♊			-4032 Oct 01 j 21:53	0°♊	
evening rise	-4033 Sep 23 j 04:50	8°♊23'34		evening max el	-4032 Oct 01 j 21:34	29°♊59'12	21°21'00
	-4033 Oct 07 j 10:12	0°♋		retrograde	-4032 Oct 10 j 14:08	5°♋08'21	
evening max el	-4033 Oct 19 j 22:48	16°♋33'28	20°12'21	evening set	-4032 Oct 14 j 17:00	3°♋33'22	
retrograde	-4033 Oct 27 j 17:25	21°♋07'27		asc. node	-4032 Oct 16 j 20:51	1°♋28'33	
asc. node	-4033 Oct 30 j 23:42	20°♋05'42			-4032 Oct 18 j 02:09	30°♌♊	
evening set	-4033 Oct 31 j 09:12	19°♋49'44		inferior conj	-4032 Oct 20 j 01:35	27°♊21'05	1°04'48
inferior conj	-4033 Nov 05 j 20:34	13°♋45'38	1°54'57	minimum elong	-4032 Oct 20 j 00:08	27°♊26'05	1°04'12
minimum elong	-4033 Nov 05 j 18:09	13°♋53'45	1°54'01	min. Earth dist.	-4032 Oct 20 j 09:48	26°♊52'52	0.67213 AU
min. Earth dist.	-4033 Nov 06 j 15:50	12°♋41'09	0.66701 AU	morning rise	-4032 Oct 25 j 07:05	21°♊05'37	
morning rise	-4033 Nov 11 j 02:53	7°♋31'00		direct	-4032 Oct 30 j 09:08	18°♊55'41	
direct	-4033 Nov 16 j 20:06	5°♋01'00		morning max el	-4032 Nov 09 j 20:47	25°♊11'31	23°32'28
morning max el	-4033 Nov 28 j 11:44	11°♋56'54	24°57'51		-4032 Nov 14 j 04:57	0°♌	
desc. node	-4033 Dec 12 j 12:18	29°♌16'26		desc. node	-4032 Nov 28 j 09:16	19°♌08'21	
	-4033 Dec 13 j 00:41	0°♍			-4032 Dec 05 j 13:31	0°♍	
	-4032 Jan 01 j 02:56	0°♎		morning set	-4032 Dec 14 j 23:27	15°♍15'58	
morning set	-4032 Jan 03 j 15:08	4°♎24'06		max. Earth dist.	-4032 Dec 19 j 04:03	22°♍28'15	1.39144 AU
max. Earth dist.	-4032 Jan 07 j 08:29	11°♎08'58	1.37116 AU		-4032 Dec 23 j 09:19	0°♎	
superior conj	-4032 Jan 13 j 17:18	23°♏17'00	-1°44'04	superior conj	-4032 Dec 26 j 16:08	6°♏03'16	-1°53'35
minimum elong	-4032 Jan 13 j 20:02	23°♏30'24	1°44'02	minimum elong	-4032 Dec 26 j 17:15	6°♏08'27	1°53'42
	-4032 Jan 17 j 02:37	0°♐		evening rise	-4031 Jan 04 j 20:25	23°♏39'28	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4031 Jan 08 j 03:40	0°♄		evening rise	-4031 Dec 19 j 04:52	6°♄47'26	
asc. node	-4031 Jan 12 j 19:50	8°♄28'44		asc. node	-4031 Dec 30 j 16:55	26°♄51'24	
evening max el	-4031 Jan 21 j 05:28	20°♄02'00	18°40'27		-4030 Jan 01 j 23:45	0°♄	
retrograde	-4031 Jan 29 j 03:02	23°♄51'43		evening max el	-4030 Jan 04 j 12:45	2°♄52'10	18°14'24
evening set	-4031 Jan 31 j 14:27	23°♄30'34		retrograde	-4030 Jan 11 j 13:48	6°♄24'22	
inferior conj	-4031 Feb 08 j 05:23	19°♄05'29	3°37'30	evening set	-4030 Jan 14 j 04:13	5°♄56'24	
minimum elong	-4031 Feb 08 j 08:59	18°♄58'37	3°36'47	inferior conj	-4030 Jan 21 j 04:12	1°♄09'33	4°01'36
min. Earth dist.	-4031 Feb 11 j 13:40	16°♄34'15	0.58146 AU	minimum elong	-4030 Jan 21 j 04:59	1°♄07'49	4°01'23
morning rise	-4031 Feb 16 j 01:06	13°♄49'55			-4030 Jan 22 j 11:32	30°♄♂	
direct	-4031 Feb 21 j 21:14	12°♄25'23		min. Earth dist.	-4030 Jan 24 j 11:06	28°♄16'46	0.60133 AU
desc. node	-4031 Feb 24 j 08:35	12°♄40'28		morning rise	-4030 Jan 28 j 04:08	25°♄33'38	
morning max el	-4031 Mar 08 j 03:22	19°♄54'03	26°15'22	direct	-4030 Feb 03 j 20:36	23°♄30'37	
	-4031 Mar 16 j 18:20	0°♄		desc. node	-4030 Feb 11 j 05:41	25°♄46'29	
	-4031 Apr 03 j 09:42	0°♄			-4030 Feb 16 j 19:44	0°♄	
morning set	-4031 Apr 05 j 20:18	5°♄01'53		morning max el	-4030 Feb 18 j 00:51	1°♄08'46	27°15'56
asc. node	-4031 Apr 10 j 19:23	15°♄40'44			-4030 Mar 10 j 20:09	0°♄	
				morning set	-4030 Mar 21 j 05:19	19°♄53'16	
superior conj	-4031 Apr 12 j 20:39	20°♄10'03	0°21'18		-4030 Mar 25 j 23:25	0°♄	
minimum elong	-4031 Apr 12 j 19:43	20°♄04'58	0°21'04	superior conj	-4030 Mar 28 j 08:21	5°♄10'25	-0°03'30
max. Earth dist.	-4031 Apr 13 j 05:42	20°♄59'30	1.32673 AU	minimum elong	-4030 Mar 28 j 08:31	5°♄11'18	0°03'33
	-4031 Apr 17 j 09:27	0°♄		behind sun begin	-4030 Mar 28 j 03:36	4°♄44'28	
evening rise	-4031 Apr 19 j 21:51	5°♄18'20		behind sun end	-4030 Mar 28 j 13:25	5°♄38'08	
	-4031 May 03 j 03:38	0°♄		max. Earth dist.	-4030 Mar 27 j 19:11	3°♄58'28	1.32581 AU
evening max el	-4031 May 20 j 06:02	22°♄31'23	26°49'38	asc. node	-4030 Mar 28 j 16:22	5°♄54'18	
desc. node	-4031 May 23 j 07:17	25°♄11'46		evening rise	-4030 Apr 04 j 07:35	20°♄13'55	
retrograde	-4031 Jun 03 j 06:33	29°♄51'33			-4030 Apr 09 j 03:13	0°♄	
evening set	-4031 Jun 09 j 23:12	27°♄53'30			-4030 Apr 28 j 08:40	0°♄	
min. Earth dist.	-4031 Jun 13 j 19:34	25°♄11'01	0.60571 AU	evening max el	-4030 May 02 j 03:47	4°♄00'08	25°46'47
inferior conj	-4031 Jun 17 j 03:07	22°♄23'43	-4°18'32	desc. node	-4030 May 10 j 04:25	9°♄48'02	
minimum elong	-4031 Jun 17 j 03:46	22°♄22'21	4°18'23	retrograde	-4030 May 16 j 05:45	11°♄14'20	
morning rise	-4031 Jun 24 j 10:12	17°♄38'56		evening set	-4030 May 22 j 00:20	9°♄54'18	
direct	-4031 Jun 26 j 23:01	17°♄13'52		min. Earth dist.	-4030 May 26 j 16:12	7°♄09'17	0.58538 AU
morning max el	-4031 Jul 04 j 03:46	20°♄44'59	18°08'28	inferior conj	-4030 May 29 j 23:32	4°♄45'01	-4°08'23
asc. node	-4031 Jul 07 j 18:58	24°♄58'43		minimum elong	-4030 May 29 j 20:45	4°♄50'06	4°08'01
	-4031 Jul 11 j 03:51	0°♄		morning rise	-4030 Jun 06 j 19:52	0°♄22'00	
morning set	-4031 Jul 20 j 03:52	16°♄03'34		direct	-4030 Jun 09 j 07:56	0°♄01'37	
	-4031 Jul 27 j 16:33	0°♄		morning max el	-4030 Jun 17 j 10:44	3°♄51'47	18°40'25
superior conj	-4031 Jul 30 j 01:04	4°♄14'41	1°43'48	asc. node	-4030 Jun 24 j 16:00	13°♄14'37	
minimum elong	-4031 Jul 30 j 03:45	4°♄26'44	1°43'51	morning set	-4030 Jul 03 j 19:07	29°♄52'23	
max. Earth dist.	-4031 Aug 06 j 14:24	17°♄21'41	1.41379 AU		-4030 Jul 03 j 20:41	0°♄	
evening rise	-4031 Aug 12 j 02:21	26°♄25'47		superior conj	-4030 Jul 12 j 15:19	16°♄53'57	1°49'12
	-4031 Aug 14 j 07:48	0°♄		minimum elong	-4030 Jul 12 j 15:26	16°♄54'28	1°49'23
desc. node	-4031 Aug 19 j 06:23	7°♄43'20		max. Earth dist.	-4030 Jul 19 j 17:28	29°♄49'17	1.39452 AU
	-4031 Sep 03 j 14:01	0°♄			-4030 Jul 19 j 19:54	0°♄	
evening max el	-4031 Sep 14 j 14:24	13°♄24'54	22°38'28	evening rise	-4030 Jul 23 j 20:32	6°♄57'32	
retrograde	-4031 Sep 24 j 08:42	19°♄12'26		desc. node	-4030 Aug 06 j 03:23	28°♄09'34	
evening set	-4031 Sep 29 j 00:44	17°♄18'09			-4030 Aug 07 j 08:59	0°♄	
asc. node	-4031 Oct 03 j 17:59	11°♄49'42		evening max el	-4030 Aug 28 j 02:49	26°♄51'37	23°59'13
inferior conj	-4031 Oct 04 j 08:07	11°♄01'00	0°12'06		-4030 Aug 31 j 14:32	0°♄	
minimum elong	-4031 Oct 04 j 07:50	11°♄01'59	0°12'02	retrograde	-4030 Sep 08 j 00:01	3°♄16'15	
transit middle	-4031 Oct 04 j 07:50	11°♄01'59	0°12'02	evening set	-4030 Sep 13 j 06:39	1°♄02'15	
transit begin	-4031 Oct 04 j 06:00	11°♄08'18			-4030 Sep 14 j 08:56	30°♄♂	
transit end	-4031 Oct 04 j 09:40	10°♄55'41		min. Earth dist.	-4030 Sep 18 j 01:53	25°♄25'56	0.67331 AU
min. Earth dist.	-4031 Oct 04 j 05:58	11°♄08'27	0.67421 AU	inferior conj	-4030 Sep 18 j 14:23	24°♄43'29	-0°41'29
morning rise	-4031 Oct 09 j 14:48	4°♄47'38		minimum elong	-4030 Sep 18 j 15:22	24°♄40'11	0°40'58
direct	-4031 Oct 14 j 02:13	2°♄59'22		asc. node	-4030 Sep 20 j 15:07	22°♄02'39	
morning max el	-4031 Oct 23 j 09:15	8°♄30'39	22°07'03	morning rise	-4030 Sep 24 j 00:03	18°♄35'08	
	-4031 Nov 08 j 23:02	0°♄		direct	-4030 Sep 27 j 22:20	17°♄07'28	
desc. node	-4031 Nov 15 j 06:13	9°♄20'40		morning max el	-4030 Oct 06 j 04:01	21°♄57'25	20°48'41
morning set	-4031 Nov 25 j 03:06	24°♄44'02			-4030 Oct 12 j 20:53	0°♄	
	-4031 Nov 28 j 08:53	0°♄		desc. node	-4030 Nov 02 j 03:08	29°♄46'48	
max. Earth dist.	-4031 Dec 01 j 03:02	4°♄34'14	1.41191 AU		-4030 Nov 02 j 06:33	0°♄	
superior conj	-4031 Dec 08 j 20:09	17°♄51'30	-1°52'44	morning set	-4030 Nov 04 j 06:56	3°♄07'40	
minimum elong	-4031 Dec 08 j 18:12	17°♄42'51	1°52'48	max. Earth dist.	-4030 Nov 13 j 09:05	17°♄33'30	1.42959 AU
	-4031 Dec 15 j 13:02	0°♄					

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4030 Nov 19 j 23:28	28° Ω 26'45	-1°37'42			-4029 Nov 13 j 11:13	0° \mathbb{M}	
minimum elong	-4030 Nov 19 j 17:51	28° Ω 03'10	1°37'21	evening rise		-4029 Nov 13 j 21:13	0° \mathbb{M} 42'07	
	-4030 Nov 20 j 21:37	0° \mathbb{M}		evening max el		-4029 Dec 02 j 12:43	29° \mathbb{M} 18'08	18°20'55
evening rise	-4030 Dec 01 j 22:38	19° \mathbb{M} 11'14				-4029 Dec 03 j 05:51	0° \mathbb{J}	
	-4030 Dec 08 j 01:50	0° \mathbb{J}		asc. node		-4029 Dec 04 j 11:04	1° \mathbb{J} 02'15	
asc. node	-4030 Dec 17 j 13:59	14° \mathbb{J} 26'59		retrograde		-4029 Dec 09 j 02:18	2° \mathbb{J} 53'16	
evening max el	-4030 Dec 19 j 00:04	15° \mathbb{J} 59'35	18°08'10	evening set		-4029 Dec 11 j 23:35	2° \mathbb{J} 08'37	
retrograde	-4030 Dec 25 j 15:04	19° \mathbb{J} 27'52				-4029 Dec 14 j 22:10	30° \mathbb{R} \mathbb{M}	
evening set	-4030 Dec 28 j 08:26	18° \mathbb{J} 52'12		inferior conj		-4029 Dec 18 j 02:01	26° \mathbb{M} 41'21	3°37'48
inferior conj	-4029 Jan 03 j 20:21	13° \mathbb{J} 44'07	3°58'58	minimum elong		-4029 Dec 17 j 23:11	26° \mathbb{M} 49'18	3°37'10
minimum elong	-4029 Jan 03 j 18:49	13° \mathbb{J} 48'01	3°58'41	min. Earth dist.		-4029 Dec 20 j 08:08	24° \mathbb{M} 09'37	0.63822 AU
min. Earth dist.	-4029 Jan 06 j 16:42	10° \mathbb{J} 52'47	0.62091 AU	morning rise		-4029 Dec 23 j 22:12	20° \mathbb{M} 40'55	
morning rise	-4029 Jan 10 j 04:11	7° \mathbb{J} 53'52		direct		-4029 Dec 30 j 21:55	17° \mathbb{M} 51'40	
direct	-4029 Jan 17 j 05:17	5° \mathbb{J} 20'34		morning max el		-4028 Jan 13 j 12:45	25° \mathbb{M} 35'34	27°31'47
desc. node	-4029 Jan 29 j 02:45	11° \mathbb{J} 08'03		desc. node		-4028 Jan 15 j 23:46	28° \mathbb{M} 09'18	
morning max el	-4029 Jan 31 j 04:41	13° \mathbb{J} 04'17	27°41'56			-4028 Jan 17 j 15:11	0° \mathbb{J}	
	-4029 Feb 13 j 18:51	0° \mathbb{Z}				-4028 Feb 07 j 05:43	0° \mathbb{Z}	
	-4029 Mar 03 j 04:13	0° \approx		morning set		-4028 Feb 17 j 07:03	18° \mathbb{Z} 38'06	
morning set	-4029 Mar 05 j 09:46	4° \approx 28'30		max. Earth dist.		-4028 Feb 22 j 10:03	29° \mathbb{Z} 05'45	1.33468 AU
max. Earth dist.	-4029 Mar 11 j 06:02	16° \approx 45'27	1.32831 AU			-4028 Feb 22 j 20:24	0° \approx	
superior conj	-4029 Mar 12 j 18:45	20° \approx 04'04	-0°28'36	superior conj		-4028 Feb 25 j 02:05	4° \approx 44'19	-0°53'07
minimum elong	-4029 Mar 12 j 20:02	20° \approx 11'01	0°28'28	minimum elong		-4028 Feb 25 j 04:22	4° \approx 56'32	0°52'51
asc. node	-4029 Mar 15 j 13:21	26° \approx 05'56		asc. node		-4028 Mar 01 j 10:19	16° \approx 11'05	
	-4029 Mar 17 j 08:36	0° \mathbb{H}		evening rise		-4028 Mar 03 j 06:25	20° \approx 04'16	
evening rise	-4029 Mar 19 j 19:02	5° \mathbb{H} 11'36				-4028 Mar 08 j 04:01	0° \mathbb{H}	
	-4029 Apr 02 j 02:53	0° \mathbb{Y}		evening max el		-4028 Mar 25 j 13:01	25° \mathbb{H} 37'30	22°47'40
evening max el	-4029 Apr 13 j 20:25	14° \mathbb{Y} 54'38	24°21'42			-4028 Mar 31 j 07:01	0° \mathbb{Y}	
desc. node	-4029 Apr 27 j 01:33	21° \mathbb{Y} 53'31		retrograde		-4028 Apr 07 j 17:31	2° \mathbb{Y} 05'40	
retrograde	-4029 Apr 27 j 17:56	21° \mathbb{Y} 54'35		evening set		-4028 Apr 10 j 22:34	1° \mathbb{Y} 43'05	
evening set	-4029 May 02 j 05:13	21° \mathbb{Y} 09'40		desc. node		-4028 Apr 12 j 22:40	1° \mathbb{Y} 07'37	
min. Earth dist.	-4029 May 08 j 08:14	18° \mathbb{Y} 07'13	0.56738 AU			-4028 Apr 15 j 14:12	30° \mathbb{R} \mathbb{H}	
inferior conj	-4029 May 11 j 00:01	16° \mathbb{Y} 26'01	-3°23'04	min. Earth dist.		-4028 Apr 18 j 22:44	28° \mathbb{H} 11'33	0.55526 AU
minimum elong	-4029 May 10 j 18:22	16° \mathbb{Y} 35'02	3°21'48	inferior conj		-4028 Apr 20 j 05:56	27° \mathbb{H} 26'34	-1°57'32
morning rise	-4029 May 19 j 10:41	12° \mathbb{Y} 21'12		minimum elong		-4028 Apr 20 j 01:00	27° \mathbb{H} 33'42	1°56'01
direct	-4029 May 21 j 22:04	12° \mathbb{Y} 04'35		morning rise		-4028 Apr 29 j 05:35	23° \mathbb{H} 29'21	
morning max el	-4029 May 31 j 09:40	16° \mathbb{Y} 28'47	19°32'47	direct		-4028 May 01 j 18:40	23° \mathbb{H} 14'06	
	-4029 Jun 10 j 07:48	0° \mathbb{B}		morning max el		-4028 May 12 j 22:16	28° \mathbb{H} 26'33	20°44'58
asc. node	-4029 Jun 11 j 13:01	2° \mathbb{B} 09'09				-4028 May 14 j 11:52	0° \mathbb{Y}	
morning set	-4029 Jun 17 j 19:11	14° \mathbb{B} 10'18		asc. node		-4028 May 28 j 09:59	21° \mathbb{Y} 32'08	
				morning set		-4028 Jun 01 j 01:15	28° \mathbb{Y} 48'50	
superior conj	-4029 Jun 25 j 21:49	0° \mathbb{I} 24'21	1°45'04			-4028 Jun 01 j 15:08	0° \mathbb{B}	
minimum elong	-4029 Jun 25 j 20:10	0° \mathbb{I} 16'12	1°45'08	superior conj		-4028 Jun 08 j 15:48	14° \mathbb{B} 30'59	1°33'54
	-4029 Jun 25 j 16:52	0° \mathbb{I}		minimum elong		-4028 Jun 08 j 13:16	14° \mathbb{B} 18'03	1°33'45
max. Earth dist.	-4029 Jul 01 j 19:37	11° \mathbb{I} 43'22	1.37533 AU	max. Earth dist.		-4028 Jun 13 j 03:12	23° \mathbb{B} 29'25	1.35841 AU
evening rise	-4029 Jul 05 j 16:18	18° \mathbb{I} 45'28				-4028 Jun 16 j 12:19	0° \mathbb{I}	
	-4029 Jul 12 j 05:08	0° \mathbb{E}		evening rise		-4028 Jun 17 j 08:54	1° \mathbb{I} 36'40	
desc. node	-4029 Jul 24 j 00:25	18° \mathbb{E} 20'40				-4028 Jul 04 j 05:52	0° \mathbb{E}	
	-4029 Aug 01 j 12:50	0° \mathbb{Q}		desc. node		-4028 Jul 09 j 21:30	8° \mathbb{E} 08'46	
evening max el	-4029 Aug 10 j 13:26	10° \mathbb{Q} 21'38	25°16'07	evening max el		-4028 Jul 23 j 00:23	23° \mathbb{E} 52'38	26°21'20
retrograde	-4029 Aug 22 j 11:19	17° \mathbb{Q} 16'18				-4028 Jul 31 j 05:17	0° \mathbb{Q}	
evening set	-4029 Aug 28 j 08:55	14° \mathbb{Q} 44'39		retrograde		-4028 Aug 04 j 17:55	1° \mathbb{Q} 06'18	
min. Earth dist.	-4029 Sep 01 j 19:16	9° \mathbb{Q} 44'19	0.66927 AU			-4028 Aug 08 j 21:44	30° \mathbb{R} \mathbb{E}	
inferior conj	-4029 Sep 02 j 18:44	8° \mathbb{Q} 27'35	-1°34'15	evening set		-4028 Aug 11 j 05:26	28° \mathbb{E} 22'15	
minimum elong	-4029 Sep 02 j 20:55	8° \mathbb{Q} 20'27	1°33'14	min. Earth dist.		-4028 Aug 15 j 07:44	23° \mathbb{E} 59'51	0.66176 AU
asc. node	-4029 Sep 07 j 12:13	3° \mathbb{Q} 06'09		inferior conj		-4028 Aug 16 j 19:16	22° \mathbb{E} 10'15	-2°24'25
morning rise	-4029 Sep 08 j 09:00	2° \mathbb{Q} 27'12		minimum elong		-4028 Aug 16 j 22:27	22° \mathbb{E} 00'26	2°23'09
direct	-4029 Sep 11 j 20:15	1° \mathbb{Q} 17'27		morning rise		-4028 Aug 22 j 15:42	16° \mathbb{E} 20'58	
morning max el	-4029 Sep 19 j 06:05	5° \mathbb{Q} 33'27	19°42'14	asc. node		-4028 Aug 24 j 09:17	15° \mathbb{E} 36'36	
	-4029 Oct 06 j 20:41	0° \mathbb{P}		direct		-4028 Aug 25 j 18:16	15° \mathbb{E} 25'50	
morning set	-4029 Oct 14 j 06:20	11° \mathbb{P} 25'53		morning max el		-4028 Sep 01 j 14:31	19° \mathbb{E} 16'19	18°50'43
desc. node	-4029 Oct 20 j 00:04	20° \mathbb{P} 22'41				-4028 Sep 09 j 19:23	0° \mathbb{Q}	
	-4029 Oct 26 j 02:44	0° \mathbb{A}		morning set		-4028 Sep 22 j 23:33	20° \mathbb{Q} 40'22	
max. Earth dist.	-4029 Oct 26 j 21:35	1° \mathbb{A} 14'48	1.44214 AU			-4028 Sep 28 j 20:35	0° \mathbb{P}	
superior conj	-4029 Oct 30 j 23:15	7° \mathbb{A} 45'01	-1°05'59	desc. node		-4028 Oct 05 j 21:02	11° \mathbb{P} 04'46	
minimum elong	-4029 Oct 30 j 16:25	7° \mathbb{A} 17'34	1°05'13	max. Earth dist.		-4028 Oct 08 j 14:21	15° \mathbb{P} 22'03	1.44801 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4028 Oct 09 j 02:18	16° \mathbb{M} 09'08	-0°20'20	superior conj	-4027 Sep 18 j 04:14	24° \mathcal{Q} 34'23	0°28'48
minimum elong	-4028 Oct 08 j 23:38	15° \mathbb{M} 58'39	0°19'55	minimum elong	-4027 Sep 18 j 07:44	24° \mathcal{Q} 48'17	0°28'26
	-4028 Oct 17 j 20:21	0° \mathfrak{L}		max. Earth dist.	-4027 Sep 21 j 08:37	29° \mathcal{Q} 37'25	1.44660 AU
evening rise	-4028 Oct 24 j 20:16	11° \mathfrak{L} 11'49			-4027 Sep 21 j 14:19	0° \mathbb{M}	
	-4028 Nov 05 j 14:40	0° \mathbb{M}		desc. node	-4027 Sep 22 j 18:00	1° \mathbb{M} 49'16	
evening max el	-4028 Nov 15 j 00:08	12° \mathbb{M} 43'08	18°51'33	evening rise	-4027 Oct 04 j 18:42	20° \mathbb{M} 38'47	
asc. node	-4028 Nov 20 j 08:09	16° \mathbb{M} 22'13			-4027 Oct 10 j 19:11	0° \mathfrak{L}	
retrograde	-4028 Nov 21 j 19:40	16° \mathbb{M} 34'26		greatest brilliancy	-4027 Oct 16 j 16:43	9° \mathfrak{L} 03'17	-0.7m
evening set	-4028 Nov 24 j 22:33	15° \mathbb{M} 38'47		evening max el	-4027 Oct 29 j 07:56	26° \mathfrak{L} 10'05	19°38'38
inferior conj	-4028 Nov 30 j 17:42	9° \mathbb{M} 54'51	3°04'07		-4027 Nov 03 j 11:51	0° \mathbb{M}	
minimum elong	-4028 Nov 30 j 14:31	10° \mathbb{M} 04'34	3°03'10	retrograde	-4027 Nov 05 j 16:09	0° \mathbb{M} 25'54	
min. Earth dist.	-4028 Dec 02 j 09:15	7° \mathbb{M} 53'52	0.65224 AU	asc. node	-4027 Nov 07 j 05:16	0° \mathbb{M} 12'03	
morning rise	-4028 Dec 06 j 06:08	3° \mathbb{M} 47'12			-4027 Nov 07 j 18:47	30° \mathbb{R} \mathfrak{L}	
direct	-4028 Dec 12 j 21:08	0° \mathbb{M} 56'53		evening set	-4027 Nov 09 j 02:41	29° \mathfrak{L} 16'51	
morning max el	-4028 Dec 25 j 22:17	8° \mathbb{M} 31'26	26°49'42	inferior conj	-4027 Nov 14 j 16:24	23° \mathfrak{L} 19'11	2°21'56
desc. node	-4027 Jan 01 j 20:46	16° \mathbb{M} 21'28		minimum elong	-4027 Nov 14 j 13:33	23° \mathfrak{L} 28'27	2°20'54
	-4027 Jan 11 j 19:08	0° \mathfrak{X}		min. Earth dist.	-4027 Nov 15 j 18:34	21° \mathfrak{L} 53'53	0.66266 AU
	-4027 Jan 29 j 14:11	0° \mathfrak{Z}		morning rise	-4027 Nov 20 j 00:12	17° \mathfrak{L} 06'36	
morning set	-4027 Jan 30 j 17:51	2° \mathfrak{Z} 11'21		direct	-4027 Nov 26 j 02:04	14° \mathfrak{L} 27'04	
max. Earth dist.	-4027 Feb 04 j 03:50	10° \mathfrak{Z} 51'08	1.34543 AU	morning max el	-4027 Dec 08 j 07:27	21° \mathfrak{L} 40'04	25°43'20
					-4027 Dec 15 j 14:51	0° \mathbb{M}	
superior conj	-4027 Feb 08 j 04:16	19° \mathfrak{Z} 04'27	-1°15'51	desc. node	-4027 Dec 19 j 17:48	5° \mathbb{M} 23'07	
minimum elong	-4027 Feb 08 j 07:15	19° \mathfrak{Z} 20'00	1°15'34		-4026 Jan 05 j 00:39	0° \mathfrak{X}	
	-4027 Feb 13 j 09:14	0° \mathfrak{A}		morning set	-4026 Jan 13 j 13:36	14° \mathfrak{X} 53'57	
evening rise	-4027 Feb 15 j 15:59	4° \mathfrak{A} 46'00		max. Earth dist.	-4026 Jan 17 j 10:02	22° \mathfrak{X} 05'52	1.36069 AU
asc. node	-4027 Feb 16 j 07:20	6° \mathfrak{A} 05'20			-4026 Jan 21 j 11:26	0° \mathfrak{Z}	
	-4027 Mar 01 j 19:42	0° \mathfrak{X}					
evening max el	-4027 Mar 07 j 11:47	6° \mathfrak{X} 35'38	21°17'59	superior conj	-4026 Jan 22 j 22:40	2° \mathfrak{Z} 55'46	-1°35'15
retrograde	-4027 Mar 19 j 07:37	12° \mathfrak{X} 15'29		minimum elong	-4026 Jan 23 j 01:45	3° \mathfrak{Z} 11'17	1°35'05
evening set	-4027 Mar 21 j 19:12	12° \mathfrak{X} 01'23		evening rise	-4026 Jan 30 j 21:48	19° \mathfrak{Z} 09'57	
desc. node	-4027 Mar 30 j 19:46	8° \mathfrak{X} 10'19		asc. node	-4026 Feb 03 j 04:22	25° \mathfrak{Z} 42'51	
inferior conj	-4027 Mar 31 j 01:40	8° \mathfrak{X} 01'59	-0°04'05		-4026 Feb 05 j 10:04	0° \mathfrak{A}	
minimum elong	-4027 Mar 31 j 01:28	8° \mathfrak{X} 02'16	0°04'06	evening max el	-4026 Feb 17 j 20:23	18° \mathfrak{A} 05'00	20°01'58
transit middle	-4027 Mar 31 j 01:28	8° \mathfrak{X} 02'16	0°04'06	retrograde	-4026 Feb 27 j 23:46	22° \mathfrak{A} 53'43	
transit begin	-4027 Mar 30 j 21:30	8° \mathfrak{X} 07'52		evening set	-4026 Mar 02 j 07:13	22° \mathfrak{A} 39'51	
transit end	-4027 Mar 31 j 05:26	7° \mathfrak{X} 56'40		inferior conj	-4026 Mar 11 j 00:58	18° \mathfrak{A} 39'33	1°46'56
min. Earth dist.	-4027 Mar 31 j 12:53	7° \mathfrak{X} 46'09	0.55171 AU	minimum elong	-4026 Mar 11 j 05:12	18° \mathfrak{A} 33'07	1°45'30
morning rise	-4027 Apr 09 j 07:34	3° \mathfrak{X} 56'06		min. Earth dist.	-4026 Mar 13 j 02:54	17° \mathfrak{A} 23'53	0.55745 AU
direct	-4027 Apr 12 j 07:04	3° \mathfrak{X} 36'39		desc. node	-4026 Mar 17 j 16:53	14° \mathfrak{A} 59'24	
morning max el	-4027 Apr 24 j 23:58	9° \mathfrak{X} 42'18	22°14'04	morning rise	-4026 Mar 20 j 01:08	14° \mathfrak{A} 09'18	
	-4027 May 09 j 11:58	0° \mathbb{Y}		direct	-4026 Mar 23 j 23:14	13° \mathfrak{A} 35'28	
asc. node	-4027 May 15 j 07:00	11° \mathbb{Y} 16'19		morning max el	-4026 Apr 06 j 17:23	20° \mathfrak{A} 25'37	23°52'48
morning set	-4027 May 16 j 11:11	13° \mathbb{Y} 41'46			-4026 Apr 14 j 20:05	0° \mathfrak{X}	
				morning set	-4026 Apr 30 j 23:06	28° \mathfrak{X} 42'48	
superior conj	-4027 May 23 j 17:44	29° \mathbb{Y} 03'20	1°17'35		-4026 May 01 j 13:47	0° \mathbb{Y}	
minimum elong	-4027 May 23 j 15:04	28° \mathbb{Y} 49'17	1°17'17	asc. node	-4026 May 02 j 04:01	1° \mathbb{Y} 15'20	
	-4027 May 24 j 04:31	0° \mathfrak{B}					
max. Earth dist.	-4027 May 26 j 20:38	5° \mathfrak{B} 33'14	1.34492 AU	superior conj	-4026 May 08 j 00:58	13° \mathbb{Y} 52'47	0°57'37
evening rise	-4027 May 31 j 17:03	15° \mathfrak{B} 16'08		minimum elong	-4026 May 07 j 22:42	13° \mathbb{Y} 40'36	0°57'15
	-4027 Jun 08 j 16:48	0° \mathbb{I}		max. Earth dist.	-4026 May 09 j 23:44	18° \mathbb{Y} 03'06	1.33503 AU
desc. node	-4027 Jun 26 j 18:33	27° \mathbb{I} 23'55		evening rise	-4026 May 15 j 12:17	29° \mathbb{Y} 30'12	
	-4027 Jun 28 j 20:36	0° \mathfrak{E}			-4026 May 15 j 18:14	0° \mathfrak{B}	
evening max el	-4027 Jul 05 j 11:56	7° \mathfrak{E} 17'04	27°06'41		-4026 Jun 01 j 18:54	0° \mathbb{I}	
retrograde	-4027 Jul 18 j 19:08	14° \mathfrak{E} 38'59		desc. node	-4026 Jun 13 j 15:37	15° \mathbb{I} 52'28	
evening set	-4027 Jul 25 j 17:36	11° \mathfrak{E} 51'14		evening max el	-4026 Jun 17 j 22:26	20° \mathbb{I} 22'57	27°25'12
min. Earth dist.	-4027 Jul 29 j 12:53	8° \mathfrak{E} 06'39	0.65058 AU	retrograde	-4026 Jul 01 j 14:31	27° \mathbb{I} 46'42	
inferior conj	-4027 Jul 31 j 13:48	5° \mathfrak{E} 47'27	-3°09'50	evening set	-4026 Jul 08 j 18:18	25° \mathbb{I} 07'06	
minimum elong	-4027 Jul 31 j 17:33	5° \mathfrak{E} 36'46	3°08'37	min. Earth dist.	-4026 Jul 12 j 08:51	21° \mathbb{I} 56'02	0.63559 AU
morning rise	-4027 Aug 06 j 17:58	0° \mathfrak{E} 12'35		inferior conj	-4026 Jul 14 j 23:48	19° \mathbb{I} 14'21	-3°47'23
	-4027 Aug 07 j 04:42	30° \mathbb{R} \mathbb{I}		minimum elong	-4026 Jul 15 j 03:20	19° \mathbb{I} 05'15	3°46'33
direct	-4027 Aug 09 j 14:14	29° \mathbb{I} 28'50		morning rise	-4026 Jul 21 j 13:14	13° \mathbb{I} 57'10	
asc. node	-4027 Aug 11 j 06:23	29° \mathbb{I} 43'54		direct	-4026 Jul 24 j 05:18	13° \mathbb{I} 22'11	
	-4027 Aug 12 j 00:14	0° \mathfrak{E}		asc. node	-4026 Jul 29 j 03:30	15° \mathbb{I} 20'42	
morning max el	-4027 Aug 16 j 03:23	3° \mathfrak{E} 02'08	18°15'42	morning max el	-4026 Jul 30 j 18:15	16° \mathbb{I} 46'50	17°58'15
	-4027 Sep 03 j 02:06	0° \mathcal{Q}			-4026 Aug 09 j 04:10	0° \mathfrak{E}	
morning set	-4027 Sep 03 j 19:58	1° \mathcal{Q} 14'04		morning set	-4026 Aug 16 j 17:47	13° \mathfrak{E} 00'39	
					-4026 Aug 26 j 16:09	0° \mathcal{Q}	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4026 Aug 29 j 02:00	4°Ω00'15	1°09'10	morning set	-4025 Jul 30 j 11:35	25°Π44'31	
minimum elong	-4026 Aug 29 j 07:49	4°Ω24'16	1°08'41		-4025 Aug 01 j 19:43	0°Ϣ	
max. Earth dist.	-4026 Sep 04 j 00:53	13°Ω41'36	1.43816 AU				
desc. node	-4026 Sep 09 j 14:58	22°Ω33'27		superior conj	-4025 Aug 10 j 03:23	14°Ϣ48'23	1°35'14
evening rise	-4026 Sep 14 j 00:35	29°Ω24'42		minimum elong	-4025 Aug 10 j 07:39	15°Ϣ06'52	1°35'05
	-4026 Sep 14 j 09:43	0°Π		max. Earth dist.	-4025 Aug 17 j 11:55	27°Ϣ14'39	1.42387 AU
	-4026 Oct 04 j 14:57	0°Ω			-4025 Aug 19 j 04:16	0°Ω	
evening max el	-4026 Oct 12 j 10:16	9°Ω36'44	20°40'07	evening rise	-4025 Aug 24 j 08:08	8°Ω16'53	
retrograde	-4026 Oct 20 j 13:26	14°Ω24'49		desc. node	-4025 Aug 27 j 11:57	13°Ω13'40	
evening set	-4026 Oct 24 j 09:45	12°Ω59'49			-4025 Sep 07 j 15:16	0°Π	
asc. node	-4026 Oct 25 j 02:24	12°Ω26'18		evening max el	-4025 Sep 25 j 06:16	23°Π01'53	21°53'02
inferior conj	-4026 Oct 29 j 19:44	6°Ω51'41	1°34'06	retrograde	-4025 Oct 04 j 09:32	28°Π27'39	
minimum elong	-4026 Oct 29 j 17:41	6°Ω58'38	1°33'16	evening set	-4025 Oct 08 j 17:46	26°Π44'32	
min. Earth dist.	-4026 Oct 30 j 10:04	6°Ω03'02	0.66962 AU	asc. node	-4025 Oct 11 j 23:33	23°Π17'58	
morning rise	-4026 Nov 04 j 01:28	0°Ω36'34		inferior conj	-4025 Oct 14 j 01:38	20°Π29'28	0°42'38
	-4026 Nov 04 j 19:16	30°κΠ		minimum elong	-4025 Oct 14 j 00:39	20°Π32'50	0°42'16
direct	-4026 Nov 09 j 12:11	28°Π14'58		min. Earth dist.	-4025 Oct 14 j 05:19	20°Π16'43	0.67340 AU
	-4026 Nov 14 j 18:38	0°Ω		morning rise	-4025 Oct 19 j 07:24	14°Π14'27	
morning max el	-4026 Nov 20 j 16:15	4°Ω54'22	24°22'05	direct	-4025 Oct 24 j 02:57	12°Π13'58	
desc. node	-4026 Dec 06 j 14:49	25°Ω00'03		morning max el	-4025 Nov 03 j 02:31	18°Π11'20	22°55'36
	-4026 Dec 10 j 01:02	0°Π			-4025 Nov 12 j 21:57	0°Ω	
morning set	-4026 Dec 26 j 12:38	26°Π30'55		desc. node	-4025 Nov 23 j 11:48	15°Ω01'37	
	-4026 Dec 28 j 12:16	0°♄			-4025 Dec 03 j 04:37	0°Π	
max. Earth dist.	-4026 Dec 30 j 07:50	3°♄14'51	1.37965 AU	morning set	-4025 Dec 07 j 09:00	6°Π47'37	
				max. Earth dist.	-4025 Dec 12 j 04:01	14°Π51'24	1.40028 AU
superior conj	-4025 Jan 06 j 05:52	16°♄09'02	-1°49'09				
minimum elong	-4025 Jan 06 j 08:05	16°♄19'42	1°49'11	superior conj	-4025 Dec 19 j 21:20	28°Π32'13	-1°54'42
	-4025 Jan 13 j 07:13	0°Ϣ		minimum elong	-4025 Dec 19 j 21:19	28°Π32'07	1°54'51
evening rise	-4025 Jan 14 j 21:38	3°Ϣ10'15			-4025 Dec 20 j 16:30	0°♄	
asc. node	-4025 Jan 21 j 01:25	14°Ϣ57'46		evening rise	-4025 Dec 29 j 12:39	16°♄39'39	
	-4025 Jan 31 j 11:09	0°≈			-4024 Jan 05 j 17:35	0°Ϣ	
evening max el	-4025 Jan 31 j 15:20	0°≈10'06	19°04'24	asc. node	-4024 Jan 07 j 22:29	3°Ϣ42'32	
retrograde	-4025 Feb 09 j 06:01	4°≈17'27		evening max el	-4024 Jan 14 j 18:55	12°Ϣ46'35	18°26'55
evening set	-4025 Feb 11 j 15:25	3°≈59'44		retrograde	-4024 Jan 22 j 06:38	16°Ϣ27'22	
	-4025 Feb 19 j 07:38	30°κϢ		evening set	-4024 Jan 24 j 19:12	16°Ϣ03'36	
inferior conj	-4025 Feb 19 j 15:59	29°Ϣ45'28	3°08'07	inferior conj	-4024 Feb 01 j 03:26	11°Ϣ29'32	3°51'35
minimum elong	-4025 Feb 19 j 20:45	29°Ϣ37'09	3°06'55	minimum elong	-4024 Feb 01 j 05:52	11°Ϣ24'35	3°51'09
min. Earth dist.	-4025 Feb 22 j 18:07	27°Ϣ37'09	0.57110 AU	min. Earth dist.	-4024 Feb 04 j 12:45	8°Ϣ45'53	0.58968 AU
morning rise	-4025 Feb 27 j 23:27	24°Ϣ44'49		morning rise	-4024 Feb 08 j 14:22	6°Ϣ04'02	
desc. node	-4025 Mar 04 j 14:01	23°Ϣ43'00		direct	-4024 Feb 14 j 20:21	4°Ϣ22'40	
direct	-4025 Mar 05 j 03:10	23°Ϣ42'17		desc. node	-4024 Feb 19 j 11:08	5°Ϣ15'48	
	-4025 Mar 18 j 06:04	0°≈		morning max el	-4024 Feb 29 j 02:36	11°Ϣ57'06	26°45'04
morning max el	-4025 Mar 19 j 08:21	1°≈01'20	25°28'13		-4024 Mar 14 j 05:29	0°≈	
	-4025 Apr 08 j 13:20	0°♄		morning set	-4024 Mar 29 j 21:56	28°≈43'19	
morning set	-4025 Apr 15 j 11:15	13°♄45'22			-4024 Mar 30 j 12:34	0°♄	
asc. node	-4025 Apr 19 j 01:00	21°♄23'37		asc. node	-4024 Apr 04 j 21:59	11°♄36'55	
superior conj	-4025 Apr 22 j 11:19	28°♄51'44	0°35'05	superior conj	-4024 Apr 05 j 23:02	13°♄54'01	0°10'54
minimum elong	-4025 Apr 22 j 09:50	28°♄43'37	0°34'46	minimum elong	-4024 Apr 05 j 22:33	13°♄51'23	0°10'44
	-4025 Apr 22 j 23:52	0°Υ		behind sun begin	-4024 Apr 05 j 18:52	13°♄31'13	
max. Earth dist.	-4025 Apr 23 j 09:34	0°Υ52'48	1.32870 AU	behind sun end	-4024 Apr 06 j 02:14	14°♄11'33	
evening rise	-4025 Apr 29 j 15:08	14°Υ07'22		max. Earth dist.	-4024 Apr 05 j 22:41	13°♄52'07	1.32582 AU
	-4025 May 07 j 20:05	0°Ϣ		evening rise	-4024 Apr 12 j 23:00	28°♄58'57	
	-4025 May 28 j 08:21	0°Π			-4024 Apr 13 j 10:43	0°Υ	
evening max el	-4025 May 31 j 05:20	2°Π56'32	27°12'06		-4024 Apr 30 j 05:16	0°Ϣ	
desc. node	-4025 May 31 j 12:43	3°Π14'04		evening max el	-4024 May 12 j 06:39	14°Ϣ49'42	26°26'22
retrograde	-4025 Jun 14 j 03:27	10°Π19'18		desc. node	-4024 May 17 j 09:49	19°Ϣ00'57	
evening set	-4025 Jun 21 j 03:32	8°Π02'01		retrograde	-4024 May 26 j 08:36	22°Ϣ08'51	
min. Earth dist.	-4025 Jun 24 j 18:46	5°Π13'50	0.61723 AU	evening set	-4024 Jun 01 j 17:12	20°Ϣ26'21	
inferior conj	-4025 Jun 27 j 22:02	2°Π22'48	-4°12'28	min. Earth dist.	-4024 Jun 05 j 19:48	17°Ϣ44'50	0.59693 AU
minimum elong	-4025 Jun 28 j 00:09	2°Π17'57	4°12'08	inferior conj	-4024 Jun 09 j 04:52	15°Ϣ04'17	-4°17'57
	-4025 Jun 30 j 15:47	30°κϢ		minimum elong	-4024 Jun 09 j 04:10	15°Ϣ05'43	4°17'48
morning rise	-4025 Jul 04 j 22:16	27°Ϣ26'04		morning rise	-4024 Jun 16 j 17:26	10°Ϣ29'06	
direct	-4025 Jul 07 j 11:52	26°Ϣ57'51		direct	-4024 Jun 19 j 05:43	10°Ϣ06'16	
	-4025 Jul 13 j 22:28	0°Π		morning max el	-4024 Jun 26 j 18:48	13°Ϣ44'02	18°19'36
morning max el	-4025 Jul 14 j 08:22	0°Π23'25	17°59'15	asc. node	-4024 Jul 01 j 21:37	20°Ϣ00'00	
asc. node	-4025 Jul 16 j 00:35	2°Π11'11			-4024 Jul 07 j 21:49	0°Π	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning set	-4024 Jul 12 j 20:14	9° Π 12'46		minimum elong	-4023 May 21 j 12:42	27° Υ 16'24	3°53'20
				morning rise	-4023 May 29 j 19:15	22° Υ 54'13	
superior conj	-4024 Jul 22 j 05:48	26° Π 51'37	1°47'26	direct	-4023 Jun 01 j 06:52	22° Υ 35'37	
minimum elong	-4024 Jul 22 j 07:20	26° Π 58'37	1°47'34	morning max el	-4023 Jun 09 j 22:35	26° Υ 38'53	19°00'09
	-4024 Jul 23 j 23:19	0° \mathfrak{D}			-4023 Jun 13 j 00:17	0° \mathfrak{B}	
max. Earth dist.	-4024 Jul 29 j 16:56	10° \mathfrak{D} 04'57	1.40574 AU	asc. node	-4023 Jun 18 j 18:37	8° \mathfrak{B} 33'27	
evening rise	-4024 Aug 03 j 11:21	18° \mathfrak{D} 05'43		morning set	-4023 Jun 26 j 15:35	23° \mathfrak{B} 14'47	
	-4024 Aug 10 j 22:04	0° \mathcal{O}			-4023 Jun 30 j 01:43	0° Π	
desc. node	-4024 Aug 13 j 08:55	3° \mathcal{O} 46'18					
	-4024 Sep 01 j 03:13	0° \mathfrak{M}		superior conj	-4023 Jul 05 j 03:33	9° Π 53'59	1°48'27
evening max el	-4024 Sep 06 j 20:52	6° \mathfrak{M} 27'43	23°12'45	minimum elong	-4023 Jul 05 j 02:48	9° Π 50'23	1°48'36
retrograde	-4024 Sep 17 j 02:57	12° \mathfrak{M} 32'05		max. Earth dist.	-4023 Jul 11 j 18:43	22° Π 15'11	1.38622 AU
evening set	-4024 Sep 22 j 00:56	10° \mathfrak{M} 29'32		evening rise	-4023 Jul 15 j 16:48	29° Π 10'56	
inferior conj	-4024 Sep 27 j 08:17	4° \mathfrak{M} 11'06	-0°10'38		-4023 Jul 16 j 04:09	0° \mathfrak{D}	
minimum elong	-4024 Sep 27 j 08:31	4° \mathfrak{M} 10'16	0°10'26	desc. node	-4023 Jul 31 j 05:54	24° \mathfrak{D} 06'52	
transit middle	-4024 Sep 27 j 08:31	4° \mathfrak{M} 10'16	0°10'26		-4023 Aug 04 j 07:19	0° \mathcal{O}	
transit begin	-4024 Sep 27 j 06:26	4° \mathfrak{M} 17'26		evening max el	-4023 Aug 20 j 08:23	19° \mathcal{O} 56'49	24°32'56
transit end	-4024 Sep 27 j 10:36	4° \mathfrak{M} 03'06		retrograde	-4023 Aug 31 j 16:36	26° \mathcal{O} 35'04	
min. Earth dist.	-4024 Sep 27 j 01:47	4° \mathfrak{M} 33'24	0.67420 AU	evening set	-4023 Sep 06 j 05:32	24° \mathcal{O} 13'28	
asc. node	-4024 Sep 27 j 20:41	3° \mathfrak{M} 28'30		min. Earth dist.	-4023 Sep 10 j 21:01	18° \mathcal{O} 51'57	0.67198 AU
	-4024 Sep 30 j 14:07	30° \mathfrak{R} \mathcal{O}		inferior conj	-4023 Sep 11 j 13:58	17° \mathcal{O} 55'09	-1°04'02
morning rise	-4024 Oct 02 j 16:00	27° \mathcal{O} 59'13		minimum elong	-4023 Sep 11 j 15:28	17° \mathcal{O} 50'09	1°03'17
direct	-4024 Oct 06 j 21:33	26° \mathcal{O} 19'55		asc. node	-4023 Sep 14 j 17:48	13° \mathcal{O} 57'17	
	-4024 Oct 14 j 02:32	0° \mathfrak{M}		morning rise	-4023 Sep 17 j 01:21	11° \mathcal{O} 49'37	
morning max el	-4024 Oct 15 j 17:21	1° \mathfrak{M} 33'24	21°32'21	direct	-4023 Sep 20 j 18:46	10° \mathcal{O} 29'45	
	-4024 Nov 05 j 20:08	0° \mathfrak{L}		morning max el	-4023 Sep 28 j 15:07	15° \mathcal{O} 04'06	20°18'43
desc. node	-4024 Nov 09 j 08:44	5° \mathfrak{L} 20'28			-4023 Oct 10 j 03:42	0° \mathfrak{M}	
morning set	-4024 Nov 16 j 01:02	15° \mathfrak{L} 43'31		morning set	-4023 Oct 26 j 00:04	23° \mathfrak{M} 56'47	
max. Earth dist.	-4024 Nov 23 j 05:12	27° \mathfrak{L} 18'10	1.41990 AU	desc. node	-4023 Oct 27 j 05:40	25° \mathfrak{M} 51'39	
	-4024 Nov 24 j 20:15	0° \mathfrak{M}			-4023 Oct 29 j 21:18	0° \mathfrak{L}	
				max. Earth dist.	-4023 Nov 05 j 14:18	10° \mathfrak{L} 38'04	1.43572 AU
superior conj	-4024 Nov 30 j 15:30	9° \mathfrak{M} 51'03	-1°48'18				
minimum elong	-4024 Nov 30 j 11:56	9° \mathfrak{M} 35'39	1°48'14	superior conj	-4023 Nov 11 j 07:15	19° \mathfrak{L} 54'23	-1°26'20
evening rise	-4024 Dec 11 j 15:22	29° \mathfrak{M} 29'46		minimum elong	-4023 Nov 11 j 00:34	19° \mathfrak{L} 26'54	1°25'45
	-4024 Dec 11 j 21:59	0° \mathfrak{X}			-4023 Nov 17 j 08:18	0° \mathfrak{M}	
asc. node	-4024 Dec 24 j 19:33	21° \mathfrak{X} 47'00		evening rise	-4023 Nov 24 j 01:35	11° \mathfrak{M} 32'43	
evening max el	-4024 Dec 28 j 04:19	25° \mathfrak{X} 45'31	18°09'26		-4023 Dec 04 j 22:44	0° \mathfrak{X}	
retrograde	-4023 Jan 03 j 23:54	29° \mathfrak{X} 14'20		evening max el	-4023 Dec 11 j 16:38	8° \mathfrak{X} 59'16	18°11'19
evening set	-4023 Jan 06 j 15:31	28° \mathfrak{X} 43'15		asc. node	-4023 Dec 11 j 16:38	8° \mathfrak{X} 59'16	
inferior conj	-4023 Jan 13 j 10:04	23° \mathfrak{X} 47'36	4°03'10	retrograde	-4023 Dec 18 j 05:51	12° \mathfrak{X} 28'49	
minimum elong	-4023 Jan 13 j 09:45	23° \mathfrak{X} 48'20	4°03'00	evening set	-4023 Dec 21 j 00:51	11° \mathfrak{X} 49'22	
min. Earth dist.	-4023 Jan 16 j 13:25	20° \mathfrak{X} 52'31	0.60983 AU	inferior conj	-4023 Dec 27 j 08:26	6° \mathfrak{X} 32'50	3°51'49
morning rise	-4023 Jan 20 j 02:36	18° \mathfrak{X} 05'03		minimum elong	-4023 Dec 27 j 06:13	6° \mathfrak{X} 38'42	3°51'23
direct	-4023 Jan 27 j 00:20	15° \mathfrak{X} 47'14		min. Earth dist.	-4023 Dec 29 j 22:55	3° \mathfrak{X} 48'15	0.62872 AU
desc. node	-4023 Feb 05 j 08:12	19° \mathfrak{X} 23'57		morning rise	-4022 Jan 02 j 10:50	0° \mathfrak{X} 38'11	
morning max el	-4023 Feb 10 j 02:43	23° \mathfrak{X} 28'43	27°31'25		-4022 Jan 03 j 08:11	30° \mathfrak{R} \mathfrak{M}	
	-4023 Feb 16 j 00:01	0° \mathfrak{Z}		direct	-4022 Jan 09 j 12:37	27° \mathfrak{M} 56'15	
	-4023 Mar 07 j 08:16	0° \mathfrak{A}			-4022 Jan 16 j 05:38	0° \mathfrak{X}	
morning set	-4023 Mar 14 j 05:14	13° \mathfrak{A} 28'40		desc. node	-4022 Jan 23 j 05:16	5° \mathfrak{X} 32'10	
max. Earth dist.	-4023 Mar 20 j 11:19	26° \mathfrak{A} 46'49	1.32639 AU	morning max el	-4022 Jan 23 j 08:27	5° \mathfrak{X} 39'58	27°41'48
					-4022 Feb 10 j 20:00	0° \mathfrak{Z}	
superior conj	-4023 Mar 21 j 10:22	28° \mathfrak{A} 52'26	-0°14'09	morning set	-4022 Feb 26 j 06:56	27° \mathfrak{Z} 53'47	
minimum elong	-4023 Mar 21 j 11:01	28° \mathfrak{A} 55'56	0°14'07		-4022 Feb 27 j 07:50	0° \mathfrak{A}	
behind sun begin	-4023 Mar 21 j 08:44	28° \mathfrak{A} 43'29		max. Earth dist.	-4022 Mar 03 j 19:44	9° \mathfrak{A} 23'50	1.33060 AU
behind sun end	-4023 Mar 21 j 13:17	29° \mathfrak{A} 08'22					
	-4023 Mar 21 j 22:45	0° \mathfrak{H}		superior conj	-4022 Mar 05 j 19:41	13° \mathfrak{A} 41'02	-0°39'08
asc. node	-4023 Mar 22 j 18:57	1° \mathfrak{H} 50'16		minimum elong	-4022 Mar 05 j 21:25	13° \mathfrak{A} 50'23	0°38'56
evening rise	-4023 Mar 28 j 09:39	13° \mathfrak{H} 56'17		asc. node	-4022 Mar 09 j 15:55	21° \mathfrak{A} 59'39	
	-4023 Apr 05 j 13:13	0° Υ		evening rise	-4022 Mar 12 j 21:17	28° \mathfrak{A} 52'38	
evening max el	-4023 Apr 24 j 01:56	26° Υ 02'18	25°12'42		-4022 Mar 13 j 10:08	0° \mathfrak{H}	
	-4023 Apr 28 j 22:19	0° \mathfrak{B}			-4022 Mar 30 j 17:37	0° Υ	
desc. node	-4023 May 04 j 06:56	2° \mathfrak{B} 37'08		evening max el	-4022 Apr 05 j 17:53	6° Υ 48'26	23°41'54
retrograde	-4023 May 08 j 03:24	3° \mathfrak{B} 11'52		retrograde	-4022 Apr 19 j 09:40	13° Υ 36'23	
evening set	-4023 May 13 j 09:06	2° \mathfrak{B} 08'08		desc. node	-4022 Apr 21 j 04:04	13° Υ 29'24	
	-4023 May 17 j 11:35	30° \mathfrak{R} Υ		evening set	-4022 Apr 23 j 07:20	13° Υ 02'51	
min. Earth dist.	-4023 May 18 j 14:20	29° Υ 16'58	0.57721 AU	min. Earth dist.	-4022 Apr 30 j 05:14	9° Υ 49'40	0.56138 AU
inferior conj	-4023 May 21 j 16:56	27° Υ 09'05	-3°54'03	inferior conj	-4022 May 02 j 08:56	8° Υ 31'37	-2°51'28

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4022 May 02 j 03:00	8° Υ 40'37	2°49'54	morning rise	-4021 Apr 21 j 12:37	15° Υ 20'20	
morning rise	-4022 May 11 j 01:30	4° Υ 31'35		direct	-4021 Apr 24 j 04:44	15° Υ 04'15	
direct	-4022 May 13 j 13:19	4° Υ 15'48		morning max el	-4021 May 06 j 01:03	20° Υ 38'51	21°21'15
morning max el	-4022 May 23 j 17:09	8° Υ 58'58	20°01'10		-4021 May 13 j 18:08	0° Υ	
asc. node	-4022 Jun 05 j 15:36	27° Υ 40'49		asc. node	-4021 May 23 j 12:36	17° Υ 13'57	
	-4022 Jun 06 j 20:59	0° Υ		morning set	-4021 May 26 j 02:28	22° Υ 28'05	
morning set	-4022 Jun 10 j 18:28	7° Υ 42'04			-4021 May 29 j 17:12	0° Υ	
superior conj	-4022 Jun 18 j 15:21	23° Υ 40'37	1°41'03	superior conj	-4021 Jun 02 j 13:08	7° Υ 59'55	1°27'30
minimum elong	-4022 Jun 18 j 13:13	23° Υ 29'57	1°41'02	minimum elong	-4021 Jun 02 j 10:28	7° Υ 46'06	1°27'18
	-4022 Jun 21 j 20:12	0° Υ		max. Earth dist.	-4021 Jun 06 j 10:31	15° Υ 56'06	1.35217 AU
max. Earth dist.	-4022 Jun 23 j 22:48	4° Υ 03'33	1.36777 AU	evening rise	-4021 Jun 10 j 21:51	24° Υ 40'36	
evening rise	-4022 Jun 27 j 22:01	11° Υ 26'56			-4021 Jun 13 j 18:12	0° Υ	
	-4022 Jul 08 j 18:27	0° Υ			-4021 Jul 02 j 06:34	0° Υ	
desc. node	-4022 Jul 18 j 02:56	14° Υ 08'59		desc. node	-4021 Jul 05 j 00:00	3° Υ 44'47	
	-4022 Jul 30 j 11:43	0° Υ		evening max el	-4021 Jul 16 j 06:14	16° Υ 57'06	26°43'27
evening max el	-4022 Aug 02 j 19:06	3° Υ 28'03	25°45'53	retrograde	-4021 Jul 29 j 06:05	24° Υ 15'32	
retrograde	-4022 Aug 15 j 01:45	10° Υ 31'26		evening set	-4021 Aug 04 j 22:56	21° Υ 28'16	
evening set	-4022 Aug 21 j 05:36	7° Υ 53'41		min. Earth dist.	-4021 Aug 08 j 21:58	17° Υ 22'31	0.65748 AU
min. Earth dist.	-4022 Aug 25 j 12:28	3° Υ 09'32	0.66651 AU	inferior conj	-4021 Aug 10 j 15:10	15° Υ 19'31	-2°44'25
inferior conj	-4022 Aug 26 j 16:54	1° Υ 38'42	-1°55'57	minimum elong	-4021 Aug 10 j 18:40	15° Υ 09'04	2°43'08
minimum elong	-4022 Aug 26 j 19:32	1° Υ 30'15	1°54'48	morning rise	-4021 Aug 16 j 14:44	9° Υ 36'16	
	-4022 Aug 28 j 00:15	30° Υ		asc. node	-4021 Aug 19 j 11:58	8° Υ 46'28	
morning rise	-4022 Sep 01 j 09:36	25° Υ 42'46		direct	-4021 Aug 19 j 14:20	8° Υ 46'25	
asc. node	-4022 Sep 01 j 14:53	25° Υ 34'38		morning max el	-4021 Aug 26 j 06:45	12° Υ 28'22	18°33'49
direct	-4022 Sep 04 j 16:58	24° Υ 39'30			-4021 Sep 07 j 17:45	0° Υ	
morning max el	-4022 Sep 11 j 20:03	28° Υ 43'11	19°18'29	morning set	-4021 Sep 15 j 09:24	12° Υ 21'15	
	-4022 Sep 13 j 00:41	0° Υ			-4021 Sep 26 j 09:45	0° Υ	
	-4022 Oct 03 j 13:39	0° Υ		superior conj	-4021 Sep 30 j 20:08	7° Υ 00'32	0°00'55
morning set	-4022 Oct 05 j 04:58	2° Υ 33'43		minimum elong	-4021 Sep 30 j 20:16	7° Υ 01'03	0°00'58
desc. node	-4022 Oct 14 j 02:36	16° Υ 30'32		behind sun begin	-4021 Sep 30 j 08:56	6° Υ 16'19	
max. Earth dist.	-4022 Oct 19 j 05:40	24° Υ 35'19	1.44555 AU	behind sun end	-4021 Oct 01 j 07:36	7° Υ 45'46	
superior conj	-4022 Oct 21 j 20:31	28° Υ 44'27	-0°47'52	desc. node	-4021 Sep 30 j 23:33	7° Υ 14'01	
minimum elong	-4022 Oct 21 j 14:49	28° Υ 21'47	0°47'09	max. Earth dist.	-4021 Oct 01 j 23:33	8° Υ 48'36	1.44829 AU
	-4022 Oct 22 j 15:31	0° Υ			-4021 Oct 15 j 10:14	0° Υ	
evening rise	-4022 Nov 05 j 14:37	22° Υ 38'46		evening rise	-4021 Oct 17 j 03:00	2° Υ 41'13	
	-4022 Nov 10 j 01:21	0° Υ		greatest brilliancy	-4021 Oct 25 j 21:27	16° Υ 32'41	-0.8m
evening max el	-4022 Nov 25 j 05:04	22° Υ 21'04	18°31'45		-4021 Nov 03 j 21:24	0° Υ	
asc. node	-4022 Nov 28 j 13:44	25° Υ 04'35		evening max el	-4021 Nov 08 j 15:08	5° Υ 46'51	19°09'35
retrograde	-4022 Dec 01 j 20:13	26° Υ 01'57		asc. node	-4021 Nov 15 j 10:52	9° Υ 47'48	
evening set	-4022 Dec 04 j 19:44	25° Υ 12'44		retrograde	-4021 Nov 15 j 15:24	9° Υ 48'00	
inferior conj	-4022 Dec 10 j 18:47	19° Υ 37'43	3°24'46	evening set	-4021 Nov 18 j 21:13	8° Υ 47'01	
minimum elong	-4022 Dec 10 j 15:42	19° Υ 46'42	3°23'58	inferior conj	-4021 Nov 24 j 13:48	2° Υ 56'37	2°47'05
min. Earth dist.	-4022 Dec 12 j 18:29	17° Υ 18'28	0.64467 AU	minimum elong	-4021 Nov 24 j 10:43	3° Υ 06'24	2°46'04
morning rise	-4022 Dec 16 j 11:15	13° Υ 33'56		min. Earth dist.	-4021 Nov 25 j 23:27	1° Υ 10'30	0.65709 AU
direct	-4022 Dec 23 j 07:53	10° Υ 42'57			-4021 Nov 26 j 22:28	30° Υ	
morning max el	-4021 Jan 05 j 17:36	18° Υ 23'33	27°17'24	morning rise	-4021 Nov 29 j 23:54	26° Υ 46'19	
desc. node	-4021 Jan 10 j 02:19	23° Υ 06'32		direct	-4021 Dec 06 j 09:33	23° Υ 59'32	
	-4021 Jan 15 j 14:28	0° Υ			-4021 Dec 17 j 15:15	0° Υ	
	-4021 Feb 03 j 17:04	0° Υ		morning max el	-4021 Dec 19 j 03:24	1° Υ 27'06	26°23'54
morning set	-4021 Feb 10 j 00:15	11° Υ 49'17		desc. node	-4021 Dec 27 j 23:20	11° Υ 41'56	
max. Earth dist.	-4021 Feb 14 j 20:02	21° Υ 31'01	1.33877 AU		-4020 Jan 09 j 16:20	0° Υ	
superior conj	-4021 Feb 18 j 01:06	28° Υ 13'28	-1°03'04	morning set	-4020 Jan 24 j 05:20	25° Υ 03'13	
minimum elong	-4021 Feb 18 j 03:44	28° Υ 27'25	1°02'46		-4020 Jan 26 j 19:36	0° Υ	
	-4021 Feb 18 j 21:14	0° Υ		max. Earth dist.	-4020 Jan 28 j 09:00	3° Υ 02'27	1.35139 AU
asc. node	-4021 Feb 24 j 12:56	12° Υ 00'53		superior conj	-4020 Feb 02 j 00:21	12° Υ 22'20	-1°24'37
evening rise	-4021 Feb 25 j 08:09	13° Υ 41'37		minimum elong	-4020 Feb 02 j 03:29	12° Υ 38'22	1°24'21
	-4021 Mar 05 j 17:01	0° Υ		evening rise	-4020 Feb 09 j 16:25	28° Υ 16'40	
evening max el	-4021 Mar 18 j 12:19	17° Υ 34'27	22°08'12		-4020 Feb 10 j 12:34	0° Υ	
retrograde	-4021 Mar 31 j 04:25	23° Υ 43'48		asc. node	-4020 Feb 11 j 09:59	1° Υ 48'48	
evening set	-4021 Apr 03 j 00:20	23° Υ 26'03		evening max el	-4020 Feb 28 j 14:56	28° Υ 44'26	20°43'33
desc. node	-4021 Apr 08 j 01:11	21° Υ 38'14			-4020 Mar 01 j 00:50	0° Υ	
inferior conj	-4021 Apr 12 j 09:02	19° Υ 18'31	-1°11'17	retrograde	-4020 Mar 10 j 18:14	4° Υ 02'37	
minimum elong	-4021 Apr 12 j 05:48	19° Υ 23'06	1°10'13	evening set	-4020 Mar 13 j 02:29	3° Υ 49'27	
min. Earth dist.	-4021 Apr 11 j 19:10	19° Υ 38'06	0.55260 AU		-4020 Mar 21 j 22:43	30° Υ	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

inferior conj	-4020 Mar 22 j 04:34	29° \approx 51'34	0°45'19	evening set	-4019 Feb 21 j 22:54	14° \approx 44'19	
minimum elong	-4020 Mar 22 j 06:36	29° \approx 48'37	0°44'32	inferior conj	-4019 Mar 02 j 09:35	10° \approx 39'41	2°25'53
min. Earth dist.	-4020 Mar 23 j 09:26	29° \approx 09'53	0.55297 AU	minimum elong	-4019 Mar 02 j 14:32	10° \approx 31'44	2°24'23
desc. node	-4020 Mar 24 j 22:20	28° \approx 17'55		min. Earth dist.	-4019 Mar 05 j 00:10	8° \approx 59'51	0.56244 AU
morning rise	-4020 Mar 31 j 09:36	25° \approx 36'37		morning rise	-4019 Mar 11 j 03:35	5° \approx 56'06	
direct	-4020 Apr 03 j 16:55	25° \approx 12'50		desc. node	-4019 Mar 11 j 19:28	5° \approx 44'00	
	-4020 Apr 15 j 01:52	0° \approx		direct	-4019 Mar 15 j 14:10	5° \approx 11'34	
morning max el	-4020 Apr 16 j 22:55	1° \approx 39'36	22°55'37	morning max el	-4019 Mar 29 j 14:33	12° \approx 16'41	24°34'32
	-4020 May 05 j 22:02	0° \approx			-4019 Apr 12 j 04:03	0° \approx	
asc. node	-4020 May 09 j 09:36	7° \approx 05'06		morning set	-4019 Apr 24 j 01:41	22° \approx 27'30	
morning set	-4020 May 09 j 13:28	7° \approx 25'14		asc. node	-4019 Apr 26 j 06:38	27° \approx 08'38	
					-4019 Apr 27 j 14:28	0° \approx	
superior conj	-4020 May 16 j 17:39	22° \approx 40'51	1°09'30				
minimum elong	-4020 May 16 j 15:06	22° \approx 27'16	1°09'10	superior conj	-4019 May 01 j 02:28	7° \approx 35'16	0°48'20
max. Earth dist.	-4020 May 19 j 08:00	28° \approx 09'36	1.34020 AU	minimum elong	-4019 May 01 j 00:30	7° \approx 24'34	0°47'58
	-4020 May 20 j 05:13	0° \approx		max. Earth dist.	-4019 May 02 j 14:14	10° \approx 48'15	1.33194 AU
evening rise	-4020 May 24 j 11:13	8° \approx 36'18		evening rise	-4019 May 08 j 10:05	23° \approx 01'39	
	-4020 Jun 05 j 05:39	0° \approx			-4019 May 11 j 22:31	0° \approx	
desc. node	-4020 Jun 20 j 21:04	22° \approx 42'10			-4019 May 30 j 00:24	0° \approx	
	-4020 Jun 27 j 11:27	0° \approx		desc. node	-4019 Jun 07 j 18:09	10° \approx 45'00	
evening max el	-4020 Jun 27 j 17:23	0° \approx 14'21	27°18'09	evening max el	-4019 Jun 10 j 02:45	13° \approx 08'04	27°23'40
retrograde	-4020 Jul 11 j 05:08	7° \approx 38'35		retrograde	-4019 Jun 23 j 22:01	20° \approx 31'45	
evening set	-4020 Jul 18 j 06:40	4° \approx 52'25		evening set	-4019 Jul 01 j 01:16	18° \approx 00'11	
min. Earth dist.	-4020 Jul 21 j 23:23	1° \approx 23'03	0.64462 AU	min. Earth dist.	-4019 Jul 04 j 15:17	15° \approx 00'09	0.62811 AU
	-4020 Jul 23 j 05:58	30° \approx		inferior conj	-4019 Jul 07 j 11:47	12° \approx 12'35	-3°59'58
inferior conj	-4020 Jul 24 j 06:24	28° \approx 52'45	-3°26'59	minimum elong	-4019 Jul 07 j 14:54	12° \approx 04'58	3°59'20
minimum elong	-4020 Jul 24 j 10:11	28° \approx 42'24	3°25'54	morning rise	-4019 Jul 14 j 05:37	7° \approx 03'34	
morning rise	-4020 Jul 30 j 14:21	23° \approx 25'11		direct	-4019 Jul 16 j 20:21	6° \approx 31'44	
direct	-4020 Aug 02 j 08:27	22° \approx 45'38		asc. node	-4019 Jul 23 j 06:09	9° \approx 42'33	
asc. node	-4020 Aug 05 j 09:03	23° \approx 33'02		morning max el	-4019 Jul 23 j 11:39	9° \approx 55'54	17°56'16
morning max el	-4020 Aug 08 j 20:50	26° \approx 14'27	18°06'04		-4019 Aug 05 j 19:28	0° \approx	
	-4020 Aug 12 j 01:46	0° \approx		morning set	-4019 Aug 09 j 00:06	5° \approx 39'16	
morning set	-4020 Aug 26 j 17:07	23° \approx 26'57					
	-4020 Aug 30 j 14:27	0° \approx		superior conj	-4019 Aug 20 j 13:51	25° \approx 45'51	1°22'03
superior conj	-4020 Sep 09 j 04:37	15° \approx 46'22	0°47'30	minimum elong	-4019 Aug 20 j 19:19	26° \approx 08'55	1°21'41
minimum elong	-4020 Sep 09 j 09:42	16° \approx 06'53	0°47'00		-4019 Aug 23 j 02:38	0° \approx	
max. Earth dist.	-4020 Sep 13 j 16:42	22° \approx 58'57	1.44375 AU	max. Earth dist.	-4019 Aug 27 j 06:43	6° \approx 50'24	1.43269 AU
desc. node	-4020 Sep 16 j 20:31	27° \approx 58'42		desc. node	-4019 Sep 03 j 17:27	18° \approx 41'16	
	-4020 Sep 18 j 03:23	0° \approx		evening rise	-4019 Sep 04 j 20:31	20° \approx 26'46	
evening rise	-4020 Sep 25 j 16:37	11° \approx 45'43			-4019 Sep 11 j 01:51	0° \approx	
	-4020 Oct 07 j 14:48	0° \approx			-4019 Oct 02 j 10:12	0° \approx	
greatest brilliancy	-4020 Oct 09 j 06:47	2° \approx 29'21	-0.6m	evening max el	-4019 Oct 04 j 20:27	2° \approx 39'45	21°10'08
evening max el	-4020 Oct 21 j 20:45	19° \approx 13'48	20°03'14	retrograde	-4019 Oct 13 j 09:22	7° \approx 43'08	
retrograde	-4020 Oct 29 j 12:31	23° \approx 42'53		evening set	-4019 Oct 17 j 10:29	6° \approx 10'48	
asc. node	-4020 Nov 01 j 07:59	22° \approx 57'00		asc. node	-4019 Oct 19 j 05:07	4° \approx 32'19	
evening set	-4020 Nov 02 j 02:51	22° \approx 27'33		inferior conj	-4019 Oct 22 j 19:24	29° \approx 59'34	1°12'35
inferior conj	-4020 Nov 07 j 14:47	16° \approx 25'08	2°02'14	minimum elong	-4019 Oct 22 j 17:47	0° \approx 05'07	1°11'56
minimum elong	-4020 Nov 07 j 12:14	16° \approx 33'36	2°01'15		-4019 Oct 22 j 19:16	30° \approx	
min. Earth dist.	-4020 Nov 08 j 11:50	15° \approx 15'08	0.66597 AU	min. Earth dist.	-4019 Oct 23 j 05:10	29° \approx 26'05	0.67159 AU
morning rise	-4020 Nov 12 j 21:23	10° \approx 10'56		morning rise	-4019 Oct 28 j 00:53	23° \approx 44'13	
direct	-4020 Nov 18 j 16:55	7° \approx 38'08		direct	-4019 Nov 02 j 05:13	21° \approx 31'08	
morning max el	-4020 Nov 30 j 12:17	14° \approx 39'00	25°10'01	morning max el	-4019 Nov 12 j 21:05	27° \approx 53'06	23°45'24
	-4020 Dec 13 j 02:54	0° \approx			-4019 Nov 14 j 21:03	0° \approx	
desc. node	-4020 Dec 13 j 20:22	1° \approx 00'23		desc. node	-4019 Nov 30 j 17:20	20° \approx 48'34	
	-4019 Jan 01 j 12:30	0° \approx			-4019 Dec 06 j 20:24	0° \approx	
morning set	-4019 Jan 05 j 17:09	7° \approx 20'55		morning set	-4019 Dec 18 j 05:23	18° \approx 24'30	
max. Earth dist.	-4019 Jan 09 j 10:41	14° \approx 09'57	1.36833 AU	max. Earth dist.	-4019 Dec 22 j 06:32	25° \approx 25'17	1.38837 AU
					-4019 Dec 24 j 20:05	0° \approx	
superior conj	-4019 Jan 15 j 14:32	25° \approx 59'29	-1°41'58	superior conj	-4019 Dec 29 j 15:39	8° \approx 53'03	-1°52'44
minimum elong	-4019 Jan 15 j 17:24	26° \approx 13'37	1°41'53	minimum elong	-4019 Dec 29 j 17:06	8° \approx 59'53	1°52'51
	-4019 Jan 17 j 14:57	0° \approx		evening rise	-4018 Jan 07 j 16:26	26° \approx 19'23	
evening rise	-4019 Jan 23 j 20:02	12° \approx 31'45			-4018 Jan 09 j 13:56	0° \approx	
asc. node	-4019 Jan 28 j 07:03	21° \approx 17'57		asc. node	-4018 Jan 15 j 04:06	10° \approx 20'55	
	-4019 Feb 02 j 04:14	0° \approx		evening max el	-4018 Jan 24 j 03:12	22° \approx 49'47	18°46'00
evening max el	-4019 Feb 10 j 04:13	10° \approx 30'17	19°35'07	retrograde	-4018 Feb 01 j 04:46	26° \approx 43'29	
retrograde	-4019 Feb 19 j 15:03	14° \approx 59'23		evening set	-4018 Feb 03 j 15:43	26° \approx 23'14	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

inferior conj	-4018 Feb 11 j 09:05	22° Z 00'58	3°30'55	inferior conj	-4017 Jan 24 j 04:59	3° Z 59'43	3°59'50
minimum elong	-4018 Feb 11 j 13:03	21° Z 53'35	3°30'05	minimum elong	-4017 Jan 24 j 06:12	3° Z 57'05	3°59'36
min. Earth dist.	-4018 Feb 14 j 16:16	19° Z 35'08	0.57869 AU	min. Earth dist.	-4017 Jan 27 j 12:48	1° Z 08'34	0.59828 AU
morning rise	-4018 Feb 19 j 07:55	16° Z 49'09			-4017 Jan 28 j 23:41	30° R Z	
direct	-4018 Feb 25 j 00:04	15° Z 30'33		morning rise	-4017 Jan 31 j 07:39	28° Z 26'12	
desc. node	-4018 Feb 26 j 16:35	15° Z 37'32		direct	-4017 Feb 06 j 21:40	26° Z 28'43	
morning max el	-4018 Mar 11 j 06:03	22° Z 56'43	26°03'54	desc. node	-4017 Feb 13 j 13:41	28° Z 19'39	
	-4018 Mar 17 j 13:12	0° \approx			-4017 Feb 16 j 06:15	0° Z	
	-4018 Apr 04 j 21:36	0° H		morning max el	-4017 Feb 21 j 02:40	4° Z 06'03	27°09'04
morning set	-4018 Apr 08 j 13:25	7° H 28'31			-4017 Mar 12 j 03:38	0° \approx	
asc. node	-4018 Apr 13 j 03:37	17° H 19'21		morning set	-4017 Mar 23 j 22:53	22° \approx 21'48	
					-4017 Mar 27 j 13:21	0° H	
superior conj	-4018 Apr 15 j 13:36	22° H 36'02	0°24'59	max. Earth dist.	-4017 Mar 30 j 15:35	6° H 43'37	1.32569 AU
minimum elong	-4018 Apr 15 j 12:31	22° H 30'06	0°24'43				
max. Earth dist.	-4018 Apr 16 j 02:01	23° H 43'51	1.32714 AU	superior conj	-4017 Mar 31 j 01:20	7° H 36'57	0°00'20
	-4018 Apr 18 j 23:18	0° Y		minimum elong	-4017 Mar 31 j 01:19	7° H 36'52	0°00'14
evening rise	-4018 Apr 22 j 15:22	7° Y 45'58		behind sun begin	-4017 Mar 30 j 20:19	7° H 09'33	
	-4018 May 04 j 10:06	0° B		behind sun end	-4017 Mar 31 j 06:18	8° H 04'11	
evening max el	-4018 May 23 j 07:44	25° B 25'57	26°56'32	asc. node	-4017 Mar 31 j 00:35	7° H 32'52	
desc. node	-4018 May 25 j 15:14	27° B 30'21		evening rise	-4017 Apr 07 j 00:39	22° H 40'37	
	-4018 May 29 j 00:24	0° II			-4017 Apr 10 j 14:34	0° Y	
retrograde	-4018 Jun 06 j 07:34	2° II 46'36			-4017 Apr 28 j 23:05	0° B	
evening set	-4018 Jun 13 j 02:37	0° II 43'14		evening max el	-4017 May 05 j 06:19	7° B 00'34	25°57'51
	-4018 Jun 14 j 05:46	30° R B		desc. node	-4017 May 12 j 12:22	12° B 26'23	
min. Earth dist.	-4018 Jun 16 j 21:16	27° B 59'53	0.60873 AU	retrograde	-4017 May 19 j 08:22	14° B 16'23	
inferior conj	-4018 Jun 20 j 03:57	25° B 11'02	-4°17'46	evening set	-4017 May 25 j 07:01	12° B 50'23	
minimum elong	-4018 Jun 20 j 05:02	25° B 08'41	4°17'34	min. Earth dist.	-4017 May 29 j 18:49	10° B 06'54	0.58831 AU
morning rise	-4018 Jun 27 j 09:12	20° B 23'04		inferior conj	-4017 Jun 02 j 03:09	7° B 37'37	-4°12'01
direct	-4018 Jun 29 j 22:15	19° B 57'10		minimum elong	-4017 Jun 02 j 00:55	7° B 41'48	4°11'45
morning max el	-4018 Jul 07 j 00:29	23° B 26'22	18°05'27	morning rise	-4017 Jun 09 j 21:25	3° B 11'40	
asc. node	-4018 Jul 10 j 03:12	26° B 59'29		direct	-4017 Jun 12 j 09:33	2° B 50'40	
	-4018 Jul 12 j 06:41	0° II		morning max el	-4017 Jun 20 j 08:26	6° B 37'03	18°34'25
morning set	-4018 Jul 23 j 00:50	18° II 43'57		asc. node	-4017 Jun 27 j 00:12	15° B 08'27	
	-4018 Jul 29 j 03:24	0° E			-4017 Jul 05 j 07:47	0° II	
superior conj	-4018 Aug 02 j 02:31	7° E 07'36	1°41'59	morning set	-4017 Jul 06 j 14:30	2° II 27'43	
minimum elong	-4018 Aug 02 j 05:38	7° E 21'26	1°41'58	superior conj	-4017 Jul 15 j 13:55	19° II 38'13	1°49'04
max. Earth dist.	-4018 Aug 09 j 15:40	20° E 08'16	1.41652 AU	minimum elong	-4017 Jul 15 j 14:23	19° II 40'22	1°49'14
evening rise	-4018 Aug 15 j 10:55	29° E 38'56			-4017 Jul 21 j 06:28	0° E	
	-4018 Aug 15 j 16:10	0° Ω		max. Earth dist.	-4017 Jul 22 j 19:09	2° E 41'40	1.39743 AU
desc. node	-4018 Aug 21 j 14:24	9° Ω 18'50		evening rise	-4017 Jul 27 j 01:09	9° E 59'14	
	-4018 Sep 04 j 16:01	0° M		desc. node	-4017 Aug 08 j 11:24	29° E 46'55	
evening max el	-4018 Sep 17 j 14:04	16° M 05'17	22°26'29		-4017 Aug 08 j 14:52	0° Ω	
retrograde	-4018 Sep 27 j 04:19	21° M 47'03		evening max el	-4017 Aug 31 j 02:55	29° Ω 31'34	23°47'08
evening set	-4018 Oct 01 j 18:20	19° M 55'37			-4017 Aug 31 j 14:26	0° M	
asc. node	-4018 Oct 06 j 02:14	14° M 59'50		retrograde	-4017 Sep 10 j 20:16	5° M 51'17	
inferior conj	-4018 Oct 07 j 01:47	13° M 38'53	0°20'09	evening set	-4017 Sep 16 j 00:37	3° M 40'09	
minimum elong	-4018 Oct 07 j 01:19	13° M 40'30	0°20'01		-4017 Sep 19 j 08:51	30° R Ω	
min. Earth dist.	-4018 Oct 07 j 01:07	13° M 41'13	0.67414 AU	inferior conj	-4017 Sep 21 j 08:13	27° Ω 21'14	-0°33'22
morning rise	-4018 Oct 12 j 08:11	7° M 25'05		minimum elong	-4017 Sep 21 j 08:59	27° Ω 18'35	0°32'56
direct	-4018 Oct 16 j 21:40	5° M 33'44		min. Earth dist.	-4017 Sep 20 j 21:15	27° Ω 58'37	0.67367 AU
morning max el	-4018 Oct 26 j 08:52	11° M 11'29	22°19'24	asc. node	-4017 Sep 22 j 23:20	25° Ω 10'20	
	-4018 Nov 10 j 03:05	0° $\underline{\text{L}}$		morning rise	-4017 Sep 26 j 17:19	21° Ω 11'54	
desc. node	-4018 Nov 17 j 14:17	10° $\underline{\text{L}}$ 58'06		direct	-4017 Sep 30 j 17:24	19° Ω 41'23	
morning set	-4018 Nov 28 j 13:14	28° $\underline{\text{L}}$ 04'18		morning max el	-4017 Oct 09 j 02:37	24° Ω 37'17	20°59'36
	-4018 Nov 29 j 17:43	0° M			-4017 Oct 13 j 18:40	0° M	
max. Earth dist.	-4018 Dec 04 j 04:42	7° M 23'17	1.40899 AU		-4017 Nov 03 j 13:46	0° $\underline{\text{L}}$	
				desc. node	-4017 Nov 04 j 11:13	1° $\underline{\text{L}}$ 22'30	
superior conj	-4018 Dec 11 j 22:43	20° M 50'10	-1°53'41	morning set	-4017 Nov 07 j 19:45	6° $\underline{\text{L}}$ 34'53	
minimum elong	-4018 Dec 11 j 21:18	20° M 43'52	1°53'48	max. Earth dist.	-4017 Nov 16 j 09:28	20° $\underline{\text{L}}$ 14'15	1.42722 AU
	-4018 Dec 16 j 23:44	0° Z			-4017 Nov 22 j 07:03	0° M	
evening rise	-4018 Dec 22 j 02:38	9° Z 32'42					
asc. node	-4017 Jan 02 j 01:09	28° Z 49'24		superior conj	-4017 Nov 23 j 06:03	1° M 37'01	-1°41'02
	-4017 Jan 02 j 20:11	0° Z		minimum elong	-4017 Nov 23 j 00:55	1° M 15'19	1°40'45
evening max el	-4017 Jan 07 j 09:32	5° Z 36'03	18°17'01	evening rise	-4017 Dec 04 j 22:53	22° M 03'43	
retrograde	-4017 Jan 14 j 13:03	9° Z 10'12			-4017 Dec 09 j 09:47	0° Z	
evening set	-4017 Jan 17 j 02:58	8° Z 43'20		asc. node	-4017 Dec 19 j 22:12	16° Z 32'59	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-4017 Dec 21 j 20:26	18° ♁ 41'32	18°07'55	evening set	-4016 Dec 13 j 19:00	4° ♁ 49'05	
retrograde	-4017 Dec 28 j 12:25	22° ♁ 09'41			-4016 Dec 19 j 09:52	30° ♁	
evening set	-4017 Dec 31 j 05:15	21° ♁ 35'18		inferior conj	-4016 Dec 19 j 22:42	29° ♁ 24'39	3°41'56
inferior conj	-4016 Jan 06 j 18:48	16° ♁ 30'28	4°00'43	minimum elong	-4016 Dec 19 j 20:00	29° ♁ 32'07	3°41'20
minimum elong	-4016 Jan 06 j 17:33	16° ♁ 33'34	4°00'28	min. Earth dist.	-4016 Dec 22 j 07:04	26° ♁ 49'04	0.63586 AU
min. Earth dist.	-4016 Jan 09 j 17:08	13° ♁ 37'24	0.61805 AU	morning rise	-4016 Dec 25 j 20:22	23° ♁ 25'40	
morning rise	-4016 Jan 13 j 04:44	10° ♁ 41'58		direct	-4015 Jan 01 j 20:55	20° ♁ 37'40	
direct	-4016 Jan 20 j 05:16	8° ♁ 12'12		morning max el	-4015 Jan 15 j 13:09	28° ♁ 21'54	27°35'27
desc. node	-4016 Jan 31 j 10:46	13° ♁ 23'20		desc. node	-4015 Jan 17 j 07:50	0° ♁ 11'29	
morning max el	-4016 Feb 03 j 05:40	15° ♁ 55'54	27°40'26		-4015 Jan 17 j 03:30	0° ♁	
	-4016 Feb 14 j 20:00	0° ♁			-4015 Feb 07 j 13:58	0° ♁	
	-4016 Mar 03 j 15:53	0° ♁		morning set	-4015 Feb 19 j 02:42	21° ♁ 13'55	
morning set	-4016 Mar 07 j 04:10	7° ♁ 00'15			-4015 Feb 23 j 09:47	0° ♁	
max. Earth dist.	-4016 Mar 13 j 03:00	19° ♁ 33'13	1.32766 AU	max. Earth dist.	-4015 Feb 24 j 08:11	1° ♁ 57'25	1.33346 AU
superior conj	-4016 Mar 14 j 12:02	22° ♁ 32'17	-0°24'48	superior conj	-4015 Feb 26 j 19:56	7° ♁ 14'43	-0°49'30
minimum elong	-4016 Mar 14 j 13:09	22° ♁ 38'21	0°24'41	minimum elong	-4015 Feb 26 j 22:06	7° ♁ 26'14	0°49'13
asc. node	-4016 Mar 16 j 21:34	27° ♁ 45'19		asc. node	-4015 Mar 03 j 18:34	17° ♁ 51'38	
	-4016 Mar 17 j 22:21	0° ♁		evening rise	-4015 Mar 05 j 23:27	22° ♁ 32'06	
evening rise	-4016 Mar 21 j 11:58	7° ♁ 38'34			-4015 Mar 09 j 14:51	0° ♁	
	-4016 Apr 02 j 06:49	0° ♁		evening max el	-4015 Mar 28 j 15:43	28° ♁ 41'54	23°01'43
evening max el	-4016 Apr 15 j 23:28	17° ♁ 59'06	24°35'20		-4015 Mar 30 j 02:05	0° ♁	
desc. node	-4016 Apr 28 j 09:29	24° ♁ 56'46		retrograde	-4015 Apr 10 j 23:43	5° ♁ 15'39	
retrograde	-4016 Apr 29 j 22:28	25° ♁ 02'16		evening set	-4015 Apr 14 j 08:41	4° ♁ 50'46	
evening set	-4016 May 04 j 14:34	24° ♁ 12'50		desc. node	-4015 Apr 15 j 06:38	4° ♁ 35'52	
min. Earth dist.	-4016 May 10 j 11:29	21° ♁ 13'34	0.56978 AU	min. Earth dist.	-4015 Apr 22 j 02:08	1° ♁ 24'25	0.55660 AU
inferior conj	-4016 May 13 j 06:39	19° ♁ 24'54	-3°32'34	inferior conj	-4015 Apr 23 j 15:00	0° ♁ 30'45	-2°12'54
minimum elong	-4016 May 13 j 01:16	19° ♁ 33'39	3°31'27	minimum elong	-4015 Apr 23 j 09:38	0° ♁ 38'34	2°11'17
morning rise	-4016 May 21 j 15:09	15° ♁ 17'43			-4015 Apr 24 j 12:10	30° ♁	
direct	-4016 May 24 j 02:29	15° ♁ 00'42		morning rise	-4015 May 02 j 12:55	26° ♁ 33'09	
morning max el	-4016 Jun 02 j 08:44	19° ♁ 19'02	19°23'39	direct	-4015 May 05 j 01:30	26° ♁ 17'52	
	-4016 Jun 10 j 13:32	0° ♁			-4015 May 14 j 08:43	0° ♁	
asc. node	-4016 Jun 12 j 21:13	3° ♁ 57'37		morning max el	-4015 May 15 j 22:55	1° ♁ 22'35	20°33'00
morning set	-4016 Jun 19 j 13:24	16° ♁ 41'20		asc. node	-4015 May 30 j 18:14	23° ♁ 16'45	
	-4016 Jun 26 j 05:22	0° ♁			-4015 Jun 03 j 03:35	0° ♁	
				morning set	-4015 Jun 03 j 18:45	1° ♁ 17'04	
superior conj	-4016 Jun 27 j 18:18	3° ♁ 01'30	1°46'11	superior conj	-4015 Jun 11 j 10:48	17° ♁ 03'07	1°35'56
minimum elong	-4016 Jun 27 j 16:51	2° ♁ 54'25	1°46'17	minimum elong	-4015 Jun 11 j 08:21	16° ♁ 50'39	1°35'51
max. Earth dist.	-4016 Jul 03 j 20:45	14° ♁ 37'48	1.37810 AU	max. Earth dist.	-4015 Jun 16 j 03:16	26° ♁ 23'27	1.36076 AU
evening rise	-4016 Jul 07 j 17:19	21° ♁ 36'06			-4015 Jun 18 j 00:12	0° ♁	
	-4016 Jul 12 j 14:14	0° ♁		evening rise	-4015 Jun 20 j 07:10	4° ♁ 18'40	
desc. node	-4016 Jul 25 j 08:24	20° ♁ 00'18			-4015 Jul 05 j 11:36	0° ♁	
	-4016 Aug 01 j 12:25	0° ♁		desc. node	-4015 Jul 12 j 05:27	9° ♁ 52'11	
evening max el	-4016 Aug 12 j 13:39	13° ♁ 00'57	25°05'15	evening max el	-4015 Jul 26 j 00:38	26° ♁ 32'32	26°12'46
retrograde	-4016 Aug 24 j 08:15	19° ♁ 51'57			-4015 Jul 29 j 23:08	0° ♁	
evening set	-4016 Aug 30 j 03:34	17° ♁ 22'48		retrograde	-4015 Aug 07 j 15:34	3° ♁ 43'43	
min. Earth dist.	-4016 Sep 03 j 15:14	12° ♁ 16'49	0.67005 AU	evening set	-4015 Aug 14 j 01:07	1° ♁ 01'12	
inferior conj	-4016 Sep 04 j 12:58	11° ♁ 05'14	-1°26'21		-4015 Aug 15 j 03:31	30° ♁	
minimum elong	-4016 Sep 04 j 14:58	10° ♁ 58'38	1°25'25	min. Earth dist.	-4015 Aug 18 j 04:37	26° ♁ 33'03	0.66309 AU
asc. node	-4016 Sep 08 j 20:26	6° ♁ 03'01		inferior conj	-4015 Aug 19 j 14:14	24° ♁ 48'21	-2°17'04
morning rise	-4016 Sep 10 j 02:26	5° ♁ 03'19		minimum elong	-4015 Aug 19 j 17:17	24° ♁ 38'49	2°15'50
direct	-4016 Sep 13 j 15:10	3° ♁ 51'04		morning rise	-4015 Aug 25 j 09:38	18° ♁ 57'08	
morning max el	-4016 Sep 21 j 03:35	8° ♁ 11'43	19°51'13	asc. node	-4015 Aug 26 j 17:32	18° ♁ 19'06	
	-4016 Oct 07 j 02:42	0° ♁		direct	-4015 Aug 28 j 13:24	17° ♁ 59'56	
morning set	-4016 Oct 16 j 18:16	14° ♁ 49'28		morning max el	-4015 Sep 04 j 11:10	21° ♁ 53'34	18°57'23
desc. node	-4016 Oct 21 j 08:09	21° ♁ 57'08			-4015 Sep 10 j 21:41	0° ♁	
	-4016 Oct 26 j 11:02	0° ♁		morning set	-4015 Sep 26 j 07:55	23° ♁ 53'15	
max. Earth dist.	-4016 Oct 28 j 20:58	3° ♁ 49'46	1.44067 AU		-4015 Sep 30 j 04:41	0° ♁	
superior conj	-4016 Nov 02 j 09:55	11° ♁ 06'41	-1°11'51	desc. node	-4015 Oct 08 j 05:05	12° ♁ 38'20	
minimum elong	-4016 Nov 02 j 02:57	10° ♁ 38'32	1°11'07	max. Earth dist.	-4015 Oct 11 j 13:34	17° ♁ 55'22	1.44761 AU
	-4016 Nov 13 j 19:59	0° ♁		superior conj	-4015 Oct 12 j 15:06	19° ♁ 36'04	-0°27'46
evening rise	-4016 Nov 16 j 00:39	3° ♁ 43'07		minimum elong	-4015 Oct 12 j 11:31	19° ♁ 21'55	0°27'17
	-4016 Dec 02 j 14:28	0° ♁			-4015 Oct 19 j 04:38	0° ♁	
evening max el	-4016 Dec 04 j 09:06	1° ♁ 59'00	18°17'52	evening rise	-4015 Oct 28 j 03:27	14° ♁ 22'27	
asc. node	-4016 Dec 05 j 19:18	3° ♁ 18'22			-4015 Nov 06 j 19:40	0° ♁	
retrograde	-4016 Dec 10 j 22:21	5° ♁ 32'20					

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-4015 Nov 17 j 20:56	15° \mathbb{M} 23'32	18°45'52	retrograde	-4014 Nov 08 j 11:18	3° \mathbb{M} 01'47	
asc. node	-4015 Nov 22 j 16:25	18° \mathbb{M} 50'49		asc. node	-4014 Nov 09 j 13:33	2° \mathbb{M} 54'52	
retrograde	-4015 Nov 24 j 15:02	19° \mathbb{M} 11'39		evening set	-4014 Nov 11 j 20:34	1° \mathbb{M} 54'49	
evening set	-4015 Nov 27 j 17:02	18° \mathbb{M} 17'41			-4014 Nov 14 j 02:26	30° \mathbb{R} \mathbb{A}	
inferior conj	-4015 Dec 03 j 13:07	12° \mathbb{M} 36'01	3°09'50	inferior conj	-4014 Nov 17 j 10:58	25° \mathbb{A} 58'51	2°28'43
minimum elong	-4015 Dec 03 j 09:57	12° \mathbb{M} 45'36	3°08'54	minimum elong	-4014 Nov 17 j 08:02	26° \mathbb{A} 08'18	2°27'42
min. Earth dist.	-4015 Dec 05 j 06:45	10° \mathbb{M} 30'09	0.65044 AU	min. Earth dist.	-4014 Nov 18 j 14:58	24° \mathbb{A} 28'15	0.66135 AU
morning rise	-4015 Dec 09 j 02:31	6° \mathbb{M} 29'22		morning rise	-4014 Nov 22 j 19:17	19° \mathbb{A} 46'49	
direct	-4015 Dec 15 j 19:12	3° \mathbb{M} 38'29		direct	-4014 Nov 28 j 23:13	17° \mathbb{A} 05'15	
morning max el	-4015 Dec 28 j 22:37	11° \mathbb{M} 14'39	26°57'39	morning max el	-4014 Dec 11 j 08:01	24° \mathbb{A} 22'13	25°54'23
desc. node	-4014 Jan 04 j 04:53	18° \mathbb{M} 14'20			-4014 Dec 16 j 10:35	0° \mathbb{M}	
	-4014 Jan 12 j 22:50	0° \mathbb{A}		desc. node	-4014 Dec 22 j 01:53	7° \mathbb{M} 09'23	
	-4014 Jan 31 j 01:28	0° \mathbb{B}			-4013 Jan 06 j 08:57	0° \mathbb{A}	
morning set	-4014 Feb 02 j 15:18	4° \mathbb{B} 52'46		morning set	-4013 Jan 16 j 13:40	17° \mathbb{A} 43'56	
max. Earth dist.	-4014 Feb 07 j 03:42	13° \mathbb{B} 47'56	1.34360 AU	max. Earth dist.	-4013 Jan 20 j 11:44	25° \mathbb{A} 06'53	1.35818 AU
					-4013 Jan 22 j 23:55	0° \mathbb{B}	
superior conj	-4014 Feb 10 j 23:03	21° \mathbb{B} 37'52	-1°12'36				
minimum elong	-4014 Feb 11 j 01:58	21° \mathbb{B} 53'05	1°12'18	superior conj	-4013 Jan 25 j 18:49	5° \mathbb{B} 33'59	-1°32'36
	-4014 Feb 14 j 22:29	0° \mathbb{A}		minimum elong	-4013 Jan 25 j 21:57	5° \mathbb{B} 49'47	1°32'26
evening rise	-4014 Feb 18 j 09:26	7° \mathbb{A} 15'30		evening rise	-4013 Feb 02 j 15:59	21° \mathbb{B} 42'39	
asc. node	-4014 Feb 18 j 15:36	7° \mathbb{A} 47'31		asc. node	-4013 Feb 05 j 12:39	27° \mathbb{B} 27'59	
	-4014 Mar 02 j 18:23	0° \mathbb{H}			-4013 Feb 06 j 19:47	0° \mathbb{A}	
evening max el	-4014 Mar 10 j 13:13	9° \mathbb{H} 35'37	21°30'33	evening max el	-4013 Feb 20 j 20:13	20° \mathbb{A} 59'38	20°12'07
retrograde	-4014 Mar 22 j 14:31	15° \mathbb{H} 23'10		retrograde	-4013 Mar 03 j 05:47	25° \mathbb{A} 55'54	
evening set	-4014 Mar 25 j 03:51	15° \mathbb{H} 08'23		evening set	-4013 Mar 05 j 13:09	25° \mathbb{A} 42'22	
desc. node	-4014 Apr 02 j 03:47	11° \mathbb{H} 51'41		inferior conj	-4013 Mar 14 j 09:14	21° \mathbb{A} 43'02	1°31'39
inferior conj	-4014 Apr 03 j 11:21	11° \mathbb{H} 07'32	-0°21'53	minimum elong	-4013 Mar 14 j 13:01	21° \mathbb{A} 37'22	1°30'19
minimum elong	-4014 Apr 03 j 10:19	11° \mathbb{H} 08'59	0°21'35	min. Earth dist.	-4013 Mar 16 j 06:05	20° \mathbb{A} 36'05	0.55600 AU
min. Earth dist.	-4014 Apr 03 j 16:04	11° \mathbb{H} 00'53	0.55165 AU	desc. node	-4013 Mar 20 j 00:56	18° \mathbb{A} 33'45	
morning rise	-4014 Apr 12 j 17:01	7° \mathbb{H} 04'19		morning rise	-4013 Mar 23 j 11:04	17° \mathbb{A} 17'08	
direct	-4014 Apr 15 j 14:19	6° \mathbb{H} 45'58		direct	-4013 Mar 27 j 04:59	16° \mathbb{A} 46'25	
morning max el	-4014 Apr 28 j 02:05	12° \mathbb{H} 43'36	22°00'03	morning max el	-4013 Apr 09 j 20:31	23° \mathbb{A} 30'52	23°38'04
	-4014 May 10 j 19:49	0° \mathbb{Y}			-4013 Apr 15 j 15:39	0° \mathbb{H}	
asc. node	-4014 May 17 j 15:14	12° \mathbb{Y} 57'58			-4013 May 03 j 02:51	0° \mathbb{Y}	
morning set	-4014 May 19 j 04:14	16° \mathbb{Y} 08'08		morning set	-4013 May 03 j 15:59	1° \mathbb{Y} 08'35	
	-4014 May 25 j 18:13	0° \mathbb{B}		asc. node	-4013 May 04 j 12:15	2° \mathbb{Y} 55'09	
superior conj	-4014 May 26 j 11:44	1° \mathbb{B} 32'00	1°20'20	superior conj	-4013 May 10 j 18:21	16° \mathbb{Y} 19'39	1°00'51
minimum elong	-4014 May 26 j 09:03	1° \mathbb{B} 17'54	1°20'03	minimum elong	-4013 May 10 j 15:59	16° \mathbb{Y} 07'01	1°00'29
max. Earth dist.	-4014 May 29 j 19:20	8° \mathbb{B} 24'22	1.34668 AU	max. Earth dist.	-4013 May 12 j 21:06	20° \mathbb{Y} 50'18	1.33623 AU
evening rise	-4014 Jun 03 j 13:18	17° \mathbb{B} 51'33			-4013 May 17 j 07:02	0° \mathbb{B}	
	-4014 Jun 10 j 02:33	0° \mathbb{I}		evening rise	-4013 May 18 j 07:08	2° \mathbb{B} 01'17	
desc. node	-4014 Jun 29 j 02:31	29° \mathbb{I} 13'00			-4013 Jun 02 j 23:47	0° \mathbb{I}	
	-4014 Jun 29 j 17:07	0° \mathbb{E}		desc. node	-4013 Jun 15 j 23:36	17° \mathbb{I} 49'51	
evening max el	-4014 Jul 08 j 12:10	9° \mathbb{E} 58'32	27°01'30	evening max el	-4013 Jun 20 j 22:50	23° \mathbb{I} 07'35	27°24'19
retrograde	-4014 Jul 21 j 17:30	17° \mathbb{E} 19'30			-4013 Jul 01 j 05:55	0° \mathbb{E}	
evening set	-4014 Jul 28 j 14:44	14° \mathbb{E} 31'31		retrograde	-4013 Jul 04 j 13:50	0° \mathbb{E} 31'39	
min. Earth dist.	-4014 Aug 01 j 10:57	10° \mathbb{E} 41'36	0.65250 AU		-4013 Jul 07 j 18:20	30° \mathbb{R} \mathbb{I}	
inferior conj	-4014 Aug 03 j 09:50	8° \mathbb{E} 26'29	-3°03'25	evening set	-4013 Jul 11 j 17:21	27° \mathbb{I} 49'46	
minimum elong	-4014 Aug 03 j 13:32	8° \mathbb{E} 15'47	3°02'10	min. Earth dist.	-4013 Jul 15 j 08:16	24° \mathbb{I} 34'22	0.63807 AU
morning rise	-4014 Aug 09 j 12:45	2° \mathbb{E} 49'20		inferior conj	-4013 Jul 17 j 21:16	21° \mathbb{I} 55'11	-3°42'27
direct	-4014 Aug 12 j 09:50	2° \mathbb{E} 04'03		minimum elong	-4013 Jul 18 j 00:54	21° \mathbb{I} 45'39	3°41'31
asc. node	-4014 Aug 13 j 14:39	2° \mathbb{E} 11'53		morning rise	-4013 Jul 24 j 09:14	16° \mathbb{I} 35'20	
morning max el	-4014 Aug 18 j 23:33	5° \mathbb{E} 39'10	18°19'50	direct	-4013 Jul 27 j 01:47	15° \mathbb{I} 59'15	
	-4014 Sep 04 j 10:21	0° \mathbb{O}		asc. node	-4013 Jul 31 j 11:43	17° \mathbb{I} 35'59	
morning set	-4014 Sep 07 j 00:12	4° \mathbb{O} 14'55		morning max el	-4013 Aug 02 j 14:20	19° \mathbb{I} 24'34	17°59'41
					-4013 Aug 10 j 10:01	0° \mathbb{E}	
superior conj	-4014 Sep 21 j 15:38	27° \mathbb{O} 56'20	0°21'42	morning set	-4013 Aug 19 j 18:32	15° \mathbb{E} 51'18	
minimum elong	-4014 Sep 21 j 18:21	28° \mathbb{O} 07'07	0°21'27		-4013 Aug 28 j 01:39	0° \mathbb{O}	
	-4014 Sep 22 j 22:50	0° \mathbb{M}					
max. Earth dist.	-4014 Sep 24 j 08:02	2° \mathbb{M} 11'19	1.44728 AU	superior conj	-4013 Sep 01 j 09:36	7° \mathbb{O} 10'49	1°03'56
desc. node	-4014 Sep 25 j 02:01	3° \mathbb{M} 22'17		minimum elong	-4013 Sep 01 j 15:23	7° \mathbb{O} 34'28	1°03'25
evening rise	-4014 Oct 08 j 05:20	23° \mathbb{M} 58'01		max. Earth dist.	-4013 Sep 07 j 00:37	16° \mathbb{O} 17'29	1.43984 AU
	-4014 Oct 12 j 02:04	0° \mathbb{A}		desc. node	-4013 Sep 11 j 22:58	24° \mathbb{O} 06'23	
greatest brilliancy	-4014 Oct 19 j 09:45	11° \mathbb{A} 20'10	-0.7m		-4013 Sep 15 j 17:31	0° \mathbb{M}	
evening max el	-4014 Nov 01 j 05:23	28° \mathbb{A} 50'02	19°30'37	evening rise	-4013 Sep 17 j 12:40	2° \mathbb{M} 47'04	
	-4014 Nov 02 j 10:04	0° \mathbb{M}			-4013 Oct 05 j 16:29	0° \mathbb{A}	


































































































































Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-4013 Oct 15 j 08:32	12° Ω 16'10	20°30'09		evening max el	-4012 Sep 07 j 20:39	0° Π	
retrograde	-4013 Oct 23 j 08:37	16° Ω 59'18		evening max el	-4012 Sep 27 j 05:27	25° Π 41'32	21°41'40	
evening set	-4013 Oct 27 j 03:18	15° Ω 36'52			-4012 Oct 02 j 13:59	0° Ω		
asc. node	-4013 Oct 27 j 10:41	15° Ω 22'51		retrograde	-4012 Oct 06 j 04:58	1° Ω 01'35		
inferior conj	-4013 Nov 01 j 13:44	9° Ω 29'59	1°41'34		-4012 Oct 09 j 13:27	30° \mathbb{R} Π		
minimum elong	-4013 Nov 01 j 11:32	9° Ω 37'23	1°40'43	evening set	-4012 Oct 10 j 11:15	29° Π 21'24		
min. Earth dist.	-4013 Nov 02 j 05:45	8° Ω 35'51	0.66877 AU	asc. node	-4012 Oct 13 j 07:46	26° Π 25'07		
morning rise	-4013 Nov 06 j 19:36	3° Ω 14'56		inferior conj	-4012 Oct 15 j 19:21	23° Π 07'11	0°50'35	
direct	-4013 Nov 12 j 08:34	0° Ω 50'23		minimum elong	-4012 Oct 15 j 18:12	23° Π 11'10	0°50'08	
morning max el	-4013 Nov 23 j 16:49	7° Ω 35'51	24°34'43	min. Earth dist.	-4012 Oct 16 j 00:36	22° Π 49'02	0.67300 AU	
desc. node	-4013 Dec 08 j 22:52	26° Ω 41'20		morning rise	-4012 Oct 21 j 00:58	16° Π 51'54		
	-4013 Dec 11 j 06:00	0° \mathbb{L}		direct	-4012 Oct 25 j 22:46	14° Π 48'04		
morning set	-4013 Dec 29 j 16:12	29° \mathbb{L} 31'49		morning max el	-4012 Nov 05 j 02:36	20° Π 52'08	23°08'26	
	-4013 Dec 29 j 22:37	0° \mathbb{A}			-4012 Nov 12 j 21:39	0° Ω		
max. Earth dist.	-4012 Jan 02 j 10:21	6° \mathbb{A} 14'18	1.37661 AU	desc. node	-4012 Nov 24 j 19:48	16° Ω 39'36		
					-4012 Dec 03 j 12:40	0° \mathbb{L}		
superior conj	-4012 Jan 09 j 03:56	18° \mathbb{A} 53'28	-1°47'31	morning set	-4012 Dec 09 j 16:49	10° \mathbb{L} 01'07		
minimum elong	-4012 Jan 09 j 06:22	19° \mathbb{A} 05'14	1°47'33	max. Earth dist.	-4012 Dec 14 j 06:01	17° \mathbb{L} 43'49	1.39717 AU	
	-4012 Jan 14 j 19:14	0° \mathbb{B}			-4012 Dec 21 j 03:33	0° \mathbb{A}		
evening rise	-4012 Jan 17 j 16:51	5° \mathbb{B} 46'49		superior conj	-4012 Dec 21 j 22:04	1° \mathbb{A} 25'03	-1°54'34	
asc. node	-4012 Jan 23 j 09:42	16° \mathbb{B} 46'49		minimum elong	-4012 Dec 21 j 22:29	1° \mathbb{A} 26'56	1°54'43	
	-4012 Jan 31 j 19:58	0° \approx		evening rise	-4012 Dec 31 j 09:22	19° \mathbb{A} 21'09		
evening max el	-4012 Feb 03 j 13:43	2° \approx 59'42	19°11'44		-4011 Jan 06 j 01:15	0° \mathbb{B}		
retrograde	-4012 Feb 12 j 09:25	7° \approx 12'22		asc. node	-4011 Jan 09 j 06:45	5° \mathbb{B} 36'42		
evening set	-4012 Feb 14 j 18:17	6° \approx 55'28		evening max el	-4011 Jan 16 j 16:14	15° \mathbb{B} 32'17	18°31'16	
inferior conj	-4012 Feb 22 j 21:28	2° \approx 43'57	2°58'15	retrograde	-4011 Jan 24 j 07:09	19° \mathbb{B} 15'47		
minimum elong	-4012 Feb 23 j 02:24	2° \approx 35'33	2°56'57	evening set	-4011 Jan 26 j 19:19	18° \mathbb{B} 52'59		
min. Earth dist.	-4012 Feb 25 j 21:11	0° \approx 42'28	0.56863 AU	inferior conj	-4011 Feb 03 j 05:52	14° \mathbb{B} 22'12	3°47'11	
	-4012 Feb 26 j 23:48	30° \mathbb{R} \mathbb{B}		minimum elong	-4011 Feb 03 j 08:44	14° \mathbb{B} 16'31	3°46'40	
morning rise	-4012 Mar 02 j 07:49	27° \mathbb{B} 47'27		min. Earth dist.	-4011 Feb 06 j 15:08	11° \mathbb{B} 42'21	0.58676 AU	
desc. node	-4012 Mar 05 j 22:04	26° \mathbb{B} 54'29		morning rise	-4011 Feb 10 j 19:50	8° \mathbb{B} 59'57		
direct	-4012 Mar 07 j 07:02	26° \mathbb{B} 50'01		direct	-4011 Feb 16 j 22:38	7° \mathbb{B} 24'25		
	-4012 Mar 16 j 11:05	0° \approx		desc. node	-4011 Feb 20 j 19:10	8° \mathbb{B} 01'25		
morning max el	-4012 Mar 21 j 11:31	4° \approx 06'13	25°14'50	morning max el	-4011 Mar 03 j 04:54	14° \mathbb{B} 57'09	26°35'15	
	-4012 Apr 08 j 22:32	0° \mathbb{H}			-4011 Mar 15 j 07:54	0° \approx		
morning set	-4012 Apr 17 j 04:11	16° \mathbb{H} 11'06			-4011 Apr 01 j 01:46	0° \mathbb{H}		
asc. node	-4012 Apr 20 j 09:14	23° \mathbb{H} 02'14		morning set	-4011 Apr 01 j 15:09	1° \mathbb{H} 09'42		
	-4012 Apr 23 j 14:06	0° \mathbb{Y}		asc. node	-4011 Apr 07 j 06:13	13° \mathbb{H} 14'52		
superior conj	-4012 Apr 24 j 04:21	1° \mathbb{Y} 17'32	0°38'39	superior conj	-4011 Apr 08 j 15:56	16° \mathbb{H} 19'22	0°14'39	
minimum elong	-4012 Apr 24 j 02:43	1° \mathbb{Y} 08'41	0°38'18	minimum elong	-4011 Apr 08 j 15:18	16° \mathbb{H} 15'51	0°14'27	
max. Earth dist.	-4012 Apr 25 j 06:01	3° \mathbb{Y} 36'58	1.32940 AU	behind sun begin	-4011 Apr 08 j 13:18	16° \mathbb{H} 04'53		
evening rise	-4012 May 01 j 09:01	16° \mathbb{Y} 35'27		behind sun end	-4011 Apr 08 j 17:18	16° \mathbb{H} 26'48		
	-4012 May 08 j 06:01	0° \mathbb{B}		max. Earth dist.	-4011 Apr 08 j 18:49	16° \mathbb{H} 35'07	1.32607 AU	
	-4012 May 27 j 21:42	0° \mathbb{I}			-4011 Apr 14 j 23:59	0° \mathbb{Y}		
desc. node	-4012 Jun 01 j 20:42	5° \mathbb{I} 22'59		evening rise	-4011 Apr 15 j 16:15	1° \mathbb{Y} 25'09		
evening max el	-4012 Jun 02 j 06:21	5° \mathbb{I} 46'16	27°16'07		-4011 May 01 j 07:57	0° \mathbb{B}		
retrograde	-4012 Jun 16 j 03:53	13° \mathbb{I} 09'37		evening max el	-4011 May 15 j 08:39	17° \mathbb{B} 45'38	26°35'08	
evening set	-4012 Jun 23 j 05:07	10° \mathbb{I} 48'06		desc. node	-4011 May 19 j 17:50	21° \mathbb{B} 25'58		
min. Earth dist.	-4012 Jun 26 j 19:42	7° \mathbb{I} 57'21	0.62013 AU	retrograde	-4011 May 29 j 10:15	25° \mathbb{B} 05'15		
inferior conj	-4012 Jun 29 j 21:24	5° \mathbb{I} 06'32	-4°09'49	evening set	-4011 Jun 04 j 21:53	23° \mathbb{B} 17'15		
minimum elong	-4012 Jun 29 j 23:49	5° \mathbb{I} 00'53	4°09'24	min. Earth dist.	-4011 Jun 08 j 22:01	20° \mathbb{B} 35'39	0.59998 AU	
morning rise	-4012 Jul 06 j 19:56	0° \mathbb{I} 06'36		inferior conj	-4011 Jun 12 j 06:45	17° \mathbb{B} 52'19	-4°18'48	
	-4012 Jul 07 j 03:32	30° \mathbb{R} \mathbb{B}		minimum elong	-4011 Jun 12 j 06:32	17° \mathbb{B} 52'45	4°18'41	
direct	-4012 Jul 09 j 09:44	29° \mathbb{B} 37'34		morning rise	-4011 Jun 19 j 17:21	13° \mathbb{B} 13'45		
	-4012 Jul 11 j 15:07	0° \mathbb{I}		direct	-4011 Jun 22 j 05:47	12° \mathbb{B} 50'10		
morning max el	-4012 Jul 16 j 04:42	3° \mathbb{I} 02'32	17°57'52	morning max el	-4011 Jun 29 j 15:47	16° \mathbb{B} 25'28	18°15'17	
asc. node	-4012 Jul 17 j 08:46	4° \mathbb{I} 15'55		asc. node	-4011 Jul 04 j 05:47	21° \mathbb{B} 56'23		
morning set	-4012 Aug 01 j 09:41	28° \mathbb{I} 27'15			-4011 Jul 09 j 06:11	0° \mathbb{I}		
	-4012 Aug 02 j 06:11	0° \mathbb{E}		morning set	-4011 Jul 15 j 16:23	11° \mathbb{I} 49'24		
superior conj	-4012 Aug 12 j 06:51	17° \mathbb{E} 46'29	1°32'14	superior conj	-4011 Jul 25 j 05:50	29° \mathbb{I} 39'00	1°46'23	
minimum elong	-4012 Aug 12 j 11:30	18° \mathbb{E} 06'27	1°32'01	minimum elong	-4011 Jul 25 j 07:46	29° \mathbb{I} 47'48	1°46'29	
max. Earth dist.	-4012 Aug 19 j 12:17	29° \mathbb{E} 54'59	1.42629 AU		-4011 Jul 25 j 10:28	0° \mathbb{E}		
	-4012 Aug 19 j 13:30	0° Ω		max. Earth dist.	-4011 Aug 01 j 18:09	12° \mathbb{E} 51'57	1.40858 AU	
evening rise	-4012 Aug 26 j 18:36	11° Ω 34'33		evening rise	-4011 Aug 06 j 18:10	21° \mathbb{E} 12'48		
desc. node	-4012 Aug 28 j 19:55	14° Ω 47'19						

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4011 Aug 12 j 05:51	0°♌		asc. node	-4010 Jun 21 j 02:48	10°♄23'58	
desc. node	-4011 Aug 15 j 16:53	5°♌21'22		morning set	-4010 Jun 29 j 10:25	25°♄47'17	
	-4011 Sep 02 j 00:50	0°♍			-4010 Jul 01 j 13:55	0°♌	
evening max el	-4011 Sep 09 j 20:48	9°♍07'22	23°00'45				
retrograde	-4011 Sep 19 j 22:47	15°♍05'53		superior conj	-4010 Jul 08 j 01:07	12°♌33'49	1°48'54
evening set	-4011 Sep 24 j 18:38	13°♍06'19		minimum elong	-4010 Jul 08 j 00:39	12°♌31'37	1°49'04
inferior conj	-4011 Sep 30 j 01:58	6°♍48'19	-0°02'29	max. Earth dist.	-4010 Jul 14 j 20:28	25°♌08'46	1.38911 AU
minimum elong	-4011 Sep 30 j 02:01	6°♍48'07	0°02'23		-4010 Jul 17 j 14:28	0°♍	
transit middle	-4011 Sep 30 j 02:01	6°♍48'07	0°02'23	evening rise	-4010 Jul 18 j 19:46	2°♍06'43	
transit begin	-4011 Sep 29 j 23:21	6°♍57'20		desc. node	-4010 Aug 02 j 13:55	25°♍44'17	
transit end	-4011 Sep 30 j 04:42	6°♍38'55			-4010 Aug 05 j 11:37	0°♌	
min. Earth dist.	-4011 Sep 29 j 21:01	7°♍05'21	0.67427 AU	evening max el	-4010 Aug 23 j 08:40	22°♌36'00	24°21'13
asc. node	-4011 Sep 30 j 04:52	6°♍38'20		retrograde	-4010 Sep 03 j 13:01	29°♌09'27	
morning rise	-4011 Oct 05 j 09:17	0°♍35'49		evening set	-4010 Sep 08 j 23:45	26°♌50'29	
	-4011 Oct 06 j 05:04	30°♋♌		min. Earth dist.	-4010 Sep 13 j 16:32	21°♌23'48	0.67254 AU
direct	-4011 Oct 09 j 16:53	28°♌53'20		inferior conj	-4010 Sep 14 j 07:55	20°♌32'00	-0°55'57
	-4011 Oct 13 j 11:44	0°♍		minimum elong	-4010 Sep 14 j 09:13	20°♌27'36	0°55'18
morning max el	-4011 Oct 18 j 16:29	4°♍12'54	21°44'17	asc. node	-4010 Sep 17 j 01:57	17°♌00'37	
	-4011 Nov 07 j 02:04	0°♎		morning rise	-4010 Sep 19 j 18:40	14°♌25'27	
desc. node	-4011 Nov 11 j 16:43	6°♎56'08		direct	-4010 Sep 23 j 13:46	13°♌02'53	
morning set	-4011 Nov 19 j 12:43	19°♎07'25		morning max el	-4010 Oct 01 j 13:12	17°♌42'22	20°28'56
	-4011 Nov 26 j 05:36	0°♍			-4010 Oct 11 j 06:46	0°♍	
max. Earth dist.	-4011 Nov 26 j 06:17	0°♍02'50	1.41720 AU	morning set	-4010 Oct 29 j 12:59	27°♍23'05	
				desc. node	-4010 Oct 29 j 13:41	27°♍25'45	
superior conj	-4011 Dec 03 j 19:46	12°♍54'19	-1°50'14		-4010 Oct 31 j 05:20	0°♎	
minimum elong	-4011 Dec 03 j 16:47	12°♍41'19	1°50'12	max. Earth dist.	-4010 Nov 08 j 14:33	13°♎16'36	1.43374 AU
	-4011 Dec 13 j 08:11	0°♏					
evening rise	-4011 Dec 14 j 14:07	2°♏17'24		superior conj	-4010 Nov 14 j 15:39	23°♎09'02	-1°30'45
asc. node	-4011 Dec 27 j 03:49	23°♏47'43		minimum elong	-4010 Nov 14 j 09:16	22°♎42'37	1°30'15
evening max el	-4011 Dec 31 j 00:57	28°♏28'11	18°10'48		-4010 Nov 18 j 17:48	0°♍	
	-4010 Jan 01 j 19:01	0°♏		evening rise	-4010 Nov 27 j 03:07	14°♍27'56	
retrograde	-4010 Jan 06 j 22:12	1°♏57'50			-4010 Dec 06 j 03:25	0°♏	
evening set	-4010 Jan 09 j 13:25	1°♏27'49		asc. node	-4010 Dec 14 j 00:53	11°♏08'25	
	-4010 Jan 12 j 06:53	30°♋♏		evening max el	-4010 Dec 14 j 12:59	11°♏39'48	18°09'48
inferior conj	-4010 Jan 16 j 09:48	26°♏35'14	4°03'04	retrograde	-4010 Dec 21 j 02:36	15°♏08'38	
minimum elong	-4010 Jan 16 j 09:52	26°♏35'05	4°02'53	evening set	-4010 Dec 23 j 21:03	14°♏30'29	
min. Earth dist.	-4010 Jan 19 j 14:35	23°♏40'30	0.60689 AU	inferior conj	-4010 Dec 30 j 06:05	9°♏16'48	3°54'41
morning rise	-4010 Jan 23 j 04:52	20°♏54'58		minimum elong	-4010 Dec 30 j 04:05	9°♏22'00	3°54'18
direct	-4010 Jan 30 j 01:02	18°♏42'06		min. Earth dist.	-4009 Jan 01 j 22:38	6°♏29'34	0.62607 AU
desc. node	-4010 Feb 07 j 16:14	21°♏48'02		morning rise	-4009 Jan 05 j 10:18	3°♏23'36	
morning max el	-4010 Feb 13 j 04:01	26°♏22'19	27°26'43	direct	-4009 Jan 12 j 12:01	0°♏44'29	
	-4010 Feb 16 j 14:29	0°♏		desc. node	-4009 Jan 25 j 13:18	7°♏40'17	
	-4010 Mar 08 j 18:11	0°♐		morning max el	-4009 Jan 26 j 09:10	8°♏28'10	27°42'37
morning set	-4010 Mar 16 j 23:05	15°♐57'12			-4009 Feb 12 j 01:15	0°♏	
max. Earth dist.	-4010 Mar 23 j 07:50	29°♐31'36	1.32611 AU		-4009 Feb 28 j 20:41	0°♐	
	-4010 Mar 23 j 13:03	0°♑		morning set	-4009 Mar 01 j 01:50	0°♐26'01	
				max. Earth dist.	-4009 Mar 06 j 17:16	12°♐12'38	1.32971 AU
superior conj	-4010 Mar 24 j 03:26	1°♑18'35	-0°10'21				
minimum elong	-4010 Mar 24 j 03:54	1°♑21'08	0°10'20	superior conj	-4009 Mar 08 j 13:11	16°♐09'02	-0°35'25
behind sun begin	-4010 Mar 24 j 00:04	1°♑00'10		minimum elong	-4009 Mar 08 j 14:46	16°♐17'33	0°35'12
behind sun end	-4010 Mar 24 j 07:45	1°♑42'06		asc. node	-4009 Mar 12 j 00:14	23°♐38'51	
asc. node	-4010 Mar 25 j 03:13	3°♑28'29			-4009 Mar 14 j 23:18	0°♑	
evening rise	-4010 Mar 31 j 02:38	16°♑22'05		evening rise	-4009 Mar 15 j 14:16	1°♑19'05	
	-4010 Apr 06 j 22:39	0°♒			-4009 Mar 31 j 13:59	0°♒	
evening max el	-4010 Apr 27 j 04:52	29°♒04'04	25°25'05	evening max el	-4009 Apr 08 j 20:57	9°♒52'34	23°55'57
	-4010 Apr 28 j 04:56	0°♒		retrograde	-4009 Apr 22 j 14:55	16°♒45'04	
desc. node	-4010 May 06 j 14:57	5°♒24'32		desc. node	-4009 Apr 23 j 12:06	16°♒43'18	
retrograde	-4010 May 11 j 06:38	6°♒15'17		evening set	-4009 Apr 26 j 17:21	16°♒07'48	
evening set	-4010 May 16 j 17:01	5°♒06'01		min. Earth dist.	-4009 May 03 j 08:25	12°♒58'41	0.56334 AU
min. Earth dist.	-4010 May 21 j 17:15	2°♒17'17	0.57999 AU	inferior conj	-4009 May 05 j 16:45	11°♒32'17	-3°03'40
inferior conj	-4010 May 24 j 21:50	0°♒03'20	-4°00'01	minimum elong	-4009 May 05 j 10:50	11°♒41'26	3°02'10
minimum elong	-4010 May 24 j 18:05	0°♒09'56	3°59'27	morning rise	-4009 May 14 j 07:17	7°♒30'53	
	-4010 May 24 j 23:43	30°♋♒		direct	-4009 May 16 j 18:57	7°♒14'51	
morning rise	-4010 Jun 01 j 22:00	25°♒45'38		morning max el	-4009 May 26 j 16:54	11°♒50'57	19°50'51
direct	-4010 Jun 04 j 09:48	25°♒26'24		asc. node	-4009 Jun 07 j 23:51	29°♒27'02	
morning max el	-4010 Jun 12 j 20:45	29°♒24'48	18°52'50		-4009 Jun 08 j 06:58	0°♒	
	-4010 Jun 13 j 11:16	0°♒		morning set	-4009 Jun 13 j 12:24	10°♒11'28	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4009 Jun 21 j 11:10	26°  15'02	1°42'37	superior conj	-4008 Jun 04 j 07:43	10°  30'15	1°29'53
minimum elong	-4009 Jun 21 j 09:12	26°  05'12	1°42'38	minimum elong	-4008 Jun 04 j 05:05	10°  16'41	1°29'42
	-4009 Jun 23 j 08:45	0°  II		max. Earth dist.	-4008 Jun 08 j 09:56	18°  48'10	1.35429 AU
max. Earth dist.	-4009 Jun 26 j 23:49	6°  II58'48	1.37035 AU	evening rise	-4008 Jun 12 j 19:12	27°  19'06	
evening rise	-4009 Jun 30 j 21:47	14°  II13'00			-4008 Jun 14 j 05:32	0°  II	
	-4009 Jul 10 j 02:36	0°  ☿			-4008 Jul 02 j 09:50	0°  ☿	
desc. node	-4009 Jul 20 j 10:58	15°  ☿49'43		desc. node	-4008 Jul 06 j 08:00	5°  ☿29'57	
	-4009 Jul 31 j 04:53	0°  ♊		evening max el	-4008 Jul 18 j 06:19	19°  ☿36'13	26°36'09
evening max el	-4009 Aug 05 j 19:18	6°  ♊06'42	25°35'44	retrograde	-4008 Jul 31 j 04:07	26°  ☿53'22	
retrograde	-4009 Aug 17 j 22:56	13°  ♊07'15		evening set	-4008 Aug 06 j 19:10	24°  ☿06'59	
evening set	-4009 Aug 24 j 00:40	10°  ♊31'27		min. Earth dist.	-4008 Aug 10 j 19:18	19°  ☿55'27	0.65905 AU
min. Earth dist.	-4009 Aug 28 j 08:43	5°  ♊41'40	0.66756 AU	inferior conj	-4008 Aug 12 j 10:31	17°  ☿56'57	-2°37'27
inferior conj	-4009 Aug 29 j 11:24	4°  ♊15'42	-1°48'14	minimum elong	-4008 Aug 12 j 13:55	17°  ☿46'40	2°36'09
minimum elong	-4009 Aug 29 j 13:53	4°  ♊07'41	1°47'09	morning rise	-4008 Aug 18 j 08:58	12°  ☿11'34	
	-4009 Sep 02 j 01:59	30°  ♋☿		asc. node	-4008 Aug 20 j 20:12	11°  ☿21'44	
asc. node	-4009 Sep 03 j 23:04	28°  ☿25'06		direct	-4008 Aug 21 j 09:31	11°  ☿20'00	
morning rise	-4009 Sep 04 j 03:14	28°  ☿18'12		morning max el	-4008 Aug 28 j 03:10	15°  ☿04'48	18°39'21
direct	-4009 Sep 07 j 11:54	27°  ☿12'46			-4008 Sep 07 j 23:55	0°  ♊	
	-4009 Sep 13 j 07:25	0°  ♊		morning set	-4008 Sep 17 j 15:53	15°  ♊27'42	
morning max el	-4009 Sep 14 j 17:13	1°  ♊20'32	19°26'30		-4008 Sep 26 j 18:20	0°  ♋	
	-4009 Oct 04 j 21:02	0°  ♋		desc. node	-4008 Oct 02 j 07:33	8°  ♋46'31	
morning set	-4009 Oct 08 j 15:35	5°  ♋52'31					
desc. node	-4009 Oct 16 j 10:38	18°  ♋03'45		superior conj	-4008 Oct 03 j 08:44	10°  ♋25'43	-0°06'40
max. Earth dist.	-4009 Oct 22 j 05:02	27°  ♋08'55	1.44449 AU	minimum elong	-4008 Oct 03 j 07:51	10°  ♋22'17	0°06'29
	-4009 Oct 24 j 00:10	0°  ♌		behind sun begin	-4008 Oct 02 j 21:17	9°  ♋40'39	
				behind sun end	-4008 Oct 03 j 18:25	11°  ♋03'55	
superior conj	-4009 Oct 25 j 08:28	2°  ♌08'35	-0°54'35	max. Earth dist.	-4008 Oct 03 j 22:27	11°  ♋19'47	1.44831 AU
minimum elong	-4009 Oct 25 j 02:13	1°  ♌43'43	0°53'51		-4008 Oct 15 j 18:22	0°  ♌	
evening rise	-4009 Nov 08 j 19:38	25°  ♌43'17		evening rise	-4008 Oct 19 j 11:41	5°  ♌54'50	
	-4009 Nov 11 j 09:18	0°  ♌			-4008 Nov 03 j 21:38	0°  ♌	
evening max el	-4009 Nov 28 j 01:34	25°  ♌00'53	18°27'34	evening max el	-4008 Nov 10 j 12:08	8°  ♌26'18	19°02'58
asc. node	-4009 Nov 30 j 21:58	27°  ♌25'00		asc. node	-4008 Nov 16 j 19:05	12°  ♌21'32	
retrograde	-4009 Dec 04 j 16:03	28°  ♌39'40		retrograde	-4008 Nov 17 j 10:39	12°  ♌23'55	
evening set	-4009 Dec 07 j 14:44	27°  ♌52'06		evening set	-4008 Nov 20 j 15:23	11°  ♌24'54	
inferior conj	-4009 Dec 13 j 14:54	22°  ♌19'41	3°29'40	inferior conj	-4008 Nov 26 j 08:49	5°  ♌36'46	2°53'19
minimum elong	-4009 Dec 13 j 11:54	22°  ♌28'22	3°28'54	minimum elong	-4008 Nov 26 j 05:41	5°  ♌46'34	2°52'19
min. Earth dist.	-4009 Dec 15 j 16:50	19°  ♌55'53	0.64246 AU	min. Earth dist.	-4008 Nov 27 j 20:32	3°  ♌45'17	0.65544 AU
morning rise	-4009 Dec 19 j 08:36	16°  ♌16'59			-4008 Dec 01 j 05:20	30°  ♌☿	
direct	-4009 Dec 26 j 06:24	13°  ♌26'20		morning rise	-4008 Dec 01 j 19:40	29°  ♌27'17	
morning max el	-4008 Jan 08 j 18:07	21°  ♌08'27	27°23'07	direct	-4008 Dec 08 j 07:15	26°  ♌38'59	
desc. node	-4008 Jan 12 j 10:22	25°  ♌03'56			-4008 Dec 16 j 10:22	0°  ♌	
	-4008 Jan 16 j 12:23	0°  ♌☿		morning max el	-4008 Dec 21 j 03:51	4°  ♌09'31	26°33'25
	-4008 Feb 05 j 02:56	0°  ♌☿		desc. node	-4008 Dec 29 j 07:23	13°  ♌31'25	
morning set	-4008 Feb 12 j 20:41	14°  ♌27'20			-4007 Jan 09 j 22:32	0°  ♌☿	
max. Earth dist.	-4008 Feb 17 j 19:03	24°  ♌25'19	1.33724 AU	morning set	-4007 Jan 26 j 03:52	27°  ♌48'18	
	-4008 Feb 20 j 10:55	0°  ♌☿			-4007 Jan 27 j 07:32	0°  ♌☿	
				max. Earth dist.	-4007 Jan 30 j 09:40	6°  ♌01'17	1.34920 AU
superior conj	-4008 Feb 20 j 19:23	0°  ♌44'48	-0°59'34				
minimum elong	-4008 Feb 20 j 21:54	0°  ♌58'11	0°59'16	superior conj	-4007 Feb 03 j 19:42	14°  ♌57'43	-1°21'34
asc. node	-4008 Feb 26 j 21:15	13°  ♌41'52		minimum elong	-4007 Feb 03 j 22:47	15°  ♌13'40	1°21'18
evening rise	-4008 Feb 28 j 01:25	16°  ♌09'58		evening rise	-4007 Feb 11 j 10:09	0°  ♌47'20	
	-4008 Mar 06 j 00:58	0°  ♌☿			-4007 Feb 11 j 01:00	0°  ♌☿	
evening max el	-4008 Mar 20 j 14:35	20°  ♌37'04	22°21'51	asc. node	-4007 Feb 12 j 18:16	3°  ♌31'59	
retrograde	-4008 Apr 02 j 11:24	26°  ♌53'32			-4007 Feb 28 j 23:28	0°  ♌☿	
evening set	-4008 Apr 05 j 10:12	26°  ♌34'21		evening max el	-4007 Mar 02 j 15:47	1°  ♌42'32	20°55'16
desc. node	-4008 Apr 09 j 09:14	25°  ♌14'39		retrograde	-4007 Mar 14 j 01:04	7°  ♌08'18	
min. Earth dist.	-4008 Apr 13 j 22:35	22°  ♌52'27	0.55335 AU	evening set	-4007 Mar 16 j 10:08	6°  ♌55'00	
inferior conj	-4008 Apr 14 j 18:44	22°  ♌37'51	-1°28'19	inferior conj	-4007 Mar 25 j 14:00	2°  ♌57'00	0°27'56
minimum elong	-4008 Apr 14 j 14:48	22°  ♌29'26	1°27'03	minimum elong	-4007 Mar 25 j 15:16	2°  ♌55'11	0°27'24
morning rise	-4008 Apr 23 j 21:06	18°  ♌26'27		min. Earth dist.	-4007 Mar 26 j 12:52	2°  ♌24'18	0.55234 AU
direct	-4008 Apr 26 j 11:54	18°  ♌10'48		desc. node	-4007 Mar 27 j 06:23	1°  ♌59'28	
morning max el	-4008 May 08 j 02:32	23°  ♌37'32	21°08'12		-4007 Mar 31 j 03:45	30°  ♌☿	
	-4008 May 13 j 16:31	0°  ♌☿		morning rise	-4007 Apr 03 j 19:35	28°  ♌45'28	
asc. node	-4008 May 24 j 20:54	18°  ♌56'59		direct	-4007 Apr 06 j 23:54	28°  ♌23'25	
morning set	-4008 May 27 j 19:47	24°  ♌55'05			-4007 Apr 13 j 12:39	0°  ♌☿	
	-4008 May 30 j 06:36	0°  ♌☿		morning max el	-4007 Apr 20 j 01:40	4°  ♌43'13	22°40'54
					-4007 May 07 j 09:00	0°  ♌☿	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4007 May 11 j 17:55	8° Υ 45'45		morning set	-4006 Apr 26 j 18:32	24° Υ 52'32	
morning set	-4007 May 12 j 06:25	9° Υ 50'45		asc. node	-4006 Apr 28 j 14:53	28° Υ 47'33	
					-4006 Apr 29 j 04:25	0° Υ	
superior conj	-4007 May 19 j 11:23	25° Υ 08'20	1°12'28	superior conj	-4006 May 03 j 19:39	10° Υ 01'00	0°51'43
minimum elong	-4007 May 19 j 08:46	24° Υ 54'32	1°12'08	minimum elong	-4006 May 03 j 17:34	9° Υ 49'43	0°51'20
	-4007 May 21 j 18:49	0° Υ		max. Earth dist.	-4006 May 05 j 11:09	13° Υ 33'35	1.33296 AU
max. Earth dist.	-4007 May 22 j 05:58	0° Υ 57'57	1.34177 AU	evening rise	-4006 May 11 j 04:28	25° Υ 31'01	
evening rise	-4007 May 27 j 06:49	11° Υ 09'26			-4006 May 13 j 10:27	0° Υ	
	-4007 Jun 06 j 13:59	0° Υ		desc. node	-4006 May 31 j 01:30	12° Υ 46'45	
desc. node	-4007 Jun 23 j 05:04	24° Υ 34'09		evening max el	-4006 Jun 10 j 02:10	15° Υ 54'53	27°24'54
	-4007 Jun 27 j 20:45	0° Υ		retrograde	-4006 Jun 13 j 03:30	23° Υ 18'28	
evening max el	-4007 Jun 30 j 17:39	2° Υ 56'32	27°14'45	evening set	-4006 Jun 26 j 21:41	20° Υ 43'54	
retrograde	-4007 Jul 14 j 04:00	10° Υ 20'09		min. Earth dist.	-4006 Jul 04 j 01:19	17° Υ 40'12	0.63080 AU
evening set	-4007 Jul 21 j 04:33	7° Υ 33'11		inferior conj	-4006 Jul 07 j 15:26	14° Υ 54'28	-3°55'52
min. Earth dist.	-4007 Jul 24 j 22:07	3° Υ 58'33	0.64677 AU	minimum elong	-4006 Jul 10 j 10:01	14° Υ 46'16	3°55'09
inferior conj	-4007 Jul 27 j 02:58	1° Υ 31'59	-3°21'08	morning rise	-4006 Jul 10 j 13:18	9° Υ 42'28	
minimum elong	-4007 Jul 27 j 06:46	1° Υ 21'27	3°19'59	direct	-4006 Jul 17 j 02:16	9° Υ 09'34	
	-4007 Jul 28 j 12:42	30° Υ		asc. node	-4006 Jul 19 j 17:27	11° Υ 52'48	
morning rise	-4007 Aug 02 j 09:34	26° Υ 01'43		morning max el	-4006 Jul 25 j 14:23	12° Υ 33'41	17°56'33
direct	-4007 Aug 05 j 04:21	25° Υ 20'47		morning set	-4006 Jul 26 j 07:44	0° Υ	
asc. node	-4007 Aug 07 j 17:18	25° Υ 54'41			-4006 Aug 11 j 23:39	8° Υ 26'25	
morning max el	-4007 Aug 11 j 16:53	28° Υ 51'06	18°09'01	superior conj	-4006 Aug 23 j 19:38	28° Υ 50'46	1°17'47
	-4007 Aug 12 j 18:43	0° Υ		minimum elong	-4006 Aug 24 j 01:18	29° Υ 14'27	1°17'22
morning set	-4007 Aug 29 j 19:44	26° Υ 22'36			-4006 Aug 24 j 12:13	0° Υ	
	-4007 Aug 31 j 23:37	0° Υ		max. Earth dist.	-4006 Aug 30 j 06:52	9° Υ 28'35	1.43475 AU
superior conj	-4007 Sep 12 j 14:31	19° Υ 03'21	0°41'05	desc. node	-4006 Sep 06 j 01:25	20° Υ 14'23	
minimum elong	-4007 Sep 12 j 19:08	19° Υ 21'53	0°40'37	evening rise	-4006 Sep 08 j 08:19	23° Υ 48'15	
max. Earth dist.	-4007 Sep 16 j 15:59	25° Υ 32'07	1.44489 AU		-4006 Sep 12 j 08:54	0° Υ	
desc. node	-4007 Sep 19 j 04:29	29° Υ 31'10		evening max el	-4006 Oct 03 j 04:39	5° Υ 19'22	20°59'25
	-4007 Sep 19 j 11:48	0° Υ		retrograde	-4006 Oct 07 j 19:09	10° Υ 17'10	
evening rise	-4007 Sep 29 j 04:09	15° Υ 06'33		evening set	-4006 Oct 16 j 04:30	8° Υ 47'24	
	-4007 Oct 08 j 20:24	0° Υ		asc. node	-4006 Oct 20 j 03:57	7° Υ 33'44	
greatest brilliancy	-4007 Oct 12 j 07:08	5° Υ 12'20	-0.7m	inferior conj	-4006 Oct 21 j 13:19	2° Υ 37'13	1°20'18
evening max el	-4007 Oct 24 j 18:33	21° Υ 53'18	19°54'22	minimum elong	-4006 Oct 25 j 13:12	2° Υ 43'17	1°19'36
retrograde	-4007 Nov 01 j 07:34	26° Υ 17'33		min. Earth dist.	-4006 Oct 25 j 11:25	1° Υ 58'29	0.67099 AU
asc. node	-4007 Nov 03 j 16:12	25° Υ 45'14			-4006 Oct 26 j 00:32	30° Υ	
evening set	-4007 Nov 04 j 20:30	25° Υ 04'30		morning rise	-4006 Oct 27 j 11:59	26° Υ 21'57	
inferior conj	-4007 Nov 10 j 09:02	19° Υ 03'44	2°09'21	direct	-4006 Oct 30 j 18:44	24° Υ 05'51	
minimum elong	-4007 Nov 10 j 06:22	19° Υ 12'31	2°08'22		-4006 Nov 05 j 01:19	0° Υ	
min. Earth dist.	-4007 Nov 11 j 07:51	17° Υ 48'20	0.66489 AU	morning max el	-4006 Nov 15 j 07:49	0° Υ 33'50	23°58'15
morning rise	-4007 Nov 15 j 16:00	12° Υ 50'05		desc. node	-4006 Nov 15 j 21:24	22° Υ 28'04	
direct	-4007 Nov 21 j 13:49	10° Υ 14'42			-4006 Dec 03 j 01:18	0° Υ	
morning max el	-4007 Dec 03 j 12:44	17° Υ 20'04	25°21'54	morning set	-4006 Dec 08 j 03:01	21° Υ 29'59	
	-4007 Dec 14 j 04:01	0° Υ		max. Earth dist.	-4006 Dec 21 j 10:36	28° Υ 22'15	1.38528 AU
desc. node	-4007 Dec 16 j 04:22	2° Υ 44'00			-4006 Dec 25 j 09:03	0° Υ	
	-4006 Jan 02 j 21:55	0° Υ		superior conj	-4005 Jan 01 j 14:41	11° Υ 40'24	-1°51'40
morning set	-4006 Jan 08 j 18:31	10° Υ 14'48		minimum elong	-4005 Jan 01 j 16:27	11° Υ 48'43	1°51'46
max. Earth dist.	-4006 Jan 12 j 12:41	17° Υ 10'01	1.36559 AU	evening rise	-4005 Jan 10 j 12:10	28° Υ 57'29	
					-4005 Jan 11 j 00:56	0° Υ	
superior conj	-4006 Jan 18 j 11:23	28° Υ 39'53	-1°39'42	asc. node	-4005 Jan 17 j 12:19	12° Υ 11'22	
minimum elong	-4006 Jan 18 j 14:21	28° Υ 54'38	1°39'37	evening max el	-4005 Jan 27 j 01:02	25° Υ 37'09	18°52'03
	-4006 Jan 19 j 03:29	0° Υ		retrograde	-4005 Feb 04 j 06:56	29° Υ 35'21	
evening rise	-4006 Jan 26 j 14:33	15° Υ 05'28		evening set	-4005 Feb 06 j 17:21	29° Υ 16'00	
asc. node	-4006 Jan 30 j 15:17	23° Υ 04'02		inferior conj	-4005 Feb 14 j 13:11	24° Υ 56'34	3°23'33
	-4006 Feb 03 j 09:46	0° Υ		minimum elong	-4005 Feb 14 j 17:29	24° Υ 48'45	3°22'35
evening max el	-4006 Feb 13 j 03:26	13° Υ 22'34	19°44'06	min. Earth dist.	-4005 Feb 17 j 18:55	22° Υ 36'32	0.57591 AU
retrograde	-4006 Feb 22 j 19:52	17° Υ 58'07		morning rise	-4005 Feb 22 j 15:05	19° Υ 48'36	
evening set	-4006 Feb 25 j 03:30	17° Υ 43'32		direct	-4005 Feb 28 j 03:00	18° Υ 35'51	
inferior conj	-4006 Mar 05 j 16:44	13° Υ 40'43	2°12'43	desc. node	-4005 Mar 01 j 00:36	25° Υ 59'38	25°51'56
minimum elong	-4006 Mar 05 j 21:31	13° Υ 33'11	2°11'12	morning max el	-4005 Mar 14 j 08:52	0° Υ	
min. Earth dist.	-4006 Mar 08 j 03:16	12° Υ 09'07	0.56057 AU		-4005 Mar 18 j 03:29	0° Υ	
desc. node	-4006 Mar 14 j 03:31	9° Υ 09'38			-4005 Apr 06 j 08:55	0° Υ	
morning rise	-4006 Mar 14 j 13:06	9° Υ 01'52					
direct	-4006 Mar 18 j 19:18	8° Υ 21'19					
morning max el	-4006 Apr 01 j 17:40	15° Υ 21'29	24°20'04				
	-4006 Apr 13 j 07:53	0° Υ					

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning set	-4005 Apr 11 j 06:27	9° X 54'40		morning set	-4004 Mar 12 j 10:05	0° \approx	
asc. node	-4005 Apr 15 j 11:51	18° X 57'46			-4004 Mar 25 j 16:23	24° \approx 49'47	
					-4004 Mar 28 j 03:10	0° X	
superior conj	-4005 Apr 18 j 06:33	25° X 01'38	0°28'38	asc. node	-4004 Apr 01 j 08:50	9° X 11'21	
minimum elong	-4005 Apr 18 j 05:19	24° X 54'54	0°28'21				
max. Earth dist.	-4005 Apr 18 j 22:25	26° X 28'13	1.32763 AU	superior conj	-4004 Apr 01 j 18:17	10° X 03'06	0°04'08
	-4005 Apr 20 j 13:22	0° Y		minimum elong	-4004 Apr 01 j 18:06	10° X 02'06	0°04'02
evening rise	-4005 Apr 25 j 08:58	10° Y 13'25		behind sun begin	-4004 Apr 01 j 13:15	9° X 35'31	
	-4005 May 05 j 17:45	0° Z		behind sun end	-4004 Apr 01 j 22:57	10° X 28'42	
evening max el	-4005 May 26 j 09:13	28° Z 18'48	27°02'36	max. Earth dist.	-4004 Apr 01 j 11:54	9° X 28'12	1.32564 AU
desc. node	-4005 May 27 j 23:18	29° Z 46'00		evening rise	-4004 Apr 08 j 17:46	25° Z 07'05	
	-4005 May 28 j 05:44	0° II			-4004 Apr 11 j 02:36	0° Y	
retrograde	-4005 Jun 09 j 08:23	5° II 40'02			-4004 Apr 28 j 18:15	0° Z	
evening set	-4005 Jun 16 j 05:30	3° II 31'32		evening max el	-4004 May 07 j 08:42	9° Z 59'43	26°08'22
min. Earth dist.	-4005 Jun 19 j 22:42	0° II 46'53	0.61177 AU	desc. node	-4004 May 13 j 20:26	15° Z 01'00	
	-4005 Jun 20 j 20:38	30° R 8		retrograde	-4004 May 21 j 10:47	17° Z 16'58	
inferior conj	-4005 Jun 23 j 04:22	27° Z 56'53	-4°16'22	evening set	-4004 May 27 j 13:13	15° Z 45'02	
minimum elong	-4005 Jun 23 j 05:51	27° Z 53'37	4°16'09	min. Earth dist.	-4004 May 31 j 21:24	13° Z 02'38	0.59133 AU
morning rise	-4005 Jun 30 j 07:50	23° Z 05'50		inferior conj	-4004 Jun 04 j 06:19	10° Z 28'53	-4°14'51
direct	-4005 Jul 02 j 21:05	22° Z 39'07		minimum elong	-4004 Jun 04 j 04:38	10° Z 32'07	4°14'40
morning max el	-4005 Jul 09 j 21:04	26° Z 06'44	18°02'53	morning rise	-4004 Jun 11 j 22:34	5° Z 59'49	
asc. node	-4005 Jul 12 j 11:25	29° Z 00'47		direct	-4004 Jun 14 j 10:44	5° Z 38'13	
	-4005 Jul 13 j 05:42	0° II		morning max el	-4004 Jun 22 j 05:59	9° Z 21'13	18°28'48
morning set	-4005 Jul 25 j 22:05	21° II 24'26		asc. node	-4004 Jun 28 j 08:27	17° Z 02'53	
	-4005 Jul 30 j 14:19	0° E			-4004 Jul 05 j 18:28	0° II	
				morning set	-4004 Jul 08 j 10:03	5° II 02'54	
superior conj	-4005 Aug 05 j 04:29	10° E 01'25	1°39'50	superior conj	-4004 Jul 17 j 12:52	22° II 22'53	1°48'42
minimum elong	-4005 Aug 05 j 08:02	10° E 16'59	1°39'47	minimum elong	-4004 Jul 17 j 13:42	22° II 26'43	1°48'51
max. Earth dist.	-4005 Aug 12 j 16:45	22° E 52'50	1.41920 AU		-4004 Jul 21 j 17:19	0° E	
	-4005 Aug 17 j 00:58	0° O		max. Earth dist.	-4004 Jul 24 j 20:36	5° E 31'45	1.40036 AU
evening rise	-4005 Aug 18 j 20:02	2° O 52'53		evening rise	-4004 Jul 29 j 06:20	13° E 01'55	
desc. node	-4005 Aug 23 j 22:24	10° O 53'15			-4004 Aug 08 j 21:30	0° O	
	-4005 Sep 05 j 19:19	0° np		desc. node	-4004 Aug 09 j 19:26	1° O 23'20	
evening max el	-4005 Sep 20 j 13:35	18° np 44'48	22°14'37		-4004 Aug 31 j 01:02	0° np	
retrograde	-4005 Sep 29 j 23:54	24° np 20'55		evening max el	-4004 Sep 02 j 02:58	2° np 11'04	23°35'08
evening set	-4005 Oct 04 j 11:53	22° np 32'21		retrograde	-4004 Sep 12 j 16:28	8° np 25'45	
asc. node	-4005 Oct 08 j 10:25	18° np 08'57		evening set	-4004 Sep 17 j 18:34	6° np 17'36	
inferior conj	-4005 Oct 09 j 19:27	16° np 16'03	0°28'13	min. Earth dist.	-4004 Sep 22 j 16:38	0° np 30'53	0.67390 AU
minimum elong	-4005 Oct 09 j 18:48	16° np 18'18	0°27'59	inferior conj	-4004 Sep 23 j 02:02	29° O 58'43	-0°25'13
min. Earth dist.	-4005 Oct 09 j 20:16	16° np 13'15	0.67398 AU	minimum elong	-4004 Sep 23 j 02:37	29° O 56'42	0°24'53
morning rise	-4005 Oct 15 j 01:36	10° np 01'50			-4004 Sep 23 j 01:39	30° R 8	
direct	-4005 Oct 19 j 17:10	8° np 07'21		asc. node	-4004 Sep 24 j 07:32	28° O 18'50	
morning max el	-4005 Oct 29 j 08:39	13° np 51'52	22°31'55	morning rise	-4004 Sep 28 j 10:37	23° O 48'24	
	-4005 Nov 11 j 06:27	0° E		direct	-4004 Oct 02 j 12:32	22° O 14'54	
desc. node	-4005 Nov 19 j 22:15	12° E 34'46		morning max el	-4004 Oct 11 j 01:25	27° O 16'57	21°10'50
	-4005 Dec 01 j 02:30	0° ml			-4004 Oct 13 j 13:00	0° np	
morning set	-4005 Dec 01 j 22:48	1° ml 22'25			-4004 Nov 03 j 20:46	0° E	
max. Earth dist.	-4005 Dec 07 j 06:29	10° ml 12'42	1.40597 AU	desc. node	-4004 Nov 05 j 19:12	2° E 57'43	
				morning set	-4004 Nov 10 j 08:27	10° E 01'39	
superior conj	-4005 Dec 15 j 00:47	23° ml 46'40	-1°54'22	max. Earth dist.	-4004 Nov 18 j 09:58	22° E 55'37	1.42475 AU
minimum elong	-4005 Dec 14 j 23:53	23° ml 42'39	1°54'28		-4004 Nov 22 j 16:32	0° ml	
	-4005 Dec 18 j 10:42	0° x					
evening rise	-4005 Dec 25 j 00:07	12° x 16'28		superior conj	-4004 Nov 25 j 12:04	4° ml 45'29	-1°43'59
	-4004 Jan 03 j 21:42	0° Z		minimum elong	-4004 Nov 25 j 07:29	4° ml 25'55	1°43'47
asc. node	-4004 Jan 04 j 09:22	0° Z 45'48		evening rise	-4004 Dec 06 j 22:46	24° ml 54'55	
evening max el	-4004 Jan 10 j 06:25	8° Z 19'54	18°20'06		-4004 Dec 09 j 18:37	0° x	
retrograde	-4004 Jan 17 j 12:38	11° Z 56'12		asc. node	-4004 Dec 21 j 06:27	18° x 37'22	
evening set	-4004 Jan 20 j 02:03	11° Z 30'28		evening max el	-4004 Dec 23 j 16:54	21° x 23'33	18°08'03
inferior conj	-4004 Jan 27 j 06:10	6° Z 50'11	3°57'30	retrograde	-4004 Dec 30 j 09:59	24° x 51'41	
minimum elong	-4004 Jan 27 j 07:49	6° Z 46'42	3°57'13	evening set	-4003 Jan 02 j 02:21	24° x 18'31	
min. Earth dist.	-4004 Jan 30 j 14:43	4° Z 01'09	0.59519 AU	inferior conj	-4003 Jan 08 j 17:36	19° x 16'56	4°01'59
morning rise	-4004 Feb 03 j 11:39	1° Z 19'15		minimum elong	-4003 Jan 08 j 16:40	19° x 19'13	4°01'46
	-4004 Feb 06 j 11:20	30° R 8		min. Earth dist.	-4003 Jan 11 j 17:50	16° x 22'37	0.61521 AU
direct	-4004 Feb 09 j 23:01	29° x 27'23		morning rise	-4003 Jan 15 j 05:45	13° x 30'21	
	-4004 Feb 13 j 12:40	0° Z		direct	-4003 Jan 22 j 05:32	11° x 04'24	
desc. node	-4004 Feb 15 j 21:42	0° Z 55'36		desc. node	-4003 Feb 01 j 18:45	15° x 40'19	
morning max el	-4004 Feb 24 j 04:40	7° Z 04'01	27°01'27				

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning max el	-4003 Feb 05 j 06:43	18° ♁ 47'39	27°38'02	desc. node	-4002 Jan 19 j 15:49	2° ♁ 14'50	
	-4003 Feb 14 j 19:14	0° ♁			-4002 Feb 08 j 21:34	0° ♁	
	-4003 Mar 05 j 03:16	0° ♁		morning set	-4002 Feb 21 j 22:09	23° ♁ 48'29	
morning set	-4003 Mar 09 j 22:26	9° ♁ 30'41			-4002 Feb 24 j 23:07	0° ♁	
max. Earth dist.	-4003 Mar 15 j 23:45	22° ♁ 19'19	1.32711 AU	max. Earth dist.	-4002 Feb 27 j 06:06	4° ♁ 47'53	1.33236 AU
superior conj	-4003 Mar 17 j 05:16	24° ♁ 59'34	-0°21'01	superior conj	-4002 Mar 01 j 13:43	9° ♁ 44'18	-0°45'50
minimum elong	-4003 Mar 17 j 06:13	25° ♁ 04'43	0°20'54	minimum elong	-4002 Mar 01 j 15:44	9° ♁ 55'05	0°45'35
asc. node	-4003 Mar 19 j 05:51	29° ♁ 24'16		asc. node	-4002 Mar 06 j 02:52	19° ♁ 31'47	
	-4003 Mar 19 j 12:24	0° ♁		evening rise	-4002 Mar 08 j 16:29	24° ♁ 59'23	
evening rise	-4003 Mar 24 j 04:54	10° ♁ 04'45			-4002 Mar 11 j 02:34	0° ♁	
	-4003 Apr 03 j 12:49	0° ♁			-4002 Mar 30 j 00:34	0° ♁	
evening max el	-4003 Apr 19 j 02:30	21° ♁ 02'37	24°48'44	evening max el	-4002 Mar 31 j 18:35	1° ♁ 46'11	23°15'48
desc. node	-4003 Apr 30 j 17:33	27° ♁ 55'18		retrograde	-4002 Apr 14 j 05:39	8° ♁ 25'12	
retrograde	-4003 May 03 j 02:42	28° ♁ 08'29		evening set	-4002 Apr 17 j 18:49	7° ♁ 57'39	
evening set	-4003 May 07 j 23:35	27° ♁ 14'18		desc. node	-4002 Apr 17 j 14:39	8° ♁ 00'14	
min. Earth dist.	-4003 May 13 j 14:42	24° ♁ 18'05	0.57228 AU	min. Earth dist.	-4002 Apr 25 j 05:26	4° ♁ 36'15	0.55807 AU
inferior conj	-4003 May 16 j 12:50	22° ♁ 22'18	-3°41'10	inferior conj	-4002 Apr 26 j 23:45	3° ♁ 33'58	-2°27'28
minimum elong	-4003 May 16 j 07:49	22° ♁ 30'40	3°40'11	minimum elong	-4002 Apr 26 j 18:05	3° ♁ 42'20	2°25'49
morning rise	-4003 May 24 j 19:10	18° ♁ 12'35			-4002 May 04 j 06:16	30° ♁	
direct	-4003 May 27 j 06:33	17° ♁ 55'04		morning rise	-4002 May 05 j 19:51	29° ♁ 35'46	
morning max el	-4003 Jun 05 j 07:35	22° ♁ 07'56	19°14'59	direct	-4002 May 08 j 08:04	29° ♁ 20'22	
	-4003 Jun 11 j 16:40	0° ♁			-4002 May 12 j 05:56	0° ♁	
asc. node	-4003 Jun 15 j 05:29	5° ♁ 46'43		morning max el	-4002 May 18 j 23:18	4° ♁ 17'27	20°21'31
morning set	-4003 Jun 22 j 07:47	19° ♁ 12'33		asc. node	-4002 Jun 02 j 02:31	25° ♁ 02'14	
	-4003 Jun 27 j 17:54	0° ♁			-4002 Jun 04 j 15:31	0° ♁	
				morning set	-4002 Jun 06 j 12:21	3° ♁ 45'53	
superior conj	-4003 Jun 30 j 15:01	5° ♁ 39'04	1°47'10	superior conj	-4002 Jun 14 j 06:00	19° ♁ 36'03	1°37'54
minimum elong	-4003 Jun 30 j 13:48	5° ♁ 33'08	1°47'16	minimum elong	-4002 Jun 14 j 03:39	19° ♁ 24'09	1°37'49
max. Earth dist.	-4003 Jul 06 j 22:01	17° ♁ 31'47	1.38091 AU	max. Earth dist.	-4002 Jun 19 j 03:44	29° ♁ 18'51	1.36314 AU
evening rise	-4003 Jul 10 j 18:49	24° ♁ 27'53			-4002 Jun 19 j 12:16	0° ♁	
	-4003 Jul 13 j 23:44	0° ♁		evening rise	-4002 Jun 23 j 05:48	7° ♁ 02'00	
desc. node	-4003 Jul 27 j 16:29	21° ♁ 39'30			-4002 Jul 06 j 17:59	0° ♁	
	-4003 Aug 02 j 13:42	0° ♁		desc. node	-4002 Jul 14 j 13:31	11° ♁ 35'30	
evening max el	-4003 Aug 15 j 13:58	15° ♁ 40'25	24°54'10	evening max el	-4002 Jul 29 j 00:55	29° ♁ 12'35	26°03'42
retrograde	-4003 Aug 27 j 05:06	22° ♁ 27'16			-4002 Jul 29 j 20:43	0° ♁	
evening set	-4003 Sep 01 j 22:09	20° ♁ 00'46		retrograde	-4002 Aug 10 j 13:01	6° ♁ 21'03	
min. Earth dist.	-4003 Sep 06 j 11:09	14° ♁ 49'15	0.67078 AU	evening set	-4002 Aug 16 j 20:37	3° ♁ 40'08	
inferior conj	-4003 Sep 07 j 07:10	13° ♁ 42'50	-1°18'25		-4002 Aug 20 j 07:52	30° ♁	
minimum elong	-4003 Sep 07 j 09:00	13° ♁ 36'47	1°17'33	min. Earth dist.	-4002 Aug 21 j 01:20	29° ♁ 06'19	0.66439 AU
asc. node	-4003 Sep 11 j 04:40	9° ♁ 02'01		inferior conj	-4002 Aug 22 j 09:04	27° ♁ 26'30	-2°09'38
morning rise	-4003 Sep 12 j 19:52	7° ♁ 39'32		minimum elong	-4002 Aug 22 j 11:59	27° ♁ 17'20	2°08'24
direct	-4003 Sep 16 j 10:11	6° ♁ 24'41		morning rise	-4002 Aug 28 j 03:30	21° ♁ 33'32	
morning max el	-4003 Sep 24 j 01:15	10° ♁ 50'02	20°00'31	asc. node	-4002 Aug 29 j 01:46	21° ♁ 04'11	
	-4003 Oct 08 j 08:06	0° ♁		direct	-4002 Aug 31 j 08:30	20° ♁ 34'14	
morning set	-4003 Oct 20 j 06:36	18° ♁ 14'13		morning max el	-4002 Sep 07 j 07:57	24° ♁ 31'07	19°04'23
desc. node	-4003 Oct 23 j 16:10	23° ♁ 31'18			-4002 Sep 11 j 21:30	0° ♁	
	-4003 Oct 27 j 19:18	0° ♁		morning set	-4002 Sep 29 j 16:53	27° ♁ 07'55	
max. Earth dist.	-4003 Oct 31 j 20:37	6° ♁ 25'51	1.43907 AU		-4002 Oct 01 j 12:35	0° ♁	
superior conj	-4003 Nov 05 j 20:06	14° ♁ 27'00	-1°17'21	desc. node	-4002 Oct 10 j 13:07	14° ♁ 11'53	
minimum elong	-4003 Nov 05 j 13:07	13° ♁ 58'37	1°16'40	max. Earth dist.	-4002 Oct 14 j 12:54	20° ♁ 29'11	1.44708 AU
	-4003 Nov 15 j 05:00	0° ♁					
evening rise	-4003 Nov 19 j 03:37	6° ♁ 42'49		superior conj	-4002 Oct 16 j 03:46	23° ♁ 02'39	-0°35'06
	-4003 Dec 03 j 09:21	0° ♁		minimum elong	-4002 Oct 15 j 23:20	22° ♁ 45'06	0°34'30
evening max el	-4003 Dec 07 j 05:32	4° ♁ 40'02	18°15'11		-4002 Oct 20 j 13:00	0° ♁	
asc. node	-4003 Dec 08 j 03:33	5° ♁ 32'45		evening rise	-4002 Oct 31 j 10:03	17° ♁ 31'36	
retrograde	-4003 Dec 13 j 18:34	8° ♁ 11'44			-4002 Nov 08 j 01:44	0° ♁	
evening set	-4003 Dec 16 j 14:38	7° ♁ 29'49		evening max el	-4002 Nov 20 j 17:38	18° ♁ 03'49	18°40'33
inferior conj	-4003 Dec 22 j 19:39	2° ♁ 08'10	3°45'40	asc. node	-4002 Nov 25 j 00:39	21° ♁ 17'18	
minimum elong	-4003 Dec 22 j 17:06	2° ♁ 15'07	3°45'09	retrograde	-4002 Nov 27 j 10:30	21° ♁ 49'07	
	-4003 Dec 24 j 18:37	30° ♁		evening set	-4002 Nov 30 j 11:38	20° ♁ 56'49	
min. Earth dist.	-4003 Dec 25 j 06:13	29° ♁ 29'07	0.63347 AU	inferior conj	-4002 Dec 06 j 08:42	15° ♁ 17'22	3°15'18
morning rise	-4003 Dec 28 j 18:54	26° ♁ 10'40		minimum elong	-4002 Dec 06 j 05:33	15° ♁ 26'48	3°14'26
direct	-4002 Jan 04 j 20:05	23° ♁ 24'24		min. Earth dist.	-4002 Dec 08 j 04:25	13° ♁ 06'46	0.64853 AU
	-4002 Jan 17 j 09:01	0° ♁		morning rise	-4002 Dec 11 j 23:06	9° ♁ 11'44	
morning max el	-4002 Jan 18 j 13:36	1° ♁ 08'33	27°38'20	direct	-4002 Dec 18 j 17:19	6° ♁ 20'36	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning max el	-4002 Dec 31 j 22:58	13° \mathbb{M} 58'18	27°05'06	morning rise	-4001 Nov 25 j 14:29	22° \mathbb{A} 27'34	
desc. node	-4001 Jan 06 j 12:51	20° \mathbb{M} 08'02		direct	-4001 Dec 01 j 20:25	19° \mathbb{A} 44'04	
	-4001 Jan 14 j 01:16	0° \mathbb{A}		morning max el	-4001 Dec 14 j 08:34	27° \mathbb{A} 05'02	26°05'08
	-4001 Feb 01 j 12:21	0° \mathbb{B}			-4001 Dec 17 j 02:43	0° \mathbb{M}	
morning set	-4001 Feb 05 j 12:28	7° \mathbb{B} 33'25		desc. node	-4001 Dec 24 j 09:52	8° \mathbb{M} 56'37	
max. Earth dist.	-4001 Feb 10 j 03:22	16° \mathbb{B} 44'25	1.34184 AU		-4000 Jan 07 j 16:34	0° \mathbb{A}	
				morning set	-4000 Jan 19 j 13:19	20° \mathbb{A} 33'20	
superior conj	-4001 Feb 13 j 17:41	24° \mathbb{B} 10'55	-1°09'15	max. Earth dist.	-4000 Jan 23 j 13:17	28° \mathbb{A} 08'36	1.35571 AU
minimum elong	-4001 Feb 13 j 20:31	24° \mathbb{B} 25'45	1°08'58		-4000 Jan 24 j 12:08	0° \mathbb{B}	
	-4001 Feb 16 j 11:52	0° \mathbb{A}					
asc. node	-4001 Feb 20 j 23:52	9° \mathbb{A} 29'38		superior conj	-4000 Jan 28 j 14:44	8° \mathbb{B} 12'04	-1°29'51
evening rise	-4001 Feb 21 j 02:49	9° \mathbb{A} 45'00		minimum elong	-4000 Jan 28 j 17:53	8° \mathbb{B} 28'03	1°29'39
	-4001 Mar 03 j 20:39	0° \mathbb{H}		evening rise	-4000 Feb 05 j 10:01	24° \mathbb{B} 15'32	
evening max el	-4001 Mar 13 j 14:52	12° \mathbb{H} 36'36	21°43'26	asc. node	-4000 Feb 07 j 20:52	29° \mathbb{B} 13'05	
retrograde	-4001 Mar 25 j 21:30	18° \mathbb{H} 31'54			-4000 Feb 08 j 06:19	0° \mathbb{A}	
evening set	-4001 Mar 28 j 12:52	18° \mathbb{H} 16'16		evening max el	-4000 Feb 23 j 20:18	23° \mathbb{A} 55'52	20°22'43
desc. node	-4001 Apr 04 j 11:47	15° \mathbb{H} 32'41		retrograde	-4000 Mar 05 j 12:06	28° \mathbb{A} 59'49	
inferior conj	-4001 Apr 06 j 21:04	14° \mathbb{H} 13'29	-0°39'39	evening set	-4000 Mar 07 j 19:34	28° \mathbb{A} 46'32	
minimum elong	-4001 Apr 06 j 19:13	14° \mathbb{H} 16'05	0°39'04	inferior conj	-4000 Mar 16 j 17:54	24° \mathbb{A} 47'55	1°15'36
min. Earth dist.	-4001 Apr 06 j 19:16	14° \mathbb{H} 16'01	0.55176 AU	minimum elong	-4000 Mar 16 j 21:07	24° \mathbb{A} 43'09	1°14'26
morning rise	-4001 Apr 16 j 02:14	10° \mathbb{H} 12'31		min. Earth dist.	-4000 Mar 18 j 09:21	23° \mathbb{A} 49'47	0.55476 AU
direct	-4001 Apr 18 j 21:31	9° \mathbb{H} 55'07		desc. node	-4000 Mar 21 j 08:55	22° \mathbb{A} 11'22	
morning max el	-4001 May 01 j 04:02	15° \mathbb{H} 44'39	21°46'18	morning rise	-4000 Mar 25 j 21:07	20° \mathbb{A} 26'05	
	-4001 May 12 j 01:49	0° \mathbb{Y}		direct	-4000 Mar 29 j 11:03	19° \mathbb{A} 58'08	
asc. node	-4001 May 19 j 23:32	14° \mathbb{Y} 40'43		morning max el	-4000 Apr 11 j 23:37	26° \mathbb{A} 36'39	23°23'11
morning set	-4001 May 21 j 21:21	18° \mathbb{Y} 35'18			-4000 Apr 15 j 05:24	0° \mathbb{H}	
	-4001 May 27 j 07:48	0° \mathbb{B}			-4000 May 03 j 15:22	0° \mathbb{Y}	
				morning set	-4000 May 05 j 08:51	3° \mathbb{Y} 34'41	
superior conj	-4001 May 29 j 05:52	4° \mathbb{B} 01'39	1°22'59	asc. node	-4000 May 05 j 20:31	4° \mathbb{Y} 35'52	
minimum elong	-4001 May 29 j 03:11	3° \mathbb{B} 47'36	1°22'43				
max. Earth dist.	-4001 Jun 01 j 18:17	11° \mathbb{B} 16'39	1.34848 AU	superior conj	-4000 May 12 j 11:47	18° \mathbb{Y} 47'04	1°04'00
evening rise	-4001 Jun 06 j 09:48	20° \mathbb{B} 28'16		minimum elong	-4000 May 12 j 09:21	18° \mathbb{Y} 34'03	1°03'39
	-4001 Jun 11 j 12:40	0° \mathbb{I}		max. Earth dist.	-4000 May 14 j 18:31	23° \mathbb{Y} 37'56	1.33753 AU
	-4001 Jun 30 j 15:51	0° \mathbb{B}			-4000 May 17 j 20:01	0° \mathbb{B}	
desc. node	-4001 Jul 01 j 10:34	1° \mathbb{B} 01'56		evening rise	-4000 May 20 j 02:07	4° \mathbb{B} 33'10	
evening max el	-4001 Jul 11 j 12:18	12° \mathbb{B} 39'54	26°55'42		-4000 Jun 03 j 05:42	0° \mathbb{I}	
retrograde	-4001 Jul 24 j 15:44	20° \mathbb{B} 00'00		desc. node	-4000 Jun 17 j 07:38	19° \mathbb{I} 46'16	
evening set	-4001 Jul 31 j 11:34	17° \mathbb{B} 12'01		evening max el	-4000 Jun 22 j 23:05	25° \mathbb{I} 51'39	27°22'46
min. Earth dist.	-4001 Aug 04 j 08:44	13° \mathbb{B} 16'42	0.65435 AU		-4000 Jun 27 j 21:54	0° \mathbb{B}	
inferior conj	-4001 Aug 06 j 05:38	11° \mathbb{B} 05'42	-2°56'48	retrograde	-4000 Jul 06 j 13:01	3° \mathbb{B} 15'58	
minimum elong	-4001 Aug 06 j 09:17	10° \mathbb{B} 55'02	2°55'32	evening set	-4000 Jul 13 j 16:02	0° \mathbb{B} 32'12	
morning rise	-4001 Aug 12 j 07:22	5° \mathbb{B} 26'23			-4000 Jul 14 j 08:12	30° \mathbb{R} \mathbb{I}	
direct	-4001 Aug 15 j 05:18	4° \mathbb{B} 39'33		min. Earth dist.	-4000 Jul 17 j 07:27	27° \mathbb{I} 12'10	0.64044 AU
asc. node	-4001 Aug 15 j 22:53	4° \mathbb{B} 42'30		inferior conj	-4000 Jul 19 j 18:24	24° \mathbb{I} 35'46	-3°37'12
morning max el	-4001 Aug 21 j 19:46	8° \mathbb{B} 16'45	18°24'21	minimum elong	-4000 Jul 19 j 22:07	24° \mathbb{I} 25'54	3°36'13
	-4001 Sep 05 j 18:03	0° \mathbb{O}		morning rise	-4000 Jul 26 j 04:58	19° \mathbb{I} 13'15	
morning set	-4001 Sep 10 j 05:00	7° \mathbb{O} 17'48		direct	-4000 Jul 28 j 22:00	18° \mathbb{I} 36'02	
	-4001 Sep 24 j 07:15	0° \mathbb{P}		asc. node	-4000 Aug 01 j 19:57	19° \mathbb{I} 53'19	
				morning max el	-4000 Aug 04 j 10:21	22° \mathbb{I} 02'23	18°01'32
superior conj	-4001 Sep 25 j 03:26	1° \mathbb{P} 19'58	0°14'26		-4000 Aug 10 j 13:51	0° \mathbb{B}	
minimum elong	-4001 Sep 25 j 05:17	1° \mathbb{P} 27'18	0°14'16	morning set	-4000 Aug 21 j 19:41	18° \mathbb{B} 43'33	
behind sun begin	-4001 Sep 24 j 23:48	1° \mathbb{P} 05'36			-4000 Aug 28 j 10:58	0° \mathbb{O}	
behind sun end	-4001 Sep 25 j 10:46	1° \mathbb{P} 48'59					
desc. node	-4001 Sep 27 j 10:03	4° \mathbb{P} 55'45		superior conj	-4000 Sep 03 j 17:47	10° \mathbb{O} 23'38	0°58'23
max. Earth dist.	-4001 Sep 27 j 07:18	4° \mathbb{P} 44'53	1.44782 AU	minimum elong	-4000 Sep 03 j 23:25	10° \mathbb{O} 46'33	0°57'51
evening rise	-4001 Oct 11 j 15:29	27° \mathbb{P} 16'23		max. Earth dist.	-4000 Sep 09 j 00:07	18° \mathbb{O} 52'52	1.44134 AU
	-4001 Oct 13 j 09:12	0° \mathbb{A}		desc. node	-4000 Sep 13 j 06:59	25° \mathbb{O} 40'04	
greatest brilliancy	-4001 Oct 22 j 01:18	13° \mathbb{A} 31'52	-0.8m		-4000 Sep 16 j 01:22	0° \mathbb{P}	
	-4001 Nov 02 j 17:43	0° \mathbb{M}		evening rise	-4000 Sep 20 j 00:39	6° \mathbb{P} 09'48	
evening max el	-4001 Nov 04 j 02:39	1° \mathbb{M} 30'06	19°22'57		-4000 Oct 05 j 19:16	0° \mathbb{A}	
retrograde	-4001 Nov 11 j 06:27	5° \mathbb{M} 38'03		evening max el	-4000 Oct 17 j 06:37	14° \mathbb{A} 56'18	20°20'29
asc. node	-4001 Nov 11 j 21:44	5° \mathbb{M} 35'43		retrograde	-4000 Oct 25 j 03:45	19° \mathbb{A} 34'31	
evening set	-4001 Nov 14 j 14:30	4° \mathbb{M} 33'11		evening set	-4000 Oct 28 j 20:51	18° \mathbb{A} 14'39	
	-4001 Nov 19 j 04:06	30° \mathbb{R} \mathbb{A}		asc. node	-4000 Oct 28 j 18:51	18° \mathbb{A} 18'12	
inferior conj	-4001 Nov 20 j 05:36	28° \mathbb{A} 39'02	2°35'25	inferior conj	-4000 Nov 03 j 07:46	12° \mathbb{A} 09'12	1°49'03
minimum elong	-4001 Nov 20 j 02:36	28° \mathbb{A} 48'38	2°34'23	minimum elong	-4000 Nov 03 j 05:26	12° \mathbb{A} 17'01	1°48'09
min. Earth dist.	-4001 Nov 21 j 11:32	27° \mathbb{A} 03'02	0.65992 AU	min. Earth dist.	-4000 Nov 04 j 01:30	11° \mathbb{A} 09'31	0.66785 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning rise	-4000 Nov 08 j 13:50	5°♌54'20	min. Earth dist.	-3999 Oct 18 j 19:56	25°♏22'15	0.67259 AU
direct	-4000 Nov 14 j 05:06	3°♌26'49	morning rise	-3999 Oct 23 j 18:37	19°♏30'23	
morning max el	-4000 Nov 25 j 17:23	10°♌18'07 24°47'13	direct	-3999 Oct 28 j 18:42	17°♏23'13	
desc. node	-4000 Dec 10 j 06:50	28°♌23'48	morning max el	-3999 Nov 08 j 02:44	23°♏33'40 23°21'18	
	-4000 Dec 11 j 09:54	0°♍		-3999 Nov 13 j 19:00	0°♌	
	-4000 Dec 30 j 08:33	0°♌	desc. node	-3999 Nov 27 j 03:48	18°♌18'43	
morning set	-4000 Dec 31 j 19:10	2°♌31'44		-3999 Dec 04 j 20:13	0°♍	
max. Earth dist.	-3999 Jan 04 j 12:44	9°♌14'51 1.37364 AU	morning set	-3999 Dec 12 j 23:56	13°♍13'08	
			max. Earth dist.	-3999 Dec 17 j 08:08	20°♍37'56 1.39412 AU	
				-3999 Dec 22 j 14:25	0°♌	
superior conj	-3999 Jan 11 j 01:39	21°♌37'35 -1°45'43				
minimum elong	-3999 Jan 11 j 04:15	21°♌50'20 1°45'42				
	-3999 Jan 15 j 07:19	0°♍	superior conj	-3999 Dec 24 j 22:20	4°♌17'01 -1°54'10	
evening rise	-3999 Jan 19 j 11:51	8°♍23'22	minimum elong	-3999 Dec 24 j 23:09	4°♌20'48 1°54'18	
asc. node	-3999 Jan 24 j 17:54	18°♍35'34	evening rise	-3998 Jan 03 j 05:47	22°♌02'15	
	-3999 Jan 31 j 14:30	0°♎		-3998 Jan 07 j 10:06	0°♍	
evening max el	-3999 Feb 05 j 12:20	5°♎50'55 19°19'32	asc. node	-3998 Jan 11 j 14:57	7°♍30'03	
retrograde	-3999 Feb 14 j 13:13	10°♎09'04	evening max el	-3998 Jan 19 j 13:40	18°♍18'53 18°36'01	
evening set	-3999 Feb 16 j 21:37	9°♎52'55	retrograde	-3998 Jan 27 j 08:03	22°♍05'32	
inferior conj	-3999 Feb 25 j 03:27	5°♎44'01 2°47'28	evening set	-3998 Jan 29 j 19:48	21°♍43'38	
minimum elong	-3999 Feb 25 j 08:28	5°♎35'39 2°46'05	inferior conj	-3998 Feb 06 j 08:41	17°♍15'57 3°42'05	
min. Earth dist.	-3999 Feb 28 j 00:20	3°♎49'47 0.56634 AU	minimum elong	-3998 Feb 06 j 11:58	17°♍09'36 3°41'27	
morning rise	-3999 Mar 05 j 16:36	0°♎51'52	min. Earth dist.	-3998 Feb 09 j 17:36	14°♍40'30 0.58390 AU	
desc. node	-3999 Mar 08 j 06:02	0°♎10'45	morning rise	-3998 Feb 14 j 01:46	11°♍57'13	
	-3999 Mar 09 j 21:22	30°♏♍	direct	-3998 Feb 20 j 01:04	10°♍27'35	
direct	-3999 Mar 10 j 11:23	29°♍59'12	desc. node	-3998 Feb 23 j 03:08	10°♍51'11	
	-3999 Mar 11 j 01:23	0°♎	morning max el	-3998 Mar 06 j 07:18	17°♍58'13 26°24'50	
morning max el	-3999 Mar 24 j 14:44	7°♎12'02 25°00'58		-3998 Mar 16 j 07:56	0°♎	
	-3999 Apr 10 j 06:30	0°♏		-3998 Apr 02 j 14:30	0°♏	
morning set	-3999 Apr 19 j 21:04	18°♏37'02	morning set	-3998 Apr 04 j 08:20	3°♏36'24	
asc. node	-3999 Apr 22 j 17:29	24°♏41'36	asc. node	-3998 Apr 09 j 14:28	14°♏53'25	
	-3999 Apr 25 j 04:14	0°♐				
			superior conj	-3998 Apr 11 j 08:52	18°♏45'15 0°18'22	
superior conj	-3999 Apr 26 j 21:24	3°♐43'47 0°42'09	minimum elong	-3998 Apr 11 j 08:04	18°♏40'51 0°18'09	
minimum elong	-3999 Apr 26 j 19:38	3°♐34'15 0°41'49	max. Earth dist.	-3998 Apr 11 j 15:00	19°♏18'48 1.32639 AU	
max. Earth dist.	-3999 Apr 28 j 02:30	6°♐21'31 1.33023 AU		-3998 Apr 16 j 13:28	0°♐	
evening rise	-3999 May 04 j 03:00	19°♐04'18	evening rise	-3998 Apr 18 j 09:37	3°♐52'13	
	-3999 May 09 j 16:31	0°♑		-3998 May 02 j 12:16	0°♏	
	-3999 May 28 j 15:27	0°♒	evening max el	-3998 May 18 j 10:36	20°♑41'34 26°43'16	
desc. node	-3999 Jun 04 j 04:44	7°♒30'23	desc. node	-3998 May 22 j 01:52	23°♑49'03	
evening max el	-3999 Jun 05 j 07:17	8°♒35'37 27°19'28	retrograde	-3998 Jun 01 j 11:41	28°♑01'29	
retrograde	-3999 Jun 19 j 04:09	15°♒59'20	evening set	-3998 Jun 08 j 02:07	26°♑08'02	
evening set	-3999 Jun 26 j 06:18	13°♒33'59	min. Earth dist.	-3998 Jun 12 j 00:06	23°♑26'07 0.60304 AU	
min. Earth dist.	-3999 Jun 29 j 20:30	10°♒40'14 0.62293 AU	inferior conj	-3998 Jun 15 j 08:15	20°♑40'28 -4°19'04	
inferior conj	-3999 Jul 02 j 20:27	7°♒50'12 -4°06'44	minimum elong	-3998 Jun 15 j 08:32	20°♑39'54 4°18'56	
minimum elong	-3999 Jul 02 j 23:09	7°♒43'47 4°06'15	morning rise	-3998 Jun 22 j 16:57	15°♑58'32	
morning rise	-3999 Jul 09 j 17:18	2°♒47'03	direct	-3998 Jun 25 j 05:35	15°♑34'09	
direct	-3999 Jul 12 j 07:21	2°♒17'07	morning max el	-3998 Jul 02 j 12:41	19°♑07'10 18°11'27	
morning max el	-3999 Jul 19 j 00:56	5°♒41'43 17°56'57	asc. node	-3998 Jul 06 j 14:04	23°♑54'57	
asc. node	-3999 Jul 19 j 17:01	6°♒22'43		-3998 Jul 10 j 12:54	0°♒	
	-3999 Aug 03 j 16:11	0°♓	morning set	-3998 Jul 18 j 12:52	14°♒27'49	
morning set	-3999 Aug 04 j 08:08	1°♓11'42		-3998 Jul 26 j 21:30	0°♓	
superior conj	-3999 Aug 15 j 10:54	20°♓47'00 1°28'54	superior conj	-3998 Jul 28 j 06:23	2°♓28'42 1°45'03	
minimum elong	-3999 Aug 15 j 15:53	21°♓08'15 1°28'38	minimum elong	-3998 Jul 28 j 08:44	2°♓39'17 1°45'08	
	-3999 Aug 20 j 22:41	0°♑	max. Earth dist.	-3998 Aug 04 j 19:28	15°♓39'25 1.41139 AU	
max. Earth dist.	-3999 Aug 22 j 12:32	2°♑35'17 1.42860 AU	evening rise	-3998 Aug 10 j 01:39	24°♓22'34	
evening rise	-3999 Aug 30 j 05:31	14°♑54'17		-3998 Aug 13 j 13:49	0°♑	
desc. node	-3999 Aug 31 j 03:58	16°♑21'55	desc. node	-3998 Aug 18 j 00:58	6°♑57'18	
	-3999 Sep 09 j 02:25	0°♒		-3998 Sep 03 j 00:25	0°♒	
evening max el	-3999 Sep 30 j 04:33	28°♒22'10 21°30'27	evening max el	-3998 Sep 12 j 20:43	11°♒47'56 22°48'43	
	-3999 Oct 01 j 21:15	0°♓	retrograde	-3998 Sep 22 j 18:33	17°♒40'29	
retrograde	-3999 Oct 09 j 00:19	3°♓36'23	evening set	-3998 Sep 27 j 12:20	15°♒43'49	
evening set	-3999 Oct 13 j 04:44	1°♓59'02	inferior conj	-3998 Oct 02 j 19:41	9°♒26'14 0°05'38	
	-3999 Oct 15 j 06:13	30°♒♒	minimum elong	-3998 Oct 02 j 19:33	9°♒26'43 0°05'39	
asc. node	-3999 Oct 15 j 15:58	29°♒31'54	transit middle	-3998 Oct 02 j 19:33	9°♒26'43 0°05'39	
inferior conj	-3999 Oct 18 j 13:05	25°♒45'50 0°58'32	transit begin	-3998 Oct 02 j 17:01	9°♒35'27	
minimum elong	-3999 Oct 18 j 11:45	25°♒50'23 0°58'00	transit end	-3998 Oct 02 j 22:05	9°♒17'59	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

min. Earth dist.	-3998 Oct 02 j 16:14	9° \mathbb{M} 38'08	0.67430 AU	retrograde	-3997 Sep 06 j 09:22	1° \mathbb{M} 44'14	
asc. node	-3998 Oct 02 j 13:06	9° \mathbb{M} 48'57			-3997 Sep 11 j 02:04	30° \mathbb{R} 0	
morning rise	-3998 Oct 08 j 02:38	3° \mathbb{M} 13'16		evening set	-3997 Sep 11 j 17:54	29° \mathbb{O} 27'54	
direct	-3998 Oct 12 j 12:18	1° \mathbb{M} 27'39		min. Earth dist.	-3997 Sep 16 j 12:00	23° \mathbb{O} 56'03	0.67300 AU
morning max el	-3998 Oct 21 j 15:49	6° \mathbb{M} 53'21	21°56'24	inferior conj	-3997 Sep 17 j 01:50	23° \mathbb{O} 09'15	-0°47'56
	-3998 Nov 08 j 07:15	0° \mathbb{L}		minimum elong	-3997 Sep 17 j 02:58	23° \mathbb{O} 05'27	0°47'20
desc. node	-3998 Nov 14 j 00:46	8° \mathbb{L} 32'55		asc. node	-3997 Sep 19 j 10:14	20° \mathbb{O} 05'31	
morning set	-3998 Nov 22 j 23:57	22° \mathbb{L} 30'44		morning rise	-3997 Sep 22 j 11:59	17° \mathbb{O} 01'44	
	-3998 Nov 27 j 14:41	0° \mathbb{M}		direct	-3997 Sep 26 j 08:47	15° \mathbb{O} 36'27	
max. Earth dist.	-3998 Nov 29 j 07:41	2° \mathbb{M} 49'49	1.41442 AU	morning max el	-3997 Oct 04 j 11:30	20° \mathbb{O} 21'24	20°39'24
					-3997 Oct 12 j 08:15	0° \mathbb{M}	
superior conj	-3998 Dec 06 j 23:28	15° \mathbb{M} 56'29	-1°51'47	desc. node	-3997 Oct 31 j 21:44	29° \mathbb{M} 00'44	
minimum elong	-3998 Dec 06 j 21:04	15° \mathbb{M} 45'53	1°51'49		-3997 Nov 01 j 13:01	0° \mathbb{L}	
	-3998 Dec 14 j 18:33	0° \mathbb{J}		morning set	-3997 Nov 02 j 01:58	0° \mathbb{L} 50'15	
evening rise	-3998 Dec 17 j 12:33	5° \mathbb{J} 04'38		max. Earth dist.	-3997 Nov 11 j 14:54	15° \mathbb{L} 56'22	1.43157 AU
asc. node	-3998 Dec 29 j 12:01	25° \mathbb{J} 47'28					
	-3997 Jan 01 j 18:23	0° \mathbb{Z}		superior conj	-3997 Nov 17 j 23:27	26° \mathbb{L} 22'32	-1°34'47
evening max el	-3997 Jan 02 j 21:38	1° \mathbb{Z} 11'38	18°12'33	minimum elong	-3997 Nov 17 j 17:27	25° \mathbb{L} 57'31	1°34'22
retrograde	-3997 Jan 09 j 20:48	4° \mathbb{Z} 42'30			-3997 Nov 20 j 03:14	0° \mathbb{M}	
evening set	-3997 Jan 12 j 11:36	4° \mathbb{Z} 13'34		evening rise	-3997 Nov 30 j 04:12	17° \mathbb{M} 22'40	
	-3997 Jan 18 j 17:47	30° \mathbb{R} 0			-3997 Dec 07 j 09:35	0° \mathbb{J}	
inferior conj	-3997 Jan 19 j 09:54	29° \mathbb{J} 24'04	4°02'24	asc. node	-3997 Dec 16 j 09:06	13° \mathbb{J} 16'44	
minimum elong	-3997 Jan 19 j 10:21	29° \mathbb{J} 23'02	4°02'14	evening max el	-3997 Dec 17 j 09:20	14° \mathbb{J} 21'16	18°08'43
min. Earth dist.	-3997 Jan 22 j 15:55	26° \mathbb{J} 30'08	0.60389 AU	retrograde	-3997 Dec 23 j 23:37	17° \mathbb{J} 49'41	
morning rise	-3997 Jan 26 j 07:33	23° \mathbb{J} 46'06		evening set	-3997 Dec 26 j 17:28	17° \mathbb{J} 12'53	
direct	-3997 Feb 02 j 01:50	21° \mathbb{J} 38'28		inferior conj	-3996 Jan 02 j 04:01	12° \mathbb{J} 02'10	3°57'08
desc. node	-3997 Feb 10 j 00:13	24° \mathbb{J} 15'33		minimum elong	-3996 Jan 02 j 02:16	12° \mathbb{J} 06'39	3°56'50
morning max el	-3997 Feb 16 j 05:32	29° \mathbb{J} 17'39	27°21'20	min. Earth dist.	-3996 Jan 04 j 22:38	9° \mathbb{J} 12'33	0.62331 AU
	-3997 Feb 16 j 22:36	0° \mathbb{Z}		morning rise	-3996 Jan 08 j 10:08	6° \mathbb{J} 10'29	
	-3997 Mar 10 j 03:11	0° \approx		direct	-3996 Jan 15 j 11:37	3° \mathbb{J} 34'25	
morning set	-3997 Mar 19 j 16:54	18° \approx 26'22		desc. node	-3996 Jan 27 j 21:17	9° \mathbb{J} 51'18	
	-3997 Mar 25 j 03:11	0° \mathbb{H}		morning max el	-3996 Jan 29 j 10:02	11° \mathbb{J} 18'11	27°42'39
max. Earth dist.	-3997 Mar 26 j 04:24	2° \mathbb{H} 17'23	1.32588 AU		-3996 Feb 13 j 05:02	0° \mathbb{Z}	
					-3996 Mar 01 j 09:02	0° \approx	
superior conj	-3997 Mar 26 j 20:31	3° \mathbb{H} 45'27	-0°06'31	morning set	-3996 Mar 02 j 20:35	2° \approx 58'39	
minimum elong	-3997 Mar 26 j 20:49	3° \mathbb{H} 47'04	0°06'33	max. Earth dist.	-3996 Mar 08 j 14:38	15° \approx 01'43	1.32890 AU
behind sun begin	-3997 Mar 26 j 16:13	3° \mathbb{H} 21'54					
behind sun end	-3997 Mar 27 j 01:25	4° \mathbb{H} 12'14		superior conj	-3996 Mar 10 j 06:38	18° \approx 37'35	-0°31'37
asc. node	-3997 Mar 27 j 11:28	5° \mathbb{H} 07'14		minimum elong	-3996 Mar 10 j 08:03	18° \approx 45'15	0°31'27
evening rise	-3997 Apr 02 j 19:42	18° \mathbb{H} 48'53		asc. node	-3996 Mar 13 j 08:28	25° \approx 18'15	
	-3997 Apr 08 j 08:50	0° \mathbb{Y}			-3996 Mar 15 j 12:42	0° \mathbb{H}	
	-3997 Apr 28 j 05:53	0° \mathbb{B}		evening rise	-3996 Mar 17 j 07:15	3° \mathbb{H} 46'14	
evening max el	-3997 Apr 30 j 07:43	2° \mathbb{B} 06'03	25°37'00		-3996 Mar 31 j 13:49	0° \mathbb{Y}	
desc. node	-3997 May 08 j 22:59	8° \mathbb{B} 09'16		evening max el	-3996 Apr 10 j 23:59	12° \mathbb{Y} 57'15	24°09'53
retrograde	-3997 May 14 j 09:37	9° \mathbb{B} 18'52		retrograde	-3996 Apr 24 j 19:58	19° \mathbb{Y} 54'00	
evening set	-3997 May 20 j 00:32	8° \mathbb{B} 03'47		desc. node	-3996 Apr 24 j 20:06	19° \mathbb{Y} 54'00	
min. Earth dist.	-3997 May 24 j 20:05	5° \mathbb{B} 17'15	0.58288 AU	evening set	-3996 Apr 29 j 03:13	19° \mathbb{Y} 12'42	
inferior conj	-3997 May 28 j 02:18	2° \mathbb{B} 57'34	-4°05'10	min. Earth dist.	-3996 May 05 j 11:39	16° \mathbb{Y} 07'20	0.56548 AU
minimum elong	-3997 May 27 j 23:05	3° \mathbb{B} 03'22	4°04'43	inferior conj	-3996 May 08 j 00:12	14° \mathbb{Y} 32'48	-3°14'53
	-3997 Jun 01 j 15:12	30° \mathbb{R} 0		minimum elong	-3996 May 07 j 18:23	14° \mathbb{Y} 41'57	3°13'31
morning rise	-3997 Jun 05 j 00:23	28° \mathbb{Y} 37'00		morning rise	-3996 May 16 j 12:40	10° \mathbb{Y} 29'43	
direct	-3997 Jun 07 j 12:21	28° \mathbb{Y} 17'08		direct	-3996 May 19 j 00:10	10° \mathbb{Y} 13'23	
	-3997 Jun 13 j 00:09	0° \mathbb{B}		morning max el	-3996 May 28 j 16:28	14° \mathbb{Y} 42'50	19°40'53
morning max el	-3997 Jun 15 j 18:47	2° \mathbb{B} 10'56	18°45'56		-3996 Jun 08 j 15:36	0° \mathbb{B}	
asc. node	-3997 Jun 23 j 11:07	12° \mathbb{B} 16'20		asc. node	-3996 Jun 09 j 08:08	1° \mathbb{B} 14'34	
morning set	-3997 Jul 02 j 05:27	28° \mathbb{B} 21'05		morning set	-3996 Jun 15 j 06:25	12° \mathbb{B} 41'42	
	-3997 Jul 03 j 01:44	0° \mathbb{I}					
superior conj	-3997 Jul 10 j 23:02	15° \mathbb{I} 15'25	1°49'09	superior conj	-3996 Jun 23 j 07:12	28° \mathbb{B} 50'39	1°44'03
minimum elong	-3997 Jul 10 j 22:53	15° \mathbb{I} 14'42	1°49'18	minimum elong	-3996 Jun 23 j 05:24	28° \mathbb{B} 41'43	1°44'05
max. Earth dist.	-3997 Jul 17 j 22:15	28° \mathbb{I} 02'22	1.39203 AU		-3996 Jun 23 j 21:16	0° \mathbb{I}	
	-3997 Jul 19 j 00:54	0° \mathbb{B}		max. Earth dist.	-3996 Jun 29 j 00:50	9° \mathbb{I} 53'47	1.37303 AU
evening rise	-3997 Jul 21 j 23:17	5° \mathbb{B} 04'38		evening rise	-3996 Jul 02 j 21:57	17° \mathbb{I} 00'46	
desc. node	-3997 Aug 04 j 21:59	27° \mathbb{B} 22'05			-3996 Jul 10 j 11:07	0° \mathbb{B}	
	-3997 Aug 06 j 16:34	0° \mathbb{O}		desc. node	-3996 Jul 21 j 19:01	17° \mathbb{B} 30'26	
evening max el	-3997 Aug 26 j 08:53	25° \mathbb{O} 15'33	24°09'24		-3996 Jul 31 j 01:04	0° \mathbb{O}	
	-3997 Sep 01 j 03:10	0° \mathbb{M}		evening max el	-3996 Aug 07 j 19:28	8° \mathbb{O} 45'32	25°25'20
				retrograde	-3996 Aug 19 j 20:04	15° \mathbb{O} 43'06	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening set	-3996 Aug 25 j 19:35	13°Ω09'27		desc. node	-3995 Jul 08 j 16:03	7°♄14'54	
min. Earth dist.	-3996 Aug 30 j 04:52	8°Ω14'00	0.66848 AU	evening max el	-3995 Jul 21 j 06:24	22°♄15'40	26°28'24
inferior conj	-3996 Aug 31 j 05:49	6°Ω52'56	-1°40'31	retrograde	-3995 Aug 03 j 02:01	29°♄31'06	
minimum elong	-3996 Aug 31 j 08:08	6°Ω45'24	1°39'28	evening set	-3995 Aug 09 j 15:10	26°♄45'53	
asc. node	-3996 Sep 05 j 07:21	1°Ω17'47		min. Earth dist.	-3995 Aug 13 j 16:27	22°♄28'31	0.66053 AU
morning rise	-3996 Sep 05 j 20:47	0°Ω53'55		inferior conj	-3995 Aug 15 j 05:41	20°♄34'44	-2°30'19
	-3996 Sep 07 j 17:39	30°♄		minimum elong	-3995 Aug 15 j 08:58	20°♄24'41	2°29'02
direct	-3996 Sep 09 j 06:48	29°♄46'14		morning rise	-3995 Aug 21 j 03:03	14°♄47'12	
	-3996 Sep 10 j 20:52	0°Ω		asc. node	-3995 Aug 23 j 04:28	13°♄59'32	
morning max el	-3996 Sep 16 j 14:29	3°Ω58'20	19°34'50	direct	-3995 Aug 24 j 04:38	13°♄53'47	
	-3996 Oct 05 j 03:55	0°♄		morning max el	-3995 Aug 30 j 23:38	17°♄41'36	18°45'16
morning set	-3996 Oct 11 j 02:39	9°♄13'13			-3995 Sep 09 j 04:53	0°Ω	
desc. node	-3996 Oct 17 j 18:41	19°♄37'43		morning set	-3995 Sep 20 j 22:59	18°Ω36'24	
max. Earth dist.	-3996 Oct 24 j 04:21	29°♄43'04	1.44325 AU		-3995 Sep 28 j 02:43	0°♄	
	-3996 Oct 24 j 08:37	0°♄		desc. node	-3995 Oct 04 j 15:37	10°♄19'45	
superior conj	-3996 Oct 27 j 19:58	5°♄32'11	-1°01'02	superior conj	-3995 Oct 06 j 21:25	13°♄51'45	-0°14'12
minimum elong	-3996 Oct 27 j 13:20	5°♄05'39	1°00'16	minimum elong	-3995 Oct 06 j 19:33	13°♄44'24	0°13'54
evening rise	-3996 Nov 11 j 00:05	28°♄46'50		behind sun begin	-3995 Oct 06 j 13:30	13°♄20'30	
	-3996 Nov 11 j 17:32	0°♄		behind sun end	-3995 Oct 07 j 01:37	14°♄08'17	
evening max el	-3996 Nov 29 j 22:01	27°♄41'22	18°23'48	max. Earth dist.	-3995 Oct 06 j 21:21	13°♄51'30	1.44819 AU
asc. node	-3996 Dec 02 j 06:12	29°♄44'09			-3995 Oct 17 j 02:32	0°♄	
	-3996 Dec 02 j 15:28	0°♄		evening rise	-3995 Oct 22 j 19:49	9°♄07'23	
retrograde	-3996 Dec 06 j 11:57	1°♄18'09			-3995 Nov 05 j 00:09	0°♄	
evening set	-3996 Dec 09 j 09:52	0°♄32'10		evening max el	-3995 Nov 13 j 09:02	11°♄06'06	18°56'41
	-3996 Dec 10 j 07:33	30°♄		asc. node	-3995 Nov 19 j 03:19	14°♄53'21	
inferior conj	-3996 Dec 15 j 11:13	25°♄02'29	3°34'15	retrograde	-3995 Nov 20 j 05:53	15°♄00'14	
minimum elong	-3996 Dec 15 j 08:18	25°♄10'46	3°33'34	evening set	-3995 Nov 23 j 09:37	14°♄03'03	
min. Earth dist.	-3996 Dec 17 j 15:25	22°♄34'16	0.64021 AU	inferior conj	-3995 Nov 29 j 03:56	8°♄17'12	2°59'22
morning rise	-3996 Dec 21 j 06:13	19°♄00'56		minimum elong	-3995 Nov 29 j 00:46	8°♄26'59	2°58'24
direct	-3996 Dec 28 j 05:05	16°♄10'53		min. Earth dist.	-3995 Nov 30 j 17:42	6°♄20'31	0.65375 AU
morning max el	-3995 Jan 10 j 18:34	23°♄54'07	27°28'05	morning rise	-3995 Dec 04 j 15:35	2°♄08'40	
desc. node	-3995 Jan 13 j 18:20	27°♄03'02			-3995 Dec 07 j 22:34	30°♄	
	-3995 Jan 16 j 07:24	0°♄		direct	-3995 Dec 11 j 05:05	29°♄19'07	
	-3995 Feb 05 j 12:09	0°♄			-3995 Dec 14 j 16:56	0°♄	
morning set	-3995 Feb 14 j 16:47	17°♄04'34		morning max el	-3995 Dec 24 j 04:12	6°♄52'03	26°42'23
max. Earth dist.	-3995 Feb 19 j 17:40	27°♄18'37	1.33585 AU	desc. node	-3995 Dec 31 j 15:21	15°♄21'51	
	-3995 Feb 21 j 00:28	0°♄			-3994 Jan 11 j 03:51	0°♄	
superior conj	-3995 Feb 22 j 13:27	3°♄15'45	-0°56'00		-3994 Jan 28 j 19:12	0°♄	
minimum elong	-3995 Feb 22 j 15:51	3°♄28'31	0°55'43	morning set	-3994 Jan 29 j 01:56	0°♄31'58	
asc. node	-3995 Feb 28 j 05:28	15°♄22'24		max. Earth dist.	-3994 Feb 02 j 09:56	8°♄59'02	1.34714 AU
evening rise	-3995 Mar 01 j 18:32	18°♄38'02		superior conj	-3994 Feb 06 j 14:47	17°♄32'22	-1°18'27
	-3995 Mar 07 j 10:14	0°♄		minimum elong	-3994 Feb 06 j 17:50	17°♄48'07	1°18'10
evening max el	-3995 Mar 23 j 16:56	23°♄40'06	22°35'37		-3994 Feb 12 j 13:46	0°♄	
	-3995 Apr 04 j 14:06	0°♄		evening rise	-3994 Feb 14 j 03:44	3°♄17'29	
retrograde	-3995 Apr 05 j 18:05	0°♄03'05		asc. node	-3994 Feb 15 j 02:28	5°♄14'33	
	-3995 Apr 06 j 22:16	30°♄			-3994 Mar 01 j 11:41	0°♄	
evening set	-3995 Apr 08 j 20:05	29°♄42'13		evening max el	-3994 Mar 05 j 16:48	4°♄41'18	21°07'17
desc. node	-3995 Apr 11 j 17:12	28°♄48'09		retrograde	-3994 Mar 17 j 07:51	10°♄14'36	
min. Earth dist.	-3995 Apr 17 j 01:57	26°♄06'02	0.55431 AU	evening set	-3994 Mar 19 j 18:04	10°♄00'58	
inferior conj	-3995 Apr 18 j 04:08	25°♄28'34	-1°44'45	inferior conj	-3994 Mar 28 j 23:29	6°♄02'26	0°10'17
minimum elong	-3995 Apr 17 j 23:37	25°♄35'03	1°43'20	minimum elong	-3994 Mar 28 j 23:57	6°♄01'45	0°10'03
morning rise	-3995 Apr 27 j 05:06	21°♄31'27		transit middle	-3994 Mar 28 j 23:57	6°♄01'45	0°10'03
direct	-3995 Apr 29 j 18:54	21°♄16'04		transit begin	-3994 Mar 28 j 20:47	6°♄06'15	
morning max el	-3995 May 11 j 03:39	26°♄35'06	20°55'33	transit end	-3994 Mar 29 j 03:07	5°♄57'16	
	-3995 May 14 j 09:11	0°♄		min. Earth dist.	-3994 Mar 29 j 16:09	5°♄38'45	0.55190 AU
asc. node	-3995 May 27 j 05:08	20°♄40'26		desc. node	-3994 Mar 29 j 14:18	5°♄41'23	
morning set	-3995 May 30 j 13:05	27°♄22'19		morning rise	-3994 Apr 07 j 05:20	1°♄54'04	
	-3995 May 31 j 19:42	0°♄		direct	-3994 Apr 10 j 06:57	1°♄33'29	
superior conj	-3995 Jun 07 j 02:23	13°♄01'08	1°32'09	morning max el	-3994 Apr 23 j 04:06	7°♄45'51	22°26'27
minimum elong	-3995 Jun 06 j 23:48	12°♄47'53	1°32'00		-3994 May 08 j 18:55	0°♄	
max. Earth dist.	-3995 Jun 11 j 09:29	21°♄40'42	1.35647 AU	asc. node	-3994 May 14 j 02:08	10°♄26'36	
evening rise	-3995 Jun 15 j 16:49	29°♄58'44		morning set	-3994 May 14 j 23:22	12°♄16'37	
	-3995 Jun 15 j 17:05	0°♄		superior conj	-3994 May 22 j 05:09	27°♄36'18	1°15'21
	-3995 Jul 03 j 14:08	0°♄		minimum elong	-3994 May 22 j 02:30	27°♄22'20	1°15'03

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3994 May 23 j 08:28	0°♄		minimum elong	-3993 May 06 j 10:41	12°♅15'27	0°54'40
max. Earth dist.	-3994 May 25 j 04:09	3°♄47'28	1.34340 AU	max. Earth dist.	-3993 May 08 j 08:15	16°♅20'01	1.33404 AU
evening rise	-3994 May 30 j 02:37	13°♄43'33		evening rise	-3993 May 13 j 23:00	28°♅01'08	
	-3994 Jun 07 j 22:51	0°♅			-3993 May 14 j 22:44	0°♄	
desc. node	-3994 Jun 25 j 13:05	26°♅25'26			-3993 Jun 01 j 04:13	0°♅	
	-3994 Jun 28 j 11:31	0°♄		desc. node	-3993 Jun 12 j 10:11	14°♅46'58	
evening max el	-3994 Jul 03 j 17:54	5°♄38'41	27°10'42	evening max el	-3993 Jun 16 j 04:09	18°♅41'09	27°25'21
retrograde	-3994 Jul 17 j 02:37	13°♄01'27		retrograde	-3993 Jun 29 j 21:11	26°♅04'42	
evening set	-3994 Jul 24 j 02:06	10°♄13'59		evening set	-3993 Jul 07 j 01:00	23°♅27'20	
min. Earth dist.	-3994 Jul 27 j 20:35	6°♄34'00	0.64886 AU	min. Earth dist.	-3993 Jul 10 j 15:18	20°♅19'46	0.63343 AU
inferior conj	-3994 Jul 29 j 23:18	4°♄11'22	-3°15'00	inferior conj	-3993 Jul 13 j 07:57	17°♅36'08	-3°51'22
minimum elong	-3994 Jul 30 j 03:05	4°♄00'43	3°13'49	minimum elong	-3993 Jul 13 j 11:23	17°♅27'24	3°50'36
	-3994 Aug 03 j 03:02	30°♅♅		morning rise	-3993 Jul 19 j 22:41	12°♅21'17	
morning rise	-3994 Aug 05 j 04:35	28°♅38'32		direct	-3993 Jul 22 j 14:20	11°♅47'16	
direct	-3994 Aug 08 j 00:08	27°♅56'08		asc. node	-3993 Jul 27 j 22:36	14°♅04'55	
asc. node	-3994 Aug 10 j 01:33	28°♅18'42		morning max el	-3993 Jul 29 j 03:49	15°♅11'35	17°57'17
	-3994 Aug 12 j 22:12	0°♄			-3993 Aug 08 j 12:00	0°♄	
morning max el	-3994 Aug 14 j 12:56	1°♄27'58	18°12'25	morning set	-3993 Aug 14 j 23:37	11°♄15'00	
morning set	-3994 Sep 01 j 22:55	29°♄20'18			-3993 Aug 25 j 21:47	0°♄	
	-3994 Sep 02 j 08:26	0°♄					
				superior conj	-3993 Aug 27 j 02:06	1°♄57'57	1°13'09
superior conj	-3994 Sep 16 j 00:59	22°♄22'19	0°34'24	minimum elong	-3993 Aug 27 j 07:53	2°♄21'57	1°12'41
minimum elong	-3994 Sep 16 j 05:01	22°♄38'28	0°33'59	max. Earth dist.	-3993 Sep 02 j 07:01	12°♄06'30	1.43669 AU
max. Earth dist.	-3994 Sep 19 j 15:16	28°♄05'30	1.44591 AU	desc. node	-3993 Sep 08 j 09:31	21°♄48'01	
	-3994 Sep 20 j 20:15	0°♅		evening rise	-3993 Sep 11 j 20:20	27°♄10'32	
desc. node	-3994 Sep 21 j 12:33	1°♅04'20			-3993 Sep 13 j 16:15	0°♅	
evening rise	-3994 Oct 02 j 15:24	18°♅27'02			-3993 Oct 04 j 02:37	0°♄	
	-3994 Oct 10 j 02:34	0°♄		evening max el	-3993 Oct 10 j 17:44	7°♄59'05	20°48'56
greatest brilliancy	-3994 Oct 15 j 03:36	7°♄41'20	-0.7m	retrograde	-3993 Oct 18 j 23:41	12°♄51'33	
evening max el	-3994 Oct 27 j 16:12	24°♄32'51	19°45'47	evening set	-3993 Oct 22 j 21:27	11°♄24'20	
retrograde	-3994 Nov 04 j 02:34	28°♄52'28		asc. node	-3993 Oct 23 j 21:33	10°♄33'41	
asc. node	-3994 Nov 06 j 00:26	28°♄31'17		inferior conj	-3993 Oct 28 j 07:06	5°♄15'13	1°28'00
evening set	-3994 Nov 07 j 14:12	27°♄41'34		minimum elong	-3993 Oct 28 j 05:10	5°♄21'47	1°27'13
inferior conj	-3994 Nov 13 j 03:21	21°♄42'28	2°16'23	min. Earth dist.	-3993 Oct 28 j 20:01	4°♄31'11	0.67030 AU
minimum elong	-3994 Nov 13 j 00:35	21°♄51'31	2°15'22		-3993 Nov 01 j 11:42	30°♅♅	
min. Earth dist.	-3994 Nov 14 j 03:58	20°♄21'43	0.66374 AU	morning rise	-3993 Nov 02 j 12:42	29°♅00'02	
morning rise	-3994 Nov 18 j 10:44	15°♄29'24		direct	-3993 Nov 07 j 21:31	26°♅40'59	
direct	-3994 Nov 24 j 10:47	12°♄51'39			-3993 Nov 15 j 08:05	0°♄	
morning max el	-3994 Dec 06 j 13:11	20°♄01'11	25°33'33	morning max el	-3993 Nov 18 j 21:54	3°♄15'06	24°11'07
	-3994 Dec 15 j 03:31	0°♅		desc. node	-3993 Dec 05 j 09:22	24°♄08'25	
desc. node	-3994 Dec 18 j 12:22	4°♅28'18			-3993 Dec 09 j 09:02	0°♅	
	-3993 Jan 04 j 06:58	0°♄		morning set	-3993 Dec 24 j 15:17	24°♅34'08	
morning set	-3993 Jan 11 j 19:23	13°♄07'07			-3993 Dec 27 j 17:37	0°♄	
max. Earth dist.	-3993 Jan 15 j 14:35	20°♄10'25	1.36290 AU	max. Earth dist.	-3993 Dec 28 j 11:44	1°♄20'54	1.38219 AU
	-3993 Jan 20 j 16:01	0°♄					
				superior conj	-3992 Jan 04 j 13:25	14°♄26'57	-1°50'24
superior conj	-3993 Jan 21 j 07:58	1°♄19'25	-1°37'19	minimum elong	-3992 Jan 04 j 15:27	14°♄36'38	1°50'28
minimum elong	-3993 Jan 21 j 11:01	1°♄34'40	1°37'11		-3992 Jan 12 j 12:24	0°♄	
evening rise	-3993 Jan 29 j 08:54	17°♄38'44		evening rise	-3992 Jan 13 j 07:45	1°♄35'21	
asc. node	-3993 Feb 01 j 23:29	24°♄49'38		asc. node	-3992 Jan 19 j 20:33	14°♄01'23	
	-3993 Feb 04 j 17:17	0°♅		evening max el	-3992 Jan 29 j 23:06	28°♄25'33	18°58'35
evening max el	-3993 Feb 16 j 02:51	16°♅15'47	19°53'33		-3992 Jan 31 j 19:12	0°♅	
retrograde	-3993 Feb 26 j 01:07	20°♅58'19		retrograde	-3992 Feb 07 j 09:38	2°♅28'38	
evening set	-3993 Feb 28 j 08:36	20°♅44'09		evening set	-3992 Feb 09 j 19:30	2°♅10'11	
inferior conj	-3993 Mar 09 j 00:18	16°♅42'48	1°58'45		-3992 Feb 14 j 14:50	30°♅♅	
minimum elong	-3993 Mar 09 j 04:49	16°♅35'50	1°57'16	inferior conj	-3992 Feb 17 j 17:53	27°♄53'34	3°15'18
min. Earth dist.	-3993 Mar 11 j 06:22	15°♅19'43	0.55879 AU	minimum elong	-3992 Feb 17 j 22:27	27°♄45'26	3°14'12
desc. node	-3993 Mar 16 j 11:27	12°♅38'58		min. Earth dist.	-3992 Feb 20 j 21:47	25°♄39'44	0.57323 AU
morning rise	-3993 Mar 17 j 22:49	12°♅08'39		morning rise	-3992 Feb 25 j 22:49	22°♄49'30	
direct	-3993 Mar 22 j 00:37	11°♅31'52		direct	-3992 Mar 02 j 06:19	21°♄42'26	
morning max el	-3993 Apr 04 j 20:49	18°♅26'42	24°05'28	desc. node	-3992 Mar 02 j 08:34	21°♄42'27	
	-3993 Apr 14 j 09:12	0°♄		morning max el	-3992 Mar 16 j 11:55	29°♄03'45	25°39'21
morning set	-3993 Apr 29 j 11:23	27°♄18'01			-3992 Mar 17 j 10:40	0°♅	
asc. node	-3993 Apr 30 j 23:05	0°♅26'44			-3992 Apr 06 j 19:33	0°♄	
	-3993 Apr 30 j 18:04	0°♅		morning set	-3992 Apr 12 j 23:28	12°♄20'42	
				asc. node	-3992 Apr 16 j 20:05	20°♄36'06	
superior conj	-3993 May 06 j 12:52	12°♅27'15	0°55'02				

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-3992 Apr 19 j 23:32	27° H 27'14	0°32'16	superior conj	-3991 Apr 04 j 11:16	12° H 28'50	0°07'55
minimum elong	-3992 Apr 19 j 22:09	27° H 19'43	0°31'58	minimum elong	-3991 Apr 04 j 10:55	12° H 26'55	0°07'47
max. Earth dist.	-3992 Apr 20 j 18:52	29° H 12'37	1.32820 AU	behind sun begin	-3991 Apr 04 j 06:33	12° H 02'58	
	-3992 Apr 21 j 03:35	0° Y		behind sun end	-3991 Apr 04 j 15:18	12° H 50'53	
evening rise	-3992 Apr 27 j 02:40	12° Y 40'59		max. Earth dist.	-3991 Apr 04 j 08:09	12° H 11'45	1.32570 AU
	-3992 May 06 j 02:26	0° B		evening rise	-3991 Apr 11 j 10:58	27° H 33'10	
	-3992 May 27 j 06:01	0° II			-3991 Apr 12 j 15:16	0° Y	
evening max el	-3992 May 28 j 10:32	1° II 10'12	27°07'56		-3991 Apr 29 j 16:58	0° B	
desc. node	-3992 May 29 j 07:16	1° II 58'41		evening max el	-3991 May 10 j 10:57	12° B 57'24	26°18'17
retrograde	-3992 Jun 11 j 09:04	8° II 32'07		desc. node	-3991 May 16 j 04:23	17° B 31'30	
evening set	-3992 Jun 18 j 07:57	6° II 18'42		retrograde	-3991 May 24 j 13:01	20° B 15'48	
min. Earth dist.	-3992 Jun 21 j 23:59	3° II 32'19	0.61478 AU	evening set	-3991 May 30 j 18:55	18° B 38'05	
inferior conj	-3992 Jun 25 j 04:24	0° II 41'37	-4°14'32	min. Earth dist.	-3991 Jun 03 j 23:55	15° B 56'19	0.59435 AU
minimum elong	-3992 Jun 25 j 06:16	0° II 37'27	4°14'15	inferior conj	-3991 Jun 07 j 09:02	13° B 18'41	-4°17'01
	-3992 Jun 25 j 23:04	30° R 8		minimum elong	-3991 Jun 07 j 07:54	13° B 20'55	4°16'51
morning rise	-3992 Jul 02 j 06:08	25° B 47'28		morning rise	-3991 Jun 14 j 23:18	8° B 46'22	
direct	-3992 Jul 04 j 19:34	25° B 19'58		direct	-3991 Jun 17 j 11:31	8° B 24'07	
morning max el	-3992 Jul 11 j 17:35	28° B 46'18	18°00'43	morning max el	-3991 Jun 25 j 03:22	12° B 04'10	18°23'38
	-3992 Jul 12 j 21:55	0° II		asc. node	-3991 Jun 30 j 16:42	18° B 57'49	
asc. node	-3992 Jul 13 j 19:40	1° II 03'02			-3991 Jul 07 j 04:32	0° II	
morning set	-3992 Jul 27 j 19:35	24° II 05'12		morning set	-3991 Jul 11 j 05:49	7° II 38'14	
	-3992 Jul 31 j 01:11	0° E					
superior conj	-3992 Aug 07 j 06:57	12° E 56'18	1°37'25	superior conj	-3991 Jul 20 j 12:12	25° II 08'08	1°48'06
minimum elong	-3992 Aug 07 j 10:54	13° E 13'31	1°37'18	minimum elong	-3991 Jul 20 j 13:24	25° II 13'42	1°48'14
max. Earth dist.	-3992 Aug 14 j 17:33	25° E 35'27	1.42177 AU		-3991 Jul 23 j 04:22	0° E	
	-3992 Aug 17 j 10:02	0° O		max. Earth dist.	-3991 Jul 27 j 21:56	8° E 20'11	1.40326 AU
evening rise	-3992 Aug 21 j 05:38	6° O 07'48		evening rise	-3991 Aug 01 j 12:05	16° E 05'50	
desc. node	-3992 Aug 25 j 06:30	12° O 27'29			-3991 Aug 10 j 04:44	0° O	
	-3992 Sep 05 j 23:34	0° P		desc. node	-3991 Aug 12 j 03:29	2° O 58'59	
evening max el	-3992 Sep 22 j 12:59	21° P 24'17	22°02'57		-3991 Aug 31 j 17:24	0° P	
retrograde	-3992 Oct 01 j 19:31	26° P 54'54		evening max el	-3991 Sep 05 j 03:01	4° P 50'22	23°23'06
evening set	-3992 Oct 06 j 05:27	25° P 09'15		retrograde	-3991 Sep 15 j 12:35	10° P 59'40	
asc. node	-3992 Oct 09 j 18:41	21° P 17'39		evening set	-3991 Sep 20 j 12:26	8° P 54'34	
inferior conj	-3992 Oct 11 j 13:10	18° P 53'32	0°36'15	inferior conj	-3991 Sep 25 j 19:49	2° P 35'52	-0°17'06
minimum elong	-3992 Oct 11 j 12:20	18° P 56'24	0°35'56	minimum elong	-3991 Sep 25 j 20:13	2° P 34'30	0°16'50
min. Earth dist.	-3992 Oct 11 j 15:31	18° P 45'27	0.67369 AU	min. Earth dist.	-3991 Sep 25 j 11:59	3° P 02'45	0.67408 AU
morning rise	-3992 Oct 16 j 19:06	12° P 38'53		asc. node	-3991 Sep 26 j 15:48	1° P 27'36	
direct	-3992 Oct 21 j 12:48	10° P 41'11			-3991 Sep 27 j 18:21	30° R 0	
morning max el	-3992 Oct 31 j 08:37	16° P 32'39	22°44'36	morning rise	-3991 Oct 01 j 03:54	26° O 24'39	
	-3992 Nov 11 j 08:42	0° A		direct	-3991 Oct 05 j 07:45	24° O 48'04	
desc. node	-3992 Nov 21 j 06:21	14° A 12'17		morning max el	-3991 Oct 14 j 00:20	29° O 56'14	21°22'19
	-3992 Dec 01 j 11:01	0° M			-3991 Oct 14 j 01:49	0° P	
morning set	-3992 Dec 04 j 07:53	4° M 39'23		desc. node	-3991 Nov 05 j 03:31	0° A	
max. Earth dist.	-3992 Dec 09 j 08:26	13° M 03'25	1.40291 AU	morning set	-3991 Nov 08 j 03:19	4° A 33'11	
				max. Earth dist.	-3991 Nov 13 j 20:52	13° A 27'21	
superior conj	-3992 Dec 17 j 02:27	26° M 42'07	-1°54'42		-3991 Nov 21 j 10:38	25° A 37'37	1.42221 AU
minimum elong	-3992 Dec 17 j 02:03	26° M 40'18	1°54'51		-3991 Nov 24 j 02:03	0° M	
	-3992 Dec 18 j 21:46	0° J		superior conj	-3991 Nov 28 j 17:31	7° M 51'55	-1°46'34
evening rise	-3992 Dec 26 j 21:24	14° J 59'45		minimum elong	-3991 Nov 28 j 13:29	7° M 34'36	1°46'26
	-3991 Jan 04 j 02:17	0° B		evening rise	-3991 Dec 09 j 22:18	27° M 44'33	
asc. node	-3991 Jan 05 j 17:37	2° B 41'22			-3991 Dec 11 j 04:10	0° J	
evening max el	-3991 Jan 12 j 03:30	11° B 04'27	18°23'36	asc. node	-3991 Dec 23 j 14:42	20° J 40'02	
retrograde	-3991 Jan 19 j 12:37	14° B 43'04		evening max el	-3991 Dec 26 j 13:25	24° J 05'26	18°08'34
evening set	-3991 Jan 22 j 01:32	14° B 18'25		retrograde	-3990 Jan 02 j 07:45	27° J 33'46	
inferior conj	-3991 Jan 29 j 07:51	9° B 41'30	3°54'25	evening set	-3990 Jan 04 j 23:43	27° J 01'43	
minimum elong	-3991 Jan 29 j 09:56	9° B 37'12	3°54'04	inferior conj	-3990 Jan 11 j 16:42	22° J 03'21	4°02'45
min. Earth dist.	-3991 Feb 01 j 16:55	6° B 55'07	0.59219 AU	minimum elong	-3990 Jan 11 j 16:06	22° J 04'47	4°02'34
morning rise	-3991 Feb 05 j 16:14	4° B 13'23		min. Earth dist.	-3990 Jan 14 j 18:43	19° J 08'19	0.61236 AU
direct	-3991 Feb 12 j 00:47	2° B 27'08		morning rise	-3990 Jan 18 j 07:10	16° J 18'50	
desc. node	-3991 Feb 17 j 05:41	3° B 34'47		direct	-3990 Jan 25 j 05:58	13° J 57'06	
morning max el	-3991 Feb 26 j 06:50	10° B 02'47	26°52'59	desc. node	-3990 Feb 04 j 02:48	17° J 59'15	
	-3991 Mar 13 j 15:20	0° A		morning max el	-3990 Feb 08 j 07:50	21° J 39'31	27°34'50
morning set	-3991 Mar 28 j 09:50	27° A 17'02			-3990 Feb 15 j 16:01	0° B	
	-3991 Mar 29 j 16:52	0° H			-3990 Mar 06 j 14:15	0° A	
asc. node	-3991 Apr 03 j 17:05	10° H 49'19		morning set	-3990 Mar 12 j 16:34	12° A 00'02	
				max. Earth dist.	-3990 Mar 18 j 20:24	25° A 04'20	1.32666 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-3990 Mar 19 j 22:27	27° \approx 26'04	-0°17'11	max. Earth dist.	-3989 Mar 02 j 03:54	7° \approx 37'40	1.33133 AU
minimum elong	-3990 Mar 19 j 23:14	27° \approx 30'18	0°17'08				
	-3990 Mar 21 j 02:41	0° \mathbb{X}		superior conj	-3989 Mar 04 j 07:24	12° \approx 13'08	-0°42'08
asc. node	-3990 Mar 21 j 14:05	1° \mathbb{X} 02'16		minimum elong	-3989 Mar 04 j 09:15	12° \approx 23'09	0°41'53
evening rise	-3990 Mar 26 j 21:51	12° \mathbb{X} 30'22		asc. node	-3989 Mar 08 j 11:05	21° \approx 11'01	
	-3990 Apr 04 j 20:27	0° \mathbb{Y}		evening rise	-3989 Mar 11 j 09:30	27° \approx 26'14	
evening max el	-3990 Apr 22 j 05:33	24° \mathbb{Y} 05'18	25°01'49		-3989 Mar 12 j 14:57	0° \mathbb{X}	
	-3990 Apr 30 j 15:16	0° \mathbb{Z}			-3989 Mar 30 j 10:58	0° \mathbb{Y}	
desc. node	-3990 May 03 j 01:30	0° \mathbb{Z} 49'16		evening max el	-3989 Apr 03 j 21:33	4° \mathbb{Y} 50'27	23°29'56
retrograde	-3990 May 06 j 06:36	1° \mathbb{Z} 13'20		retrograde	-3989 Apr 17 j 11:19	11° \mathbb{Y} 34'27	
evening set	-3990 May 11 j 08:14	0° \mathbb{Z} 14'08		desc. node	-3989 Apr 19 j 22:38	11° \mathbb{Y} 20'54	
	-3990 May 11 j 22:21	30° $\mathbb{R}\mathbb{Y}$		evening set	-3989 Apr 21 j 04:59	11° \mathbb{Y} 03'50	
min. Earth dist.	-3990 May 16 j 17:51	27° \mathbb{Y} 20'47	0.57486 AU	min. Earth dist.	-3989 Apr 28 j 08:42	7° \mathbb{Y} 47'03	0.55975 AU
inferior conj	-3990 May 19 j 18:34	25° \mathbb{Y} 18'18	-3°48'49	inferior conj	-3989 Apr 30 j 08:13	6° \mathbb{Y} 36'13	-2°41'14
minimum elong	-3990 May 19 j 13:57	25° \mathbb{Y} 26'08	3°47'59	minimum elong	-3989 Apr 30 j 02:21	6° \mathbb{Y} 45'00	2°39'36
morning rise	-3990 May 27 j 22:43	21° \mathbb{Y} 05'52		morning rise	-3989 May 09 j 02:25	2° \mathbb{Y} 37'10	
direct	-3990 May 30 j 10:13	20° \mathbb{Y} 47'47		direct	-3989 May 11 j 14:25	2° \mathbb{Y} 21'34	
morning max el	-3990 Jun 08 j 06:10	24° \mathbb{Y} 55'25	19°06'48	morning max el	-3989 May 21 j 23:27	7° \mathbb{Y} 11'02	20°10'23
	-3990 Jun 12 j 16:01	0° \mathbb{Z}		asc. node	-3989 Jun 04 j 10:44	26° \mathbb{Y} 47'28	
asc. node	-3990 Jun 17 j 13:44	7° \mathbb{Z} 36'05			-3989 Jun 06 j 02:53	0° \mathbb{Z}	
morning set	-3990 Jun 25 j 02:19	21° \mathbb{Z} 43'55		morning set	-3989 Jun 09 j 06:03	6° \mathbb{Z} 14'35	
	-3990 Jun 29 j 06:26	0° \mathbb{H}					
				superior conj	-3989 Jun 17 j 01:22	22° \mathbb{Z} 09'03	1°39'42
superior conj	-3990 Jul 03 j 12:02	8° \mathbb{H} 17'03	1°47'56	minimum elong	-3989 Jun 16 j 23:08	21° \mathbb{Z} 57'49	1°39'40
minimum elong	-3990 Jul 03 j 11:04	8° \mathbb{H} 12'23	1°48'05		-3989 Jun 21 j 00:38	0° \mathbb{H}	
max. Earth dist.	-3990 Jul 09 j 23:31	20° \mathbb{H} 25'44	1.38376 AU	max. Earth dist.	-3989 Jun 22 j 04:26	2° \mathbb{H} 14'02	1.36562 AU
evening rise	-3990 Jul 13 j 20:49	27° \mathbb{H} 20'45		evening rise	-3989 Jun 26 j 04:48	9° \mathbb{H} 45'48	
	-3990 Jul 15 j 09:38	0° \mathbb{E}			-3989 Jul 08 j 01:12	0° \mathbb{E}	
desc. node	-3990 Jul 30 j 00:28	23° \mathbb{E} 17'28		desc. node	-3989 Jul 16 j 21:28	13° \mathbb{E} 17'07	
	-3990 Aug 03 j 16:25	0° \mathbb{O}			-3989 Jul 30 j 05:17	0° \mathbb{O}	
evening max el	-3990 Aug 18 j 14:16	18° \mathbb{O} 19'27	24°42'50	evening max el	-3989 Aug 01 j 01:07	1° \mathbb{O} 51'30	25°54'12
retrograde	-3990 Aug 30 j 01:45	25° \mathbb{O} 01'43		retrograde	-3989 Aug 13 j 10:17	8° \mathbb{O} 57'10	
evening set	-3990 Sep 04 j 16:33	22° \mathbb{O} 37'53		evening set	-3989 Aug 19 j 15:55	6° \mathbb{O} 17'56	
min. Earth dist.	-3990 Sep 09 j 06:53	17° \mathbb{O} 20'56	0.67147 AU	min. Earth dist.	-3989 Aug 23 j 21:48	1° \mathbb{O} 38'30	0.66563 AU
inferior conj	-3990 Sep 10 j 01:15	16° \mathbb{O} 19'42	-1°10'27	inferior conj	-3989 Aug 25 j 03:44	0° \mathbb{O} 03'33	-2°02'04
minimum elong	-3990 Sep 10 j 02:54	16° \mathbb{O} 14'13	1°09'39	minimum elong	-3989 Aug 25 j 06:31	29° \mathbb{E} 54'46	2°00'53
asc. node	-3990 Sep 13 j 12:55	12° \mathbb{O} 02'02			-3989 Aug 25 j 04:52	30° $\mathbb{R}\mathbb{E}$	
morning rise	-3990 Sep 15 j 13:14	10° \mathbb{O} 15'08		morning rise	-3989 Aug 30 j 21:14	24° \mathbb{E} 08'55	
direct	-3990 Sep 19 j 05:12	8° \mathbb{O} 57'36		asc. node	-3989 Aug 31 j 10:01	23° \mathbb{E} 50'30	
morning max el	-3990 Sep 26 j 23:01	13° \mathbb{O} 27'42	20°10'07	direct	-3989 Sep 03 j 03:29	23° \mathbb{E} 07'31	
	-3990 Oct 09 j 12:53	0° \mathbb{P}		morning max el	-3989 Sep 10 j 04:47	27° \mathbb{E} 07'50	19°11'43
morning set	-3990 Oct 23 j 19:09	21° \mathbb{P} 39'01			-3989 Sep 12 j 17:49	0° \mathbb{O}	
desc. node	-3990 Oct 26 j 00:14	25° \mathbb{P} 05'12			-3989 Oct 02 j 20:26	0° \mathbb{P}	
	-3990 Oct 29 j 03:38	0° \mathbb{U}		morning set	-3989 Oct 03 j 02:20	0° \mathbb{P} 23'10	
max. Earth dist.	-3990 Nov 03 j 20:25	9° \mathbb{U} 02'06	1.43735 AU	desc. node	-3989 Oct 12 j 21:09	15° \mathbb{P} 44'43	
				max. Earth dist.	-3989 Oct 17 j 12:11	23° \mathbb{P} 02'06	1.44636 AU
superior conj	-3990 Nov 09 j 05:37	17° \mathbb{U} 44'45	-1°22'29	superior conj	-3989 Oct 19 j 16:06	26° \mathbb{P} 27'31	-0°42'13
minimum elong	-3990 Nov 08 j 22:45	17° \mathbb{U} 16'39	1°21'51	minimum elong	-3989 Oct 19 j 10:55	26° \mathbb{P} 06'57	0°41'33
	-3990 Nov 16 j 14:20	0° \mathbb{M}			-3989 Oct 21 j 21:37	0° \mathbb{U}	
evening rise	-3990 Nov 22 j 06:01	9° \mathbb{M} 40'14		evening rise	-3989 Nov 03 j 15:58	20° \mathbb{U} 38'10	
	-3990 Dec 04 j 09:32	0° \mathbb{X}			-3989 Nov 09 j 08:44	0° \mathbb{M}	
evening max el	-3990 Dec 10 j 01:55	7° \mathbb{X} 20'25	18°12'55	evening max el	-3989 Nov 23 j 14:11	20° \mathbb{M} 43'09	18°35'41
asc. node	-3990 Dec 10 j 11:47	7° \mathbb{X} 44'48		asc. node	-3989 Nov 27 j 08:53	23° \mathbb{M} 41'01	
retrograde	-3990 Dec 16 j 14:56	10° \mathbb{X} 50'47		retrograde	-3989 Nov 30 j 06:03	24° \mathbb{M} 26'00	
evening set	-3990 Dec 19 j 10:26	10° \mathbb{X} 10'11		evening set	-3989 Dec 03 j 06:19	23° \mathbb{M} 35'20	
inferior conj	-3990 Dec 25 j 16:48	4° \mathbb{X} 51'17	3°49'10	inferior conj	-3989 Dec 09 j 04:25	17° \mathbb{M} 58'14	3°20'38
minimum elong	-3990 Dec 25 j 14:25	4° \mathbb{X} 57'39	3°48'41	minimum elong	-3989 Dec 09 j 01:18	18° \mathbb{M} 07'26	3°19'47
min. Earth dist.	-3990 Dec 28 j 05:30	2° \mathbb{X} 09'05	0.63096 AU	min. Earth dist.	-3989 Dec 11 j 02:15	15° \mathbb{M} 42'57	0.64648 AU
	-3990 Dec 30 j 10:38	30° $\mathbb{R}\mathbb{M}$		morning rise	-3989 Dec 14 j 19:54	11° \mathbb{M} 53'36	
morning rise	-3990 Dec 31 j 17:42	28° \mathbb{M} 55'18		direct	-3989 Dec 21 j 15:26	9° \mathbb{M} 02'27	
direct	-3989 Jan 07 j 19:20	26° \mathbb{M} 11'12		morning max el	-3988 Jan 03 j 23:20	16° \mathbb{M} 41'46	27°12'02
	-3989 Jan 17 j 02:26	0° \mathbb{X}		desc. node	-3988 Jan 08 j 20:53	22° \mathbb{M} 02'37	
morning max el	-3989 Jan 21 j 14:06	3° \mathbb{X} 55'12	27°40'34		-3988 Jan 15 j 02:24	0° \mathbb{X}	
desc. node	-3989 Jan 21 j 23:52	4° \mathbb{X} 19'29			-3988 Feb 02 j 22:55	0° \mathbb{Z}	
	-3989 Feb 10 j 04:25	0° \mathbb{Z}		morning set	-3988 Feb 08 j 09:19	10° \mathbb{Z} 12'44	
morning set	-3989 Feb 24 j 17:23	26° \mathbb{Z} 21'59		max. Earth dist.	-3988 Feb 13 j 02:51	19° \mathbb{Z} 40'17	1.34014 AU
	-3989 Feb 26 j 12:20	0° \mathbb{A}					

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-3988 Feb 16 j 12:09	26° Z 42'58	-1°05'52			-3987 Jan 25 j 00:22	0° Z	
minimum elong	-3988 Feb 16 j 14:53	26° Z 57'21	1°05'33	max. Earth dist.		-3987 Jan 25 j 14:28	1° Z 08'39	1.35335 AU
	-3988 Feb 18 j 01:26	0° \approx						
asc. node	-3988 Feb 23 j 08:05	11° \approx 10'49		superior conj		-3987 Jan 30 j 10:23	10° Z 48'24	-1°27'01
evening rise	-3988 Feb 23 j 20:08	12° \approx 13'48		minimum elong		-3987 Jan 30 j 13:32	11° Z 04'28	1°26'46
	-3988 Mar 04 j 01:35	0° H		evening rise		-3987 Feb 07 j 03:55	26° Z 46'54	
evening max el	-3988 Mar 15 j 16:44	15° H 37'57	21°56'39			-3987 Feb 08 j 17:49	0° \approx	
retrograde	-3988 Mar 28 j 04:32	21° H 41'01		asc. node		-3987 Feb 09 j 05:07	0° \approx 56'57	
evening set	-3988 Mar 30 j 22:15	21° H 24'19		evening max el		-3987 Feb 25 j 20:36	26° \approx 52'02	20°33'44
desc. node	-3988 Apr 05 j 19:46	19° H 12'24				-3987 Mar 01 j 21:16	0° H	
inferior conj	-3988 Apr 09 j 06:52	17° H 19'08	-0°57'18	retrograde		-3987 Mar 08 j 18:37	2° H 03'39	
minimum elong	-3988 Apr 09 j 04:13	17° H 22'51	0°56'27	evening set		-3987 Mar 11 j 02:23	1° H 50'29	
min. Earth dist.	-3988 Apr 08 j 22:31	17° H 30'53	0.55212 AU			-3987 Mar 16 j 06:25	30° R \approx	
morning rise	-3988 Apr 18 j 11:15	13° H 19'55		inferior conj		-3987 Mar 20 j 02:49	27° \approx 52'22	0°59'03
direct	-3988 Apr 21 j 04:44	13° H 03'17		minimum elong		-3987 Mar 20 j 05:25	27° \approx 48'35	0°58'05
morning max el	-3988 May 03 j 05:50	18° H 44'43	21°32'43	min. Earth dist.		-3987 Mar 21 j 12:38	27° \approx 03'05	0.55373 AU
	-3988 May 12 j 05:42	0° Y		desc. node		-3987 Mar 23 j 16:54	25° \approx 50'05	
asc. node	-3988 May 21 j 07:43	16° Y 22'46		morning rise		-3987 Mar 29 j 07:07	23° \approx 34'20	
morning set	-3988 May 23 j 14:31	21° Y 01'59		direct		-3987 Apr 01 j 17:24	23° \approx 08'45	
	-3988 May 27 j 21:25	0° B		morning max el		-3987 Apr 15 j 02:36	29° \approx 41'05	23°08'21
						-3987 Apr 15 j 10:31	0° H	
superior conj	-3988 May 31 j 00:08	6° B 31'08	1°25'33			-3987 May 05 j 03:31	0° Y	
minimum elong	-3988 May 30 j 21:27	6° B 17'11	1°25'19	morning set		-3987 May 08 j 01:44	5° Y 59'56	
max. Earth dist.	-3988 Jun 03 j 17:22	14° B 08'24	1.35044 AU	asc. node		-3987 May 08 j 04:43	6° Y 15'34	
evening rise	-3988 Jun 08 j 06:35	23° B 05'07						
	-3988 Jun 11 j 23:24	0° II		superior conj		-3987 May 15 j 05:18	21° Y 13'58	1°07'07
	-3988 Jun 30 j 16:44	0° E		minimum elong		-3987 May 15 j 02:48	21° Y 00'37	1°06'45
desc. node	-3988 Jul 02 j 18:32	2° E 48'47		max. Earth dist.		-3987 May 17 j 16:06	26° Y 25'03	1.33892 AU
evening max el	-3988 Jul 13 j 12:22	15° E 19'48	26°49'18			-3987 May 19 j 09:23	0° B	
retrograde	-3988 Jul 26 j 13:54	22° E 39'00		evening rise		-3987 May 22 j 21:19	7° B 04'54	
evening set	-3988 Aug 02 j 08:10	19° E 51'17				-3987 Jun 04 j 12:48	0° II	
min. Earth dist.	-3988 Aug 06 j 06:19	15° E 50'24	0.65609 AU	desc. node		-3987 Jun 19 j 15:37	21° II 40'31	
inferior conj	-3988 Aug 08 j 01:14	13° E 43'38	-2°50'02	evening max el		-3987 Jun 25 j 23:20	28° II 34'28	27°20'35
minimum elong	-3988 Aug 08 j 04:48	13° E 33'04	2°48'46			-3987 Jun 27 j 12:18	0° E	
morning rise	-3988 Aug 14 j 01:48	8° E 02'13		retrograde		-3987 Jul 09 j 12:08	5° E 58'53	
direct	-3988 Aug 17 j 00:36	7° E 13'48		evening set		-3987 Jul 16 j 14:26	3° E 13'40	
asc. node	-3988 Aug 17 j 07:06	7° E 14'12				-3987 Jul 20 j 02:11	30° R II	
morning max el	-3988 Aug 23 j 16:03	10° E 53'26	18°29'15	min. Earth dist.		-3987 Jul 20 j 06:31	29° II 48'41	0.64270 AU
	-3988 Sep 06 j 01:25	0° O		inferior conj		-3987 Jul 22 j 15:21	27° II 15'28	-3°31'44
morning set	-3988 Sep 12 j 10:22	10° O 21'27		minimum elong		-3987 Jul 22 j 19:07	27° II 05'18	3°30'41
	-3988 Sep 24 j 15:49	0° P		morning rise		-3987 Jul 29 j 00:30	21° II 50'14	
				direct		-3987 Jul 31 j 18:03	21° II 11'50	
superior conj	-3988 Sep 27 j 15:34	4° P 43'56	0°07'01	asc. node		-3987 Aug 04 j 04:10	22° II 11'43	
minimum elong	-3988 Sep 27 j 16:30	4° P 47'34	0°06'59	morning max el		-3987 Aug 07 j 06:24	24° II 39'28	18°03'50
behind sun begin	-3988 Sep 27 j 06:11	4° P 06'50				-3987 Aug 11 j 15:09	0° E	
behind sun end	-3988 Sep 28 j 02:48	5° P 28'16		morning set		-3987 Aug 24 j 21:24	21° E 36'46	
desc. node	-3988 Sep 28 j 18:05	6° P 28'32				-3987 Aug 29 j 20:22	0° O	
max. Earth dist.	-3988 Sep 29 j 06:28	7° P 17'20	1.44814 AU					
	-3988 Oct 13 j 16:50	0° A		superior conj		-3987 Sep 07 j 02:41	13° O 37'55	0°52'29
evening rise	-3988 Oct 14 j 01:09	0° A 32'47		minimum elong		-3987 Sep 07 j 08:03	13° O 59'41	0°51'58
greatest brilliancy	-3988 Oct 23 j 15:07	15° A 36'15	-0.8m	max. Earth dist.		-3987 Sep 11 j 23:30	21° O 26'58	1.44270 AU
	-3988 Nov 02 j 11:03	0° M		desc. node		-3987 Sep 15 j 15:02	27° O 13'12	
evening max el	-3988 Nov 05 j 23:47	4° M 09'26	19°15'37			-3987 Sep 17 j 09:32	0° P	
retrograde	-3988 Nov 13 j 01:38	8° M 13'42		evening rise		-3987 Sep 23 j 12:37	9° P 32'00	
asc. node	-3988 Nov 13 j 05:59	8° M 13'31				-3987 Oct 06 j 23:21	0° A	
evening set	-3988 Nov 16 j 08:28	7° M 10'56		greatest brilliancy		-3987 Oct 07 j 03:31	0° A 15'26	-0.6m
inferior conj	-3988 Nov 22 j 00:20	1° M 18'45	2°41'57	evening max el		-3987 Oct 20 j 04:39	17° A 36'02	20°11'04
minimum elong	-3988 Nov 21 j 21:17	1° M 28'28	2°40'55	retrograde		-3987 Oct 27 j 22:52	22° A 09'20	
	-3988 Nov 23 j 01:03	30° R A		asc. node		-3987 Oct 31 j 03:07	21° A 10'46	
min. Earth dist.	-3988 Nov 23 j 08:15	29° A 37'17	0.65841 AU	evening set		-3987 Oct 31 j 14:27	20° A 51'58	
morning rise	-3988 Nov 27 j 09:50	25° A 07'52		inferior conj		-3987 Nov 06 j 01:53	14° A 48'06	1°56'23
direct	-3988 Dec 03 j 17:47	22° A 22'32		minimum elong		-3987 Nov 05 j 23:26	14° A 56'17	1°55'27
morning max el	-3988 Dec 16 j 09:06	29° A 47'16	26°15'26	min. Earth dist.		-3987 Nov 06 j 21:24	13° A 42'51	0.66689 AU
	-3988 Dec 16 j 14:10	0° M		morning rise		-3987 Nov 11 j 08:13	8° A 33'32	
desc. node	-3988 Dec 25 j 17:54	10° M 44'12		direct		-3987 Nov 17 j 01:48	6° A 03'05	
	-3987 Jan 07 j 23:49	0° X		morning max el		-3987 Nov 28 j 17:57	12° A 59'43	24°59'31
morning set	-3987 Jan 21 j 12:29	23° X 20'27		desc. node		-3987 Dec 12 j 14:53	0° M 06'32	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3987 Dec 12 j 13:01	0°♌			-3986 Dec 06 j 03:32	0°♌	
	-3987 Dec 31 j 18:23	0°♌		morning set	-3986 Dec 16 j 06:26	16°♌22'42	
morning set	-3986 Jan 03 j 21:34	5°♌29'07		max. Earth dist.	-3986 Dec 20 j 10:27	23°♌33'00	1.39104 AU
max. Earth dist.	-3986 Jan 07 j 14:55	12°♌14'26	1.37076 AU		-3986 Dec 24 j 01:21	0°♌	
superior conj	-3986 Jan 13 j 23:03	24°♌19'56	-1°43'44	superior conj	-3986 Dec 27 j 22:12	7°♌07'15	-1°53'31
minimum elong	-3986 Jan 14 j 01:49	24°♌33'31	1°43'41	minimum elong	-3986 Dec 27 j 23:23	7°♌12'46	1°53'38
	-3986 Jan 16 j 19:43	0°♌		evening rise	-3985 Jan 06 j 02:00	24°♌42'05	
evening rise	-3986 Jan 22 j 06:42	10°♌58'23			-3985 Jan 08 j 20:01	0°♌	
asc. node	-3986 Jan 27 j 02:10	20°♌23'03		asc. node	-3985 Jan 13 j 23:14	9°♌22'23	
	-3986 Feb 01 j 14:51	0°♌		evening max el	-3985 Jan 22 j 11:16	21°♌05'35	18°41'12
evening max el	-3986 Feb 08 j 11:09	8°♌41'59	19°27'44	retrograde	-3985 Jan 30 j 09:22	24°♌55'51	
retrograde	-3986 Feb 17 j 17:21	13°♌05'53		evening set	-3985 Feb 01 j 20:42	24°♌34'51	
evening set	-3986 Feb 20 j 01:23	12°♌50'23		inferior conj	-3985 Feb 09 j 11:59	20°♌10'09	3°36'10
inferior conj	-3986 Feb 28 j 09:50	8°♌43'53	2°35'52	minimum elong	-3985 Feb 09 j 15:39	20°♌03'11	3°35'26
minimum elong	-3986 Feb 28 j 14:51	8°♌35'41	2°34'24	min. Earth dist.	-3985 Feb 12 j 20:09	17°♌39'37	0.58104 AU
min. Earth dist.	-3986 Mar 03 j 03:31	6°♌57'14	0.56417 AU	morning rise	-3985 Feb 17 j 08:10	14°♌55'05	
morning rise	-3986 Mar 09 j 01:40	3°♌56'18		direct	-3985 Feb 23 j 03:42	13°♌31'26	
desc. node	-3986 Mar 10 j 14:02	3°♌30'00		desc. node	-3985 Feb 25 j 11:09	13°♌44'35	
direct	-3986 Mar 13 j 16:01	3°♌08'06		morning max el	-3985 Mar 09 j 09:51	20°♌59'47	26°13'53
morning max el	-3986 Mar 27 j 17:54	10°♌17'02	24°46'55		-3985 Mar 17 j 05:11	0°♌	
	-3986 Apr 11 j 13:14	0°♌			-3985 Apr 04 j 02:47	0°♌	
morning set	-3986 Apr 22 j 13:58	21°♌02'24		morning set	-3985 Apr 07 j 01:29	6°♌02'55	
asc. node	-3986 Apr 25 j 01:44	26°♌20'17		asc. node	-3985 Apr 11 j 22:43	16°♌31'48	
	-3986 Apr 26 j 18:25	0°♌					
superior conj	-3986 Apr 29 j 14:31	6°♌09'42	0°45'38	superior conj	-3985 Apr 14 j 01:49	21°♌11'03	0°22'05
minimum elong	-3986 Apr 29 j 12:38	5°♌59'30	0°45'16	minimum elong	-3985 Apr 14 j 00:51	21°♌05'47	0°21'50
max. Earth dist.	-3986 Apr 30 j 23:08	9°♌06'04	1.33109 AU	max. Earth dist.	-3985 Apr 14 j 11:19	22°♌02'59	1.32674 AU
evening rise	-3986 May 06 j 21:09	21°♌33'12			-3985 Apr 18 j 03:14	0°♌	
	-3986 May 11 j 03:41	0°♌		evening rise	-3985 Apr 21 j 03:04	6°♌19'31	
	-3986 May 29 j 12:37	0°♌			-3985 May 03 j 18:02	0°♌	
desc. node	-3986 Jun 06 j 12:43	9°♌35'33		evening max el	-3985 May 21 j 12:30	23°♌36'52	26°50'44
evening max el	-3986 Jun 08 j 08:13	11°♌24'10	27°22'06	desc. node	-3985 May 24 j 09:51	26°♌09'31	
retrograde	-3986 Jun 22 j 04:19	18°♌47'59			-3985 May 30 j 18:17	0°♌	
evening set	-3986 Jun 29 j 07:08	16°♌19'11		retrograde	-3985 Jun 04 j 12:55	0°♌57'05	
min. Earth dist.	-3986 Jul 02 j 21:09	13°♌22'10	0.62572 AU		-3985 Jun 09 j 04:11	30°♌	
inferior conj	-3986 Jul 05 j 19:16	10°♌33'19	-4°03'17	evening set	-3985 Jun 11 j 05:58	28°♌58'12	
minimum elong	-3986 Jul 05 j 22:12	10°♌26'12	4°02'43	min. Earth dist.	-3985 Jun 15 j 02:01	26°♌15'42	0.60612 AU
morning rise	-3986 Jul 12 j 14:29	5°♌26'59		inferior conj	-3985 Jun 18 j 09:28	23°♌28'10	-4°18'43
direct	-3986 Jul 15 j 04:52	4°♌56'04		minimum elong	-3985 Jun 18 j 10:12	23°♌26'36	4°18'34
morning max el	-3986 Jul 21 j 21:10	8°♌20'25	17°56'26	morning rise	-3985 Jun 25 j 16:17	18°♌42'56	
asc. node	-3986 Jul 22 j 01:14	8°♌30'32		direct	-3985 Jun 28 j 05:08	18°♌17'44	
	-3986 Aug 05 j 01:50	0°♌		morning max el	-3985 Jul 05 j 09:31	21°♌48'37	18°08'00
morning set	-3986 Aug 07 j 07:01	3°♌57'04		asc. node	-3985 Jul 08 j 22:17	25°♌54'22	
					-3985 Jul 11 j 17:32	0°♌	
superior conj	-3986 Aug 18 j 15:36	23°♌48'58	1°25'15	morning set	-3985 Jul 21 j 09:37	17°♌07'02	
minimum elong	-3986 Aug 18 j 20:53	24°♌11'18	1°24'54		-3985 Jul 28 j 08:32	0°♌	
	-3986 Aug 22 j 08:08	0°♌		superior conj	-3985 Jul 31 j 07:25	5°♌19'50	1°43'28
max. Earth dist.	-3986 Aug 25 j 12:47	5°♌14'36	1.43086 AU	minimum elong	-3985 Jul 31 j 10:12	5°♌32'13	1°43'29
evening rise	-3986 Sep 02 j 16:51	18°♌14'46		max. Earth dist.	-3985 Aug 07 j 20:50	18°♌26'21	1.41420 AU
desc. node	-3986 Sep 02 j 12:01	17°♌55'52		evening rise	-3985 Aug 13 j 09:45	27°♌33'54	
	-3986 Sep 10 j 08:49	0°♌			-3985 Aug 14 j 22:09	0°♌	
	-3986 Oct 02 j 03:52	0°♌		desc. node	-3985 Aug 20 j 09:00	8°♌32'30	
evening max el	-3986 Oct 03 j 03:35	1°♌02'26	21°19'23		-3985 Sep 04 j 01:44	0°♌	
retrograde	-3986 Oct 11 j 19:37	6°♌10'44		evening max el	-3985 Sep 15 j 20:32	14°♌28'10	22°36'43
evening set	-3986 Oct 15 j 22:14	4°♌36'08		retrograde	-3985 Sep 25 j 14:16	20°♌14'50	
asc. node	-3986 Oct 18 j 00:14	2°♌36'41		evening set	-3985 Sep 30 j 06:00	18°♌21'00	
	-3986 Oct 20 j 02:39	30°♌		asc. node	-3985 Oct 04 j 21:21	12°♌59'09	
inferior conj	-3986 Oct 21 j 06:53	28°♌23'58	1°06'22	inferior conj	-3985 Oct 05 j 13:24	12°♌03'52	0°13'45
minimum elong	-3986 Oct 21 j 05:24	28°♌29'05	1°05'47	minimum elong	-3985 Oct 05 j 13:05	12°♌04'58	0°13'40
min. Earth dist.	-3986 Oct 21 j 15:19	27°♌55'03	0.67213 AU	transit middle	-3985 Oct 05 j 13:05	12°♌04'58	0°13'40
morning rise	-3986 Oct 26 j 12:23	22°♌08'32		transit begin	-3985 Oct 05 j 11:35	12°♌10'06	
direct	-3986 Oct 31 j 14:46	19°♌58'07		transit end	-3985 Oct 05 j 14:34	11°♌59'51	
morning max el	-3986 Nov 11 j 02:58	26°♌14'42	23°34'11	min. Earth dist.	-3985 Oct 05 j 11:26	12°♌10'39	0.67426 AU
	-3986 Nov 14 j 13:39	0°♌		morning rise	-3985 Oct 10 j 20:02	5°♌50'27	
desc. node	-3986 Nov 29 j 11:53	19°♌58'02		direct	-3985 Oct 15 j 07:45	4°♌01'45	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning max el	-3985 Oct 24 j 15:20	9° \mathbb{M} 33'50	22°08'41	asc. node	-3984 Sep 20 j 18:28	23° Ω 11'40	
	-3985 Nov 09 j 11:50	0° $\underline{\Omega}$		morning rise	-3984 Sep 24 j 05:16	19° Ω 37'57	
desc. node	-3985 Nov 16 j 08:51	10° $\underline{\Omega}$ 10'01		direct	-3984 Sep 28 j 03:48	18° Ω 09'53	
morning set	-3985 Nov 26 j 10:42	25° $\underline{\Omega}$ 52'42		morning max el	-3984 Oct 06 j 09:57	23° Ω 00'38	20°50'10
	-3985 Nov 28 j 23:40	0° \mathbb{M}			-3984 Oct 12 j 07:45	0° \mathbb{M}	
max. Earth dist.	-3985 Dec 02 j 09:21	5° \mathbb{M} 38'12	1.41151 AU		-3984 Nov 01 j 20:26	0° $\underline{\Omega}$	
				desc. node	-3984 Nov 02 j 05:47	0° $\underline{\Omega}$ 36'02	
superior conj	-3985 Dec 10 j 02:39	18° \mathbb{M} 57'03	-1°53'01	morning set	-3984 Nov 04 j 14:56	4° $\underline{\Omega}$ 17'39	
minimum elong	-3985 Dec 10 j 00:48	18° \mathbb{M} 48'50	1°53'06	max. Earth dist.	-3984 Nov 13 j 15:16	18° $\underline{\Omega}$ 36'42	1.42926 AU
	-3985 Dec 16 j 05:09	0° \mathbb{M}					
evening rise	-3985 Dec 20 j 10:42	7° \mathbb{M} 51'07		superior conj	-3984 Nov 20 j 06:37	29° $\underline{\Omega}$ 34'26	-1°38'27
asc. node	-3985 Dec 31 j 20:17	27° \mathbb{M} 46'28		minimum elong	-3984 Nov 20 j 01:04	29° $\underline{\Omega}$ 11'08	1°38'06
	-3984 Jan 02 j 09:59	0° \mathbb{M}			-3984 Nov 20 j 12:41	0° \mathbb{M}	
evening max el	-3984 Jan 05 j 18:26	3° \mathbb{M} 55'37	18°14'45	evening rise	-3984 Dec 02 j 04:52	20° \mathbb{M} 16'24	
retrograde	-3984 Jan 12 j 19:49	7° \mathbb{M} 28'04			-3984 Dec 07 j 16:55	0° \mathbb{M}	
evening set	-3984 Jan 15 j 10:09	7° \mathbb{M} 00'16		asc. node	-3984 Dec 17 j 17:22	15° \mathbb{M} 23'54	
inferior conj	-3984 Jan 22 j 10:24	2° \mathbb{M} 13'55	4°01'10	evening max el	-3984 Dec 19 j 05:43	17° \mathbb{M} 03'06	18°08'04
minimum elong	-3984 Jan 22 j 11:16	2° \mathbb{M} 11'59	4°00'58	retrograde	-3984 Dec 25 j 20:50	20° \mathbb{M} 31'19	
	-3984 Jan 24 j 23:13	30° \mathbb{M} 4		evening set	-3984 Dec 28 j 14:07	19° \mathbb{M} 55'49	
min. Earth dist.	-3984 Jan 25 j 17:28	29° \mathbb{M} 21'16	0.60085 AU	inferior conj	-3983 Jan 04 j 02:14	14° \mathbb{M} 48'14	3°59'15
morning rise	-3984 Jan 29 j 10:44	26° \mathbb{M} 38'17		minimum elong	-3983 Jan 04 j 00:45	14° \mathbb{M} 51'57	3°58'58
direct	-3984 Feb 05 j 02:50	24° \mathbb{M} 36'07		min. Earth dist.	-3983 Jan 06 j 22:54	11° \mathbb{M} 56'33	0.62051 AU
desc. node	-3984 Feb 12 j 08:16	26° \mathbb{M} 46'30		morning rise	-3983 Jan 10 j 10:22	8° \mathbb{M} 58'10	
	-3984 Feb 16 j 20:23	0° \mathbb{M}		direct	-3983 Jan 17 j 11:24	6° \mathbb{M} 25'22	
morning max el	-3984 Feb 19 j 07:15	2° \mathbb{M} 14'19	27°15'08	desc. node	-3983 Jan 29 j 05:20	12° \mathbb{M} 04'52	
	-3984 Mar 10 j 11:15	0° \approx		morning max el	-3983 Jan 31 j 10:58	14° \mathbb{M} 09'10	27°41'49
morning set	-3984 Mar 21 j 10:35	20° \approx 55'11			-3983 Feb 13 j 07:19	0° \mathbb{M}	
	-3984 Mar 25 j 17:14	0° \mathbb{M}			-3983 Mar 02 j 20:59	0° \approx	
max. Earth dist.	-3984 Mar 28 j 00:53	5° \mathbb{M} 02'53	1.32575 AU	morning set	-3983 Mar 05 j 15:08	5° \approx 30'41	
				max. Earth dist.	-3983 Mar 11 j 11:45	17° \approx 49'52	1.32821 AU
superior conj	-3984 Mar 28 j 13:32	6° \mathbb{M} 12'06	-0°02'43				
minimum elong	-3984 Mar 28 j 13:40	6° \mathbb{M} 12'46	0°02'45	superior conj	-3983 Mar 12 j 23:58	21° \approx 05'45	-0°27'51
behind sun begin	-3984 Mar 28 j 08:43	5° \mathbb{M} 45'41		minimum elong	-3983 Mar 13 j 01:13	21° \approx 12'32	0°27'41
behind sun end	-3984 Mar 28 j 18:37	6° \mathbb{M} 39'51		asc. node	-3983 Mar 15 j 16:43	26° \approx 57'39	
asc. node	-3984 Mar 28 j 19:44	6° \mathbb{M} 46'00			-3983 Mar 17 j 02:22	0° \mathbb{M}	
evening rise	-3984 Apr 04 j 12:46	21° \mathbb{M} 15'34		evening rise	-3983 Mar 20 j 00:11	6° \mathbb{M} 13'03	
	-3984 Apr 08 j 19:48	0° \mathbb{Y}			-3983 Apr 01 j 16:25	0° \mathbb{Y}	
	-3984 Apr 27 j 16:24	0° \mathbb{B}		evening max el	-3983 Apr 14 j 02:58	16° \mathbb{Y} 01'20	24°23'37
evening max el	-3984 May 02 j 10:22	5° \mathbb{B} 06'54	25°48'25	desc. node	-3983 Apr 27 j 04:04	23° \mathbb{Y} 00'06	
desc. node	-3984 May 10 j 06:56	10° \mathbb{B} 50'08		retrograde	-3983 Apr 28 j 00:42	23° \mathbb{Y} 01'48	
retrograde	-3984 May 16 j 12:19	12° \mathbb{B} 21'18		evening set	-3983 May 02 j 12:43	22° \mathbb{Y} 16'14	
evening set	-3984 May 22 j 07:35	11° \mathbb{B} 00'19		min. Earth dist.	-3983 May 08 j 14:49	19° \mathbb{Y} 14'16	0.56774 AU
min. Earth dist.	-3984 May 26 j 22:47	8° \mathbb{B} 15'36	0.58583 AU	inferior conj	-3983 May 11 j 07:07	17° \mathbb{Y} 31'59	-3°25'11
inferior conj	-3984 May 30 j 06:18	5° \mathbb{B} 50'33	-4°09'25	minimum elong	-3983 May 11 j 01:31	17° \mathbb{Y} 40'58	3°23'56
minimum elong	-3984 May 30 j 03:37	5° \mathbb{B} 55'29	4°09'05	morning rise	-3983 May 19 j 17:28	13° \mathbb{Y} 26'51	
morning rise	-3984 Jun 07 j 02:19	1° \mathbb{B} 27'07		direct	-3983 May 22 j 04:52	13° \mathbb{Y} 10'10	
direct	-3984 Jun 09 j 14:24	1° \mathbb{B} 06'37		morning max el	-3983 May 31 j 15:42	17° \mathbb{Y} 33'29	19°31'27
morning max el	-3984 Jun 17 j 16:37	4° \mathbb{B} 56'11	18°39'29		-3983 Jun 09 j 22:37	0° \mathbb{B}	
asc. node	-3984 Jun 24 j 19:20	14° \mathbb{B} 09'06		asc. node	-3983 Jun 11 j 16:21	3° \mathbb{B} 02'24	
	-3984 Jul 03 j 13:13	0° \mathbb{I}		morning set	-3983 Jun 18 j 00:30	15° \mathbb{B} 12'11	
morning set	-3984 Jul 04 j 00:37	0° \mathbb{I} 55'10			-3983 Jun 25 j 09:47	0° \mathbb{I}	
superior conj	-3984 Jul 12 j 21:16	17° \mathbb{I} 57'53	1°49'11	superior conj	-3983 Jun 26 j 03:26	1° \mathbb{I} 26'58	1°45'17
minimum elong	-3984 Jul 12 j 21:27	17° \mathbb{I} 58'45	1°49'21	minimum elong	-3983 Jun 26 j 01:49	1° \mathbb{I} 19'02	1°45'22
	-3984 Jul 19 j 11:32	0° \mathbb{B}		max. Earth dist.	-3983 Jul 02 j 01:52	12° \mathbb{I} 48'23	1.37572 AU
max. Earth dist.	-3984 Jul 19 j 23:54	0° \mathbb{B} 54'35	1.39497 AU	evening rise	-3983 Jul 05 j 22:32	19° \mathbb{I} 49'58	
evening rise	-3984 Jul 24 j 03:21	8° \mathbb{B} 03'58			-3983 Jul 11 j 20:01	0° \mathbb{B}	
desc. node	-3984 Aug 06 j 05:58	28° \mathbb{B} 59'00		desc. node	-3983 Jul 24 j 02:57	19° \mathbb{B} 10'20	
	-3984 Aug 06 j 22:15	0° Ω			-3983 Jul 31 j 23:29	0° Ω	
evening max el	-3984 Aug 28 j 09:00	27° Ω 54'50	23°57'30	evening max el	-3983 Aug 10 j 19:37	11° Ω 24'40	25°14'40
	-3984 Aug 30 j 14:21	0° \mathbb{M}		retrograde	-3983 Aug 22 j 17:05	18° Ω 18'54	
retrograde	-3984 Sep 08 j 05:40	4° \mathbb{M} 18'50		evening set	-3983 Aug 28 j 14:20	15° Ω 47'38	
evening set	-3984 Sep 13 j 11:58	2° \mathbb{M} 05'14		min. Earth dist.	-3983 Sep 02 j 00:52	10° Ω 46'31	0.66935 AU
	-3984 Sep 15 j 13:16	30° \mathbb{M} 4		inferior conj	-3983 Sep 03 j 00:06	9° Ω 30'29	-1°32'41
inferior conj	-3984 Sep 18 j 19:42	25° Ω 46'25	-0°39'50	minimum elong	-3983 Sep 03 j 02:15	9° Ω 23'26	1°31'42
minimum elong	-3984 Sep 18 j 20:38	25° Ω 43'16	0°39'20	asc. node	-3983 Sep 07 j 15:34	4° Ω 12'53	
min. Earth dist.	-3984 Sep 18 j 07:24	26° Ω 28'12	0.67337 AU	morning rise	-3983 Sep 08 j 14:15	3° Ω 29'54	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

direct	-3983 Sep 12 j 01:42	2°Ω19'50		minimum elong	-3982 Aug 18 j 03:53	23°Ω03'17	2°21'48
morning max el	-3983 Sep 19 j 11:52	6°Ω36'28	19°43'29	morning rise	-3982 Aug 23 j 21:02	17°Ω23'29	
	-3983 Oct 06 j 10:18	0°൬		asc. node	-3982 Aug 25 j 12:40	16°Ω40'18	
morning set	-3983 Oct 14 j 14:10	12°൬35'23		direct	-3982 Aug 26 j 23:45	16°Ω28'05	
desc. node	-3983 Oct 20 j 02:41	21°൬11'43		morning max el	-3982 Sep 02 j 20:11	20°Ω18'59	18°51'35
	-3983 Oct 25 j 16:59	0°Ω			-3982 Sep 10 j 08:15	0°Ω	
max. Earth dist.	-3983 Oct 27 j 03:40	2°Ω17'33	1.44191 AU	morning set	-3982 Sep 24 j 06:45	21°Ω47'36	
					-3982 Sep 29 j 10:53	0°൬	
superior conj	-3983 Oct 31 j 06:59	8°Ω54'36	-1°07'09	desc. node	-3982 Oct 06 j 23:35	11°൬53'07	
minimum elong	-3983 Oct 31 j 00:07	8°Ω26'55	1°06'24				
	-3983 Nov 13 j 02:07	0°൬		superior conj	-3982 Oct 10 j 10:11	17°൬18'31	-0°21'43
evening rise	-3983 Nov 14 j 03:55	1°൬48'46		minimum elong	-3982 Oct 10 j 07:21	17°൬07'20	0°21'18
	-3983 Dec 02 j 10:00	0°✎		max. Earth dist.	-3982 Oct 09 j 20:21	16°൬24'01	1.44797 AU
evening max el	-3983 Dec 02 j 18:24	0°✎21'52	18°20'26		-3982 Oct 18 j 10:43	0°Ω	
asc. node	-3983 Dec 04 j 14:27	2°✎01'27		evening rise	-3982 Oct 26 j 03:23	12°Ω18'56	
retrograde	-3983 Dec 09 j 07:54	3°✎56'42			-3982 Nov 06 j 04:17	0°൬	
evening set	-3983 Dec 12 j 05:07	3°✎12'12		evening max el	-3982 Nov 16 j 05:51	13°൬46'14	18°50'45
	-3983 Dec 16 j 05:59	30°൬൬		asc. node	-3982 Nov 21 j 11:34	17°൬23'24	
inferior conj	-3983 Dec 18 j 07:42	27°൬45'22	3°38'35	retrograde	-3982 Nov 23 j 01:10	17°൬37'03	
minimum elong	-3983 Dec 18 j 04:54	27°൬53'13	3°37'56	evening set	-3982 Nov 26 j 03:57	16°൬41'37	
min. Earth dist.	-3983 Dec 20 j 14:10	25°൬13'01	0.63792 AU	inferior conj	-3982 Dec 01 j 23:12	10°൬58'01	3°05'13
morning rise	-3983 Dec 24 j 04:06	21°൬45'07		minimum elong	-3982 Dec 01 j 20:02	11°൬07'42	3°04'16
direct	-3983 Dec 31 j 03:57	18°൬56'00		min. Earth dist.	-3982 Dec 03 j 15:03	8°൬56'20	0.65201 AU
morning max el	-3982 Jan 13 j 18:59	26°൬39'59	27°32'19	morning rise	-3982 Dec 07 j 11:45	4°൬50'30	
desc. node	-3982 Jan 16 j 02:24	29°൬03'53		direct	-3982 Dec 14 j 03:01	2°൬00'04	
	-3982 Jan 16 j 22:45	0°✎		morning max el	-3982 Dec 27 j 04:29	9°൬34'55	26°50'51
	-3982 Feb 06 j 20:48	0°Ω		desc. node	-3981 Jan 02 j 23:25	17°൬13'51	
morning set	-3982 Feb 17 j 12:37	19°Ω40'52			-3981 Jan 12 j 08:10	0°✎	
max. Earth dist.	-3982 Feb 22 j 15:58	0°≈10'42	1.33454 AU		-3981 Jan 30 j 06:33	0°Ω	
	-3982 Feb 22 j 13:55	0°≈		morning set	-3981 Jan 31 j 23:41	3°Ω14'47	
				max. Earth dist.	-3981 Feb 05 j 09:58	11°Ω56'34	1.34515 AU
superior conj	-3982 Feb 25 j 07:23	5°≈46'17	-0°52'25				
minimum elong	-3982 Feb 25 j 09:39	5°≈58'23	0°52'08	superior conj	-3981 Feb 09 j 09:43	20°Ω06'47	-1°15'15
asc. node	-3982 Mar 02 j 13:42	17°≈02'59		minimum elong	-3981 Feb 09 j 12:42	20°Ω22'18	1°14'57
evening rise	-3982 Mar 04 j 11:36	21°≈05'48			-3981 Feb 14 j 02:46	0°≈	
	-3982 Mar 08 j 20:33	0°✎		evening rise	-3981 Feb 16 j 21:15	5°≈47'47	
evening max el	-3982 Mar 26 j 19:29	26°✎43'52	22°49'33	asc. node	-3981 Feb 17 j 10:44	6°≈57'33	
	-3982 Mar 30 j 18:49	0°൬			-3981 Mar 02 j 07:04	0°✎	
retrograde	-3982 Apr 09 j 00:31	3°൬12'50		evening max el	-3981 Mar 08 j 18:08	7°✎41'41	21°19'44
evening set	-3982 Apr 12 j 06:05	2°൬49'58		retrograde	-3981 Mar 20 j 14:47	13°✎22'41	
desc. node	-3982 Apr 14 j 01:13	2°൬18'43		evening set	-3981 Mar 23 j 02:32	13°✎08'32	
	-3982 Apr 19 j 00:26	30°൬✎		desc. node	-3981 Mar 31 j 22:22	9°✎24'13	
min. Earth dist.	-3982 Apr 20 j 05:19	29°✎19'13	0.55544 AU	inferior conj	-3981 Apr 01 j 09:12	9°✎08'58	-0°07'31
inferior conj	-3982 Apr 21 j 13:20	28°✎33'00	-2°00'39	minimum elong	-3981 Apr 01 j 08:50	9°✎09'28	0°07'28
minimum elong	-3982 Apr 21 j 08:18	28°✎40'16	1°59'05	transit middle	-3981 Apr 01 j 08:50	9°✎09'28	0°07'28
morning rise	-3982 Apr 30 j 12:41	24°✎35'46		transit begin	-3981 Apr 01 j 05:13	9°✎14'34	
direct	-3982 May 03 j 01:45	24°✎20'29		transit end	-3981 Apr 01 j 12:28	9°✎04'22	
morning max el	-3982 May 14 j 04:29	29°✎31'50	20°43'18	min. Earth dist.	-3981 Apr 01 j 19:29	8°✎54'28	0.55165 AU
	-3982 May 14 j 16:20	0°൬		morning rise	-3981 Apr 10 j 15:02	5°✎03'32	
asc. node	-3982 May 29 j 13:21	22°൬24'36		direct	-3981 Apr 13 j 14:15	4°✎44'14	
morning set	-3982 Jun 02 j 06:29	29°൬50'16		morning max el	-3981 Apr 26 j 06:25	10°✎48'43	22°12'08
	-3982 Jun 02 j 08:23	0°✎			-3981 May 10 j 03:29	0°൬	
				asc. node	-3981 May 16 j 10:21	12°൬08'28	
superior conj	-3982 Jun 09 j 21:12	15°✎32'54	1°34'18	morning set	-3981 May 17 j 16:24	14°൬43'27	
minimum elong	-3982 Jun 09 j 18:41	15°✎20'03	1°34'11				
max. Earth dist.	-3982 Jun 14 j 09:19	24°✎34'29	1.35872 AU	superior conj	-3981 May 24 j 23:04	0°✎05'18	1°18'11
	-3982 Jun 17 j 04:47	0°II		minimum elong	-3981 May 24 j 20:24	29°൬51'14	1°17'52
evening rise	-3982 Jun 18 j 14:45	2°II39'55			-3981 May 24 j 22:04	0°✎	
	-3982 Jul 04 j 19:16	0°Ω		max. Earth dist.	-3981 May 28 j 02:39	6°✎38'31	1.34514 AU
desc. node	-3982 Jul 10 j 23:59	8°Ω59'12		evening rise	-3981 Jun 01 j 22:41	16°✎19'02	
evening max el	-3982 Jul 24 j 06:33	24°Ω55'43	26°20'12		-3981 Jun 09 j 08:11	0°II	
	-3982 Jul 30 j 12:52	0°Ω		desc. node	-3981 Jun 27 j 21:05	28°II15'58	
retrograde	-3982 Aug 05 j 23:44	2°Ω09'01			-3981 Jun 29 j 06:02	0°Ω	
	-3982 Aug 11 j 17:46	30°൬Ω		evening max el	-3981 Jul 06 j 18:09	8°Ω20'55	27°05'58
evening set	-3982 Aug 12 j 10:58	29°Ω25'11		retrograde	-3981 Jul 20 j 01:05	15°Ω42'39	
min. Earth dist.	-3982 Aug 16 j 13:27	25°Ω01'59	0.66194 AU	evening set	-3981 Jul 26 j 23:23	12°Ω54'52	
inferior conj	-3982 Aug 18 j 00:43	23°Ω13'04	-2°23'04	min. Earth dist.	-3981 Jul 30 j 18:49	9°Ω09'31	0.65088 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

inferior conj	-3981 Aug 01 j 19:27	6°☿50'54	-3°08'43	inferior conj	-3980 Jul 15 j 05:37	20°♂17'35	-3°46'38
minimum elong	-3981 Aug 01 j 23:12	6°☿40'12	3°07'29	minimum elong	-3980 Jul 15 j 09:11	20°♂08'23	3°45'47
morning rise	-3981 Aug 07 j 23:27	1°☿15'41		morning rise	-3980 Jul 21 j 18:52	15°♂00'00	
direct	-3981 Aug 10 j 19:49	0°☿31'45		direct	-3980 Jul 24 j 10:58	14°♂24'53	
asc. node	-3981 Aug 12 j 09:44	0°☿45'12		asc. node	-3980 Jul 29 j 06:48	16°♂19'00	
morning max el	-3981 Aug 17 j 09:01	4°☿05'14	18°16'12	morning max el	-3980 Jul 30 j 23:52	17°♂49'38	17°58'23
	-3981 Sep 03 j 16:51	0°♂			-3980 Aug 08 j 18:39	0°☿	
morning set	-3981 Sep 05 j 02:39	2°♂20'02		morning set	-3980 Aug 16 j 23:59	14°☿04'58	
					-3980 Aug 26 j 07:14	0°♂	
superior conj	-3981 Sep 19 j 11:57	25°♂43'16	0°27'28	superior conj	-3980 Aug 29 j 09:10	5°♂07'19	1°08'13
minimum elong	-3981 Sep 19 j 15:18	25°♂56'36	0°27'09	minimum elong	-3980 Aug 29 j 14:58	5°♂31'16	1°07'42
	-3981 Sep 22 j 04:39	0°♂			-3980 Sep 04 j 06:59	14°♂43'55	1.43843 AU
max. Earth dist.	-3981 Sep 22 j 14:38	0°♂39'28	1.44677 AU	max. Earth dist.	-3980 Sep 09 j 17:32	23°♂21'40	
desc. node	-3981 Sep 23 j 20:33	2°♂37'33		desc. node	-3980 Sep 13 j 23:46	0°♂	
evening rise	-3981 Oct 06 j 02:19	21°♂47'11		evening rise	-3980 Sep 14 j 08:24	0°♂33'26	
	-3981 Oct 11 j 09:06	0°♂			-3980 Oct 04 j 02:48	0°♂	
greatest brilliancy	-3981 Oct 17 j 21:58	10°♂03'15	-0.7m		-3980 Oct 12 j 16:09	10°♂39'26	20°38'44
evening max el	-3981 Oct 30 j 13:44	27°♂12'55	19°37'30	evening max el	-3980 Oct 20 j 18:54	15°♂26'50	
	-3981 Nov 02 j 18:51	0°♂		retrograde	-3980 Oct 24 j 15:00	14°♂02'11	
retrograde	-3981 Nov 06 j 21:37	1°♂28'11		evening set	-3980 Oct 25 j 05:46	13°♂32'46	
asc. node	-3981 Nov 08 j 08:41	1°♂15'49		asc. node	-3980 Oct 30 j 01:02	7°♂54'13	1°35'35
evening set	-3981 Nov 10 j 08:00	0°♂19'23		inferior conj	-3980 Oct 29 j 22:58	8°♂01'15	1°34'46
	-3981 Nov 10 j 18:56	30°♂		minimum elong	-3980 Oct 30 j 15:36	7°♂04'49	0.66950 AU
inferior conj	-3981 Nov 15 j 21:47	24°♂21'57	2°23'15	min. Earth dist.	-3980 Nov 04 j 06:46	1°♂39'07	
minimum elong	-3981 Nov 15 j 18:56	24°♂31'14	2°22'14	morning rise	-3980 Nov 06 j 16:45	30°♂	
min. Earth dist.	-3981 Nov 17 j 00:13	22°♂55'54	0.66250 AU		-3980 Nov 09 j 17:49	29°♂17'05	
morning rise	-3981 Nov 21 j 05:39	18°♂09'27		direct	-3980 Nov 13 j 00:30	0°♂	
direct	-3981 Nov 27 j 07:48	15°♂29'35		morning max el	-3980 Nov 20 j 22:29	5°♂57'23	24°23'53
morning max el	-3981 Dec 09 j 13:41	22°♂43'10	25°44'54	desc. node	-3980 Dec 06 j 17:24	25°♂49'53	
	-3981 Dec 16 j 00:48	0°♂			-3980 Dec 09 j 14:15	0°♂	
desc. node	-3981 Dec 20 j 20:24	6°♂14'00		morning set	-3980 Dec 26 j 19:23	27°♂37'10	
	-3980 Jan 05 j 15:28	0°♂			-3980 Dec 28 j 03:59	0°♂	
morning set	-3980 Jan 14 j 19:49	15°♂58'36		max. Earth dist.	-3980 Dec 30 j 14:23	4°♂20'43	1.37917 AU
max. Earth dist.	-3980 Jan 18 j 16:27	23°♂11'57	1.36028 AU				
	-3980 Jan 22 j 04:25	0°♂		superior conj	-3979 Jan 06 j 11:48	17°♂12'53	-1°48'55
superior conj	-3980 Jan 24 j 04:19	3°♂58'45	-1°34'47	minimum elong	-3979 Jan 06 j 14:04	17°♂23'48	1°48'58
minimum elong	-3980 Jan 24 j 07:26	4°♂14'23	1°34'38		-3979 Jan 13 j 00:08	0°♂	
evening rise	-3980 Feb 01 j 03:11	20°♂12'15		evening rise	-3979 Jan 15 j 03:10	4°♂13'04	
asc. node	-3980 Feb 04 j 07:47	26°♂35'43		asc. node	-3979 Jan 21 j 04:51	15°♂51'26	
	-3980 Feb 06 j 02:09	0°♂			-3979 Jan 30 j 15:58	0°♂	
evening max el	-3980 Feb 19 j 02:32	19°♂10'26	20°03'25	evening max el	-3979 Jan 31 j 21:18	1°♂14'48	19°05'27
retrograde	-3980 Feb 29 j 06:50	24°♂00'20		retrograde	-3979 Feb 09 j 12:42	5°♂22'57	
evening set	-3980 Mar 02 j 14:12	23°♂46'32		evening set	-3979 Feb 11 j 21:59	5°♂05'22	
inferior conj	-3980 Mar 11 j 08:20	19°♂46'24	1°44'00	inferior conj	-3979 Feb 19 j 22:57	0°♂51'32	3°06'08
minimum elong	-3980 Mar 11 j 12:28	19°♂40'07	1°42'35	minimum elong	-3979 Feb 20 j 03:44	0°♂43'12	3°04'56
min. Earth dist.	-3980 Mar 13 j 09:32	18°♂32'01	0.55719 AU		-3979 Feb 21 j 04:29	30°♂	
desc. node	-3980 Mar 17 j 19:31	16°♂11'56		min. Earth dist.	-3979 Feb 23 j 00:44	28°♂44'13	0.57069 AU
morning rise	-3980 Mar 20 j 08:44	15°♂16'49		morning rise	-3979 Feb 28 j 06:51	25°♂51'29	
direct	-3980 Mar 24 j 06:13	14°♂43'28		desc. node	-3979 Mar 04 j 16:37	24°♂50'58	
morning max el	-3980 Apr 07 j 00:01	21°♂32'47	23°50'44	direct	-3979 Mar 05 j 09:53	24°♂49'44	
	-3980 Apr 14 j 07:10	0°♂			-3979 Mar 17 j 05:43	0°♂	
morning set	-3980 May 01 j 04:17	29°♂44'20		morning max el	-3979 Mar 19 j 15:01	2°♂08'26	25°26'21
	-3980 May 01 j 07:17	0°♂			-3979 Apr 08 j 05:17	0°♂	
asc. node	-3980 May 02 j 07:21	2°♂07'01		morning set	-3979 Apr 15 j 16:27	14°♂46'50	
				asc. node	-3979 Apr 19 j 04:23	22°♂15'10	
superior conj	-3980 May 08 j 06:13	14°♂54'27	0°58'19	superior conj	-3979 Apr 22 j 16:32	29°♂53'10	0°35'51
minimum elong	-3980 May 08 j 03:56	14°♂42'10	0°57'56	minimum elong	-3979 Apr 22 j 15:01	29°♂44'54	0°35'31
max. Earth dist.	-3980 May 10 j 05:34	19°♂07'40	1.33521 AU		-3979 Apr 22 j 17:47	0°♂	
	-3980 May 15 j 11:18	0°♂		max. Earth dist.	-3979 Apr 23 j 15:17	1°♂56'54	1.32882 AU
evening rise	-3980 May 15 j 17:44	0°♂32'22		evening rise	-3979 Apr 29 j 20:27	15°♂09'01	
	-3980 Jun 01 j 08:16	0°♂			-3979 May 07 j 11:53	0°♂	
desc. node	-3980 Jun 13 j 18:12	16°♂45'59			-3979 May 27 j 15:23	0°♂	
evening max el	-3980 Jun 18 j 04:40	21°♂26'52	27°25'02	evening max el	-3979 May 31 j 11:39	4°♂01'00	27°12'38
retrograde	-3980 Jul 01 j 20:34	28°♂50'32		desc. node	-3979 May 31 j 15:18	4°♂09'43	
evening set	-3980 Jul 09 j 00:20	26°♂10'34		retrograde	-3979 Jun 14 j 09:38	11°♂23'44	
min. Earth dist.	-3980 Jul 12 j 14:56	22°♂58'53	0.63599 AU				

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening set	-3979 Jun 21 j 09:57	9° Π 05'46		retrograde	-3978 May 27 j 15:03	23° \mathcal{B} 14'16	
min. Earth dist.	-3979 Jun 25 j 01:05	6° Π 17'12	0.61769 AU	evening set	-3978 Jun 03 j 00:08	21° \mathcal{B} 30'56	
inferior conj	-3979 Jun 28 j 04:06	3° Π 26'15	-4°12'13	min. Earth dist.	-3978 Jun 07 j 02:18	18° \mathcal{B} 49'29	0.59736 AU
minimum elong	-3979 Jun 28 j 06:17	3° Π 21'14	4°11'52	inferior conj	-3978 Jun 10 j 11:21	16° \mathcal{B} 08'30	-4°18'26
	-3979 Jul 02 j 07:40	30° \mathcal{R} 8		minimum elong	-3978 Jun 10 j 10:44	16° \mathcal{B} 09'44	4°18'19
morning rise	-3979 Jul 05 j 04:07	28° \mathcal{B} 29'01		morning rise	-3978 Jun 17 j 23:38	11° \mathcal{B} 32'51	
direct	-3979 Jul 07 j 17:44	28° \mathcal{B} 00'43		direct	-3978 Jun 20 j 11:57	11° \mathcal{B} 09'55	
	-3979 Jul 12 j 22:13	0° Π		morning max el	-3978 Jun 28 j 00:34	14° \mathcal{B} 47'20	18°18'54
morning max el	-3979 Jul 14 j 14:00	1° Π 26'10	17°58'58	asc. node	-3978 Jul 03 j 00:56	20° \mathcal{B} 54'33	
asc. node	-3979 Jul 16 j 03:53	3° Π 07'11			-3978 Jul 08 j 13:28	0° Π	
morning set	-3979 Jul 30 j 17:24	26° Π 47'30		morning set	-3978 Jul 14 j 01:49	10° Π 15'13	
	-3979 Aug 01 j 11:43	0° \mathcal{E}					
				superior conj	-3978 Jul 23 j 11:55	27° Π 55'27	1°47'14
superior conj	-3979 Aug 10 j 09:56	15° \mathcal{E} 53'26	1°34'41	minimum elong	-3978 Jul 23 j 13:31	28° Π 02'48	1°47'21
minimum elong	-3979 Aug 10 j 14:16	16° \mathcal{E} 12'12	1°34'30		-3978 Jul 24 j 15:20	0° \mathcal{E}	
max. Earth dist.	-3979 Aug 17 j 18:03	28° \mathcal{E} 17'16	1.42423 AU	max. Earth dist.	-3978 Jul 30 j 23:16	11° \mathcal{E} 08'57	1.40616 AU
	-3979 Aug 18 j 19:05	0° \mathcal{Q}		evening rise	-3978 Aug 04 j 18:26	19° \mathcal{E} 12'24	
evening rise	-3979 Aug 24 j 15:41	9° \mathcal{Q} 24'44			-3978 Aug 11 j 12:10	0° \mathcal{Q}	
desc. node	-3979 Aug 27 j 14:30	14° \mathcal{Q} 01'53		desc. node	-3978 Aug 14 j 11:28	4° \mathcal{Q} 34'57	
	-3979 Sep 07 j 04:23	0° \mathcal{M}			-3978 Sep 01 j 13:09	0° \mathcal{M}	
evening max el	-3979 Sep 25 j 12:16	24° \mathcal{M} 04'29	21°51'27	evening max el	-3978 Sep 08 j 03:01	7° \mathcal{M} 30'28	23°11'02
retrograde	-3979 Oct 04 j 15:02	29° \mathcal{M} 29'32		retrograde	-3978 Sep 18 j 08:32	13° \mathcal{M} 34'01	
evening set	-3979 Oct 08 j 22:59	27° \mathcal{M} 46'50		evening set	-3978 Sep 23 j 06:12	11° \mathcal{M} 31'55	
asc. node	-3979 Oct 12 j 02:53	24° \mathcal{M} 26'26		inferior conj	-3978 Sep 28 j 13:32	5° \mathcal{M} 13'32	-0°08'57
inferior conj	-3979 Oct 14 j 06:53	21° \mathcal{M} 31'51	0°44'15	minimum elong	-3978 Sep 28 j 13:45	5° \mathcal{M} 12'49	0°08'47
minimum elong	-3979 Oct 14 j 05:52	21° \mathcal{M} 35'21	0°43'51	transit middle	-3978 Sep 28 j 13:45	5° \mathcal{M} 12'49	0°08'47
min. Earth dist.	-3979 Oct 14 j 10:47	21° \mathcal{M} 18'24	0.67334 AU	transit begin	-3978 Sep 28 j 11:28	5° \mathcal{M} 20'39	
morning rise	-3979 Oct 19 j 12:37	15° \mathcal{M} 16'49		transit end	-3978 Sep 28 j 16:01	5° \mathcal{M} 04'59	
direct	-3979 Oct 24 j 08:30	13° \mathcal{M} 15'50		min. Earth dist.	-3978 Sep 28 j 07:16	5° \mathcal{M} 35'08	0.67424 AU
morning max el	-3979 Nov 03 j 08:39	19° \mathcal{M} 14'07	22°57'23	asc. node	-3978 Sep 28 j 23:59	4° \mathcal{M} 37'39	
	-3979 Nov 12 j 09:17	0° \mathcal{L}			-3978 Oct 02 j 18:54	30° \mathcal{R} 0	
desc. node	-3979 Nov 23 j 14:21	15° \mathcal{L} 50'34		morning rise	-3978 Oct 03 j 21:11	29° \mathcal{Q} 01'34	
	-3979 Dec 02 j 19:05	0° \mathcal{M}		direct	-3978 Oct 08 j 03:03	27° \mathcal{Q} 21'48	
morning set	-3979 Dec 07 j 16:17	7° \mathcal{M} 55'09			-3978 Oct 14 j 03:04	0° \mathcal{M}	
max. Earth dist.	-3979 Dec 12 j 10:24	15° \mathcal{M} 55'38	1.39985 AU	morning max el	-3978 Oct 16 j 23:20	2° \mathcal{M} 36'02	21°33'57
					-3978 Nov 06 j 09:39	0° \mathcal{L}	
superior conj	-3979 Dec 20 j 03:36	29° \mathcal{M} 36'41	-1°54'48	desc. node	-3978 Nov 10 j 11:17	6° \mathcal{L} 08'57	
minimum elong	-3979 Dec 20 j 03:39	29° \mathcal{M} 36'58	1°54'56	morning set	-3978 Nov 17 j 08:50	16° \mathcal{L} 52'19	
	-3979 Dec 20 j 08:41	0° \mathcal{X}		max. Earth dist.	-3978 Nov 24 j 11:27	28° \mathcal{L} 21'16	1.41957 AU
evening rise	-3979 Dec 29 j 18:21	17° \mathcal{X} 42'35			-3978 Nov 25 j 11:19	0° \mathcal{M}	
	-3978 Jan 05 j 08:51	0° \mathcal{Z}					
asc. node	-3978 Jan 08 j 01:53	4° \mathcal{Z} 36'39		superior conj	-3978 Dec 01 j 22:15	10° \mathcal{M} 56'52	-1°48'47
evening max el	-3978 Jan 15 j 00:40	13° \mathcal{Z} 49'56	18°27'30	minimum elong	-3978 Dec 01 j 18:47	10° \mathcal{M} 41'54	1°48'42
retrograde	-3978 Jan 22 j 12:49	17° \mathcal{Z} 31'02		evening rise	-3978 Dec 12 j 21:20	0° \mathcal{X} 33'21	
evening set	-3978 Jan 25 j 01:18	17° \mathcal{Z} 07'25			-3978 Dec 12 j 14:02	0° \mathcal{X}	
inferior conj	-3978 Feb 01 j 09:52	12° \mathcal{Z} 33'49	3°50'38	asc. node	-3978 Dec 25 j 22:56	22° \mathcal{X} 42'02	
minimum elong	-3978 Feb 01 j 12:23	12° \mathcal{Z} 28'44	3°50'13	evening max el	-3978 Dec 29 j 09:58	26° \mathcal{X} 48'11	18°09'34
min. Earth dist.	-3978 Feb 04 j 19:13	9° \mathcal{Z} 50'38	0.58925 AU		-3977 Jan 03 j 07:26	0° \mathcal{Z}	
morning rise	-3978 Feb 08 j 21:15	7° \mathcal{Z} 08'44		retrograde	-3977 Jan 05 j 05:44	0° \mathcal{Z} 17'01	
direct	-3978 Feb 15 j 02:47	5° \mathcal{Z} 28'12			-3977 Jan 07 j 04:39	30° \mathcal{R} 7	
desc. node	-3978 Feb 19 j 13:43	6° \mathcal{Z} 17'45		evening set	-3977 Jan 07 j 21:19	29° \mathcal{X} 46'03	
morning max el	-3978 Mar 01 j 09:03	13° \mathcal{Z} 02'29	26°43'48	inferior conj	-3977 Jan 14 j 16:06	24° \mathcal{X} 50'50	4°03'05
	-3978 Mar 14 j 18:53	0° \approx		minimum elong	-3977 Jan 14 j 15:51	24° \mathcal{X} 51'24	4°02'54
morning set	-3978 Mar 31 j 03:09	29° \approx 44'13		min. Earth dist.	-3977 Jan 17 j 19:42	21° \mathcal{X} 55'40	0.60943 AU
	-3978 Mar 31 j 06:11	0° \mathcal{H}		morning rise	-3977 Jan 21 j 09:00	19° \mathcal{X} 08'32	
asc. node	-3978 Apr 06 j 01:23	12° \mathcal{H} 28'02		direct	-3977 Jan 28 j 06:31	16° \mathcal{X} 51'25	
				desc. node	-3977 Feb 06 j 10:48	20° \mathcal{X} 21'26	
superior conj	-3978 Apr 07 j 04:12	14° \mathcal{H} 54'49	0°11'40	morning max el	-3977 Feb 11 j 09:00	24° \mathcal{X} 32'46	27°30'52
minimum elong	-3978 Apr 07 j 03:42	14° \mathcal{H} 51'59	0°11'31		-3977 Feb 16 j 09:08	0° \mathcal{Z}	
behind sun begin	-3978 Apr 07 j 00:15	14° \mathcal{H} 33'11			-3977 Mar 08 j 00:28	0° \approx	
behind sun end	-3978 Apr 07 j 07:08	15° \mathcal{H} 10'48		morning set	-3977 Mar 15 j 10:32	14° \approx 29'34	
max. Earth dist.	-3978 Apr 07 j 04:17	14° \mathcal{H} 55'14	1.32581 AU	max. Earth dist.	-3977 Mar 21 j 16:58	27° \approx 49'52	1.32629 AU
evening rise	-3978 Apr 14 j 04:11	29° \mathcal{H} 59'45					
	-3978 Apr 14 j 04:14	0° \mathcal{Y}		superior conj	-3977 Mar 22 j 15:34	29° \approx 53'04	-0°13'23
	-3978 Apr 30 j 18:07	0° \mathcal{B}		minimum elong	-3977 Mar 22 j 16:10	29° \approx 56'21	0°13'20
evening max el	-3978 May 13 j 13:07	15° \mathcal{B} 55'03	26°27'43	behind sun begin	-3977 Mar 22 j 13:27	29° \approx 41'29	
desc. node	-3978 May 18 j 12:24	19° \mathcal{B} 59'48		behind sun end	-3977 Mar 22 j 18:54	0° \mathcal{H} 11'14	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3977 Mar 22 j 16:50	0° H		superior conj	-3976 Mar 06 j 00:58	14° \approx 42'17	-0°38'24
asc. node	-3977 Mar 23 j 22:22	2° H 41'14		minimum elong	-3976 Mar 06 j 02:41	14° \approx 51'29	0°38'10
evening rise	-3977 Mar 29 j 14:49	14° H 56'48		asc. node	-3976 Mar 09 j 19:21	22° \approx 51'00	
	-3977 Apr 06 j 05:07	0° Y		evening rise	-3976 Mar 13 j 02:30	29° \approx 53'39	
evening max el	-3977 Apr 25 j 08:34	27° Y 08'24	25°14'34		-3976 Mar 13 j 03:42	0° H	
	-3977 Apr 28 j 16:05	0° B			-3976 Mar 30 j 04:06	0° Y	
desc. node	-3977 May 05 j 09:32	3° B 40'23		evening max el	-3976 Apr 06 j 00:32	7° Y 55'04	23°43'57
retrograde	-3977 May 09 j 10:06	4° B 18'15		retrograde	-3976 Apr 19 j 16:38	14° Y 43'46	
evening set	-3977 May 14 j 16:31	3° B 13'42		desc. node	-3976 Apr 21 j 06:39	14° Y 38'08	
min. Earth dist.	-3977 May 19 j 20:56	0° B 23'00	0.57757 AU	evening set	-3976 Apr 23 j 15:02	14° Y 09'41	
	-3977 May 20 j 10:39	30° R Y		min. Earth dist.	-3976 Apr 30 j 11:53	10° Y 57'10	0.56164 AU
inferior conj	-3977 May 22 j 23:52	28° Y 14'12	-3°55'34	inferior conj	-3976 May 02 j 16:19	9° Y 37'52	-2°54'08
minimum elong	-3977 May 22 j 19:43	28° Y 21'23	3°54'53	minimum elong	-3976 May 02 j 10:21	9° Y 46'55	2°52'33
morning rise	-3977 May 31 j 01:51	23° Y 58'56		morning rise	-3976 May 11 j 08:32	5° Y 37'41	
direct	-3977 Jun 02 j 13:30	23° Y 40'15		direct	-3976 May 13 j 20:23	5° Y 21'51	
morning max el	-3977 Jun 11 j 04:32	27° Y 42'48	18°59'04	morning max el	-3976 May 23 j 23:21	10° Y 03'55	19°59'40
	-3977 Jun 13 j 08:53	0° B		asc. node	-3976 Jun 05 j 19:00	28° Y 33'37	
asc. node	-3977 Jun 19 j 21:58	9° B 26'54			-3976 Jun 06 j 13:23	0° B	
morning set	-3977 Jun 27 j 21:02	24° B 16'44		morning set	-3976 Jun 10 j 23:51	8° B 43'47	
	-3977 Jun 30 j 18:40	0° II					
				superior conj	-3976 Jun 18 j 20:58	24° B 42'56	1°41'23
superior conj	-3977 Jul 06 j 09:21	10° II 56'49	1°48'32	minimum elong	-3976 Jun 18 j 18:53	24° B 32'26	1°41'22
minimum elong	-3977 Jul 06 j 08:39	10° II 53'30	1°48'42		-3976 Jun 21 j 13:06	0° II	
max. Earth dist.	-3977 Jul 13 j 01:14	23° II 20'27	1.38666 AU	max. Earth dist.	-3976 Jun 24 j 05:13	5° II 09'05	1.36817 AU
evening rise	-3977 Jul 16 j 23:22	0° B 16'03		evening rise	-3976 Jun 28 j 04:12	12° II 30'53	
	-3977 Jul 16 j 19:40	0° B			-3976 Jul 08 j 08:58	0° B	
desc. node	-3977 Aug 01 j 08:28	24° B 55'49		desc. node	-3976 Jul 18 j 05:30	14° B 58'32	
	-3977 Aug 04 j 20:00	0° O			-3976 Jul 29 j 19:47	0° O	
evening max el	-3977 Aug 21 j 14:35	20° O 59'13	24°31'14	evening max el	-3976 Aug 03 j 01:19	4° O 30'28	25°44'22
retrograde	-3977 Sep 01 j 22:14	27° O 36'43		retrograde	-3976 Aug 15 j 07:31	11° O 33'22	
evening set	-3977 Sep 07 j 10:51	25° O 15'30		evening set	-3976 Aug 21 j 11:04	8° O 55'56	
min. Earth dist.	-3977 Sep 12 j 02:32	19° O 53'15	0.67212 AU	min. Earth dist.	-3976 Aug 25 j 18:08	4° O 10'57	0.66672 AU
inferior conj	-3977 Sep 12 j 19:16	18° O 57'07	-1°02'24	inferior conj	-3976 Aug 26 j 22:19	2° O 40'47	-1°54'28
minimum elong	-3977 Sep 12 j 20:44	18° O 52'14	1°01'42	minimum elong	-3976 Aug 27 j 00:56	2° O 32'25	1°53'19
asc. node	-3977 Sep 15 j 21:06	15° O 04'37			-3976 Aug 29 j 02:22	30° R B	
morning rise	-3977 Sep 18 j 06:34	12° O 51'27		morning rise	-3976 Sep 01 j 14:54	26° B 44'37	
direct	-3977 Sep 22 j 00:13	11° O 31'12		asc. node	-3976 Sep 01 j 18:13	26° B 39'26	
morning max el	-3977 Sep 29 j 20:57	16° O 06'11	20°20'01	direct	-3976 Sep 04 j 22:27	25° B 41'06	
	-3977 Oct 10 j 16:33	0° P		morning max el	-3976 Sep 12 j 01:48	29° B 45'13	19°19'29
morning set	-3977 Oct 27 j 07:55	25° P 05'12			-3976 Sep 12 j 07:32	0° O	
desc. node	-3977 Oct 28 j 08:13	26° P 39'29			-3976 Oct 03 j 03:55	0° P	
	-3977 Oct 30 j 11:40	0° A		morning set	-3976 Oct 05 j 12:28	3° P 40'57	
max. Earth dist.	-3977 Nov 06 j 20:23	11° A 39'45	1.43545 AU	desc. node	-3976 Oct 14 j 05:08	17° P 18'02	
				max. Earth dist.	-3976 Oct 19 j 11:36	25° P 36'09	1.44543 AU
superior conj	-3977 Nov 12 j 14:32	21° A 01'24	-1°27'13	superior conj	-3976 Oct 22 j 04:18	29° P 52'38	-0°49'09
minimum elong	-3977 Nov 12 j 07:54	20° A 34'01	1°26'40	minimum elong	-3976 Oct 21 j 22:28	29° P 29'28	0°48'25
	-3977 Nov 17 j 23:37	0° M			-3976 Oct 22 j 06:09	0° A	
evening rise	-3977 Nov 25 j 07:55	12° M 37'02		evening rise	-3976 Nov 05 j 21:26	23° A 44'12	
	-3977 Dec 05 j 12:38	0° J			-3976 Nov 09 j 16:14	0° M	
asc. node	-3977 Dec 12 j 19:59	9° J 55'54		evening max el	-3976 Nov 25 j 10:43	23° M 23'13	18°31'10
evening max el	-3977 Dec 12 j 22:16	10° J 01'40	18°11'06	asc. node	-3976 Nov 28 j 17:05	26° M 03'19	
retrograde	-3977 Dec 19 j 11:31	13° J 31'05		retrograde	-3976 Dec 02 j 01:46	27° M 03'50	
evening set	-3977 Dec 22 j 06:27	12° J 51'48		evening set	-3976 Dec 05 j 01:11	26° M 14'49	
inferior conj	-3977 Dec 28 j 14:12	7° J 35'41	3°52'20	inferior conj	-3976 Dec 11 j 00:21	20° M 40'11	3°25'41
minimum elong	-3977 Dec 28 j 12:02	7° J 41'25	3°51'54	minimum elong	-3976 Dec 10 j 21:18	20° M 49'06	3°24'54
min. Earth dist.	-3977 Dec 31 j 05:00	4° J 50'38	0.62832 AU	min. Earth dist.	-3976 Dec 13 j 00:23	18° M 20'14	0.64434 AU
morning rise	-3976 Jan 03 j 16:51	1° J 41'12		morning rise	-3976 Dec 16 j 16:59	14° M 36'33	
	-3976 Jan 06 j 10:27	30° R M		direct	-3976 Dec 23 j 13:46	11° M 45'34	
direct	-3976 Jan 10 j 18:38	28° M 59'39		morning max el	-3975 Jan 05 j 23:48	19° M 26'30	27°18'19
	-3976 Jan 15 j 09:08	0° J		desc. node	-3975 Jan 10 j 04:53	23° M 58'58	
desc. node	-3976 Jan 24 j 07:51	6° J 26'48			-3975 Jan 15 j 01:37	0° J	
morning max el	-3976 Jan 24 j 14:41	6° J 43'29	27°42'05		-3975 Feb 03 j 08:58	0° B	
	-3976 Feb 11 j 10:04	0° B		morning set	-3975 Feb 10 j 05:56	12° B 51'36	
morning set	-3976 Feb 27 j 12:25	28° B 55'33		max. Earth dist.	-3975 Feb 15 j 02:07	22° B 35'47	1.33854 AU
	-3976 Feb 28 j 01:10	0° \approx					
max. Earth dist.	-3976 Mar 04 j 01:35	10° \approx 27'55	1.33042 AU	superior conj	-3975 Feb 18 j 06:29	29° B 14'49	-1°02'23

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-3975 Feb 18 j 09:06	29° Z 28'41	1°02'05	max. Earth dist.	-3974 Jan 28 j 15:16	4° Z 07'27	1.35108 AU
	-3975 Feb 18 j 15:01	0° \approx					
asc. node	-3975 Feb 24 j 16:21	12° \approx 52'12		superior conj	-3974 Feb 02 j 05:51	13° Z 23'58	-1°24'03
evening rise	-3975 Feb 25 j 13:23	14° \approx 42'34		minimum elong	-3974 Feb 02 j 08:59	13° Z 40'01	1°23'48
	-3975 Mar 05 j 08:28	0° X		evening rise	-3974 Feb 09 j 21:42	29° Z 17'39	
evening max el	-3975 Mar 18 j 18:46	18° X 40'03	22°10'05		-3974 Feb 10 j 05:57	0° \approx	
retrograde	-3975 Mar 31 j 11:34	24° X 50'29		asc. node	-3974 Feb 11 j 13:22	2° \approx 40'14	
evening set	-3975 Apr 03 j 07:52	24° X 32'33		evening max el	-3974 Feb 28 j 21:11	29° \approx 49'05	20°45'09
desc. node	-3975 Apr 08 j 03:49	22° X 50'22			-3974 Mar 01 j 01:49	0° X	
min. Earth dist.	-3975 Apr 12 j 01:47	20° X 45'28	0.55271 AU	retrograde	-3974 Mar 12 j 01:20	5° X 08'21	
inferior conj	-3975 Apr 12 j 16:35	20° X 24'35	-1°14'37	evening set	-3974 Mar 14 j 09:38	4° X 55'11	
minimum elong	-3975 Apr 12 j 13:12	20° X 29'22	1°13'31	inferior conj	-3974 Mar 23 j 12:01	0° X 57'16	0°42'01
morning rise	-3975 Apr 21 j 19:57	16° X 26'33		minimum elong	-3974 Mar 23 j 13:54	0° X 54'33	0°41'16
direct	-3975 Apr 24 j 11:56	16° X 10'30		min. Earth dist.	-3974 Mar 24 j 16:02	0° X 16'53	0.55288 AU
morning max el	-3975 May 06 j 07:27	21° X 43'57	21°19'26		-3974 Mar 25 j 03:51	30° R \approx	
	-3975 May 13 j 06:34	0° Y		desc. node	-3974 Mar 26 j 00:57	29° \approx 30'25	
asc. node	-3975 May 23 j 16:01	18° Y 05'35		morning rise	-3974 Apr 01 j 17:06	26° \approx 42'49	
morning set	-3975 May 26 j 07:44	23° Y 28'47		direct	-3974 Apr 05 j 00:02	26° \approx 19'15	
	-3975 May 29 j 10:54	0° Z			-3974 Apr 14 j 22:36	0° X	
superior conj	-3975 Jun 02 j 18:34	9° Z 01'02	1°28'01	morning max el	-3974 Apr 18 j 05:26	2° X 45'01	22°53'36
minimum elong	-3975 Jun 02 j 15:54	8° Z 47'16	1°27'48		-3974 May 06 j 14:58	0° Y	
max. Earth dist.	-3975 Jun 06 j 16:36	17° Z 00'12	1.35245 AU	morning set	-3974 May 10 j 18:38	8° Y 25'21	
evening rise	-3975 Jun 11 j 03:39	25° Z 42'48		asc. node	-3974 May 10 j 13:00	7° Y 55'59	
	-3975 Jun 13 j 10:32	0° II		superior conj	-3974 May 17 j 22:56	23° Y 41'14	1°10'08
	-3975 Jul 01 j 19:07	0° E		minimum elong	-3974 May 17 j 20:22	23° Y 27'36	1°09'47
desc. node	-3975 Jul 05 j 02:35	4° E 35'04		max. Earth dist.	-3974 May 20 j 13:51	29° Y 12'50	1.34039 AU
evening max el	-3975 Jul 16 j 12:27	17° E 59'30	26°42'28		-3974 May 20 j 22:54	0° Z	
retrograde	-3975 Jul 29 j 12:01	25° E 17'44		evening rise	-3974 May 25 j 16:44	9° Z 37'26	
evening set	-3975 Aug 05 j 04:36	22° E 30'37			-3974 Jun 05 j 20:41	0° II	
min. Earth dist.	-3975 Aug 09 j 03:47	18° E 24'04	0.65770 AU	desc. node	-3974 Jun 21 j 23:41	23° II 33'48	
inferior conj	-3975 Aug 10 j 20:43	16° E 21'40	-2°43'10		-3974 Jun 27 j 16:30	0° E	
minimum elong	-3975 Aug 11 j 00:12	16° E 11'14	2°41'52	evening max el	-3974 Jun 28 j 23:36	1° E 17'03	27°17'46
morning rise	-3975 Aug 16 j 20:08	10° E 38'08		retrograde	-3974 Jul 12 j 11:10	8° E 41'14	
direct	-3975 Aug 19 j 19:51	9° E 48'04		evening set	-3974 Jul 19 j 12:35	5° E 54'56	
asc. node	-3975 Aug 19 j 15:20	9° E 48'16		min. Earth dist.	-3974 Jul 23 j 05:25	2° E 24'49	0.64490 AU
morning max el	-3975 Aug 26 j 12:26	13° E 30'26	18°34'32		-3974 Jul 25 j 10:19	30° R II	
	-3975 Sep 07 j 08:03	0° O		inferior conj	-3974 Jul 25 j 12:07	29° II 55'05	-3°26'02
morning set	-3975 Sep 15 j 16:25	13° O 27'09		minimum elong	-3974 Jul 25 j 15:55	29° II 44'40	3°24'56
	-3975 Sep 26 j 00:19	0° P		morning rise	-3974 Jul 31 j 19:53	24° II 27'07	
				direct	-3974 Aug 03 j 14:03	23° II 47'25	
superior conj	-3975 Oct 01 j 04:04	8° P 09'15	-0°00'32	asc. node	-3974 Aug 06 j 12:26	24° II 32'03	
minimum elong	-3975 Oct 01 j 04:00	8° P 08'59	0°00'26	morning max el	-3974 Aug 10 j 02:28	27° II 16'27	18°06'27
behind sun begin	-3975 Sep 30 j 16:39	7° P 24'14			-3974 Aug 12 j 12:07	0° E	
behind sun end	-3975 Oct 01 j 15:21	8° P 53'43		morning set	-3974 Aug 27 j 23:37	24° E 31'24	
desc. node	-3975 Oct 01 j 02:06	8° P 01'27			-3974 Aug 31 j 05:39	0° O	
max. Earth dist.	-3975 Oct 02 j 05:35	9° P 49'46	1.44832 AU	superior conj	-3974 Sep 10 j 12:09	16° O 53'51	0°46'18
	-3975 Oct 15 j 00:43	0° Q		minimum elong	-3974 Sep 10 j 17:09	17° O 14'00	0°45'48
evening rise	-3975 Oct 17 j 10:23	3° Q 48'12		max. Earth dist.	-3974 Sep 14 j 22:47	24° O 00'25	1.44396 AU
greatest brilliancy	-3975 Oct 26 j 01:37	17° Q 27'46	-0.8m	desc. node	-3974 Sep 17 j 23:04	28° O 46'07	
	-3975 Nov 03 j 09:12	0° M			-3974 Sep 18 j 17:51	0° P	
evening max el	-3975 Nov 08 j 20:53	6° M 49'03	19°08'38	evening rise	-3974 Sep 27 j 00:25	12° P 53'43	
retrograde	-3975 Nov 15 j 20:54	10° M 49'40			-3974 Oct 08 j 04:25	0° Q	
asc. node	-3975 Nov 15 j 14:12	10° M 49'14		greatest brilliancy	-3974 Oct 10 j 13:07	3° Q 32'21	-0.6m
evening set	-3975 Nov 19 j 02:34	9° M 48'58		evening max el	-3974 Oct 23 j 02:35	20° Q 15'43	20°01'55
inferior conj	-3975 Nov 24 j 19:15	3° M 58'53	2°48'18	retrograde	-3974 Oct 30 j 17:57	24° Q 44'06	
minimum elong	-3975 Nov 24 j 16:09	4° M 08'41	2°47'17	asc. node	-3974 Nov 02 j 11:20	24° Q 01'01	
min. Earth dist.	-3975 Nov 26 j 05:11	2° M 12'00	0.65688 AU	evening set	-3974 Nov 03 j 08:06	23° Q 29'05	
	-3975 Nov 28 j 01:24	30° R Q		inferior conj	-3974 Nov 08 j 20:07	17° Q 26'52	2°03'38
morning rise	-3975 Nov 30 j 05:27	27° Q 48'41		minimum elong	-3974 Nov 08 j 17:32	17° Q 35'24	2°02'40
direct	-3975 Dec 06 j 15:23	25° Q 01'39		min. Earth dist.	-3974 Nov 09 j 17:24	16° Q 16'07	0.66590 AU
	-3975 Dec 16 j 17:36	0° M		morning rise	-3974 Nov 14 j 02:45	11° Q 12'45	
morning max el	-3975 Dec 19 j 09:38	2° M 29'43	26°25'15	direct	-3974 Nov 19 j 22:38	8° Q 39'32	
desc. node	-3975 Dec 28 j 01:54	12° M 32'42		morning max el	-3974 Dec 01 j 18:28	15° Q 40'58	25°11'35
	-3974 Jan 09 j 06:29	0° X			-3974 Dec 13 j 15:00	0° M	
morning set	-3974 Jan 24 j 11:18	26° X 06'15		desc. node	-3974 Dec 14 j 22:54	1° M 49'34	
	-3974 Jan 26 j 12:27	0° Z					

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3973 Jan 02 j 04:01	0°♊		morning set	-3973 Dec 19 j 12:17	19°♑30'07	
morning set	-3973 Jan 06 j 23:27	8°♊24'36		max. Earth dist.	-3973 Dec 23 j 12:58	26°♑29'19	1.38794 AU
max. Earth dist.	-3973 Jan 10 j 16:59	15°♊14'02	1.36794 AU		-3973 Dec 25 j 12:15	0°♊	
superior conj	-3973 Jan 16 j 20:12	27°♊01'15	-1°41'36	superior conj	-3973 Dec 30 j 21:40	9°♊56'01	-1°52'38
minimum elong	-3973 Jan 16 j 23:06	27°♊15'33	1°41'32	minimum elong	-3973 Dec 30 j 23:10	10°♊03'09	1°52'44
	-3973 Jan 18 j 08:13	0°♋		evening rise	-3972 Jan 08 j 21:59	27°♊21'05	
evening rise	-3973 Jan 25 j 01:23	13°♋32'39			-3972 Jan 10 j 06:41	0°♋	
asc. node	-3973 Jan 29 j 10:24	22°♋09'36		asc. node	-3972 Jan 16 j 07:27	11°♋13'26	
	-3973 Feb 02 j 18:47	0°♌		evening max el	-3972 Jan 25 j 09:00	23°♋52'40	18°46'49
evening max el	-3973 Feb 11 j 10:12	11°♌33'50	19°36'23	retrograde	-3972 Feb 02 j 11:09	27°♋47'00	
retrograde	-3973 Feb 20 j 21:51	16°♌03'54		evening set	-3972 Feb 04 j 22:01	27°♋26'54	
evening set	-3973 Feb 23 j 05:37	15°♌48'55		inferior conj	-3972 Feb 12 j 15:43	23°♋05'04	3°29'29
inferior conj	-3973 Mar 03 j 16:40	11°♌44'36	2°23'22	minimum elong	-3972 Feb 12 j 19:45	22°♋57'36	3°28'37
minimum elong	-3973 Mar 03 j 21:36	11°♌36'43	2°21'52	min. Earth dist.	-3972 Feb 15 j 22:45	20°♋40'00	0.57823 AU
min. Earth dist.	-3973 Mar 06 j 06:43	10°♌05'54	0.56211 AU	morning rise	-3972 Feb 20 j 15:00	17°♋53'48	
morning rise	-3973 Mar 12 j 11:01	7°♌01'44		direct	-3972 Feb 26 j 06:31	16°♋36'06	
desc. node	-3973 Mar 12 j 22:03	6°♌53'11		desc. node	-3972 Feb 27 j 19:09	16°♋41'48	
direct	-3973 Mar 16 j 20:57	6°♌17'47		morning max el	-3972 Mar 11 j 12:34	24°♋02'04	26°02'22
morning max el	-3973 Mar 30 j 21:05	13°♌22'16	24°32'37		-3972 Mar 16 j 22:42	0°♍	
	-3973 Apr 12 j 18:15	0°♎			-3972 Apr 04 j 14:32	0°♎	
morning set	-3973 Apr 25 j 06:51	23°♎27'51		morning set	-3972 Apr 08 j 18:35	8°♎29'04	
asc. node	-3973 Apr 27 j 10:00	27°♎59'23		asc. node	-3972 Apr 13 j 06:59	18°♎10'03	
	-3973 Apr 28 j 08:26	0°♏		superior conj	-3972 Apr 15 j 18:45	23°♎36'31	0°25'45
superior conj	-3973 May 02 j 07:40	8°♏35'45	0°49'03	minimum elong	-3972 Apr 15 j 17:38	23°♎30'24	0°25'30
minimum elong	-3973 May 02 j 05:41	8°♏24'55	0°48'41	max. Earth dist.	-3972 Apr 16 j 07:41	24°♎47'08	1.32717 AU
max. Earth dist.	-3973 May 03 j 19:57	11°♏51'29	1.33204 AU		-3972 Apr 18 j 17:15	0°♏	
evening rise	-3973 May 09 j 15:26	24°♏02'35		evening rise	-3972 Apr 22 j 20:36	8°♏46'39	
	-3973 May 12 j 15:20	0°♐			-3972 May 04 j 01:06	0°♐	
	-3973 May 30 j 12:23	0°♑		evening max el	-3972 May 23 j 14:07	26°♐30'23	26°57'25
desc. node	-3973 Jun 08 j 20:47	11°♑38'56		desc. node	-3972 May 25 j 17:52	28°♐26'54	
evening max el	-3973 Jun 11 j 09:04	14°♑11'51	27°23'56		-3972 May 27 j 17:05	0°♑	
retrograde	-3973 Jun 25 j 04:11	21°♑35'27		retrograde	-3972 Jun 06 j 13:49	3°♑51'00	
evening set	-3973 Jul 02 j 07:31	19°♑03'26		evening set	-3972 Jun 13 j 09:14	1°♑46'48	
min. Earth dist.	-3973 Jul 05 j 21:32	16°♑02'54	0.62850 AU		-3972 Jun 15 j 23:16	30°♒	
inferior conj	-3973 Jul 08 j 17:45	13°♑15'36	-3°59'24	min. Earth dist.	-3972 Jun 17 j 03:39	29°♒03'19	0.60921 AU
minimum elong	-3973 Jul 08 j 20:54	13°♑07'51	3°58'46	inferior conj	-3972 Jun 20 j 10:11	26°♒14'19	-4°17'46
morning rise	-3973 Jul 15 j 11:22	8°♑06'08		minimum elong	-3972 Jun 20 j 11:21	26°♒11'47	4°17'35
direct	-3973 Jul 18 j 02:09	7°♑34'10		morning rise	-3972 Jun 27 j 15:12	21°♒25'53	
asc. node	-3973 Jul 24 j 09:29	10°♑39'31		direct	-3972 Jun 30 j 04:16	20°♒59'52	
morning max el	-3973 Jul 24 j 17:18	10°♑58'21	17°56'17	morning max el	-3972 Jul 07 j 06:10	24°♒28'49	18°05'01
	-3973 Aug 06 j 11:01	0°♓		asc. node	-3972 Jul 10 j 06:32	27°♒54'25	
morning set	-3973 Aug 10 j 06:12	6°♓42'55			-3972 Jul 11 j 19:17	0°♑	
superior conj	-3973 Aug 21 j 20:50	26°♓51'58	1°21'15	morning set	-3972 Jul 23 j 06:34	19°♑46'13	
minimum elong	-3973 Aug 22 j 02:21	27°♓15'09	1°20'52		-3972 Jul 28 j 19:37	0°♓	
	-3973 Aug 23 j 17:46	0°♈		superior conj	-3972 Aug 02 j 08:53	8°♓11'38	1°41'34
max. Earth dist.	-3973 Aug 28 j 12:57	7°♈52'52	1.43303 AU	minimum elong	-3972 Aug 02 j 12:05	8°♓25'47	1°41'33
desc. node	-3973 Sep 04 j 20:02	19°♈29'06		max. Earth dist.	-3972 Aug 09 j 21:58	21°♓11'11	1.41692 AU
evening rise	-3973 Sep 06 j 04:25	21°♈35'19			-3972 Aug 15 j 06:54	0°♈	
	-3973 Sep 11 j 15:44	0°♉		evening rise	-3972 Aug 15 j 18:19	0°♈45'52	
	-3973 Oct 02 j 19:12	0°♊		desc. node	-3972 Aug 21 j 17:01	10°♈06'51	
evening max el	-3973 Oct 06 j 02:27	3°♊42'00	21°08'32		-3972 Sep 04 j 04:28	0°♉	
retrograde	-3973 Oct 14 j 14:50	8°♊44'32		evening max el	-3972 Sep 17 j 20:09	17°♉07'30	22°24'51
evening set	-3973 Oct 18 j 15:43	7°♊12'34		retrograde	-3972 Sep 27 j 09:52	22°♉48'33	
asc. node	-3973 Oct 20 j 08:27	5°♊39'16		evening set	-3972 Oct 01 j 23:35	20°♉57'31	
inferior conj	-3973 Oct 24 j 00:41	1°♊01'27	1°14'10	asc. node	-3972 Oct 06 j 05:33	16°♉08'24	
minimum elong	-3973 Oct 23 j 23:02	1°♊07'06	1°13'30	inferior conj	-3972 Oct 07 j 07:04	14°♉40'49	0°21'50
min. Earth dist.	-3973 Oct 24 j 10:40	0°♊27'15	0.67157 AU	minimum elong	-3972 Oct 07 j 06:33	14°♉42'35	0°21'39
	-3973 Oct 24 j 18:39	30°♋		min. Earth dist.	-3972 Oct 07 j 06:35	14°♉42'30	0.67411 AU
morning rise	-3973 Oct 29 j 06:10	24°♋46'06		morning rise	-3972 Oct 12 j 13:25	8°♋27'01	
direct	-3973 Nov 03 j 10:50	22°♋32'35		direct	-3972 Oct 17 j 03:11	6°♋35'12	
morning max el	-3973 Nov 14 j 03:16	28°♋55'17	23°47'07	morning max el	-3972 Oct 26 j 15:00	12°♋13'55	22°21'10
	-3973 Nov 15 j 04:15	0°♌			-3972 Nov 09 j 15:48	0°♌	
desc. node	-3973 Dec 01 j 19:52	21°♌37'06		desc. node	-3972 Nov 17 j 16:49	11°♌46'25	
	-3973 Dec 07 j 10:28	0°♍		morning set	-3972 Nov 28 j 20:51	29°♌12'31	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3972 Nov 29 j 08:34	0°♌				-3971 Oct 13 j 04:37	0°♍	
max. Earth dist.	-3972 Dec 04 j 11:09	8°♌27'10	1.40855 AU			-3971 Nov 03 j 03:45	0°♎	
				desc. node		-3971 Nov 04 j 13:44	2°♎10'30	
superior conj	-3972 Dec 12 j 05:14	21°♌55'12	-1°53'56	morning set		-3971 Nov 08 j 03:43	7°♎44'02	
minimum elong	-3972 Dec 12 j 03:56	21°♌49'20	1°54'02	max. Earth dist.		-3971 Nov 16 j 15:42	21°♎16'56	1.42687 AU
	-3972 Dec 16 j 16:00	0°♏				-3971 Nov 21 j 22:17	0°♏	
evening rise	-3972 Dec 22 j 08:30	10°♏35'57						
asc. node	-3971 Jan 02 j 04:30	29°♏43'34		superior conj		-3971 Nov 23 j 13:06	2°♏43'39	-1°41'42
	-3971 Jan 02 j 08:50	0°♐		minimum elong		-3971 Nov 23 j 08:03	2°♏22'18	1°41'26
evening max el	-3971 Jan 07 j 15:16	6°♐39'06	18°17'23	evening rise		-3971 Dec 05 j 05:04	23°♏07'57	
retrograde	-3971 Jan 14 j 19:08	10°♐13'29				-3971 Dec 09 j 01:22	0°♑	
evening set	-3971 Jan 17 j 08:58	9°♐46'48		asc. node		-3971 Dec 20 j 01:35	17°♑28'46	
inferior conj	-3971 Jan 24 j 11:16	5°♐03'40	3°59'19	evening max el		-3971 Dec 22 j 02:07	19°♑44'19	18°07'52
minimum elong	-3971 Jan 24 j 12:34	5°♐00'53	3°59'04	retrograde		-3971 Dec 28 j 18:13	23°♑12'25	
min. Earth dist.	-3971 Jan 27 j 19:13	2°♐12'45	0.59783 AU	evening set		-3971 Dec 31 j 11:00	22°♑38'11	
	-3971 Jan 30 j 19:06	30°♑♏		inferior conj		-3970 Jan 07 j 00:46	17°♑33'49	4°00'51
morning rise	-3971 Jan 31 j 14:22	29°♑30'28		minimum elong		-3970 Jan 06 j 23:35	17°♑36'45	4°00'37
direct	-3971 Feb 07 j 04:00	27°♑33'49		min. Earth dist.		-3970 Jan 09 j 23:24	14°♑40'29	0.61769 AU
desc. node	-3971 Feb 13 j 16:14	29°♑19'40		morning rise		-3970 Jan 13 j 11:01	11°♑45'31	
	-3971 Feb 14 j 20:57	0°♒		direct		-3970 Jan 20 j 11:27	9°♑16'17	
morning max el	-3971 Feb 21 j 09:07	5°♒11'09	27°08'04	desc. node		-3970 Jan 31 j 13:18	14°♑19'30	
	-3971 Mar 11 j 18:31	0°♓		morning max el		-3970 Feb 03 j 11:58	16°♑59'56	27°40'06
morning set	-3971 Mar 24 j 04:09	23°♓22'42				-3970 Feb 14 j 08:03	0°♓	
	-3971 Mar 27 j 07:16	0°♈				-3970 Mar 04 j 08:42	0°♓	
				morning set		-3970 Mar 08 j 09:31	8°♓01'10	
superior conj	-3971 Mar 31 j 06:30	8°♈37'35	0°01'07	max. Earth dist.		-3970 Mar 14 j 08:40	20°♓36'10	1.32759 AU
minimum elong	-3971 Mar 31 j 06:27	8°♈37'19	0°01'02					
behind sun begin	-3971 Mar 31 j 01:28	8°♈09'59		superior conj		-3970 Mar 15 j 17:15	23°♓32'47	-0°24'03
behind sun end	-3971 Mar 31 j 11:27	9°♈04'39		minimum elong		-3970 Mar 15 j 18:20	23°♓38'40	0°23'55
max. Earth dist.	-3971 Mar 30 j 21:13	7°♈46'48	1.32567 AU	asc. node		-3970 Mar 18 j 00:58	28°♓36'02	
asc. node	-3971 Mar 31 j 03:58	8°♈23'42				-3970 Mar 18 j 16:25	0°♈	
evening rise	-3971 Apr 07 j 05:50	23°♈41'13		evening rise		-3970 Mar 22 j 17:07	8°♈38'51	
	-3971 Apr 10 j 07:37	0°♉				-3970 Apr 02 j 21:25	0°♉	
	-3971 Apr 28 j 09:05	0°♊		evening max el		-3970 Apr 17 j 06:01	19°♉04'43	24°37'13
evening max el	-3971 May 05 j 12:48	8°♊05'48	25°59'21	desc. node		-3970 Apr 29 j 12:05	26°♉01'31	
desc. node	-3971 May 12 j 14:59	13°♊26'37		retrograde		-3970 May 01 j 05:16	26°♉08'21	
retrograde	-3971 May 19 j 14:50	15°♊21'50		evening set		-3970 May 05 j 22:02	25°♉18'16	
evening set	-3971 May 25 j 14:07	13°♊54'55		min. Earth dist.		-3970 May 11 j 18:04	22°♉19'31	0.57010 AU
min. Earth dist.	-3971 May 30 j 01:21	11°♊11'39	0.58877 AU	inferior conj		-3970 May 14 j 13:41	20°♉29'49	-3°34'33
inferior conj	-3971 Jun 02 j 09:46	8°♊41'42	-4°12'55	minimum elong		-3970 May 14 j 08:21	20°♉38'31	3°33'27
minimum elong	-3971 Jun 02 j 07:38	8°♊45'42	4°12'39	morning rise		-3970 May 22 j 21:51	16°♉22'21	
morning rise	-3971 Jun 10 j 03:46	4°♊15'19		direct		-3970 May 25 j 09:13	16°♉05'14	
direct	-3971 Jun 12 j 15:55	3°♊54'13		morning max el		-3970 Jun 03 j 14:45	20°♉22'52	19°22'26
morning max el	-3971 Jun 20 j 14:15	7°♊40'05	18°33'32			-3970 Jun 11 j 03:34	0°♊	
asc. node	-3971 Jun 27 j 03:35	16°♊02'11		asc. node		-3970 Jun 14 j 00:37	4°♊50'34	
	-3971 Jul 05 j 00:22	0°♋		morning set		-3970 Jun 20 j 18:47	17°♊42'47	
morning set	-3971 Jul 06 j 19:58	3°♋29'13				-3970 Jun 26 j 22:25	0°♋	
superior conj	-3971 Jul 15 j 19:50	20°♋40'54	1°49'00	superior conj		-3970 Jun 28 j 23:58	4°♋03'46	1°46'24
minimum elong	-3971 Jul 15 j 20:22	20°♋43'23	1°49'10	minimum elong		-3970 Jun 28 j 22:34	3°♋56'55	1°46'29
	-3971 Jul 20 j 22:25	0°♌		max. Earth dist.		-3970 Jul 05 j 03:07	15°♋42'41	1.37848 AU
max. Earth dist.	-3971 Jul 23 j 01:26	3°♌45'09	1.39786 AU	evening rise		-3970 Jul 08 j 23:40	22°♋40'23	
evening rise	-3971 Jul 27 j 07:57	11°♌04'26				-3970 Jul 13 j 05:25	0°♌	
	-3971 Aug 08 j 04:39	0°♍		desc. node		-3970 Jul 26 j 11:02	20°♌49'45	
desc. node	-3971 Aug 08 j 14:00	0°♍35'19				-3970 Aug 01 j 23:53	0°♍	
	-3971 Aug 30 j 19:45	0°♎		evening max el		-3970 Aug 13 j 19:52	14°♍03'34	25°03'42
evening max el	-3971 Aug 31 j 09:03	0°♎33'40	23°45'32	retrograde		-3970 Aug 25 j 13:59	20°♍53'59	
retrograde	-3971 Sep 11 j 01:54	6°♎52'47		evening set		-3970 Aug 31 j 08:58	18°♍25'16	
evening set	-3971 Sep 16 j 05:56	4°♎42'05		min. Earth dist.		-3970 Sep 04 j 20:50	13°♍18'29	0.67017 AU
	-3971 Sep 20 j 08:58	30°♎♌		inferior conj		-3970 Sep 05 j 18:20	12°♍07'36	-1°24'48
min. Earth dist.	-3971 Sep 21 j 02:45	28°♍59'50	0.67367 AU	minimum elong		-3970 Sep 05 j 20:18	12°♍01'06	1°23'52
inferior conj	-3971 Sep 21 j 13:30	28°♍23'09	-0°31'45	asc. node		-3970 Sep 09 j 23:47	7°♍09'39	
minimum elong	-3971 Sep 21 j 14:15	28°♍20'37	0°31'20	morning rise		-3970 Sep 11 j 07:41	6°♍05'29	
asc. node	-3971 Sep 23 j 02:41	26°♍18'27		direct		-3970 Sep 14 j 20:39	4°♍52'53	
morning rise	-3971 Sep 26 j 22:31	22°♍13'42		morning max el		-3970 Sep 22 j 09:24	9°♍14'09	19°52'27
direct	-3971 Sep 30 j 22:51	20°♍42'47				-3970 Oct 07 j 16:18	0°♎	
morning max el	-3971 Oct 09 j 08:35	25°♍39'31	21°01'10	morning set		-3970 Oct 18 j 02:06	15°♎58'09	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-3970 Oct 22 j 10:42	22° \mathfrak{M} 45'08		morning max el	-3969 Sep 05 j 16:52	22° \mathfrak{G} 55'58	18°58'17
	-3970 Oct 27 j 01:28	0° \mathfrak{A}			-3969 Sep 11 j 09:49	0° \mathfrak{Q}	
max. Earth dist.	-3970 Oct 30 j 03:03	4° \mathfrak{A} 51'43	1.44046 AU	morning set	-3969 Sep 27 j 15:13	25° \mathfrak{Q} 00'17	
					-3969 Sep 30 j 19:04	0° \mathfrak{M}	
superior conj	-3970 Nov 03 j 17:31	12° \mathfrak{A} 14'58	-1°12'57	desc. node	-3969 Oct 09 j 07:41	13° \mathfrak{M} 26'19	
minimum elong	-3970 Nov 03 j 10:31	11° \mathfrak{A} 46'40	1°12'13	max. Earth dist.	-3969 Oct 12 j 19:30	18° \mathfrak{M} 56'32	1.44758 AU
	-3970 Nov 14 j 11:10	0° \mathfrak{M}					
evening rise	-3970 Nov 17 j 07:14	4° \mathfrak{M} 48'27		superior conj	-3969 Oct 13 j 22:59	20° \mathfrak{M} 44'55	-0°29'09
	-3970 Dec 03 j 00:01	0° \mathfrak{A}		minimum elong	-3969 Oct 13 j 19:14	20° \mathfrak{M} 30'06	0°28'37
evening max el	-3970 Dec 05 j 14:47	3° \mathfrak{A} 01'46	18°17'29		-3969 Oct 19 j 19:09	0° \mathfrak{A}	
asc. node	-3970 Dec 06 j 22:41	4° \mathfrak{A} 16'14		evening rise	-3969 Oct 29 j 10:28	15° \mathfrak{A} 28'46	
retrograde	-3970 Dec 12 j 03:58	6° \mathfrak{A} 34'48			-3969 Nov 07 j 09:49	0° \mathfrak{M}	
evening set	-3970 Dec 15 j 00:34	5° \mathfrak{A} 51'43		evening max el	-3969 Nov 19 j 02:37	16° \mathfrak{M} 26'03	18°45'09
inferior conj	-3970 Dec 21 j 04:26	0° \mathfrak{A} 27'42	3°42'34	asc. node	-3969 Nov 23 j 19:46	19° \mathfrak{M} 51'00	
minimum elong	-3970 Dec 21 j 01:46	0° \mathfrak{A} 35'04	3°42'00	retrograde	-3969 Nov 25 j 20:33	20° \mathfrak{M} 13'48	
	-3970 Dec 21 j 14:25	30° \mathfrak{R} \mathfrak{M}		evening set	-3969 Nov 28 j 22:26	19° \mathfrak{M} 20'02	
min. Earth dist.	-3970 Dec 23 j 13:07	27° \mathfrak{M} 51'34	0.63554 AU	inferior conj	-3969 Dec 04 j 18:38	13° \mathfrak{M} 38'41	3°10'53
morning rise	-3970 Dec 27 j 02:19	24° \mathfrak{M} 28'53		minimum elong	-3969 Dec 04 j 15:28	13° \mathfrak{M} 48'15	3°09'59
direct	-3969 Jan 03 j 02:58	21° \mathfrak{M} 41'07		min. Earth dist.	-3969 Dec 06 j 12:34	11° \mathfrak{M} 32'07	0.65014 AU
morning max el	-3969 Jan 16 j 19:23	29° \mathfrak{M} 25'24	27°35'53	morning rise	-3969 Dec 10 j 08:09	7° \mathfrak{M} 32'13	
	-3969 Jan 17 j 09:13	0° \mathfrak{A}		direct	-3969 Dec 17 j 01:04	4° \mathfrak{M} 41'15	
desc. node	-3969 Jan 18 j 10:21	1° \mathfrak{A} 05'07		morning max el	-3969 Dec 30 j 04:50	12° \mathfrak{M} 17'45	26°58'51
	-3969 Feb 08 j 04:58	0° \mathfrak{B}		desc. node	-3968 Jan 05 j 07:24	19° \mathfrak{M} 06'14	
morning set	-3969 Feb 20 j 08:15	22° \mathfrak{B} 15'47			-3968 Jan 13 j 11:29	0° \mathfrak{A}	
	-3969 Feb 24 j 03:24	0° \mathfrak{A}			-3968 Jan 31 j 17:43	0° \mathfrak{B}	
max. Earth dist.	-3969 Feb 25 j 14:03	3° \mathfrak{A} 01'23	1.33331 AU	morning set	-3968 Feb 03 j 21:09	5° \mathfrak{B} 56'11	
				max. Earth dist.	-3968 Feb 08 j 09:54	14° \mathfrak{B} 53'38	1.34328 AU
superior conj	-3969 Feb 28 j 01:16	8° \mathfrak{A} 15'56	-0°48'46				
minimum elong	-3969 Feb 28 j 03:24	8° \mathfrak{A} 27'19	0°48'30	superior conj	-3968 Feb 12 j 04:31	22° \mathfrak{B} 40'14	-1°11'57
asc. node	-3969 Mar 04 j 21:58	18° \mathfrak{A} 42'47		minimum elong	-3968 Feb 12 j 07:26	22° \mathfrak{B} 55'24	1°11'39
evening rise	-3969 Mar 07 j 04:40	23° \mathfrak{A} 32'57			-3968 Feb 15 j 16:06	0° \mathfrak{A}	
	-3969 Mar 10 j 07:53	0° \mathfrak{H}		evening rise	-3968 Feb 19 j 14:43	8° \mathfrak{A} 17'24	
evening max el	-3969 Mar 29 j 22:17	29° \mathfrak{H} 47'55	23°03'40	asc. node	-3968 Feb 19 j 18:59	8° \mathfrak{A} 39'33	
	-3969 Mar 30 j 03:23	0° \mathfrak{Y}			-3968 Mar 02 j 07:17	0° \mathfrak{H}	
retrograde	-3969 Apr 12 j 06:44	6° \mathfrak{Y} 22'28		evening max el	-3968 Mar 10 j 19:40	10° \mathfrak{H} 42'06	21°32'25
evening set	-3969 Apr 15 j 16:16	5° \mathfrak{Y} 57'13		retrograde	-3968 Mar 22 j 21:46	16° \mathfrak{H} 30'53	
desc. node	-3969 Apr 16 j 09:14	5° \mathfrak{Y} 45'55		evening set	-3968 Mar 25 j 11:21	16° \mathfrak{H} 16'00	
min. Earth dist.	-3969 Apr 23 j 08:45	2° \mathfrak{Y} 31'38	0.55678 AU	desc. node	-3968 Apr 02 j 06:21	13° \mathfrak{H} 06'03	
inferior conj	-3969 Apr 24 j 22:24	1° \mathfrak{Y} 36'45	-2°15'51	inferior conj	-3968 Apr 03 j 19:00	12° \mathfrak{H} 14'53	-0°25'25
minimum elong	-3969 Apr 24 j 16:58	1° \mathfrak{Y} 44'42	2°14'14	minimum elong	-3968 Apr 03 j 17:49	12° \mathfrak{H} 16'34	0°25'04
	-3969 Apr 27 j 18:46	30° \mathfrak{R} \mathfrak{H}		min. Earth dist.	-3968 Apr 03 j 22:44	12° \mathfrak{H} 09'38	0.55164 AU
morning rise	-3969 May 03 j 20:01	27° \mathfrak{H} 39'06		morning rise	-3968 Apr 13 j 00:34	8° \mathfrak{H} 12'04	
direct	-3969 May 06 j 08:35	27° \mathfrak{H} 23'48		direct	-3968 Apr 15 j 21:36	7° \mathfrak{H} 53'51	
	-3969 May 14 j 03:37	0° \mathfrak{Y}		morning max el	-3968 Apr 28 j 08:36	13° \mathfrak{H} 50'13	21°58'02
morning max el	-3969 May 17 j 05:08	2° \mathfrak{Y} 27'24	20°31'24		-3968 May 10 j 10:42	0° \mathfrak{Y}	
asc. node	-3969 May 31 j 21:37	24° \mathfrak{Y} 09'07		asc. node	-3968 May 17 j 18:39	13° \mathfrak{Y} 50'19	
	-3969 Jun 03 j 20:44	0° \mathfrak{B}		morning set	-3968 May 19 j 09:29	17° \mathfrak{Y} 09'46	
morning set	-3969 Jun 05 j 00:02	2° \mathfrak{B} 18'25			-3968 May 25 j 11:49	0° \mathfrak{B}	
superior conj	-3969 Jun 12 j 16:17	18° \mathfrak{B} 04'59	1°36'22	superior conj	-3968 May 26 j 17:06	2° \mathfrak{B} 33'55	1°20'53
minimum elong	-3969 Jun 12 j 13:51	17° \mathfrak{B} 52'38	1°36'15	minimum elong	-3968 May 26 j 14:25	2° \mathfrak{B} 19'50	1°20'37
max. Earth dist.	-3969 Jun 17 j 09:33	27° \mathfrak{B} 28'46	1.36108 AU	max. Earth dist.	-3968 May 30 j 01:24	9° \mathfrak{B} 29'33	1.34696 AU
	-3969 Jun 18 j 16:51	0° \mathfrak{H}		evening rise	-3968 Jun 03 j 19:00	18° \mathfrak{B} 54'24	
evening rise	-3969 Jun 21 j 13:08	5° \mathfrak{H} 22'01			-3968 Jun 09 j 18:13	0° \mathfrak{H}	
	-3969 Jul 06 j 01:23	0° \mathfrak{G}		desc. node	-3968 Jun 29 j 05:09	0° \mathfrak{G} 04'45	
desc. node	-3969 Jul 13 j 08:06	10° \mathfrak{G} 42'41			-3968 Jun 29 j 03:42	0° \mathfrak{G}	
evening max el	-3969 Jul 27 j 06:50	27° \mathfrak{G} 35'23	26°11'28	evening max el	-3968 Jul 08 j 18:22	11° \mathfrak{G} 01'49	27°00'38
	-3969 Jul 29 j 22:14	0° \mathfrak{Q}		retrograde	-3968 Jul 21 j 23:25	18° \mathfrak{G} 22'33	
retrograde	-3969 Aug 08 j 21:22	4° \mathfrak{Q} 46'09		evening set	-3968 Jul 28 j 20:27	15° \mathfrak{G} 34'35	
evening set	-3969 Aug 15 j 06:38	2° \mathfrak{Q} 03'53		min. Earth dist.	-3968 Aug 01 j 16:48	11° \mathfrak{G} 43'54	0.65280 AU
	-3969 Aug 17 j 08:59	30° \mathfrak{R} \mathfrak{G}		inferior conj	-3968 Aug 03 j 15:24	9° \mathfrak{G} 29'23	-3°02'13
min. Earth dist.	-3969 Aug 19 j 10:20	27° \mathfrak{G} 34'55	0.66332 AU	minimum elong	-3968 Aug 03 j 19:07	9° \mathfrak{G} 18'40	3°00'59
inferior conj	-3969 Aug 20 j 19:41	25° \mathfrak{G} 50'54	-2°15'40	morning rise	-3968 Aug 09 j 18:11	3° \mathfrak{G} 51'55	
minimum elong	-3969 Aug 20 j 22:42	25° \mathfrak{G} 41'26	2°14'25	direct	-3968 Aug 12 j 15:22	3° \mathfrak{G} 06'27	
morning rise	-3969 Aug 26 j 14:58	19° \mathfrak{G} 59'25		asc. node	-3968 Aug 13 j 18:00	3° \mathfrak{G} 13'09	
asc. node	-3969 Aug 27 j 20:54	19° \mathfrak{G} 23'02		morning max el	-3968 Aug 19 j 05:11	6° \mathfrak{G} 41'49	18°20'23
direct	-3969 Aug 29 j 18:53	19° \mathfrak{G} 01'58			-3968 Sep 04 j 01:03	0° \mathfrak{Q}	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning set	-3968 Sep 07 j 06:57	5°Ω20'44		morning max el	-3967 Aug 02 j 19:55	20°Π27'12	17°59'53
					-3967 Aug 09 j 23:51	0°Ϣ	
superior conj	-3968 Sep 21 j 23:24	29°Ω05'06	0°20'22	morning set	-3967 Aug 20 j 00:46	16°Ϣ55'43	
minimum elong	-3968 Sep 22 j 01:57	29°Ω15'15	0°20'06		-3967 Aug 27 j 16:42	0°Ω	
	-3968 Sep 22 j 13:14	0°൬					
max. Earth dist.	-3968 Sep 24 j 14:03	3°൬13'02	1.44740 AU	superior conj	-3967 Sep 01 j 16:50	8°Ω18'11	1°02'55
desc. node	-3968 Sep 25 j 04:38	4°൬10'37		minimum elong	-3967 Sep 01 j 22:35	8°Ω41'44	1°02'23
evening rise	-3968 Oct 08 j 12:53	25°൬06'01		max. Earth dist.	-3967 Sep 07 j 06:42	17°Ω19'49	1.44005 AU
	-3968 Oct 11 j 16:08	0°♁		desc. node	-3967 Sep 12 j 01:35	24°Ω55'04	
greatest brilliancy	-3968 Oct 19 j 14:53	12°♁19'31	-0.7m		-3967 Sep 15 j 07:36	0°൬	
evening max el	-3968 Nov 01 j 11:08	29°♁52'40	19°29'32	evening rise	-3967 Sep 17 j 20:29	3°൬56'00	
	-3968 Nov 01 j 13:59	0°൬			-3967 Oct 05 j 04:50	0°♁	
retrograde	-3968 Nov 08 j 16:44	4°൬03'53		evening max el	-3967 Oct 15 j 14:24	13°♁19'14	20°28'46
asc. node	-3968 Nov 09 j 16:52	3°൬58'03		retrograde	-3967 Oct 23 j 14:05	18°♁01'43	
evening set	-3968 Nov 12 j 01:51	2°൬57'11		evening set	-3967 Oct 27 j 08:32	16°♁39'39	
	-3968 Nov 15 j 06:41	30°൬♁		asc. node	-3967 Oct 27 j 13:59	16°♁29'26	
inferior conj	-3968 Nov 17 j 16:20	27°♁01'28	2°30'05	inferior conj	-3967 Nov 01 j 19:01	10°♁32'57	1°43'08
minimum elong	-3968 Nov 17 j 13:24	27°♁10'57	2°29'02	minimum elong	-3967 Nov 01 j 16:48	10°♁40'26	1°42'15
min. Earth dist.	-3968 Nov 18 j 20:37	25°♁30'06	0.66115 AU	min. Earth dist.	-3967 Nov 02 j 11:16	9°♁38'04	0.66866 AU
morning rise	-3968 Nov 23 j 00:42	20°♁49'32		morning rise	-3967 Nov 07 j 00:54	4°♁17'58	
direct	-3968 Nov 29 j 04:56	18°♁07'39		direct	-3967 Nov 12 j 14:13	1°♁52'56	
morning max el	-3968 Dec 11 j 14:14	25°♁25'17	25°55'58	morning max el	-3967 Nov 23 j 23:02	8°♁39'15	24°36'29
	-3968 Dec 15 j 19:23	0°൬		desc. node	-3967 Dec 09 j 01:25	27°♁31'31	
desc. node	-3968 Dec 22 j 04:25	8°൬00'05			-3967 Dec 10 j 18:49	0°൬	
	-3967 Jan 05 j 23:33	0°♁		morning set	-3967 Dec 29 j 22:48	0°♁37'50	
morning set	-3967 Jan 16 j 19:49	18°♁48'24			-3967 Dec 29 j 14:10	0°♁	
max. Earth dist.	-3967 Jan 20 j 18:11	26°♁13'12	1.35778 AU	max. Earth dist.	-3966 Jan 02 j 16:49	7°♁20'11	1.37620 AU
	-3967 Jan 22 j 16:49	0°♁					
				superior conj	-3966 Jan 09 j 09:46	19°♁57'06	-1°47'15
superior conj	-3967 Jan 26 j 00:25	6°♁36'50	-1°32'08	minimum elong	-3966 Jan 09 j 12:14	20°♁09'06	1°47'16
minimum elong	-3967 Jan 26 j 03:34	6°♁52'43	1°31'56		-3966 Jan 14 j 12:11	0°♁	
evening rise	-3967 Feb 02 j 21:19	22°♁44'49		evening rise	-3966 Jan 17 j 22:19	6°♁49'26	
asc. node	-3967 Feb 05 j 16:00	28°♁20'29		asc. node	-3966 Jan 23 j 13:01	17°♁39'52	
	-3967 Feb 06 j 12:16	0°♁			-3966 Jan 31 j 05:30	0°♁	
evening max el	-3967 Feb 21 j 02:24	22°♁05'09	20°13'38	evening max el	-3966 Feb 03 j 19:39	4°♁04'12	19°12'47
retrograde	-3967 Mar 03 j 12:53	27°♁02'35		retrograde	-3966 Feb 12 j 16:05	8°♁17'38	
evening set	-3967 Mar 05 j 20:13	26°♁49'07		evening set	-3966 Feb 15 j 00:50	8°♁00'52	
inferior conj	-3967 Mar 14 j 16:40	22°♁49'54	1°28'31	inferior conj	-3966 Feb 23 j 04:25	3°♁49'44	2°56'10
minimum elong	-3967 Mar 14 j 20:20	22°♁44'24	1°27'14	minimum elong	-3966 Feb 23 j 09:22	3°♁41'20	2°54'51
min. Earth dist.	-3967 Mar 16 j 12:41	21°♁44'18	0.55579 AU	min. Earth dist.	-3966 Feb 26 j 03:46	1°♁49'15	0.56828 AU
desc. node	-3967 Mar 20 j 03:28	19°♁46'50			-3966 Mar 01 j 04:55	30°൬♁	
morning rise	-3967 Mar 23 j 18:42	18°♁24'38		morning rise	-3966 Mar 03 j 15:12	28°♁53'50	
direct	-3967 Mar 27 j 12:02	17°♁54'21		desc. node	-3966 Mar 07 j 00:34	28°♁02'46	
morning max el	-3967 Apr 10 j 03:09	24°♁37'55	23°35'55	direct	-3966 Mar 08 j 13:45	27°♁57'06	
	-3967 Apr 15 j 00:58	0°♁			-3966 Mar 15 j 21:35	0°♁	
	-3967 May 02 j 20:13	0°൬		morning max el	-3966 Mar 22 j 18:07	5°♁12'53	25°12'57
morning set	-3967 May 03 j 21:09	2°൬09'47			-3966 Apr 09 j 14:05	0°♁	
asc. node	-3967 May 04 j 15:38	3°൬46'58		morning set	-3966 Apr 18 j 09:21	17°♁12'15	
				asc. node	-3966 Apr 21 j 12:37	23°♁53'46	
					-3966 Apr 24 j 08:03	0°൬	
superior conj	-3967 May 10 j 23:35	17°൬20'59	1°01'30				
minimum elong	-3967 May 10 j 21:13	17°൬08'16	1°01'09	superior conj	-3966 Apr 25 j 09:32	2°൬18'44	0°39'22
max. Earth dist.	-3967 May 13 j 02:54	21°൬54'31	1.33643 AU	minimum elong	-3966 Apr 25 j 07:53	2°൬09'44	0°39'03
	-3967 May 17 j 00:16	0°♁		max. Earth dist.	-3966 Apr 26 j 11:40	4°൬40'37	1.32950 AU
evening rise	-3967 May 18 j 12:34	3°♁03'09		evening rise	-3966 May 02 j 14:18	17°൬36'55	
	-3967 Jun 02 j 13:40	0°♁			-3966 May 08 j 22:06	0°♁	
desc. node	-3967 Jun 16 j 02:13	18°♁42'55			-3966 May 28 j 06:34	0°♁	
evening max el	-3967 Jun 21 j 05:02	24°♁11'06	27°24'07	desc. node	-3966 Jun 02 j 23:17	6°♁18'22	
	-3967 Jun 28 j 22:25	0°♁		evening max el	-3966 Jun 03 j 12:39	6°♁50'45	27°16'39
retrograde	-3967 Jul 04 j 19:52	1°♁35'08		retrograde	-3966 Jun 17 j 10:06	14°♁14'08	
	-3967 Jul 10 j 07:22	30°൬♁		evening set	-3966 Jun 24 j 11:30	11°♁52'01	
evening set	-3967 Jul 11 j 23:21	28°♁52'57					
min. Earth dist.	-3967 Jul 15 j 14:20	25°♁36'53	0.63842 AU	min. Earth dist.	-3966 Jun 28 j 02:00	9°♁00'53	0.62054 AU
inferior conj	-3967 Jul 18 j 03:01	22°♁58'09	-3°41'36	inferior conj	-3966 Jul 01 j 03:27	6°♁10'10	-4°09'30
minimum elong	-3967 Jul 18 j 06:41	22°♁48'32	3°40'41	minimum elong	-3966 Jul 01 j 05:56	6°♁04'21	4°09'04
morning rise	-3967 Jul 24 j 14:49	17°♁37'55		morning rise	-3966 Jul 08 j 01:46	1°♁09'47	
direct	-3967 Jul 27 j 07:24	17°♁01'42		direct	-3966 Jul 10 j 15:35	0°♁40'39	
asc. node	-3967 Jul 31 j 15:05	18°♁34'37		morning max el	-3966 Jul 17 j 10:20	4°♁05'34	17°57'40

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-3966 Jul 18 j 12:09	5° Π 12'46		morning max el	-3965 Jun 30 j 21:35	17° \mathcal{B} 29'35	18°14'40
morning set	-3966 Aug 02 j 15:33	29° Π 30'45		asc. node	-3965 Jul 05 j 09:12	22° \mathcal{B} 52'16	
	-3966 Aug 02 j 22:01	0° \mathfrak{S}			-3965 Jul 09 j 21:09	0° Π	
				morning set	-3965 Jul 16 j 22:04	12° Π 52'50	
superior conj	-3966 Aug 13 j 13:29	18° \mathfrak{S} 52'10	1°31'36		-3965 Jul 26 j 02:24	0° \mathfrak{S}	
minimum elong	-3966 Aug 13 j 18:11	19° \mathfrak{S} 12'21	1°31'23				
	-3966 Aug 20 j 04:18	0° Ω		superior conj	-3965 Jul 26 j 12:04	0° \mathfrak{S} 43'52	1°46'07
max. Earth dist.	-3966 Aug 20 j 18:26	0° Ω 57'59	1.42664 AU	minimum elong	-3965 Jul 26 j 14:05	0° \mathfrak{S} 53'00	1°46'13
evening rise	-3966 Aug 28 j 02:14	12° Ω 43'00		max. Earth dist.	-3965 Aug 03 j 00:34	13° \mathfrak{S} 56'47	1.40904 AU
desc. node	-3966 Aug 29 j 22:32	15° Ω 36'11		evening rise	-3965 Aug 08 j 01:24	22° \mathfrak{S} 20'32	
	-3966 Sep 08 j 09:54	0° \mathfrak{M}			-3965 Aug 12 j 19:59	0° Ω	
evening max el	-3966 Sep 28 j 11:27	26° \mathfrak{M} 44'29	21°40'04	desc. node	-3965 Aug 16 j 19:31	6° Ω 10'42	
	-3966 Oct 02 j 04:10	0° \mathfrak{L}			-3965 Sep 02 j 11:33	0° \mathfrak{M}	
retrograde	-3966 Oct 07 j 10:27	2° \mathfrak{L} 03'45		evening max el	-3965 Sep 11 j 02:57	10° \mathfrak{M} 10'30	22°59'00
evening set	-3966 Oct 11 j 16:28	0° \mathfrak{L} 23'59		retrograde	-3965 Sep 21 j 04:21	16° \mathfrak{M} 08'08	
	-3966 Oct 12 j 03:58	30° \mathfrak{R} \mathfrak{M}		evening set	-3965 Sep 25 j 23:54	14° \mathfrak{M} 08'59	
asc. node	-3966 Oct 14 j 11:07	27° \mathfrak{M} 33'37		inferior conj	-3965 Oct 01 j 07:15	7° \mathfrak{M} 51'00	-0°00'52
inferior conj	-3966 Oct 17 j 00:36	24° \mathfrak{M} 09'55	0°52'12	minimum elong	-3965 Oct 01 j 07:16	7° \mathfrak{M} 50'57	0°00'47
minimum elong	-3966 Oct 16 j 23:25	24° \mathfrak{M} 14'00	0°51'44	transit middle	-3965 Oct 01 j 07:16	7° \mathfrak{M} 50'57	0°00'47
min. Earth dist.	-3966 Oct 17 j 06:04	23° \mathfrak{M} 51'01	0.67299 AU	transit begin	-3965 Oct 01 j 04:34	8° \mathfrak{M} 00'14	
morning rise	-3966 Oct 22 j 06:11	17° \mathfrak{M} 54'36		transit end	-3965 Oct 01 j 09:58	7° \mathfrak{M} 41'39	
direct	-3966 Oct 27 j 04:19	15° \mathfrak{M} 50'16		min. Earth dist.	-3965 Oct 01 j 02:30	8° \mathfrak{M} 07'22	0.67434 AU
morning max el	-3966 Nov 06 j 08:43	21° \mathfrak{M} 55'10	23°10'09	asc. node	-3965 Oct 01 j 08:15	7° \mathfrak{M} 47'31	
	-3966 Nov 13 j 08:09	0° \mathfrak{L}		morning rise	-3965 Oct 06 j 14:30	1° \mathfrak{M} 38'27	
desc. node	-3966 Nov 25 j 22:22	17° \mathfrak{L} 29'03			-3965 Oct 10 j 00:13	30° \mathfrak{R} Ω	
	-3966 Dec 04 j 02:55	0° \mathfrak{M}		direct	-3965 Oct 10 j 22:24	29° Ω 55'31	
morning set	-3966 Dec 10 j 23:57	11° \mathfrak{M} 08'27			-3965 Oct 11 j 21:04	0° \mathfrak{M}	
max. Earth dist.	-3966 Dec 15 j 12:22	18° \mathfrak{M} 48'13	1.39677 AU	morning max el	-3965 Oct 19 j 22:30	5° \mathfrak{M} 15'51	21°45'51
	-3966 Dec 21 j 19:38	0° \mathfrak{X}			-3965 Nov 07 j 15:18	0° \mathfrak{L}	
				desc. node	-3965 Nov 12 j 19:19	7° \mathfrak{L} 45'11	
superior conj	-3966 Dec 23 j 04:14	2° \mathfrak{X} 29'27	-1°54'36	morning set	-3965 Nov 20 j 20:25	20° \mathfrak{L} 16'16	
minimum elong	-3966 Dec 23 j 04:43	2° \mathfrak{X} 31'44	1°54'44		-3965 Nov 26 j 20:30	0° \mathfrak{M}	
evening rise	-3965 Jan 01 j 15:00	20° \mathfrak{X} 24'04		max. Earth dist.	-3965 Nov 27 j 12:32	1° \mathfrak{M} 06'21	1.41682 AU
	-3965 Jan 06 j 17:00	0° \mathfrak{Z}					
asc. node	-3965 Jan 10 j 10:04	6° \mathfrak{Z} 30'28		superior conj	-3965 Dec 05 j 02:25	14° \mathfrak{M} 00'15	-1°50'37
evening max el	-3965 Jan 17 j 21:57	16° \mathfrak{Z} 35'48	18°31'53	minimum elong	-3965 Dec 04 j 23:32	13° \mathfrak{M} 47'40	1°50'37
retrograde	-3965 Jan 25 j 13:20	20° \mathfrak{Z} 19'43			-3965 Dec 14 j 00:13	0° \mathfrak{X}	
evening set	-3965 Jan 28 j 01:26	19° \mathfrak{Z} 57'02		evening rise	-3965 Dec 15 j 20:02	3° \mathfrak{X} 21'17	
inferior conj	-3965 Feb 04 j 12:18	15° \mathfrak{Z} 26'44	3°46'11	asc. node	-3965 Dec 28 j 07:09	24° \mathfrak{X} 42'56	
minimum elong	-3965 Feb 04 j 15:14	15° \mathfrak{Z} 20'55	3°45'38	evening max el	-3964 Jan 01 j 06:37	29° \mathfrak{X} 31'32	18°11'01
min. Earth dist.	-3965 Feb 07 j 21:35	12° \mathfrak{Z} 47'22	0.58631 AU		-3964 Jan 01 j 18:32	0° \mathfrak{Z}	
morning rise	-3965 Feb 12 j 02:43	10° \mathfrak{Z} 04'57		retrograde	-3964 Jan 08 j 04:05	3° \mathfrak{Z} 01'18	
direct	-3965 Feb 18 j 05:00	8° \mathfrak{Z} 30'16		evening set	-3964 Jan 10 j 19:16	2° \mathfrak{Z} 31'25	
desc. node	-3965 Feb 21 j 21:40	9° \mathfrak{Z} 04'14			-3964 Jan 14 j 23:07	30° \mathfrak{R} \mathfrak{X}	
morning max el	-3965 Mar 04 j 11:20	16° \mathfrak{Z} 02'51	26°33'59	inferior conj	-3964 Jan 17 j 15:53	27° \mathfrak{X} 39'17	4°02'51
	-3965 Mar 15 j 20:24	0° \mathfrak{A}		minimum elong	-3964 Jan 17 j 16:02	27° \mathfrak{X} 38'58	4°02'41
	-3965 Apr 01 j 19:07	0° \mathfrak{H}		min. Earth dist.	-3964 Jan 20 j 20:53	24° \mathfrak{X} 44'34	0.60643 AU
morning set	-3965 Apr 02 j 20:23	2° \mathfrak{H} 11'12		morning rise	-3964 Jan 24 j 11:19	21° \mathfrak{X} 59'18	
asc. node	-3965 Apr 08 j 09:35	14° \mathfrak{H} 06'22		direct	-3964 Jan 31 j 07:13	19° \mathfrak{X} 47'11	
				desc. node	-3964 Feb 08 j 18:46	22° \mathfrak{X} 46'48	
superior conj	-3965 Apr 09 j 21:08	17° \mathfrak{H} 20'49	0°15'26	morning max el	-3964 Feb 14 j 10:21	27° \mathfrak{X} 27'24	27°26'08
minimum elong	-3965 Apr 09 j 20:27	17° \mathfrak{H} 17'07	0°15'14		-3964 Feb 16 j 21:22	0° \mathfrak{Z}	
behind sun begin	-3965 Apr 09 j 19:10	17° \mathfrak{H} 10'06			-3964 Mar 08 j 09:53	0° \mathfrak{A}	
behind sun end	-3965 Apr 09 j 21:44	17° \mathfrak{H} 24'07		morning set	-3964 Mar 17 j 04:24	16° \mathfrak{A} 59'05	
max. Earth dist.	-3965 Apr 10 j 00:27	17° \mathfrak{H} 39'00	1.32604 AU		-3964 Mar 23 j 06:57	0° \mathfrak{H}	
	-3965 Apr 15 j 17:32	0° \mathfrak{Y}		max. Earth dist.	-3964 Mar 23 j 13:31	0° \mathfrak{H} 35'48	1.32603 AU
evening rise	-3965 Apr 16 j 21:29	2° \mathfrak{Y} 26'42					
	-3965 May 01 j 21:21	0° \mathfrak{B}		superior conj	-3964 Mar 24 j 08:39	2° \mathfrak{H} 20'11	-0°09'32
evening max el	-3965 May 16 j 15:10	18° \mathfrak{B} 51'50	26°36'25	minimum elong	-3964 Mar 24 j 09:05	2° \mathfrak{H} 22'33	0°09'33
desc. node	-3965 May 20 j 20:23	22° \mathfrak{B} 25'05		behind sun begin	-3964 Mar 24 j 05:02	2° \mathfrak{H} 00'29	
retrograde	-3965 May 30 j 16:43	26° \mathfrak{B} 11'29		behind sun end	-3964 Mar 24 j 13:07	2° \mathfrak{H} 44'38	
evening set	-3965 Jun 06 j 04:48	24° \mathfrak{B} 22'37		asc. node	-3964 Mar 25 j 06:33	4° \mathfrak{H} 19'55	
min. Earth dist.	-3965 Jun 10 j 04:32	21° \mathfrak{B} 41'05	0.60043 AU	evening rise	-3964 Mar 31 j 07:49	17° \mathfrak{H} 23'39	
inferior conj	-3965 Jun 13 j 13:12	18° \mathfrak{B} 57'22	-4°19'14		-3964 Apr 06 j 14:45	0° \mathfrak{Y}	
minimum elong	-3965 Jun 13 j 13:06	18° \mathfrak{B} 57'35	4°19'06		-3964 Apr 27 j 06:55	0° \mathfrak{B}	
morning rise	-3965 Jun 20 j 23:33	14° \mathfrak{B} 18'18		evening max el	-3964 Apr 27 j 11:28	0° \mathfrak{B} 10'55	25°26'51
direct	-3965 Jun 23 j 12:00	13° \mathfrak{B} 54'36		desc. node	-3964 May 06 j 17:31	6° \mathfrak{B} 27'52	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

retrograde	-3964 May 11 j 13:14	7°♄22'23		retrograde	-3963 Apr 22 j 21:48	17°♄52'40	
evening set	-3964 May 17 j 00:21	6°♄12'13		desc. node	-3963 Apr 23 j 14:39	17°♄51'33	
min. Earth dist.	-3964 May 21 j 23:51	3°♄23'54	0.58041 AU	evening set	-3963 Apr 27 j 00:57	17°♄14'49	
inferior conj	-3964 May 25 j 04:42	1°♄09'06	-4°01'22	min. Earth dist.	-3963 May 03 j 15:02	14°♄06'16	0.56366 AU
minimum elong	-3964 May 25 j 01:02	1°♄15'34	4°00'50	inferior conj	-3963 May 06 j 00:00	12°♄38'40	-3°06'03
	-3964 May 26 j 20:33	30°♄		minimum elong	-3963 May 05 j 18:05	12°♄47'50	3°04'35
morning rise	-3964 Jun 02 j 04:33	26°♄51'00		morning rise	-3963 May 14 j 14:12	8°♄37'04	
direct	-3964 Jun 04 j 16:24	26°♄31'40		direct	-3963 May 17 j 01:54	8°♄20'57	
	-3964 Jun 12 j 13:47	0°♄		morning max el	-3963 May 26 j 23:02	12°♄56'03	19°49'26
morning max el	-3964 Jun 13 j 02:42	0°♄29'21	18°51'48		-3963 Jun 07 j 22:48	0°♄	
asc. node	-3964 Jun 21 j 06:14	11°♄18'28		asc. node	-3963 Jun 08 j 03:14	0°♄20'18	
morning set	-3964 Jun 29 j 15:55	26°♄50'00		morning set	-3963 Jun 13 j 17:44	11°♄13'31	
	-3964 Jul 01 j 06:41	0°♄					
				superior conj	-3963 Jun 21 j 16:47	27°♄17'44	1°42'55
superior conj	-3964 Jul 08 j 06:59	13°♄37'28	1°48'57	minimum elong	-3963 Jun 21 j 14:50	27°♄08'05	1°42'56
minimum elong	-3964 Jul 08 j 06:35	13°♄35'34	1°49'06		-3963 Jun 23 j 01:37	0°♄	
max. Earth dist.	-3964 Jul 15 j 02:55	26°♄14'17	1.38956 AU	max. Earth dist.	-3963 Jun 27 j 06:08	8°♄04'17	1.37074 AU
	-3964 Jul 17 j 05:59	0°♄		evening rise	-3963 Jul 01 j 03:58	15°♄17'23	
evening rise	-3964 Jul 19 j 02:26	3°♄12'39			-3963 Jul 09 j 17:11	0°♄	
desc. node	-3964 Aug 02 j 16:32	26°♄33'57		desc. node	-3963 Jul 20 j 13:35	16°♄40'00	
	-3964 Aug 05 j 00:28	0°♄			-3963 Jul 30 j 14:04	0°♄	
evening max el	-3964 Aug 23 j 14:51	23°♄39'04	24°19'34	evening max el	-3963 Aug 06 j 01:30	7°♄09'47	25°34'17
	-3964 Sep 02 j 01:55	0°♄		retrograde	-3963 Aug 18 j 04:44	14°♄09'54	
retrograde	-3964 Sep 03 j 18:40	0°♄11'50		evening set	-3963 Aug 24 j 06:07	11°♄34'25	
	-3964 Sep 05 j 09:51	30°♄		min. Earth dist.	-3963 Aug 28 j 14:21	6°♄43'51	0.66770 AU
evening set	-3964 Sep 09 j 05:06	27°♄53'16		inferior conj	-3963 Aug 29 j 16:49	5°♄18'31	-1°46'46
min. Earth dist.	-3964 Sep 13 j 22:05	22°♄25'51	0.67263 AU	minimum elong	-3963 Aug 29 j 19:16	5°♄10'36	1°45'40
inferior conj	-3964 Sep 14 j 13:15	21°♄34'44	-0°54'23		-3963 Sep 03 j 11:04	30°♄	
minimum elong	-3964 Sep 14 j 14:31	21°♄30'27	0°53'44	morning rise	-3963 Sep 04 j 08:31	29°♄20'50	
asc. node	-3964 Sep 17 j 05:23	18°♄08'45		asc. node	-3963 Sep 04 j 02:30	29°♄30'58	
morning rise	-3964 Sep 19 j 23:55	15°♄28'04		direct	-3963 Sep 07 j 17:22	28°♄15'07	
direct	-3964 Sep 23 j 19:15	14°♄05'08			-3963 Sep 12 j 05:58	0°♄	
morning max el	-3964 Oct 01 j 19:06	18°♄45'17	20°30'18	morning max el	-3963 Sep 14 j 22:59	2°♄23'25	19°27'35
	-3964 Oct 10 j 18:55	0°♄			-3963 Oct 04 j 10:58	0°♄	
morning set	-3964 Oct 29 j 20:55	28°♄32'36		morning set	-3963 Oct 08 j 23:11	7°♄00'59	
desc. node	-3964 Oct 29 j 16:17	28°♄14'35		desc. node	-3963 Oct 16 j 13:14	18°♄52'23	
	-3964 Oct 30 j 19:25	0°♄		max. Earth dist.	-3963 Oct 22 j 11:05	28°♄11'05	1.44435 AU
max. Earth dist.	-3964 Nov 08 j 20:41	14°♄19'22	1.43342 AU		-3963 Oct 23 j 14:33	0°♄	
superior conj	-3964 Nov 14 j 22:54	24°♄16'51	-1°31'36	superior conj	-3963 Oct 25 j 16:12	3°♄17'37	-0°55'50
minimum elong	-3964 Nov 14 j 16:35	23°♄50'36	1°31'06	minimum elong	-3963 Oct 25 j 09:53	2°♄52'22	0°55'04
	-3964 Nov 18 j 08:55	0°♄		evening rise	-3963 Nov 09 j 02:24	26°♄49'28	
evening rise	-3964 Nov 27 j 09:25	15°♄33'10			-3963 Nov 11 j 00:07	0°♄	
	-3964 Dec 05 j 17:47	0°♄		evening max el	-3963 Nov 28 j 07:13	26°♄03'50	18°27'00
asc. node	-3964 Dec 14 j 04:15	12°♄05'47		asc. node	-3963 Dec 01 j 01:22	28°♄24'12	
evening max el	-3964 Dec 14 j 18:39	12°♄43'19	18°09'39	retrograde	-3963 Dec 04 j 21:36	29°♄42'18	
retrograde	-3964 Dec 21 j 08:21	16°♄12'07		evening set	-3963 Dec 07 j 20:11	28°♄54'56	
evening set	-3964 Dec 24 j 02:43	15°♄34'08		inferior conj	-3963 Dec 13 j 20:31	23°♄22'55	3°30'29
inferior conj	-3964 Dec 30 j 11:56	10°♄20'54	3°55'04	minimum elong	-3963 Dec 13 j 17:32	23°♄31'30	3°29'45
minimum elong	-3964 Dec 30 j 09:59	10°♄25'56	3°54'43	min. Earth dist.	-3963 Dec 15 j 22:46	20°♄58'25	0.64217 AU
min. Earth dist.	-3963 Jan 02 j 04:48	7°♄33'15	0.62565 AU	morning rise	-3963 Dec 19 j 14:23	17°♄20'20	
morning rise	-3963 Jan 05 j 16:25	4°♄27'53		direct	-3963 Dec 26 j 12:20	14°♄29'45	
direct	-3963 Jan 12 j 18:06	1°♄49'12		morning max el	-3962 Jan 09 j 00:19	22°♄12'06	27°23'50
desc. node	-3963 Jan 25 j 15:50	8°♄36'17		desc. node	-3962 Jan 12 j 12:53	25°♄57'06	
morning max el	-3963 Jan 26 j 15:27	9°♄32'58	27°42'43		-3962 Jan 15 j 22:24	0°♄	
	-3963 Feb 11 j 14:37	0°♄			-3962 Feb 04 j 18:28	0°♄	
	-3963 Feb 28 j 13:42	0°♄		morning set	-3962 Feb 13 j 02:16	15°♄29'47	
morning set	-3963 Mar 01 j 07:17	1°♄28'33		max. Earth dist.	-3962 Feb 18 j 00:59	25°♄30'01	1.33705 AU
max. Earth dist.	-3963 Mar 06 j 23:06	13°♄17'34	1.32959 AU		-3962 Feb 20 j 04:34	0°♄	
superior conj	-3963 Mar 08 j 18:27	17°♄11'00	-0°34'38	superior conj	-3962 Feb 21 j 00:41	1°♄46'24	-0°58'53
minimum elong	-3963 Mar 08 j 20:00	17°♄19'22	0°34'26	minimum elong	-3962 Feb 21 j 03:11	1°♄59'41	0°58'35
asc. node	-3963 Mar 12 j 03:34	24°♄30'29		asc. node	-3962 Feb 27 j 00:36	14°♄33'19	
	-3963 Mar 14 j 16:53	0°♄		evening rise	-3962 Feb 28 j 06:35	17°♄11'10	
evening rise	-3963 Mar 15 j 19:28	2°♄20'50			-3962 Mar 06 j 16:53	0°♄	
	-3963 Mar 31 j 01:49	0°♄		evening max el	-3962 Mar 21 j 21:00	21°♄43'04	22°23'44
evening max el	-3963 Apr 09 j 03:32	10°♄59'31	23°57'54	retrograde	-3962 Apr 03 j 18:30	28°♄00'31	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening set	-3962 Apr 06 j 17:40	27° H 41'08		evening max el	-3961 Mar 03 j 22:01	2° H 47'53	20°56'56
desc. node	-3962 Apr 10 j 11:45	26° H 26'39		retrograde	-3961 Mar 15 j 08:09	8° H 14'47	
min. Earth dist.	-3962 Apr 15 j 05:09	24° H 00'05	0.55345 AU	evening set	-3961 Mar 17 j 17:18	8° H 01'28	
inferior conj	-3962 Apr 16 j 02:10	23° H 30'12	-1°31'33	inferior conj	-3961 Mar 26 j 21:26	4° H 03'27	0°24'33
minimum elong	-3962 Apr 15 j 22:07	23° H 35'58	1°30'14	minimum elong	-3961 Mar 26 j 22:34	4° H 01'51	0°24'05
morning rise	-3962 Apr 25 j 04:17	19° H 32'53		min. Earth dist.	-3961 Mar 27 j 19:26	3° H 32'02	0.55222 AU
direct	-3962 Apr 27 j 18:59	19° H 17'16		desc. node	-3961 Mar 28 j 08:53	3° H 12'58	
morning max el	-3962 May 09 j 08:49	24° H 42'55	21°06'29		-3961 Apr 04 j 14:34	30° R \approx	
	-3962 May 14 j 02:52	0° Y		morning rise	-3961 Apr 05 j 03:02	29° \approx 52'25	
asc. node	-3962 May 26 j 00:14	19° Y 49'08		direct	-3961 Apr 08 j 06:58	29° \approx 30'35	
morning set	-3962 May 29 j 01:00	25° Y 56'28			-3961 Apr 11 j 21:27	0° H	
	-3962 May 31 j 00:03	0° B		morning max el	-3961 Apr 21 j 08:07	5° H 49'20	22°38'56
					-3961 May 08 j 01:21	0° Y	
superior conj	-3962 Jun 05 j 13:07	11° B 32'09	1°30'22	asc. node	-3961 May 12 j 21:13	9° Y 37'19	
minimum elong	-3962 Jun 05 j 10:29	11° B 18'39	1°30'11	morning set	-3961 May 13 j 11:35	10° Y 51'53	
max. Earth dist.	-3962 Jun 09 j 16:02	19° B 53'14	1.35454 AU				
evening rise	-3962 Jun 14 j 01:00	28° B 22'13		superior conj	-3961 May 20 j 16:38	26° Y 09'45	1°13'05
	-3962 Jun 14 j 21:49	0° II		minimum elong	-3961 May 20 j 14:01	25° Y 55'54	1°12'45
	-3962 Jul 02 j 22:34	0° B			-3961 May 22 j 12:21	0° B	
desc. node	-3962 Jul 07 j 10:37	6° B 21'15		max. Earth dist.	-3961 May 23 j 11:50	2° B 02'26	1.34197 AU
evening max el	-3962 Jul 19 j 12:31	20° B 39'39	26°35'07	evening rise	-3961 May 28 j 12:20	12° B 11'40	
retrograde	-3962 Aug 01 j 10:02	27° B 56'37			-3961 Jun 07 j 05:02	0° II	
evening set	-3962 Aug 08 j 00:48	25° B 10'25		desc. node	-3961 Jun 24 j 07:40	25° II 26'32	
min. Earth dist.	-3962 Aug 12 j 01:06	20° B 58'02	0.65925 AU		-3961 Jun 28 j 03:52	0° B	
inferior conj	-3962 Aug 13 j 16:02	19° B 00'13	-2°36'06	evening max el	-3961 Jul 01 j 23:51	4° B 00'06	27°14'14
minimum elong	-3962 Aug 13 j 19:25	18° B 49'58	2°34'49	retrograde	-3961 Jul 15 j 09:59	11° B 23'35	
morning rise	-3962 Aug 19 j 14:20	13° B 14'31		evening set	-3961 Jul 22 j 10:23	8° B 36'33	
asc. node	-3962 Aug 21 j 23:34	12° B 25'03		min. Earth dist.	-3961 Jul 26 j 04:05	5° B 01'09	0.64707 AU
direct	-3962 Aug 22 j 15:01	12° B 22'42		inferior conj	-3961 Jul 28 j 08:37	2° B 35'09	-3°20'03
morning max el	-3962 Aug 29 j 08:52	16° B 07'57	18°40'10	minimum elong	-3961 Jul 28 j 12:25	2° B 24'35	3°18'55
	-3962 Sep 08 j 13:36	0° Q			-3961 Jul 30 j 18:52	30° R II	
morning set	-3962 Sep 18 j 23:02	16° Q 35'05		morning rise	-3961 Aug 03 j 15:03	27° II 04'31	
	-3962 Sep 27 j 08:38	0° P		direct	-3961 Aug 06 j 09:55	26° II 23'23	
desc. node	-3962 Oct 03 j 10:12	9° P 35'23		asc. node	-3961 Aug 08 j 20:38	26° II 54'55	
				morning max el	-3961 Aug 12 j 22:29	29° II 53'55	18°09'28
superior conj	-3962 Oct 04 j 16:44	11° P 35'42	-0°08'05		-3961 Aug 13 j 00:53	0° B	
minimum elong	-3962 Oct 04 j 15:40	11° P 31'31	0°07'54	morning set	-3961 Aug 31 j 02:18	27° B 28'07	
behind sun begin	-3962 Oct 04 j 05:35	10° P 51'46			-3961 Sep 01 j 14:33	0° Q	
behind sun end	-3962 Oct 05 j 01:46	12° P 11'16		superior conj	-3961 Sep 13 j 22:08	20° Q 11'55	0°39'50
max. Earth dist.	-3962 Oct 05 j 04:30	12° P 22'02	1.44835 AU	minimum elong	-3961 Sep 14 j 02:39	20° Q 30'02	0°39'22
	-3962 Oct 16 j 08:39	0° Q		max. Earth dist.	-3961 Sep 17 j 22:01	26° Q 34'10	1.44508 AU
evening rise	-3962 Oct 20 j 19:03	7° Q 02'45		desc. node	-3961 Sep 20 j 07:09	0° P 19'55	
	-3962 Nov 04 j 10:13	0° M			-3961 Sep 20 j 02:05	0° P	
evening max el	-3962 Nov 11 j 17:52	9° M 29'16	19°02'00	evening rise	-3961 Sep 30 j 11:54	16° P 15'19	
asc. node	-3962 Nov 17 j 22:28	13° M 23'17			-3961 Oct 09 j 10:01	0° Q	
retrograde	-3962 Nov 18 j 16:07	13° M 26'20		greatest brilliancy	-3961 Oct 13 j 12:59	6° Q 14'26	-0.7m
evening set	-3962 Nov 21 j 20:43	12° M 27'33		evening max el	-3961 Oct 26 j 00:22	22° Q 56'10	19°53'08
inferior conj	-3962 Nov 27 j 14:16	6° M 39'44	2°54'30	retrograde	-3961 Nov 02 j 13:00	27° Q 19'45	
minimum elong	-3962 Nov 27 j 11:08	6° M 49'31	2°53'30	asc. node	-3961 Nov 04 j 19:33	26° Q 49'45	
min. Earth dist.	-3962 Nov 29 j 02:16	4° M 47'28	0.65527 AU	evening set	-3961 Nov 06 j 01:46	26° Q 06'58	
morning rise	-3962 Dec 03 j 01:13	0° M 30'21		inferior conj	-3961 Nov 11 j 14:22	20° Q 06'27	2°10'48
	-3962 Dec 03 j 15:44	30° R Q		minimum elong	-3961 Nov 11 j 11:42	20° Q 15'18	2°09'47
direct	-3962 Dec 09 j 13:06	27° Q 41'48		min. Earth dist.	-3961 Nov 12 j 13:27	18° Q 50'17	0.66476 AU
	-3962 Dec 16 j 04:08	0° M		morning rise	-3961 Nov 16 j 21:23	13° Q 52'54	
morning max el	-3962 Dec 22 j 10:03	5° M 12'41	26°34'38	direct	-3961 Nov 22 j 19:32	11° Q 17'07	
desc. node	-3962 Dec 30 j 09:56	14° M 22'55		morning max el	-3961 Dec 04 j 18:57	18° Q 23'04	25°23'33
	-3961 Jan 10 j 12:13	0° J			-3961 Dec 14 j 15:15	0° M	
morning set	-3961 Jan 27 j 09:44	28° J 51'35		desc. node	-3961 Dec 17 j 06:58	3° M 34'30	
	-3961 Jan 28 j 00:09	0° B			-3960 Jan 03 j 13:03	0° J	
max. Earth dist.	-3961 Jan 31 j 15:47	7° B 06'15	1.34890 AU	morning set	-3960 Jan 10 j 00:51	11° J 19'41	
				max. Earth dist.	-3960 Jan 13 j 19:07	18° J 15'47	1.36517 AU
superior conj	-3961 Feb 05 j 01:09	15° B 59'43	-1°21'01				
minimum elong	-3961 Feb 05 j 04:14	16° B 15'40	1°20'44	superior conj	-3960 Jan 19 j 17:05	29° J 42'53	-1°39'19
	-3961 Feb 11 j 18:24	0° \approx		minimum elong	-3960 Jan 19 j 20:05	29° J 57'47	1°39'12
evening rise	-3961 Feb 12 j 15:24	1° \approx 48'44			-3960 Jan 19 j 20:32	0° B	
asc. node	-3961 Feb 13 j 21:37	4° \approx 23'47		evening rise	-3960 Jan 27 j 19:56	16° B 07'36	
	-3961 Mar 01 j 06:24	0° H					

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-3960 Jan 31 j 18:38	23° Z 56'38		asc. node	-3959 Jan 17 j 15:41	13° Z 04'49	
	-3960 Feb 04 j 00:56	0° \approx		evening max el	-3959 Jan 27 j 06:56	26° Z 41'18	18°52'55
evening max el	-3960 Feb 14 j 09:30	14° \approx 27'32	19°45'26		-3959 Feb 01 j 03:39	0° \approx	
retrograde	-3960 Feb 24 j 02:46	19° \approx 04'09		retrograde	-3959 Feb 04 j 13:28	0° \approx 40'09	
evening set	-3960 Feb 26 j 10:21	18° \approx 49'39		evening set	-3959 Feb 06 j 23:47	0° \approx 20'57	
inferior conj	-3960 Mar 05 j 23:58	14° \approx 47'06	2°10'02		-3959 Feb 08 j 02:38	30° R Z	
minimum elong	-3960 Mar 06 j 04:42	14° \approx 39'40	2°08'31	inferior conj	-3959 Feb 14 j 19:59	26° Z 01'55	3°21'54
min. Earth dist.	-3960 Mar 08 j 09:52	13° \approx 16'45	0.56025 AU	minimum elong	-3959 Feb 15 j 00:20	25° Z 54'02	3°20'55
desc. node	-3960 Mar 14 j 06:00	10° \approx 21'01		min. Earth dist.	-3959 Feb 18 j 01:29	23° Z 42'45	0.57552 AU
morning rise	-3960 Mar 14 j 20:39	10° \approx 08'59		morning rise	-3959 Feb 22 j 22:22	20° Z 54'28	
direct	-3960 Mar 19 j 02:12	9° \approx 29'02		direct	-3959 Feb 28 j 09:37	19° Z 42'35	
morning max el	-3960 Apr 02 j 00:18	16° \approx 28'28	24°18'02	desc. node	-3959 Mar 01 j 03:08	19° Z 43'53	
	-3960 Apr 12 j 20:57	0° H		morning max el	-3959 Mar 14 j 15:28	27° Z 06'01	25°50'11
morning set	-3960 Apr 26 j 23:42	25° H 53'54			-3959 Mar 17 j 10:36	0° \approx	
asc. node	-3960 Apr 28 j 18:13	29° H 39'06			-3959 Apr 06 j 01:30	0° H	
	-3960 Apr 28 j 22:08	0° Y		morning set	-3959 Apr 11 j 11:38	10° H 55'35	
				asc. node	-3959 Apr 15 j 15:13	19° H 48'44	
superior conj	-3960 May 04 j 00:51	11° Y 02'26	0°52'25	superior conj	-3959 Apr 18 j 11:43	26° H 02'29	0°29'24
minimum elong	-3960 May 03 j 22:45	10° Y 51'03	0°52'03	minimum elong	-3959 Apr 18 j 10:28	25° H 55'34	0°29'07
max. Earth dist.	-3960 May 05 j 16:56	14° Y 38'03	1.33311 AU	max. Earth dist.	-3959 Apr 19 j 04:04	27° H 31'41	1.32771 AU
evening rise	-3960 May 11 j 09:50	26° Y 32'55			-3959 Apr 20 j 07:20	0° Y	
	-3960 May 13 j 03:16	0° B		evening rise	-3959 Apr 25 j 14:13	11° Y 14'26	
	-3960 May 30 j 13:59	0° II			-3959 May 05 j 09:07	0° B	
desc. node	-3960 Jun 10 j 04:42	13° II 40'39		evening max el	-3959 May 26 j 15:34	29° B 23'10	27°03'23
evening max el	-3960 Jun 13 j 09:47	16° II 59'03	27°24'58		-3959 May 27 j 07:14	0° II	
retrograde	-3960 Jun 27 j 03:46	24° II 22'27		desc. node	-3959 May 28 j 01:48	0° II 41'56	
evening set	-3960 Jul 04 j 07:28	21° II 47'26		retrograde	-3959 Jun 09 j 14:37	6° II 44'27	
min. Earth dist.	-3960 Jul 07 j 21:37	18° II 43'10	0.63123 AU	evening set	-3959 Jun 16 j 12:03	4° II 35'10	
inferior conj	-3960 Jul 10 j 15:54	15° II 57'47	-3°55'13	min. Earth dist.	-3959 Jun 20 j 05:04	1° II 50'20	0.61223 AU
minimum elong	-3960 Jul 10 j 19:13	15° II 49'27	3°54'29		-3959 Jun 22 j 07:39	30° R B	
morning rise	-3960 Jul 17 j 07:57	10° II 45'20		inferior conj	-3959 Jun 23 j 10:32	29° B 00'14	-4°16'22
direct	-3960 Jul 19 j 23:11	10° II 12'17		minimum elong	-3959 Jun 23 j 12:06	28° B 56'47	4°16'06
asc. node	-3960 Jul 25 j 17:43	12° II 50'28		morning rise	-3959 Jun 30 j 13:47	24° B 08'45	
morning max el	-3960 Jul 26 j 13:20	13° II 36'25	17°56'34	direct	-3959 Jul 03 j 03:03	23° B 41'56	
	-3960 Aug 06 j 19:20	0° E		morning max el	-3959 Jul 10 j 02:44	27° B 09'21	18°02'30
morning set	-3960 Aug 12 j 05:43	9° E 30'18		asc. node	-3959 Jul 12 j 14:47	29° B 56'17	
					-3959 Jul 12 j 15:58	0° II	
superior conj	-3960 Aug 24 j 02:37	29° E 57'13	1°16'55	morning set	-3959 Jul 26 j 03:49	22° II 26'59	
minimum elong	-3960 Aug 24 j 08:18	0° Ω 20'58	1°16'30		-3959 Jul 30 j 06:27	0° E	
	-3960 Aug 24 j 03:17	0° Ω		superior conj	-3959 Aug 05 j 10:54	11° E 05'50	1°39'23
max. Earth dist.	-3960 Aug 30 j 13:01	10° Ω 31'05	1.43505 AU	minimum elong	-3959 Aug 05 j 14:31	11° E 21'42	1°39'19
desc. node	-3960 Sep 06 j 04:04	21° Ω 02'57		max. Earth dist.	-3959 Aug 12 j 22:58	23° E 55'40	1.41956 AU
evening rise	-3960 Sep 08 j 16:07	24° Ω 56'55			-3959 Aug 16 j 15:43	0° Ω	
	-3960 Sep 11 j 22:47	0° H		evening rise	-3959 Aug 19 j 03:28	4° Ω 00'11	
	-3960 Oct 02 j 14:59	0° A		desc. node	-3959 Aug 24 j 01:01	11° Ω 41'35	
evening max el	-3960 Oct 08 j 01:07	6° A 22'12	20°57'58		-3959 Sep 05 j 08:00	0° H	
retrograde	-3960 Oct 16 j 09:59	11° A 19'17		evening max el	-3959 Sep 20 j 19:39	19° H 47'25	22°13'02
evening set	-3960 Oct 20 j 09:12	9° A 49'51		retrograde	-3959 Sep 30 j 05:28	25° H 22'53	
asc. node	-3960 Oct 21 j 16:41	8° A 40'57		evening set	-3959 Oct 04 j 17:09	23° H 34'44	
inferior conj	-3960 Oct 25 j 18:30	3° A 39'48	1°21'53	asc. node	-3959 Oct 08 j 13:48	19° H 17'44	
minimum elong	-3960 Oct 25 j 16:41	3° A 45'58	1°21'09	inferior conj	-3959 Oct 10 j 00:44	17° H 18'30	0°29'50
min. Earth dist.	-3960 Oct 26 j 06:03	3° A 00'22	0.67089 AU	minimum elong	-3959 Oct 10 j 00:03	17° H 20'53	0°29'36
	-3960 Oct 28 j 13:13	30° R H		min. Earth dist.	-3959 Oct 10 j 01:45	17° H 15'00	0.67391 AU
morning rise	-3960 Oct 31 j 00:01	27° H 24'35		morning rise	-3959 Oct 15 j 06:50	11° H 04'15	
direct	-3960 Nov 05 j 06:56	25° H 08'02		direct	-3959 Oct 19 j 22:42	9° H 09'17	
	-3960 Nov 14 j 11:30	0° A		morning max el	-3959 Oct 29 j 14:48	14° H 54'48	22°33'44
morning max el	-3960 Nov 16 j 03:38	1° A 36'54	24°00'06		-3959 Nov 10 j 18:39	0° A	
desc. node	-3960 Dec 03 j 03:56	23° A 17'53		desc. node	-3959 Nov 20 j 00:53	13° A 24'03	
	-3960 Dec 07 j 16:38	0° M			-3959 Nov 30 j 17:07	0° M	
morning set	-3960 Dec 21 j 17:31	22° M 36'40		morning set	-3959 Dec 02 j 06:22	2° M 31'00	
max. Earth dist.	-3960 Dec 25 j 15:38	29° M 28'02	1.38483 AU	max. Earth dist.	-3959 Dec 07 j 13:00	11° M 17'23	1.40553 AU
	-3960 Dec 25 j 22:49	0° X		superior conj	-3959 Dec 15 j 07:16	24° M 52'03	-1°54'31
superior conj	-3959 Jan 01 j 20:43	12° X 44'29	-1°51'31	minimum elong	-3959 Dec 15 j 06:28	24° M 48'27	1°54'39
minimum elong	-3959 Jan 01 j 22:32	12° X 53'06	1°51'36		-3959 Dec 18 j 02:53	0° X	
evening rise	-3959 Jan 10 j 17:45	0° Z 00'23					
	-3959 Jan 10 j 17:41	0° Z					

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening rise	-3959 Dec 25 j 05:58	13° ♁ 20'10		minimum elong	-3958 Nov 26 j 14:28	5° ♁ 32'11	1°44'23
	-3958 Jan 03 j 11:36	0° ♁		evening rise	-3958 Dec 08 j 04:51	25° ♁ 58'30	
asc. node	-3958 Jan 04 j 12:45	1° ♁ 40'19			-3958 Dec 10 j 10:28	0° ♁	
evening max el	-3958 Jan 10 j 12:12	9° ♁ 23'29	18°20'32	asc. node	-3958 Dec 22 j 09:51	19° ♁ 32'47	
retrograde	-3958 Jan 17 j 18:48	13° ♁ 00'03		evening max el	-3958 Dec 24 j 22:34	22° ♁ 26'09	18°08'08
evening set	-3958 Jan 20 j 08:09	12° ♁ 34'29		retrograde	-3958 Dec 31 j 15:48	25° ♁ 54'17	
inferior conj	-3958 Jan 27 j 12:34	7° ♁ 54'39	3°56'47	evening set	-3957 Jan 03 j 08:08	25° ♁ 21'15	
minimum elong	-3958 Jan 27 j 14:17	7° ♁ 51'00	3°56'29	inferior conj	-3957 Jan 09 j 23:36	20° ♁ 20'10	4°02'03
min. Earth dist.	-3958 Jan 30 j 21:13	5° ♁ 05'55	0.59479 AU	minimum elong	-3957 Jan 09 j 22:43	20° ♁ 22'16	4°01'51
morning rise	-3958 Feb 03 j 18:29	2° ♁ 24'02		min. Earth dist.	-3957 Jan 13 j 00:07	17° ♁ 25'38	0.61478 AU
direct	-3958 Feb 10 j 05:26	0° ♁ 32'59		morning rise	-3957 Jan 16 j 12:04	14° ♁ 33'49	
desc. node	-3958 Feb 16 j 00:16	1° ♁ 56'34		direct	-3957 Jan 23 j 11:43	12° ♁ 08'28	
morning max el	-3958 Feb 24 j 11:09	8° ♁ 09'28	27°00'17	desc. node	-3957 Feb 02 j 21:22	16° ♁ 37'01	
	-3958 Mar 13 j 00:30	0° ♁		morning max el	-3957 Feb 06 j 13:03	19° ♁ 51'45	27°37'43
morning set	-3958 Mar 26 j 21:39	25° ♁ 50'37			-3957 Feb 15 j 06:23	0° ♁	
	-3958 Mar 28 j 21:01	0° ♁			-3957 Mar 05 j 19:50	0° ♁	
				morning set	-3957 Mar 11 j 03:49	10° ♁ 31'59	
superior conj	-3958 Apr 02 j 23:30	11° ♁ 03'44	0°04'56	max. Earth dist.	-3957 Mar 17 j 05:29	23° ♁ 22'47	1.32701 AU
minimum elong	-3958 Apr 02 j 23:17	11° ♁ 02'34	0°04'49				
behind sun begin	-3958 Apr 02 j 18:29	10° ♁ 36'21		superior conj	-3957 Mar 18 j 10:32	26° ♁ 00'31	-0°20'13
behind sun end	-3958 Apr 03 j 04:04	11° ♁ 28'46		minimum elong	-3957 Mar 18 j 11:26	26° ♁ 05'29	0°20'08
max. Earth dist.	-3958 Apr 02 j 17:32	10° ♁ 31'08	1.32565 AU	asc. node	-3957 Mar 20 j 09:13	0° ♁ 14'57	
asc. node	-3958 Apr 02 j 12:12	10° ♁ 01'58			-3957 Mar 20 j 06:28	0° ♁	
evening rise	-3958 Apr 09 j 22:59	26° ♁ 07'40		evening rise	-3957 Mar 25 j 10:06	11° ♁ 05'30	
	-3958 Apr 11 j 19:55	0° ♁			-3957 Apr 04 j 03:57	0° ♁	
	-3958 Apr 29 j 05:39	0° ♁		evening max el	-3957 Apr 20 j 09:09	22° ♁ 08'53	24°50'38
evening max el	-3958 May 08 j 15:11	11° ♁ 04'45	26°09'46	desc. node	-3957 May 01 j 20:05	28° ♁ 59'50	
desc. node	-3958 May 14 j 22:56	16° ♁ 00'18		retrograde	-3957 May 04 j 09:30	29° ♁ 15'05	
retrograde	-3958 May 22 j 17:16	18° ♁ 22'10		evening set	-3957 May 09 j 07:06	28° ♁ 20'10	
evening set	-3958 May 28 j 20:15	16° ♁ 49'22		min. Earth dist.	-3957 May 14 j 21:22	25° ♁ 24'25	0.57263 AU
min. Earth dist.	-3958 Jun 02 j 03:54	14° ♁ 07'08	0.59175 AU	inferior conj	-3957 May 17 j 19:54	23° ♁ 27'39	-3°42'57
inferior conj	-3958 Jun 05 j 12:52	11° ♁ 32'48	-4°15'38	minimum elong	-3957 May 17 j 14:56	23° ♁ 35'56	3°42'01
minimum elong	-3958 Jun 05 j 11:17	11° ♁ 35'51	4°15'27	morning rise	-3957 May 26 j 01:53	19° ♁ 17'34	
morning rise	-3958 Jun 13 j 04:51	7° ♁ 03'18		direct	-3957 May 28 j 13:18	18° ♁ 59'57	
direct	-3958 Jun 15 j 17:01	6° ♁ 41'36		morning max el	-3957 Jun 06 j 13:37	23° ♁ 12'03	19°13'48
morning max el	-3958 Jun 23 j 11:48	10° ♁ 24'13	18°28'03		-3957 Jun 12 j 05:18	0° ♁	
asc. node	-3958 Jun 29 j 11:49	17° ♁ 56'50		asc. node	-3957 Jun 16 j 08:51	6° ♁ 39'47	
	-3958 Jul 06 j 10:48	0° ♁		morning set	-3957 Jun 23 j 13:14	20° ♁ 14'22	
morning set	-3958 Jul 09 j 15:36	6° ♁ 04'46			-3957 Jun 28 j 10:57	0° ♁	
superior conj	-3958 Jul 18 j 18:53	23° ♁ 26'01	1°48'35	superior conj	-3957 Jul 01 j 20:48	6° ♁ 41'43	1°47'19
minimum elong	-3958 Jul 18 j 19:47	23° ♁ 30'11	1°48'44	minimum elong	-3957 Jul 01 j 19:38	6° ♁ 36'04	1°47'26
	-3958 Jul 22 j 09:19	0° ♁		max. Earth dist.	-3957 Jul 08 j 04:30	18° ♁ 37'05	1.38134 AU
max. Earth dist.	-3958 Jul 26 j 02:58	6° ♁ 35'37	1.40077 AU	evening rise	-3957 Jul 12 j 01:18	25° ♁ 32'41	
evening rise	-3958 Jul 30 j 13:15	14° ♁ 07'40			-3957 Jul 14 j 15:04	0° ♁	
	-3958 Aug 09 j 11:27	0° ♁		desc. node	-3957 Jul 28 j 19:02	22° ♁ 28'28	
desc. node	-3958 Aug 10 j 22:00	2° ♁ 11'40			-3957 Aug 03 j 01:44	0° ♁	
	-3958 Aug 31 j 08:51	0° ♁		evening max el	-3957 Aug 16 j 20:10	16° ♁ 42'50	24°52'30
evening max el	-3958 Sep 03 j 09:07	3° ♁ 13'15	23°33'27	retrograde	-3957 Aug 28 j 10:47	23° ♁ 28'58	
retrograde	-3958 Sep 13 j 22:05	9° ♁ 27'12		evening set	-3957 Sep 03 j 03:30	21° ♁ 02'53	
evening set	-3958 Sep 18 j 23:51	7° ♁ 19'30		min. Earth dist.	-3957 Sep 07 j 16:43	15° ♁ 50'34	0.67095 AU
inferior conj	-3958 Sep 24 j 07:18	1° ♁ 00'35	-0°23'37	inferior conj	-3957 Sep 08 j 12:30	14° ♁ 44'53	-1°16'50
minimum elong	-3958 Sep 24 j 07:51	0° ♁ 58'43	0°23'17	minimum elong	-3957 Sep 08 j 14:18	14° ♁ 38'56	1°15'59
min. Earth dist.	-3958 Sep 23 j 22:07	1° ♁ 32'05	0.67395 AU	asc. node	-3957 Sep 12 j 08:03	10° ♁ 08'35	
asc. node	-3958 Sep 25 j 10:56	29° ♁ 26'54		morning rise	-3957 Sep 14 j 01:06	8° ♁ 41'22	
	-3958 Sep 25 j 01:05	30° ♁		direct	-3957 Sep 17 j 15:39	7° ♁ 26'09	
morning rise	-3958 Sep 29 j 15:49	24° ♁ 50'10		morning max el	-3957 Sep 25 j 07:04	11° ♁ 52'03	20°01'44
direct	-3958 Oct 03 j 18:00	23° ♁ 16'14			-3957 Oct 08 j 21:33	0° ♁	
morning max el	-3958 Oct 12 j 07:23	28° ♁ 19'04	21°12'21	morning set	-3957 Oct 21 j 14:23	19° ♁ 22'13	
	-3958 Oct 13 j 21:10	0° ♁		desc. node	-3957 Oct 24 j 18:46	24° ♁ 19'02	
	-3958 Nov 04 j 10:40	0° ♁			-3957 Oct 28 j 09:49	0° ♁	
desc. node	-3958 Nov 06 j 21:50	3° ♁ 45'56		max. Earth dist.	-3957 Nov 02 j 02:35	7° ♁ 26'49	1.43887 AU
morning set	-3958 Nov 11 j 16:18	11° ♁ 10'12					
max. Earth dist.	-3958 Nov 19 j 16:09	23° ♁ 57'55	1.42440 AU	superior conj	-3957 Nov 07 j 03:32	15° ♁ 34'09	-1°18'23
	-3958 Nov 23 j 07:46	0° ♁		minimum elong	-3957 Nov 06 j 20:32	15° ♁ 05'44	1°17'41
					-3957 Nov 15 j 20:20	0° ♁	
superior conj	-3958 Nov 26 j 18:58	5° ♁ 51'23	-1°44'35	evening rise	-3957 Nov 20 j 10:03	7° ♁ 47'04	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3957 Dec 03 j 21:23	0°♊		evening rise	-3956 Oct 31 j 17:00	18°♊37'21	
evening max el	-3957 Dec 08 j 11:09	5°♊42'07	18°14'54		-3956 Nov 07 j 16:16	0°♋	
asc. node	-3957 Dec 09 j 06:56	6°♊29'45		evening max el	-3956 Nov 20 j 23:17	19°♋05'52	18°39'51
retrograde	-3957 Dec 15 j 00:11	9°♊13'36		asc. node	-3956 Nov 25 j 04:01	22°♋16'41	
evening set	-3957 Dec 17 j 20:11	8°♊31'51		retrograde	-3956 Nov 27 j 15:59	22°♋50'48	
inferior conj	-3957 Dec 24 j 01:21	3°♊10'36	3°46'19	evening set	-3956 Nov 30 j 17:01	21°♋58'41	
minimum elong	-3957 Dec 23 j 22:51	3°♊17'25	3°45'48	inferior conj	-3956 Dec 06 j 14:12	16°♋19'36	3°16'21
min. Earth dist.	-3957 Dec 26 j 12:14	0°♊31'01	0.63308 AU	minimum elong	-3956 Dec 06 j 11:04	16°♋28'59	3°15'28
	-3957 Dec 27 j 00:09	30°♋		min. Earth dist.	-3956 Dec 08 j 10:14	14°♋08'16	0.64823 AU
morning rise	-3957 Dec 30 j 00:49	27°♋13'19		morning rise	-3956 Dec 12 j 04:45	10°♋14'07	
direct	-3956 Jan 06 j 02:05	24°♋27'19		direct	-3956 Dec 18 j 23:08	7°♋22'56	
	-3956 Jan 17 j 11:16	0°♌		morning max el	-3955 Jan 01 j 05:10	15°♋00'59	27°06'12
morning max el	-3956 Jan 19 j 19:48	2°♌11'35	27°38'49	desc. node	-3955 Jan 06 j 15:26	20°♋59'53	
desc. node	-3956 Jan 20 j 18:25	3°♌08'35			-3955 Jan 13 j 13:32	0°♍	
	-3956 Feb 09 j 12:17	0°♎			-3955 Feb 01 j 04:32	0°♎	
morning set	-3956 Feb 23 j 03:40	24°♎50'18		morning set	-3955 Feb 05 j 18:13	8°♎35'59	
	-3956 Feb 25 j 16:38	0°♏		max. Earth dist.	-3955 Feb 10 j 09:31	17°♎49'31	1.34155 AU
max. Earth dist.	-3956 Feb 28 j 12:00	5°♏52'05	1.33216 AU				
				superior conj	-3955 Feb 13 j 23:05	25°♎12'28	-1°08'37
superior conj	-3956 Mar 01 j 19:02	10°♏45'31	-0°45'06	minimum elong	-3955 Feb 14 j 01:54	25°♎27'14	1°08'18
minimum elong	-3956 Mar 01 j 21:00	10°♏56'09	0°44'50		-3955 Feb 16 j 05:36	0°♐	
asc. node	-3956 Mar 06 j 06:13	20°♏22'42		evening rise	-3955 Feb 21 j 08:03	10°♏46'06	
evening rise	-3956 Mar 08 j 21:41	26°♏00'19		asc. node	-3955 Feb 21 j 03:14	10°♏20'58	
	-3956 Mar 10 j 19:50	0°♑			-3955 Mar 03 j 10:48	0°♑	
	-3956 Mar 29 j 06:54	0°♒		evening max el	-3955 Mar 13 j 21:19	13°♑42'26	21°45'21
evening max el	-3956 Apr 01 j 01:13	2°♒52'39	23°17'52	retrograde	-3955 Mar 26 j 04:43	19°♑38'57	
retrograde	-3956 Apr 14 j 12:41	9°♒32'27		evening set	-3955 Mar 28 j 20:23	19°♑23'11	
desc. node	-3956 Apr 17 j 17:14	9°♒10'06		desc. node	-3955 Apr 04 j 14:21	16°♑46'01	
evening set	-3956 Apr 18 j 02:31	9°♒04'27		inferior conj	-3955 Apr 07 j 04:42	15°♑20'02	-0°43'10
min. Earth dist.	-3956 Apr 25 j 12:06	5°♒43'47	0.55832 AU	minimum elong	-3955 Apr 07 j 02:42	15°♑22'51	0°42'31
inferior conj	-3956 Apr 27 j 07:13	4°♒40'12	-2°30'21	min. Earth dist.	-3955 Apr 07 j 01:53	15°♑24'00	0.55181 AU
minimum elong	-3956 Apr 27 j 01:30	4°♒48'41	2°28'42	morning rise	-3955 Apr 16 j 09:43	11°♑19'23	
morning rise	-3956 May 06 j 03:00	0°♒41'55		direct	-3955 Apr 19 j 04:47	11°♑02'04	
direct	-3956 May 08 j 15:16	0°♒26'27		morning max el	-3955 May 01 j 10:29	16°♑50'19	21°44'18
morning max el	-3956 May 19 j 05:33	5°♒22'20	20°19'51		-3955 May 11 j 16:05	0°♓	
asc. node	-3956 Jun 02 j 05:51	25°♒54'08		asc. node	-3955 May 20 j 02:51	15°♒31'55	
	-3956 Jun 04 j 08:29	0°♔		morning set	-3955 May 22 j 02:34	19°♒36'00	
morning set	-3956 Jun 06 j 17:39	4°♔47'00			-3955 May 27 j 01:32	0°♕	
superior conj	-3956 Jun 14 j 11:31	20°♔37'38	1°38'16	superior conj	-3955 May 29 j 11:14	5°♕02'40	1°23'31
minimum elong	-3956 Jun 14 j 09:11	20°♔25'53	1°38'12	minimum elong	-3955 May 29 j 08:32	4°♕48'38	1°23'16
	-3956 Jun 19 j 05:07	0°♖		max. Earth dist.	-3955 Jun 02 j 00:20	12°♕20'53	1.34880 AU
max. Earth dist.	-3956 Jun 19 j 10:00	0°♖23'37	1.36353 AU	evening rise	-3955 Jun 06 j 15:30	21°♕30'15	
evening rise	-3956 Jun 23 j 11:50	8°♖05'05			-3955 Jun 11 j 04:43	0°♗	
	-3956 Jun 06 j 08:12	0°♘			-3955 Jun 30 j 03:29	0°♘	
desc. node	-3956 Jul 14 j 16:05	12°♘24'57		desc. node	-3955 Jul 01 j 13:07	1°♘52'18	
	-3956 Jul 29 j 01:07	0°♙		evening max el	-3955 Jul 11 j 18:29	13°♘42'07	26°54'47
evening max el	-3956 Jul 29 j 07:07	0°♙14'44	26°02'21	retrograde	-3955 Jul 24 j 21:38	21°♘02'00	
retrograde	-3956 Aug 10 j 18:48	7°♙22'45		evening set	-3955 Jul 31 j 17:15	18°♘14'02	
evening set	-3956 Aug 17 j 02:07	4°♙42'07		min. Earth dist.	-3955 Aug 04 j 14:34	14°♘17'55	0.65462 AU
	-3956 Aug 21 j 09:23	30°♚		inferior conj	-3955 Aug 06 j 11:10	12°♘07'33	-2°55'35
min. Earth dist.	-3956 Aug 21 j 07:00	0°♚07'29	0.66459 AU	minimum elong	-3955 Aug 06 j 14:49	11°♘56'53	2°54'19
inferior conj	-3956 Aug 22 j 14:29	28°♘28'22	-2°08'09	morning rise	-3955 Aug 12 j 12:45	6°♘27'55	
minimum elong	-3956 Aug 22 j 17:23	28°♘19'15	2°06'58	direct	-3955 Aug 15 j 10:47	5°♘40'54	
morning rise	-3956 Aug 28 j 08:47	22°♘35'09		asc. node	-3955 Aug 16 j 02:12	5°♘43'10	
asc. node	-3956 Aug 29 j 05:07	22°♘07'54		morning max el	-3955 Aug 22 j 01:23	9°♘18'26	18°24'58
direct	-3956 Aug 31 j 13:57	21°♘35'35			-3955 Sep 05 j 08:47	0°♛	
morning max el	-3956 Sep 07 j 13:37	25°♘32'53	19°05'21	morning set	-3955 Sep 10 j 11:48	8°♛22'56	
	-3956 Sep 11 j 08:33	0°♜			-3955 Sep 23 j 21:51	0°♞	
morning set	-3956 Sep 30 j 00:15	28°♛14'43					
	-3956 Oct 01 j 03:00	0°♟		superior conj	-3955 Sep 25 j 11:14	2°♞28'07	0°13'03
desc. node	-3956 Oct 10 j 15:43	14°♟59'28		minimum elong	-3955 Sep 25 j 12:55	2°♞34'47	0°12'55
max. Earth dist.	-3956 Oct 14 j 18:53	21°♟30'05	1.44700 AU	behind sun begin	-3955 Sep 25 j 06:00	2°♞07'23	
				behind sun end	-3955 Sep 25 j 19:51	3°♞02'10	
superior conj	-3956 Oct 16 j 11:37	24°♞11'01	-0°36'26	max. Earth dist.	-3955 Sep 27 j 13:20	5°♞46'00	1.44788 AU
minimum elong	-3956 Oct 16 j 07:02	23°♞52'51	0°35'50	desc. node	-3955 Sep 27 j 12:38	5°♞43'15	
	-3956 Oct 20 j 03:38	0°♠		evening rise	-3955 Oct 11 j 22:59	28°♞23'34	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3955 Oct 12 j 23:33	0°♄		minimum elong	-3954 Sep 05 j 06:46	11°♄53'33	0°56'45
greatest brilliancy	-3955 Oct 22 j 06:16	14°♄29'56	-0.8m	max. Earth dist.	-3954 Sep 10 j 06:12	19°♄54'25	1.44157 AU
	-3955 Nov 02 j 02:30	0°♄		desc. node	-3954 Sep 14 j 09:35	26°♄27'50	
evening max el	-3955 Nov 04 j 08:23	2°♄32'01	19°21'51		-3954 Sep 16 j 15:42	0°♄	
retrograde	-3955 Nov 11 j 11:54	6°♄39'27		evening rise	-3954 Sep 21 j 08:31	7°♄18'11	
asc. node	-3955 Nov 12 j 01:07	6°♄37'42			-3954 Oct 06 j 08:17	0°♄	
evening set	-3955 Nov 14 j 19:46	5°♄34'52		evening max el	-3954 Oct 18 j 12:30	15°♄58'30	20°19'06
inferior conj	-3955 Nov 20 j 10:58	29°♄40'58	2°36'41	retrograde	-3954 Oct 26 j 09:13	20°♄36'03	
minimum elong	-3955 Nov 20 j 07:58	29°♄50'36	2°35'40	asc. node	-3954 Oct 29 j 22:14	19°♄23'19	
	-3955 Nov 20 j 05:01	30°♄		evening set	-3954 Oct 30 j 02:06	19°♄16'32	
min. Earth dist.	-3955 Nov 21 j 17:10	28°♄04'12	0.65975 AU	inferior conj	-3954 Nov 04 j 13:05	13°♄11'18	1°50'31
morning rise	-3955 Nov 25 j 19:55	23°♄29'35		minimum elong	-3954 Nov 04 j 10:44	13°♄19'11	1°49'37
direct	-3955 Dec 02 j 02:10	20°♄45'46		min. Earth dist.	-3954 Nov 05 j 07:04	12°♄10'50	0.66777 AU
morning max el	-3955 Dec 14 j 14:46	28°♄07'19	26°06'34	morning rise	-3954 Nov 09 j 19:10	6°♄56'28	
	-3955 Dec 16 j 10:10	0°♄		direct	-3954 Nov 15 j 10:46	4°♄28'29	
desc. node	-3955 Dec 24 j 12:27	9°♄46'53		morning max el	-3954 Nov 26 j 23:36	11°♄20'30	24°48'54
	-3954 Jan 07 j 07:10	0°♄		desc. node	-3954 Dec 11 j 09:27	29°♄13'18	
morning set	-3954 Jan 19 j 19:20	21°♄36'18			-3954 Dec 11 j 22:40	0°♄	
max. Earth dist.	-3954 Jan 23 j 19:32	29°♄13'11	1.35538 AU		-3954 Dec 31 j 00:13	0°♄	
	-3954 Jan 24 j 05:10	0°♄		morning set	-3953 Jan 02 j 01:40	3°♄36'16	
				max. Earth dist.	-3953 Jan 05 j 19:08	10°♄19'20	1.37325 AU
superior conj	-3954 Jan 28 j 20:15	9°♄13'27	-1°29'22				
minimum elong	-3954 Jan 28 j 23:24	9°♄29'30	1°29'09	superior conj	-3953 Jan 12 j 07:25	22°♄39'54	-1°45'24
evening rise	-3954 Feb 05 j 15:17	25°♄16'16		minimum elong	-3953 Jan 12 j 10:05	22°♄52'51	1°45'24
	-3954 Feb 07 j 23:21	0°♄			-3953 Jan 16 j 00:32	0°♄	
asc. node	-3954 Feb 08 j 00:15	0°♄04'30		evening rise	-3953 Jan 20 j 17:17	9°♄24'41	
evening max el	-3954 Feb 24 j 02:25	24°♄59'56	20°24'14	asc. node	-3953 Jan 25 j 21:18	19°♄27'41	
	-3954 Mar 05 j 09:35	0°♄			-3953 Feb 01 j 02:51	0°♄	
retrograde	-3954 Mar 06 j 19:08	0°♄05'03		evening max el	-3953 Feb 06 j 18:15	6°♄54'13	19°20'37
	-3954 Mar 08 j 05:10	30°♄		retrograde	-3953 Feb 15 j 19:52	11°♄13'11	
evening set	-3954 Mar 09 j 02:34	29°♄51'49		evening set	-3953 Feb 18 j 04:10	10°♄57'08	
inferior conj	-3954 Mar 18 j 01:14	25°♄53'19	1°12'30	inferior conj	-3953 Feb 26 j 10:24	6°♄48'38	2°45'16
minimum elong	-3954 Mar 18 j 04:21	25°♄48'44	1°11'21	minimum elong	-3953 Feb 26 j 15:25	6°♄40'17	2°43'52
min. Earth dist.	-3954 Mar 19 j 15:54	24°♄56'27	0.55456 AU	min. Earth dist.	-3953 Mar 01 j 06:54	4°♄55'23	0.56598 AU
desc. node	-3954 Mar 22 j 11:27	23°♄23'11		morning rise	-3953 Mar 06 j 23:56	1°♄57'08	
morning rise	-3954 Mar 27 j 04:36	21°♄32'05		desc. node	-3953 Mar 09 j 08:36	1°♄18'29	
direct	-3954 Mar 30 j 18:00	21°♄04'29		direct	-3953 Mar 11 j 18:04	1°♄05'07	
morning max el	-3954 Apr 13 j 06:09	27°♄42'12	23°21'12	morning max el	-3953 Mar 25 j 21:16	8°♄17'32	24°59'09
	-3954 Apr 15 j 12:23	0°♄			-3953 Apr 10 j 21:44	0°♄	
	-3954 May 04 j 08:41	0°♄		morning set	-3953 Apr 21 j 02:14	19°♄37'27	
morning set	-3954 May 06 j 14:01	4°♄35'02		asc. node	-3953 Apr 23 j 20:50	25°♄32'12	
asc. node	-3954 May 06 j 23:51	5°♄26'34			-3953 Apr 25 j 22:18	0°♄	
superior conj	-3954 May 13 j 17:02	19°♄47'39	1°04'40	superior conj	-3953 Apr 28 j 02:36	4°♄44'19	0°42'54
minimum elong	-3954 May 13 j 14:35	19°♄34'33	1°04'18	minimum elong	-3953 Apr 28 j 00:49	4°♄34'38	0°42'32
max. Earth dist.	-3954 May 16 j 00:21	24°♄41'24	1.33768 AU	max. Earth dist.	-3953 Apr 29 j 08:11	7°♄24'39	1.33027 AU
	-3954 May 18 j 13:31	0°♄		evening rise	-3953 May 05 j 08:19	20°♄05'11	
evening rise	-3954 May 21 j 07:35	5°♄34'22			-3953 May 10 j 08:59	0°♄	
	-3954 Jun 03 j 20:08	0°♄			-3953 May 29 j 01:49	0°♄	
desc. node	-3954 Jun 18 j 10:10	20°♄38'22		desc. node	-3953 Jun 05 j 07:17	8°♄24'54	
evening max el	-3954 Jun 24 j 05:18	26°♄54'40	27°22'32	evening max el	-3953 Jun 06 j 13:37	9°♄39'44	27°19'56
	-3954 Jun 27 j 18:04	0°♄		retrograde	-3953 Jun 20 j 10:25	17°♄03'26	
retrograde	-3954 Jul 07 j 19:05	4°♄19'01		evening set	-3953 Jun 27 j 12:40	14°♄37'32	
evening set	-3954 Jul 14 j 22:02	1°♄35'01		min. Earth dist.	-3953 Jul 01 j 02:49	11°♄43'24	0.62335 AU
	-3954 Jul 16 j 18:42	30°♄		inferior conj	-3953 Jul 04 j 02:30	8°♄53'30	-4°06'21
min. Earth dist.	-3954 Jul 18 j 13:32	28°♄14'17	0.64077 AU	minimum elong	-3953 Jul 04 j 05:16	8°♄46'55	4°05'50
inferior conj	-3954 Jul 21 j 00:11	25°♄38'21	-3°36'20	morning rise	-3953 Jul 10 j 23:09	3°♄49'52	
minimum elong	-3954 Jul 21 j 03:55	25°♄28'23	3°35'20	direct	-3953 Jul 13 j 13:14	3°♄19'49	
morning rise	-3954 Jul 27 j 10:33	20°♄15'27		morning max el	-3953 Jul 20 j 06:37	6°♄44'24	17°56'48
direct	-3954 Jul 30 j 03:38	19°♄38'06		asc. node	-3953 Jul 20 j 20:21	7°♄19'15	
asc. node	-3954 Aug 02 j 23:17	20°♄51'47			-3953 Aug 04 j 08:03	0°♄	
morning max el	-3954 Aug 05 j 15:59	23°♄04'37	18°01'49	morning set	-3953 Aug 05 j 14:07	2°♄14'57	
	-3954 Aug 11 j 02:55	0°♄					
morning set	-3954 Aug 23 j 02:03	19°♄47'45		superior conj	-3953 Aug 16 j 17:42	21°♄52'27	1°28'13
	-3954 Aug 29 j 02:11	0°♄		minimum elong	-3953 Aug 16 j 22:43	22°♄13'54	1°27'55
					-3953 Aug 21 j 13:45	0°♄	
superior conj	-3954 Sep 05 j 01:11	11°♄30'50	0°57'17	max. Earth dist.	-3953 Aug 23 j 18:44	3°♄37'40	1.42899 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening rise	-3953 Aug 31 j 13:15	16° Ω 02'17			-3952 Aug 13 j 04:18	0° Ω	
desc. node	-3953 Sep 01 j 06:32	17° Ω 09'43		desc. node	-3952 Aug 18 j 03:31	7° Ω 45'27	
	-3953 Sep 09 j 16:05	0° \mathbb{N}			-3952 Sep 02 j 12:02	0° \mathbb{N}	
evening max el	-3953 Oct 01 j 10:34	29° \mathbb{N} 24'19	21°28'53	evening max el	-3952 Sep 13 j 02:51	12° \mathbb{N} 50'19	22°47'01
	-3953 Oct 02 j 00:50	0° $\underline{\Omega}$		retrograde	-3952 Sep 23 j 00:07	18° \mathbb{N} 42'02	
retrograde	-3953 Oct 10 j 05:49	4° $\underline{\Omega}$ 37'42		evening set	-3952 Sep 27 j 17:37	16° \mathbb{N} 45'46	
evening set	-3953 Oct 14 j 09:59	3° $\underline{\Omega}$ 00'45		asc. node	-3952 Oct 02 j 16:29	10° \mathbb{N} 57'31	
asc. node	-3953 Oct 16 j 19:22	0° $\underline{\Omega}$ 39'15		inferior conj	-3952 Oct 03 j 00:59	10° \mathbb{N} 28'14	0°07'17
	-3953 Oct 17 j 08:25	30° \mathbb{R} \mathbb{N}		minimum elong	-3952 Oct 03 j 00:49	10° \mathbb{N} 28'49	0°07'16
inferior conj	-3953 Oct 19 j 18:23	26° \mathbb{N} 47'39	1°00'06	transit middle	-3952 Oct 03 j 00:49	10° \mathbb{N} 28'49	0°07'16
minimum elong	-3953 Oct 19 j 17:01	26° \mathbb{N} 52'20	0°59'34	transit begin	-3952 Oct 02 j 22:24	10° \mathbb{N} 37'10	
min. Earth dist.	-3953 Oct 20 j 01:26	26° \mathbb{N} 23'22	0.67256 AU	transit end	-3952 Oct 03 j 03:14	10° \mathbb{N} 20'29	
morning rise	-3953 Oct 24 j 23:53	20° \mathbb{N} 32'15		min. Earth dist.	-3952 Oct 02 j 21:44	10° \mathbb{N} 39'26	0.67433 AU
direct	-3953 Oct 30 j 00:19	18° \mathbb{N} 24'35		morning rise	-3952 Oct 08 j 07:53	4° \mathbb{N} 15'12	
morning max el	-3953 Nov 09 j 08:55	24° \mathbb{N} 35'53	23°23'03	direct	-3952 Oct 12 j 17:50	2° \mathbb{N} 29'09	
	-3953 Nov 14 j 04:49	0° $\underline{\Omega}$		morning max el	-3952 Oct 21 j 21:53	7° \mathbb{N} 55'39	21°58'02
desc. node	-3953 Nov 28 j 06:26	19° $\underline{\Omega}$ 07'35			-3952 Nov 07 j 20:26	0° $\underline{\Omega}$	
	-3953 Dec 05 j 10:31	0° \mathbb{M}		desc. node	-3952 Nov 14 j 03:22	9° $\underline{\Omega}$ 21'22	
morning set	-3953 Dec 14 j 07:03	14° \mathbb{M} 19'41		morning set	-3952 Nov 23 j 07:38	23° $\underline{\Omega}$ 38'58	
max. Earth dist.	-3953 Dec 18 j 14:35	21° \mathbb{M} 42'06	1.39365 AU		-3952 Nov 27 j 05:40	0° \mathbb{M}	
	-3953 Dec 23 j 06:37	0° \mathbb{X}		max. Earth dist.	-3952 Nov 29 j 14:01	3° \mathbb{M} 53'01	1.41399 AU
superior conj	-3953 Dec 26 j 04:29	5° \mathbb{X} 20'49	-1°54'08	superior conj	-3952 Dec 07 j 06:06	17° \mathbb{M} 01'47	-1°52'08
minimum elong	-3953 Dec 26 j 05:23	5° \mathbb{X} 24'57	1°54'17	minimum elong	-3952 Dec 07 j 03:47	16° \mathbb{M} 51'36	1°52'10
evening rise	-3952 Jan 04 j 11:26	23° \mathbb{X} 04'38			-3952 Dec 14 j 10:46	0° \mathbb{X}	
	-3952 Jan 08 j 02:22	0° \mathbb{Z}		evening rise	-3952 Dec 17 j 18:29	6° \mathbb{X} 08'03	
asc. node	-3952 Jan 12 j 18:21	8° \mathbb{Z} 23'30		asc. node	-3952 Dec 29 j 15:26	26° \mathbb{X} 42'21	
evening max el	-3952 Jan 20 j 19:30	19° \mathbb{Z} 22'17	18°36'45		-3951 Jan 01 j 02:30	0° \mathbb{Z}	
retrograde	-3952 Jan 28 j 14:22	23° \mathbb{Z} 09'25		evening max el	-3951 Jan 03 j 03:22	2° \mathbb{Z} 14'44	18°12'51
evening set	-3952 Jan 31 j 02:04	22° \mathbb{Z} 47'39		retrograde	-3951 Jan 10 j 02:49	5° \mathbb{Z} 45'48	
inferior conj	-3952 Feb 07 j 15:17	18° \mathbb{Z} 20'26	3°40'52	evening set	-3951 Jan 12 j 17:34	5° \mathbb{Z} 17'01	
minimum elong	-3952 Feb 07 j 18:38	18° \mathbb{Z} 13'57	3°40'14	inferior conj	-3951 Jan 19 j 16:06	0° \mathbb{Z} 27'58	4°02'05
min. Earth dist.	-3952 Feb 11 j 00:07	15° \mathbb{Z} 45'37	0.58344 AU	minimum elong	-3951 Jan 19 j 16:38	0° \mathbb{Z} 26'46	4°01'54
morning rise	-3952 Feb 15 j 08:49	13° \mathbb{Z} 02'12			-3951 Jan 20 j 04:32	30° \mathbb{R} \mathbb{X}	
direct	-3952 Feb 21 j 07:34	11° \mathbb{Z} 33'28		min. Earth dist.	-3951 Jan 22 j 22:17	27° \mathbb{X} 34'10	0.60344 AU
desc. node	-3952 Feb 24 j 05:44	11° \mathbb{Z} 54'38		morning rise	-3951 Jan 26 j 14:09	24° \mathbb{X} 50'18	
morning max el	-3952 Mar 06 j 13:49	19° \mathbb{Z} 03'53	26°23'25	direct	-3951 Feb 02 j 08:06	22° \mathbb{X} 43'29	
	-3952 Mar 15 j 19:35	0° \approx		desc. node	-3951 Feb 10 j 02:50	25° \mathbb{X} 14'43	
	-3952 Apr 02 j 07:45	0° \mathbb{X}			-3951 Feb 16 j 02:35	0° \mathbb{Z}	
morning set	-3952 Apr 04 j 13:34	4° \mathbb{X} 37'26		morning max el	-3951 Feb 16 j 11:55	0° \mathbb{Z} 22'33	27°20'32
asc. node	-3952 Apr 09 j 17:51	15° \mathbb{X} 44'24			-3951 Mar 09 j 18:40	0° \approx	
superior conj	-3952 Apr 11 j 14:05	19° \mathbb{X} 46'14	0°19'09	morning set	-3951 Mar 19 j 22:11	19° \approx 27'25	
minimum elong	-3952 Apr 11 j 13:14	19° \mathbb{X} 41'38	0°18'56		-3951 Mar 24 j 21:12	0° \mathbb{X}	
max. Earth dist.	-3952 Apr 11 j 20:41	20° \mathbb{X} 22'24	1.32640 AU	max. Earth dist.	-3951 Mar 26 j 10:04	3° \mathbb{X} 20'45	1.32587 AU
	-3952 Apr 16 j 07:14	0° \mathbb{Y}		superior conj	-3951 Mar 27 j 01:43	4° \mathbb{X} 46'15	-0°05'44
evening rise	-3952 Apr 18 j 14:52	4° \mathbb{Y} 53'21		minimum elong	-3951 Mar 27 j 01:58	4° \mathbb{X} 47'40	0°05'45
	-3952 May 02 j 02:26	0° \mathbb{B}		behind sun begin	-3951 Mar 26 j 21:16	4° \mathbb{X} 21'56	
evening max el	-3952 May 18 j 17:07	21° \mathbb{B} 46'57	26°44'23	behind sun end	-3951 Mar 27 j 06:41	5° \mathbb{X} 13'24	
desc. node	-3952 May 22 j 04:24	24° \mathbb{B} 46'51		asc. node	-3951 Mar 27 j 14:51	5° \mathbb{X} 58'07	
retrograde	-3952 Jun 01 j 18:03	29° \mathbb{B} 06'51		evening rise	-3951 Apr 03 j 00:53	19° \mathbb{X} 49'36	
evening set	-3952 Jun 08 j 08:58	27° \mathbb{B} 12'32			-3951 Apr 08 j 01:26	0° \mathbb{Y}	
min. Earth dist.	-3952 Jun 12 j 06:37	24° \mathbb{B} 30'36	0.60352 AU		-3951 Apr 27 j 12:21	0° \mathbb{B}	
inferior conj	-3952 Jun 15 j 14:40	21° \mathbb{B} 44'41	-4°19'20	evening max el	-3951 Apr 30 j 14:14	3° \mathbb{B} 11'35	25°38'36
minimum elong	-3952 Jun 15 j 15:02	21° \mathbb{B} 43'54	4°19'12	desc. node	-3951 May 09 j 01:32	9° \mathbb{B} 10'44	
morning rise	-3952 Jun 22 j 23:06	17° \mathbb{B} 02'15		retrograde	-3951 May 14 j 16:09	10° \mathbb{B} 24'36	
direct	-3952 Jun 25 j 11:46	16° \mathbb{B} 37'46		evening set	-3951 May 20 j 07:45	9° \mathbb{B} 08'40	
morning max el	-3952 Jul 02 j 18:28	20° \mathbb{B} 10'26	18°10'53	min. Earth dist.	-3951 May 25 j 02:37	6° \mathbb{B} 22'26	0.58330 AU
asc. node	-3952 Jul 06 j 17:25	24° \mathbb{B} 49'58		inferior conj	-3951 May 28 j 09:02	4° \mathbb{B} 01'59	-4°06'18
	-3952 Jul 10 j 03:18	0° \mathbb{I}		minimum elong	-3951 May 28 j 05:55	4° \mathbb{B} 07'39	4°05'53
morning set	-3952 Jul 18 j 18:35	15° \mathbb{I} 30'31			-3951 Jun 04 j 06:20	30° \mathbb{R} \mathbb{Y}	
	-3952 Jul 26 j 13:38	0° \mathbb{E}		morning rise	-3951 Jun 05 j 06:49	29° \mathbb{Y} 41'04	
superior conj	-3952 Jul 28 j 12:41	3° \mathbb{E} 32'55	1°44'45	direct	-3951 Jun 07 j 18:49	29° \mathbb{Y} 21'05	
minimum elong	-3952 Jul 28 j 15:07	3° \mathbb{E} 43'52	1°44'48		-3951 Jun 11 j 04:03	0° \mathbb{B}	
max. Earth dist.	-3952 Aug 05 j 01:52	16° \mathbb{E} 43'12	1.41186 AU	morning max el	-3951 Jun 16 j 00:39	3° \mathbb{B} 14'18	18°45'01
evening rise	-3952 Aug 10 j 08:58	25° \mathbb{E} 29'40		asc. node	-3951 Jun 23 j 14:27	13° \mathbb{B} 09'48	
				morning set	-3951 Jul 02 j 10:56	29° \mathbb{B} 22'58	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3951 Jul 02 j 18:33	0°♂			superior conj	-3950 Jun 24 j 12:47	29°♂52'41	1°44'18
					minimum elong	-3950 Jun 24 j 11:01	29°♂43'57	1°44'21
superior conj	-3951 Jul 11 j 04:55	16°♂18'23	1°49'09			-3950 Jun 24 j 14:16	0°♂	
minimum elong	-3951 Jul 11 j 04:50	16°♂18'00	1°49'19		max. Earth dist.	-3950 Jun 30 j 07:08	10°♂58'41	1.37337 AU
max. Earth dist.	-3951 Jul 18 j 04:40	29°♂06'55	1.39244 AU		evening rise	-3950 Jul 04 j 04:08	18°♂04'38	
	-3951 Jul 18 j 16:40	0°♂				-3950 Jul 11 j 02:01	0°♂	
evening rise	-3951 Jul 22 j 06:01	6°♂10'03			desc. node	-3950 Jul 22 j 21:33	18°♂19'53	
desc. node	-3951 Aug 05 j 00:31	28°♂10'48				-3950 Jul 31 j 11:20	0°♂	
	-3951 Aug 06 j 05:51	0°♂			evening max el	-3950 Aug 09 j 01:37	9°♂48'10	25°23'51
evening max el	-3951 Aug 26 j 15:04	26°♂18'12	24°07'44		retrograde	-3950 Aug 21 j 01:48	16°♂45'20	
	-3951 Aug 30 j 20:18	0°♂			evening set	-3950 Aug 27 j 00:59	14°♂12'03	
retrograde	-3951 Sep 06 j 15:02	2°♂46'16			min. Earth dist.	-3950 Aug 31 j 10:26	9°♂15'49	0.66861 AU
evening set	-3951 Sep 11 j 23:14	0°♂30'21			inferior conj	-3950 Sep 01 j 11:10	7°♂55'25	-1°38'59
	-3951 Sep 12 j 12:37	30°♂♂			minimum elong	-3950 Sep 01 j 13:27	7°♂47'59	1°37'57
min. Earth dist.	-3951 Sep 16 j 17:31	24°♂57'48	0.67306 AU		asc. node	-3950 Sep 06 j 10:40	2°♂23'49	
inferior conj	-3951 Sep 17 j 07:10	24°♂11'39	-0°46'17		morning rise	-3950 Sep 07 j 02:01	1°♂56'11	
minimum elong	-3951 Sep 17 j 08:15	24°♂07'59	0°45'44		direct	-3950 Sep 10 j 12:14	0°♂48'11	
asc. node	-3951 Sep 19 j 13:35	21°♂13'48			morning max el	-3950 Sep 17 j 20:15	5°♂00'54	19°36'00
morning rise	-3951 Sep 22 j 17:13	18°♂04'02				-3950 Oct 05 j 17:48	0°♂	
direct	-3951 Sep 26 j 14:16	16°♂38'22			morning set	-3950 Oct 12 j 10:21	10°♂21'35	
morning max el	-3951 Oct 04 j 17:26	21°♂24'03	20°40'53		desc. node	-3950 Oct 18 j 21:14	20°♂25'49	
	-3951 Oct 11 j 19:51	0°♂				-3950 Oct 24 j 23:04	0°♂	
desc. node	-3951 Nov 01 j 00:19	29°♂49'08			max. Earth dist.	-3950 Oct 25 j 10:23	0°♂44'51	1.44312 AU
	-3951 Nov 01 j 03:07	0°♂						
morning set	-3951 Nov 02 j 09:58	1°♂59'37			superior conj	-3950 Oct 29 j 03:39	6°♂40'41	-1°02'13
max. Earth dist.	-3951 Nov 11 j 21:07	16°♂59'04	1.43126 AU		minimum elong	-3950 Oct 28 j 20:57	6°♂13'51	1°01'28
					evening rise	-3950 Nov 12 j 06:44	29°♂52'19	
superior conj	-3951 Nov 18 j 06:39	27°♂29'45	-1°35'35			-3950 Nov 12 j 08:34	0°♂	
minimum elong	-3951 Nov 18 j 00:43	27°♂05'00	1°35'10		evening max el	-3950 Dec 01 j 03:37	28°♂43'42	18°23'17
	-3951 Nov 19 j 18:28	0°♂				-3950 Dec 02 j 12:08	0°♂	
evening rise	-3951 Nov 30 j 10:29	18°♂27'18			asc. node	-3950 Dec 03 j 09:34	0°♂42'21	
	-3951 Dec 07 j 00:35	0°♂			retrograde	-3950 Dec 07 j 17:29	2°♂20'09	
asc. node	-3951 Dec 16 j 12:30	14°♂13'13			evening set	-3950 Dec 10 j 15:18	1°♂34'22	
evening max el	-3951 Dec 17 j 15:00	15°♂24'06	18°08'35			-3950 Dec 12 j 21:41	30°♂♂	
retrograde	-3951 Dec 24 j 05:21	18°♂52'27			inferior conj	-3950 Dec 16 j 16:49	26°♂05'05	3°35'03
evening set	-3951 Dec 26 j 23:09	18°♂15'48			minimum elong	-3950 Dec 16 j 13:56	26°♂13'18	3°34'22
inferior conj	-3950 Jan 02 j 09:54	13°♂05'33	3°57'29		min. Earth dist.	-3950 Dec 18 j 21:21	23°♂36'13	0.63992 AU
minimum elong	-3950 Jan 02 j 08:12	13°♂09'53	3°57'10		morning rise	-3950 Dec 22 j 12:00	20°♂03'42	
min. Earth dist.	-3950 Jan 05 j 04:49	10°♂15'33	0.62293 AU		direct	-3950 Dec 29 j 11:02	17°♂13'43	
morning rise	-3950 Jan 08 j 16:18	7°♂14'02			morning max el	-3949 Jan 12 j 00:45	24°♂57'12	27°28'45
direct	-3950 Jan 15 j 17:42	4°♂38'26			desc. node	-3949 Jan 14 j 20:57	27°♂56'12	
desc. node	-3950 Jan 27 j 23:54	10°♂47'07				-3949 Jan 16 j 16:21	0°♂	
morning max el	-3950 Jan 29 j 16:19	12°♂22'17	27°42'35			-3949 Feb 06 j 03:34	0°♂	
	-3950 Feb 12 j 18:06	0°♂			morning set	-3949 Feb 15 j 22:21	18°♂06'39	
	-3950 Mar 02 j 02:03	0°♂			max. Earth dist.	-3949 Feb 20 j 23:33	28°♂22'45	1.33560 AU
morning set	-3950 Mar 04 j 01:58	4°♂00'05				-3949 Feb 21 j 18:08	0°♂	
max. Earth dist.	-3950 Mar 09 j 20:23	16°♂05'24	1.32881 AU					
					superior conj	-3949 Feb 23 j 18:45	4°♂17'04	-0°55'19
superior conj	-3950 Mar 11 j 11:51	19°♂38'29	-0°30'53		minimum elong	-3949 Feb 23 j 21:08	4°♂29'43	0°55'01
minimum elong	-3950 Mar 11 j 13:14	19°♂45'59	0°30'42		asc. node	-3949 Mar 01 j 08:51	16°♂13'51	
asc. node	-3950 Mar 14 j 11:51	26°♂09'17			evening rise	-3949 Mar 02 j 23:42	19°♂38'58	
	-3950 Mar 16 j 06:33	0°♂				-3949 Mar 08 j 02:37	0°♂	
evening rise	-3950 Mar 18 j 12:24	4°♂46'53			evening max el	-3949 Mar 24 j 23:26	24°♂46'25	22°37'39
	-3950 Apr 01 j 03:00	0°♂				-3949 Apr 01 j 12:00	0°♂	
evening max el	-3950 Apr 12 j 06:31	14°♂03'02	24°11'47		retrograde	-3949 Apr 07 j 01:13	1°♂10'25	
desc. node	-3950 Apr 25 j 22:40	21°♂00'17			evening set	-3949 Apr 10 j 03:41	0°♂49'17	
retrograde	-3950 Apr 26 j 02:46	21°♂00'21			desc. node	-3949 Apr 12 j 19:48	29°♂59'55	
evening set	-3950 Apr 30 j 10:41	20°♂18'27				-3949 Apr 12 j 19:43	30°♂♂	
min. Earth dist.	-3950 May 06 j 18:11	17°♂13'36	0.56579 AU		min. Earth dist.	-3949 Apr 18 j 08:35	27°♂13'59	0.55441 AU
inferior conj	-3950 May 09 j 07:18	15°♂37'57	-3°17'08		inferior conj	-3949 Apr 19 j 11:39	26°♂35'13	-1°48'00
minimum elong	-3950 May 09 j 01:30	15°♂47'05	3°15'46		minimum elong	-3949 Apr 19 j 07:01	26°♂41'52	1°46'31
morning rise	-3950 May 17 j 19:25	11°♂34'37			morning rise	-3949 Apr 28 j 12:19	22°♂38'09	
direct	-3950 May 20 j 06:56	11°♂18'13			direct	-3949 May 01 j 02:03	22°♂22'46	
morning max el	-3950 May 29 j 22:28	15°♂46'47	19°39'35		morning max el	-3949 May 12 j 09:57	27°♂40'41	20°53'49
	-3950 Jun 09 j 07:00	0°♂				-3949 May 14 j 16:33	0°♂	
asc. node	-3950 Jun 10 j 11:28	2°♂07'03			asc. node	-3949 May 28 j 08:28	21°♂32'48	
morning set	-3950 Jun 16 j 11:43	13°♂42'58			morning set	-3949 May 31 j 18:19	28°♂23'53	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3949 Jun 01 j 13:01	0°♄		direct	-3948 Apr 10 j 14:11	2°♄41'14	
				morning max el	-3948 Apr 23 j 10:36	8°♄52'28	22°24'25
superior conj	-3949 Jun 08 j 07:48	14°♄03'10	1°32'37		-3948 May 08 j 10:46	0°♄	
minimum elong	-3949 Jun 08 j 05:14	13°♄50'01	1°32'27	asc. node	-3948 May 14 j 05:29	11°♄18'40	
max. Earth dist.	-3949 Jun 12 j 15:38	22°♄46'04	1.35677 AU	morning set	-3948 May 15 j 04:34	13°♄18'04	
	-3949 Jun 16 j 09:28	0°♄					
evening rise	-3949 Jun 16 j 22:40	1°♄02'06		superior conj	-3948 May 22 j 10:27	28°♄38'00	1°15'58
	-3949 Jul 04 j 03:18	0°♄		minimum elong	-3948 May 22 j 07:48	28°♄24'01	1°15'38
desc. node	-3949 Jul 09 j 18:35	8°♄05'40			-3948 May 23 j 02:01	0°♄	
evening max el	-3949 Jul 22 j 12:36	23°♄18'54	26°27'14	max. Earth dist.	-3948 May 25 j 10:07	4°♄52'23	1.34366 AU
	-3949 Aug 01 j 02:50	0°♄		evening rise	-3948 May 30 j 08:12	14°♄46'05	
retrograde	-3949 Aug 04 j 07:52	0°♄34'02			-3948 Jun 07 j 14:09	0°♄	
	-3949 Aug 07 j 08:21	30°♄		desc. node	-3948 Jun 25 j 15:40	27°♄17'23	
evening set	-3949 Aug 10 j 20:45	27°♄49'02			-3948 Jun 27 j 20:20	0°♄	
min. Earth dist.	-3949 Aug 14 j 22:12	23°♄30'49	0.66076 AU	evening max el	-3948 Jul 04 j 00:06	6°♄42'03	27°10'01
inferior conj	-3949 Aug 16 j 11:09	21°♄37'44	-2°28'57	retrograde	-3948 Jul 17 j 08:34	14°♄04'33	
minimum elong	-3949 Aug 16 j 14:25	21°♄27'43	2°27'41	evening set	-3948 Jul 24 j 07:52	11°♄17'02	
morning rise	-3949 Aug 22 j 08:22	15°♄49'54		min. Earth dist.	-3948 Jul 28 j 02:30	7°♄36'16	0.64918 AU
asc. node	-3949 Aug 24 j 07:45	15°♄03'04		inferior conj	-3948 Jul 30 j 04:55	5°♄14'14	-3°13'56
direct	-3949 Aug 25 j 10:06	14°♄56'13		minimum elong	-3948 Jul 30 j 08:42	5°♄03'33	3°12'44
morning max el	-3949 Sep 01 j 05:18	18°♄44'26	18°46'06		-3948 Aug 04 j 20:08	30°♄	
	-3949 Sep 09 j 18:06	0°♄		morning rise	-3948 Aug 05 j 10:02	29°♄41'03	
morning set	-3949 Sep 22 j 06:09	19°♄43'38		direct	-3948 Aug 08 j 05:40	28°♄58'28	
	-3949 Sep 28 j 17:03	0°♄		asc. node	-3948 Aug 10 j 04:51	29°♄19'05	
desc. node	-3949 Oct 05 j 18:09	11°♄08'01			-3948 Aug 11 j 15:53	0°♄	
				morning max el	-3948 Aug 14 j 18:31	2°♄30'32	18°12'52
superior conj	-3949 Oct 08 j 05:23	15°♄01'22	-0°15'37		-3948 Sep 01 j 23:19	0°♄	
minimum elong	-3949 Oct 08 j 03:19	14°♄53'16	0°15'18	morning set	-3948 Sep 02 j 05:29	0°♄25'42	
behind sun begin	-3949 Oct 07 j 23:17	14°♄37'20					
behind sun end	-3949 Oct 08 j 07:22	15°♄09'12		superior conj	-3948 Sep 16 j 08:36	23°♄30'49	0°33'07
max. Earth dist.	-3949 Oct 08 j 03:18	14°♄53'10	1.44822 AU	minimum elong	-3948 Sep 16 j 12:31	23°♄46'28	0°32'44
	-3949 Oct 17 j 16:53	0°♄		max. Earth dist.	-3948 Sep 19 j 21:17	29°♄07'29	1.44603 AU
evening rise	-3949 Oct 24 j 03:02	10°♄14'43			-3948 Sep 20 j 10:34	0°♄	
	-3949 Nov 05 j 13:27	0°♄		desc. node	-3948 Sep 21 j 15:06	1°♄52'36	
evening max el	-3949 Nov 14 j 14:43	12°♄08'53	18°55'48	evening rise	-3948 Oct 02 j 23:03	19°♄35'34	
asc. node	-3949 Nov 20 j 06:40	15°♄54'30			-3948 Oct 09 j 16:19	0°♄	
retrograde	-3949 Nov 21 j 11:20	16°♄02'30		greatest brilliancy	-3948 Oct 15 j 09:18	8°♄43'11	-0.7m
evening set	-3949 Nov 24 j 14:57	15°♄05'33		evening max el	-3948 Oct 27 j 22:00	25°♄36'02	19°44'37
inferior conj	-3949 Nov 30 j 09:23	9°♄20'01	3°00'30	retrograde	-3948 Nov 04 j 08:01	29°♄55'02	
minimum elong	-3949 Nov 30 j 06:13	9°♄29'47	2°59'32	asc. node	-3948 Nov 06 j 03:46	29°♄35'47	
min. Earth dist.	-3949 Dec 01 j 23:28	7°♄22'35	0.65354 AU	evening set	-3948 Nov 07 j 19:29	28°♄44'26	
morning rise	-3949 Dec 05 j 21:09	3°♄11'37		inferior conj	-3948 Nov 13 j 08:42	22°♄45'33	2°17'46
direct	-3949 Dec 12 j 10:55	0°♄21'53		minimum elong	-3948 Nov 13 j 05:56	22°♄54'40	2°16'45
morning max el	-3949 Dec 25 j 10:22	7°♄55'06	26°43'36	min. Earth dist.	-3948 Nov 14 j 09:34	21°♄24'05	0.66356 AU
desc. node	-3948 Jan 01 j 17:57	16°♄13'42		morning rise	-3948 Nov 18 j 16:08	16°♄32'37	
	-3948 Jan 11 j 17:11	0°♄		direct	-3948 Nov 24 j 16:30	13°♄54'32	
	-3948 Jan 29 j 11:40	0°♄		morning max el	-3948 Dec 06 j 19:25	21°♄04'42	25°35'13
morning set	-3948 Jan 30 j 07:47	1°♄35'17			-3948 Dec 14 j 13:53	0°♄	
max. Earth dist.	-3948 Feb 03 j 16:05	10°♄04'16	1.34682 AU	desc. node	-3948 Dec 18 j 14:56	5°♄19'20	
					-3947 Jan 03 j 21:49	0°♄	
superior conj	-3948 Feb 07 j 20:14	18°♄34'30	-1°17'51	morning set	-3947 Jan 12 j 01:41	14°♄12'18	
minimum elong	-3948 Feb 07 j 23:17	18°♄50'15	1°17'34	max. Earth dist.	-3947 Jan 15 j 21:05	21°♄17'01	1.36253 AU
	-3948 Feb 13 j 07:16	0°♄			-3947 Jan 20 j 08:56	0°♄	
evening rise	-3948 Feb 15 j 08:59	4°♄19'04					
asc. node	-3948 Feb 16 j 05:52	6°♄06'42		superior conj	-3947 Jan 21 j 13:39	2°♄22'50	-1°36'52
	-3948 Feb 29 j 21:43	0°♄		minimum elong	-3947 Jan 21 j 16:44	2°♄38'11	1°36'44
evening max el	-3948 Mar 05 j 23:08	5°♄47'15	21°09'04	evening rise	-3947 Jan 29 j 14:19	18°♄41'21	
retrograde	-3948 Mar 17 j 15:02	11°♄21'46		asc. node	-3947 Feb 02 j 02:54	25°♄42'44	
evening set	-3948 Mar 20 j 01:24	11°♄08'06			-3947 Feb 04 j 09:01	0°♄	
inferior conj	-3948 Mar 29 j 07:03	7°♄09'29	0°06'52	evening max el	-3947 Feb 16 j 08:58	17°♄21'08	19°54'53
minimum elong	-3948 Mar 29 j 07:22	7°♄09'02	0°06'40	retrograde	-3947 Feb 26 j 08:05	22°♄04'42	
transit middle	-3948 Mar 29 j 07:22	7°♄09'02	0°06'40	evening set	-3947 Feb 28 j 15:30	21°♄50'37	
transit begin	-3948 Mar 29 j 03:39	7°♄14'18		inferior conj	-3947 Mar 09 j 07:36	17°♄49'27	1°55'54
transit end	-3948 Mar 29 j 11:04	7°♄03'46		minimum elong	-3947 Mar 09 j 12:02	17°♄42'36	1°54'26
desc. node	-3948 Mar 29 j 16:56	6°♄55'27		min. Earth dist.	-3947 Mar 11 j 12:58	16°♄27'38	0.55856 AU
min. Earth dist.	-3948 Mar 29 j 22:47	6°♄47'10	0.55181 AU	desc. node	-3947 Mar 16 j 14:04	13°♄50'58	
morning rise	-3948 Apr 07 j 12:52	3°♄01'38		morning rise	-3947 Mar 18 j 06:23	13°♄15'59	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

direct	-3947 Mar 22 j 07:34	12° \approx 39'42		desc. node	-3946 Mar 03 j 11:11	22° \approx 49'14	
morning max el	-3947 Apr 05 j 03:26	19° \approx 33'44	24°03'25	direct	-3946 Mar 03 j 12:55	22° \approx 49'13	
	-3947 Apr 13 j 21:11	0° \approx			-3946 Mar 17 j 14:14	0° \approx	
morning set	-3947 Apr 29 j 16:35	28° \approx 19'28		morning max el	-3946 Mar 17 j 18:29	0° \approx 10'11	25°37'37
	-3947 Apr 30 j 11:40	0° \approx			-3946 Apr 07 j 11:45	0° \approx	
asc. node	-3947 May 01 j 02:30	1° \approx 18'41		morning set	-3946 Apr 14 j 04:41	13° \approx 21'56	
				asc. node	-3946 Apr 17 j 23:31	21° \approx 27'44	
superior conj	-3947 May 06 j 18:08	13° \approx 28'47	0°55'44				
minimum elong	-3947 May 06 j 15:55	13° \approx 16'52	0°55'21	superior conj	-3946 Apr 21 j 04:44	28° \approx 28'28	0°33'01
max. Earth dist.	-3947 May 08 j 14:04	17° \approx 24'26	1.33421 AU	minimum elong	-3946 Apr 21 j 03:20	28° \approx 20'47	0°32'43
evening rise	-3947 May 14 j 04:25	29° \approx 03'09			-3946 Apr 21 j 21:32	0° \approx	
	-3947 May 14 j 15:44	0° \approx		max. Earth dist.	-3946 Apr 22 j 00:30	0° \approx 16'11	1.32824 AU
	-3947 May 31 j 17:18	0° \approx		evening rise	-3946 Apr 28 j 07:57	13° \approx 42'25	
desc. node	-3947 Jun 12 j 12:45	15° \approx 40'42			-3946 May 06 j 18:03	0° \approx	
evening max el	-3947 Jun 16 j 10:23	19° \approx 45'07	27°25'20		-3946 May 27 j 11:18	0° \approx	
retrograde	-3947 Jun 30 j 03:14	27° \approx 08'36		evening max el	-3946 May 29 j 16:53	2° \approx 15'15	27°08'43
evening set	-3947 Jul 07 j 07:06	24° \approx 30'48		desc. node	-3946 May 30 j 09:53	2° \approx 55'08	
min. Earth dist.	-3947 Jul 10 j 21:27	21° \approx 22'40	0.63382 AU	retrograde	-3946 Jun 12 j 15:22	9° \approx 37'20	
inferior conj	-3947 Jul 13 j 13:48	18° \approx 39'24	-3°50'42	evening set	-3946 Jun 19 j 14:30	7° \approx 23'12	
minimum elong	-3947 Jul 13 j 17:16	18° \approx 30'32	3°49'54	min. Earth dist.	-3946 Jun 23 j 06:20	4° \approx 36'36	0.61517 AU
morning rise	-3947 Jul 20 j 04:20	13° \approx 24'08		inferior conj	-3946 Jun 26 j 10:35	1° \approx 45'50	-4°14'23
direct	-3947 Jul 22 j 20:02	12° \approx 50'00		minimum elong	-3946 Jun 26 j 12:31	1° \approx 41'29	4°14'06
asc. node	-3947 Jul 28 j 01:57	15° \approx 02'59			-3946 Jun 28 j 11:03	30° \approx 8	
morning max el	-3947 Jul 29 j 09:25	16° \approx 14'20	17°57'21	morning rise	-3946 Jul 03 j 12:05	26° \approx 51'17	
	-3947 Aug 08 j 02:47	0° \approx		direct	-3946 Jul 06 j 01:32	26° \approx 23'41	
morning set	-3947 Aug 15 j 05:44	12° \approx 19'05		morning max el	-3946 Jul 12 j 23:18	29° \approx 49'56	18°00'26
	-3947 Aug 25 j 12:50	0° \approx			-3946 Jul 13 j 03:24	0° \approx	
superior conj	-3947 Aug 27 j 09:08	3° \approx 04'41	1°12'15	asc. node	-3946 Jul 14 j 23:02	1° \approx 59'42	
minimum elong	-3947 Aug 27 j 14:55	3° \approx 28'40	1°11'46	morning set	-3946 Jul 29 j 01:27	25° \approx 09'03	
max. Earth dist.	-3947 Sep 02 j 13:07	13° \approx 08'56	1.43694 AU		-3946 Jul 31 j 17:06	0° \approx	
desc. node	-3947 Sep 08 j 12:03	22° \approx 36'19		superior conj	-3946 Aug 08 j 13:31	14° \approx 02'08	1°36'53
evening rise	-3947 Sep 12 j 04:06	28° \approx 19'16		minimum elong	-3946 Aug 08 j 17:32	14° \approx 19'39	1°36'46
	-3947 Sep 13 j 06:11	0° \approx		max. Earth dist.	-3946 Aug 15 j 23:50	26° \approx 39'25	1.42214 AU
	-3947 Oct 03 j 13:53	0° \approx			-3946 Aug 18 j 00:40	0° \approx	
evening max el	-3947 Oct 10 j 23:39	9° \approx 02'11	20°47'32	evening rise	-3946 Aug 22 j 13:13	7° \approx 16'27	
retrograde	-3947 Oct 19 j 05:10	13° \approx 54'02		desc. node	-3946 Aug 26 j 09:02	13° \approx 16'22	
evening set	-3947 Oct 23 j 02:42	12° \approx 27'09			-3946 Sep 06 j 12:20	0° \approx	
asc. node	-3947 Oct 24 j 00:54	11° \approx 40'58		evening max el	-3946 Sep 23 j 19:03	22° \approx 27'34	22°01'19
inferior conj	-3947 Oct 28 j 12:23	6° \approx 18'12	1°29'31	retrograde	-3946 Oct 03 j 01:03	27° \approx 57'25	
minimum elong	-3947 Oct 28 j 10:26	6° \approx 24'51	1°28'45	evening set	-3946 Oct 07 j 10:42	26° \approx 12'12	
min. Earth dist.	-3947 Oct 29 j 01:32	5° \approx 33'27	0.67018 AU	asc. node	-3946 Oct 10 j 22:02	22° \approx 26'59	
morning rise	-3947 Nov 02 j 18:00	0° \approx 03'04		inferior conj	-3946 Oct 12 j 18:28	19° \approx 56'31	0°37'53
	-3947 Nov 02 j 19:24	30° \approx 8		minimum elong	-3946 Oct 12 j 17:35	19° \approx 59'32	0°37'33
direct	-3947 Nov 08 j 03:07	27° \approx 43'33		min. Earth dist.	-3946 Oct 12 j 21:00	19° \approx 47'45	0.67368 AU
	-3947 Nov 14 j 04:10	0° \approx		morning rise	-3946 Oct 18 j 00:21	13° \approx 41'51	
morning max el	-3947 Nov 19 j 04:07	4° \approx 18'33	24°12'56	direct	-3946 Oct 22 j 18:21	11° \approx 43'40	
desc. node	-3947 Dec 05 j 11:54	24° \approx 58'26		morning max el	-3946 Nov 01 j 14:46	17° \approx 36'02	22°46'19
	-3947 Dec 08 j 22:18	0° \approx			-3946 Nov 11 j 20:16	0° \approx	
morning set	-3947 Dec 24 j 22:05	25° \approx 40'50		desc. node	-3946 Nov 22 j 08:52	15° \approx 01'36	
	-3947 Dec 27 j 09:19	0° \approx			-3946 Dec 02 j 01:25	0° \approx	
max. Earth dist.	-3947 Dec 28 j 18:18	2° \approx 27'04	1.38177 AU	morning set	-3946 Dec 05 j 15:15	5° \approx 47'39	
				max. Earth dist.	-3946 Dec 10 j 14:50	14° \approx 08'11	1.40249 AU
superior conj	-3946 Jan 04 j 19:22	15° \approx 31'06	-1°50'12				
minimum elong	-3946 Jan 04 j 21:27	15° \approx 41'04	1°50'15	superior conj	-3946 Dec 18 j 08:46	27° \approx 47'17	-1°54'50
	-3946 Jan 12 j 05:12	0° \approx		minimum elong	-3946 Dec 18 j 08:27	27° \approx 45'53	1°54'58
evening rise	-3946 Jan 13 j 13:18	2° \approx 38'24			-3946 Dec 19 j 13:50	0° \approx	
asc. node	-3946 Jan 19 j 23:57	14° \approx 55'07		evening rise	-3946 Dec 28 j 03:08	16° \approx 03'20	
evening max el	-3946 Jan 30 j 04:58	29° \approx 29'52	18°59'28		-3945 Jan 04 j 17:00	0° \approx	
	-3946 Jan 30 j 17:58	0° \approx		asc. node	-3945 Jan 06 j 21:00	3° \approx 36'04	
retrograde	-3946 Feb 07 j 16:11	3° \approx 33'37		evening max el	-3945 Jan 13 j 09:15	12° \approx 08'19	18°24'08
evening set	-3946 Feb 10 j 01:56	3° \approx 15'18		retrograde	-3945 Jan 20 j 18:46	15° \approx 47'14	
	-3946 Feb 16 j 13:43	30° \approx 8		evening set	-3945 Jan 23 j 07:37	15° \approx 22'45	
inferior conj	-3946 Feb 18 j 00:41	28° \approx 59'04	3°13'28	inferior conj	-3945 Jan 30 j 14:14	10° \approx 46'19	3°53'37
minimum elong	-3946 Feb 18 j 05:18	28° \approx 50'53	3°12'22	minimum elong	-3945 Jan 30 j 16:24	10° \approx 41'51	3°53'15
min. Earth dist.	-3946 Feb 21 j 04:20	26° \approx 46'06	0.57288 AU	min. Earth dist.	-3945 Feb 02 j 23:23	8° \approx 00'19	0.59175 AU
morning rise	-3946 Feb 26 j 06:04	23° \approx 55'31		morning rise	-3945 Feb 06 j 23:05	5° \approx 18'33	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

direct	-3945 Feb 13 j 07:10	3° ♁ 33'10		inferior conj	-3944 Jan 12 j 22:44	23° ♁ 07'40	4°02'46
desc. node	-3945 Feb 18 j 08:16	4° ♁ 36'47		minimum elong	-3944 Jan 12 j 22:12	23° ♁ 08'56	4°02'35
morning max el	-3945 Feb 27 j 13:18	11° ♁ 08'43	26°51'47	min. Earth dist.	-3944 Jan 16 j 01:01	20° ♁ 12'32	0.61187 AU
	-3945 Mar 14 j 05:00	0° ♁		morning rise	-3944 Jan 19 j 13:33	17° ♁ 23'28	
morning set	-3945 Mar 29 j 15:04	28° ♁ 18'32		direct	-3944 Jan 26 j 12:09	15° ♁ 02'24	
	-3945 Mar 30 j 10:26	0° ♁		desc. node	-3944 Feb 05 j 05:20	18° ♁ 57'29	
asc. node	-3945 Apr 04 j 20:30	11° ♁ 40'57		morning max el	-3944 Feb 09 j 14:09	22° ♁ 44'50	27°34'26
					-3944 Feb 16 j 01:37	0° ♁	
superior conj	-3945 Apr 05 j 16:28	13° ♁ 30'13	0°08'42		-3944 Mar 06 j 06:19	0° ♁	
minimum elong	-3945 Apr 05 j 16:04	13° ♁ 28'06	0°08'34	morning set	-3944 Mar 12 j 21:54	13° ♁ 02'26	
behind sun begin	-3945 Apr 05 j 11:51	13° ♁ 04'59		max. Earth dist.	-3944 Mar 19 j 02:08	26° ♁ 09'06	1.32658 AU
behind sun end	-3945 Apr 05 j 20:18	13° ♁ 51'14					
max. Earth dist.	-3945 Apr 05 j 13:46	13° ♁ 15'29	1.32569 AU	superior conj	-3944 Mar 20 j 03:41	28° ♁ 28'11	-0°16'24
evening rise	-3945 Apr 12 j 16:11	28° ♁ 34'35		minimum elong	-3944 Mar 20 j 04:25	28° ♁ 32'13	0°16'20
	-3945 Apr 13 j 08:35	0° ♁			-3944 Mar 20 j 20:31	0° ♁	
	-3945 Apr 30 j 05:09	0° ♁		asc. node	-3944 Mar 21 j 17:29	1° ♁ 54'23	
evening max el	-3945 May 11 j 17:28	14° ♁ 03'30	26°19'42	evening rise	-3944 Mar 27 j 03:03	13° ♁ 32'20	
desc. node	-3945 May 17 j 07:01	18° ♁ 31'30			-3944 Apr 04 j 11:50	0° ♁	
retrograde	-3945 May 25 j 19:31	21° ♁ 22'01		evening max el	-3944 Apr 22 j 12:11	25° ♁ 12'38	25°03'40
evening set	-3945 Jun 01 j 01:56	19° ♁ 43'27			-3944 Apr 28 j 16:30	0° ♁	
min. Earth dist.	-3945 Jun 05 j 06:28	17° ♁ 01'48	0.59477 AU	desc. node	-3944 May 03 j 04:06	1° ♁ 54'11	
inferior conj	-3945 Jun 08 j 15:35	14° ♁ 25'40	-4°17'37	retrograde	-3944 May 06 j 13:17	2° ♁ 20'53	
minimum elong	-3945 Jun 08 j 14:33	14° ♁ 25'43	4°17'29	evening set	-3944 May 11 j 15:42	1° ♁ 20'52	
morning rise	-3945 Jun 16 j 05:34	9° ♁ 50'53			-3944 May 14 j 12:01	30° ♁	
direct	-3945 Jun 18 j 17:47	9° ♁ 28'33		min. Earth dist.	-3944 May 17 j 00:31	28° ♁ 27'56	0.57530 AU
morning max el	-3945 Jun 26 j 09:11	13° ♁ 08'15	18°22'56	inferior conj	-3944 May 20 j 01:34	26° ♁ 24'30	-3°50'28
asc. node	-3945 Jul 01 j 20:04	19° ♁ 52'58		minimum elong	-3944 May 19 j 21:02	26° ♁ 32'14	3°49'39
	-3945 Jul 07 j 20:20	0° ♁		morning rise	-3944 May 28 j 05:23	22° ♁ 11'38	
morning set	-3945 Jul 12 j 11:27	8° ♁ 41'22		direct	-3944 May 30 j 16:57	21° ♁ 53'26	
				morning max el	-3944 Jun 08 j 12:09	26° ♁ 00'16	19°05'37
superior conj	-3945 Jul 21 j 18:19	26° ♁ 12'38	1°47'55		-3944 Jun 12 j 02:18	0° ♁	
minimum elong	-3945 Jul 21 j 19:36	26° ♁ 18'33	1°48'03	asc. node	-3944 Jun 17 j 17:06	8° ♁ 30'10	
	-3945 Jul 23 j 20:14	0° ♁		morning set	-3944 Jun 25 j 07:45	22° ♁ 46'29	
max. Earth dist.	-3945 Jul 29 j 04:22	9° ♁ 25'16	1.40369 AU		-3944 Jun 28 j 23:18	0° ♁	
evening rise	-3945 Aug 02 j 19:09	17° ♁ 13'06		superior conj	-3944 Jul 03 j 17:49	9° ♁ 20'29	1°48'04
	-3945 Aug 10 j 18:37	0° ♁		minimum elong	-3944 Jul 03 j 16:54	9° ♁ 16'05	1°48'12
desc. node	-3945 Aug 13 j 06:04	3° ♁ 48'17		max. Earth dist.	-3944 Jul 10 j 05:56	21° ♁ 31'15	1.38422 AU
	-3945 Sep 01 j 02:28	0° ♁		evening rise	-3944 Jul 14 j 03:21	28° ♁ 26'25	
evening max el	-3945 Sep 06 j 09:10	5° ♁ 53'30	23°21'22		-3944 Jul 15 j 00:57	0° ♁	
retrograde	-3945 Sep 16 j 18:10	12° ♁ 01'59		desc. node	-3944 Jul 30 j 03:05	24° ♁ 07'17	
evening set	-3945 Sep 21 j 17:42	9° ♁ 57'19			-3944 Aug 03 j 04:41	0° ♁	
min. Earth dist.	-3945 Sep 26 j 17:28	4° ♁ 04'47	0.67416 AU	evening max el	-3944 Aug 18 j 20:29	19° ♁ 22'37	24°41'10
inferior conj	-3945 Sep 27 j 01:05	3° ♁ 38'37	-0°15'26	retrograde	-3944 Aug 30 j 07:25	26° ♁ 04'11	
minimum elong	-3945 Sep 27 j 01:27	3° ♁ 37'23	0°15'13	evening set	-3944 Sep 04 j 21:54	23° ♁ 40'45	
transit middle	-3945 Sep 27 j 01:27	3° ♁ 37'23	0°15'13	min. Earth dist.	-3944 Sep 09 j 12:26	18° ♁ 23'03	0.67159 AU
transit begin	-3945 Sep 27 j 00:28	3° ♁ 40'47		inferior conj	-3944 Sep 10 j 06:35	17° ♁ 22'30	-1°08'51
transit end	-3945 Sep 27 j 02:26	3° ♁ 33'59		minimum elong	-3944 Sep 10 j 08:11	17° ♁ 17'08	1°08'04
asc. node	-3945 Sep 27 j 19:08	2° ♁ 36'57		asc. node	-3944 Sep 13 j 16:14	13° ♁ 09'57	
	-3945 Sep 29 j 19:55	30° ♁		morning rise	-3944 Sep 15 j 18:27	11° ♁ 17'48	
morning rise	-3945 Oct 02 j 09:07	27° ♁ 27'17		direct	-3944 Sep 19 j 10:39	9° ♁ 59'53	
direct	-3945 Oct 06 j 13:15	25° ♁ 50'15		morning max el	-3944 Sep 27 j 04:51	14° ♁ 30'33	20°11'26
	-3945 Oct 14 j 06:15	0° ♁			-3944 Oct 09 j 01:46	0° ♁	
morning max el	-3945 Oct 15 j 06:19	0° ♁ 59'11	21°23'50	morning set	-3944 Oct 24 j 03:02	22° ♁ 48'21	
	-3945 Nov 05 j 17:03	0° ♁		desc. node	-3944 Oct 26 j 02:47	25° ♁ 53'42	
desc. node	-3945 Nov 09 j 05:50	5° ♁ 21'52			-3944 Oct 28 j 17:50	0° ♁	
morning set	-3945 Nov 15 j 04:40	14° ♁ 36'30		max. Earth dist.	-3944 Nov 04 j 02:28	10° ♁ 04'24	1.43709 AU
max. Earth dist.	-3945 Nov 22 j 16:45	26° ♁ 40'34	1.42182 AU				
	-3945 Nov 24 j 17:01	0° ♁		superior conj	-3944 Nov 09 j 13:02	18° ♁ 52'55	-1°23'26
superior conj	-3945 Nov 30 j 00:18	8° ♁ 58'19	-1°47'05	minimum elong	-3944 Nov 09 j 06:11	18° ♁ 24'52	1°22'50
minimum elong	-3945 Nov 29 j 20:22	8° ♁ 41'24	1°46'58		-3944 Nov 16 j 05:26	0° ♁	
evening rise	-3945 Dec 11 j 04:17	28° ♁ 48'46		evening rise	-3944 Nov 22 j 12:25	10° ♁ 45'33	
	-3945 Dec 11 j 19:59	0° ♁			-3944 Dec 03 j 22:38	0° ♁	
asc. node	-3945 Dec 24 j 18:03	21° ♁ 36'04		evening max el	-3944 Dec 10 j 07:32	8° ♁ 23'37	18°12'39
evening max el	-3945 Dec 27 j 19:05	25° ♁ 09'03	18°08'46	asc. node	-3944 Dec 10 j 15:07	8° ♁ 42'26	
retrograde	-3944 Jan 03 j 13:36	28° ♁ 37'26		retrograde	-3944 Dec 16 j 20:34	11° ♁ 53'49	
evening set	-3944 Jan 06 j 05:32	28° ♁ 05'33		evening set	-3944 Dec 19 j 16:00	11° ♁ 13'23	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

inferior conj	-3944 Dec 25 j 22:32	5°♌54'53	3°49'43	evening set	-3943 Dec 03 j 11:44	24°♍38'19	
minimum elong	-3944 Dec 25 j 20:12	6°♌01'07	3°49'16	inferior conj	-3943 Dec 09 j 09:58	19°♍01'33	3°21'34
min. Earth dist.	-3944 Dec 28 j 11:33	3°♌12'12	0.63056 AU	minimum elong	-3943 Dec 09 j 06:52	19°♍10'42	3°20'45
morning rise	-3944 Dec 31 j 23:41	29°♍59'06		min. Earth dist.	-3943 Dec 11 j 08:07	16°♍45'33	0.64620 AU
	-3944 Dec 31 j 23:13	30°♍		morning rise	-3943 Dec 15 j 01:36	12°♍57'02	
direct	-3943 Jan 08 j 01:19	27°♍15'21		direct	-3943 Dec 21 j 21:21	10°♍05'52	
	-3943 Jan 15 j 20:08	0°♌		morning max el	-3942 Jan 04 j 05:34	17°♍45'28	27°12'57
morning max el	-3943 Jan 21 j 20:18	4°♌59'25	27°40'55	desc. node	-3942 Jan 08 j 23:26	22°♍55'23	
desc. node	-3943 Jan 22 j 02:23	5°♌14'29			-3942 Jan 14 j 13:49	0°♌	
	-3943 Feb 09 j 18:31	0°♍			-3942 Feb 02 j 14:47	0°♍	
morning set	-3943 Feb 24 j 22:51	27°♍24'28		morning set	-3942 Feb 08 j 15:00	11°♍15'35	
	-3943 Feb 26 j 05:34	0°♍		max. Earth dist.	-3942 Feb 13 j 08:54	20°♍45'24	1.33990 AU
max. Earth dist.	-3943 Mar 02 j 09:45	8°♍42'39	1.33118 AU				
				superior conj	-3942 Feb 16 j 17:30	27°♍44'49	-1°05'11
superior conj	-3943 Mar 04 j 12:39	13°♍15'02	-0°41'23	minimum elong	-3942 Feb 16 j 20:13	27°♍59'07	1°04'53
minimum elong	-3943 Mar 04 j 14:29	13°♍24'53	0°41'08		-3942 Feb 17 j 19:06	0°♍	
asc. node	-3943 Mar 08 j 14:27	22°♍02'57		asc. node	-3942 Feb 23 j 11:27	12°♍02'36	
evening rise	-3943 Mar 11 j 14:39	28°♍27'51		evening rise	-3942 Feb 24 j 01:20	13°♍15'11	
	-3943 Mar 12 j 08:15	0°♌			-3942 Mar 04 j 16:29	0°♌	
	-3943 Mar 29 j 20:00	0°♍		evening max el	-3942 Mar 16 j 23:07	16°♌43'57	21°58'31
evening max el	-3943 Apr 04 j 04:07	5°♍57'18	23°31'54	retrograde	-3942 Mar 29 j 11:42	22°♌48'08	
retrograde	-3943 Apr 17 j 18:13	12°♍42'00		evening set	-3942 Apr 01 j 05:42	22°♌31'18	
desc. node	-3943 Apr 20 j 01:13	12°♍30'20		desc. node	-3942 Apr 06 j 22:21	20°♌25'20	
evening set	-3943 Apr 21 j 12:35	12°♍10'54		min. Earth dist.	-3942 Apr 10 j 05:04	18°♌38'50	0.55217 AU
min. Earth dist.	-3943 Apr 28 j 15:16	8°♍54'46	0.56005 AU	inferior conj	-3942 Apr 10 j 14:23	18°♌25'44	-1°00'41
inferior conj	-3943 Apr 30 j 15:33	7°♍42'39	-2°43'57	minimum elong	-3942 Apr 10 j 11:35	18°♌29'40	0°59'46
minimum elong	-3943 Apr 30 j 09:39	7°♍51'31	2°42'19	morning rise	-3942 Apr 19 j 18:35	14°♌26'45	
morning rise	-3943 May 09 j 09:26	3°♍43'29		direct	-3942 Apr 22 j 11:53	14°♌10'12	
direct	-3943 May 11 j 21:28	3°♍27'49		morning max el	-3942 May 04 j 12:12	19°♌50'25	21°30'51
morning max el	-3943 May 22 j 05:36	8°♍16'08	20°08'48		-3942 May 12 j 18:47	0°♍	
asc. node	-3943 Jun 04 j 14:07	27°♍40'23		asc. node	-3942 May 22 j 11:07	17°♍15'02	
	-3943 Jun 05 j 19:25	0°♌		morning set	-3942 May 24 j 19:42	22°♍03'10	
morning set	-3943 Jun 09 j 11:20	7°♌16'11			-3942 May 28 j 15:00	0°♌	
				superior conj	-3942 Jun 01 j 05:29	7°♌32'40	1°26'04
superior conj	-3943 Jun 17 j 06:53	23°♌11'13	1°40'03	minimum elong	-3942 Jun 01 j 02:48	7°♌18'46	1°25'50
minimum elong	-3943 Jun 17 j 04:41	23°♌00'08	1°40'01	max. Earth dist.	-3942 Jun 04 j 23:25	15°♌13'11	1.35071 AU
	-3943 Jun 20 j 17:26	0°♍		evening rise	-3942 Jun 09 j 12:17	24°♌07'42	
max. Earth dist.	-3943 Jun 22 j 10:40	3°♍19'12	1.36600 AU		-3942 Jun 12 j 15:29	0°♍	
evening rise	-3943 Jun 26 j 10:51	10°♍49'31			-3942 Jul 01 j 04:45	0°♍	
	-3943 Jul 07 j 15:30	0°♍		desc. node	-3942 Jul 03 j 21:08	3°♍39'57	
desc. node	-3943 Jul 17 j 00:05	14°♍07'22		evening max el	-3942 Jul 14 j 18:32	16°♍22'41	26°48'22
	-3943 Jul 29 j 12:03	0°♍		retrograde	-3942 Jul 27 j 19:47	23°♍41'46	
evening max el	-3943 Aug 01 j 07:19	2°♍54'25	25°52'51	evening set	-3942 Aug 03 j 13:50	20°♍54'08	
retrograde	-3943 Aug 13 j 16:04	9°♍59'41		min. Earth dist.	-3942 Aug 07 j 12:08	16°♍52'27	0.65633 AU
evening set	-3943 Aug 19 j 21:23	7°♍20'43		inferior conj	-3942 Aug 09 j 06:46	14°♍46'17	-2°48'49
min. Earth dist.	-3943 Aug 24 j 03:27	2°♍40'32	0.66577 AU	minimum elong	-3942 Aug 09 j 10:20	14°♍35'44	2°47'32
inferior conj	-3943 Aug 25 j 09:09	1°♍06'14	-2°00'38	morning rise	-3942 Aug 15 j 07:12	9°♍04'35	
minimum elong	-3943 Aug 25 j 11:53	0°♍57'31	1°59'27	direct	-3942 Aug 18 j 06:06	8°♍15'58	
	-3943 Aug 26 j 06:10	30°♌		asc. node	-3942 Aug 18 j 10:28	8°♍16'09	
morning rise	-3943 Aug 31 j 02:31	25°♍11'25		morning max el	-3942 Aug 24 j 21:41	11°♍55'57	18°29'55
asc. node	-3943 Aug 31 j 13:20	24°♍55'34			-3942 Sep 06 j 15:46	0°♍	
direct	-3943 Sep 03 j 08:56	24°♍09'44		morning set	-3942 Sep 13 j 17:16	11°♍27'32	
morning max el	-3943 Sep 10 j 10:30	28°♍10'35	19°12'48		-3942 Sep 25 j 06:16	0°♍	
	-3943 Sep 12 j 02:31	0°♍		superior conj	-3942 Sep 28 j 23:25	5°♍52'52	0°05'38
	-3943 Oct 02 j 10:32	0°♍		minimum elong	-3942 Sep 29 j 00:10	5°♍55'48	0°05'37
morning set	-3943 Oct 03 j 09:53	1°♍31'31		behind sun begin	-3942 Sep 28 j 13:27	5°♍13'31	
desc. node	-3943 Oct 12 j 23:43	16°♍33'13		behind sun end	-3942 Sep 29 j 10:52	6°♍38'04	
max. Earth dist.	-3943 Oct 17 j 18:19	24°♍04'37	1.44623 AU	desc. node	-3942 Sep 29 j 20:38	7°♍16'37	
				max. Earth dist.	-3942 Sep 30 j 12:27	8°♍18'57	1.44820 AU
superior conj	-3943 Oct 20 j 00:02	27°♍37'11	-0°43'33		-3942 Oct 14 j 07:07	0°♍	
minimum elong	-3943 Oct 19 j 18:42	27°♍16'04	0°42'52	evening rise	-3942 Oct 15 j 08:34	1°♍40'21	
	-3943 Oct 21 j 12:00	0°♍		greatest brilliancy	-3942 Oct 24 j 19:46	16°♍33'44	-0.8m
evening rise	-3943 Nov 03 j 22:56	21°♍45'05			-3942 Nov 02 j 21:51	0°♍	
	-3943 Nov 08 j 23:16	0°♍		evening max el	-3942 Nov 07 j 05:32	5°♍11'59	19°14'37
evening max el	-3943 Nov 23 j 19:52	21°♍46'18	18°34'59	retrograde	-3942 Nov 14 j 07:07	9°♍15'45	
asc. node	-3943 Nov 27 j 12:12	24°♍40'57					
retrograde	-3943 Nov 30 j 11:35	25°♍28'46					

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-3942 Nov 14 j 09:20	9° \mathbb{M} 15'42			-3941 Oct 07 j 12:40	0° $\underline{\mathfrak{A}}$	
evening set	-3942 Nov 17 j 13:47	8° \mathbb{M} 13'14		greatest brilliancy	-3941 Oct 08 j 13:08	1° $\underline{\mathfrak{A}}$ 30'59	-0.6m
inferior conj	-3942 Nov 23 j 05:46	2° \mathbb{M} 21'19	2°43'11	evening max el	-3941 Oct 21 j 10:31	18° $\underline{\mathfrak{A}}$ 38'26	20°09'46
minimum elong	-3942 Nov 23 j 02:42	2° \mathbb{M} 31'04	2°42'10	retrograde	-3941 Oct 29 j 04:20	23° $\underline{\mathfrak{A}}$ 11'02	
min. Earth dist.	-3942 Nov 24 j 13:57	0° \mathbb{M} 39'05	0.65824 AU	asc. node	-3941 Nov 01 j 06:29	22° $\underline{\mathfrak{A}}$ 15'39	
	-3942 Nov 25 j 02:29	30° \mathfrak{R} $\underline{\mathfrak{A}}$		evening set	-3941 Nov 01 j 19:43	21° $\underline{\mathfrak{A}}$ 53'59	
morning rise	-3942 Nov 28 j 15:20	26° $\underline{\mathfrak{A}}$ 10'32		inferior conj	-3941 Nov 07 j 07:14	15° $\underline{\mathfrak{A}}$ 50'19	1°57'51
direct	-3942 Dec 04 j 23:35	23° $\underline{\mathfrak{A}}$ 24'54		minimum elong	-3941 Nov 07 j 04:46	15° $\underline{\mathfrak{A}}$ 58'35	1°56'54
	-3942 Dec 16 j 18:51	0° \mathbb{M}		min. Earth dist.	-3941 Nov 08 j 02:59	14° $\underline{\mathfrak{A}}$ 44'19	0.66679 AU
morning max el	-3942 Dec 17 j 15:19	0° \mathbb{M} 50'08	26°16'48	morning rise	-3941 Nov 12 j 13:35	9° $\underline{\mathfrak{A}}$ 35'50	
desc. node	-3942 Dec 26 j 20:27	11° \mathbb{M} 35'04		direct	-3941 Nov 18 j 07:30	7° $\underline{\mathfrak{A}}$ 04'57	
	-3941 Jan 08 j 14:03	0° \mathfrak{X}		morning max el	-3941 Nov 30 j 00:10	14° $\underline{\mathfrak{A}}$ 02'16	25°01'10
morning set	-3941 Jan 22 j 18:30	24° \mathfrak{X} 23'57			-3941 Dec 13 j 01:16	0° \mathbb{M}	
	-3941 Jan 25 j 17:12	0° \mathfrak{Z}		desc. node	-3941 Dec 13 j 17:26	0° \mathbb{M} 56'11	
max. Earth dist.	-3941 Jan 26 j 20:41	2° \mathfrak{Z} 13'40	1.35299 AU		-3940 Jan 01 j 09:51	0° \mathfrak{X}	
				morning set	-3940 Jan 05 j 04:02	6° \mathfrak{X} 33'57	
superior conj	-3941 Jan 31 j 15:55	11° \mathfrak{Z} 50'26	-1°26'29	max. Earth dist.	-3940 Jan 08 j 21:21	13° \mathfrak{X} 19'34	1.37033 AU
minimum elong	-3941 Jan 31 j 19:04	12° \mathfrak{Z} 06'32	1°26'15				
evening rise	-3941 Feb 08 j 09:12	27° \mathfrak{Z} 48'19		superior conj	-3940 Jan 15 j 04:50	25° \mathfrak{X} 22'45	-1°43'24
	-3941 Feb 09 j 10:58	0° \mathfrak{A}		minimum elong	-3940 Jan 15 j 07:38	25° \mathfrak{X} 36'31	1°43'21
asc. node	-3941 Feb 10 j 08:29	1° \mathfrak{A} 48'49			-3940 Jan 17 j 12:51	0° \mathfrak{Z}	
evening max el	-3941 Feb 27 j 02:48	27° \mathfrak{A} 57'09	20°35'21	evening rise	-3940 Jan 23 j 12:08	12° \mathfrak{Z} 00'16	
	-3941 Mar 01 j 12:45	0° \mathfrak{H}		asc. node	-3940 Jan 28 j 05:32	21° \mathfrak{Z} 15'28	
retrograde	-3941 Mar 10 j 01:45	3° \mathfrak{H} 09'59			-3940 Feb 02 j 04:35	0° \mathfrak{A}	
evening set	-3941 Mar 12 j 09:30	2° \mathfrak{H} 56'52		evening max el	-3940 Feb 09 j 17:10	9° \mathfrak{A} 46'19	19°28'57
	-3941 Mar 19 j 15:41	30° \mathfrak{R} \mathfrak{A}		retrograde	-3940 Feb 19 j 00:07	14° \mathfrak{A} 11'05	
inferior conj	-3941 Mar 21 j 10:16	28° \mathfrak{A} 58'51	0°55'47	evening set	-3940 Feb 21 j 08:05	13° \mathfrak{A} 55'41	
minimum elong	-3941 Mar 21 j 12:44	28° \mathfrak{A} 55'15	0°54'52	inferior conj	-3940 Feb 29 j 16:56	9° \mathfrak{A} 49'33	2°33'27
min. Earth dist.	-3941 Mar 22 j 19:16	28° \mathfrak{A} 10'50	0.55352 AU	minimum elong	-3940 Feb 29 j 21:55	9° \mathfrak{A} 41'24	2°31'59
desc. node	-3941 Mar 24 j 19:29	27° \mathfrak{A} 03'18		min. Earth dist.	-3940 Mar 03 j 10:07	8° \mathfrak{A} 04'01	0.56381 AU
morning rise	-3941 Mar 30 j 14:39	24° \mathfrak{A} 41'24		morning rise	-3940 Mar 09 j 09:07	5° \mathfrak{A} 02'39	
direct	-3941 Apr 03 j 00:26	24° \mathfrak{A} 16'08		desc. node	-3940 Mar 10 j 16:37	4° \mathfrak{A} 39'30	
	-3941 Apr 15 j 12:26	0° \mathfrak{H}		direct	-3940 Mar 13 j 22:51	4° \mathfrak{A} 15'05	
morning max el	-3941 Apr 16 j 09:10	0° \mathfrak{H} 47'37	23°06'22	morning max el	-3940 Mar 28 j 00:31	11° \mathfrak{A} 23'28	24°45'01
	-3941 May 05 j 20:24	0° \mathfrak{Y}			-3940 Apr 11 j 03:43	0° \mathfrak{H}	
morning set	-3941 May 09 j 06:56	7° \mathfrak{Y} 01'20		morning set	-3940 Apr 22 j 19:10	22° \mathfrak{H} 03'29	
asc. node	-3941 May 09 j 08:08	7° \mathfrak{Y} 07'33		asc. node	-3940 Apr 25 j 05:07	27° \mathfrak{H} 11'39	
					-3940 Apr 26 j 12:20	0° \mathfrak{Y}	
superior conj	-3941 May 16 j 10:36	22° \mathfrak{Y} 15'37	1°07'45				
minimum elong	-3941 May 16 j 08:05	22° \mathfrak{Y} 02'12	1°07'24	superior conj	-3940 Apr 29 j 19:45	7° \mathfrak{Y} 10'51	0°46'21
max. Earth dist.	-3941 May 18 j 21:59	27° \mathfrak{Y} 29'45	1.33909 AU	minimum elong	-3940 Apr 29 j 17:50	7° \mathfrak{Y} 00'31	0°46'00
	-3941 May 20 j 02:48	0° \mathfrak{B}		max. Earth dist.	-3940 May 01 j 04:53	10° \mathfrak{Y} 10'02	1.33119 AU
evening rise	-3941 May 24 j 02:50	8° \mathfrak{B} 07'14		evening rise	-3940 May 07 j 02:31	22° \mathfrak{Y} 34'45	
	-3941 Jun 05 j 03:23	0° \mathbb{I}			-3940 May 10 j 20:17	0° \mathfrak{B}	
desc. node	-3941 Jun 20 j 18:14	22° \mathbb{I} 33'23			-3940 May 28 j 23:57	0° \mathbb{I}	
evening max el	-3941 Jun 27 j 05:35	29° \mathbb{I} 38'18	27°20'11	desc. node	-3940 Jun 06 j 15:21	10° \mathbb{I} 30'09	
	-3941 Jun 27 j 14:41	0° \mathfrak{E}		evening max el	-3940 Jun 08 j 14:32	12° \mathbb{I} 28'22	27°22'23
retrograde	-3941 Jul 10 j 18:13	7° \mathfrak{E} 02'37		retrograde	-3940 Jun 22 j 10:28	19° \mathbb{I} 52'03	
evening set	-3941 Jul 17 j 20:24	4° \mathfrak{E} 17'13		evening set	-3940 Jun 29 j 13:24	17° \mathbb{I} 22'44	
min. Earth dist.	-3941 Jul 21 j 12:35	0° \mathfrak{E} 51'31	0.64307 AU	min. Earth dist.	-3940 Jul 03 j 03:25	14° \mathbb{I} 25'13	0.62616 AU
	-3941 Jul 22 j 07:53	30° \mathfrak{R} \mathbb{I}		inferior conj	-3940 Jul 06 j 01:14	11° \mathbb{I} 36'37	-4°02'45
inferior conj	-3941 Jul 23 j 21:07	28° \mathbb{I} 18'46	-3°30'47	minimum elong	-3940 Jul 06 j 04:14	11° \mathbb{I} 29'21	4°02'11
minimum elong	-3941 Jul 24 j 00:54	28° \mathbb{I} 08'32	3°29'43	morning rise	-3940 Jul 12 j 20:15	6° \mathbb{I} 29'48	
morning rise	-3941 Jul 30 j 06:06	22° \mathbb{I} 53'07		direct	-3940 Jul 15 j 10:41	5° \mathbb{I} 58'45	
direct	-3941 Aug 01 j 23:43	22° \mathbb{I} 14'33		morning max el	-3940 Jul 22 j 02:48	9° \mathbb{I} 23'05	17°56'19
asc. node	-3941 Aug 05 j 07:34	23° \mathbb{I} 11'19		asc. node	-3940 Jul 22 j 04:37	9° \mathbb{I} 27'34	
morning max el	-3941 Aug 08 j 12:03	25° \mathbb{I} 42'22	18°04'05		-3940 Aug 04 j 17:30	0° \mathfrak{E}	
	-3941 Aug 12 j 02:35	0° \mathfrak{E}		morning set	-3940 Aug 07 j 13:01	5° \mathfrak{E} 00'28	
morning set	-3941 Aug 26 j 03:48	22° \mathfrak{E} 41'33					
	-3941 Aug 30 j 11:28	0° \mathfrak{Q}		superior conj	-3940 Aug 18 j 22:27	24° \mathfrak{E} 54'40	1°24'29
				minimum elong	-3940 Aug 19 j 03:46	25° \mathfrak{E} 17'10	1°24'09
superior conj	-3941 Sep 08 j 10:07	14° \mathfrak{Q} 45'38	0°51'21		-3940 Aug 21 j 23:13	0° \mathfrak{Q}	
minimum elong	-3941 Sep 08 j 15:25	15° \mathfrak{Q} 07'05	0°50'49	max. Earth dist.	-3940 Aug 25 j 18:56	6° \mathfrak{Q} 16'53	1.43123 AU
max. Earth dist.	-3941 Sep 13 j 05:31	22° \mathfrak{Q} 28'39	1.44296 AU	desc. node	-3940 Sep 02 j 14:36	18° \mathfrak{Q} 43'54	
desc. node	-3941 Sep 16 j 17:36	28° \mathfrak{Q} 01'14		evening rise	-3940 Sep 03 j 00:36	19° \mathfrak{Q} 22'56	
	-3941 Sep 17 j 23:50	0° \mathfrak{P}			-3940 Sep 09 j 22:35	0° \mathfrak{P}	
evening rise	-3941 Sep 24 j 20:24	10° \mathfrak{P} 40'26			-3940 Oct 01 j 11:23	0° $\underline{\mathfrak{A}}$	


































































































































Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-3940 Oct 03 j 09:34	2° Ω 04'45	21°17'52			-3939 Sep 03 j 13:51	0° \mathbb{M}	
retrograde	-3940 Oct 12 j 01:06	7° Ω 12'16		evening max el	-3939 Sep 16 j 02:37	15° \mathbb{M} 30'25	22°35'02	
evening set	-3940 Oct 16 j 03:29	5° Ω 38'02		retrograde	-3939 Sep 25 j 19:47	21° \mathbb{M} 16'19		
asc. node	-3940 Oct 18 j 03:35	3° Ω 43'58		evening set	-3939 Sep 30 j 11:14	19° \mathbb{M} 22'53		
	-3940 Oct 21 j 02:15	30° \mathbb{R} \mathbb{M}		asc. node	-3939 Oct 05 j 00:42	14° \mathbb{M} 07'37		
inferior conj	-3940 Oct 21 j 12:10	29° \mathbb{M} 26'00	1°07'58	inferior conj	-3939 Oct 05 j 18:39	13° \mathbb{M} 05'46	0°15'23	
minimum elong	-3940 Oct 21 j 10:39	29° \mathbb{M} 31'14	1°07'21	minimum elong	-3939 Oct 05 j 18:18	13° \mathbb{M} 07'01	0°15'17	
min. Earth dist.	-3940 Oct 21 j 20:48	28° \mathbb{M} 56'22	0.67207 AU	transit middle	-3939 Oct 05 j 18:18	13° \mathbb{M} 07'01	0°15'17	
morning rise	-3940 Oct 26 j 17:38	23° \mathbb{M} 10'38		transit begin	-3939 Oct 05 j 17:20	13° \mathbb{M} 10'22		
direct	-3940 Oct 31 j 20:22	20° \mathbb{M} 59'43		transit end	-3939 Oct 05 j 19:16	13° \mathbb{M} 03'41		
morning max el	-3940 Nov 11 j 09:09	27° \mathbb{M} 17'10	23°35'59	min. Earth dist.	-3939 Oct 05 j 16:53	13° \mathbb{M} 11'55	0.67427 AU	
	-3940 Nov 13 j 21:59	0° Ω		morning rise	-3939 Oct 11 j 01:14	6° \mathbb{M} 52'21		
desc. node	-3940 Nov 29 j 14:24	20° Ω 46'53		direct	-3939 Oct 15 j 13:15	5° \mathbb{M} 03'12		
	-3940 Dec 05 j 17:35	0° \mathbb{M}		morning max el	-3939 Oct 24 j 21:24	10° \mathbb{M} 36'06	22°10'22	
morning set	-3940 Dec 16 j 13:29	17° \mathbb{M} 29'22			-3939 Nov 09 j 00:46	0° Ω		
max. Earth dist.	-3940 Dec 20 j 16:57	24° \mathbb{M} 37'45	1.39058 AU	desc. node	-3939 Nov 16 j 11:21	10° Ω 58'06		
	-3940 Dec 23 j 17:25	0° \mathbb{X}		morning set	-3939 Nov 26 j 18:16	27° Ω 00'27		
					-3939 Nov 28 j 14:35	0° \mathbb{M}		
superior conj	-3940 Dec 28 j 04:19	8° \mathbb{X} 11'13	-1°53'27	max. Earth dist.	-3939 Dec 02 j 15:43	6° \mathbb{M} 41'29	1.41113 AU	
minimum elong	-3940 Dec 28 j 05:34	8° \mathbb{X} 17'05	1°53'34					
evening rise	-3939 Jan 06 j 07:38	25° \mathbb{X} 44'45		superior conj	-3939 Dec 10 j 09:08	20° \mathbb{M} 01'40	-1°53'18	
	-3939 Jan 08 j 12:30	0° \mathbb{Z}		minimum elong	-3939 Dec 10 j 07:23	19° \mathbb{M} 53'53	1°53'22	
asc. node	-3939 Jan 14 j 02:36	10° \mathbb{Z} 15'42			-3939 Dec 15 j 21:26	0° \mathbb{X}		
evening max el	-3939 Jan 22 j 17:08	22° \mathbb{Z} 09'20	18°41'59	evening rise	-3939 Dec 20 j 16:32	8° \mathbb{X} 53'54		
retrograde	-3939 Jan 30 j 15:47	26° \mathbb{Z} 00'09		asc. node	-3939 Dec 31 j 23:38	28° \mathbb{X} 40'27		
evening set	-3939 Feb 02 j 03:02	25° \mathbb{Z} 39'17			-3938 Jan 01 j 21:32	0° \mathbb{Z}		
inferior conj	-3939 Feb 09 j 18:39	21° \mathbb{Z} 14'59	3°34'50	evening max el	-3938 Jan 06 j 00:06	4° \mathbb{Z} 58'04	18°15'05	
minimum elong	-3939 Feb 09 j 22:23	21° \mathbb{Z} 07'55	3°34'04	retrograde	-3938 Jan 13 j 01:49	8° \mathbb{Z} 30'46		
min. Earth dist.	-3939 Feb 13 j 02:41	18° \mathbb{Z} 45'12	0.58062 AU	evening set	-3938 Jan 15 j 16:05	8° \mathbb{Z} 03'06		
morning rise	-3939 Feb 17 j 15:18	16° \mathbb{Z} 00'26		inferior conj	-3938 Jan 22 j 16:36	3° \mathbb{Z} 17'12	4°00'43	
direct	-3939 Feb 23 j 10:15	14° \mathbb{Z} 37'40		minimum elong	-3938 Jan 22 j 17:33	3° \mathbb{Z} 15'07	4°00'30	
desc. node	-3939 Feb 25 j 13:42	14° \mathbb{Z} 48'59		min. Earth dist.	-3938 Jan 25 j 23:50	0° \mathbb{Z} 24'43	0.60043 AU	
morning max el	-3939 Mar 09 j 16:23	22° \mathbb{Z} 05'40	26°12'20		-3938 Jan 26 j 11:52	30° \mathbb{R} \mathbb{X}		
	-3939 Mar 16 j 15:34	0° \approx		morning rise	-3938 Jan 29 j 17:21	27° \mathbb{X} 41'50		
	-3939 Apr 03 j 19:50	0° \mathbb{H}		direct	-3938 Feb 05 j 09:04	25° \mathbb{X} 40'29		
morning set	-3939 Apr 07 j 06:42	7° \mathbb{H} 03'44		desc. node	-3938 Feb 12 j 10:46	27° \mathbb{X} 45'25		
asc. node	-3939 Apr 12 j 02:06	17° \mathbb{H} 22'41			-3938 Feb 15 j 19:01	0° \mathbb{Z}		
				morning max el	-3938 Feb 19 j 13:38	3° \mathbb{Z} 18'37	27°14'13	
superior conj	-3939 Apr 14 j 07:01	22° \mathbb{H} 11'47	0°22'51		-3938 Mar 11 j 02:30	0° \approx		
minimum elong	-3939 Apr 14 j 06:01	22° \mathbb{H} 06'21	0°22'36	morning set	-3938 Mar 22 j 15:50	21° \approx 55'33		
max. Earth dist.	-3939 Apr 14 j 16:58	23° \mathbb{H} 06'13	1.32680 AU		-3938 Mar 26 j 11:16	0° \mathbb{H}		
	-3939 Apr 17 j 21:08	0° \mathbb{Y}						
evening rise	-3939 Apr 21 j 08:19	7° \mathbb{Y} 20'23		superior conj	-3938 Mar 29 j 18:42	7° \mathbb{H} 12'12	-0°01'56	
	-3939 May 03 j 08:46	0° \mathbb{X}		minimum elong	-3938 Mar 29 j 18:47	7° \mathbb{H} 12'41	0°01'59	
evening max el	-3939 May 21 j 18:54	24° \mathbb{X} 41'29	26°51'43	behind sun begin	-3938 Mar 29 j 13:48	6° \mathbb{H} 45'26		
desc. node	-3939 May 24 j 12:27	27° \mathbb{X} 06'30		behind sun end	-3938 Mar 29 j 23:46	7° \mathbb{H} 39'57		
	-3939 May 28 j 17:46	0° \mathbb{I}		max. Earth dist.	-3938 Mar 29 j 06:30	6° \mathbb{H} 05'29	1.32570 AU	
retrograde	-3939 Jun 04 j 19:11	2° \mathbb{I} 01'41		asc. node	-3938 Mar 29 j 23:05	7° \mathbb{H} 36'15		
evening set	-3939 Jun 11 j 12:38	0° \mathbb{I} 01'59		evening rise	-3938 Apr 05 j 17:55	22° \mathbb{H} 15'39		
	-3939 Jun 11 j 14:00	30° \mathbb{R} \mathbb{X}			-3938 Apr 09 j 12:47	0° \mathbb{Y}		
min. Earth dist.	-3939 Jun 15 j 08:25	27° \mathbb{X} 19'23	0.60657 AU		-3938 Apr 28 j 01:24	0° \mathbb{X}		
inferior conj	-3939 Jun 18 j 15:44	24° \mathbb{X} 31'39	-4°18'51	evening max el	-3938 May 03 j 16:53	6° \mathbb{X} 12'02	25°50'03	
minimum elong	-3939 Jun 18 j 16:33	24° \mathbb{X} 29'53	4°18'42	desc. node	-3938 May 11 j 09:32	11° \mathbb{X} 50'41		
morning rise	-3939 Jun 25 j 22:18	19° \mathbb{X} 45'57		retrograde	-3938 May 17 j 18:51	13° \mathbb{X} 26'42		
direct	-3939 Jun 28 j 11:11	19° \mathbb{X} 20'39		evening set	-3938 May 23 j 14:45	12° \mathbb{X} 04'48		
morning max el	-3939 Jul 05 j 15:12	22° \mathbb{X} 51'15	18°07'33	min. Earth dist.	-3938 May 28 j 05:18	9° \mathbb{X} 20'24	0.58621 AU	
asc. node	-3939 Jul 09 j 01:40	26° \mathbb{X} 49'22		inferior conj	-3938 May 31 j 12:58	6° \mathbb{X} 54'38	-4°10'28	
	-3939 Jul 11 j 06:57	0° \mathbb{I}		minimum elong	-3938 May 31 j 10:23	6° \mathbb{X} 59'24	4°10'08	
morning set	-3939 Jul 21 j 15:19	18° \mathbb{I} 09'26		morning rise	-3938 Jun 08 j 08:41	2° \mathbb{X} 30'49		
	-3939 Jul 28 j 00:43	0° \mathbb{E}		direct	-3938 Jun 10 j 20:47	2° \mathbb{X} 10'14		
				morning max el	-3938 Jun 18 j 22:28	5° \mathbb{X} 59'18	18°38'39	
superior conj	-3939 Jul 31 j 13:44	6° \mathbb{E} 23'53	1°43'06	asc. node	-3938 Jun 25 j 22:41	15° \mathbb{X} 02'40		
minimum elong	-3939 Jul 31 j 16:35	6° \mathbb{E} 36'37	1°43'07		-3938 Jul 04 j 05:54	0° \mathbb{I}		
max. Earth dist.	-3939 Aug 08 j 03:09	19° \mathbb{E} 29'38	1.41460 AU	morning set	-3938 Jul 05 j 06:08	1° \mathbb{I} 57'03		
evening rise	-3939 Aug 13 j 17:04	28° \mathbb{E} 40'52						
	-3939 Aug 14 j 12:46	0° Ω		superior conj	-3938 Jul 14 j 03:12	19° \mathbb{I} 00'58	1°49'10	
desc. node	-3939 Aug 20 j 11:35	9° Ω 20'47		minimum elong	-3938 Jul 14 j 03:27	19° \mathbb{I} 02'08	1°49'19	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3938 Jul 20 j 03:24	0°☿			max. Earth dist.	-3937 Jul 03 j 08:14	13°♊53'08	1.37610 AU
max. Earth dist.	-3938 Jul 21 j 06:23	1°☿59'17	1.39535 AU		evening rise	-3937 Jul 07 j 04:50	20°♊53'54	
evening rise	-3938 Jul 25 j 10:09	9°☿09'37				-3937 Jul 12 j 11:11	0°☿	
desc. node	-3938 Aug 07 j 08:36	29°☿48'00			desc. node	-3937 Jul 25 j 05:37	19°☿59'47	
	-3938 Aug 07 j 11:48	0°♌				-3937 Aug 01 j 10:39	0°♌	
evening max el	-3938 Aug 29 j 15:11	28°♌57'25	23°55'46		evening max el	-3937 Aug 12 j 01:49	12°♌26'55	25°13'07
	-3938 Aug 30 j 16:59	0°♍			retrograde	-3937 Aug 23 j 22:49	19°♌20'40	
retrograde	-3938 Sep 09 j 11:19	5°♍20'44			evening set	-3937 Aug 29 j 19:44	16°♌49'47	
evening set	-3938 Sep 14 j 17:16	3°♍07'34			min. Earth dist.	-3937 Sep 03 j 06:28	11°♌47'51	0.66948 AU
	-3938 Sep 17 j 15:15	30°♍♌			inferior conj	-3937 Sep 04 j 05:27	10°♌32'30	-1°31'09
min. Earth dist.	-3938 Sep 19 j 12:54	27°♌29'49	0.67346 AU		minimum elong	-3937 Sep 04 j 07:34	10°♌25'34	1°30'10
inferior conj	-3938 Sep 20 j 00:59	26°♌48'42	-0°38'12		asc. node	-3937 Sep 08 j 18:54	5°♌18'50	
minimum elong	-3938 Sep 20 j 01:53	26°♌45'39	0°37'43		morning rise	-3937 Sep 09 j 19:29	4°♌31'42	
asc. node	-3938 Sep 21 j 21:47	24°♌20'03			direct	-3937 Sep 13 j 07:08	3°♌21'18	
morning rise	-3938 Sep 25 j 10:28	20°♌40'06			morning max el	-3937 Sep 20 j 17:39	7°♌38'32	19°44'41
direct	-3938 Sep 29 j 09:16	19°♌11'38				-3937 Oct 07 j 00:08	0°♍	
morning max el	-3938 Oct 07 j 15:55	24°♌03'09	20°51'38		morning set	-3937 Oct 15 j 21:57	13°♍43'34	
	-3938 Oct 12 j 18:27	0°♍			desc. node	-3937 Oct 21 j 05:18	21°♍59'37	
	-3938 Nov 02 j 10:31	0°♎				-3937 Oct 26 j 07:31	0°♎	
desc. node	-3938 Nov 03 j 08:19	1°♎24'00			max. Earth dist.	-3937 Oct 28 j 09:40	3°♎18'42	1.44173 AU
morning set	-3938 Nov 05 j 22:52	5°♎26'29						
max. Earth dist.	-3938 Nov 14 j 21:28	19°♎38'57	1.42899 AU		superior conj	-3937 Nov 01 j 14:39	10°♎02'39	-1°08'18
	-3938 Nov 21 j 03:58	0°♏			minimum elong	-3937 Nov 01 j 07:44	9°♎34'46	1°07'33
						-3937 Nov 13 j 17:20	0°♏	
superior conj	-3938 Nov 21 j 13:40	0°♏40'44	-1°39'09		evening rise	-3937 Nov 15 j 10:33	2°♏53'48	
minimum elong	-3938 Nov 21 j 08:12	0°♏17'44	1°38'49			-3937 Dec 02 j 17:14	0°♏	
evening rise	-3938 Dec 03 j 11:02	21°♏20'08			evening max el	-3937 Dec 04 j 00:02	1°♏24'03	18°19'58
	-3938 Dec 08 j 08:24	0°♏			asc. node	-3937 Dec 05 j 17:46	2°♏59'00	
asc. node	-3938 Dec 18 j 20:42	16°♏19'15			retrograde	-3937 Dec 10 j 13:28	4°♏58'35	
evening max el	-3938 Dec 20 j 11:19	18°♏05'08	18°07'59		evening set	-3937 Dec 13 j 10:36	4°♏14'17	
retrograde	-3938 Dec 27 j 02:33	21°♏33'15				-3937 Dec 18 j 11:14	30°♏♏	
evening set	-3938 Dec 29 j 19:47	20°♏57'55			inferior conj	-3937 Dec 19 j 13:21	28°♏47'52	3°39'19
inferior conj	-3937 Jan 05 j 08:07	15°♏50'47	3°59'26		minimum elong	-3937 Dec 19 j 10:35	28°♏55'37	3°38'41
minimum elong	-3937 Jan 05 j 06:41	15°♏54'22	3°59'11		min. Earth dist.	-3937 Dec 21 j 20:09	26°♏14'53	0.63759 AU
min. Earth dist.	-3937 Jan 08 j 05:04	12°♏58'47	0.62013 AU		morning rise	-3937 Dec 25 j 09:57	22°♏47'48	
morning rise	-3937 Jan 11 j 16:33	10°♏00'54			direct	-3936 Jan 01 j 09:55	19°♏58'50	
direct	-3937 Jan 18 j 17:30	7°♏28'36			morning max el	-3936 Jan 15 j 01:11	27°♏42'57	27°32'55
desc. node	-3937 Jan 30 j 07:50	13°♏00'02			desc. node	-3936 Jan 17 j 04:54	29°♏56'51	
morning max el	-3937 Feb 01 j 17:14	15°♏12'30	27°41'39			-3936 Jan 17 j 06:04	0°♏	
	-3937 Feb 13 j 19:56	0°♐				-3936 Feb 07 j 12:01	0°♐	
	-3937 Mar 03 j 13:57	0°♑			morning set	-3936 Feb 18 j 18:12	20°♐42'44	
morning set	-3937 Mar 06 j 20:29	6°♑31'23				-3936 Feb 23 j 07:35	0°♑	
max. Earth dist.	-3937 Mar 12 j 17:27	18°♑52'41	1.32808 AU		max. Earth dist.	-3936 Feb 23 j 21:53	1°♑14'45	1.33433 AU
superior conj	-3937 Mar 14 j 05:10	22°♑06'02	-0°27'05		superior conj	-3936 Feb 26 j 12:43	6°♑47'26	-0°51'41
minimum elong	-3937 Mar 14 j 06:23	22°♑12'38	0°26'56		minimum elong	-3936 Feb 26 j 14:58	6°♑59'24	0°51'25
asc. node	-3937 Mar 16 j 20:04	27°♑47'59			asc. node	-3936 Mar 02 j 17:05	17°♑53'55	
	-3937 Mar 17 j 20:24	0°♒			evening rise	-3936 Mar 04 j 16:48	22°♑06'36	
evening rise	-3937 Mar 21 j 05:19	7°♒13'07				-3936 Mar 08 j 13:24	0°♒	
	-3937 Apr 02 j 06:35	0°♓			evening max el	-3936 Mar 27 j 02:04	27°♒50'03	22°51'36
evening max el	-3937 Apr 15 j 09:33	17°♓07'02	24°25'37			-3936 Mar 29 j 13:33	0°♓	
desc. node	-3937 Apr 28 j 06:39	24°♓05'35			retrograde	-3936 Apr 09 j 07:39	4°♓19'56	
retrograde	-3937 Apr 29 j 07:33	24°♓08'04			evening set	-3936 Apr 12 j 13:45	3°♓56'46	
evening set	-3937 May 03 j 20:17	23°♓21'50			desc. node	-3936 Apr 14 j 03:45	3°♓29'44	
min. Earth dist.	-3937 May 09 j 21:26	20°♓20'25	0.56804 AU		min. Earth dist.	-3936 Apr 20 j 12:00	0°♓26'50	0.55562 AU
inferior conj	-3937 May 12 j 14:15	18°♓37'00	-3°27'17			-3936 Apr 21 j 06:36	30°♓♓	
minimum elong	-3937 May 12 j 08:41	18°♓45'58	3°26'04		inferior conj	-3936 Apr 21 j 20:53	29°♓39'18	-2°03'46
morning rise	-3937 May 21 j 00:15	14°♓31'36			minimum elong	-3936 Apr 21 j 15:45	29°♓46'44	2°02'11
direct	-3937 May 23 j 11:40	14°♓14'50			morning rise	-3936 Apr 30 j 19:56	25°♓42'05	
morning max el	-3937 Jun 01 j 21:45	18°♓37'19	19°30'09		direct	-3936 May 03 j 08:59	25°♓26'46	
	-3937 Jun 10 j 13:18	0°♔				-3936 May 13 j 18:26	0°♓	
asc. node	-3937 Jun 12 j 19:43	3°♔54'54			morning max el	-3936 May 14 j 10:48	0°♓36'57	20°41'34
morning set	-3937 Jun 19 j 05:52	16°♔13'23			asc. node	-3936 May 29 j 16:45	23°♓16'42	
	-3937 Jun 26 j 02:53	0°♕			morning set	-3936 Jun 02 j 11:46	0°♔51'19	
						-3936 Jun 02 j 01:42	0°♔	
superior conj	-3937 Jun 27 j 09:05	2°♕28'58	1°45'32					
minimum elong	-3937 Jun 27 j 07:31	2°♕21'15	1°45'36		superior conj	-3936 Jun 10 j 02:41	16°♔34'24	1°34'44

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-3936 Jun 10 j 00:12	16°  21'40	1°34'37		-3935 May 24 j 15:52	0° 	
max. Earth dist.	-3936 Jun 14 j 15:33	25°  39'12	1.35908 AU				
	-3936 Jun 16 j 21:29	0°  II		superior conj	-3935 May 25 j 04:23	1°  05'56	1°18'44
evening rise	-3936 Jun 18 j 20:42	3°  II42'48		minimum elong	-3935 May 25 j 01:43	0°  851'51	1°18'27
	-3936 Jul 04 j 09:01	0°  ☿		max. Earth dist.	-3935 May 28 j 08:38	7°  842'20	1.34539 AU
desc. node	-3936 Jul 11 j 02:38	9°  ☿49'12		evening rise	-3935 Jun 02 j 04:18	17°  820'33	
evening max el	-3936 Jul 24 j 12:47	25°  ☿58'03	26°18'58		-3935 Jun 08 j 23:57	0°  II	
	-3936 Jul 29 j 05:53	0°  ♊		desc. node	-3935 Jun 27 j 23:41	29°  II06'46	
retrograde	-3936 Aug 06 j 05:36	3°  ♊10'55			-3935 Jun 28 j 16:21	0°  ☿	
evening set	-3936 Aug 12 j 16:32	0°  ♊27'21		evening max el	-3935 Jul 07 j 00:22	9°  ☿23'19	27°05'17
	-3936 Aug 13 j 04:51	30°  ♊☿		retrograde	-3935 Jul 20 j 07:01	16°  ☿44'52	
min. Earth dist.	-3936 Aug 16 j 19:12	26°  ☿03'18	0.66216 AU	evening set	-3935 Jul 27 j 05:10	13°  ☿57'04	
inferior conj	-3936 Aug 18 j 06:12	24°  ☿15'04	-2°21'40	min. Earth dist.	-3935 Jul 31 j 00:44	10°  ☿10'58	0.65115 AU
minimum elong	-3936 Aug 18 j 09:20	24°  ☿05'20	2°20'25	inferior conj	-3935 Aug 02 j 01:04	7°  ☿52'57	-3°07'35
morning rise	-3936 Aug 24 j 02:21	18°  ☿25'13		minimum elong	-3935 Aug 02 j 04:49	7°  ☿42'13	3°06'21
asc. node	-3936 Aug 25 j 16:02	17°  ☿43'16		morning rise	-3935 Aug 08 j 04:55	2°  ☿17'24	
direct	-3936 Aug 27 j 05:14	17°  ☿29'32		direct	-3935 Aug 11 j 01:22	1°  ☿33'18	
morning max el	-3936 Sep 03 j 01:52	21°  ☿20'51	18°52'28	asc. node	-3935 Aug 12 j 13:10	1°  ☿45'18	
	-3936 Sep 09 j 21:05	0°  ♊		morning max el	-3935 Aug 17 j 14:39	5°  ☿07'02	18°16'44
morning set	-3936 Sep 24 j 14:01	22°  ♊54'12			-3935 Sep 03 j 07:50	0°  ♊	
	-3936 Sep 29 j 01:24	0°  ♊☿		morning set	-3935 Sep 05 j 09:20	3°  ♊24'57	
desc. node	-3936 Oct 07 j 02:14	12°  ♊41'00					
max. Earth dist.	-3936 Oct 10 j 02:21	17°  ♊25'06	1.44791 AU	superior conj	-3935 Sep 19 j 19:40	26°  ♊51'17	0°26'10
				minimum elong	-3935 Sep 19 j 22:52	27°  ♊04'03	0°25'50
superior conj	-3936 Oct 10 j 18:09	18°  ♊27'22	-0°23'07		-3935 Sep 21 j 19:12	0°  ♊☿	
minimum elong	-3936 Oct 10 j 15:08	18°  ♊15'28	0°22'41	max. Earth dist.	-3935 Sep 22 j 20:42	1°  ♊40'51	1.44684 AU
	-3936 Oct 18 j 01:17	0°  ♊☿		desc. node	-3935 Sep 23 j 23:10	3°  ♊25'23	
evening rise	-3936 Oct 26 j 10:33	13°  ♊25'28		evening rise	-3935 Oct 06 j 09:57	22°  ♊54'57	
	-3936 Nov 05 j 18:14	0°  ♊☿			-3935 Oct 10 j 23:11	0°  ♊☿	
evening max el	-3936 Nov 16 j 11:34	14°  ♊48'42	18°49'57	greatest brilliancy	-3935 Oct 18 j 03:27	11°  ♊03'34	-0.7m
asc. node	-3936 Nov 21 j 14:53	18°  ♊23'46		evening max el	-3935 Oct 30 j 19:33	28°  ♊15'30	19°36'23
retrograde	-3936 Nov 23 j 06:40	18°  ♊39'02			-3935 Nov 01 j 15:52	0°  ♊☿	
evening set	-3936 Nov 26 j 09:21	17°  ♊43'49		retrograde	-3935 Nov 07 j 03:07	2°  ♊30'13	
inferior conj	-3936 Dec 02 j 04:42	12°  ♊00'33	3°06'20	asc. node	-3935 Nov 08 j 12:02	2°  ♊19'20	
minimum elong	-3936 Dec 02 j 01:32	12°  ♊10'13	3°05'24	evening set	-3935 Nov 10 j 13:19	1°  ♊21'42	
min. Earth dist.	-3936 Dec 03 j 20:51	9°  ♊58'08	0.65174 AU		-3935 Nov 12 j 05:26	30°  ♊☿	
morning rise	-3936 Dec 07 j 17:22	5°  ♊53'12		inferior conj	-3935 Nov 16 j 03:11	25°  ♊24'30	2°24'40
direct	-3936 Dec 14 j 08:54	3°  ♊02'38		minimum elong	-3935 Nov 16 j 00:19	25°  ♊33'50	2°23'37
morning max el	-3936 Dec 27 j 10:42	10°  ♊37'46	26°52'03	min. Earth dist.	-3935 Nov 17 j 05:52	23°  ♊57'43	0.66231 AU
desc. node	-3935 Jan 03 j 01:57	18°  ♊05'19		morning rise	-3935 Nov 21 j 11:06	19°  ♊12'07	
	-3935 Jan 11 j 21:12	0°  ♊☿		direct	-3935 Nov 27 j 13:34	16°  ♊31'55	
	-3935 Jan 29 j 22:59	0°  ♊☿		morning max el	-3935 Dec 09 j 19:56	23°  ♊46'06	25°46'31
morning set	-3935 Feb 01 j 05:31	4°  ♊17'34			-3935 Dec 15 j 10:26	0°  ♊☿	
max. Earth dist.	-3935 Feb 05 j 16:10	13°  ♊01'37	1.34491 AU	desc. node	-3935 Dec 20 j 22:58	7°  ♊04'27	
					-3934 Jan 05 j 06:17	0°  ♊☿	
superior conj	-3935 Feb 09 j 15:11	21°  ♊08'25	-1°14'37	morning set	-3934 Jan 15 j 02:02	17°  ♊02'47	
minimum elong	-3935 Feb 09 j 18:09	21°  ♊23'53	1°14'19	max. Earth dist.	-3934 Jan 18 j 22:56	24°  ♊07'47	1.35995 AU
	-3935 Feb 13 j 20:28	0°  ♊☿			-3934 Jan 21 j 21:27	0°  ♊☿	
evening rise	-3935 Feb 17 j 02:31	6°  ♊48'50					
asc. node	-3935 Feb 17 j 14:05	7°  ♊48'44		superior conj	-3934 Jan 24 j 09:58	5°  ♊01'10	-1°34'19
	-3935 Mar 01 j 19:20	0°  ♊☿		minimum elong	-3934 Jan 24 j 13:05	5°  ♊16'53	1°34'09
evening max el	-3935 Mar 09 j 00:28	8°  ♊46'47	21°21'26	evening rise	-3934 Feb 01 j 08:33	21°  ♊13'54	
retrograde	-3935 Mar 20 j 21:55	14°  ♊28'54		asc. node	-3934 Feb 04 j 11:07	27°  ♊27'27	
evening set	-3935 Mar 23 j 09:51	14°  ♊14'41			-3934 Feb 05 j 18:33	0°  ♊☿	
desc. node	-3935 Apr 01 j 00:53	10°  ♊37'12		evening max el	-3934 Feb 19 j 08:38	20°  ♊14'47	20°04'45
inferior conj	-3935 Apr 01 j 16:44	10°  ♊14'54	-0°11'00	retrograde	-3934 Mar 01 j 13:48	25°  ♊05'43	
minimum elong	-3935 Apr 01 j 16:13	10°  ♊15'38	0°10'52	evening set	-3934 Mar 03 j 21:07	24°  ♊52'00	
transit middle	-3935 Apr 01 j 16:13	10°  ♊15'38	0°10'52	inferior conj	-3934 Mar 12 j 15:37	20°  ♊51'58	1°41'02
transit begin	-3935 Apr 01 j 13:14	10°  ♊19'50		minimum elong	-3934 Mar 12 j 19:40	20°  ♊45'49	1°39'39
transit end	-3935 Apr 01 j 19:12	10°  ♊11'25		min. Earth dist.	-3934 Mar 14 j 16:06	19°  ♊38'49	0.55701 AU
min. Earth dist.	-3935 Apr 02 j 02:03	10°  ♊01'45	0.55166 AU	desc. node	-3934 Mar 18 j 22:02	17°  ♊23'18	
morning rise	-3935 Apr 10 j 22:30	6°  ♊09'55		morning rise	-3934 Mar 21 j 16:16	16°  ♊22'59	
direct	-3935 Apr 13 j 21:27	5°  ♊50'45		direct	-3934 Mar 25 j 13:09	15°  ♊50'05	
morning max el	-3935 Apr 26 j 12:53	11°  ♊54'01	22°10'10	morning max el	-3934 Apr 08 j 06:35	22°  ♊38'31	23°48'41
	-3935 May 09 j 19:02	0°  ♊☿			-3934 Apr 14 j 18:01	0°  ♊☿	
asc. node	-3935 May 16 j 13:46	12°  ♊59'45		morning set	-3934 May 02 j 09:27	0°  ♊44'32	
morning set	-3935 May 17 j 21:36	15°  ♊43'49			-3934 May 02 j 00:56	0°  ♊☿	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-3934 May 03 j 10:45	2° Υ 57'47			-3933 Apr 23 j 11:49	0° Υ	
superior conj	-3934 May 09 j 11:27	15° Υ 54'47	0°58'59	superior conj	-3933 Apr 23 j 21:44	0° Υ 54'01	0°36'36
minimum elong	-3934 May 09 j 09:08	15° Υ 42'24	0°58'37	minimum elong	-3933 Apr 23 j 20:11	0° Υ 45'35	0°36'17
max. Earth dist.	-3934 May 11 j 11:19	20° Υ 10'41	1.33536 AU	max. Earth dist.	-3933 Apr 24 j 20:57	3° Υ 00'20	1.32889 AU
	-3934 May 16 j 04:39	0° B		evening rise	-3933 May 01 j 01:45	16° Υ 10'08	
evening rise	-3934 May 16 j 23:08	1° B 33'13			-3933 May 08 j 03:54	0° B	
	-3934 Jun 01 j 22:05	0° II			-3933 May 27 j 23:16	0° II	
desc. node	-3934 Jun 14 j 20:46	17° II 38'31		evening max el	-3933 Jun 01 j 18:00	5° II 05'24	27°13'14
evening max el	-3934 Jun 19 j 10:53	22° II 29'53	27°24'59	desc. node	-3933 Jun 01 j 17:52	5° II 05'06	
retrograde	-3934 Jul 03 j 02:39	29° II 53'37		retrograde	-3933 Jun 15 j 15:54	12° II 28'12	
evening set	-3934 Jul 10 j 06:25	27° II 13'18		evening set	-3933 Jun 22 j 16:25	10° II 09'34	
min. Earth dist.	-3934 Jul 13 j 21:03	24° II 01'03	0.63633 AU	min. Earth dist.	-3933 Jun 26 j 07:26	7° II 20'41	0.61812 AU
inferior conj	-3934 Jul 16 j 11:27	21° II 20'07	-3°45'52	inferior conj	-3933 Jun 29 j 10:13	4° II 29'47	-4°11'59
minimum elong	-3934 Jul 16 j 15:02	21° II 10'48	3°45'00	minimum elong	-3933 Jun 29 j 12:28	4° II 24'35	4°11'37
morning rise	-3934 Jul 23 j 00:30	16° II 02'10			-3933 Jul 05 j 08:04	30° R B	
direct	-3934 Jul 25 j 16:40	15° II 26'56		morning rise	-3933 Jul 06 j 10:00	29° B 32'05	
asc. node	-3934 Jul 30 j 10:14	17° II 16'55		direct	-3933 Jul 08 j 23:37	29° B 03'41	
morning max el	-3934 Aug 01 j 05:30	18° II 51'47	17°58'33		-3933 Jul 12 j 12:49	0° II	
	-3934 Aug 09 j 09:05	0° B		morning max el	-3933 Jul 15 j 19:42	2° II 29'06	17°58'44
morning set	-3934 Aug 18 j 06:12	15° B 08'40		asc. node	-3933 Jul 17 j 07:16	4° II 03'31	
	-3934 Aug 26 j 22:28	0° Ω		morning set	-3933 Jul 31 j 23:18	27° II 50'44	
					-3933 Aug 02 j 03:44	0° B	
superior conj	-3934 Aug 30 j 16:19	6° Ω 13'45	1°07'13	superior conj	-3933 Aug 11 j 16:35	16° B 58'47	1°34'05
minimum elong	-3934 Aug 30 j 22:07	6° Ω 37'38	1°06'43	minimum elong	-3933 Aug 11 j 20:59	17° B 17'49	1°33'54
max. Earth dist.	-3934 Sep 05 j 13:06	15° Ω 45'40	1.43869 AU	max. Earth dist.	-3933 Aug 19 j 00:20	29° B 20'17	1.42463 AU
desc. node	-3934 Sep 10 j 20:08	24° Ω 09'28			-3933 Aug 19 j 10:00	0° Ω	
	-3934 Sep 14 j 13:59	0° B		evening rise	-3933 Aug 25 j 23:21	10° Ω 32'51	
evening rise	-3934 Sep 15 j 16:13	1° B 41'32		desc. node	-3933 Aug 28 j 17:06	14° Ω 50'09	
	-3934 Oct 04 j 15:03	0° B			-3933 Sep 07 j 17:39	0° B	
evening max el	-3934 Oct 13 j 22:03	11° B 41'32	20°37'20	evening max el	-3933 Sep 26 j 18:17	25° B 06'45	21°49'48
retrograde	-3934 Oct 22 j 00:22	16° B 28'17			-3933 Oct 03 j 07:33	0° B	
evening set	-3934 Oct 25 j 20:15	15° B 03'59		retrograde	-3933 Oct 05 j 20:32	0° B 30'58	
asc. node	-3934 Oct 26 j 09:10	14° B 38'31			-3933 Oct 08 j 06:10	30° R B	
inferior conj	-3934 Oct 31 j 06:21	8° B 56'09	1°37'06	evening set	-3933 Oct 10 j 04:12	28° B 48'42	
minimum elong	-3934 Oct 31 j 04:14	9° B 03'17	1°36'16	asc. node	-3933 Oct 13 j 06:16	25° B 34'14	
min. Earth dist.	-3934 Oct 31 j 21:08	8° B 06'01	0.66941 AU	inferior conj	-3933 Oct 15 j 12:09	22° B 33'48	0°45'50
morning rise	-3934 Nov 05 j 12:04	2° B 41'05		minimum elong	-3933 Oct 15 j 11:06	22° B 37'25	0°45'26
direct	-3934 Nov 10 j 23:26	0° B 18'36		min. Earth dist.	-3933 Oct 15 j 16:15	22° B 19'37	0.67335 AU
morning max el	-3934 Nov 22 j 04:41	6° B 59'45	24°25'37	morning rise	-3933 Oct 20 j 17:51	16° B 18'44	
desc. node	-3934 Dec 07 j 19:58	26° B 39'05		direct	-3933 Oct 25 j 14:03	14° B 17'14	
	-3934 Dec 10 j 03:31	0° B		morning max el	-3933 Nov 04 j 14:47	20° B 16'25	22°59'05
morning set	-3934 Dec 28 j 02:02	28° B 42'29			-3933 Nov 12 j 20:31	0° B	
	-3934 Dec 28 j 19:46	0° B		desc. node	-3933 Nov 24 j 16:56	16° B 39'13	
max. Earth dist.	-3934 Dec 31 j 20:51	5° B 25'41	1.37871 AU		-3933 Dec 03 j 09:35	0° B	
superior conj	-3933 Jan 07 j 17:40	18° B 15'49	-1°48'41	morning set	-3933 Dec 08 j 23:31	9° B 02'05	
minimum elong	-3933 Jan 07 j 19:59	18° B 26'59	1°48'43	max. Earth dist.	-3933 Dec 13 j 16:42	16° B 59'08	1.39938 AU
	-3933 Jan 13 j 17:11	0° B					
evening rise	-3933 Jan 16 j 08:38	5° B 14'59		superior conj	-3933 Dec 21 j 09:49	0° B 40'42	-1°54'51
asc. node	-3933 Jan 22 j 08:10	16° B 43'55		minimum elong	-3933 Dec 21 j 09:58	0° B 41'23	1°55'00
	-3933 Jan 30 j 23:17	0° \approx			-3933 Dec 21 j 00:55	0° B	
evening max el	-3933 Feb 02 j 03:12	2° \approx 18'33	19°06'30	evening rise	-3933 Dec 31 j 00:01	18° B 45'07	
retrograde	-3933 Feb 10 j 19:19	6° \approx 27'30			-3932 Jan 06 j 00:22	0° B	
evening set	-3933 Feb 13 j 04:30	6° \approx 10'03		asc. node	-3932 Jan 09 j 05:13	5° B 30'17	
inferior conj	-3933 Feb 21 j 05:51	1° \approx 56'39	3°04'13	evening max el	-3932 Jan 16 j 06:26	14° B 53'16	18°28'10
minimum elong	-3933 Feb 21 j 10:40	1° \approx 48'17	3°02'59	retrograde	-3932 Jan 23 j 19:02	18° B 34'45	
	-3933 Feb 24 j 01:28	30° R B		evening set	-3932 Jan 26 j 07:27	18° B 11'17	
min. Earth dist.	-3933 Feb 24 j 07:18	29° B 50'16	0.57029 AU	inferior conj	-3932 Feb 02 j 16:19	13° B 38'13	3°49'43
morning rise	-3933 Mar 01 j 14:10	26° B 57'09		minimum elong	-3932 Feb 02 j 18:55	13° B 32'59	3°49'17
desc. node	-3933 Mar 05 j 19:09	25° B 58'04		min. Earth dist.	-3932 Feb 06 j 01:41	10° B 55'32	0.58875 AU
direct	-3933 Mar 06 j 16:32	25° B 56'11		morning rise	-3932 Feb 10 j 04:09	8° B 13'35	
	-3933 Mar 17 j 02:41	0° \approx		direct	-3932 Feb 16 j 09:12	6° B 33'56	
morning max el	-3933 Mar 20 j 21:36	3° \approx 14'35	25°24'33	desc. node	-3932 Feb 20 j 16:14	7° B 19'58	
	-3933 Apr 08 j 21:11	0° B		morning max el	-3932 Mar 01 j 15:31	14° B 08'09	26°42'33
morning set	-3933 Apr 16 j 21:38	15° B 47'38			-3932 Mar 14 j 07:55	0° \approx	
asc. node	-3933 Apr 20 j 07:43	23° B 05'58			-3932 Mar 30 j 23:39	0° B	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning set	-3932 Mar 31 j 08:22	0° H 45'28		morning rise	-3931 Jan 21 j 15:29	20° X 12'55	
asc. node	-3932 Apr 06 j 04:41	13° H 18'53		direct	-3931 Jan 28 j 12:44	17° X 56'32	
				desc. node	-3931 Feb 06 j 13:20	21° X 19'47	
superior conj	-3932 Apr 07 j 09:23	15° H 55'58	0°12'29	morning max el	-3931 Feb 11 j 15:21	25° X 37'49	27°30'20
minimum elong	-3932 Apr 07 j 08:50	15° H 52'57	0°12'18		-3931 Feb 15 j 17:20	0° Z	
behind sun begin	-3932 Apr 07 j 05:41	15° H 35'44			-3931 Mar 07 j 16:21	0° \approx	
behind sun end	-3932 Apr 07 j 11:59	16° H 10'10		morning set	-3931 Mar 15 j 15:51	15° \approx 31'20	
max. Earth dist.	-3932 Apr 07 j 09:56	15° H 58'58	1.32583 AU	max. Earth dist.	-3931 Mar 21 j 22:41	28° \approx 54'04	1.32624 AU
	-3932 Apr 13 j 21:45	0° Y			-3931 Mar 22 j 10:47	0° H	
evening rise	-3932 Apr 14 j 09:24	1° Y 00'57					
	-3932 Apr 30 j 07:14	0° B		superior conj	-3931 Mar 22 j 20:46	0° H 54'30	-0°12'34
evening max el	-3932 May 13 j 19:34	17° B 00'26	26°28'56	minimum elong	-3931 Mar 22 j 21:20	0° H 57'37	0°12'33
desc. node	-3932 May 18 j 14:57	20° B 58'32		behind sun begin	-3931 Mar 22 j 18:15	0° H 40'45	
retrograde	-3932 May 27 j 21:25	24° B 19'38		behind sun end	-3931 Mar 23 j 00:26	1° H 14'29	
evening set	-3932 Jun 03 j 07:01	22° B 35'26		asc. node	-3931 Mar 24 j 01:40	3° H 32'21	
min. Earth dist.	-3932 Jun 07 j 08:48	19° B 53'59	0.59786 AU	evening rise	-3931 Mar 29 j 19:59	15° H 58'08	
inferior conj	-3932 Jun 10 j 17:47	17° B 12'37	-4°18'55		-3931 Apr 05 j 21:03	0° Y	
minimum elong	-3932 Jun 10 j 17:16	17° B 13'39	4°18'47	evening max el	-3931 Apr 25 j 15:09	28° Y 14'51	25°16'19
morning rise	-3932 Jun 18 j 05:48	12° B 36'27			-3931 Apr 27 j 13:44	0° B	
direct	-3932 Jun 20 j 18:08	12° B 13'24		desc. node	-3931 May 05 j 12:03	4° B 43'43	
morning max el	-3932 Jun 28 j 06:19	15° B 50'27	18°18'14	retrograde	-3931 May 09 j 16:42	5° B 24'51	
asc. node	-3932 Jul 03 j 04:17	21° B 49'06		evening set	-3931 May 14 j 23:52	4° B 19'27	
	-3932 Jul 08 j 04:58	0° II		min. Earth dist.	-3931 May 20 j 03:30	1° B 29'09	0.57803 AU
morning set	-3932 Jul 14 j 07:25	11° II 17'28			-3931 May 22 j 07:30	30° R Y	
				inferior conj	-3931 May 23 j 06:46	29° Y 19'26	-3°56'59
superior conj	-3932 Jul 23 j 18:03	28° II 59'07	1°47'02	minimum elong	-3931 May 23 j 02:41	29° Y 26'31	3°56'21
minimum elong	-3932 Jul 23 j 19:44	29° II 06'48	1°47'07	morning rise	-3931 May 31 j 08:25	25° Y 03'46	
	-3932 Jul 24 j 07:26	0° B		direct	-3931 Jun 02 j 20:08	24° Y 44'57	
max. Earth dist.	-3932 Jul 31 j 05:32	12° B 12'25	1.40660 AU	morning max el	-3931 Jun 11 j 10:27	28° Y 46'45	18°57'56
evening rise	-3932 Aug 05 j 01:32	20° B 18'54			-3931 Jun 12 j 15:45	0° B	
	-3932 Aug 11 j 02:24	0° Q		asc. node	-3931 Jun 20 j 01:18	10° B 20'23	
desc. node	-3932 Aug 14 j 14:05	5° Q 23'35		morning set	-3931 Jun 28 j 02:26	25° B 18'31	
	-3932 Aug 31 j 23:31	0° P			-3931 Jun 30 j 11:35	0° II	
evening max el	-3932 Sep 08 j 09:08	8° P 32'57	23°09'22				
retrograde	-3932 Sep 18 j 14:05	14° P 35'44		superior conj	-3931 Jul 06 j 15:07	11° II 59'31	1°48'38
evening set	-3932 Sep 23 j 11:27	12° P 34'05		minimum elong	-3931 Jul 06 j 14:29	11° II 56'29	1°48'46
inferior conj	-3932 Sep 28 j 18:49	6° P 15'44	-0°07'20	max. Earth dist.	-3931 Jul 13 j 07:34	24° II 25'03	1.38710 AU
minimum elong	-3932 Sep 28 j 18:59	6° P 15'10	0°07'11		-3931 Jul 16 j 11:14	0° B	
transit middle	-3932 Sep 28 j 18:59	6° P 15'10	0°07'11	evening rise	-3931 Jul 17 j 05:54	1° B 20'59	
transit begin	-3932 Sep 28 j 16:33	6° P 23'31		desc. node	-3931 Aug 01 j 11:05	25° B 45'00	
transit end	-3932 Sep 28 j 21:24	6° P 06'49			-3931 Aug 04 j 08:47	0° Q	
min. Earth dist.	-3932 Sep 28 j 12:44	6° P 36'38	0.67426 AU	evening max el	-3931 Aug 21 j 20:46	22° Q 01'49	24°29'38
asc. node	-3932 Sep 29 j 03:22	5° P 46'19		retrograde	-3931 Sep 02 j 03:54	28° Q 38'39	
morning rise	-3932 Oct 04 j 02:23	0° P 03'43		evening set	-3931 Sep 07 j 16:11	26° Q 17'51	
	-3932 Oct 04 j 04:17	30° R Q		min. Earth dist.	-3931 Sep 12 j 08:02	20° Q 54'55	0.67219 AU
direct	-3932 Oct 08 j 08:32	28° Q 23'30		inferior conj	-3931 Sep 13 j 00:34	19° Q 59'27	-1°00'50
	-3932 Oct 12 j 22:42	0° P		minimum elong	-3931 Sep 13 j 02:00	19° Q 54'40	1°00'08
morning max el	-3932 Oct 17 j 05:21	3° P 38'33	21°35'36	asc. node	-3931 Sep 16 j 00:29	16° Q 12'10	
	-3932 Nov 05 j 23:07	0° Q		morning rise	-3931 Sep 18 j 11:47	13° Q 53'40	
desc. node	-3932 Nov 10 j 13:54	6° Q 57'38		direct	-3931 Sep 22 j 05:40	12° Q 33'04	
morning set	-3932 Nov 17 j 16:40	18° Q 01'19		morning max el	-3931 Sep 30 j 02:48	17° Q 08'42	20°21'25
max. Earth dist.	-3932 Nov 24 j 17:42	29° Q 24'21	1.41916 AU		-3931 Oct 10 j 05:06	0° P	
	-3932 Nov 25 j 02:19	0° M		morning set	-3931 Oct 27 j 15:52	26° P 14'28	
				desc. node	-3931 Oct 28 j 10:50	27° P 28'04	
superior conj	-3932 Dec 02 j 05:01	12° M 02'58	-1°49'14		-3931 Oct 30 j 01:51	0° Q	
minimum elong	-3932 Dec 02 j 01:40	11° M 48'25	1°49'11	max. Earth dist.	-3931 Nov 07 j 02:36	12° Q 42'32	1.43519 AU
	-3932 Dec 12 j 06:02	0° X					
evening rise	-3932 Dec 13 j 03:20	1° X 37'17		superior conj	-3931 Nov 12 j 21:53	22° Q 09'08	-1°28'09
asc. node	-3932 Dec 26 j 02:17	23° X 37'28		minimum elong	-3931 Nov 12 j 15:16	21° Q 41'53	1°27'35
evening max el	-3932 Dec 29 j 15:40	27° X 51'32	18°09'46		-3931 Nov 17 j 14:47	0° M	
	-3931 Jan 01 j 06:43	0° Z		evening rise	-3931 Nov 25 j 14:17	13° M 42'01	
retrograde	-3931 Jan 05 j 11:39	1° Z 20'29			-3931 Dec 05 j 02:43	0° X	
evening set	-3931 Jan 08 j 03:11	0° Z 49'39		asc. node	-3931 Dec 12 j 23:23	10° X 52'59	
	-3931 Jan 09 j 19:53	30° R X		evening max el	-3931 Dec 13 j 03:54	11° X 04'31	18°10'50
inferior conj	-3931 Jan 14 j 22:12	25° X 54'54	4°02'56	retrograde	-3931 Dec 19 j 17:11	14° X 33'46	
minimum elong	-3931 Jan 14 j 22:02	25° X 55'18	4°02'47	evening set	-3931 Dec 22 j 12:03	13° X 54'39	
min. Earth dist.	-3931 Jan 18 j 02:03	22° X 59'43	0.60896 AU	inferior conj	-3931 Dec 28 j 19:59	8° X 38'56	3°52'46

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-3931 Dec 28 j 17:52	8° 𐌶 44'31	3°52'22	min. Earth dist.	-3930 Dec 14 j 06:18	19° 𐌛 22'43	0.64408 AU
min. Earth dist.	-3931 Dec 31 j 11:06	5° 𐌶 53'26	0.62797 AU	morning rise	-3930 Dec 17 j 22:45	15° 𐌛 39'50	
morning rise	-3930 Jan 03 j 22:54	2° 𐌶 44'36		direct	-3930 Dec 24 j 19:42	12° 𐌛 48'51	
direct	-3930 Jan 11 j 00:40	0° 𐌶 03'27		morning max el	-3929 Jan 07 j 06:02	20° 𐌛 30'02	27°19'07
desc. node	-3930 Jan 24 j 10:24	7° 𐌶 21'42		desc. node	-3929 Jan 11 j 07:28	24° 𐌛 51'57	
morning max el	-3930 Jan 24 j 20:56	7° 𐌶 47'21	27°42'14		-3929 Jan 15 j 12:16	0° 𐌶	
	-3930 Feb 10 j 23:55	0° 𐌶			-3929 Feb 04 j 00:40	0° 𐌶	
morning set	-3930 Feb 27 j 17:52	29° 𐌶 57'15		morning set	-3929 Feb 11 j 11:36	13° 𐌶 54'14	
	-3930 Feb 27 j 18:24	0° 𐌶		max. Earth dist.	-3929 Feb 16 j 08:05	23° 𐌶 40'26	1.33830 AU
max. Earth dist.	-3930 Mar 05 j 07:21	11° 𐌶 31'50	1.33026 AU				
				superior conj	-3929 Feb 19 j 11:51	0° 𐌶 16'34	-1°01'44
superior conj	-3930 Mar 07 j 06:13	15° 𐌶 43'26	-0°37'39	minimum elong	-3929 Feb 19 j 14:27	0° 𐌶 30'20	1°01'25
minimum elong	-3930 Mar 07 j 07:53	15° 𐌶 52'28	0°37'26		-3929 Feb 19 j 08:43	0° 𐌶	
asc. node	-3930 Mar 10 j 22:42	23° 𐌶 42'05		asc. node	-3929 Feb 25 j 19:44	13° 𐌶 43'47	
	-3930 Mar 13 j 21:18	0° 𐌶		evening rise	-3929 Feb 26 j 18:36	15° 𐌶 43'54	
evening rise	-3930 Mar 14 j 07:39	0° 𐌶 54'33			-3929 Mar 06 j 00:03	0° 𐌶	
	-3930 Mar 30 j 15:11	0° 𐌶		evening max el	-3929 Mar 20 j 01:13	19° 𐌶 46'17	22°12'01
evening max el	-3930 Apr 07 j 07:07	9° 𐌶 01'32	23°45'59	retrograde	-3929 Apr 01 j 18:45	25° 𐌶 57'54	
retrograde	-3930 Apr 20 j 23:35	15° 𐌶 51'00		evening set	-3929 Apr 04 j 15:23	25° 𐌶 39'48	
desc. node	-3930 Apr 22 j 09:10	15° 𐌶 46'35		desc. node	-3929 Apr 09 j 06:20	24° 𐌶 03'19	
evening set	-3930 Apr 24 j 22:39	15° 𐌶 16'23		min. Earth dist.	-3929 Apr 13 j 08:25	21° 𐌶 53'40	0.55273 AU
min. Earth dist.	-3930 May 01 j 18:28	12° 𐌶 04'32	0.56188 AU	inferior conj	-3929 Apr 14 j 00:07	21° 𐌶 31'28	-1°18'00
inferior conj	-3930 May 03 j 23:36	10° 𐌶 44'00	-2°56'41	minimum elong	-3929 Apr 13 j 20:35	21° 𐌶 36'27	1°16'50
minimum elong	-3930 May 03 j 17:38	10° 𐌶 53'06	2°55'07	morning rise	-3929 Apr 23 j 03:15	17° 𐌶 33'39	
morning rise	-3930 May 12 j 15:30	6° 𐌶 43'42		direct	-3929 Apr 25 j 19:04	17° 𐌶 17'40	
direct	-3930 May 15 j 03:21	6° 𐌶 27'48		morning max el	-3929 May 07 j 13:49	22° 𐌶 50'02	21°17'40
morning max el	-3930 May 25 j 05:29	11° 𐌶 08'51	19°58'13		-3929 May 13 j 18:04	0° 𐌶	
asc. node	-3930 Jun 06 j 22:20	29° 𐌶 26'29		asc. node	-3929 May 24 j 19:21	18° 𐌶 58'01	
	-3930 Jun 07 j 05:31	0° 𐌶		morning set	-3929 May 27 j 12:59	24° 𐌶 30'40	
morning set	-3930 Jun 12 j 05:10	9° 𐌶 45'39			-3929 May 30 j 04:21	0° 𐌶	
superior conj	-3930 Jun 20 j 02:32	25° 𐌶 45'25	1°41'42	superior conj	-3929 Jun 03 j 23:58	10° 𐌶 03'21	1°28'30
minimum elong	-3930 Jun 20 j 00:28	25° 𐌶 35'06	1°41'42	minimum elong	-3929 Jun 03 j 21:19	9° 𐌶 49'38	1°28'18
	-3930 Jun 22 j 05:57	0° 𐌶		max. Earth dist.	-3929 Jun 07 j 22:45	18° 𐌶 05'53	1.35272 AU
max. Earth dist.	-3930 Jun 25 j 11:35	6° 𐌶 14'55	1.36853 AU	evening rise	-3929 Jun 12 j 09:26	26° 𐌶 46'15	
evening rise	-3930 Jun 29 j 10:19	13° 𐌶 35'03			-3929 Jun 14 j 02:40	0° 𐌶	
	-3930 Jul 08 j 23:26	0° 𐌶			-3929 Jul 02 j 07:31	0° 𐌶	
desc. node	-3930 Jul 19 j 08:06	15° 𐌶 48'51		desc. node	-3929 Jul 06 j 05:09	5° 𐌶 26'28	
	-3930 Jul 30 j 04:10	0° 𐌶		evening max el	-3929 Jul 17 j 18:37	19° 𐌶 02'56	26°41'24
evening max el	-3930 Aug 04 j 07:31	5° 𐌶 33'36	25°42'56	retrograde	-3929 Jul 30 j 17:55	26° 𐌶 20'58	
retrograde	-3930 Aug 16 j 13:18	12° 𐌶 36'06		evening set	-3929 Aug 06 j 10:14	23° 𐌶 33'59	
evening set	-3930 Aug 22 j 16:33	9° 𐌶 58'58		min. Earth dist.	-3929 Aug 10 j 09:35	19° 𐌶 26'35	0.65798 AU
min. Earth dist.	-3930 Aug 26 j 23:47	5° 𐌶 13'11	0.66689 AU	inferior conj	-3929 Aug 12 j 02:14	17° 𐌶 24'49	-2°41'50
inferior conj	-3930 Aug 28 j 03:43	3° 𐌶 43'41	-1°52'57	minimum elong	-3929 Aug 12 j 05:43	17° 𐌶 14'24	2°40'33
minimum elong	-3930 Aug 28 j 06:19	3° 𐌶 35'24	1°51'50	morning rise	-3929 Aug 18 j 01:32	11° 𐌶 40'58	
	-3930 Aug 31 j 06:22	30° 𐌶		asc. node	-3929 Aug 20 j 18:42	10° 𐌶 51'07	
morning rise	-3930 Sep 02 j 20:11	27° 𐌶 47'18		direct	-3929 Aug 21 j 01:21	10° 𐌶 50'41	
asc. node	-3930 Sep 02 j 21:36	27° 𐌶 45'05		morning max el	-3929 Aug 27 j 18:06	14° 𐌶 33'23	18°35'13
direct	-3930 Sep 06 j 03:54	26° 𐌶 43'30			-3929 Sep 07 j 22:01	0° 𐌶	
	-3930 Sep 12 j 11:56	0° 𐌶		morning set	-3929 Sep 16 j 23:22	14° 𐌶 33'43	
morning max el	-3930 Sep 13 j 07:33	0° 𐌶 48'09	19°20'33		-3929 Sep 26 j 14:41	0° 𐌶	
	-3930 Oct 03 j 17:56	0° 𐌶					
morning set	-3930 Oct 06 j 20:04	4° 𐌶 49'23		superior conj	-3929 Oct 02 j 11:56	9° 𐌶 18'28	-0°01'55
desc. node	-3930 Oct 15 j 07:47	18° 𐌶 06'48		minimum elong	-3929 Oct 02 j 11:41	9° 𐌶 17'31	0°01'50
max. Earth dist.	-3930 Oct 20 j 17:41	26° 𐌶 38'23	1.44532 AU	behind sun begin	-3929 Oct 02 j 00:22	8° 𐌶 32'52	
	-3930 Oct 22 j 20:33	0° 𐌶		behind sun end	-3929 Oct 02 j 23:01	10° 𐌶 02'09	
				desc. node	-3929 Oct 02 j 04:43	8° 𐌶 50'02	
superior conj	-3930 Oct 23 j 12:09	1° 𐌶 01'58	-0°50'26	max. Earth dist.	-3929 Oct 03 j 11:28	10° 𐌶 51'15	1.44837 AU
minimum elong	-3930 Oct 23 j 06:12	0° 𐌶 38'21	0°49'42		-3929 Oct 15 j 15:00	0° 𐌶	
evening rise	-3930 Nov 07 j 04:19	24° 𐌶 50'43		evening rise	-3929 Oct 18 j 17:42	4° 𐌶 55'45	
	-3930 Nov 10 j 06:59	0° 𐌶		greatest brilliancy	-3929 Oct 27 j 05:50	18° 𐌶 23'46	-0.8m
evening max el	-3930 Nov 26 j 16:24	24° 𐌶 26'09	18°30'31		-3929 Nov 03 j 21:13	0° 𐌶	
asc. node	-3930 Nov 29 j 20:30	27° 𐌶 02'46		evening max el	-3929 Nov 10 j 02:36	7° 𐌶 51'58	19°07'43
retrograde	-3930 Dec 03 j 07:20	28° 𐌶 06'26		asc. node	-3929 Nov 16 j 17:36	11° 𐌶 51'21	
evening set	-3930 Dec 06 j 06:38	27° 𐌶 17'38		retrograde	-3929 Nov 17 j 02:22	11° 𐌶 52'07	
inferior conj	-3930 Dec 12 j 05:57	21° 𐌶 43'21	3°26'35	evening set	-3929 Nov 20 j 07:54	10° 𐌶 51'39	
minimum elong	-3930 Dec 12 j 02:55	21° 𐌶 52'12	3°25'48	inferior conj	-3929 Nov 26 j 00:42	5° 𐌶 01'56	2°49'32

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-3929 Nov 25 j 21:35	5°♌11'43	2°48'31	retrograde	-3928 Oct 30 j 23:24	25°♑46'27	
min. Earth dist.	-3929 Nov 27 j 10:56	3°♌14'13	0.65665 AU	asc. node	-3928 Nov 02 j 14:43	25°♑06'03	
	-3929 Nov 30 j 06:22	30°♑♑		evening set	-3928 Nov 03 j 13:21	24°♑31'44	
morning rise	-3929 Dec 01 j 10:58	28°♑51'51		inferior conj	-3928 Nov 09 j 01:26	18°♑29'46	2°05'04
direct	-3929 Dec 07 j 21:11	26°♑04'33		minimum elong	-3928 Nov 08 j 22:51	18°♑38'21	2°04'05
	-3929 Dec 16 j 17:19	0°♌		min. Earth dist.	-3928 Nov 09 j 22:58	17°♑18'15	0.66574 AU
morning max el	-3929 Dec 20 j 15:51	3°♌33'09	26°26'39	morning rise	-3928 Nov 14 j 08:07	12°♑15'45	
desc. node	-3929 Dec 29 j 04:31	13°♌24'31		direct	-3928 Nov 20 j 04:20	9°♑42'07	
	-3928 Jan 09 j 20:16	0°♐		morning max el	-3928 Dec 02 j 00:40	16°♑44'15	25°13'18
morning set	-3928 Jan 25 j 17:19	27°♐10'34			-3928 Dec 13 j 02:29	0°♌	
	-3928 Jan 27 j 05:01	0°♐		desc. node	-3928 Dec 15 j 01:30	2°♌40'24	
max. Earth dist.	-3928 Jan 29 j 21:35	5°♐13'39	1.35072 AU		-3927 Jan 01 j 19:06	0°♐	
				morning set	-3927 Jan 07 j 05:51	9°♐30'08	
superior conj	-3928 Feb 03 j 11:25	14°♐26'54	-1°23'30	max. Earth dist.	-3927 Jan 10 j 23:28	16°♐20'26	1.36752 AU
minimum elong	-3928 Feb 03 j 14:33	14°♐42'59	1°23'14				
	-3928 Feb 10 j 23:10	0°♑		superior conj	-3927 Jan 17 j 01:56	28°♐04'51	-1°41'14
evening rise	-3928 Feb 11 j 03:02	0°♑19'57		minimum elong	-3927 Jan 17 j 04:52	28°♐19'18	1°41'08
asc. node	-3928 Feb 12 j 16:46	3°♑32'48			-3927 Jan 18 j 01:10	0°♐	
	-3928 Feb 29 j 05:06	0°♑		evening rise	-3927 Jan 25 j 06:48	14°♐35'23	
evening max el	-3928 Mar 01 j 03:28	0°♑55'18	20°46'49	asc. node	-3927 Jan 29 j 13:47	23°♐02'50	
retrograde	-3928 Mar 12 j 08:32	6°♑15'44			-3927 Feb 02 j 09:22	0°♑	
evening set	-3928 Mar 14 j 16:52	6°♑02'36		evening max el	-3927 Feb 11 j 16:16	12°♑39'07	19°37'39
inferior conj	-3928 Mar 23 j 19:34	2°♑04'43	0°38'37	retrograde	-3927 Feb 21 j 04:42	17°♑10'06	
minimum elong	-3928 Mar 23 j 21:18	2°♑02'13	0°37'56	evening set	-3927 Feb 23 j 12:24	16°♑55'13	
min. Earth dist.	-3928 Mar 24 j 22:42	1°♑25'40	0.55273 AU	inferior conj	-3927 Mar 03 j 23:51	12°♑51'08	2°20'48
desc. node	-3928 Mar 26 j 03:28	0°♑44'59		minimum elong	-3927 Mar 04 j 04:45	12°♑43'20	2°19'17
	-3928 Mar 27 j 12:51	30°♑♑		min. Earth dist.	-3927 Mar 06 j 13:18	11°♑13'40	0.56184 AU
morning rise	-3928 Apr 02 j 00:42	27°♑50'50		morning rise	-3927 Mar 12 j 18:33	8°♑08'58	
direct	-3928 Apr 05 j 07:14	27°♑27'31		desc. node	-3927 Mar 13 j 00:36	8°♑04'13	
	-3928 Apr 13 j 12:55	0°♑		direct	-3927 Mar 17 j 03:52	7°♑25'36	
morning max el	-3928 Apr 18 j 12:02	3°♑52'18	22°51'33	morning max el	-3927 Mar 31 j 03:42	14°♑29'19	24°30'34
	-3928 May 06 j 07:26	0°♑			-3927 Apr 12 j 07:52	0°♑	
morning set	-3928 May 10 j 23:52	9°♑27'19		morning set	-3927 Apr 25 j 12:01	24°♑29'10	
asc. node	-3928 May 10 j 16:22	8°♑48'15		asc. node	-3927 Apr 27 j 13:21	28°♑50'57	
					-3927 Apr 28 j 02:13	0°♑	
superior conj	-3928 May 18 j 04:15	24°♑43'28	1°10'45	superior conj	-3927 May 02 j 12:53	9°♑37'09	0°49'46
minimum elong	-3928 May 18 j 01:40	24°♑29'47	1°10'25	minimum elong	-3927 May 02 j 10:52	9°♑26'13	0°49'24
	-3928 May 20 j 16:19	0°♒		max. Earth dist.	-3927 May 04 j 01:40	12°♑55'33	1.33219 AU
max. Earth dist.	-3928 May 20 j 19:47	0°♒18'08	1.34060 AU	evening rise	-3927 May 09 j 20:47	25°♑04'26	
evening rise	-3928 May 25 j 22:18	10°♒40'23			-3927 May 12 j 08:03	0°♒	
	-3928 Jun 05 j 11:28	0°♒			-3927 May 30 j 00:25	0°♒	
desc. node	-3928 Jun 22 j 02:12	24°♒26'32		desc. node	-3927 Jun 08 j 23:17	12°♒33'15	
	-3928 Jun 26 j 22:05	0°♒		evening max el	-3927 Jun 11 j 15:21	15°♒16'16	27°24'09
evening max el	-3928 Jun 29 j 05:50	2°♒21'09	27°17'15	retrograde	-3927 Jun 25 j 10:18	22°♒39'48	
retrograde	-3928 Jul 12 j 17:10	9°♒45'08		evening set	-3927 Jul 02 j 13:43	20°♒07'20	
evening set	-3928 Jul 19 j 18:28	6°♒58'43		min. Earth dist.	-3927 Jul 06 j 03:44	17°♒06'18	0.62888 AU
min. Earth dist.	-3928 Jul 23 j 11:26	3°♒27'50	0.64526 AU	inferior conj	-3927 Jul 08 j 23:40	14°♒19'19	-3°58'52
inferior conj	-3928 Jul 25 j 17:49	0°♒58'38	-3°25'01	minimum elong	-3927 Jul 09 j 02:52	14°♒11'25	3°58'12
minimum elong	-3928 Jul 25 j 21:37	0°♒48'11	3°23'54	morning rise	-3927 Jul 15 j 17:04	9°♒09'25	
	-3928 Jul 26 j 15:21	30°♒♒		direct	-3927 Jul 18 j 07:55	8°♒37'19	
morning rise	-3928 Aug 01 j 01:25	25°♒30'15		asc. node	-3927 Jul 24 j 12:50	11°♒37'19	
direct	-3928 Aug 03 j 19:39	24°♒50'23		morning max el	-3927 Jul 24 j 22:54	12°♒01'30	17°56'18
asc. node	-3928 Aug 06 j 15:47	25°♒32'19			-3927 Aug 06 j 02:17	0°♒	
morning max el	-3928 Aug 10 j 08:04	28°♒19'37	18°06'47	morning set	-3927 Aug 10 j 12:15	7°♒47'18	
	-3928 Aug 11 j 20:54	0°♒					
morning set	-3928 Aug 28 j 06:03	25°♒36'45		superior conj	-3927 Aug 22 j 03:46	27°♒58'50	1°20'26
	-3928 Aug 30 j 20:36	0°♒		minimum elong	-3927 Aug 22 j 09:18	28°♒22'07	1°20'02
superior conj	-3928 Sep 10 j 19:38	18°♒02'09	0°45'06		-3927 Aug 23 j 08:41	0°♒	
minimum elong	-3928 Sep 11 j 00:33	18°♒21'56	0°44'37	max. Earth dist.	-3927 Aug 28 j 19:07	8°♒56'04	1.43333 AU
max. Earth dist.	-3928 Sep 15 j 04:46	25°♒02'29	1.44417 AU	desc. node	-3927 Sep 04 j 22:36	20°♒18'01	
desc. node	-3928 Sep 18 j 01:39	29°♒34'48		evening rise	-3927 Sep 06 j 12:13	22°♒44'37	
	-3928 Sep 18 j 08:04	0°♑			-3927 Sep 11 j 05:22	0°♑	
evening rise	-3928 Sep 27 j 08:07	14°♑02'27			-3927 Oct 02 j 04:28	0°♑	
	-3928 Oct 07 j 17:50	0°♑		evening max el	-3927 Oct 06 j 08:24	4°♑45'23	21°07'01
greatest brilliancy	-3928 Oct 10 j 19:29	4°♑36'33	-0.7m	retrograde	-3927 Oct 14 j 20:17	9°♑47'09	
evening max el	-3928 Oct 23 j 08:24	21°♑18'44	20°00'42	evening set	-3927 Oct 18 j 20:56	8°♑15'32	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-3927 Oct 20 j 11:48	6° Ω 47'15		evening set	-3926 Oct 03 j 04:49	22° Π 00'22	
inferior conj	-3927 Oct 24 j 05:57	2° Ω 04'33	1°15'44	asc. node	-3926 Oct 07 j 08:54	17° Π 17'41	
minimum elong	-3927 Oct 24 j 04:16	2° Ω 10'19	1°15'03	inferior conj	-3926 Oct 08 j 12:19	15° Π 43'41	0°23'26
min. Earth dist.	-3927 Oct 24 j 16:09	1° Ω 29'39	0.67151 AU	minimum elong	-3926 Oct 08 j 11:46	15° Π 45'34	0°23'16
	-3927 Oct 25 j 18:41	30° \mathbb{R} Π		min. Earth dist.	-3926 Oct 08 j 12:01	15° Π 44'43	0.67414 AU
morning rise	-3927 Oct 29 j 11:26	25° Π 49'16		morning rise	-3926 Oct 13 j 18:37	9° Π 29'50	
direct	-3927 Nov 03 j 16:26	23° Π 35'16		direct	-3926 Oct 18 j 08:42	7° Π 37'34	
	-3927 Nov 14 j 09:56	0° Ω		morning max el	-3926 Oct 27 j 21:05	13° Π 17'09	22°22'51
morning max el	-3927 Nov 14 j 09:26	29° Π 58'45	23°48'55		-3926 Nov 10 j 04:09	0° Ω	
desc. node	-3927 Dec 01 j 22:28	22° Ω 27'19		desc. node	-3926 Nov 18 j 19:26	12° Ω 35'49	
	-3927 Dec 07 j 00:04	0° \mathbb{L}			-3926 Nov 29 j 23:11	0° \mathbb{L}	
morning set	-3927 Dec 19 j 19:11	20° \mathbb{L} 37'10		morning set	-3926 Nov 30 j 04:19	0° \mathbb{L} 20'47	
max. Earth dist.	-3927 Dec 23 j 19:28	27° \mathbb{L} 35'06	1.38752 AU	max. Earth dist.	-3926 Dec 05 j 17:29	9° \mathbb{L} 31'13	1.40815 AU
	-3927 Dec 25 j 04:03	0° \mathbb{A}					
superior conj	-3927 Dec 31 j 03:40	11° \mathbb{A} 00'24	-1°52'30	superior conj	-3926 Dec 13 j 11:38	23° \mathbb{L} 00'19	-1°54'09
minimum elong	-3927 Dec 31 j 05:15	11° \mathbb{A} 07'51	1°52'37	minimum elong	-3926 Dec 13 j 10:25	22° \mathbb{L} 54'52	1°54'15
evening rise	-3926 Jan 09 j 03:32	28° \mathbb{A} 24'13			-3926 Dec 17 j 08:08	0° \mathbb{A}	
	-3926 Jan 09 j 23:12	0° \mathbb{B}		evening rise	-3926 Dec 23 j 14:15	11° \mathbb{A} 39'19	
asc. node	-3926 Jan 16 j 10:49	12° \mathbb{B} 07'22			-3925 Jan 02 j 21:57	0° \mathbb{B}	
evening max el	-3926 Jan 25 j 14:51	24° \mathbb{B} 56'58	18°47'39	asc. node	-3925 Jan 03 j 07:52	0° \mathbb{B} 38'15	
retrograde	-3926 Feb 02 j 17:36	28° \mathbb{B} 51'56		evening max el	-3925 Jan 08 j 20:56	7° \mathbb{B} 42'24	18°17'49
evening set	-3926 Feb 05 j 04:22	28° \mathbb{B} 31'58		retrograde	-3925 Jan 16 j 01:10	11° \mathbb{B} 17'05	
inferior conj	-3926 Feb 12 j 22:26	24° \mathbb{B} 10'32	3°27'57	evening set	-3925 Jan 18 j 14:56	10° \mathbb{B} 50'33	
minimum elong	-3926 Feb 13 j 02:31	24° \mathbb{B} 02'58	3°27'05	inferior conj	-3925 Jan 25 j 17:31	6° \mathbb{B} 07'55	3°58'44
min. Earth dist.	-3926 Feb 16 j 05:15	21° \mathbb{B} 46'16	0.57784 AU	minimum elong	-3925 Jan 25 j 18:53	6° \mathbb{B} 04'57	3°58'30
morning rise	-3926 Feb 20 j 22:11	18° \mathbb{B} 59'45		min. Earth dist.	-3925 Jan 29 j 01:36	3° \mathbb{B} 17'12	0.59735 AU
direct	-3926 Feb 26 j 13:03	17° \mathbb{B} 42'56		morning rise	-3925 Feb 01 j 21:01	0° \mathbb{B} 35'01	
desc. node	-3926 Feb 27 j 21:43	17° \mathbb{B} 47'27			-3925 Feb 02 j 23:11	30° \mathbb{R} \mathbb{A}	
morning max el	-3926 Mar 12 j 19:05	25° \mathbb{B} 08'32	26°00'41	direct	-3925 Feb 08 j 10:15	28° \mathbb{A} 39'13	
	-3926 Mar 17 j 07:12	0° \approx			-3925 Feb 14 j 02:08	0° \mathbb{B}	
	-3926 Apr 05 j 07:12	0° \mathbb{H}		desc. node	-3925 Feb 14 j 18:49	0° \mathbb{B} 20'13	
morning set	-3926 Apr 09 j 23:46	9° \mathbb{H} 30'16		morning max el	-3925 Feb 22 j 15:31	6° \mathbb{B} 16'37	27°07'09
asc. node	-3926 Apr 14 j 10:19	19° \mathbb{H} 01'19			-3925 Mar 12 j 09:04	0° \approx	
				morning set	-3925 Mar 25 j 09:25	24° \approx 24'24	
superior conj	-3926 Apr 16 j 23:55	24° \mathbb{H} 37'40	0°26'31		-3925 Mar 28 j 01:00	0° \mathbb{H}	
minimum elong	-3926 Apr 16 j 22:47	24° \mathbb{H} 31'24	0°26'15	superior conj	-3925 Apr 01 j 11:41	9° \mathbb{H} 39'05	0°01'55
max. Earth dist.	-3926 Apr 17 j 13:18	25° \mathbb{H} 50'46	1.32724 AU	minimum elong	-3925 Apr 01 j 11:37	9° \mathbb{H} 38'39	0°01'50
	-3926 Apr 19 j 11:07	0° \mathbb{Y}		behind sun begin	-3925 Apr 01 j 06:38	9° \mathbb{H} 11'24	
evening rise	-3926 Apr 24 j 01:50	9° \mathbb{Y} 47'59		behind sun end	-3925 Apr 01 j 16:35	10° \mathbb{H} 05'54	
	-3926 May 04 j 16:08	0° \mathbb{B}		max. Earth dist.	-3925 Apr 01 j 02:53	8° \mathbb{H} 50'55	1.32561 AU
evening max el	-3926 May 24 j 20:30	27° \mathbb{B} 35'28	26°58'20	asc. node	-3925 Apr 01 j 07:18	9° \mathbb{H} 15'05	
desc. node	-3926 May 26 j 20:24	29° \mathbb{B} 23'49		evening rise	-3925 Apr 08 j 11:01	24° \mathbb{H} 42'44	
	-3926 May 27 j 13:46	0° \mathbb{I}			-3925 Apr 11 j 00:36	0° \mathbb{Y}	
retrograde	-3926 Jun 07 j 20:06	4° \mathbb{I} 56'08			-3925 Apr 28 j 19:20	0° \mathbb{B}	
evening set	-3926 Jun 14 j 15:51	2° \mathbb{I} 51'09		evening max el	-3925 May 06 j 19:22	9° \mathbb{B} 12'21	26°00'56
min. Earth dist.	-3926 Jun 18 j 10:01	0° \mathbb{I} 07'33	0.60962 AU	desc. node	-3925 May 13 j 17:30	14° \mathbb{B} 27'49	
	-3926 Jun 18 j 13:39	30° \mathbb{R} \mathbb{B}		retrograde	-3925 May 20 j 21:24	16° \mathbb{B} 28'35	
inferior conj	-3926 Jun 21 j 16:24	27° \mathbb{B} 18'24	-4°17'50	evening set	-3925 May 26 j 21:18	15° \mathbb{B} 00'44	
minimum elong	-3926 Jun 21 j 17:39	27° \mathbb{B} 15'41	4°17'38	min. Earth dist.	-3925 May 31 j 07:56	12° \mathbb{B} 17'42	0.58921 AU
morning rise	-3926 Jun 28 j 21:10	22° \mathbb{B} 29'33		inferior conj	-3925 Jun 03 j 16:27	9° \mathbb{B} 47'05	-4°13'47
direct	-3926 Jul 01 j 10:15	22° \mathbb{B} 03'26		minimum elong	-3925 Jun 03 j 14:26	9° \mathbb{B} 50'55	4°13'33
morning max el	-3926 Jul 08 j 11:51	25° \mathbb{B} 32'12	18°04'39	morning rise	-3925 Jun 11 j 10:09	5° \mathbb{B} 20'15	
asc. node	-3926 Jul 11 j 09:52	28° \mathbb{B} 50'16		direct	-3925 Jun 13 j 22:19	4° \mathbb{B} 59'05	
	-3926 Jul 12 j 06:51	0° \mathbb{I}		morning max el	-3925 Jun 21 j 20:08	8° \mathbb{B} 44'26	18°32'42
morning set	-3926 Jul 24 j 12:19	20° \mathbb{I} 49'39		asc. node	-3925 Jun 28 j 06:55	16° \mathbb{B} 56'56	
	-3926 Jul 29 j 11:36	0° \mathbb{E}			-3925 Jul 05 j 16:39	0° \mathbb{I}	
				morning set	-3925 Jul 08 j 01:33	4° \mathbb{I} 32'15	
superior conj	-3926 Aug 03 j 15:17	9° \mathbb{E} 16'54	1°41'10				
minimum elong	-3926 Aug 03 j 18:34	9° \mathbb{E} 31'23	1°41'07	superior conj	-3925 Jul 17 j 01:53	21° \mathbb{I} 45'12	1°48'55
max. Earth dist.	-3926 Aug 11 j 04:21	22° \mathbb{E} 15'33	1.41730 AU	minimum elong	-3925 Jul 17 j 02:29	21° \mathbb{I} 48'01	1°49'04
	-3926 Aug 15 j 21:24	0° \mathbb{Q}			-3925 Jul 21 j 14:12	0° \mathbb{E}	
evening rise	-3926 Aug 17 j 01:46	1° \mathbb{Q} 54'06		max. Earth dist.	-3925 Jul 24 j 07:54	4° \mathbb{E} 50'29	1.39831 AU
desc. node	-3926 Aug 22 j 19:35	10° \mathbb{Q} 55'53		evening rise	-3925 Jul 28 j 14:54	12° \mathbb{E} 11'22	
	-3926 Sep 04 j 16:43	0° \mathbb{P}			-3925 Aug 08 j 18:14	0° \mathbb{Q}	
evening max el	-3926 Sep 19 j 02:14	18° \mathbb{P} 10'45	22°23'07	desc. node	-3925 Aug 09 j 16:33	1° \mathbb{Q} 24'40	
retrograde	-3926 Sep 28 j 15:24	23° \mathbb{P} 50'59			-3925 Aug 31 j 01:50	0° \mathbb{P}	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-3925 Sep 01 j 15:14	1° \mathbb{M} 36'55	23°43'46	retrograde	-3924 Aug 25 j 19:44	21° Ω 56'17	
retrograde	-3925 Sep 12 j 07:32	7° \mathbb{M} 55'20		evening set	-3924 Aug 31 j 14:23	19° Ω 27'58	
evening set	-3925 Sep 17 j 11:14	5° \mathbb{M} 45'05		min. Earth dist.	-3924 Sep 05 j 02:26	14° Ω 20'25	0.67027 AU
	-3925 Sep 22 j 08:52	30° \mathbb{R} Ω		inferior conj	-3924 Sep 05 j 23:42	13° Ω 10'14	-1°23'13
inferior conj	-3925 Sep 22 j 18:48	29° Ω 26'06	-0°30'05	minimum elong	-3924 Sep 06 j 01:38	13° Ω 03'50	1°22'19
minimum elong	-3925 Sep 22 j 19:30	29° Ω 23'42	0°29'42	asc. node	-3924 Sep 10 j 03:10	8° Ω 16'37	
min. Earth dist.	-3925 Sep 22 j 08:16	0° \mathbb{M} 02'05	0.67375 AU	morning rise	-3924 Sep 11 j 12:57	7° Ω 07'56	
asc. node	-3925 Sep 24 j 06:02	27° Ω 27'41		direct	-3924 Sep 15 j 02:07	5° Ω 54'59	
morning rise	-3925 Sep 28 j 03:44	23° Ω 16'30		morning max el	-3924 Sep 22 j 15:13	10° Ω 16'52	19°53'43
direct	-3925 Oct 02 j 04:20	21° Ω 45'10			-3924 Oct 07 j 05:44	0° \mathbb{M}	
morning max el	-3925 Oct 10 j 14:33	26° Ω 42'41	21°02'40	morning set	-3924 Oct 18 j 09:58	17° \mathbb{M} 07'22	
	-3925 Oct 13 j 13:42	0° \mathbb{M}		desc. node	-3924 Oct 22 j 13:18	23° \mathbb{M} 33'48	
	-3925 Nov 03 j 17:32	0° Ω			-3924 Oct 26 j 15:45	0° Ω	
desc. node	-3925 Nov 05 j 16:22	2° Ω 59'34		max. Earth dist.	-3924 Oct 30 j 09:07	5° Ω 54'02	1.44021 AU
morning set	-3925 Nov 09 j 11:40	8° Ω 53'37					
max. Earth dist.	-3925 Nov 17 j 21:50	22° Ω 19'47	1.42654 AU	superior conj	-3924 Nov 04 j 01:09	13° Ω 23'50	-1°14'02
	-3925 Nov 22 j 13:21	0° \mathbb{M}		minimum elong	-3924 Nov 03 j 18:08	12° Ω 55'26	1°13'19
					-3924 Nov 14 j 02:13	0° \mathbb{M}	
superior conj	-3925 Nov 24 j 20:06	3° \mathbb{M} 50'37	-1°42'21	evening rise	-3924 Nov 17 j 13:50	5° \mathbb{M} 54'24	
minimum elong	-3925 Nov 24 j 15:08	3° \mathbb{M} 29'37	1°42'05		-3924 Dec 02 j 10:28	0° \mathbb{M}	
evening rise	-3925 Dec 06 j 11:12	24° \mathbb{M} 12'28		evening max el	-3924 Dec 05 j 20:28	4° \mathbb{M} 05'11	18°17'05
	-3925 Dec 09 j 16:54	0° \mathbb{M}		asc. node	-3924 Dec 07 j 02:04	5° \mathbb{M} 14'43	
asc. node	-3925 Dec 21 j 04:57	18° \mathbb{M} 25'01		retrograde	-3924 Dec 12 j 09:35	7° \mathbb{M} 37'56	
evening max el	-3925 Dec 23 j 07:44	20° \mathbb{M} 47'27	18°07'52	evening set	-3924 Dec 15 j 06:07	6° \mathbb{M} 55'01	
retrograde	-3925 Dec 29 j 23:59	24° \mathbb{M} 15'30		inferior conj	-3924 Dec 21 j 10:09	1° \mathbb{M} 31'26	3°43'17
evening set	-3924 Jan 01 j 16:43	23° \mathbb{M} 41'26		minimum elong	-3924 Dec 21 j 07:31	1° \mathbb{M} 38'41	3°42'43
inferior conj	-3924 Jan 08 j 06:41	18° \mathbb{M} 37'33	4°01'01		-3924 Dec 22 j 19:10	30° \mathbb{R} \mathbb{M}	
minimum elong	-3924 Jan 08 j 05:34	18° \mathbb{M} 40'19	4°00'48	min. Earth dist.	-3924 Dec 23 j 19:10	28° \mathbb{M} 54'43	0.63519 AU
min. Earth dist.	-3924 Jan 11 j 05:38	15° \mathbb{M} 43'55	0.61725 AU	morning rise	-3924 Dec 27 j 08:15	25° \mathbb{M} 32'48	
morning rise	-3924 Jan 14 j 17:16	12° \mathbb{M} 49'29		direct	-3923 Jan 03 j 09:00	22° \mathbb{M} 45'15	
direct	-3924 Jan 21 j 17:35	10° \mathbb{M} 20'46			-3923 Jan 16 j 13:30	0° \mathbb{M}	
desc. node	-3924 Feb 01 j 15:55	15° \mathbb{M} 16'30		morning max el	-3923 Jan 17 j 01:38	0° \mathbb{M} 29'36	27°36'23
morning max el	-3924 Feb 04 j 18:15	18° \mathbb{M} 04'31	27°39'55	desc. node	-3923 Jan 18 j 12:58	1° \mathbb{M} 59'45	
	-3924 Feb 14 j 19:33	0° \mathbb{M}			-3923 Feb 07 j 19:40	0° \mathbb{M}	
	-3924 Mar 04 j 01:14	0° \approx		morning set	-3923 Feb 20 j 13:48	23° \mathbb{M} 18'23	
morning set	-3924 Mar 08 j 14:54	9° \approx 03'13			-3923 Feb 23 j 20:50	0° \approx	
max. Earth dist.	-3924 Mar 14 j 14:24	21° \approx 40'27	1.32745 AU	max. Earth dist.	-3923 Feb 25 j 19:58	4° \approx 06'18	1.33315 AU
superior conj	-3924 Mar 15 j 22:29	24° \approx 34'26	-0°23'16	superior conj	-3923 Feb 28 j 06:35	9° \approx 17'50	-0°48'02
minimum elong	-3924 Mar 15 j 23:32	24° \approx 40'08	0°23'08	minimum elong	-3923 Feb 28 j 08:41	9° \approx 29'05	0°47'46
asc. node	-3924 Mar 18 j 04:19	29° \approx 27'33		asc. node	-3923 Mar 05 j 01:21	19° \approx 34'30	
	-3924 Mar 18 j 10:17	0° \mathbb{H}		evening rise	-3923 Mar 07 j 09:52	24° \approx 34'28	
evening rise	-3924 Mar 22 j 22:17	9° \mathbb{H} 40'18			-3923 Mar 10 j 00:53	0° \mathbb{H}	
	-3924 Apr 02 j 11:59	0° \mathbb{Y}			-3923 Mar 29 j 06:41	0° \mathbb{Y}	
evening max el	-3924 Apr 17 j 12:39	20° \mathbb{Y} 11'44	24°39'11	evening max el	-3923 Mar 30 j 04:51	0° \mathbb{Y} 54'38	23°05'39
desc. node	-3924 Apr 29 j 14:39	27° \mathbb{Y} 07'29		retrograde	-3923 Apr 12 j 13:47	7° \mathbb{Y} 29'57	
retrograde	-3924 May 01 j 12:05	27° \mathbb{Y} 15'48		evening set	-3923 Apr 15 j 23:54	7° \mathbb{Y} 04'21	
evening set	-3924 May 06 j 05:36	26° \mathbb{Y} 25'00		desc. node	-3923 Apr 16 j 11:48	6° \mathbb{Y} 56'34	
min. Earth dist.	-3924 May 12 j 00:43	23° \mathbb{Y} 26'46	0.57048 AU	min. Earth dist.	-3923 Apr 23 j 15:23	3° \mathbb{Y} 39'31	0.55701 AU
inferior conj	-3924 May 14 j 20:49	21° \mathbb{Y} 35'58	-3°36'28	inferior conj	-3923 Apr 25 j 05:51	2° \mathbb{Y} 43'20	-2°18'51
minimum elong	-3924 May 14 j 15:32	21° \mathbb{Y} 44'36	3°35'24	minimum elong	-3923 Apr 25 j 00:21	2° \mathbb{Y} 51'24	2°17'12
morning rise	-3924 May 23 j 04:39	17° \mathbb{Y} 28'09			-3923 Apr 30 j 08:19	30° \mathbb{R} \mathbb{H}	
direct	-3924 May 25 j 16:03	17° \mathbb{Y} 10'57		morning rise	-3923 May 04 j 03:10	28° \mathbb{H} 45'38	
morning max el	-3924 Jun 03 j 20:49	21° \mathbb{Y} 27'43	19°21'07	direct	-3923 May 06 j 15:44	28° \mathbb{H} 30'16	
	-3924 Jun 10 j 16:57	0° \mathbb{B}			-3923 May 12 j 13:33	0° \mathbb{Y}	
asc. node	-3924 Jun 14 j 03:57	5° \mathbb{B} 44'00		morning max el	-3923 May 17 j 11:23	3° \mathbb{Y} 32'43	20°29'44
morning set	-3924 Jun 21 j 00:10	18° \mathbb{B} 44'51		asc. node	-3923 Jun 01 j 00:58	25° \mathbb{Y} 01'33	
	-3924 Jun 26 j 15:23	0° \mathbb{H}			-3923 Jun 03 j 13:46	0° \mathbb{B}	
				morning set	-3923 Jun 05 j 05:18	3° \mathbb{B} 19'54	
superior conj	-3924 Jun 29 j 05:40	5° \mathbb{H} 06'35	1°46'34				
minimum elong	-3924 Jun 29 j 04:19	4° \mathbb{H} 59'59	1°46'41	superior conj	-3923 Jun 12 j 21:46	19° \mathbb{B} 06'55	1°36'45
max. Earth dist.	-3924 Jul 05 j 09:27	16° \mathbb{H} 47'47	1.37892 AU	minimum elong	-3923 Jun 12 j 19:21	18° \mathbb{B} 54'42	1°36'39
evening rise	-3924 Jul 09 j 06:02	23° \mathbb{H} 45'12		max. Earth dist.	-3923 Jun 17 j 15:47	28° \mathbb{B} 33'58	1.36144 AU
	-3924 Jul 12 j 20:35	0° \mathbb{B}			-3923 Jun 18 j 09:34	0° \mathbb{H}	
desc. node	-3924 Jul 26 j 13:34	21° \mathbb{B} 39'10		evening rise	-3923 Jun 21 j 19:05	6° \mathbb{H} 25'23	
	-3924 Aug 01 j 11:30	0° Ω			-3923 Jul 05 j 15:19	0° \mathbb{B}	
evening max el	-3924 Aug 14 j 02:05	15° Ω 06'27	25°02'10	desc. node	-3923 Jul 13 j 10:38	11° \mathbb{B} 32'40	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-3923 Jul 27 j 13:03	28° ☿ 38'07	26°10'13	evening max el	-3922 Jul 10 j 00:34	12° ☿ 05'02	26°59'52
	-3923 Jul 28 j 23:49	0° Ω		retrograde	-3922 Jul 23 j 05:21	19° ☿ 25'39	
retrograde	-3923 Aug 09 j 03:10	5° Ω 48'27		evening set	-3922 Jul 30 j 02:12	16° ☿ 37'41	
evening set	-3923 Aug 15 j 12:11	3° Ω 06'26		min. Earth dist.	-3922 Aug 02 j 22:42	12° ☿ 46'14	0.65307 AU
	-3923 Aug 18 j 12:28	30° ☿		inferior conj	-3922 Aug 04 j 21:01	10° ☿ 32'18	-3°01'03
min. Earth dist.	-3923 Aug 19 j 16:03	28° ☿ 36'39	0.66351 AU	minimum elong	-3922 Aug 05 j 00:43	10° ☿ 21'34	2°59'47
inferior conj	-3923 Aug 21 j 01:08	26° ☿ 53'20	-2°14'15	morning rise	-3922 Aug 10 j 23:38	4° ☿ 54'31	
minimum elong	-3923 Aug 21 j 04:09	26° ☿ 43'56	2°13'01	direct	-3922 Aug 13 j 20:56	4° ☿ 08'51	
morning rise	-3923 Aug 26 j 20:17	21° ☿ 01'36		asc. node	-3922 Aug 14 j 21:20	4° ☿ 14'30	
asc. node	-3923 Aug 28 j 00:17	20° ☿ 26'56		morning max el	-3922 Aug 20 j 10:50	7° ☿ 44'30	18°20'59
direct	-3923 Aug 30 j 00:22	20° ☿ 03'52			-3922 Sep 04 j 15:44	0° Ω	
morning max el	-3923 Sep 05 j 22:33	23° ☿ 58'18	18°59'11	morning set	-3922 Sep 08 j 13:44	6° Ω 26'36	
	-3923 Sep 10 j 21:34	0° Ω					
morning set	-3923 Sep 27 j 22:32	26° Ω 07'30		superior conj	-3922 Sep 23 j 07:12	0° ☿ 13'56	0°18'59
	-3923 Sep 30 j 09:23	0° ☿		minimum elong	-3922 Sep 23 j 09:36	0° ☿ 23'27	0°18'46
desc. node	-3923 Oct 09 j 10:13	14° ☿ 14'20			-3922 Sep 23 j 03:42	0° ☿	
max. Earth dist.	-3923 Oct 13 j 01:33	19° ☿ 58'21	1.44750 AU	max. Earth dist.	-3922 Sep 25 j 20:06	4° ☿ 14'48	1.44752 AU
				desc. node	-3922 Sep 26 j 07:11	4° ☿ 58'32	
superior conj	-3923 Oct 14 j 06:53	21° ☿ 54'03	-0°30'31	evening rise	-3922 Oct 09 j 20:28	26° ☿ 14'00	
minimum elong	-3923 Oct 14 j 02:58	21° ☿ 38'34	0°29'59		-3922 Oct 12 j 06:16	0° ☿	
	-3923 Oct 19 j 09:36	0° ☿		greatest brilliancy	-3922 Oct 20 j 19:59	13° ☿ 18'39	-0.7m
evening rise	-3923 Oct 29 j 17:32	16° ☿ 35'31			-3922 Nov 01 j 20:19	0° ☿	
	-3923 Nov 07 j 00:01	0° ☿		evening max el	-3922 Nov 02 j 16:54	0° ☿ 55'09	19°28'24
evening max el	-3923 Nov 19 j 08:20	17° ☿ 28'55	18°44'23	retrograde	-3922 Nov 09 j 22:12	5° ☿ 05'50	
asc. node	-3923 Nov 23 j 23:11	20° ☿ 51'29		asc. node	-3922 Nov 10 j 20:16	5° ☿ 00'57	
retrograde	-3923 Nov 26 j 02:03	21° ☿ 16'14		evening set	-3922 Nov 13 j 07:09	3° ☿ 59'24	
evening set	-3923 Nov 29 j 03:51	20° ☿ 22'40			-3922 Nov 17 j 09:03	30° ☿	
inferior conj	-3923 Dec 05 j 00:09	14° ☿ 41'38	3°11'55	inferior conj	-3922 Nov 18 j 21:43	28° ☿ 03'55	2°31'21
minimum elong	-3923 Dec 04 j 21:00	14° ☿ 51'09	3°11'02	minimum elong	-3922 Nov 18 j 18:46	28° ☿ 13'26	2°30'20
min. Earth dist.	-3923 Dec 06 j 18:23	12° ☿ 34'23	0.64990 AU	min. Earth dist.	-3922 Nov 20 j 02:16	26° ☿ 31'46	0.66099 AU
morning rise	-3923 Dec 10 j 13:48	8° ☿ 35'18		morning rise	-3922 Nov 24 j 06:10	21° ☿ 52'04	
direct	-3923 Dec 17 j 06:56	5° ☿ 44'16		direct	-3922 Nov 30 j 10:40	19° ☿ 09'52	
morning max el	-3923 Dec 30 j 11:01	13° ☿ 21'00	26°59'54	morning max el	-3922 Dec 12 j 20:27	26° ☿ 28'04	25°57'27
desc. node	-3922 Jan 05 j 09:59	19° ☿ 58'28			-3922 Dec 16 j 03:44	0° ☿	
	-3922 Jan 12 j 23:56	0° ☿		desc. node	-3922 Dec 23 j 06:59	8° ☿ 50'39	
	-3922 Jan 31 j 09:55	0° ☿			-3921 Jan 06 j 14:09	0° ☿	
morning set	-3922 Feb 04 j 02:53	6° ☿ 58'56		morning set	-3921 Jan 18 j 01:55	19° ☿ 52'11	
max. Earth dist.	-3922 Feb 08 j 15:59	15° ☿ 58'31	1.34305 AU	max. Earth dist.	-3921 Jan 22 j 00:31	27° ☿ 18'34	1.35742 AU
					-3921 Jan 23 j 09:46	0° ☿	
superior conj	-3922 Feb 12 j 09:55	23° ☿ 41'55	-1°11'20	superior conj	-3921 Jan 27 j 06:00	7° ☿ 38'59	-1°31'39
minimum elong	-3922 Feb 12 j 12:49	23° ☿ 57'02	1°11'01	minimum elong	-3921 Jan 27 j 09:09	7° ☿ 54'57	1°31'27
	-3922 Feb 15 j 09:47	0° ☿		evening rise	-3921 Feb 04 j 02:38	23° ☿ 46'17	
evening rise	-3922 Feb 19 j 19:57	9° ☿ 18'34		asc. node	-3921 Feb 06 j 19:24	29° ☿ 12'35	
asc. node	-3922 Feb 19 j 22:23	9° ☿ 31'13			-3921 Feb 07 j 05:00	0° ☿	
	-3922 Mar 02 j 20:49	0° ☿		evening max el	-3921 Feb 22 j 08:30	23° ☿ 09'45	20°15'06
evening max el	-3922 Mar 12 j 02:00	11° ☿ 47'28	21°34'10	retrograde	-3921 Mar 04 j 19:53	28° ☿ 08'22	
retrograde	-3922 Mar 24 j 04:51	17° ☿ 37'23		evening set	-3921 Mar 07 j 03:11	27° ☿ 54'57	
evening set	-3922 Mar 26 j 18:40	17° ☿ 22'24		inferior conj	-3921 Mar 15 j 23:59	23° ☿ 55'51	1°25'29
desc. node	-3922 Apr 03 j 08:55	14° ☿ 18'54		minimum elong	-3921 Mar 16 j 03:33	23° ☿ 50'31	1°24'13
inferior conj	-3922 Apr 05 j 02:28	13° ☿ 21'02	-0°28'50	min. Earth dist.	-3921 Mar 17 j 19:15	22° ☿ 51'29	0.55557 AU
minimum elong	-3922 Apr 05 j 01:07	13° ☿ 22'56	0°28'25	desc. node	-3921 Mar 21 j 06:03	20° ☿ 58'52	
min. Earth dist.	-3922 Apr 05 j 05:17	13° ☿ 17'05	0.55163 AU	morning rise	-3921 Mar 25 j 02:12	19° ☿ 31'11	
morning rise	-3922 Apr 14 j 07:55	9° ☿ 18'35		direct	-3921 Mar 28 j 18:58	19° ☿ 01'18	
direct	-3922 Apr 17 j 04:42	9° ☿ 00'29		morning max el	-3921 Apr 11 j 09:43	25° ☿ 44'04	23°33'55
morning max el	-3922 Apr 29 j 14:58	14° ☿ 55'41	21°56'11		-3921 Apr 15 j 09:37	0° ☿	
	-3922 May 11 j 01:26	0° ☿			-3921 May 03 j 13:34	0° ☿	
asc. node	-3922 May 18 j 21:59	14° ☿ 41'52		morning set	-3921 May 05 j 02:19	3° ☿ 10'36	
morning set	-3922 May 20 j 14:41	18° ☿ 10'47		asc. node	-3921 May 05 j 18:58	4° ☿ 38'03	
	-3922 May 26 j 05:30	0° ☿					
superior conj	-3922 May 27 j 22:26	3° ☿ 35'15	1°21'27	superior conj	-3921 May 12 j 04:49	18° ☿ 21'59	1°02'12
minimum elong	-3922 May 27 j 19:45	3° ☿ 21'10	1°21'10	minimum elong	-3921 May 12 j 02:26	18° ☿ 09'11	1°01'49
max. Earth dist.	-3922 May 31 j 07:25	10° ☿ 34'11	1.34717 AU	max. Earth dist.	-3921 May 14 j 08:42	22° ☿ 58'25	1.33657 AU
evening rise	-3922 Jun 05 j 00:38	19° ☿ 56'44			-3921 May 17 j 17:37	0° ☿	
	-3922 Jun 10 j 10:02	0° ☿		evening rise	-3921 May 19 j 18:00	4° ☿ 04'44	
	-3922 Jun 29 j 14:38	0° ☿			-3921 Jun 03 j 03:46	0° ☿	
desc. node	-3922 Jun 30 j 07:41	0° ☿ 56'03		desc. node	-3921 Jun 17 j 04:47	19° ☿ 35'45	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-3921 Jun 22 j 11:15	25° Π 14'35	27°23'55		-3920 May 27 j 16:06	0° Π	
	-3921 Jun 28 j 08:27	0° Θ		desc. node	-3920 Jun 03 j 01:51	7° Π 13'19	
retrograde	-3921 Jul 06 j 01:55	2° Θ 38'38		evening max el	-3920 Jun 03 j 18:58	7° Π 54'57	27°17'06
evening set	-3921 Jul 13 j 05:21	29° Π 56'09		retrograde	-3920 Jun 17 j 16:17	15° Π 18'16	
	-3921 Jul 13 j 03:18	30° κ Π		evening set	-3920 Jun 24 j 17:53	12° Π 55'32	
min. Earth dist.	-3921 Jul 16 j 20:24	26° Π 39'27	0.63878 AU	min. Earth dist.	-3920 Jun 28 j 08:20	10° Π 03'57	0.62099 AU
inferior conj	-3921 Jul 19 j 08:48	24° Π 01'06	-3°40'47	inferior conj	-3920 Jul 01 j 09:29	7° Π 13'24	-4°09'08
minimum elong	-3921 Jul 19 j 12:29	23° Π 51'24	3°39'50	minimum elong	-3920 Jul 01 j 12:03	7° Π 07'25	4°08'42
morning rise	-3921 Jul 25 j 20:25	18° Π 40'28		morning rise	-3920 Jul 08 j 07:36	2° Π 12'30	
direct	-3921 Jul 28 j 13:02	18° Π 04'08		direct	-3920 Jul 10 j 21:25	1° Π 43'16	
asc. node	-3921 Aug 01 j 18:23	19° Π 33'05		morning max el	-3920 Jul 17 j 15:59	5° Π 08'07	17°57'28
morning max el	-3921 Aug 04 j 01:32	21° Π 29'47	18°00'07	asc. node	-3920 Jul 18 j 15:26	6° Π 08'52	
	-3921 Aug 10 j 13:27	0° Θ		morning set	-3920 Aug 02 j 21:27	0° Θ 33'44	
morning set	-3921 Aug 21 j 07:04	18° Θ 00'02			-3920 Aug 02 j 13:59	0° Θ	
	-3921 Aug 28 j 07:53	0° Ω					
				superior conj	-3920 Aug 13 j 20:11	19° Θ 57'21	1°30'59
superior conj	-3921 Sep 03 j 00:08	9° Ω 25'21	1°01'52	minimum elong	-3920 Aug 14 j 00:56	20° Θ 17'46	1°30'44
minimum elong	-3921 Sep 03 j 05:51	9° Ω 48'43	1°01'20		-3920 Aug 19 j 19:20	0° Ω	
max. Earth dist.	-3921 Sep 08 j 12:47	18° Ω 21'42	1.44033 AU	max. Earth dist.	-3920 Aug 21 j 00:34	2° Ω 00'14	1.42701 AU
desc. node	-3921 Sep 13 j 04:08	25° Ω 42'51		evening rise	-3920 Aug 28 j 09:55	13° Ω 50'54	
	-3921 Sep 15 j 21:51	0° \P		desc. node	-3920 Aug 30 j 01:05	16° Ω 24'01	
evening rise	-3921 Sep 19 j 04:19	5° \P 04'24			-3920 Sep 07 j 23:24	0° \P	
	-3921 Oct 05 j 17:33	0° $\underline{\Omega}$		evening max el	-3920 Sep 28 j 17:27	27° \P 46'45	21°38'30
evening max el	-3921 Oct 16 j 20:16	14° $\underline{\Omega}$ 21'24	20°27'24		-3920 Oct 01 j 02:24	0° $\underline{\Omega}$	
retrograde	-3921 Oct 24 j 19:32	19° $\underline{\Omega}$ 03'12		retrograde	-3920 Oct 07 j 15:57	3° $\underline{\Omega}$ 05'14	
evening set	-3921 Oct 28 j 13:46	17° $\underline{\Omega}$ 41'29		evening set	-3920 Oct 11 j 21:42	1° $\underline{\Omega}$ 25'52	
asc. node	-3921 Oct 28 j 17:20	17° $\underline{\Omega}$ 34'52			-3920 Oct 13 j 10:48	30° κ \P	
inferior conj	-3921 Nov 03 j 00:20	11° $\underline{\Omega}$ 34'58	1°44'36	asc. node	-3920 Oct 14 j 14:26	28° \P 41'28	
minimum elong	-3921 Nov 02 j 22:05	11° $\underline{\Omega}$ 42'32	1°43'43	inferior conj	-3920 Oct 17 j 05:53	25° \P 11'54	0°53'49
min. Earth dist.	-3921 Nov 03 j 16:49	10° $\underline{\Omega}$ 39'19	0.66856 AU	minimum elong	-3920 Oct 17 j 04:39	25° \P 16'07	0°53'19
morning rise	-3921 Nov 08 j 06:13	5° $\underline{\Omega}$ 20'01		min. Earth dist.	-3920 Oct 17 j 11:34	24° \P 52'17	0.67294 AU
direct	-3921 Nov 13 j 19:52	2° $\underline{\Omega}$ 54'32		morning rise	-3920 Oct 22 j 11:26	18° \P 56'36	
morning max el	-3921 Nov 25 j 05:17	9° $\underline{\Omega}$ 41'44	24°38'13	direct	-3920 Oct 27 j 09:54	16° \P 51'45	
desc. node	-3921 Dec 10 j 03:59	28° $\underline{\Omega}$ 20'55		morning max el	-3920 Nov 06 j 14:52	22° \P 57'31	23°11'56
	-3921 Dec 11 j 07:45	0° \P			-3920 Nov 12 j 18:34	0° $\underline{\Omega}$	
	-3921 Dec 30 j 05:49	0° \P		desc. node	-3920 Nov 26 j 00:57	18° $\underline{\Omega}$ 17'45	
morning set	-3921 Dec 31 j 05:25	1° \P 43'09			-3920 Dec 03 j 17:17	0° \P	
max. Earth dist.	-3920 Jan 03 j 23:17	8° \P 25'18	1.37572 AU	morning set	-3920 Dec 11 j 07:10	12° \P 15'22	
				max. Earth dist.	-3920 Dec 15 j 18:47	19° \P 52'17	1.39631 AU
					-3920 Dec 21 j 11:49	0° \P	
superior conj	-3920 Jan 10 j 15:37	21° \P 00'09	-1°46'59				
minimum elong	-3920 Jan 10 j 18:08	21° \P 12'23	1°46'59	superior conj	-3920 Dec 23 j 10:26	3° \P 33'28	-1°54'37
	-3920 Jan 15 j 05:16	0° \P		minimum elong	-3920 Dec 23 j 11:01	3° \P 36'07	1°54'45
evening rise	-3920 Jan 19 j 03:47	7° \P 51'31		evening rise	-3919 Jan 01 j 20:40	21° \P 26'38	
asc. node	-3920 Jan 24 j 16:26	18° \P 32'49			-3919 Jan 06 j 09:01	0° \P	
	-3920 Jan 31 j 16:16	0° \approx		asc. node	-3919 Jan 10 j 13:28	7° \P 24'07	
evening max el	-3920 Feb 05 j 01:37	5° \approx 08'31	19°13'57	evening max el	-3919 Jan 18 j 03:47	17° \P 39'10	18°32'34
retrograde	-3920 Feb 13 j 22:50	9° \approx 22'48		retrograde	-3919 Jan 25 j 19:38	21° \P 23'31	
evening set	-3920 Feb 16 j 07:28	9° \approx 06'10		evening set	-3919 Jan 28 j 07:40	21° \P 00'59	
inferior conj	-3920 Feb 24 j 11:27	4° \approx 55'28	2°53'59	inferior conj	-3919 Feb 04 j 18:51	16° \P 31'08	3°45'03
minimum elong	-3920 Feb 24 j 16:25	4° \approx 47'04	2°52'40	minimum elong	-3919 Feb 04 j 21:52	16° \P 25'11	3°44'31
min. Earth dist.	-3920 Feb 27 j 10:23	2° \approx 56'04	0.56788 AU	min. Earth dist.	-3919 Feb 08 j 04:07	13° \P 52'23	0.58587 AU
morning rise	-3920 Mar 03 j 22:39	0° \approx 00'14		morning rise	-3919 Feb 12 j 09:46	11° \P 09'50	
	-3920 Mar 03 j 22:53	30° κ \P		direct	-3919 Feb 18 j 11:30	9° \P 36'02	
desc. node	-3920 Mar 07 j 03:10	29° \P 11'14		desc. node	-3919 Feb 22 j 00:16	10° \P 07'05	
direct	-3920 Mar 08 j 20:32	29° \P 04'13		morning max el	-3919 Mar 04 j 17:50	17° \P 08'22	26°32'33
	-3920 Mar 13 j 18:07	0° \approx			-3919 Mar 15 j 08:43	0° \approx	
morning max el	-3920 Mar 23 j 00:46	6° \approx 19'36	25°11'01		-3919 Apr 01 j 12:32	0° \P	
	-3920 Apr 09 j 05:29	0° \P		morning set	-3919 Apr 03 j 01:36	3° \P 11'50	
morning set	-3920 Apr 18 j 14:32	18° \P 13'20		asc. node	-3919 Apr 08 j 12:59	14° \P 57'10	
asc. node	-3920 Apr 21 j 15:58	24° \P 44'58					
	-3920 Apr 24 j 02:01	0° \P		superior conj	-3919 Apr 10 j 02:19	18° \P 21'22	0°16'12
superior conj	-3920 Apr 25 j 14:44	3° \P 19'51	0°40'08	minimum elong	-3919 Apr 10 j 01:36	18° \P 17'28	0°16'01
minimum elong	-3920 Apr 25 j 13:03	3° \P 10'42	0°39'48	max. Earth dist.	-3919 Apr 10 j 06:05	18° \P 42'00	1.32609 AU
max. Earth dist.	-3920 Apr 26 j 17:23	5° \P 44'28	1.32961 AU		-3919 Apr 15 j 11:18	0° \P	
evening rise	-3920 May 02 j 19:38	18° \P 38'19		evening rise	-3919 Apr 17 j 02:42	3° \P 27'19	
	-3920 May 08 j 14:21	0° \P			-3919 May 01 j 11:17	0° \P	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-3919 May 16 j 21:37	19° 8 56'32	26°37'34	behind sun end	-3918 Mar 25 j 18:28	3° ⌘ 45'43	
desc. node	-3919 May 20 j 22:57	23° 8 22'42		asc. node	-3918 Mar 26 j 09:59	5° ⌘ 10'33	
retrograde	-3919 May 30 j 23:04	27° 8 16'07		evening rise	-3918 Apr 01 j 13:00	18° ⌘ 23'52	
evening set	-3919 Jun 06 j 11:37	25° 8 26'26			-3918 Apr 07 j 07:16	0° ⸮	
min. Earth dist.	-3919 Jun 10 j 11:01	22° 8 44'53	0.60089 AU		-3918 Apr 27 j 11:17	0° 8	
inferior conj	-3919 Jun 13 j 19:36	20° 8 00'51	-4°19'34	evening max el	-3918 Apr 28 j 18:02	1° 8 16'14	25°28'32
minimum elong	-3919 Jun 13 j 19:35	20° 8 00'53	4°19'26	desc. node	-3918 May 07 j 20:06	7° 8 29'33	
morning rise	-3919 Jun 21 j 05:40	15° 8 21'17		retrograde	-3918 May 12 j 19:49	8° 8 27'54	
direct	-3919 Jun 23 j 18:10	14° 8 57'29		evening set	-3918 May 18 j 07:38	7° 8 16'52	
morning max el	-3919 Jul 01 j 03:19	18° 8 32'09	18°14'04	min. Earth dist.	-3918 May 23 j 06:24	4° 8 28'57	0.58081 AU
asc. node	-3919 Jul 05 j 12:31	23° 8 46'28		inferior conj	-3918 May 26 j 11:30	2° 8 13'19	-4°02'41
	-3919 Jul 09 j 12:09	0° ⌘		minimum elong	-3918 May 26 j 07:56	2° 8 19'38	4°02'09
morning set	-3919 Jul 17 j 03:42	13° ⌘ 54'46			-3918 May 29 j 19:08	30° ⸮ ⸮	
	-3919 Jul 25 j 18:37	0° 8		morning rise	-3918 Jun 03 j 11:03	27° ⸮ 54'50	
				direct	-3918 Jun 05 j 22:56	27° ⸮ 35'24	
superior conj	-3919 Jul 26 j 18:15	1° 8 47'18	1°45'51		-3918 Jun 12 j 12:31	0° 8	
minimum elong	-3919 Jul 26 j 20:21	1° 8 56'47	1°45'57	morning max el	-3918 Jun 14 j 08:35	1° 8 32'25	18°50'48
max. Earth dist.	-3919 Aug 03 j 06:53	14° 8 59'59	1.40945 AU	asc. node	-3918 Jun 22 j 09:35	12° 8 11'31	
evening rise	-3919 Aug 08 j 08:35	23° 8 26'53		morning set	-3918 Jun 30 j 21:22	27° 8 51'20	
	-3919 Aug 12 j 10:26	0° 8			-3918 Jul 01 j 23:39	0° ⌘	
desc. node	-3919 Aug 16 j 22:04	6° 8 58'45					
	-3919 Sep 01 j 22:47	0° ⸮		superior conj	-3918 Jul 09 j 12:48	14° ⌘ 39'47	1°48'59
evening max el	-3919 Sep 11 j 09:06	11° ⸮ 12'55	22°57'20	minimum elong	-3918 Jul 09 j 12:28	14° ⌘ 38'11	1°49'09
retrograde	-3919 Sep 21 j 09:56	17° ⸮ 09'44		max. Earth dist.	-3918 Jul 16 j 09:23	27° ⌘ 18'42	1.38998 AU
evening set	-3919 Sep 26 j 05:10	15° ⸮ 11'02			-3918 Jul 17 j 21:48	0° 8	
asc. node	-3919 Oct 01 j 11:34	8° ⸮ 56'26		evening rise	-3918 Jul 20 j 09:03	4° 8 17'19	
inferior conj	-3919 Oct 01 j 12:32	8° ⸮ 53'06	0°00'50	desc. node	-3918 Aug 03 j 19:04	27° 8 22'17	
minimum elong	-3919 Oct 01 j 12:30	8° ⸮ 53'10	0°00'52		-3918 Aug 05 j 13:43	0° 8	
transit middle	-3919 Oct 01 j 12:30	8° ⸮ 53'10	0°00'52	evening max el	-3918 Aug 24 j 21:02	24° 8 41'03	24°17'54
transit begin	-3919 Oct 01 j 09:49	9° ⸮ 02'28			-3918 Aug 31 j 15:20	0° ⸮	
transit end	-3919 Oct 01 j 15:12	8° ⸮ 43'53		retrograde	-3918 Sep 05 j 00:18	1° ⸮ 13'10	
min. Earth dist.	-3919 Oct 01 j 07:59	9° ⸮ 08'47	0.67433 AU		-3918 Sep 08 j 23:39	30° ⸮ ⸮	
morning rise	-3919 Oct 06 j 19:43	2° ⸮ 40'31		evening set	-3918 Sep 10 j 10:25	28° 8 54'57	
direct	-3919 Oct 11 j 03:55	0° ⸮ 57'07		min. Earth dist.	-3918 Sep 15 j 03:34	23° 8 26'51	0.67273 AU
morning max el	-3919 Oct 20 j 04:33	6° ⸮ 18'16	21°47'34	inferior conj	-3918 Sep 15 j 18:33	22° 8 36'23	-0°52'45
	-3919 Nov 07 j 04:37	0° 8		minimum elong	-3918 Sep 15 j 19:47	22° 8 32'13	0°52'08
desc. node	-3919 Nov 12 j 21:54	8° 8 33'35		asc. node	-3918 Sep 18 j 08:42	19° 8 16'05	
morning set	-3919 Nov 21 j 04:13	21° 8 24'58		morning rise	-3918 Sep 21 j 05:07	16° 8 29'36	
	-3919 Nov 26 j 11:31	0° ⸮		direct	-3918 Sep 25 j 00:41	15° 8 06'17	
max. Earth dist.	-3919 Nov 27 j 18:57	2° ⸮ 09'51	1.41645 AU	morning max el	-3918 Oct 03 j 00:59	19° 8 47'08	20°31'42
					-3918 Oct 11 j 07:08	0° ⸮	
superior conj	-3919 Dec 05 j 09:09	15° ⸮ 05'52	-1°51'01	desc. node	-3918 Oct 30 j 18:50	29° ⸮ 02'13	
minimum elong	-3919 Dec 05 j 06:22	14° ⸮ 53'43	1°51'01	morning set	-3918 Oct 31 j 04:50	29° ⸮ 40'57	
	-3919 Dec 13 j 16:24	0° 8			-3918 Oct 31 j 09:44	0° 8	
evening rise	-3919 Dec 16 j 02:02	4° 8 24'46		max. Earth dist.	-3918 Nov 10 j 02:50	15° 8 21'07	1.43315 AU
asc. node	-3919 Dec 28 j 10:32	25° 8 37'35					
	-3919 Dec 31 j 22:53	0° 8		superior conj	-3918 Nov 16 j 06:07	25° 8 23'21	-1°32'25
evening max el	-3918 Jan 01 j 12:19	0° 8 34'15	18°11'12	minimum elong	-3918 Nov 15 j 23:51	24° 8 57'18	1°31'57
retrograde	-3918 Jan 08 j 10:02	4° 8 04'06			-3918 Nov 19 j 00:17	0° ⸮	
evening set	-3918 Jan 11 j 01:09	3° 8 34'22		evening rise	-3918 Nov 28 j 15:42	16° ⸮ 37'01	
	-3918 Jan 16 j 11:26	30° ⸮ ⸮			-3918 Dec 06 j 08:39	0° 8	
inferior conj	-3918 Jan 17 j 22:02	28° 8 42'40	4°02'37	asc. node	-3918 Dec 15 j 07:37	13° 8 01'38	
minimum elong	-3918 Jan 17 j 22:15	28° 8 42'10	4°02'26	evening max el	-3918 Dec 16 j 00:16	13° 8 45'17	18°09'28
min. Earth dist.	-3918 Jan 21 j 03:14	25° 8 47'59	0.60604 AU	retrograde	-3918 Dec 22 j 14:02	17° 8 13'58	
morning rise	-3918 Jan 24 j 17:51	23° 8 02'55		evening set	-3918 Dec 25 j 08:20	16° 8 36'10	
direct	-3918 Jan 31 j 13:29	20° 8 51'35		inferior conj	-3918 Dec 31 j 17:44	11° 8 23'20	3°55'30
desc. node	-3918 Feb 08 j 21:23	23° 8 44'57		minimum elong	-3918 Dec 31 j 15:50	11° 8 28'15	3°55'08
morning max el	-3918 Feb 14 j 16:43	28° 8 31'40	27°25'25	min. Earth dist.	-3917 Jan 03 j 10:55	8° 8 35'17	0.62526 AU
	-3918 Feb 16 j 03:40	0° 8		morning rise	-3917 Jan 06 j 22:30	5° 8 30'29	
	-3918 Mar 09 j 01:42	0° 8		direct	-3917 Jan 14 j 00:08	2° 8 52'13	
morning set	-3918 Mar 18 j 09:42	17° 8 59'41		desc. node	-3917 Jan 26 j 18:28	9° 8 30'59	
	-3918 Mar 24 j 01:05	0° ⌘		morning max el	-3917 Jan 27 j 21:42	10° 8 36'08	27°42'51
max. Earth dist.	-3918 Mar 24 j 19:12	1° ⌘ 38'38	1.32599 AU		-3917 Feb 12 j 04:11	0° 8	
					-3917 Mar 01 j 06:56	0° 8	
superior conj	-3918 Mar 25 j 13:52	3° ⌘ 20'30	-0°08'46	morning set	-3917 Mar 02 j 12:45	2° 8 29'43	
minimum elong	-3918 Mar 25 j 14:15	3° ⌘ 22'40	0°08'46	max. Earth dist.	-3917 Mar 08 j 04:53	14° 8 20'53	1.32942 AU
behind sun begin	-3918 Mar 25 j 10:02	2° ⌘ 59'37					

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-3917 Mar 09 j 23:44	18° \approx 11'39	-0°33'53		-3916 Feb 20 j 22:19	0° \approx	
minimum elong	-3917 Mar 10 j 01:15	18° \approx 19'51	0°33'41				
asc. node	-3917 Mar 13 j 07:00	25° \approx 21'16		superior conj	-3916 Feb 22 j 06:02	2° \approx 47'34	-0°58'11
	-3917 Mar 15 j 10:45	0° \mathbb{X}		minimum elong	-3916 Feb 22 j 08:31	3° \approx 00'45	0°57'53
evening rise	-3917 Mar 17 j 00:39	3° \mathbb{X} 21'15		asc. node	-3916 Feb 28 j 03:59	15° \approx 24'24	
	-3917 Mar 31 j 14:23	0° \mathbb{Y}		evening rise	-3916 Feb 29 j 11:48	18° \approx 11'57	
evening max el	-3917 Apr 10 j 10:09	12° \mathbb{Y} 05'36	23°59'57		-3916 Mar 06 j 09:06	0° \mathbb{X}	
retrograde	-3917 Apr 24 j 04:45	18° \mathbb{Y} 59'32		evening max el	-3916 Mar 22 j 03:31	22° \mathbb{X} 48'58	22°25'43
desc. node	-3917 Apr 24 j 17:15	18° \mathbb{Y} 58'55		retrograde	-3916 Apr 04 j 01:41	29° \mathbb{X} 07'28	
evening set	-3917 Apr 28 j 08:37	18° \mathbb{Y} 21'06		evening set	-3916 Apr 07 j 01:16	28° \mathbb{X} 47'53	
min. Earth dist.	-3917 May 04 j 21:41	15° \mathbb{Y} 13'11	0.56391 AU	desc. node	-3916 Apr 10 j 14:24	27° \mathbb{X} 38'31	
inferior conj	-3917 May 07 j 07:18	13° \mathbb{Y} 44'22	-3°08'32	min. Earth dist.	-3916 Apr 15 j 11:48	25° \mathbb{X} 07'43	0.55356 AU
minimum elong	-3917 May 07 j 01:23	13° \mathbb{Y} 53'33	3°07'03	inferior conj	-3916 Apr 16 j 09:44	24° \mathbb{X} 36'30	-1°34'50
morning rise	-3917 May 15 j 21:10	9° \mathbb{Y} 42'37		minimum elong	-3916 Apr 16 j 05:33	24° \mathbb{X} 42'28	1°33'30
direct	-3917 May 18 j 08:52	9° \mathbb{Y} 26'27		morning rise	-3916 Apr 25 j 11:36	20° \mathbb{X} 39'18	
morning max el	-3917 May 28 j 05:11	14° \mathbb{Y} 00'34	19°48'00	direct	-3916 Apr 28 j 02:12	20° \mathbb{X} 23'42	
	-3917 Jun 08 j 14:35	0° \mathbb{Z}		morning max el	-3916 May 09 j 15:11	25° \mathbb{X} 48'14	21°04'41
asc. node	-3917 Jun 09 j 06:38	1° \mathbb{Z} 12'59			-3916 May 13 j 12:25	0° \mathbb{Y}	
morning set	-3917 Jun 14 j 23:06	12° \mathbb{Z} 15'02		asc. node	-3916 May 26 j 03:37	20° \mathbb{Y} 40'58	
				morning set	-3916 May 29 j 06:15	26° \mathbb{Y} 57'26	
superior conj	-3917 Jun 22 j 22:24	28° \mathbb{Z} 19'54	1°43'12		-3916 May 30 j 17:36	0° \mathbb{Z}	
minimum elong	-3917 Jun 22 j 20:30	28° \mathbb{Z} 10'27	1°43'14				
	-3917 Jun 23 j 18:38	0° \mathbb{I}		superior conj	-3916 Jun 05 j 18:33	12° \mathbb{Z} 33'33	1°30'51
max. Earth dist.	-3917 Jun 28 j 12:33	9° \mathbb{I} 09'35	1.37113 AU	minimum elong	-3916 Jun 05 j 15:56	12° \mathbb{Z} 20'07	1°30'39
evening rise	-3917 Jul 02 j 10:11	16° \mathbb{I} 21'18		max. Earth dist.	-3916 Jun 09 j 22:10	20° \mathbb{Z} 57'48	1.35487 AU
	-3917 Jul 10 j 08:02	0° \mathbb{E}		evening rise	-3916 Jun 14 j 06:50	29° \mathbb{Z} 24'49	
desc. node	-3917 Jul 21 j 16:06	17° \mathbb{E} 29'13			-3916 Jun 14 j 14:18	0° \mathbb{I}	
	-3917 Jul 30 j 23:54	0° \mathbb{O}			-3916 Jul 02 j 11:43	0° \mathbb{E}	
evening max el	-3917 Aug 07 j 07:41	8° \mathbb{O} 12'01	25°32'44	desc. node	-3916 Jul 07 j 13:11	7° \mathbb{E} 11'23	
retrograde	-3917 Aug 19 j 10:28	15° \mathbb{O} 11'40		evening max el	-3916 Jul 19 j 18:41	21° \mathbb{E} 41'57	26°33'59
evening set	-3917 Aug 25 j 11:33	12° \mathbb{O} 36'31		retrograde	-3916 Aug 01 j 15:54	28° \mathbb{E} 58'37	
min. Earth dist.	-3917 Aug 29 j 19:58	7° \mathbb{O} 45'08	0.66790 AU	evening set	-3916 Aug 08 j 06:23	26° \mathbb{E} 12'36	
inferior conj	-3917 Aug 30 j 22:11	6° \mathbb{O} 20'27	-1°45'15	min. Earth dist.	-3916 Aug 12 j 06:52	21° \mathbb{E} 59'23	0.65950 AU
minimum elong	-3917 Aug 31 j 00:37	6° \mathbb{O} 12'37	1°44'10	inferior conj	-3916 Aug 13 j 21:31	20° \mathbb{E} 02'14	-2°34'48
asc. node	-3917 Sep 05 j 05:50	0° \mathbb{O} 36'07		minimum elong	-3916 Aug 14 j 00:53	19° \mathbb{E} 52'00	2°33'30
morning rise	-3917 Sep 05 j 13:47	0° \mathbb{O} 22'33		morning rise	-3916 Aug 19 j 19:41	14° \mathbb{E} 16'12	
	-3917 Sep 06 j 05:03	30° \mathbb{R} \mathbb{E}		asc. node	-3916 Aug 22 j 02:55	13° \mathbb{E} 27'12	
direct	-3917 Sep 08 j 22:49	29° \mathbb{E} 16'32		direct	-3916 Aug 22 j 20:29	13° \mathbb{E} 24'11	
	-3917 Sep 11 j 19:18	0° \mathbb{O}		morning max el	-3916 Aug 29 j 14:30	17° \mathbb{E} 09'49	18°40'54
morning max el	-3917 Sep 16 j 04:44	3° \mathbb{O} 25'21	19°28'38		-3916 Sep 08 j 03:24	0° \mathbb{O}	
	-3917 Oct 05 j 01:07	0° \mathbb{P}		morning set	-3916 Sep 19 j 06:03	17° \mathbb{O} 40'52	
morning set	-3917 Oct 10 j 06:46	8° \mathbb{P} 08'18			-3916 Sep 26 j 23:12	0° \mathbb{P}	
desc. node	-3917 Oct 17 j 15:45	19° \mathbb{P} 39'43		desc. node	-3916 Oct 03 j 12:42	10° \mathbb{P} 22'38	
max. Earth dist.	-3917 Oct 23 j 17:00	29° \mathbb{P} 11'44	1.44421 AU				
	-3917 Oct 24 j 05:11	0° \mathbb{U}		superior conj	-3916 Oct 05 j 00:35	12° \mathbb{P} 44'01	-0°09'30
superior conj	-3917 Oct 26 j 23:54	4° \mathbb{U} 25'26	-0°57'03	minimum elong	-3916 Oct 04 j 23:20	12° \mathbb{P} 39'07	0°09'16
minimum elong	-3917 Oct 26 j 17:29	3° \mathbb{U} 59'48	0°56'18	behind sun begin	-3916 Oct 04 j 13:50	12° \mathbb{P} 01'41	
evening rise	-3917 Nov 10 j 09:06	27° \mathbb{U} 54'26		behind sun end	-3916 Oct 05 j 08:50	13° \mathbb{P} 16'33	
	-3917 Nov 11 j 15:13	0° \mathbb{M}		max. Earth dist.	-3916 Oct 05 j 10:23	13° \mathbb{P} 22'40	1.44835 AU
evening max el	-3917 Nov 29 j 12:50	27° \mathbb{M} 05'44	18°26'30		-3916 Oct 15 j 23:11	0° \mathbb{U}	
asc. node	-3917 Dec 02 j 04:43	29° \mathbb{M} 22'14		evening rise	-3916 Oct 21 j 02:15	8° \mathbb{U} 09'08	
	-3917 Dec 03 j 06:26	0° \mathbb{X}			-3916 Nov 03 j 23:17	0° \mathbb{M}	
retrograde	-3917 Dec 06 j 03:09	0° \mathbb{X} 43'56		evening max el	-3916 Nov 11 j 23:33	10° \mathbb{M} 31'20	19°01'09
	-3917 Dec 08 j 23:09	30° \mathbb{R} \mathbb{M}		asc. node	-3916 Nov 18 j 01:48	14° \mathbb{M} 24'05	
evening set	-3917 Dec 09 j 01:39	29° \mathbb{M} 56'46		retrograde	-3916 Nov 18 j 21:34	14° \mathbb{M} 27'55	
inferior conj	-3917 Dec 15 j 02:06	24° \mathbb{M} 25'09	3°31'20	evening set	-3916 Nov 22 j 02:03	13° \mathbb{M} 29'23	
minimum elong	-3917 Dec 14 j 23:08	24° \mathbb{M} 33'40	3°30'37	inferior conj	-3916 Nov 27 j 19:42	7° \mathbb{M} 41'53	2°55'39
min. Earth dist.	-3917 Dec 17 j 04:42	21° \mathbb{M} 59'57	0.64184 AU	minimum elong	-3916 Nov 27 j 16:33	7° \mathbb{M} 51'41	2°54'40
morning rise	-3917 Dec 20 j 20:08	18° \mathbb{M} 22'43		min. Earth dist.	-3916 Nov 29 j 08:00	5° \mathbb{M} 48'53	0.65502 AU
direct	-3917 Dec 27 j 18:14	15° \mathbb{M} 32'09		morning rise	-3916 Dec 03 j 06:44	1° \mathbb{M} 32'40	
morning max el	-3916 Jan 10 j 06:31	23° \mathbb{M} 14'49	27°24'38		-3916 Dec 05 j 09:12	30° \mathbb{R} \mathbb{U}	
desc. node	-3916 Jan 13 j 15:29	26° \mathbb{M} 49'39		direct	-3916 Dec 09 j 18:54	28° \mathbb{U} 43'54	
	-3916 Jan 16 j 08:15	0° \mathbb{X}			-3916 Dec 14 j 14:31	0° \mathbb{M}	
	-3916 Feb 05 j 10:05	0° \mathbb{Z}		morning max el	-3916 Dec 22 j 16:14	6° \mathbb{M} 15'15	26°35'58
morning set	-3916 Feb 14 j 07:54	16° \mathbb{Z} 31'49		desc. node	-3916 Dec 30 j 12:28	15° \mathbb{M} 13'55	
max. Earth dist.	-3916 Feb 19 j 06:59	26° \mathbb{Z} 34'21	1.33680 AU		-3915 Jan 10 j 01:53	0° \mathbb{X}	
				morning set	-3915 Jan 27 j 15:38	29° \mathbb{X} 54'41	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3915 Jan 27 j 16:45	0°♄		morning set	-3914 Jan 10 j 07:05	12°♄23'31	
max. Earth dist.	-3915 Jan 31 j 22:01	8°♄11'26	1.34858 AU	max. Earth dist.	-3914 Jan 14 j 01:27	19°♄20'37	1.36481 AU
superior conj	-3915 Feb 05 j 06:37	17°♄01'34	-1°20'25	superior conj	-3914 Jan 19 j 22:42	0°♄44'54	-1°38'55
minimum elong	-3915 Feb 05 j 09:42	17°♄17'30	1°20'09	minimum elong	-3914 Jan 20 j 01:44	0°♄59'55	1°38'47
	-3915 Feb 11 j 11:54	0°♄			-3914 Jan 19 j 13:40	0°♄	
evening rise	-3915 Feb 12 j 20:40	2°♄49'58		evening rise	-3914 Jan 28 j 01:15	17°♄08'48	
asc. node	-3915 Feb 14 j 00:59	5°♄15'24		asc. node	-3914 Jan 31 j 22:00	24°♄48'33	
	-3915 Feb 28 j 14:48	0°♄			-3914 Feb 03 j 16:32	0°♄	
evening max el	-3915 Mar 04 j 04:19	3°♄53'10	20°58'38	evening max el	-3914 Feb 14 j 15:30	15°♄31'25	19°46'44
retrograde	-3915 Mar 15 j 15:17	9°♄21'10		retrograde	-3914 Feb 24 j 09:36	20°♄09'03	
evening set	-3915 Mar 18 j 00:34	9°♄07'49		evening set	-3914 Feb 26 j 17:06	19°♄54'38	
inferior conj	-3915 Mar 27 j 04:58	5°♄09'42	0°21'10	inferior conj	-3914 Mar 07 j 07:06	15°♄52'17	2°07'19
minimum elong	-3915 Mar 27 j 05:56	5°♄08'20	0°20'44	minimum elong	-3914 Mar 07 j 11:47	15°♄44'58	2°05'50
min. Earth dist.	-3915 Mar 28 j 02:03	4°♄39'38	0.55216 AU	min. Earth dist.	-3914 Mar 09 j 16:24	14°♄23'08	0.55997 AU
desc. node	-3915 Mar 28 j 11:30	4°♄26'13		desc. node	-3914 Mar 15 j 08:35	11°♄31'05	
morning rise	-3915 Apr 05 j 10:34	0°♄59'09		morning rise	-3914 Mar 16 j 04:05	11°♄14'51	
direct	-3915 Apr 08 j 14:09	0°♄37'30		direct	-3914 Mar 20 j 09:00	10°♄35'27	
morning max el	-3915 Apr 21 j 14:37	6°♄55'07	22°36'53	morning max el	-3914 Apr 03 j 06:49	17°♄34'09	24°16'05
	-3915 May 07 j 17:40	0°♄			-3914 Apr 13 j 09:54	0°♄	
asc. node	-3915 May 13 j 00:36	10°♄28'34		morning set	-3914 Apr 28 j 04:52	26°♄54'21	
morning set	-3915 May 13 j 16:46	11°♄52'28		asc. node	-3914 Apr 29 j 21:36	0°♄30'03	
					-3914 Apr 29 j 15:58	0°♄	
superior conj	-3915 May 20 j 21:56	27°♄10'35	1°13'42	superior conj	-3914 May 05 j 06:04	12°♄03'02	0°53'07
minimum elong	-3915 May 20 j 19:19	26°♄56'43	1°13'21	minimum elong	-3914 May 05 j 03:56	11°♄51'32	0°52'45
	-3915 May 22 j 06:04	0°♄		max. Earth dist.	-3914 May 06 j 22:40	15°♄41'22	1.33322 AU
max. Earth dist.	-3915 May 23 j 17:45	3°♄06'16	1.34221 AU	evening rise	-3914 May 12 j 15:13	27°♄34'01	
evening rise	-3915 May 28 j 17:55	13°♄13'20			-3914 May 13 j 20:20	0°♄	
	-3915 Jun 06 j 20:24	0°♄			-3914 May 31 j 02:52	0°♄	
desc. node	-3915 Jun 24 j 10:16	26°♄18'03		desc. node	-3914 Jun 11 j 07:21	14°♄34'25	
	-3915 Jun 27 j 11:58	0°♄		evening max el	-3914 Jun 14 j 16:05	18°♄02'53	27°25'08
evening max el	-3915 Jul 02 j 06:03	5°♄02'51	27°13'40	retrograde	-3914 Jun 28 j 09:54	25°♄26'18	
retrograde	-3915 Jul 15 j 15:57	12°♄26'10		evening set	-3914 Jul 05 j 13:39	22°♄50'50	
evening set	-3915 Jul 22 j 16:12	9°♄39'05		min. Earth dist.	-3914 Jul 09 j 03:48	19°♄46'05	0.63157 AU
min. Earth dist.	-3915 Jul 26 j 10:03	6°♄02'53	0.64737 AU	inferior conj	-3914 Jul 11 j 21:48	17°♄01'01	-3°54'33
inferior conj	-3915 Jul 28 j 14:16	3°♄37'30	-3°19'02	minimum elong	-3914 Jul 12 j 01:10	16°♄52'33	3°53'50
minimum elong	-3915 Jul 28 j 18:05	3°♄26'53	3°17'52	morning rise	-3914 Jul 18 j 13:39	11°♄48'10	
	-3915 Aug 01 j 03:02	30°♄18'03		direct	-3914 Jul 21 j 04:56	11°♄14'59	
morning rise	-3915 Aug 03 j 20:32	28°♄06'29		asc. node	-3914 Jul 26 j 21:03	13°♄48'08	
direct	-3915 Aug 06 j 15:29	27°♄25'11		morning max el	-3914 Jul 27 j 18:59	14°♄39'11	17°56'41
asc. node	-3915 Aug 08 j 23:59	27°♄54'26			-3914 Aug 07 j 10:25	0°♄	
	-3915 Aug 12 j 04:27	0°♄		morning set	-3914 Aug 13 j 11:54	10°♄34'37	
morning max el	-3915 Aug 13 j 04:05	0°♄55'55	18°09'54		-3914 Aug 24 j 18:23	0°♄	
morning set	-3915 Aug 31 j 08:50	28°♄32'49					
	-3915 Sep 01 j 05:39	0°♄		superior conj	-3914 Aug 25 j 09:44	1°♄04'12	1°16'02
superior conj	-3915 Sep 14 j 05:43	21°♄19'39	0°38'36	minimum elong	-3914 Aug 25 j 15:26	1°♄28'00	1°15'35
minimum elong	-3915 Sep 14 j 10:07	21°♄37'19	0°38'08	max. Earth dist.	-3914 Aug 31 j 19:19	11°♄34'08	1.43535 AU
max. Earth dist.	-3915 Sep 18 j 04:02	27°♄35'33	1.44524 AU	desc. node	-3914 Sep 07 j 06:38	21°♄51'14	
	-3915 Sep 19 j 16:34	0°♄		evening rise	-3914 Sep 10 j 00:04	26°♄06'08	
desc. node	-3915 Sep 20 j 09:39	1°♄07'24			-3914 Sep 12 j 12:42	0°♄	
evening rise	-3915 Sep 30 j 19:36	17°♄23'16			-3914 Oct 03 j 01:47	0°♄	
	-3915 Oct 08 j 23:51	0°♄		evening max el	-3914 Oct 09 j 07:05	7°♄25'00	20°56'23
greatest brilliancy	-3915 Oct 13 j 18:41	7°♄15'27	-0.7m	retrograde	-3914 Oct 17 j 15:28	12°♄21'17	
evening max el	-3915 Oct 26 j 06:09	23°♄58'20	19°51'53	evening set	-3914 Oct 21 j 14:26	10°♄52'13	
retrograde	-3915 Nov 02 j 18:24	28°♄21'15		asc. node	-3914 Oct 22 j 20:00	9°♄48'07	
asc. node	-3915 Nov 04 j 22:54	27°♄53'29		inferior conj	-3914 Oct 26 j 23:48	4°♄42'17	1°23'27
evening set	-3915 Nov 06 j 07:00	27°♄08'45		minimum elong	-3914 Oct 26 j 21:57	4°♄48'34	1°22'42
inferior conj	-3915 Nov 11 j 19:41	21°♄08'27	2°12'09	min. Earth dist.	-3914 Oct 27 j 11:33	4°♄02'09	0.67087 AU
minimum elong	-3915 Nov 11 j 17:00	21°♄17'21	2°11'09		-3914 Oct 30 j 16:00	30°♄18'03	
min. Earth dist.	-3915 Nov 12 j 19:01	19°♄51'33	0.66464 AU	morning rise	-3914 Nov 01 j 05:19	28°♄27'06	
morning rise	-3915 Nov 17 j 02:45	14°♄55'01		direct	-3914 Nov 06 j 12:34	26°♄10'06	
direct	-3915 Nov 23 j 01:14	12°♄18'52			-3914 Nov 14 j 13:13	0°♄	
morning max el	-3915 Dec 05 j 01:07	19°♄25'20	25°25'09	morning max el	-3914 Nov 17 j 09:51	2°♄39'43	24°01'49
	-3915 Dec 14 j 02:24	0°♄		desc. node	-3914 Dec 04 j 06:26	24°♄06'58	
desc. node	-3915 Dec 17 j 09:27	4°♄24'06			-3914 Dec 08 j 06:15	0°♄	
	-3914 Jan 03 j 04:14	0°♄		morning set	-3914 Dec 23 j 00:18	23°♄42'23	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3914 Dec 26 j 14:44	0°♊				-3913 Dec 01 j 07:41	0°♋		
max. Earth dist.	-3914 Dec 26 j 22:06	0°♊32'46	1.38443 AU	morning set		-3913 Dec 03 j 13:52	3°♋39'15		
				max. Earth dist.		-3913 Dec 08 j 19:23	12°♋21'34	1.40509 AU	
superior conj	-3913 Jan 03 j 02:39	13°♊47'36	-1°51'22						
minimum elong	-3913 Jan 03 j 04:32	13°♊56'31	1°51'26	superior conj		-3913 Dec 16 j 13:40	25°♋57'08	-1°54'42	
	-3913 Jan 11 j 10:33	0°♋		minimum elong		-3913 Dec 16 j 12:58	25°♋53'59	1°54'49	
evening rise	-3913 Jan 11 j 23:15	1°♋02'19				-3913 Dec 18 j 19:03	0°♌		
asc. node	-3913 Jan 18 j 19:03	13°♋57'35		evening rise		-3913 Dec 26 j 11:46	14°♌23'36		
evening max el	-3913 Jan 28 j 12:44	27°♋44'33	18°53'48			-3912 Jan 04 j 01:53	0°♍		
	-3913 Jan 31 j 08:29	0°♎		asc. node		-3912 Jan 05 j 16:06	2°♍34'42		
retrograde	-3913 Feb 05 j 19:55	1°♎44'05		evening max el		-3912 Jan 11 j 17:57	10°♍27'01	18°21'00	
evening set	-3913 Feb 08 j 06:08	1°♎25'02		retrograde		-3912 Jan 19 j 00:57	14°♍03'54		
	-3913 Feb 11 j 16:51	30°♎♋		evening set		-3912 Jan 21 j 14:12	13°♍38'30		
inferior conj	-3913 Feb 16 j 02:42	27°♍06'25	3°20'15	inferior conj		-3912 Jan 28 j 18:55	8°♍59'11	3°56'07	
minimum elong	-3913 Feb 16 j 07:06	26°♍58'28	3°19'15	minimum elong		-3912 Jan 28 j 20:44	8°♍55'23	3°55'48	
min. Earth dist.	-3913 Feb 19 j 07:58	24°♍48'03	0.57509 AU	min. Earth dist.		-3912 Feb 01 j 03:41	6°♍10'45	0.59432 AU	
morning rise	-3913 Feb 24 j 05:31	21°♍59'30		morning rise		-3912 Feb 05 j 01:17	3°♍28'56		
direct	-3913 Mar 01 j 16:08	20°♍48'28		direct		-3912 Feb 11 j 11:48	1°♍38'43		
desc. node	-3913 Mar 02 j 05:42	20°♍49'14		desc. node		-3912 Feb 17 j 02:48	2°♍57'51		
morning max el	-3913 Mar 15 j 21:59	28°♍11'40	25°48'35	morning max el		-3912 Feb 25 j 17:37	9°♍15'13	26°59'12	
	-3913 Mar 17 j 16:50	0°♎				-3912 Mar 12 j 14:33	0°♏		
	-3913 Apr 06 j 17:59	0°♐		morning set		-3912 Mar 27 j 02:55	26°♏52'13		
morning set	-3913 Apr 12 j 16:49	11°♐56'21				-3912 Mar 28 j 14:40	0°♑		
asc. node	-3913 Apr 16 j 18:36	20°♐39'48		asc. node		-3912 Apr 02 j 15:37	10°♑53'35		
superior conj	-3913 Apr 19 j 16:53	27°♐03'13	0°30'09	superior conj		-3912 Apr 03 j 04:41	12°♐05'10	0°05'43	
minimum elong	-3913 Apr 19 j 15:35	26°♐56'08	0°29'53	minimum elong		-3912 Apr 03 j 04:26	12°♐03'47	0°05'37	
max. Earth dist.	-3913 Apr 20 j 09:44	28°♐35'07	1.32772 AU	behind sun begin		-3912 Apr 02 j 23:44	11°♐38'03		
	-3913 Apr 21 j 01:19	0°♑		behind sun end		-3912 Apr 03 j 09:08	12°♐29'31		
evening rise	-3913 Apr 26 j 19:28	12°♑15'25		max. Earth dist.		-3912 Apr 02 j 23:12	11°♐35'04	1.32562 AU	
	-3913 May 06 j 00:35	0°♒		evening rise		-3912 Apr 10 j 04:11	27°♐09'04		
	-3913 May 27 j 10:23	0°♓				-3912 Apr 11 j 13:08	0°♑		
evening max el	-3913 May 27 j 21:57	0°♓27'59	27°04'14			-3912 Apr 28 j 17:12	0°♒		
desc. node	-3913 May 29 j 04:27	1°♓38'29		evening max el		-3912 May 08 j 21:42	12°♒10'53	26°11'14	
retrograde	-3913 Jun 10 j 20:54	7°♓49'22		desc. node		-3912 May 15 j 01:33	17°♒00'42		
evening set	-3913 Jun 17 j 18:40	5°♓39'18		retrograde		-3912 May 22 j 23:47	19°♒28'27		
min. Earth dist.	-3913 Jun 21 j 11:27	2°♓54'16	0.61265 AU	evening set		-3912 May 29 j 03:21	17°♒54'45		
inferior conj	-3913 Jun 24 j 16:46	0°♓04'05	-4°16'15	min. Earth dist.		-3912 Jun 02 j 10:29	15°♒12'39	0.59222 AU	
minimum elong	-3913 Jun 24 j 18:24	0°♓00'26	4°16'01	inferior conj		-3912 Jun 05 j 19:29	12°♒37'44	-4°16'22	
	-3913 Jun 24 j 18:36	30°♒♓		minimum elong		-3912 Jun 05 j 18:01	12°♒40'35	4°16'11	
morning rise	-3913 Jul 01 j 19:46	25°♒12'09		morning rise		-3912 Jun 13 j 11:11	8°♒07'45		
direct	-3913 Jul 04 j 09:03	24°♒45'15		direct		-3912 Jun 15 j 23:23	7°♒45'58		
morning max el	-3913 Jul 11 j 08:27	28°♒12'29	18°02'10	morning max el		-3912 Jun 23 j 17:38	11°♒28'07	18°27'13	
	-3913 Jul 13 j 00:46	0°♓		asc. node		-3912 Jun 29 j 15:12	18°♒51'36		
asc. node	-3913 Jul 13 j 18:08	0°♓52'09				-3912 Jul 06 j 02:53	0°♔		
morning set	-3913 Jul 27 j 09:39	23°♓30'12		morning set		-3912 Jul 09 j 21:10	7°♓07'18		
	-3913 Jul 30 j 22:31	0°♕							
superior conj	-3913 Aug 06 j 17:24	12°♕11'00	1°38'54	superior conj		-3912 Jul 19 j 00:56	24°♓29'50	1°48'27	
minimum elong	-3913 Aug 06 j 21:06	12°♕27'10	1°38'50	minimum elong		-3912 Jul 19 j 01:54	24°♓34'21	1°48'36	
max. Earth dist.	-3913 Aug 14 j 05:18	24°♕59'21	1.41996 AU			-3912 Jul 22 j 01:15	0°♖		
	-3913 Aug 17 j 06:26	0°♎		max. Earth dist.		-3912 Jul 26 j 09:17	7°♖39'50	1.40122 AU	
evening rise	-3913 Aug 20 j 11:01	5°♎08'14		evening rise		-3912 Jul 30 j 20:13	15°♖14'09		
desc. node	-3913 Aug 25 j 03:38	12°♎30'15				-3912 Aug 09 j 01:21	0°♏		
	-3913 Sep 05 j 20:44	0°♐		desc. node		-3912 Aug 11 j 00:38	3°♏00'46		
evening max el	-3913 Sep 22 j 01:44	20°♐50'16	22°11'21			-3912 Aug 30 j 17:08	0°♑		
retrograde	-3913 Oct 01 j 11:02	26°♐25'01		evening max el		-3912 Sep 03 j 15:18	4°♑16'11	23°31'47	
evening set	-3913 Oct 05 j 22:25	24°♐37'16		retrograde		-3912 Sep 14 j 03:44	10°♑29'26		
asc. node	-3913 Oct 09 j 17:08	20°♐26'54		evening set		-3912 Sep 19 j 05:10	8°♑22'12		
inferior conj	-3913 Oct 11 j 06:02	18°♐21'05	0°31'32	min. Earth dist.		-3912 Sep 24 j 03:38	2°♑34'03	0.67397 AU	
minimum elong	-3913 Oct 11 j 05:18	18°♐23'36	0°31'14	inferior conj		-3912 Sep 24 j 12:37	2°♑03'17	-0°21'57	
min. Earth dist.	-3913 Oct 11 j 07:15	18°♐16'54	0.67390 AU	minimum elong		-3912 Sep 24 j 13:08	2°♑01'32	0°21'39	
morning rise	-3913 Oct 16 j 12:05	12°♑06'48		asc. node		-3912 Sep 25 j 14:17	0°♒36'08		
direct	-3913 Oct 21 j 04:15	10°♑11'22				-3912 Sep 26 j 01:11	30°♒♓		
morning max el	-3913 Oct 30 j 20:58	15°♑57'51	22°35'28	morning rise		-3912 Sep 29 j 21:03	25°♒52'45		
	-3913 Nov 11 j 06:40	0°♓		direct		-3912 Oct 03 j 23:30	24°♓18'23		
desc. node	-3913 Nov 21 j 03:26	14°♓12'56		morning max el		-3912 Oct 12 j 13:23	29°♓22'02	21°13'56	
						-3912 Oct 13 j 04:00	0°♔		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3912 Nov 04 j 00:19	0°♊		morning set	-3911 Oct 21 j 22:20	20°♏31'56	
desc. node	-3912 Nov 07 j 00:23	4°♊34'45		desc. node	-3911 Oct 24 j 21:20	25°♏07'47	
morning set	-3912 Nov 12 j 00:17	12°♊20'02			-3911 Oct 28 j 00:00	0°♊	
max. Earth dist.	-3912 Nov 19 j 22:24	25°♊01'21	1.42401 AU	max. Earth dist.	-3911 Nov 02 j 08:45	8°♊29'48	1.43860 AU
	-3912 Nov 22 j 22:45	0°♋					
superior conj	-3912 Nov 27 j 01:58	6°♋58'35	-1°45'10	superior conj	-3911 Nov 07 j 11:06	16°♊43'07	-1°19'25
minimum elong	-3912 Nov 26 j 21:34	6°♋39'45	1°44'59	minimum elong	-3911 Nov 07 j 04:07	16°♊14'40	1°18'45
evening rise	-3912 Dec 08 j 11:00	27°♋03'21		evening rise	-3911 Nov 15 j 11:22	0°♋	
	-3912 Dec 10 j 02:10	0°♌			-3911 Nov 20 j 16:36	8°♋53'08	
asc. node	-3912 Dec 22 j 13:12	20°♌28'58		evening max el	-3911 Dec 08 j 16:51	6°♌45'48	18°14'32
evening max el	-3912 Dec 25 j 04:16	23°♌29'48	18°08'09	asc. node	-3911 Dec 09 j 10:16	7°♌28'00	
retrograde	-3912 Dec 31 j 21:38	26°♌57'54		retrograde	-3911 Dec 15 j 05:50	10°♌17'01	
evening set	-3911 Jan 03 j 13:55	26°♌25'01		evening set	-3911 Dec 18 j 01:47	9°♌35'26	
inferior conj	-3911 Jan 10 j 05:37	21°♌24'25	4°02'06	inferior conj	-3911 Dec 24 j 07:07	4°♌14'36	3°46'55
minimum elong	-3911 Jan 10 j 04:48	21°♌26'21	4°01'54	minimum elong	-3911 Dec 24 j 04:39	4°♌21'18	3°46'25
min. Earth dist.	-3911 Jan 13 j 06:26	18°♌29'43	0.61438 AU	min. Earth dist.	-3911 Dec 26 j 18:19	1°♌34'32	0.63274 AU
morning rise	-3911 Jan 16 j 18:26	15°♌38'19			-3911 Dec 28 j 07:51	30°♋♋	
direct	-3911 Jan 23 j 17:56	13°♌13'35		morning rise	-3911 Dec 30 j 06:50	28°♋17'30	
desc. node	-3911 Feb 02 j 23:53	17°♌34'37		direct	-3910 Jan 06 j 08:09	25°♋31'49	
morning max el	-3911 Feb 06 j 19:22	20°♌56'47	27°37'17		-3910 Jan 16 j 10:42	0°♌	
	-3911 Feb 14 j 16:51	0°♍		morning max el	-3910 Jan 20 j 02:03	3°♌16'05	27°39'08
	-3911 Mar 05 j 12:09	0°♎		desc. node	-3910 Jan 20 j 20:57	4°♌03'31	
morning set	-3911 Mar 11 j 09:09	11°♎33'43			-3910 Feb 09 j 02:36	0°♍	
max. Earth dist.	-3911 Mar 17 j 11:10	24°♎26'40	1.32697 AU	morning set	-3910 Feb 23 j 09:10	25°♍52'43	
					-3910 Feb 25 j 09:58	0°♎	
superior conj	-3911 Mar 18 j 15:44	27°♎01'52	-0°19'26	max. Earth dist.	-3910 Feb 28 j 17:51	6°♎56'41	1.33205 AU
minimum elong	-3911 Mar 18 j 16:37	27°♎06'38	0°19'21				
	-3911 Mar 20 j 00:25	0°♏		superior conj	-3910 Mar 03 j 00:19	11°♎47'18	-0°44'20
asc. node	-3911 Mar 20 j 12:36	1°♏06'26		minimum elong	-3910 Mar 03 j 02:16	11°♎57'47	0°44'06
evening rise	-3911 Mar 25 j 15:16	12°♏06'39		asc. node	-3910 Mar 07 j 09:35	21°♎14'21	
	-3911 Apr 03 j 19:12	0°♐		evening rise	-3910 Mar 10 j 02:52	27°♎01'44	
evening max el	-3911 Apr 20 j 15:43	23°♐15'10	24°52'27		-3910 Mar 11 j 13:04	0°♏	
desc. node	-3911 May 01 j 22:39	0°♑04'17			-3910 Mar 29 j 14:24	0°♐	
	-3911 May 01 j 14:59	0°♑		evening max el	-3910 Apr 02 j 07:44	3°♐59'02	23°19'45
retrograde	-3911 May 04 j 16:13	0°♑21'39		retrograde	-3910 Apr 15 j 19:34	10°♐39'30	
	-3911 May 07 j 17:32	30°♑♐		desc. node	-3910 Apr 18 j 19:47	10°♐19'34	
evening set	-3911 May 09 j 14:30	29°♐26'01		evening set	-3910 Apr 19 j 10:02	10°♐11'06	
min. Earth dist.	-3911 May 15 j 03:57	26°♐30'43	0.57301 AU	min. Earth dist.	-3910 Apr 26 j 18:40	6°♐51'05	0.55856 AU
inferior conj	-3911 May 18 j 02:51	24°♐33'00	-3°44'45	inferior conj	-3910 Apr 28 j 14:31	5°♐46'19	-2°33'08
minimum elong	-3911 May 17 j 21:57	24°♐41'12	3°43'49	minimum elong	-3910 Apr 28 j 08:44	5°♐54'54	2°31'29
morning rise	-3911 May 26 j 08:30	20°♐22'32		morning rise	-3910 May 07 j 09:59	1°♐47'57	
direct	-3911 May 28 j 19:58	20°♐04'50		direct	-3910 May 09 j 22:16	1°♐32'26	
morning max el	-3911 Jun 06 j 19:34	24°♐16'12	19°12'37	morning max el	-3910 May 20 j 11:40	6°♐27'12	20°18'19
	-3911 Jun 11 j 17:09	0°♑		asc. node	-3910 Jun 03 j 09:14	26°♐47'02	
asc. node	-3911 Jun 16 j 12:15	7°♑33'25			-3910 Jun 05 j 01:12	0°♑	
morning set	-3911 Jun 23 j 18:36	21°♑16'14		morning set	-3910 Jun 07 j 22:55	5°♑48'35	
	-3911 Jun 28 j 03:55	0°♒					
superior conj	-3911 Jul 02 j 02:29	7°♒44'26	1°47'28	superior conj	-3910 Jun 15 j 16:58	21°♑39'45	1°38'38
minimum elong	-3911 Jul 02 j 01:22	7°♒39'01	1°47'35	minimum elong	-3910 Jun 15 j 14:40	21°♑28'09	1°38'34
max. Earth dist.	-3911 Jul 08 j 10:51	19°♒42'09	1.38173 AU	max. Earth dist.	-3910 Jun 19 j 21:51	0°♒	
evening rise	-3911 Jul 12 j 07:42	26°♒37'31		evening rise	-3910 Jun 20 j 16:15	1°♒29'02	1.36385 AU
	-3911 Jul 14 j 06:23	0°♓			-3910 Jun 24 j 17:48	9°♒08'45	
desc. node	-3911 Jul 28 j 21:38	23°♓18'06		desc. node	-3910 Jul 06 j 22:17	0°♓	
	-3911 Aug 02 j 13:48	0°♑			-3910 Jul 15 j 18:40	13°♓15'30	
evening max el	-3911 Aug 17 j 02:23	17°♑45'52	24°50'58	evening max el	-3910 Jul 29 j 06:17	0°♑	
retrograde	-3911 Aug 28 j 16:30	24°♑31'24		retrograde	-3910 Jul 30 j 13:16	1°♑17'50	26°01'02
evening set	-3911 Sep 03 j 08:53	22°♑05'43		evening set	-3910 Aug 12 j 00:33	8°♑25'27	
min. Earth dist.	-3911 Sep 07 j 22:17	16°♑52'39	0.67102 AU	min. Earth dist.	-3910 Aug 18 j 07:35	5°♑45'05	
inferior conj	-3911 Sep 08 j 17:51	15°♑47'39	-1°15'17		-3910 Aug 22 j 12:39	1°♑09'40	0.66477 AU
minimum elong	-3911 Sep 08 j 19:37	15°♑41'49	1°14'26	inferior conj	-3910 Aug 23 j 10:46	30°♑♓	
asc. node	-3911 Sep 12 j 11:24	11°♑16'07		minimum elong	-3910 Aug 23 j 19:53	29°♓31'12	-2°06'46
morning rise	-3911 Sep 14 j 06:21	9°♑43'59		morning rise	-3910 Aug 23 j 22:45	29°♓22'10	2°05'33
direct	-3911 Sep 17 j 21:07	8°♑28'23		asc. node	-3910 Aug 29 j 14:04	23°♓37'46	
morning max el	-3911 Sep 25 j 12:54	12°♑54'57	20°03'05	direct	-3910 Aug 30 j 08:29	23°♓12'41	
	-3911 Oct 08 j 10:38	0°♒		morning max el	-3910 Sep 01 j 19:24	22°♓37'56	
					-3910 Sep 08 j 19:19	26°♓35'39	19°06'20

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3910 Sep 11 j 18:39	0°♌			-3909 Sep 24 j 12:10	0°♍		
morning set	-3910 Oct 01 j 07:38	29°♌22'31						
	-3910 Oct 01 j 17:10	0°♍		superior conj	-3909 Sep 26 j 19:03	3°♍37'25	0°11'41	
desc. node	-3910 Oct 11 j 18:16	15°♍47'51		minimum elong	-3909 Sep 26 j 20:34	3°♍43'24	0°11'34	
max. Earth dist.	-3910 Oct 16 j 00:52	22°♍32'00	1.44693 AU	behind sun begin	-3909 Sep 26 j 12:33	3°♍11'42		
				behind sun end	-3909 Sep 27 j 04:34	4°♍15'05		
superior conj	-3910 Oct 17 j 19:27	25°♍20'15	-0°37'47	desc. node	-3909 Sep 28 j 15:13	6°♍31'51		
minimum elong	-3910 Oct 17 j 14:43	25°♍01'30	0°37'09	max. Earth dist.	-3909 Sep 28 j 19:19	6°♍48'02	1.44798 AU	
	-3910 Oct 20 j 18:01	0°♎		evening rise	-3909 Oct 13 j 06:26	29°♍31'37		
evening rise	-3910 Nov 01 j 23:55	19°♎43'56			-3909 Oct 13 j 13:40	0°♎		
	-3910 Nov 08 j 06:40	0°♎		greatest brilliancy	-3909 Oct 23 j 11:04	15°♎28'24	-0.8m	
evening max el	-3910 Nov 22 j 04:57	20°♎08'48	18°39'11		-3909 Nov 02 j 11:59	0°♎		
asc. node	-3910 Nov 26 j 07:21	23°♎16'50		evening max el	-3909 Nov 05 j 14:06	3°♎34'54	19°20'51	
retrograde	-3910 Nov 28 j 21:30	23°♎53'24		retrograde	-3909 Nov 12 j 17:21	7°♎41'47		
evening set	-3910 Dec 01 j 22:26	23°♎01'29		asc. node	-3909 Nov 13 j 04:27	7°♎40'34		
inferior conj	-3910 Dec 07 j 19:44	17°♎22'44	3°17'20	evening set	-3909 Nov 16 j 01:04	6°♎37'28		
minimum elong	-3910 Dec 07 j 16:36	17°♎32'04	3°16'28	inferior conj	-3909 Nov 21 j 16:21	0°♎43'50	2°37'59	
min. Earth dist.	-3910 Dec 09 j 16:04	15°♎10'42	0.64794 AU	minimum elong	-3909 Nov 21 j 13:20	0°♎53'30	2°36'57	
morning rise	-3910 Dec 13 j 10:25	11°♎17'23			-3909 Nov 22 j 06:01	30°♎♌		
direct	-3910 Dec 20 j 05:00	8°♎26'11		min. Earth dist.	-3909 Nov 22 j 22:50	29°♎06'16	0.65954 AU	
morning max el	-3909 Jan 02 j 11:22	16°♎04'32	27°07'15	morning rise	-3909 Nov 27 j 01:22	24°♎32'32		
desc. node	-3909 Jan 07 j 17:58	21°♎52'29		direct	-3909 Dec 03 j 07:54	21°♎48'26		
	-3909 Jan 14 j 01:19	0°♏		morning max el	-3909 Dec 15 j 21:00	29°♎10'36	26°08'04	
	-3909 Feb 01 j 20:26	0°♏			-3909 Dec 16 j 16:24	0°♎		
morning set	-3909 Feb 06 j 23:57	9°♏39'22		desc. node	-3909 Dec 25 j 14:58	10°♎37'59		
max. Earth dist.	-3909 Feb 11 j 15:38	18°♏55'14	1.34126 AU		-3908 Jan 07 j 21:23	0°♏		
				morning set	-3908 Jan 21 j 01:24	22°♏♏40'47		
superior conj	-3909 Feb 15 j 04:29	26°♏14'52	-1°07'57		-3908 Jan 24 j 21:53	0°♏		
minimum elong	-3909 Feb 15 j 07:17	26°♏29'34	1°07'39	max. Earth dist.	-3908 Jan 25 j 01:53	0°♏19'27	1.35497 AU	
	-3909 Feb 16 j 23:11	0°♐						
asc. node	-3909 Feb 22 j 06:35	11°♐13'05		superior conj	-3908 Jan 30 j 01:49	10°♏16'27	-1°28'51	
evening rise	-3909 Feb 22 j 13:17	11°♐48'04		minimum elong	-3908 Jan 30 j 04:59	10°♏32'33	1°28'38	
	-3909 Mar 04 j 01:06	0°♑		evening rise	-3908 Feb 06 j 20:37	26°♏18'38		
evening max el	-3909 Mar 15 j 03:44	14°♑49'05	21°47'14		-3908 Feb 08 j 16:12	0°♐		
retrograde	-3909 Mar 27 j 11:55	20°♑46'52		asc. node	-3908 Feb 09 j 03:36	0°♐57'09		
evening set	-3909 Mar 30 j 03:53	20°♑30'58		evening max el	-3908 Feb 25 j 08:39	26°♐06'06	20°25'53	
desc. node	-3909 Apr 05 j 16:54	18°♑00'10			-3908 Mar 01 j 20:28	0°♑		
inferior conj	-3909 Apr 08 j 12:18	16°♑27'29	-0°46'37	retrograde	-3908 Mar 07 j 02:20	1°♑12'26		
minimum elong	-3909 Apr 08 j 10:08	16°♑30'32	0°45'55	evening set	-3908 Mar 09 j 09:44	0°♑59'15		
min. Earth dist.	-3909 Apr 08 j 08:30	16°♑32'50	0.55183 AU		-3908 Mar 12 j 15:59	30°♑♐		
morning rise	-3909 Apr 17 j 17:10	12°♑27'10		inferior conj	-3908 Mar 18 j 08:45	27°♑00'51	1°09'13	
direct	-3909 Apr 20 j 12:00	12°♑09'58		minimum elong	-3908 Mar 18 j 11:44	26°♑56'27	1°08'08	
morning max el	-3909 May 02 j 16:56	17°♑57'00	21°42'22	min. Earth dist.	-3908 Mar 19 j 22:33	26°♑05'21	0.55436 AU	
	-3909 May 12 j 05:41	0°♒		desc. node	-3908 Mar 22 j 14:01	24°♑37'24		
asc. node	-3909 May 21 j 06:13	16°♒24'40		morning rise	-3908 Mar 27 j 12:15	22°♑40'14		
morning set	-3909 May 23 j 07:47	20°♒37'58		direct	-3908 Mar 31 j 01:07	22°♑12'59		
	-3909 May 27 j 19:02	0°♓		morning max el	-3908 Apr 13 j 12:48	28°♑49'48	23°19'03	
					-3908 Apr 14 j 17:20	0°♓		
superior conj	-3909 May 30 j 16:35	6°♓04'59	1°24'04		-3908 May 04 j 01:38	0°♒		
minimum elong	-3909 May 30 j 13:54	5°♓50'58	1°23'49	morning set	-3908 May 06 j 19:12	5°♒36'53		
max. Earth dist.	-3909 Jun 03 j 06:24	13°♓26'29	1.34907 AU	asc. node	-3908 May 07 j 03:13	6°♒18'50		
evening rise	-3909 Jun 07 j 21:13	22°♓33'35						
	-3909 Jun 11 j 20:34	0°♔		superior conj	-3908 May 13 j 22:18	20°♒49'40	1°05'19	
	-3909 Jun 30 j 14:57	0°♔		minimum elong	-3908 May 13 j 19:50	20°♒36'31	1°04'58	
desc. node	-3909 Jul 02 j 15:44	2°♔44'16		max. Earth dist.	-3908 May 16 j 06:13	25°♒46'28	1.33791 AU	
evening max el	-3909 Jul 13 j 00:40	14°♔45'48	26°53'50		-3908 May 18 j 06:49	0°♓		
retrograde	-3909 Jul 26 j 03:32	22°♔05'30		evening rise	-3908 May 21 j 13:05	6°♓37'00		
evening set	-3909 Aug 01 j 22:56	19°♔17'36			-3908 Jun 03 j 10:28	0°♔		
min. Earth dist.	-3909 Aug 05 j 20:24	15°♔20'41	0.65490 AU	desc. node	-3908 Jun 18 j 12:48	21°♔31'38		
inferior conj	-3909 Aug 07 j 16:43	13°♔10'54	-2°54'21	evening max el	-3908 Jun 24 j 11:31	27°♔58'30	27°22'09	
minimum elong	-3909 Aug 07 j 20:21	13°♔00'14	2°53'05		-3908 Jun 26 j 17:02	0°♔		
morning rise	-3909 Aug 13 j 18:09	7°♔30'58		retrograde	-3908 Jul 08 j 01:06	5°♔22'46		
direct	-3909 Aug 16 j 16:17	6°♔43'45		evening set	-3908 Jul 15 j 03:58	2°♔38'32		
asc. node	-3909 Aug 17 j 05:34	6°♔45'26			-3908 Jul 18 j 02:46	30°♒♔		
morning max el	-3909 Aug 23 j 07:01	10°♔21'36	18°25'36	min. Earth dist.	-3908 Jul 18 j 19:35	29°♔17'03	0.64114 AU	
	-3909 Sep 05 j 23:10	0°♌		inferior conj	-3908 Jul 21 j 05:54	26°♔41'38	-3°35'24	
morning set	-3909 Sep 11 j 18:38	9°♌29'24		minimum elong	-3908 Jul 21 j 09:40	26°♔31'36	3°34'24	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning rise	-3908 Jul 27 j 16:06	21° Π 18'19		morning max el	-3907 Jul 20 j 12:15	7° Π 47'27	17°56'38
direct	-3908 Jul 30 j 09:14	20° Π 40'50		asc. node	-3907 Jul 20 j 23:44	8° Π 16'27	
asc. node	-3908 Aug 03 j 02:39	21° Π 51'08			-3907 Aug 03 j 23:43	0° Ξ	
morning max el	-3908 Aug 05 j 21:34	24° Π 07'32	18°02'03	morning set	-3907 Aug 05 j 20:03	3° Ξ 18'37	
	-3908 Aug 10 j 15:16	0° Ξ					
morning set	-3908 Aug 23 j 08:22	20° Ξ 52'36		superior conj	-3907 Aug 17 j 00:25	22° Ξ 58'22	1°27'31
	-3908 Aug 28 j 17:13	0° Ω		minimum elong	-3907 Aug 17 j 05:30	23° Ξ 20'01	1°27'13
					-3907 Aug 21 j 04:41	0° Ω	
superior conj	-3908 Sep 05 j 08:31	12° Ω 38'42	0°56'11	max. Earth dist.	-3907 Aug 24 j 00:51	4° Ω 40'23	1.42932 AU
minimum elong	-3908 Sep 05 j 14:03	13° Ω 01'11	0°55'39	evening rise	-3907 Aug 31 j 20:57	17° Ω 10'53	
max. Earth dist.	-3908 Sep 10 j 12:12	20° Ω 56'35	1.44178 AU	desc. node	-3907 Sep 01 j 09:10	17° Ω 58'36	
desc. node	-3908 Sep 14 j 12:12	27° Ω 16'37			-3907 Sep 09 j 05:34	0° Π	
	-3908 Sep 16 j 05:51	0° Π			-3907 Oct 01 j 05:58	0° Δ	
evening rise	-3908 Sep 21 j 16:19	8° Π 27'10		evening max el	-3907 Oct 01 j 16:34	0° Δ 27'24	21°27'21
	-3908 Oct 05 j 21:11	0° Δ		retrograde	-3907 Oct 10 j 11:18	5° Δ 39'59	
evening max el	-3908 Oct 18 j 18:21	17° Δ 01'38	20°17'47	evening set	-3907 Oct 14 j 15:12	4° Δ 03'25	
retrograde	-3908 Oct 26 j 14:41	21° Δ 38'32		asc. node	-3907 Oct 16 j 22:42	1° Δ 47'32	
evening set	-3908 Oct 30 j 07:20	20° Δ 19'21			-3907 Oct 18 j 09:22	30° \mathbb{R} Π	
asc. node	-3908 Oct 30 j 01:33	20° Δ 29'23		inferior conj	-3907 Oct 19 j 23:39	27° Π 50'29	1°01'43
inferior conj	-3908 Nov 04 j 18:24	14° Δ 14'19	1°52'02	minimum elong	-3907 Oct 19 j 22:15	27° Π 55'16	1°01'09
minimum elong	-3908 Nov 04 j 16:01	14° Δ 22'17	1°51'06	min. Earth dist.	-3907 Oct 20 j 06:55	27° Π 25'29	0.67250 AU
min. Earth dist.	-3908 Nov 05 j 12:38	13° Δ 13'06	0.66763 AU	morning rise	-3907 Oct 25 j 05:08	21° Π 35'06	
morning rise	-3908 Nov 10 j 00:30	7° Δ 59'34		direct	-3907 Oct 30 j 05:53	19° Π 26'56	
direct	-3908 Nov 15 j 16:27	5° Δ 31'06		morning max el	-3907 Nov 09 j 15:03	25° Π 39'02	23°24'50
morning max el	-3908 Nov 27 j 05:50	12° Δ 23'56	24°50'40		-3907 Nov 13 j 13:49	0° Δ	
desc. node	-3908 Dec 11 j 11:59	0° \mathbb{M} 03'39		desc. node	-3907 Nov 28 j 08:58	19° Δ 57'07	
	-3908 Dec 11 j 10:57	0° \mathbb{M}			-3907 Dec 05 j 00:31	0° \mathbb{M}	
	-3908 Dec 30 j 15:32	0° \mathbb{A}		morning set	-3907 Dec 14 j 14:08	15° \mathbb{M} 26'58	
morning set	-3907 Jan 02 j 08:14	4° \mathbb{A} 42'23		max. Earth dist.	-3907 Dec 18 j 21:02	22° \mathbb{M} 47'11	1.39325 AU
max. Earth dist.	-3907 Jan 06 j 01:36	11° \mathbb{A} 25'30	1.37280 AU		-3907 Dec 22 j 22:35	0° \mathbb{A}	
superior conj	-3907 Jan 12 j 13:15	23° \mathbb{A} 43'48	-1°45'07	superior conj	-3907 Dec 26 j 10:37	6° \mathbb{A} 25'14	-1°54'07
minimum elong	-3907 Jan 12 j 15:57	23° \mathbb{A} 56'57	1°45'04	minimum elong	-3907 Dec 26 j 11:35	6° \mathbb{A} 29'44	1°54'14
	-3907 Jan 15 j 17:29	0° Ξ		evening rise	-3906 Jan 04 j 17:04	24° \mathbb{A} 07'38	
evening rise	-3907 Jan 20 j 22:46	10° Ξ 27'37			-3906 Jan 07 j 18:35	0° Ξ	
asc. node	-3907 Jan 26 j 00:39	20° Ξ 21'00		asc. node	-3906 Jan 12 j 21:42	9° Ξ 17'14	
	-3907 Jan 31 j 15:27	0° \approx		evening max el	-3906 Jan 21 j 01:17	20° Ξ 25'59	18°37'25
evening max el	-3907 Feb 07 j 00:16	7° \approx 59'28	19°21'48	retrograde	-3906 Jan 28 j 20:38	24° Ξ 13'35	
retrograde	-3907 Feb 16 j 02:40	12° \approx 19'17		evening set	-3906 Jan 31 j 08:16	23° Ξ 51'56	
evening set	-3907 Feb 18 j 10:52	12° \approx 03'21		inferior conj	-3906 Feb 07 j 21:49	19° Ξ 25'09	3°39'40
inferior conj	-3907 Feb 26 j 17:30	7° \approx 55'13	2°42'57	minimum elong	-3906 Feb 08 j 01:14	19° Ξ 18'33	3°39'00
minimum elong	-3907 Feb 26 j 22:31	7° \approx 46'54	2°41'32	min. Earth dist.	-3906 Feb 11 j 06:36	16° Ξ 50'57	0.58302 AU
min. Earth dist.	-3907 Mar 01 j 13:33	6° \approx 03'05	0.56563 AU	morning rise	-3906 Feb 15 j 15:49	14° Ξ 07'23	
morning rise	-3907 Mar 07 j 07:26	3° \approx 04'23		direct	-3906 Feb 21 j 14:02	12° Ξ 39'31	
desc. node	-3907 Mar 09 j 11:08	2° \approx 28'28		desc. node	-3906 Feb 24 j 08:15	12° Ξ 58'23	
direct	-3907 Mar 12 j 00:54	2° \approx 13'02		morning max el	-3906 Mar 07 j 20:18	20° Ξ 09'42	26°22'02
morning max el	-3907 Mar 26 j 03:55	9° \approx 24'54	24°57'11		-3906 Mar 16 j 06:44	0° \approx	
	-3907 Apr 10 j 12:27	0° \mathbb{H}			-3906 Apr 03 j 00:52	0° \mathbb{H}	
morning set	-3907 Apr 21 j 07:27	20° \mathbb{H} 39'09		morning set	-3906 Apr 05 j 18:48	5° \mathbb{H} 38'45	
asc. node	-3907 Apr 24 j 00:14	26° \mathbb{H} 24'06		asc. node	-3906 Apr 10 j 21:15	16° \mathbb{H} 35'47	
	-3907 Apr 25 j 16:09	0° Υ					
				superior conj	-3906 Apr 12 j 19:16	20° \mathbb{H} 47'29	0°19'56
superior conj	-3907 Apr 28 j 07:50	5° Υ 46'05	0°43'37	minimum elong	-3906 Apr 12 j 18:24	20° \mathbb{H} 42'42	0°19'43
minimum elong	-3907 Apr 28 j 06:01	5° Υ 36'16	0°43'17	max. Earth dist.	-3906 Apr 13 j 02:20	21° \mathbb{H} 26'06	1.32639 AU
max. Earth dist.	-3907 Apr 29 j 13:54	8° Υ 29'00	1.33041 AU		-3906 Apr 17 j 01:00	0° Υ	
evening rise	-3907 May 05 j 13:40	21° Υ 07'15		evening rise	-3906 Apr 19 j 20:06	5° Υ 54'44	
	-3907 May 10 j 01:22	0° \mathbb{B}			-3906 May 02 j 16:42	0° \mathbb{B}	
	-3907 May 28 j 12:25	0° Π		evening max el	-3906 May 19 j 23:36	22° \mathbb{B} 52'47	26°45'34
desc. node	-3907 Jun 05 j 09:53	9° Π 20'07		desc. node	-3906 May 23 j 06:59	25° \mathbb{B} 45'09	
evening max el	-3907 Jun 06 j 19:56	10° Π 44'21	27°20'16		-3906 May 31 j 18:52	0° Π	
retrograde	-3907 Jun 20 j 16:35	18° Π 07'56		retrograde	-3906 Jun 03 j 00:27	0° Π 12'42	
evening set	-3907 Jun 27 j 18:59	15° Π 41'30			-3906 Jun 05 j 05:18	30° \mathbb{R} \mathbb{B}	
min. Earth dist.	-3907 Jul 01 j 09:06	12° Π 46'53	0.62380 AU	evening set	-3906 Jun 09 j 15:47	28° \mathbb{B} 17'32	
inferior conj	-3907 Jul 04 j 08:30	9° Π 57'11	-4°05'53	min. Earth dist.	-3906 Jun 13 j 13:06	25° \mathbb{B} 35'38	0.60394 AU
minimum elong	-3907 Jul 04 j 11:20	9° Π 50'28	4°05'23	inferior conj	-3906 Jun 16 j 21:04	22° \mathbb{B} 49'25	-4°19'36
morning rise	-3907 Jul 11 j 04:57	4° Π 53'05		minimum elong	-3906 Jun 16 j 21:33	22° \mathbb{B} 48'26	4°19'27
direct	-3907 Jul 13 j 19:03	4° Π 22'55		morning rise	-3906 Jun 24 j 05:15	18° \mathbb{B} 06'31	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

direct	-3906 Jun 26 j 17:56	17° B 41'55		evening set	-3905 May 21 j 15:03	10° B 14'34	
morning max el	-3906 Jul 04 j 00:14	21° B 14'18	18°10'20	min. Earth dist.	-3905 May 26 j 09:12	7° B 28'44	0.58369 AU
asc. node	-3906 Jul 07 j 20:49	25° B 45'52		inferior conj	-3905 May 29 j 15:51	5° B 07'27	-4°07'30
	-3906 Jul 10 j 17:11	0° II		minimum elong	-3905 May 29 j 12:49	5° B 12'57	4°07'05
morning set	-3906 Jul 20 j 00:17	16° II 33'55		morning rise	-3905 Jun 06 j 13:19	0° B 46'09	
	-3906 Jul 27 j 05:38	0° E		direct	-3905 Jun 09 j 01:21	0° B 26'05	
				morning max el	-3905 Jun 17 j 06:34	4° B 18'40	18°44'04
superior conj	-3906 Jul 29 j 18:58	4° E 37'54	1°44'25	asc. node	-3905 Jun 24 j 17:50	14° B 04'18	
minimum elong	-3906 Jul 29 j 21:29	4° E 49'11	1°44'28		-3905 Jul 03 j 11:10	0° II	
max. Earth dist.	-3906 Aug 06 j 08:18	17° E 47'59	1.41229 AU	morning set	-3905 Jul 03 j 16:27	0° II 25'42	
evening rise	-3906 Aug 11 j 16:17	26° E 37'34					
	-3906 Aug 13 j 18:37	0° O		superior conj	-3905 Jul 12 j 10:50	17° II 22'10	1°49'10
desc. node	-3906 Aug 19 j 06:09	8° O 34'47		minimum elong	-3905 Jul 12 j 10:49	17° II 22'05	1°49'19
	-3906 Sep 02 j 23:36	0° P			-3905 Jul 19 j 08:21	0° E	
evening max el	-3906 Sep 14 j 08:59	13° P 53'32	22°45'17	max. Earth dist.	-3905 Jul 19 j 11:10	0° E 12'29	1.39290 AU
retrograde	-3906 Sep 24 j 05:40	19° P 44'24		evening rise	-3905 Jul 23 j 12:46	7° E 16'15	
evening set	-3906 Sep 28 j 22:52	17° P 48'33		desc. node	-3905 Aug 06 j 03:09	29° E 00'21	
asc. node	-3906 Oct 03 j 19:51	12° P 06'54			-3905 Aug 06 j 19:07	0° O	
inferior conj	-3906 Oct 04 j 06:15	11° P 31'01	0°08'55	evening max el	-3905 Aug 27 j 21:14	27° O 21'02	24°05'59
minimum elong	-3906 Oct 04 j 06:03	11° P 31'45	0°08'53		-3905 Aug 30 j 18:30	0° P	
transit middle	-3906 Oct 04 j 06:03	11° P 31'45	0°08'53	retrograde	-3905 Sep 07 j 20:39	3° P 48'24	
transit begin	-3906 Oct 04 j 03:47	11° P 39'34		evening set	-3905 Sep 13 j 04:33	1° P 32'54	
transit end	-3906 Oct 04 j 08:18	11° P 23'56			-3905 Sep 14 j 18:22	30° R 0	
min. Earth dist.	-3906 Oct 04 j 03:12	11° P 41'35	0.67438 AU	min. Earth dist.	-3905 Sep 17 j 23:02	25° O 59'36	0.67318 AU
morning rise	-3906 Oct 09 j 13:06	5° P 17'59		inferior conj	-3905 Sep 18 j 12:27	25° O 14'08	-0°44'41
direct	-3906 Oct 13 j 23:21	3° P 31'28		minimum elong	-3905 Sep 18 j 13:30	25° O 10'34	0°44'08
morning max el	-3906 Oct 23 j 03:56	8° P 58'46	21°59'40	asc. node	-3905 Sep 20 j 16:57	22° O 22'03	
	-3906 Nov 08 j 09:19	0° A		morning rise	-3905 Sep 23 j 22:26	19° O 06'22	
desc. node	-3906 Nov 15 j 05:56	10° A 10'26		direct	-3905 Sep 27 j 19:43	17° O 40'20	
morning set	-3906 Nov 24 j 15:16	24° A 47'43		morning max el	-3905 Oct 05 j 23:20	22° O 26'43	20°42'15
	-3906 Nov 27 j 20:27	0° M			-3905 Oct 12 j 07:05	0° P	
max. Earth dist.	-3906 Nov 30 j 20:21	4° M 56'56	1.41363 AU		-3905 Nov 01 j 17:08	0° A	
				desc. node	-3905 Nov 02 j 02:54	0° A 37'43	
superior conj	-3906 Dec 08 j 12:40	18° M 07'25	-1°52'27	morning set	-3905 Nov 03 j 17:51	3° A 08'40	
minimum elong	-3906 Dec 08 j 10:27	17° M 57'41	1°52'30	max. Earth dist.	-3905 Nov 13 j 03:11	18° A 01'19	1.43095 AU
	-3906 Dec 15 j 02:51	0° X					
evening rise	-3906 Dec 19 j 00:21	7° X 11'43		superior conj	-3905 Nov 19 j 13:45	28° A 36'45	-1°36'20
asc. node	-3906 Dec 30 j 18:46	27° X 37'08		minimum elong	-3905 Nov 19 j 07:53	28° A 12'13	1°35'56
	-3905 Jan 01 j 12:06	0° Z			-3905 Nov 20 j 09:37	0° M	
evening max el	-3905 Jan 04 j 09:01	3° Z 17'53	18°13'07	evening rise	-3905 Dec 01 j 16:41	19° M 31'48	
retrograde	-3905 Jan 11 j 08:46	6° Z 49'05			-3905 Dec 07 j 15:40	0° X	
evening set	-3905 Jan 13 j 23:26	6° Z 20'28		asc. node	-3905 Dec 17 j 15:50	15° X 09'42	
inferior conj	-3905 Jan 20 j 22:14	1° Z 31'51	4°01'43	evening max el	-3905 Dec 18 j 20:37	16° X 27'06	18°08'30
minimum elong	-3905 Jan 20 j 22:51	1° Z 30'28	4°01'32	retrograde	-3905 Dec 25 j 11:05	19° X 55'25	
	-3905 Jan 22 j 15:08	30° R 0		evening set	-3905 Dec 28 j 04:49	19° X 18'56	
min. Earth dist.	-3905 Jan 24 j 04:36	28° X 38'08	0.60301 AU	inferior conj	-3904 Jan 03 j 15:45	14° X 09'09	3°57'47
morning rise	-3905 Jan 27 j 20:40	25° X 54'25		minimum elong	-3904 Jan 03 j 14:06	14° X 13'20	3°57'30
direct	-3905 Feb 03 j 14:19	23° X 48'23		min. Earth dist.	-3904 Jan 06 j 10:59	11° X 18'46	0.62249 AU
desc. node	-3905 Feb 11 j 05:20	26° X 13'48		morning rise	-3904 Jan 09 j 22:27	8° X 17'50	
	-3905 Feb 16 j 04:57	0° Z		direct	-3904 Jan 16 j 23:45	5° X 42'41	
morning max el	-3905 Feb 17 j 18:16	1° Z 27'24	27°19'49	desc. node	-3904 Jan 29 j 02:24	11° X 43'05	
	-3905 Mar 10 j 09:57	0° A		morning max el	-3904 Jan 30 j 22:35	13° X 26'41	27°42'36
morning set	-3905 Mar 21 j 03:28	20° A 28'47			-3904 Feb 13 j 06:48	0° Z	
	-3905 Mar 25 j 15:07	0° X			-3904 Mar 01 j 18:53	0° A	
max. Earth dist.	-3905 Mar 27 j 15:43	4° X 24'21	1.32578 AU	morning set	-3904 Mar 04 j 07:23	5° A 02'12	
				max. Earth dist.	-3904 Mar 10 j 02:10	17° A 09'51	1.32867 AU
superior conj	-3905 Mar 28 j 06:54	5° X 47'22	-0°04'57				
minimum elong	-3905 Mar 28 j 07:07	5° X 48'36	0°04'59	superior conj	-3904 Mar 11 j 17:06	20° A 40'06	-0°30'05
behind sun begin	-3905 Mar 28 j 02:20	5° X 22'24		minimum elong	-3904 Mar 11 j 18:27	20° A 47'25	0°29'55
behind sun end	-3905 Mar 28 j 11:55	6° X 14'48		asc. node	-3904 Mar 14 j 15:11	27° A 00'39	
asc. node	-3905 Mar 28 j 18:13	6° X 49'15			-3904 Mar 16 j 00:20	0° X	
evening rise	-3905 Apr 04 j 06:03	20° X 50'42		evening rise	-3904 Mar 18 j 17:35	5° X 48'18	
	-3905 Apr 08 j 18:04	0° Y			-3904 Mar 31 j 16:22	0° Y	
	-3905 Apr 27 j 19:34	0° B		evening max el	-3904 Apr 12 j 13:08	15° Y 09'58	24°13'47
evening max el	-3905 May 01 j 20:50	4° B 18'05	25°40'22	retrograde	-3904 Apr 26 j 09:40	22° Y 07'54	
desc. node	-3905 May 10 j 04:06	10° B 13'02		desc. node	-3904 Apr 26 j 01:11	22° Y 07'36	
retrograde	-3905 May 15 j 22:45	11° B 31'25		evening set	-3904 Apr 30 j 18:19	21° Y 25'21	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

min. Earth dist.	-3904 May 07 j 00:50	18° Υ 21'03	0.56610 AU			-3903 Apr 15 j 14:23	30° κ Υ	
inferior conj	-3904 May 09 j 14:32	16° Υ 44'13	-3°19'23	min. Earth dist.	-3903 Apr 18 j 15:10	28° Υ 21'14	0.55459 AU	
minimum elong	-3904 May 09 j 08:45	16° Υ 53'21	3°18'03	inferior conj	-3903 Apr 19 j 19:04	27° Υ 41'12	-1°51'08	
morning rise	-3904 May 18 j 02:18	12° Υ 40'38		minimum elong	-3903 Apr 19 j 14:19	27° Υ 48'02	1°49'38	
direct	-3904 May 20 j 13:52	12° Υ 24'09		morning rise	-3903 Apr 28 j 19:28	23° Υ 44'08		
morning max el	-3904 May 30 j 04:36	16° Υ 51'48	19°38'13	direct	-3903 May 01 j 09:08	23° Υ 28'44		
	-3904 Jun 08 j 21:59	0° δ		morning max el	-3903 May 12 j 16:12	28° Υ 45'31	20°52'08	
asc. node	-3904 Jun 10 j 14:50	3° δ 00'22			-3903 May 13 j 22:33	0° Υ		
morning set	-3904 Jun 16 j 17:06	14° δ 45'05		asc. node	-3903 May 28 j 11:50	22° Υ 24'39		
	-3904 Jun 24 j 07:13	0° Π		morning set	-3903 May 31 j 23:34	29° Υ 24'49		
					-3903 Jun 01 j 06:25	0° δ		
superior conj	-3904 Jun 24 j 18:27	0° Π 55'32	1°44'33					
minimum elong	-3904 Jun 24 j 16:43	0° Π 47'01	1°44'36	superior conj	-3903 Jun 08 j 13:14	15° δ 04'36	1°33'03	
max. Earth dist.	-3904 Jun 30 j 13:31	12° Π 04'15	1.37378 AU	minimum elong	-3903 Jun 08 j 10:41	14° δ 51'32	1°32'55	
evening rise	-3904 Jul 04 j 10:26	19° Π 09'19		max. Earth dist.	-3903 Jun 12 j 21:46	23° δ 50'35	1.35707 AU	
	-3904 Jul 10 j 16:56	0° δ			-3903 Jun 16 j 02:04	0° Π		
desc. node	-3904 Jul 23 j 00:09	19° δ 09'49		evening rise	-3903 Jun 17 j 04:31	2° Π 04'52		
	-3904 Jul 30 j 21:53	0° δ			-3903 Jul 03 j 16:46	0° δ		
evening max el	-3904 Aug 09 j 07:50	10° δ 51'02	25°22'18	desc. node	-3903 Jul 09 j 21:11	8° δ 56'02		
retrograde	-3904 Aug 21 j 07:34	17° δ 47'40		evening max el	-3903 Jul 22 j 18:47	24° δ 21'40	26°26'09	
evening set	-3904 Aug 27 j 06:24	15° δ 14'45			-3903 Jul 30 j 00:37	0° δ		
min. Earth dist.	-3904 Aug 31 j 16:03	10° δ 17'42	0.66878 AU	retrograde	-3903 Aug 04 j 13:44	1° δ 36'32		
inferior conj	-3904 Sep 01 j 16:32	8° δ 57'58	-1°37'27		-3903 Aug 09 j 14:12	30° κ δ		
minimum elong	-3904 Sep 01 j 18:48	8° δ 50'37	1°36'26	evening set	-3903 Aug 11 j 02:20	28° δ 51'46		
asc. node	-3904 Sep 06 j 14:03	3° δ 29'54		min. Earth dist.	-3903 Aug 15 j 03:58	24° δ 32'43	0.66093 AU	
morning rise	-3904 Sep 07 j 07:17	2° δ 58'31		inferior conj	-3903 Aug 16 j 16:39	22° δ 40'19	-2°27'35	
direct	-3904 Sep 10 j 17:41	1° δ 50'12		minimum elong	-3903 Aug 16 j 19:54	22° δ 30'21	2°26'19	
morning max el	-3904 Sep 18 j 02:02	6° δ 03'28	19°37'07	morning rise	-3903 Aug 22 j 13:43	16° δ 52'12		
	-3904 Oct 05 j 07:38	0° η		asc. node	-3903 Aug 24 j 11:09	16° δ 06'15		
morning set	-3904 Oct 12 j 18:01	11° η 29'51		direct	-3903 Aug 25 j 15:36	15° δ 58'16		
desc. node	-3904 Oct 18 j 23:50	21° η 14'08		morning max el	-3903 Sep 01 j 10:59	19° δ 46'56	18°46'59	
	-3904 Oct 24 j 13:30	0° δ			-3903 Sep 09 j 07:14	0° δ		
max. Earth dist.	-3904 Oct 25 j 16:22	1° δ 46'25	1.44295 AU	morning set	-3903 Sep 22 j 13:24	20° δ 50'45		
					-3903 Sep 28 j 07:28	0° η		
superior conj	-3904 Oct 29 j 11:20	7° δ 49'09	-1°03'25	desc. node	-3903 Oct 05 j 20:47	11° η 56'22		
minimum elong	-3904 Oct 29 j 04:34	7° δ 22'02	1°02'39					
	-3904 Nov 11 j 23:36	0° Π		superior conj	-3903 Oct 08 j 13:23	16° η 10'51	-0°17'02	
evening rise	-3904 Nov 12 j 13:24	0° Π 57'52		minimum elong	-3903 Oct 08 j 11:09	16° η 02'01	0°16'42	
evening max el	-3904 Dec 01 j 09:15	29° Π 46'23	18°22'48	max. Earth dist.	-3903 Oct 08 j 09:21	15° η 54'55	1.44820 AU	
	-3904 Dec 01 j 14:39	0° δ			-3903 Oct 17 j 07:19	0° δ		
asc. node	-3904 Dec 03 j 12:55	1° δ 40'47		evening rise	-3903 Oct 24 j 10:17	11° δ 21'56		
retrograde	-3904 Dec 07 j 23:02	3° δ 22'32			-3903 Nov 05 j 03:00	0° Π		
evening set	-3904 Dec 10 j 20:47	2° δ 36'56		evening max el	-3903 Nov 14 j 20:26	13° Π 11'33	18°54'55	
	-3904 Dec 14 j 06:31	30° κ Π		asc. node	-3903 Nov 20 j 10:01	16° Π 55'27		
inferior conj	-3904 Dec 16 j 22:26	27° Π 08'06	3°35'49	retrograde	-3903 Nov 21 j 16:49	17° Π 04'40		
minimum elong	-3904 Dec 16 j 19:35	27° Π 16'13	3°35'10	evening set	-3903 Nov 24 j 20:19	16° Π 07'56		
min. Earth dist.	-3904 Dec 19 j 03:19	24° Π 38'34	0.63959 AU	inferior conj	-3903 Nov 30 j 14:52	10° Π 22'43	3°01'39	
morning rise	-3904 Dec 22 j 17:49	21° Π 06'52		minimum elong	-3903 Nov 30 j 11:42	10° Π 32'27	3°00'41	
direct	-3904 Dec 29 j 16:59	18° Π 17'01		min. Earth dist.	-3903 Dec 02 j 05:15	8° Π 24'33	0.65334 AU	
morning max el	-3903 Jan 12 j 06:57	26° Π 00'42	27°29'24	morning rise	-3903 Dec 06 j 02:45	4° Π 14'28		
desc. node	-3903 Jan 14 j 23:27	28° Π 49'31		direct	-3903 Dec 12 j 16:47	1° Π 24'34		
	-3903 Jan 16 j 00:35	0° δ		morning max el	-3903 Dec 25 j 16:34	8° Π 58'03	26°44'47	
	-3903 Feb 05 j 18:48	0° δ		desc. node	-3902 Jan 01 j 20:30	17° Π 05'12		
morning set	-3903 Feb 16 j 03:55	19° δ 08'54			-3902 Jan 11 j 06:26	0° δ		
max. Earth dist.	-3903 Feb 21 j 05:29	29° δ 27'19	1.33543 AU		-3902 Jan 29 j 04:09	0° δ		
	-3903 Feb 21 j 11:44	0° \approx		morning set	-3902 Jan 30 j 13:37	2° δ 38'05		
				max. Earth dist.	-3902 Feb 03 j 22:13	11° δ 09'04	1.34656 AU	
superior conj	-3903 Feb 24 j 00:03	5° \approx 18'31	-0°54'36					
minimum elong	-3903 Feb 24 j 02:24	5° \approx 31'04	0°54'19	superior conj	-3902 Feb 08 j 01:40	19° δ 36'06	-1°17'16	
asc. node	-3903 Mar 01 j 12:11	17° \approx 05'00		minimum elong	-3902 Feb 08 j 04:42	19° δ 51'49	1°16'58	
evening rise	-3903 Mar 03 j 04:53	20° \approx 40'00			-3902 Feb 13 j 00:53	0° \approx		
	-3903 Mar 07 j 19:11	0° Υ		evening rise	-3902 Feb 15 j 14:13	5° \approx 20'05		
evening max el	-3903 Mar 25 j 05:55	25° Υ 52'20	22°39'33	asc. node	-3902 Feb 16 j 09:12	6° \approx 57'57		
	-3903 Mar 30 j 14:02	0° Υ			-3902 Mar 01 j 08:49	0° Υ		
retrograde	-3903 Apr 07 j 08:16	2° Υ 17'10		evening max el	-3902 Mar 07 j 05:25	6° Υ 52'16	21°10'45	
evening set	-3903 Apr 10 j 11:11	1° Υ 55'47		retrograde	-3902 Mar 18 j 22:05	12° Υ 27'53		
desc. node	-3903 Apr 12 j 22:18	1° Υ 11'00		evening set	-3902 Mar 21 j 08:39	12° Υ 14'09		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

inferior conj	-3902 Mar 30 j 14:31	8° H 15'23	0°03'25	evening max el	-3901 Feb 17 j 15:03	18° \approx 25'22	19°56'17
minimum elong	-3902 Mar 30 j 14:40	8° H 15'10	0°03'18	retrograde	-3901 Feb 27 j 15:02	23° \approx 10'04	
transit middle	-3902 Mar 30 j 14:40	8° H 15'10	0°03'18	evening set	-3901 Mar 01 j 22:23	22° \approx 56'04	
transit begin	-3902 Mar 30 j 10:40	8° H 20'50		inferior conj	-3901 Mar 10 j 14:52	18° \approx 55'07	1°53'04
transit end	-3902 Mar 30 j 18:41	8° H 09'29		minimum elong	-3901 Mar 10 j 19:14	18° \approx 48'23	1°51'37
desc. node	-3902 Mar 30 j 19:26	8° H 08'25		min. Earth dist.	-3901 Mar 12 j 19:32	17° \approx 34'34	0.55826 AU
min. Earth dist.	-3902 Mar 31 j 05:21	7° H 54'23	0.55178 AU	desc. node	-3901 Mar 17 j 16:35	15° \approx 02'10	
morning rise	-3902 Apr 08 j 20:18	4° H 07'58		morning rise	-3901 Mar 19 j 13:56	14° \approx 22'22	
direct	-3902 Apr 11 j 21:19	3° H 47'44		direct	-3901 Mar 23 j 14:28	13° \approx 46'37	
morning max el	-3902 Apr 24 j 17:02	9° H 57'47	22°22'27	morning max el	-3901 Apr 06 j 10:02	20° \approx 39'54	24°01'24
	-3902 May 09 j 02:37	0° Y			-3901 Apr 14 j 08:52	0° H	
asc. node	-3902 May 15 j 08:49	12° Y 09'41		morning set	-3901 Apr 30 j 21:45	29° H 20'11	
morning set	-3902 May 16 j 09:43	14° Y 18'26			-3901 May 01 j 05:20	0° Y	
				asc. node	-3901 May 02 j 05:50	2° Y 09'35	
superior conj	-3902 May 23 j 15:43	29° Y 38'39	1°16'32	superior conj	-3901 May 07 j 23:21	14° Y 29'37	0°56'25
minimum elong	-3902 May 23 j 13:04	29° Y 24'38	1°16'14	minimum elong	-3901 May 07 j 21:07	14° Y 17'36	0°56'03
	-3902 May 23 j 19:46	0° B		max. Earth dist.	-3901 May 09 j 19:52	18° Y 28'20	1.33434 AU
max. Earth dist.	-3902 May 26 j 16:00	5° B 56'01	1.34387 AU	evening rise	-3901 May 15 j 09:49	0° B 04'30	
evening rise	-3902 May 31 j 13:45	15° B 47'36			-3901 May 15 j 08:56	0° B	
	-3902 Jun 08 j 05:45	0° II		desc. node	-3901 Jun 01 j 06:44	0° II	
desc. node	-3902 Jun 26 j 18:14	28° II 08'43			-3901 Jun 13 j 15:19	16° II 33'48	
	-3902 Jun 28 j 05:50	0° E		evening max el	-3901 Jun 17 j 16:40	20° II 48'43	27°25'19
evening max el	-3902 Jul 05 j 06:19	7° E 44'55	27°09'28	retrograde	-3901 Jul 01 j 09:20	28° II 12'08	
retrograde	-3902 Jul 18 j 14:32	15° E 07'18		evening set	-3901 Jul 08 j 13:13	25° II 33'55	
evening set	-3902 Jul 25 j 13:41	12° E 19'45		min. Earth dist.	-3901 Jul 12 j 03:36	22° II 25'11	0.63421 AU
min. Earth dist.	-3902 Jul 29 j 08:27	8° E 38'14	0.64942 AU	inferior conj	-3901 Jul 14 j 19:40	19° II 42'17	-3°49'58
inferior conj	-3902 Jul 31 j 10:34	6° E 16'47	-3°12'49	minimum elong	-3901 Jul 14 j 23:11	19° II 33'19	3°49'09
minimum elong	-3902 Jul 31 j 14:21	6° E 06'04	3°11'38	morning rise	-3901 Jul 21 j 10:01	14° II 26'37	
morning rise	-3902 Aug 06 j 15:30	0° E 43'16		direct	-3901 Jul 24 j 01:45	13° II 52'21	
direct	-3902 Aug 09 j 11:15	0° E 00'29		asc. node	-3901 Jul 29 j 05:19	16° II 00'45	
asc. node	-3902 Aug 11 j 08:14	0° E 19'16		morning max el	-3901 Jul 30 j 15:03	17° II 16'44	17°57'28
morning max el	-3902 Aug 16 j 00:08	3° E 32'47	18°13'25		-3901 Aug 08 j 17:31	0° E	
	-3902 Sep 02 j 14:18	0° Ω		morning set	-3901 Aug 16 j 11:56	13° E 22'55	
morning set	-3902 Sep 03 j 12:10	1° Ω 31'03			-3901 Aug 26 j 04:03	0° Ω	
superior conj	-3902 Sep 17 j 16:20	24° Ω 39'14	0°31'49	superior conj	-3901 Aug 28 j 16:17	4° Ω 11'15	1°11'18
minimum elong	-3902 Sep 17 j 20:07	24° Ω 54'21	0°31'26	minimum elong	-3901 Aug 28 j 22:04	4° Ω 35'13	1°10'49
max. Earth dist.	-3902 Sep 21 j 03:25	0° H 09'23	1.44618 AU	max. Earth dist.	-3901 Sep 03 j 19:19	14° Ω 11'09	1.43722 AU
	-3902 Sep 21 j 01:02	0° H		desc. node	-3901 Sep 09 j 14:42	23° Ω 24'23	
desc. node	-3902 Sep 22 j 17:44	2° H 40'45		evening rise	-3901 Sep 13 j 11:59	29° Ω 27'46	
evening rise	-3902 Oct 04 j 06:47	20° H 43'49			-3901 Sep 13 j 20:20	0° H	
	-3902 Oct 10 j 06:18	0° $\underline{\text{A}}$			-3901 Oct 04 j 01:41	0° $\underline{\text{A}}$	
greatest brilliancy	-3902 Oct 16 j 14:40	9° $\underline{\text{A}}$ 43'02	-0.7m	evening max el	-3901 Oct 12 j 05:36	10° $\underline{\text{A}}$ 04'31	20°46'04
evening max el	-3902 Oct 29 j 03:50	26° $\underline{\text{A}}$ 38'26	19°43'24	retrograde	-3901 Oct 20 j 10:40	14° $\underline{\text{A}}$ 55'40	
	-3902 Nov 02 j 06:53	0° M		evening set	-3901 Oct 24 j 07:58	13° $\underline{\text{A}}$ 29'08	
retrograde	-3902 Nov 05 j 13:29	0° M 56'47		asc. node	-3901 Oct 25 j 04:18	12° $\underline{\text{A}}$ 47'15	
asc. node	-3902 Nov 07 j 07:09	0° M 39'18		inferior conj	-3901 Oct 29 j 17:43	7° $\underline{\text{A}}$ 20'17	1°31'04
	-3902 Nov 08 j 16:20	30° R $\underline{\text{A}}$		minimum elong	-3901 Oct 29 j 15:43	7° $\underline{\text{A}}$ 27'03	1°30'16
evening set	-3902 Nov 09 j 00:47	29° $\underline{\text{A}}$ 46'26		min. Earth dist.	-3901 Oct 30 j 07:04	6° $\underline{\text{A}}$ 34'50	0.67010 AU
inferior conj	-3902 Nov 14 j 14:05	23° $\underline{\text{A}}$ 47'48	2°19'09	morning rise	-3901 Nov 03 j 23:18	1° $\underline{\text{A}}$ 05'11	
minimum elong	-3902 Nov 14 j 11:17	23° $\underline{\text{A}}$ 56'57	2°18'08		-3901 Nov 05 j 09:29	30° R H	
min. Earth dist.	-3902 Nov 15 j 15:12	22° $\underline{\text{A}}$ 25'34	0.66345 AU	direct	-3901 Nov 09 j 08:46	28° H 45'12	
morning rise	-3902 Nov 19 j 21:34	17° $\underline{\text{A}}$ 34'56			-3901 Nov 13 j 17:43	0° $\underline{\text{A}}$	
direct	-3902 Nov 25 j 22:15	14° $\underline{\text{A}}$ 56'30		morning max el	-3901 Nov 20 j 10:22	5° $\underline{\text{A}}$ 21'05	24°14'41
morning max el	-3902 Dec 08 j 01:39	22° $\underline{\text{A}}$ 07'11	25°36'45	desc. node	-3901 Dec 06 j 14:32	25° $\underline{\text{A}}$ 47'45	
	-3902 Dec 15 j 00:16	0° M			-3901 Dec 09 j 11:45	0° M	
desc. node	-3902 Dec 19 j 17:32	6° M 09'23		morning set	-3901 Dec 26 j 04:52	26° M 46'25	
	-3901 Jan 04 j 12:50	0° J			-3901 Dec 28 j 01:11	0° J	
morning set	-3901 Jan 13 j 07:54	15° J 16'04		max. Earth dist.	-3901 Dec 30 j 00:49	3° J 31'53	1.38133 AU
max. Earth dist.	-3901 Jan 17 j 03:28	22° J 22'01	1.36215 AU				
	-3901 Jan 21 j 02:03	0° Z		superior conj	-3900 Jan 06 j 01:20	16° J 34'12	-1°50'00
superior conj	-3901 Jan 22 j 19:17	3° Z 24'51	-1°36'27	minimum elong	-3900 Jan 06 j 03:28	16° J 44'27	1°50'03
minimum elong	-3901 Jan 22 j 22:23	3° Z 40'20	1°36'18		-3900 Jan 12 j 22:13	0° Z	
evening rise	-3901 Jan 30 j 19:39	19° Z 42'35		evening rise	-3900 Jan 14 j 18:51	3° Z 40'25	
asc. node	-3901 Feb 03 j 06:15	26° Z 34'25		asc. node	-3900 Jan 21 j 03:19	15° Z 47'41	
	-3901 Feb 05 j 01:10	0° \approx			-3900 Jan 30 j 21:20	0° \approx	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-3900 Jan 31 j 10:52	0°≈33'24	19°00'25	asc. node	-3899 Jan 07 j 00:23	4°≈30'05	
retrograde	-3900 Feb 08 j 22:46	4°≈37'54		evening max el	-3899 Jan 13 j 15:03	13°≈11'47	18°24'38
evening set	-3900 Feb 11 j 08:23	4°≈19'45		retrograde	-3899 Jan 21 j 00:58	16°≈51'02	
inferior conj	-3900 Feb 19 j 07:31	0°≈03'56	3°11'41	evening set	-3899 Jan 23 j 13:45	16°≈26'41	
minimum elong	-3900 Feb 19 j 12:11	29°≈55'42	3°10'32	inferior conj	-3899 Jan 30 j 20:42	11°≈50'46	3°52'45
	-3900 Feb 19 j 09:45	30°≈		minimum elong	-3899 Jan 30 j 22:56	11°≈46'08	3°52'23
min. Earth dist.	-3900 Feb 22 j 10:54	27°≈51'53	0.57246 AU	min. Earth dist.	-3899 Feb 03 j 05:55	9°≈05'08	0.59132 AU
morning rise	-3900 Feb 27 j 13:21	25°≈00'57		morning rise	-3899 Feb 07 j 06:00	6°≈23'22	
direct	-3900 Mar 03 j 19:32	23°≈55'28		direct	-3899 Feb 13 j 13:37	4°≈38'50	
desc. node	-3900 Mar 03 j 13:43	23°≈55'36		desc. node	-3899 Feb 18 j 10:50	5°≈38'27	
	-3900 Mar 16 j 16:11	0°≈		morning max el	-3899 Feb 27 j 19:48	12°≈14'14	26°50'30
morning max el	-3900 Mar 18 j 01:05	1°≈16'09	25°35'52		-3899 Mar 13 j 18:36	0°≈	
	-3900 Apr 07 j 03:55	0°≈		morning set	-3899 Mar 29 j 20:19	29°≈19'19	
morning set	-3900 Apr 14 j 09:52	14°≈22'36			-3899 Mar 30 j 04:06	0°≈	
asc. node	-3900 Apr 18 j 02:50	22°≈18'17		asc. node	-3899 Apr 04 j 23:49	12°≈31'23	
superior conj	-3900 Apr 21 j 09:55	29°≈29'06	0°33'47	superior conj	-3899 Apr 05 j 21:39	14°≈30'49	0°09'31
minimum elong	-3900 Apr 21 j 08:29	29°≈21'15	0°33'28	minimum elong	-3899 Apr 05 j 21:14	14°≈28'31	0°09'21
	-3900 Apr 21 j 15:35	0°≈		behind sun begin	-3899 Apr 05 j 17:11	14°≈06'21	
max. Earth dist.	-3900 Apr 22 j 06:11	1°≈19'31	1.32832 AU	behind sun end	-3899 Apr 06 j 01:17	14°≈50'42	
evening rise	-3900 Apr 28 j 13:13	14°≈43'15		max. Earth dist.	-3899 Apr 05 j 19:24	14°≈18'29	1.32572 AU
	-3900 May 06 j 09:56	0°≈		evening rise	-3899 Apr 12 j 21:23	29°≈35'09	
	-3900 May 26 j 17:57	0°≈			-3899 Apr 13 j 02:09	0°≈	
evening max el	-3900 May 29 j 23:12	3°≈19'11	27°09'21		-3899 Apr 29 j 17:55	0°≈	
desc. node	-3900 May 30 j 12:24	3°≈50'19		evening max el	-3899 May 11 j 23:55	15°≈08'19	26°21'00
retrograde	-3900 Jun 12 j 21:34	10°≈41'18		desc. node	-3899 May 17 j 09:31	19°≈29'58	
evening set	-3900 Jun 19 j 20:58	8°≈26'27		retrograde	-3899 May 26 j 01:57	22°≈26'52	
min. Earth dist.	-3900 Jun 23 j 12:40	5°≈39'32	0.61564 AU	evening set	-3899 Jun 01 j 08:52	20°≈47'27	
inferior conj	-3900 Jun 26 j 16:42	2°≈48'45	-4°14'14	min. Earth dist.	-3899 Jun 05 j 12:56	18°≈05'54	0.59524 AU
minimum elong	-3900 Jun 26 j 18:42	2°≈44'14	4°13'54	inferior conj	-3899 Jun 08 j 22:04	15°≈27'17	-4°18'13
	-3900 Jun 30 j 00:46	30°≈		minimum elong	-3899 Jun 08 j 21:07	15°≈29'08	4°18'05
morning rise	-3900 Jul 03 j 17:59	27°≈53'45		morning rise	-3899 Jun 16 j 11:46	10°≈54'00	
direct	-3900 Jul 06 j 07:27	27°≈26'03		direct	-3899 Jun 18 j 24:00	10°≈31'34	
	-3900 Jul 12 j 06:02	0°≈		morning max el	-3899 Jun 26 j 14:56	14°≈10'54	18°22'11
morning max el	-3900 Jul 13 j 04:57	0°≈52'09	18°00'06	asc. node	-3899 Jul 01 j 23:25	20°≈46'51	
asc. node	-3900 Jul 15 j 02:23	2°≈55'06			-3899 Jul 07 j 12:14	0°≈	
morning set	-3900 Jul 29 j 07:14	26°≈11'17		morning set	-3899 Jul 12 j 16:59	9°≈42'55	
	-3900 Jul 31 j 09:18	0°≈		superior conj	-3899 Jul 22 j 00:20	27°≈15'29	1°47'45
superior conj	-3900 Aug 08 j 20:01	15°≈06'22	1°36'22	minimum elong	-3899 Jul 22 j 01:42	27°≈21'45	1°47'52
minimum elong	-3900 Aug 09 j 00:06	15°≈24'09	1°36'14		-3899 Jul 23 j 12:25	0°≈	
max. Earth dist.	-3900 Aug 16 j 05:58	27°≈41'23	1.42250 AU	max. Earth dist.	-3899 Jul 29 j 10:37	10°≈28'18	1.40412 AU
	-3900 Aug 17 j 15:40	0°≈		evening rise	-3899 Aug 03 j 02:07	18°≈18'39	
evening rise	-3900 Aug 22 j 20:43	8°≈23'29			-3899 Aug 10 j 08:53	0°≈	
desc. node	-3900 Aug 26 j 11:39	14°≈04'11		desc. node	-3899 Aug 13 j 08:36	4°≈36'11	
	-3900 Sep 06 j 01:33	0°≈			-3899 Aug 31 j 12:23	0°≈	
evening max el	-3900 Sep 24 j 01:05	23°≈29'41	21°59'46	evening max el	-3899 Sep 06 j 15:17	6°≈55'24	23°19'44
retrograde	-3900 Oct 03 j 06:36	28°≈58'52		retrograde	-3899 Sep 16 j 23:44	13°≈03'08	
evening set	-3900 Oct 07 j 15:58	27°≈14'04		evening set	-3899 Sep 21 j 22:57	10°≈58'55	
asc. node	-3900 Oct 11 j 01:25	23°≈35'04		inferior conj	-3899 Sep 27 j 06:21	4°≈40'14	-0°13'51
inferior conj	-3900 Oct 12 j 23:44	20°≈58'30	0°39'29	minimum elong	-3899 Sep 27 j 06:40	4°≈39'08	0°13'37
minimum elong	-3900 Oct 12 j 22:50	21°≈01'38	0°39'09	transit middle	-3899 Sep 27 j 06:40	4°≈39'08	0°13'37
min. Earth dist.	-3900 Oct 13 j 02:29	20°≈49'00	0.67359 AU	transit begin	-3899 Sep 27 j 05:10	4°≈44'17	
morning rise	-3900 Oct 18 j 05:34	14°≈43'47		transit end	-3899 Sep 27 j 08:10	4°≈34'00	
direct	-3900 Oct 22 j 23:53	12°≈45'07		min. Earth dist.	-3899 Sep 26 j 22:56	5°≈05'44	0.67416 AU
morning max el	-3900 Nov 01 j 20:55	18°≈38'29	22°48'10	asc. node	-3899 Sep 27 j 22:31	3°≈44'53	
	-3900 Nov 11 j 07:53	0°≈			-3899 Sep 30 j 23:00	30°≈	
desc. node	-3900 Nov 22 j 11:30	15°≈50'29		morning rise	-3899 Oct 02 j 14:18	28°≈28'51	
	-3900 Dec 01 j 15:57	0°≈		direct	-3899 Oct 06 j 18:43	26°≈51'20	
morning set	-3900 Dec 05 j 22:44	6°≈55'40			-3899 Oct 13 j 08:48	0°≈	
max. Earth dist.	-3900 Dec 10 j 21:20	15°≈12'31	1.40201 AU	morning max el	-3899 Oct 15 j 12:17	2°≈01'07	21°25'27
					-3899 Nov 05 j 06:46	0°≈	
superior conj	-3900 Dec 18 j 15:10	28°≈52'10	-1°54'56	desc. node	-3899 Nov 09 j 08:25	6°≈09'55	
minimum elong	-3900 Dec 18 j 14:57	28°≈51'11	-1°55'05	morning set	-3899 Nov 15 j 12:30	15°≈45'02	
	-3900 Dec 19 j 06:03	0°≈		max. Earth dist.	-3899 Nov 22 j 23:02	27°≈43'18	1.42143 AU
evening rise	-3900 Dec 28 j 08:57	17°≈06'36			-3899 Nov 24 j 08:09	0°≈	
	-3899 Jan 04 j 08:09	0°≈					

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-3899 Nov 30 j 07:07	10° 11 04'03	-1°47'37
minimum elong	-3899 Nov 30 j 03:17	9° 11 47'32	1°47'29
evening rise	-3899 Dec 11 j 10:19	29° 11 52'15	
	-3899 Dec 11 j 12:01	0° 11	
asc. node	-3899 Dec 24 j 21:27	22° 11 31'12	
evening max el	-3899 Dec 28 j 00:46	26° 11 11'41	18°08'53
retrograde	-3898 Jan 03 j 19:27	29° 11 40'05	
evening set	-3898 Jan 06 j 11:20	29° 11 08'19	