Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

conjunction	-8399 Apr 08 j 07:53	14°♒47'41	-0°15'01
minimum elong	-8399 Apr 08 j 08:28	14°♒48'37	0°15'27
behind sun begin	-8399 Apr 08 j 04:36	14°♒42'27	
behind sun end	-8399 Apr 08 j 12:20	14°♒54'47	
max. Earth dist.	-8399 Apr 09 j 01:47	15°♒16'15	2.66642 AU
	-8399 May 02 j 03:01	0°♓	
asc. node	-8399 May 04 j 16:03	1°♓37'35	
morning rise	-8399 May 24 j 22:43	14°♓37'12	
	-8399 Jun 17 j 19:37	0°♈	
	-8399 Aug 02 j 19:55	0°♉	
	-8399 Sep 17 j 04:01	0°♊	
	-8399 Nov 01 j 06:09	0°♋	
	-8399 Dec 17 j 04:40	0°♌	
	-8398 Feb 06 j 01:55	0°♍	
retrograde	-8398 Apr 05 j 01:37	17°♍49'36	
desc. node	-8398 Apr 12 j 07:55	17°♍28'17	
min. Earth dist.	-8398 May 02 j 18:15	13°♍15'28	0.38872 AU
opposition	-8398 May 07 j 01:13	12°♍03'28	-1°54'25
greatest brilliancy	-8398 May 06 j 16:15	12°♍09'45	-2.9m
direct	-8398 Jun 06 j 06:35	6°♍52'02	
	-8398 Aug 15 j 02:05	0°♎	
	-8398 Oct 05 j 10:44	0°♏	
	-8398 Nov 22 j 08:42	0°♐	
	-8397 Jan 08 j 21:09	0°♑	
	-8397 Feb 25 j 11:45	0°♒	
asc. node	-8397 Mar 22 j 10:39	15°♒46'08	
evening set	-8397 Mar 30 j 06:54	20°♒44'36	
	-8397 Apr 13 j 19:45	0°♓	
max. Earth dist.	-8397 May 03 j 13:25	12°♓39'34	2.64961 AU
conjunction	-8397 May 16 j 18:10	21°♓12'06	0°30'59
minimum elong	-8397 May 16 j 17:05	21°♓10'20	0°30'49
	-8397 May 30 j 05:48	0°♈	
morning rise	-8397 Jul 02 j 03:38	21°♈50'13	
	-8397 Jul 14 j 05:43	0°♉	
	-8397 Aug 26 j 16:04	0°♊	
	-8397 Oct 07 j 17:07	0°♋	
	-8397 Nov 17 j 19:27	0°♌	
	-8397 Dec 28 j 16:12	0°♍	
	-8396 Feb 08 j 15:46	0°♎	
desc. node	-8396 Feb 28 j 08:54	13°♎19'45	
	-8396 Mar 26 j 05:10	0°♏	
retrograde	-8396 Jun 02 j 06:01	24°♏00'56	
min. Earth dist.	-8396 Jul 01 j 19:46	18°♏05'14	0.49750 AU
greatest brilliancy	-8396 Jul 08 j 05:24	15°♏46'07	-2.1m
opposition	-8396 Jul 09 j 18:43	15°♏12'08	-5°50'06
direct	-8396 Aug 12 j 16:35	8°♏00'14	
	-8396 Oct 22 j 03:54	0°♐	
	-8396 Dec 16 j 03:48	0°♑	
	-8395 Feb 04 j 14:48	0°♒	
asc. node	-8395 Feb 06 j 10:02	1°♒05'42	
	-8395 Mar 25 j 03:10	0°♓	
evening set	-8395 May 07 j 18:12	27°♓59'04	
	-8395 May 10 j 20:01	0°♈	
max. Earth dist.	-8395 May 29 j 14:50	12°♈26'45	2.58083 AU
	-8395 Jun 24 j 11:55	0°♉	
conjunction	-8395 Jun 25 j 11:04	0°♉39'48	1°05'53
minimum elong	-8395 Jun 25 j 09:46	0°♉37'35	1°06'07
	-8395 Aug 06 j 02:38	0°♊	
morning rise	-8395 Aug 14 j 01:51	5°♊45'44	
	-8395 Sep 15 j 23:03	0°♋	
	-8395 Oct 25 j 14:18	0°♌	
	-8395 Dec 03 j 17:26	0°♍	
	-8394 Jan 12 j 05:50	0°♎	
desc. node	-8394 Jan 15 j 06:50	2°♎16'26	
	-8394 Feb 22 j 07:54	0°♏	
	-8394 Apr 07 j 23:50	0°♐	
	-8394 Jun 02 j 17:06	0°♑	
retrograde	-8394 Jul 14 j 16:48	9°♑49'43	
min. Earth dist.	-8394 Aug 18 j 12:33	1°♑51'38	0.60670 AU
opposition	-8394 Aug 23 j 08:32	29°♐56'26	-4°22'49
greatest brilliancy	-8394 Aug 22 j 16:18	0°♑12'35	-1.6m
	-8394 Aug 23 j 04:56	30°℞♐	
direct	-8394 Sep 29 j 19:41	21°♐12'25	
	-8394 Nov 10 j 11:55	0°♑	
asc. node	-8394 Dec 25 j 13:15	20°♑29'36	
	-8393 Jan 12 j 08:31	0°♒	
	-8393 Mar 05 j 02:19	0°♓	
	-8393 Apr 21 j 21:33	0°♈	
	-8393 Jun 05 j 18:05	0°♉	
evening set	-8393 Jun 20 j 17:05	10°♉24'52	
max. Earth dist.	-8393 Jul 06 j 10:21	21°♉34'58	2.46945 AU
	-8393 Jul 18 j 01:51	0°♊	
conjunction	-8393 Aug 13 j 03:30	19°♊15'39	1°06'03
minimum elong	-8393 Aug 13 j 05:14	19°♊18'54	1°06'33
	-8393 Aug 27 j 09:07	0°♋	
	-8393 Oct 05 j 08:40	0°♌	
morning rise	-8393 Oct 10 j 12:49	4°♌01'31	
	-8393 Nov 12 j 19:49	0°♍	
desc. node	-8393 Dec 03 j 00:48	15°♍41'41	
	-8393 Dec 21 j 15:21	0°♎	
	-8392 Jan 30 j 16:53	0°♏	
	-8392 Mar 12 j 23:41	0°♐	
	-8392 Apr 27 j 22:26	0°♑	
	-8392 Jun 21 j 03:43	0°♒	
retrograde	-8392 Aug 18 j 15:19	16°♒22'38	
min. Earth dist.	-8392 Sep 26 j 11:53	7°♒00'13	0.66226 AU
opposition	-8392 Sep 27 j 14:09	6°♒33'45	-1°43'02
greatest brilliancy	-8392 Sep 27 j 13:03	6°♒34'52	-1.4m
	-8392 Oct 15 j 20:37	30°℞♑	
direct	-8392 Nov 06 j 09:56	26°♑57'43	
asc. node	-8392 Nov 11 j 18:16	27°♑08'20	
	-8392 Nov 29 j 18:32	0°♒	
	-8391 Feb 08 j 04:58	0°♓	
	-8391 Mar 31 j 09:10	0°♈	
	-8391 May 16 j 06:29	0°♉	
	-8391 Jun 27 j 19:14	0°♊	
	-8391 Aug 06 j 23:18	0°♋	
evening set	-8391 Aug 13 j 00:02	4°♋36'59	
	-8391 Sep 14 j 16:47	0°♌	
conjunction	-8391 Oct 13 j 17:59	22°♌48'34	0°04'37
minimum elong	-8391 Oct 13 j 18:28	22°♌49'30	0°04'59
behind sun begin	-8391 Oct 12 j 16:04	21°♌57'41	
behind sun end	-8391 Oct 14 j 20:52	23°♌41'20	
desc. node	-8391 Oct 19 j 18:17	27°♌31'47	
	-8391 Oct 22 j 21:51	0°♍	
max. Earth dist.	-8391 Oct 28 j 02:09	4°♍03'31	2.38111 AU
	-8391 Nov 30 j 12:19	0°♎	
morning rise	-8391 Dec 18 j 22:10	14°♎00'57	
	-8390 Jan 09 j 08:13	0°♏	
	-8390 Feb 20 j 02:27	0°♐	
	-8390 Apr 05 j 09:54	0°♑	
	-8390 May 23 j 03:38	0°♒	
	-8390 Jul 16 j 15:54	0°♓	
retrograde	-8390 Sep 22 j 22:21	20°♓22'24	
asc. node	-8390 Sep 29 j 22:08	20°♓03'37	
opposition	-8390 Nov 01 j 01:16	11°♓07'33	1°14'37

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

greatest brilliancy	-8390 Nov 01 j 03:22	11°♓05'28	-1.4m
min. Earth dist.	-8390 Nov 03 j 16:19	10°♓05'00	0.65666 AU
direct	-8390 Dec 12 j 00:47	1°♓08'09	
	-8389 Mar 05 j 23:56	0°♈	
	-8389 Apr 24 j 15:28	0°♉	
	-8389 Jun 07 j 08:26	0°♊	
	-8389 Jul 17 j 22:08	0°♋	
	-8389 Aug 25 j 19:08	0°♌	
desc. node	-8389 Sep 06 j 15:46	9°♌16'48	
	-8389 Oct 03 j 02:24	0°♍	
evening set	-8389 Oct 17 j 23:01	11°♍35'25	
	-8389 Nov 10 j 19:35	0°♎	
conjunction	-8389 Dec 19 j 09:13	28°♎58'28	-1°02'54
minimum elong	-8389 Dec 19 j 06:46	28°♎53'58	1°03'05
	-8389 Dec 20 j 18:40	0°♏	
max. Earth dist.	-8388 Jan 30 j 16:51	29°♏22'55	2.49361 AU
	-8388 Jan 31 j 14:01	0°♐	
morning rise	-8388 Feb 16 j 18:39	11°♐13'28	
	-8388 Mar 15 j 13:32	0°♑	
	-8388 Apr 30 j 19:43	0°♒	
	-8388 Jun 18 j 16:22	0°♓	
	-8388 Aug 11 j 07:42	0°♈	
asc. node	-8388 Aug 16 j 22:14	2°♈50'19	
retrograde	-8388 Oct 31 j 16:15	26°♈36'06	
opposition	-8388 Dec 07 j 19:46	18°♈21'04	4°12'46
greatest brilliancy	-8388 Dec 08 j 15:34	18°♈02'18	-1.7m
min. Earth dist.	-8388 Dec 14 j 01:20	15°♈59'15	0.58991 AU
direct	-8387 Jan 17 j 08:12	8°♈36'44	
	-8387 Mar 25 j 05:19	0°♉	
	-8387 May 13 j 09:13	0°♊	
	-8387 Jun 24 j 18:18	0°♋	
desc. node	-8387 Jul 24 j 16:28	22°♋28'14	
	-8387 Aug 03 j 12:51	0°♌	
	-8387 Sep 11 j 11:14	0°♍	
	-8387 Oct 20 j 17:47	0°♎	
	-8387 Nov 30 j 05:25	0°♏	
evening set	-8387 Dec 16 j 22:56	12°♏02'43	
	-8386 Jan 11 j 11:18	0°♐	
conjunction	-8386 Feb 09 j 21:47	20°♐07'32	-1°06'36
minimum elong	-8386 Feb 09 j 23:08	20°♐09'49	1°07'07
	-8386 Feb 24 j 15:57	0°♑	
max. Earth dist.	-8386 Mar 05 j 13:43	5°♑53'57	2.60024 AU
morning rise	-8386 Apr 02 j 12:24	24°♑08'27	
	-8386 Apr 11 j 14:36	0°♒	
	-8386 May 28 j 22:16	0°♓	
asc. node	-8386 Jul 04 j 17:20	22°♓48'54	
	-8386 Jul 16 j 11:45	0°♈	
	-8386 Sep 05 j 07:29	0°♉	
	-8386 Nov 03 j 18:06	0°♊	
retrograde	-8386 Dec 22 j 16:11	11°♊40'15	
opposition	-8385 Jan 25 j 09:16	5°♊04'01	6°11'14
greatest brilliancy	-8385 Jan 27 j 03:44	4°♊28'24	-2.2m
min. Earth dist.	-8385 Feb 02 j 15:25	2°♊18'58	0.47329 AU
	-8385 Feb 10 j 09:39	30°℞♉	
direct	-8385 Mar 03 j 11:34	27°♉00'10	
	-8385 Mar 25 j 00:29	0°♊	
	-8385 May 25 j 16:24	0°♋	
desc. node	-8385 Jun 11 j 19:24	11°♋11'37	
	-8385 Jul 08 j 20:21	0°♌	
	-8385 Aug 19 j 02:05	0°♍	
	-8385 Sep 28 j 23:41	0°♎	
	-8385 Nov 09 j 18:12	0°♏	
	-8385 Dec 23 j 00:18	0°♐	
evening set	-8384 Feb 03 j 03:45	28°♐11'37	
	-8384 Feb 05 j 21:38	0°♑	

conjunction	-8384 Mar 23 j 23:55	0°♒34'08	-0°32'25
minimum elong	-8384 Mar 24 j 01:08	0°♒36'05	0°32'54
	-8384 Mar 23 j 02:40	0°♒	
max. Earth dist.	-8384 Mar 30 j 19:03	4°♒55'52	2.65819 AU
	-8384 May 09 j 00:37	0°♓	
morning rise	-8384 May 10 j 10:56	0°♓54'45	
asc. node	-8384 May 21 j 10:37	7°♓55'16	
	-8384 Jun 25 j 00:09	0°♈	
	-8384 Aug 10 j 18:03	0°♉	
	-8384 Sep 26 j 12:54	0°♊	
	-8384 Nov 13 j 11:20	0°♋	
	-8383 Jan 05 j 19:11	0°♌	
retrograde	-8383 Mar 05 j 19:28	17°♌22'47	
opposition	-8383 Apr 05 j 13:16	12°♌15'52	1°51'11
greatest brilliancy	-8383 Apr 05 j 17:28	12°♌13'02	-2.9m
min. Earth dist.	-8383 Apr 06 j 11:03	12°♌01'14	0.38104 AU
desc. node	-8383 Apr 28 j 23:54	7°♌25'57	
direct	-8383 May 06 j 05:33	7°♌05'07	
	-8383 Jul 12 j 23:51	0°♍	
	-8383 Aug 31 j 10:20	0°♎	
	-8383 Oct 16 j 08:53	0°♏	
	-8383 Dec 01 j 02:56	0°♐	
	-8382 Jan 16 j 13:04	0°♑	
	-8382 Mar 04 j 14:05	0°♒	
evening set	-8382 Mar 15 j 03:02	6°♒41'53	
asc. node	-8382 Apr 08 j 04:01	21°♒59'59	
	-8382 Apr 20 j 16:41	0°♓	
max. Earth dist.	-8382 Apr 23 j 21:23	2°♓02'45	2.66251 AU
conjunction	-8382 May 01 j 19:08	7°♓06'58	0°13'32
minimum elong	-8382 May 01 j 18:39	7°♓06'10	0°13'15
behind sun begin	-8382 May 01 j 07:48	6°♓48'46	
behind sun end	-8382 May 02 j 05:29	7°♓23'33	
	-8382 Jun 06 j 03:46	0°♈	
morning rise	-8382 Jun 16 j 22:58	7°♈04'33	
	-8382 Jul 21 j 10:58	0°♉	
	-8382 Sep 03 j 10:57	0°♊	
	-8382 Oct 16 j 08:04	0°♋	
	-8382 Nov 27 j 13:32	0°♌	
	-8381 Jan 09 j 01:06	0°♍	
	-8381 Feb 23 j 04:44	0°♎	
desc. node	-8381 Mar 17 j 02:58	12°♎47'14	
	-8381 Apr 30 j 00:53	0°♏	
retrograde	-8381 May 13 j 22:58	1°♏21'12	
	-8381 May 27 j 17:44	30°℞♎	
min. Earth dist.	-8381 Jun 10 j 16:19	26°♎15'19	0.44773 AU
greatest brilliancy	-8381 Jun 17 j 04:20	24°♎04'58	-2.4m
opposition	-8381 Jun 18 j 17:15	23°♎33'57	-5°22'08
direct	-8381 Jul 20 j 21:49	17°♎11'55	
	-8381 Sep 09 j 00:20	0°♏	
	-8381 Nov 05 j 15:49	0°♐	
	-8381 Dec 26 j 07:27	0°♑	
	-8380 Feb 13 j 07:29	0°♒	
asc. node	-8380 Feb 24 j 01:17	6°♒39'35	
	-8380 Apr 01 j 05:57	0°♓	
evening set	-8380 Apr 22 j 03:34	13°♓20'42	
	-8380 May 17 j 18:46	0°♈	
max. Earth dist.	-8380 May 18 j 12:04	0°♈28'25	2.61357 AU
conjunction	-8380 Jun 09 j 01:00	14°♈45'57	0°54'51
minimum elong	-8380 Jun 08 j 23:28	14°♈43'23	0°54'55
	-8380 Jul 01 j 12:37	0°♉	
morning rise	-8380 Jul 26 j 20:53	17°♉35'03	
	-8380 Aug 13 j 09:23	0°♊	
	-8380 Sep 23 j 14:38	0°♋	
	-8380 Nov 02 j 16:13	0°♌	
	-8380 Dec 12 j 06:40	0°♍	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

	-8379 Jan 21 j 08:46	0°♎	
desc. node	-8379 Feb 01 j 00:58	7°♎48'17	
	-8379 Mar 04 j 10:43	0°♏	
	-8379 Apr 21 j 00:59	0°♐	
retrograde	-8379 Jun 29 j 09:32	23°♐46'53	
min. Earth dist.	-8379 Aug 01 j 06:45	16°♐32'07	0.56926 AU
greatest brilliancy	-8379 Aug 06 j 11:06	14°♐31'17	-1.8m
opposition	-8379 Aug 07 j 12:13	14°♐06'48	-5°12'05
direct	-8379 Sep 12 j 17:33	5°♐52'57	
	-8379 Nov 27 j 17:10	0°♑	
asc. node	-8378 Jan 11 j 03:04	23°♑52'21	
	-8378 Jan 21 j 19:23	0°♒	
	-8378 Mar 12 j 21:13	0°♓	
	-8378 Apr 29 j 03:25	0°♈	
evening set	-8378 Jun 02 j 16:37	23°♈01'19	
	-8378 Jun 12 j 21:05	0°♉	
max. Earth dist.	-8378 Jun 19 j 06:34	4°♉25'30	2.51696 AU
conjunction	-8378 Jul 23 j 17:47	28°♉52'52	1°12'14
minimum elong	-8378 Jul 23 j 18:00	28°♉53'16	1°12'41
	-8378 Jul 25 j 06:50	0°♊	
	-8378 Sep 03 j 18:16	0°♋	
morning rise	-8378 Sep 15 j 23:04	9°♋15'39	
	-8378 Oct 12 j 22:35	0°♌	
	-8378 Nov 20 j 14:18	0°♍	
desc. node	-8378 Dec 19 j 21:11	22°♍35'47	
	-8378 Dec 29 j 14:02	0°♎	
	-8377 Feb 07 j 21:00	0°♏	
	-8377 Mar 22 j 15:56	0°♐	
	-8377 May 09 j 05:33	0°♑	
	-8377 Jul 14 j 20:16	0°♒	
retrograde	-8377 Aug 06 j 01:31	2°♒57'12	
	-8377 Aug 26 j 19:24	30°℞♑	
min. Earth dist.	-8377 Sep 12 j 11:42	24°♑03'38	0.64773 AU
opposition	-8377 Sep 15 j 01:00	23°♑01'55	-2°48'19
greatest brilliancy	-8377 Sep 14 j 19:45	23°♑07'12	-1.4m
direct	-8377 Oct 24 j 01:34	13°♑42'35	
asc. node	-8377 Nov 29 j 07:18	20°♑29'31	
	-8377 Dec 23 j 09:15	0°♒	
	-8376 Feb 19 j 00:06	0°♓	
	-8376 Apr 08 j 09:37	0°♈	
	-8376 May 23 j 18:27	0°♉	
	-8376 Jul 05 j 04:18	0°♊	
evening set	-8376 Jul 21 j 04:17	11°♊46'38	
	-8376 Aug 14 j 09:01	0°♋	
max. Earth dist.	-8376 Aug 17 j 16:11	2°♋31'06	2.39872 AU
conjunction	-8376 Sep 17 j 13:36	26°♋24'11	0°35'35
minimum elong	-8376 Sep 17 j 16:15	26°♋29'21	0°36'05
	-8376 Sep 22 j 04:10	0°♌	
	-8376 Oct 30 j 10:46	0°♍	
desc. node	-8376 Nov 05 j 15:21	4°♍50'40	
morning rise	-8376 Nov 21 j 06:54	17°♍02'10	
	-8376 Dec 08 j 02:00	0°♎	
	-8375 Jan 16 j 22:17	0°♏	
	-8375 Feb 27 j 18:28	0°♐	
	-8375 Apr 13 j 10:15	0°♑	
	-8375 Jun 01 j 11:26	0°♒	
	-8375 Aug 02 j 15:17	0°♓	
retrograde	-8375 Sep 09 j 00:52	7°♓21'31	
	-8375 Oct 13 j 03:21	30°℞♒	
asc. node	-8375 Oct 16 j 11:24	28°♒41'23	
opposition	-8375 Oct 18 j 14:18	27°♒50'35	0°04'55
greatest brilliancy	-8375 Oct 18 j 14:25	27°♒50'28	-1.4m
min. Earth dist.	-8375 Oct 19 j 18:28	27°♒22'24	0.66616 AU
direct	-8375 Nov 28 j 06:24	17°♒56'52	
	-8374 Jan 17 j 07:30	0°♓	
	-8374 Mar 16 j 15:15	0°♈	
	-8374 May 03 j 05:10	0°♉	
	-8374 Jun 15 j 07:25	0°♊	
	-8374 Jul 25 j 15:52	0°♋	
	-8374 Sep 02 j 10:29	0°♌	
evening set	-8374 Sep 21 j 14:22	15°♌01'53	
desc. node	-8374 Sep 23 j 09:53	16°♌27'21	
	-8374 Oct 10 j 16:02	0°♍	
	-8374 Nov 18 j 07:09	0°♎	
conjunction	-8374 Nov 24 j 11:02	4°♎42'50	-0°43'24
minimum elong	-8374 Nov 24 j 07:52	4°♎36'48	0°43'20
	-8374 Dec 28 j 03:43	0°♏	
max. Earth dist.	-8373 Jan 10 j 04:10	9°♏31'23	2.44325 AU
morning rise	-8373 Jan 26 j 11:04	21°♏13'55	
	-8373 Feb 07 j 21:02	0°♐	
	-8373 Mar 23 j 20:57	0°♑	
	-8373 May 09 j 11:16	0°♒	
	-8373 Jun 28 j 14:14	0°♓	
	-8373 Aug 27 j 00:43	0°♈	
asc. node	-8373 Sep 03 j 13:32	2°♈58'02	
retrograde	-8373 Oct 16 j 07:40	12°♈06'02	
opposition	-8373 Nov 23 j 09:11	3°♈23'53	3°05'11
greatest brilliancy	-8373 Nov 23 j 20:05	3°♈13'19	-1.5m
min. Earth dist.	-8373 Nov 28 j 05:59	1°♈30'31	0.62305 AU
	-8373 Dec 02 j 05:28	30°℞♓	
direct	-8372 Jan 03 j 07:47	23°♓27'01	
	-8372 Feb 06 j 19:36	0°♈	
	-8372 Apr 07 j 08:06	0°♉	
	-8372 May 23 j 05:11	0°♊	
	-8372 Jul 03 j 14:15	0°♋	
desc. node	-8372 Aug 10 j 08:35	28°♋49'30	
	-8372 Aug 11 j 21:01	0°♌	
	-8372 Sep 19 j 11:16	0°♍	
	-8372 Oct 28 j 10:44	0°♎	
evening set	-8372 Nov 24 j 20:38	20°♎34'51	
	-8372 Dec 07 j 15:48	0°♏	
	-8371 Jan 18 j 16:07	0°♐	
conjunction	-8371 Jan 21 j 16:46	2°♐06'30	-1°11'40
minimum elong	-8371 Jan 21 j 17:03	2°♐06'59	1°12'08
max. Earth dist.	-8371 Feb 21 j 14:02	23°♐13'20	2.56373 AU
	-8371 Mar 03 j 17:04	0°♑	
morning rise	-8371 Mar 16 j 21:23	8°♑43'24	
	-8371 Apr 18 j 16:21	0°♒	
	-8371 Jun 05 j 09:17	0°♓	
asc. node	-8371 Jul 21 j 11:14	27°♓49'52	
	-8371 Jul 25 j 04:05	0°♈	
	-8371 Sep 17 j 23:49	0°♉	
retrograde	-8371 Nov 30 j 06:50	22°♉37'16	
opposition	-8370 Jan 04 j 11:53	15°♉16'38	5°42'33
greatest brilliancy	-8370 Jan 05 j 23:46	14°♉44'31	-2.0m
min. Earth dist.	-8370 Jan 12 j 09:36	12°♉27'18	0.52290 AU
direct	-8370 Feb 12 j 10:14	6°♉18'08	
	-8370 Apr 22 j 09:28	0°♊	
	-8370 Jun 08 j 04:15	0°♋	
desc. node	-8370 Jun 28 j 11:37	14°♋27'05	
	-8370 Jul 19 j 15:05	0°♌	
	-8370 Aug 28 j 13:23	0°♍	
	-8370 Oct 07 j 13:56	0°♎	
	-8370 Nov 17 j 16:23	0°♏	
	-8370 Dec 30 j 10:18	0°♐	
evening set	-8369 Jan 16 j 15:06	11°♐43'32	
	-8369 Feb 12 j 23:07	0°♑	
conjunction	-8369 Mar 09 j 01:13	15°♑47'50	-0°48'08
minimum elong	-8369 Mar 09 j 02:51	15°♑50'28	0°48'39

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

max. Earth dist.	-8369 Mar 22 j 04:20	24°♉18'33	2.64196 AU
	-8369 Mar 31 j 00:06	0°♒	
morning rise	-8369 Apr 26 j 18:04	17°♒07'38	
	-8369 May 16 j 23:49	0°♓	
asc. node	-8369 Jun 08 j 04:33	14°♓04'02	
	-8369 Jul 03 j 09:46	0°♈	
	-8369 Aug 20 j 05:09	0°♉	
	-8369 Oct 08 j 08:28	0°♊	
	-8369 Dec 01 j 20:12	0°♋	
retrograde	-8368 Feb 03 j 15:28	18°♋50'44	
opposition	-8368 Mar 05 j 19:53	13°♋27'10	4°50'59
greatest brilliancy	-8368 Mar 06 j 23:33	13°♋07'25	-2.7m
min. Earth dist.	-8368 Mar 11 j 12:10	11°♋50'08	0.40348 AU
direct	-8368 Apr 07 j 20:14	7°♋21'19	
desc. node	-8368 May 15 j 15:07	15°♋58'04	
	-8368 Jun 12 j 18:13	0°♌	
	-8368 Jul 30 j 10:05	0°♍	
	-8368 Sep 12 j 06:39	0°♎	
	-8368 Oct 25 j 20:18	0°♏	
	-8368 Dec 09 j 07:01	0°♐	
	-8367 Jan 23 j 22:42	0°♑	
evening set	-8367 Feb 27 j 17:10	22°♑24'34	
	-8367 Mar 11 j 13:45	0°♒	
max. Earth dist.	-8367 Apr 14 j 12:38	21°♒40'48	2.66739 AU
conjunction	-8367 Apr 16 j 22:07	23°♒12'34	-0°04'37
minimum elong	-8367 Apr 16 j 22:19	23°♒12'54	0°05'00
behind sun begin	-8367 Apr 16 j 03:32	22°♒42'56	
behind sun end	-8367 Apr 17 j 17:06	23°♒42'52	
asc. node	-8367 Apr 24 j 21:35	28°♒18'25	
	-8367 Apr 27 j 13:07	0°♓	
morning rise	-8367 Jun 02 j 06:03	22°♓56'48	
	-8367 Jun 13 j 03:23	0°♈	
	-8367 Jul 28 j 21:03	0°♉	
	-8367 Sep 11 j 15:52	0°♊	
	-8367 Oct 25 j 18:36	0°♋	
	-8367 Dec 08 j 21:36	0°♌	
	-8366 Jan 23 j 21:04	0°♍	
	-8366 Mar 23 j 20:00	0°♎	
desc. node	-8366 Apr 02 j 19:10	2°♎46'53	
retrograde	-8366 Apr 20 j 08:21	4°♎50'40	
min. Earth dist.	-8366 May 17 j 09:09	0°♎16'04	0.40474 AU
	-8366 May 18 j 07:01	30°℞♍	
opposition	-8366 May 23 j 16:35	28°♍22'50	-3°37'29
greatest brilliancy	-8366 May 22 j 18:30	28°♍39'27	-2.7m
direct	-8366 Jun 23 j 11:11	22°♍50'54	
	-8366 Jul 28 j 21:47	0°♎	
	-8366 Sep 27 j 07:42	0°♏	
	-8366 Nov 16 j 06:53	0°♐	
	-8365 Jan 03 j 15:55	0°♑	
	-8365 Feb 20 j 16:33	0°♒	
asc. node	-8365 Mar 12 j 16:57	12°♒34'39	
evening set	-8365 Apr 07 j 22:55	29°♒11'51	
	-8365 Apr 09 j 05:09	0°♓	
max. Earth dist.	-8365 May 09 j 07:00	19°♓19'16	2.63908 AU
conjunction	-8365 May 25 j 10:54	29°♓51'32	0°40'23
minimum elong	-8365 May 25 j 09:34	29°♓49'21	0°40'18
	-8365 May 25 j 16:04	0°♈	
	-8365 Jul 09 j 14:01	0°♉	
morning rise	-8365 Jul 11 j 04:17	1°♉05'11	
	-8365 Aug 21 j 19:29	0°♊	
	-8365 Oct 02 j 13:06	0°♋	
	-8365 Nov 12 j 05:21	0°♌	
	-8365 Dec 22 j 12:48	0°♍	
	-8364 Feb 01 j 14:03	0°♎	
desc. node	-8364 Feb 18 j 21:09	12°♎09'40	
	-8364 Mar 16 j 16:23	0°♏	
	-8364 May 13 j 07:09	0°♐	
retrograde	-8364 Jun 12 j 16:41	5°♐48'16	
	-8364 Jul 11 j 18:04	30°℞♏	
min. Earth dist.	-8364 Jul 13 j 10:20	29°♏23'33	0.52425 AU
greatest brilliancy	-8364 Jul 19 j 11:46	27°♏07'40	-2.0m
opposition	-8364 Jul 20 j 21:35	26°♏35'53	-5°44'41
direct	-8364 Aug 24 j 16:41	18°♏59'38	
	-8364 Oct 10 j 07:21	0°♐	
	-8364 Dec 09 j 14:27	0°♑	
asc. node	-8363 Jan 27 j 16:32	28°♑25'52	
	-8363 Jan 30 j 07:30	0°♒	
	-8363 Mar 20 j 07:37	0°♓	
	-8363 May 06 j 05:01	0°♈	
evening set	-8363 May 16 j 23:13	7°♈05'06	
max. Earth dist.	-8363 Jun 05 j 15:55	20°♈16'31	2.55976 AU
	-8363 Jun 19 j 21:49	0°♉	
conjunction	-8363 Jul 05 j 07:52	10°♉42'18	1°10'03
minimum elong	-8363 Jul 05 j 06:57	10°♉40'42	1°10'21
	-8363 Aug 01 j 10:56	0°♊	
morning rise	-8363 Aug 25 j 07:04	17°♊25'20	
	-8363 Sep 11 j 04:18	0°♋	
	-8363 Oct 20 j 15:28	0°♌	
	-8363 Nov 28 j 14:06	0°♍	
desc. node	-8362 Jan 05 j 17:10	29°♍07'35	
	-8362 Jan 06 j 20:57	0°♎	
	-8362 Feb 16 j 13:40	0°♏	
	-8362 Apr 01 j 06:48	0°♐	
	-8362 May 22 j 07:06	0°♑	
retrograde	-8362 Jul 23 j 01:37	18°♑47'36	
min. Earth dist.	-8362 Aug 27 j 20:38	10°♑28'07	0.62361 AU
opposition	-8362 Aug 31 j 21:01	8°♑51'38	-3°50'02
greatest brilliancy	-8362 Aug 31 j 09:16	9°♑03'24	-1.5m
	-8362 Oct 04 j 22:00	30°℞♐	
direct	-8362 Oct 08 j 22:13	29°♐53'44	
	-8362 Oct 13 j 00:02	0°♑	
asc. node	-8362 Dec 15 j 20:15	19°♑44'53	
	-8361 Jan 05 j 10:32	0°♒	
	-8361 Feb 27 j 17:23	0°♓	
	-8361 Apr 17 j 00:47	0°♈	
	-8361 Jun 01 j 01:53	0°♉	
evening set	-8361 Jul 01 j 14:16	21°♉26'12	
	-8361 Jul 13 j 10:43	0°♊	
max. Earth dist.	-8361 Jul 18 j 18:04	3°♊52'29	2.44278 AU
	-8361 Aug 22 j 17:17	0°♋	
conjunction	-8361 Aug 25 j 15:12	2°♋13'06	0°58'02
minimum elong	-8361 Aug 25 j 17:40	2°♋17'49	0°58'33
	-8361 Sep 30 j 15:03	0°♌	
morning rise	-8361 Oct 25 j 12:08	19°♌26'32	
	-8361 Nov 08 j 00:09	0°♍	
desc. node	-8361 Nov 23 j 10:38	12°♍01'50	
	-8361 Dec 16 j 17:28	0°♎	
	-8360 Jan 25 j 15:55	0°♏	
	-8360 Mar 07 j 17:03	0°♐	
	-8360 Apr 22 j 00:07	0°♑	
	-8360 Jun 12 j 11:49	0°♒	
retrograde	-8360 Aug 26 j 10:56	24°♒21'27	
opposition	-8360 Oct 05 j 07:02	14°♒38'03	-1°03'51
greatest brilliancy	-8360 Oct 05 j 07:08	14°♒37'57	-1.4m
min. Earth dist.	-8360 Oct 05 j 00:20	14°♒44'48	0.66619 AU
asc. node	-8360 Nov 02 j 01:23	5°♒54'50	
direct	-8360 Nov 14 j 10:49	4°♒54'38	
	-8359 Jan 31 j 21:17	0°♓	
	-8359 Mar 25 j 20:03	0°♈	
	-8359 May 11 j 06:14	0°♉	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

	-8359 Jun 22 j 23:51	0°♊	
	-8359 Aug 02 j 05:48	0°♋	
evening set	-8359 Aug 26 j 19:19	18°♋55'50	
	-8359 Sep 09 j 23:39	0°♌	
desc. node	-8359 Oct 10 j 05:22	23°♌44'47	
	-8359 Oct 18 j 04:34	0°♍	
conjunction	-8359 Oct 28 j 21:17	8°♍22'35	-0°14'05
minimum elong	-8359 Oct 28 j 19:59	8°♍20'03	0°13'49
behind sun begin	-8359 Oct 28 j 05:12	7°♍51'10	
behind sun end	-8359 Oct 29 j 10:46	8°♍48'56	
	-8359 Nov 25 j 18:33	0°♎	
max. Earth dist.	-8359 Dec 05 j 22:04	7°♎45'40	2.39649 AU
morning rise	-8358 Jan 02 j 13:26	28°♎31'06	
	-8358 Jan 04 j 13:33	0°♏	
	-8358 Feb 15 j 06:07	0°♐	
	-8358 Mar 31 j 08:53	0°♑	
	-8358 May 17 j 13:06	0°♒	
	-8358 Jul 08 j 20:06	0°♓	
asc. node	-8358 Sep 20 j 05:00	27°♓42'03	
retrograde	-8358 Oct 01 j 05:50	28°♓25'38	
opposition	-8358 Nov 09 j 00:26	19°♓21'22	1°55'21
greatest brilliancy	-8358 Nov 09 j 04:56	19°♓16'56	-1.4m
min. Earth dist.	-8358 Nov 12 j 10:53	18°♓00'04	0.64717 AU
direct	-8358 Dec 20 j 00:50	9°♓21'02	
	-8357 Feb 25 j 19:22	0°♈	
	-8357 Apr 18 j 16:56	0°♉	
	-8357 Jun 02 j 00:50	0°♊	
	-8357 Jul 12 j 20:45	0°♋	
	-8357 Aug 20 j 20:52	0°♌	
desc. node	-8357 Aug 28 j 02:19	5°♌38'09	
	-8357 Sep 28 j 06:14	0°♍	
evening set	-8357 Nov 01 j 12:25	26°♍32'09	
	-8357 Nov 06 j 01:04	0°♎	
	-8357 Dec 16 j 01:17	0°♏	
conjunction	-8356 Jan 01 j 10:27	11°♏55'12	-1°08'54
minimum elong	-8356 Jan 01 j 09:01	11°♏52'38	1°09'12
	-8356 Jan 26 j 21:18	0°♐	
max. Earth dist.	-8356 Feb 08 j 19:13	8°♐58'17	2.52007 AU
morning rise	-8356 Feb 27 j 20:08	21°♐57'25	
	-8356 Mar 10 j 19:56	0°♑	
	-8356 Apr 25 j 22:03	0°♒	
	-8356 Jun 13 j 05:35	0°♓	
	-8356 Aug 04 j 00:07	0°♈	
asc. node	-8356 Aug 07 j 04:22	1°♈43'44	
	-8356 Oct 08 j 11:15	0°♉	
retrograde	-8356 Nov 10 j 18:43	5°♉50'14	
	-8356 Dec 11 j 10:38	30°℞♈	
opposition	-8356 Dec 17 j 07:02	27°♈52'40	4°48'49
greatest brilliancy	-8356 Dec 18 j 08:40	27°♈28'45	-1.8m
min. Earth dist.	-8356 Dec 24 j 05:04	25°♈17'47	0.56796 AU
direct	-8355 Jan 26 j 09:03	18°♈20'02	
	-8355 Mar 13 j 19:51	0°♉	
	-8355 May 06 j 10:03	0°♊	
	-8355 Jun 18 j 19:45	0°♋	
desc. node	-8355 Jul 15 j 03:11	19°♋28'50	
	-8355 Jul 29 j 00:47	0°♌	
	-8355 Sep 06 j 05:37	0°♍	
	-8355 Oct 15 j 17:03	0°♎	
	-8355 Nov 25 j 08:32	0°♏	
evening set	-8355 Dec 28 j 15:13	23°♏40'18	
	-8354 Jan 06 j 17:35	0°♐	
	-8354 Feb 19 j 24:00	0°♑	
conjunction	-8354 Feb 20 j 03:41	0°♑06'08	-1°01'01
minimum elong	-8354 Feb 20 j 05:18	0°♑08'49	1°01'34
max. Earth dist.	-8354 Mar 11 j 20:56	13°♑05'41	2.61744 AU
	-8354 Apr 06 j 22:33	0°♒	
morning rise	-8354 Apr 11 j 13:25	2°♒58'11	
	-8354 May 24 j 02:05	0°♓	
asc. node	-8354 Jun 24 j 23:01	19°♓57'43	
	-8354 Jul 11 j 03:24	0°♈	
	-8354 Aug 29 j 13:58	0°♉	
	-8354 Oct 22 j 08:02	0°♊	
retrograde	-8353 Jan 05 j 20:53	24°♊12'45	
opposition	-8353 Feb 07 j 17:38	18°♊03'13	6°05'33
greatest brilliancy	-8353 Feb 09 j 11:25	17°♊29'55	-2.4m
min. Earth dist.	-8353 Feb 15 j 17:00	15°♊32'04	0.44623 AU
direct	-8353 Mar 15 j 11:53	10°♊38'35	
	-8353 May 14 j 08:24	0°♋	
desc. node	-8353 Jun 02 j 08:13	11°♋07'41	
	-8353 Jul 01 j 03:25	0°♌	
	-8353 Aug 12 j 15:28	0°♍	
	-8353 Sep 23 j 06:07	0°♎	
	-8353 Nov 04 j 11:41	0°♏	
	-8353 Dec 18 j 01:30	0°♐	
	-8352 Feb 01 j 03:48	0°♑	
evening set	-8352 Feb 12 j 17:33	7°♑33'18	
	-8352 Mar 18 j 11:36	0°♒	
conjunction	-8352 Apr 01 j 20:52	9°♒13'10	-0°22'27
minimum elong	-8352 Apr 01 j 21:45	9°♒14'34	0°22'54
max. Earth dist.	-8352 Apr 05 j 07:51	11°♒25'50	2.66386 AU
	-8352 May 04 j 09:27	0°♓	
asc. node	-8352 May 11 j 15:12	4°♓37'32	
morning rise	-8352 May 18 j 19:05	9°♓12'21	
	-8352 Jun 20 j 05:00	0°♈	
	-8352 Aug 05 j 12:53	0°♉	
	-8352 Sep 20 j 10:47	0°♊	
	-8352 Nov 05 j 13:51	0°♋	
	-8352 Dec 23 j 16:34	0°♌	
	-8351 Feb 22 j 18:22	0°♍	
retrograde	-8351 Mar 23 j 06:32	4°♍54'02	
desc. node	-8351 Apr 19 j 12:38	0°♍35'50	
min. Earth dist.	-8351 Apr 21 j 08:03	0°♍06'45	0.38150 AU
	-8351 Apr 21 j 18:03	30°℞♌	
opposition	-8351 Apr 23 j 10:28	29°♌32'43	-0°18'40
greatest brilliancy	-8351 Apr 23 j 09:37	29°♌33'17	-3.0m
direct	-8351 May 23 j 13:21	24°♌28'43	
	-8351 Jun 23 j 00:41	0°♍	
	-8351 Aug 22 j 10:37	0°♎	
	-8351 Oct 09 j 18:36	0°♏	
	-8351 Nov 25 j 13:45	0°♐	
	-8350 Jan 11 j 12:46	0°♑	
	-8350 Feb 27 j 20:43	0°♒	
evening set	-8350 Mar 23 j 20:41	15°♒12'25	
asc. node	-8350 Mar 29 j 09:08	18°♒42'45	
	-8350 Apr 16 j 02:21	0°♓	
max. Earth dist.	-8350 Apr 29 j 11:29	8°♓34'17	2.65648 AU
conjunction	-8350 May 10 j 08:55	15°♓35'13	0°23'46
minimum elong	-8350 May 10 j 08:03	15°♓33'50	0°23'34
	-8350 Jun 01 j 13:17	0°♈	
morning rise	-8350 Jun 25 j 14:06	15°♈50'42	
	-8350 Jul 16 j 17:10	0°♉	
	-8350 Aug 29 j 09:52	0°♊	
	-8350 Oct 10 j 19:48	0°♋	
	-8350 Nov 21 j 08:59	0°♌	
	-8349 Jan 01 j 19:57	0°♍	
	-8349 Feb 13 j 19:02	0°♎	
desc. node	-8349 Mar 07 j 14:08	14°♎05'28	
	-8349 Apr 04 j 14:52	0°♏	
retrograde	-8349 May 25 j 20:55	15°♏02'34	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

min. Earth dist.	-8349 Jun 23 j 12:10	9°♏30'25	0.47505 AU
greatest brilliancy	-8349 Jun 30 j 01:43	7°♏12'25	-2.3m
opposition	-8349 Jul 01 j 16:12	6°♏38'29	-5°45'36
	-8349 Jul 29 j 08:52	30℞♎	
direct	-8349 Aug 03 j 20:21	29°♎48'03	
	-8349 Aug 09 j 09:59	0°♏	
	-8349 Oct 28 j 17:09	0°♐	
	-8349 Dec 20 j 11:34	0°♑	
	-8348 Feb 08 j 06:09	0°♒	
asc. node	-8348 Feb 14 j 07:38	3°♒43'14	
	-8348 Mar 27 j 12:34	0°♓	
evening set	-8348 May 01 j 01:12	22°♓05'10	
	-8348 May 13 j 04:20	0°♈	
max. Earth dist.	-8348 May 24 j 22:07	7°♈44'32	2.59648 AU
conjunction	-8348 Jun 18 j 07:45	24°♈07'34	1°01'43
minimum elong	-8348 Jun 18 j 06:18	24°♈05'06	1°01'52
	-8348 Jun 26 j 22:13	0°♉	
morning rise	-8348 Aug 06 j 00:27	28°♉05'19	
	-8348 Aug 08 j 16:30	0°♊	
	-8348 Sep 18 j 17:35	0°♋	
	-8348 Oct 28 j 13:34	0°♌	
	-8348 Dec 06 j 21:18	0°♍	
	-8347 Jan 15 j 14:30	0°♎	
desc. node	-8347 Jan 22 j 12:32	5°♎08'04	
	-8347 Feb 25 j 23:44	0°♏	
	-8347 Apr 12 j 12:03	0°♐	
	-8347 Jun 14 j 09:20	0°♑	
retrograde	-8347 Jul 08 j 08:29	3°♑34'12	
	-8347 Jul 30 j 19:39	30℞♐	
min. Earth dist.	-8347 Aug 11 j 07:46	25°♐54'18	0.59086 AU
opposition	-8347 Aug 16 j 18:35	23°♐45'14	-4°45'19
greatest brilliancy	-8347 Aug 15 j 22:32	24°♐05'03	-1.7m
direct	-8347 Sep 22 j 16:26	15°♐13'54	
	-8347 Nov 18 j 01:05	0°♑	
asc. node	-8346 Jan 01 j 10:04	22°♑03'35	
	-8346 Jan 15 j 18:54	0°♒	
	-8346 Mar 07 j 18:49	0°♓	
	-8346 Apr 24 j 09:07	0°♈	
	-8346 Jun 08 j 05:38	0°♉	
evening set	-8346 Jun 12 j 19:24	3°♉09'32	
max. Earth dist.	-8346 Jun 28 j 15:31	14°♉14'27	2.49110 AU
	-8346 Jul 20 j 15:20	0°♊	
conjunction	-8346 Aug 04 j 01:55	10°♊34'19	1°09'51
minimum elong	-8346 Aug 04 j 02:59	10°♊36'17	1°10'21
	-8346 Aug 30 j 01:24	0°♋	
morning rise	-8346 Sep 29 j 12:10	23°♋18'37	
	-8346 Oct 08 j 03:30	0°♌	
	-8346 Nov 15 j 16:38	0°♍	
desc. node	-8346 Dec 10 j 07:01	19°♍03'34	
	-8346 Dec 24 j 13:30	0°♎	
	-8345 Feb 02 j 16:01	0°♏	
	-8345 Mar 17 j 01:42	0°♐	
	-8345 May 02 j 11:25	0°♑	
	-8345 Jun 28 j 11:02	0°♒	
retrograde	-8345 Aug 13 j 22:37	11°♒08'56	
min. Earth dist.	-8345 Sep 21 j 03:42	1°♒58'48	0.65686 AU
opposition	-8345 Sep 22 j 21:36	1°♒16'33	-2°10'46
greatest brilliancy	-8345 Sep 22 j 18:59	1°♒19'11	-1.4m
	-8345 Sep 26 j 01:52	30℞♑	
direct	-8345 Nov 01 j 08:46	21°♑47'27	
asc. node	-8345 Nov 19 j 14:59	23°♑41'58	
	-8345 Dec 11 j 18:37	0°♒	
	-8344 Feb 12 j 19:33	0°♓	
	-8344 Apr 03 j 05:15	0°♈	
	-8344 May 18 j 22:24	0°♉	
	-8344 Jun 30 j 10:56	0°♊	
evening set	-8344 Aug 02 j 20:14	24°♊48'36	
	-8344 Aug 09 j 16:09	0°♋	
	-8344 Sep 17 j 10:41	0°♌	
max. Earth dist.	-8344 Sep 18 j 15:15	0°♌55'53	2.38241 AU
conjunction	-8344 Oct 02 j 04:19	11°♌32'59	0°18'40
minimum elong	-8344 Oct 02 j 06:00	11°♌36'17	0°19'06
	-8344 Oct 25 j 16:19	0°♍	
desc. node	-8344 Oct 26 j 23:56	1°♍01'56	
	-8344 Dec 03 j 06:39	0°♎	
morning rise	-8344 Dec 07 j 02:27	2°♎56'00	
	-8343 Jan 12 j 01:40	0°♏	
	-8343 Feb 22 j 19:17	0°♐	
	-8343 Apr 08 j 04:08	0°♑	
	-8343 May 26 j 07:07	0°♒	
	-8343 Jul 21 j 20:40	0°♓	
retrograde	-8343 Sep 16 j 23:51	15°♓14'19	
asc. node	-8343 Oct 06 j 19:10	12°♓39'24	
opposition	-8343 Oct 26 j 07:27	5°♓51'53	0°45'17
greatest brilliancy	-8343 Oct 26 j 08:20	5°♓51'00	-1.4m
min. Earth dist.	-8343 Oct 28 j 06:51	5°♓04'37	0.66214 AU
	-8343 Nov 11 j 01:26	30℞♒	
direct	-8343 Dec 06 j 03:45	25°♒54'21	
	-8342 Jan 02 j 10:12	0°♓	
	-8342 Mar 10 j 01:48	0°♈	
	-8342 Apr 27 j 19:35	0°♉	
	-8342 Jun 10 j 07:02	0°♊	
	-8342 Jul 20 j 19:17	0°♋	
	-8342 Aug 28 j 15:26	0°♌	
desc. node	-8342 Sep 13 j 20:51	12°♌42'47	
	-8342 Oct 05 j 21:37	0°♍	
evening set	-8342 Oct 06 j 12:37	0°♍29'22	
	-8342 Nov 13 j 13:09	0°♎	
conjunction	-8342 Dec 08 j 20:49	19°♎11'37	-0°55'52
minimum elong	-8342 Dec 08 j 17:48	19°♎05'57	0°55'58
	-8342 Dec 23 j 09:53	0°♏	
max. Earth dist.	-8341 Jan 22 j 16:54	21°♏56'13	2.47125 AU
	-8341 Feb 03 j 02:56	0°♐	
morning rise	-8341 Feb 07 j 21:57	3°♐21'04	
	-8341 Mar 19 j 01:02	0°♑	
	-8341 May 04 j 08:56	0°♒	
	-8341 Jun 22 j 15:10	0°♓	
	-8341 Aug 16 j 23:48	0°♈	
asc. node	-8341 Aug 24 j 20:12	3°♈41'05	
retrograde	-8341 Oct 25 j 12:21	20°♈42'14	
opposition	-8341 Dec 02 j 01:51	12°♈14'27	3°44'25
greatest brilliancy	-8341 Dec 02 j 17:31	11°♈59'25	-1.6m
min. Earth dist.	-8341 Dec 07 j 16:45	10°♈04'54	0.60590 AU
direct	-8340 Jan 11 j 19:20	2°♈23'07	
	-8340 Mar 30 j 16:08	0°♉	
	-8340 May 17 j 05:23	0°♊	
	-8340 Jun 28 j 04:00	0°♋	
desc. node	-8340 Jul 31 j 21:02	25°♋30'17	
	-8340 Aug 06 j 17:16	0°♌	
	-8340 Sep 14 j 11:32	0°♍	
	-8340 Oct 23 j 14:04	0°♎	
	-8340 Dec 02 j 21:25	0°♏	
evening set	-8340 Dec 07 j 16:09	3°♏28'43	
	-8339 Jan 13 j 23:22	0°♐	
conjunction	-8339 Feb 01 j 21:15	13°♐02'27	-1°09'30
minimum elong	-8339 Feb 01 j 22:14	13°♐04'08	1°10'01
	-8339 Feb 27 j 00:56	0°♑	
max. Earth dist.	-8339 Feb 28 j 16:36	1°♑06'02	2.58476 AU
morning rise	-8339 Mar 26 j 13:54	18°♑07'44	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

	-8339 Apr 13 j 22:40	0°♒	
	-8339 May 31 j 09:03	0°♓	
asc. node	-8339 Jul 11 j 15:51	25°♓21'21	
	-8339 Jul 19 j 09:03	0°♈	
	-8339 Sep 09 j 12:42	0°♉	
	-8339 Nov 17 j 07:25	0°♊	
retrograde	-8339 Dec 12 j 13:10	3°♊31'41	
	-8338 Jan 05 j 06:52	30°℞♉	
opposition	-8338 Jan 15 j 23:08	26°♉34'35	6°02'46
greatest brilliancy	-8338 Jan 17 j 15:25	25°♉59'38	-2.1m
min. Earth dist.	-8338 Jan 24 j 04:16	23°♉44'40	0.49580 AU
direct	-8338 Feb 22 j 22:48	18°♉03'38	
	-8338 Apr 09 j 18:10	0°♊	
	-8338 May 31 j 11:44	0°♋	
desc. node	-8338 Jun 18 j 23:31	12°♋38'21	
	-8338 Jul 13 j 05:36	0°♌	
	-8338 Aug 22 j 19:04	0°♍	
	-8338 Oct 02 j 05:44	0°♎	
	-8338 Nov 12 j 15:26	0°♏	
	-8338 Dec 25 j 14:36	0°♐	
evening set	-8337 Jan 26 j 19:25	21°♐43'52	
	-8337 Feb 08 j 06:47	0°♑	
conjunction	-8337 Mar 18 j 07:21	24°♑47'47	-0°39'16
minimum elong	-8337 Mar 18 j 08:46	24°♑50'06	0°39'46
	-8337 Mar 26 j 09:09	0°♒	
max. Earth dist.	-8337 Mar 27 j 22:42	1°♒00'24	2.65194 AU
morning rise	-8337 May 05 j 06:19	25°♒31'01	
	-8337 May 12 j 07:14	0°♓	
asc. node	-8337 May 29 j 09:02	10°♓51'52	
	-8337 Jun 28 j 11:01	0°♈	
	-8337 Aug 14 j 15:11	0°♉	
	-8337 Oct 01 j 06:57	0°♊	
	-8337 Nov 20 j 06:29	0°♋	
	-8336 Jan 22 j 19:19	0°♌	
retrograde	-8336 Feb 21 j 00:24	4°♌52'55	
	-8336 Mar 21 j 19:24	30°℞♋	
opposition	-8336 Mar 22 j 18:19	29°♋44'21	3°21'22
greatest brilliancy	-8336 Mar 23 j 08:07	29°♋34'54	-2.9m
min. Earth dist.	-8336 Mar 26 j 00:39	28°♋50'49	0.38768 AU
direct	-8336 Apr 23 j 08:20	24°♋14'31	
desc. node	-8336 May 06 j 03:46	25°♋20'01	
	-8336 May 23 j 21:33	0°♌	
	-8336 Jul 21 j 01:20	0°♍	
	-8336 Sep 05 j 06:48	0°♎	
	-8336 Oct 19 j 23:21	0°♏	
	-8336 Dec 04 j 01:07	0°♐	
	-8335 Jan 19 j 01:41	0°♑	
	-8335 Mar 06 j 21:39	0°♒	
evening set	-8335 Mar 08 j 15:11	1°♒06'11	
asc. node	-8335 Apr 15 j 02:26	24°♒59'23	
max. Earth dist.	-8335 Apr 19 j 23:54	28°♒07'02	2.66566 AU
	-8335 Apr 22 j 22:33	0°♓	
conjunction	-8335 Apr 25 j 12:00	1°♓38'16	0°06'00
minimum elong	-8335 Apr 25 j 11:46	1°♓37'55	0°05'41
behind sun begin	-8335 Apr 24 j 17:21	1°♓08'27	
behind sun end	-8335 Apr 26 j 06:12	2°♓07'22	
	-8335 Jun 08 j 11:17	0°♈	
morning rise	-8335 Jun 10 j 16:07	1°♈26'03	
	-8335 Jul 23 j 23:27	0°♉	
	-8335 Sep 06 j 07:43	0°♊	
	-8335 Oct 19 j 17:12	0°♋	
	-8335 Dec 01 j 15:51	0°♌	
	-8334 Jan 14 j 07:05	0°♍	
	-8334 Mar 03 j 08:11	0°♎	
desc. node	-8334 Mar 24 j 07:45	10°♎33'05	
retrograde	-8334 May 04 j 03:53	20°♎41'25	
min. Earth dist.	-8334 May 31 j 08:23	15°♎53'40	0.42688 AU
opposition	-8334 Jun 07 j 22:01	13°♎28'52	-4°48'32
greatest brilliancy	-8334 Jun 06 j 13:34	13°♎54'52	-2.6m
direct	-8334 Jul 09 j 09:11	7°♎30'17	
	-8334 Sep 17 j 10:04	0°♏	
	-8334 Nov 09 j 17:44	0°♐	
	-8334 Dec 29 j 06:13	0°♑	
	-8333 Feb 15 j 19:12	0°♒	
asc. node	-8333 Mar 02 j 23:01	9°♒27'37	
	-8333 Apr 04 j 13:22	0°♓	
evening set	-8333 Apr 16 j 15:34	7°♓42'22	
max. Earth dist.	-8333 May 15 j 04:13	26°♓08'04	2.62594 AU
	-8333 May 21 j 01:59	0°♈	
conjunction	-8333 Jun 03 j 07:36	8°♈43'39	0°49'05
minimum elong	-8333 Jun 03 j 06:07	8°♈41'11	0°49'05
	-8333 Jul 04 j 22:30	0°♉	
morning rise	-8333 Jul 20 j 13:35	10°♉45'00	
	-8333 Aug 16 j 23:46	0°♊	
	-8333 Sep 27 j 10:54	0°♋	
	-8333 Nov 06 j 18:56	0°♌	
	-8333 Dec 16 j 16:03	0°♍	
	-8332 Jan 26 j 02:20	0°♎	
desc. node	-8332 Feb 09 j 06:38	10°♎14'02	
	-8332 Mar 08 j 19:00	0°♏	
	-8332 Apr 27 j 16:56	0°♐	
retrograde	-8332 Jun 22 j 11:42	16°♐44'51	
min. Earth dist.	-8332 Jul 24 j 10:16	9°♐51'13	0.54995 AU
greatest brilliancy	-8332 Jul 30 j 00:09	7°♐42'55	-1.9m
opposition	-8332 Jul 31 j 05:15	7°♐14'53	-5°28'52
	-8332 Aug 25 j 11:18	30°℞♏	
direct	-8332 Sep 04 j 19:26	29°♏16'48	
	-8332 Sep 15 j 13:09	0°♐	
	-8332 Dec 02 j 08:28	0°♑	
asc. node	-8331 Jan 18 j 00:00	26°♑01'13	
	-8331 Jan 24 j 19:20	0°♒	
	-8331 Mar 15 j 09:54	0°♓	
	-8331 May 01 j 13:09	0°♈	
evening set	-8331 May 26 j 09:17	16°♈26'56	
max. Earth dist.	-8331 Jun 13 j 06:21	28°♈35'19	2.53687 AU
	-8331 Jun 15 j 07:39	0°♉	
conjunction	-8331 Jul 15 j 14:19	21°♉12'48	1°12'10
minimum elong	-8331 Jul 15 j 13:59	21°♉12'11	1°12'33
	-8331 Jul 27 j 19:53	0°♊	
morning rise	-8331 Sep 06 j 05:45	29°♊50'42	
	-8331 Sep 06 j 10:42	0°♋	
	-8331 Oct 15 j 18:21	0°♌	
	-8331 Nov 23 j 12:47	0°♍	
desc. node	-8331 Dec 27 j 02:48	25°♍49'11	
	-8330 Jan 01 j 14:50	0°♎	
	-8330 Feb 11 j 00:21	0°♏	
	-8330 Mar 26 j 01:21	0°♐	
	-8330 May 13 j 14:17	0°♑	
retrograde	-8330 Jul 31 j 05:15	27°♑27'22	
min. Earth dist.	-8330 Sep 05 j 22:06	18°♑48'15	0.63815 AU
opposition	-8330 Sep 09 j 03:05	17°♑30'48	-3°14'51
greatest brilliancy	-8330 Sep 08 j 19:15	17°♑38'42	-1.5m
direct	-8330 Oct 17 j 17:11	8°♑20'27	
asc. node	-8330 Dec 06 j 03:55	20°♑00'48	
	-8330 Dec 28 j 13:40	0°♒	
	-8329 Feb 22 j 02:36	0°♓	
	-8329 Apr 12 j 01:34	0°♈	
	-8329 May 27 j 08:26	0°♉	
	-8329 Jul 08 j 19:02	0°♊	
evening set	-8329 Jul 13 j 00:13	3°♊04'32	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

max. Earth dist.	-8329 Aug 02 j 21:41	18°♊32'58	2.41733 AU
	-8329 Aug 18 j 01:32	0°♋	
conjunction	-8329 Sep 07 j 20:05	15°♋56'30	0°46'35
minimum elong	-8329 Sep 07 j 22:54	16°♋01'57	0°47'05
	-8329 Sep 25 j 22:19	0°♌	
	-8329 Nov 03 j 05:50	0°♍	
morning rise	-8329 Nov 10 j 00:50	5°♍18'38	
desc. node	-8329 Nov 13 j 21:20	8°♍19'07	
	-8329 Dec 11 j 21:19	0°♎	
	-8328 Jan 20 j 17:20	0°♏	
	-8328 Mar 02 j 13:42	0°♐	
	-8328 Apr 16 j 09:11	0°♑	
	-8328 Jun 05 j 03:33	0°♒	
	-8328 Aug 14 j 12:33	0°♓	
retrograde	-8328 Sep 03 j 06:53	2°♓16'30	
	-8328 Sep 21 j 17:55	30°℞♒	
opposition	-8328 Oct 12 j 23:14	22°♒39'29	-0°24'01
greatest brilliancy	-8328 Oct 12 j 23:37	22°♒39'06	-1.4m
min. Earth dist.	-8328 Oct 13 j 11:41	22°♒26'59	0.66740 AU
asc. node	-8328 Oct 23 j 08:32	18°♒37'07	
direct	-8328 Nov 22 j 09:54	12°♒49'47	
	-8327 Jan 23 j 08:17	0°♓	
	-8327 Mar 20 j 00:36	0°♈	
	-8327 May 06 j 03:20	0°♉	
	-8327 Jun 18 j 02:54	0°♊	
	-8327 Jul 28 j 11:08	0°♋	
	-8327 Sep 05 j 05:52	0°♌	
evening set	-8327 Sep 10 j 04:18	3°♌51'57	
desc. node	-8327 Sep 30 j 15:51	19°♌57'00	
	-8327 Oct 13 j 10:58	0°♍	
conjunction	-8327 Nov 12 j 23:58	23°♍48'12	-0°31'36
minimum elong	-8327 Nov 12 j 21:18	23°♍43'03	0°31'27
	-8327 Nov 21 j 01:01	0°♎	
max. Earth dist.	-8327 Dec 28 j 22:11	28°♎35'33	2.42099 AU
	-8327 Dec 30 j 19:52	0°♏	
morning rise	-8326 Jan 16 j 10:16	12°♏08'32	
	-8326 Feb 10 j 11:18	0°♐	
	-8326 Mar 26 j 10:43	0°♑	
	-8326 May 12 j 04:27	0°♒	
	-8326 Jul 01 j 23:36	0°♓	
	-8326 Sep 04 j 03:35	0°♈	
asc. node	-8326 Sep 10 j 11:13	1°♈58'20	
retrograde	-8326 Oct 09 j 18:50	6°♈37'00	
	-8326 Nov 11 j 06:33	30°℞♓	
opposition	-8326 Nov 17 j 04:08	27°♓44'22	2°35'47
greatest brilliancy	-8326 Nov 17 j 11:55	27°♓36'44	-1.5m
min. Earth dist.	-8326 Nov 21 j 09:17	26°♓05'17	0.63510 AU
direct	-8326 Dec 28 j 03:54	17°♓44'53	
	-8325 Feb 15 j 14:07	0°♈	
	-8325 Apr 12 j 09:08	0°♉	
	-8325 May 27 j 13:47	0°♊	
	-8325 Jul 07 j 17:34	0°♋	
	-8325 Aug 15 j 21:34	0°♌	
desc. node	-8325 Aug 18 j 13:43	2°♌04'37	
	-8325 Sep 23 j 09:13	0°♍	
	-8325 Nov 01 j 05:50	0°♎	
evening set	-8325 Nov 15 j 12:56	10°♎50'05	
	-8325 Dec 11 j 07:38	0°♏	
conjunction	-8324 Jan 13 j 18:56	24°♏05'36	-1°11'33
minimum elong	-8324 Jan 13 j 18:33	24°♏04'55	1°11'58
	-8324 Jan 22 j 04:38	0°♐	
max. Earth dist.	-8324 Feb 17 j 00:13	17°♐47'51	2.54500 AU
	-8324 Mar 06 j 03:16	0°♑	
morning rise	-8324 Mar 09 j 08:37	2°♑08'48	
	-8324 Apr 21 j 02:19	0°♒	
	-8324 Jun 07 j 23:47	0°♓	
asc. node	-8324 Jul 28 j 09:49	29°♓58'27	
	-8324 Jul 28 j 10:53	0°♈	
	-8324 Sep 24 j 02:26	0°♉	
retrograde	-8324 Nov 21 j 13:40	15°♉35'27	
opposition	-8324 Dec 27 j 09:13	7°♉57'14	5°21'09
greatest brilliancy	-8324 Dec 28 j 16:39	7°♉28'27	-1.9m
min. Earth dist.	-8323 Jan 03 j 21:04	5°♉13'00	0.54397 AU
	-8323 Jan 22 j 01:57	30°℞♈	
direct	-8323 Feb 04 j 21:14	28°♈41'10	
	-8323 Feb 19 j 03:50	0°♉	
	-8323 Apr 28 j 11:10	0°♊	
	-8323 Jun 12 j 11:49	0°♋	
desc. node	-8323 Jul 05 j 15:58	16°♋49'00	
	-8323 Jul 23 j 08:16	0°♌	
	-8323 Aug 31 j 21:39	0°♍	
	-8323 Oct 10 j 15:08	0°♎	
	-8323 Nov 20 j 11:17	0°♏	
	-8322 Jan 01 j 23:42	0°♐	
evening set	-8322 Jan 08 j 16:02	4°♐35'49	
	-8322 Feb 15 j 08:24	0°♑	
conjunction	-8322 Mar 01 j 23:08	9°♑38'26	-0°53'58
minimum elong	-8322 Mar 02 j 00:49	9°♑41'12	0°54'31
max. Earth dist.	-8322 Mar 17 j 22:50	20°♑04'26	2.63197 AU
	-8322 Apr 02 j 07:15	0°♒	
morning rise	-8322 Apr 20 j 08:41	11°♒35'00	
	-8322 May 19 j 07:51	0°♓	
asc. node	-8322 Jun 15 j 03:35	16°♓55'31	
	-8322 Jul 05 j 23:42	0°♈	
	-8322 Aug 23 j 09:37	0°♉	
	-8322 Oct 13 j 01:36	0°♊	
	-8322 Dec 13 j 11:52	0°♋	
retrograde	-8321 Jan 21 j 14:44	8°♋01'42	
opposition	-8321 Feb 22 j 11:51	2°♋19'13	5°35'06
greatest brilliancy	-8321 Feb 24 j 00:03	1°♋52'06	-2.6m
min. Earth dist.	-8321 Mar 01 j 12:46	0°♋13'20	0.42093 AU
	-8321 Mar 02 j 07:10	30°℞♊	
direct	-8321 Mar 28 j 19:01	25°♊38'23	
	-8321 Apr 23 j 21:10	0°♋	
desc. node	-8321 May 23 j 19:43	12°♋59'12	
	-8321 Jun 21 j 19:55	0°♌	
	-8321 Aug 05 j 13:09	0°♍	
	-8321 Sep 17 j 04:54	0°♎	
	-8321 Oct 30 j 01:48	0°♏	
	-8321 Dec 13 j 01:16	0°♐	
	-8320 Jan 27 j 09:44	0°♑	
evening set	-8320 Feb 21 j 23:16	16°♑34'23	
	-8320 Mar 13 j 20:44	0°♒	
conjunction	-8320 Apr 10 j 13:04	17°♒41'59	-0°12'11
minimum elong	-8320 Apr 10 j 13:33	17°♒42'45	0°12'35
behind sun begin	-8320 Apr 10 j 01:30	17°♒23'31	
behind sun end	-8320 Apr 11 j 01:37	18°♒01'59	
max. Earth dist.	-8320 Apr 10 j 19:02	17°♒51'30	2.66685 AU
	-8320 Apr 29 j 19:07	0°♓	
asc. node	-8320 May 01 j 20:33	1°♓19'01	
morning rise	-8320 May 27 j 01:59	17°♓29'11	
	-8320 Jun 15 j 11:53	0°♈	
	-8320 Jul 31 j 11:44	0°♉	
	-8320 Sep 14 j 17:47	0°♊	
	-8320 Oct 29 j 14:55	0°♋	
	-8320 Dec 14 j 01:46	0°♌	
	-8319 Feb 01 j 06:32	0°♍	
retrograde	-8319 Apr 08 j 16:50	22°♍28'53	
desc. node	-8319 Apr 09 j 23:37	22°♍28'12	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

min. Earth dist.	-8319 May 06 j 05:28	17°♍55'32	0.39105 AU
opposition	-8319 May 10 j 22:29	16°♍35'18	-2°21'21
greatest brilliancy	-8319 May 10 j 10:39	16°♍43'44	-2.9m
direct	-8319 Jun 10 j 06:50	11°♍20'43	
	-8319 Aug 10 j 12:37	0°♎	
	-8319 Oct 02 j 09:44	0°♏	
	-8319 Nov 19 j 17:24	0°♐	
	-8318 Jan 06 j 09:38	0°♑	
	-8318 Feb 23 j 02:10	0°♒	
asc. node	-8318 Mar 19 j 15:29	15°♒29'45	
evening set	-8318 Apr 01 j 12:35	23°♒39'33	
	-8318 Apr 11 j 11:38	0°♓	
max. Earth dist.	-8318 May 05 j 02:51	15°♓09'21	2.64795 AU
conjunction	-8318 May 18 j 23:25	24°♓08'00	0°33'34
minimum elong	-8318 May 18 j 22:15	24°♓06'07	0°33'27
	-8318 May 27 j 23:10	0°♈	
morning rise	-8318 Jul 04 j 09:31	24°♈50'59	
	-8318 Jul 12 j 00:26	0°♉	
	-8318 Aug 24 j 11:35	0°♊	
	-8318 Oct 05 j 12:37	0°♋	
	-8318 Nov 15 j 13:45	0°♌	
	-8318 Dec 26 j 07:27	0°♍	
	-8317 Feb 05 j 23:51	0°♎	
desc. node	-8317 Feb 26 j 02:20	13°♎46'02	
	-8317 Mar 23 j 14:42	0°♏	
retrograde	-8317 Jun 05 j 22:33	27°♏38'56	
min. Earth dist.	-8317 Jul 05 j 16:36	21°♏37'34	0.50244 AU
greatest brilliancy	-8317 Jul 12 j 00:42	19°♏18'59	-2.1m
opposition	-8317 Jul 13 j 13:23	18°♏45'19	-5°50'34
direct	-8317 Aug 16 j 15:43	11°♏28'29	
	-8317 Oct 19 j 00:40	0°♐	
	-8317 Dec 14 j 05:54	0°♑	
	-8316 Feb 03 j 01:03	0°♒	
asc. node	-8316 Feb 04 j 14:04	0°♒56'00	
	-8316 Mar 22 j 17:33	0°♓	
	-8316 May 08 j 13:22	0°♈	
evening set	-8316 May 10 j 02:09	1°♈00'15	
max. Earth dist.	-8316 May 31 j 14:27	15°♈16'00	2.57708 AU
	-8316 Jun 22 j 07:38	0°♉	
conjunction	-8316 Jun 27 j 21:16	3°♉50'01	1°07'08
minimum elong	-8316 Jun 27 j 20:04	3°♉47'57	1°07'22
	-8316 Aug 04 j 00:03	0°♊	
morning rise	-8316 Aug 16 j 16:59	9°♊11'51	
	-8316 Sep 13 j 21:29	0°♋	
	-8316 Oct 23 j 12:58	0°♌	
	-8316 Dec 01 j 15:24	0°♍	
	-8315 Jan 10 j 01:50	0°♎	
desc. node	-8315 Jan 12 j 23:12	2°♎10'02	
	-8315 Feb 19 j 23:36	0°♏	
	-8315 Apr 05 j 05:07	0°♐	
	-8315 May 28 j 20:04	0°♑	
retrograde	-8315 Jul 16 j 22:23	12°♑52'21	
min. Earth dist.	-8315 Aug 20 j 22:11	4°♑49'47	0.60989 AU
opposition	-8315 Aug 25 j 14:03	2°♑58'17	-4°14'31
greatest brilliancy	-8315 Aug 24 j 22:49	3°♑13'29	-1.6m
	-8315 Sep 02 j 07:08	30°℞♐	
direct	-8315 Oct 02 j 02:55	24°♐11'41	
	-8315 Nov 04 j 03:51	0°♑	
asc. node	-8315 Dec 22 j 16:57	20°♑47'37	
	-8314 Jan 09 j 06:23	0°♒	
	-8314 Mar 02 j 12:24	0°♓	
	-8314 Apr 19 j 13:23	0°♈	
	-8314 Jun 03 j 13:44	0°♉	
evening set	-8314 Jun 23 j 07:04	13°♉44'11	
max. Earth dist.	-8314 Jul 09 j 05:42	25°♉06'12	2.46450 AU
	-8314 Jul 16 j 00:09	0°♊	
conjunction	-8314 Aug 15 j 23:53	22°♊54'58	1°04'24
minimum elong	-8314 Aug 16 j 01:48	22°♊58'34	1°04'55
	-8314 Aug 25 j 09:00	0°♋	
	-8314 Oct 03 j 09:08	0°♌	
morning rise	-8314 Oct 13 j 20:28	8°♌09'26	
	-8314 Nov 10 j 19:53	0°♍	
desc. node	-8314 Nov 30 j 16:39	15°♍26'52	
	-8314 Dec 19 j 14:06	0°♎	
	-8313 Jan 28 j 13:14	0°♏	
	-8313 Mar 11 j 15:55	0°♐	
	-8313 Apr 26 j 06:26	0°♑	
	-8313 Jun 18 j 06:21	0°♒	
retrograde	-8313 Aug 21 j 18:21	19°♒13'05	
opposition	-8313 Sep 30 j 15:46	9°♒25'05	-1°32'08
min. Earth dist.	-8313 Sep 29 j 17:11	9°♒47'52	0.66316 AU
greatest brilliancy	-8313 Sep 30 j 14:59	9°♒25'52	-1.4m
	-8313 Nov 03 j 20:29	30°℞♑	
direct	-8313 Nov 09 j 12:04	29°♑47'39	
asc. node	-8313 Nov 09 j 22:13	29°♑47'43	
	-8313 Nov 15 j 07:19	0°♒	
	-8312 Feb 06 j 00:22	0°♓	
	-8312 Mar 28 j 19:59	0°♈	
	-8312 May 13 j 23:59	0°♉	
	-8312 Jun 25 j 16:45	0°♊	
	-8312 Aug 04 j 23:16	0°♋	
evening set	-8312 Aug 16 j 02:35	8°♋31'46	
	-8312 Sep 12 j 17:55	0°♌	
conjunction	-8312 Oct 17 j 03:20	27°♌00'08	0°00'15
minimum elong	-8312 Oct 17 j 03:20	27°♌00'08	0°00'37
behind sun begin	-8312 Oct 16 j 00:00	26°♌06'30	
behind sun end	-8312 Oct 18 j 06:40	27°♌53'46	
desc. node	-8312 Oct 17 j 11:19	27°♌15'47	
	-8312 Oct 20 j 22:59	0°♍	
max. Earth dist.	-8312 Nov 07 j 06:45	13°♍33'08	2.38267 AU
	-8312 Nov 28 j 12:25	0°♎	
morning rise	-8312 Dec 22 j 07:35	18°♎06'23	
	-8311 Jan 07 j 06:23	0°♏	
	-8311 Feb 17 j 21:49	0°♐	
	-8311 Apr 03 j 01:15	0°♑	
	-8311 May 20 j 11:45	0°♒	
	-8311 Jul 13 j 00:59	0°♓	
retrograde	-8311 Sep 25 j 03:22	23°♓12'26	
asc. node	-8311 Sep 27 j 02:17	23°♓11'00	
opposition	-8311 Nov 03 j 03:42	13°♓59'35	1°25'53
greatest brilliancy	-8311 Nov 03 j 06:17	13°♓57'02	-1.4m
min. Earth dist.	-8311 Nov 05 j 22:14	12°♓53'33	0.65501 AU
direct	-8311 Dec 14 j 02:15	3°♓59'50	
	-8310 Mar 02 j 16:32	0°♈	
	-8310 Apr 22 j 02:39	0°♉	
	-8310 Jun 05 j 02:37	0°♊	
	-8310 Jul 15 j 19:58	0°♋	
	-8310 Aug 23 j 18:50	0°♌	
desc. node	-8310 Sep 04 j 07:44	9°♌01'05	
	-8310 Oct 01 j 02:39	0°♍	
evening set	-8310 Oct 21 j 08:22	15°♍46'11	
	-8310 Nov 08 j 19:19	0°♎	
	-8310 Dec 18 j 16:57	0°♏	
conjunction	-8310 Dec 22 j 12:06	2°♏47'28	-1°04'37
minimum elong	-8310 Dec 22 j 09:52	2°♏43'22	1°04'51
	-8309 Jan 29 j 10:10	0°♐	
max. Earth dist.	-8309 Feb 01 j 23:47	2°♐29'51	2.49862 AU
morning rise	-8309 Feb 19 j 12:18	14°♐36'37	
	-8309 Mar 14 j 07:05	0°♑	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

	-8309 Apr 29 j 09:58	0°♒	
	-8309 Jun 17 j 00:48	0°♓	
	-8309 Aug 08 j 22:58	0°♈	
asc. node	-8309 Aug 15 j 02:19	3°♈11'18	
retrograde	-8309 Nov 04 j 04:03	29°♈36'54	
opposition	-8309 Dec 11 j 03:50	21°♈24'59	4°22'02
greatest brilliancy	-8309 Dec 12 j 00:53	21°♈05'02	-1.7m
min. Earth dist.	-8309 Dec 17 j 12:03	19°♈00'46	0.58591 AU
direct	-8308 Jan 20 j 13:28	11°♈42'20	
	-8308 Mar 21 j 09:49	0°♉	
	-8308 May 10 j 18:03	0°♊	
	-8308 Jun 22 j 11:09	0°♋	
desc. node	-8308 Jul 22 j 07:27	22°♋19'33	
	-8308 Aug 01 j 09:00	0°♌	
	-8308 Sep 09 j 08:35	0°♍	
	-8308 Oct 18 j 15:07	0°♎	
	-8308 Nov 28 j 01:56	0°♏	
evening set	-8308 Dec 19 j 20:45	15°♏39'37	
	-8307 Jan 09 j 06:28	0°♐	
conjunction	-8307 Feb 12 j 12:20	23°♐23'30	-1°05'14
minimum elong	-8307 Feb 12 j 13:46	23°♐25'55	1°05'45
	-8307 Feb 22 j 09:32	0°♑	
max. Earth dist.	-8307 Mar 07 j 06:00	8°♑30'41	2.60383 AU
morning rise	-8307 Apr 04 j 20:37	27°♑09'23	
	-8307 Apr 09 j 06:31	0°♒	
	-8307 May 26 j 12:07	0°♓	
asc. node	-8307 Jul 01 j 21:33	22°♓38'07	
	-8307 Jul 13 j 21:46	0°♈	
	-8307 Sep 02 j 07:07	0°♉	
	-8307 Oct 29 j 15:15	0°♊	
retrograde	-8307 Dec 25 j 18:35	15°♊14'15	
opposition	-8306 Jan 28 j 09:06	8°♊42'42	6°10'30
greatest brilliancy	-8306 Jan 30 j 03:39	8°♊07'21	-2.3m
min. Earth dist.	-8306 Feb 05 j 15:58	5°♊58'53	0.46825 AU
direct	-8306 Mar 06 j 05:23	0°♊45'45	
	-8306 May 22 j 07:34	0°♋	
desc. node	-8306 Jun 09 j 11:56	11°♋37'49	
	-8306 Jul 06 j 05:25	0°♌	
	-8306 Aug 16 j 16:57	0°♍	
	-8306 Sep 26 j 16:39	0°♎	
	-8306 Nov 07 j 11:36	0°♏	
	-8306 Dec 20 j 17:15	0°♐	
	-8305 Feb 03 j 13:55	0°♑	
evening set	-8305 Feb 05 j 15:34	1°♑21'34	
	-8305 Mar 21 j 18:26	0°♒	
conjunction	-8305 Mar 27 j 08:01	3°♒34'29	-0°29'40
minimum elong	-8305 Mar 27 j 09:09	3°♒36'18	0°30'10
max. Earth dist.	-8305 Apr 02 j 13:10	7°♒33'32	2.65969 AU
	-8305 May 07 j 16:05	0°♓	
morning rise	-8305 May 13 j 15:39	3°♓49'03	
asc. node	-8305 May 19 j 13:52	7°♓35'53	
	-8305 Jun 23 j 15:05	0°♈	
	-8305 Aug 09 j 07:15	0°♉	
	-8305 Sep 24 j 21:33	0°♊	
	-8305 Nov 11 j 08:37	0°♋	
	-8304 Jan 01 j 23:02	0°♌	
retrograde	-8304 Mar 09 j 17:34	21°♌55'50	
opposition	-8304 Apr 09 j 11:39	16°♌47'44	1°22'10
greatest brilliancy	-8304 Apr 09 j 14:08	16°♌46'05	-3.0m
min. Earth dist.	-8304 Apr 09 j 19:49	16°♌42'17	0.38043 AU
desc. node	-8304 Apr 26 j 16:56	12°♌47'58	
direct	-8304 May 09 j 22:31	11°♌39'44	
	-8304 Jul 08 j 09:10	0°♍	
	-8304 Aug 28 j 09:19	0°♎	
	-8304 Oct 13 j 17:50	0°♏	
	-8304 Nov 28 j 15:29	0°♐	
	-8303 Jan 14 j 03:05	0°♑	
	-8303 Mar 02 j 04:55	0°♒	
evening set	-8303 Mar 17 j 10:31	9°♒40'30	
asc. node	-8303 Apr 05 j 07:14	21°♒40'24	
	-8303 Apr 18 j 08:27	0°♓	
max. Earth dist.	-8303 Apr 25 j 12:22	4°♓35'02	2.66166 AU
conjunction	-8303 May 04 j 01:19	10°♓03'44	0°16'24
minimum elong	-8303 May 04 j 00:43	10°♓02'46	0°16'09
	-8303 Jun 03 j 20:35	0°♈	
morning rise	-8303 Jun 19 j 04:09	10°♈02'21	
	-8303 Jul 19 j 04:32	0°♉	
	-8303 Sep 01 j 04:28	0°♊	
	-8303 Oct 14 j 00:19	0°♋	
	-8303 Nov 25 j 02:47	0°♌	
	-8302 Jan 06 j 07:58	0°♍	
	-8302 Feb 19 j 18:14	0°♎	
desc. node	-8302 Mar 14 j 19:04	13°♎53'49	
	-8302 Apr 18 j 04:11	0°♏	
retrograde	-8302 May 16 j 22:19	5°♏21'42	
min. Earth dist.	-8302 Jun 13 j 17:43	0°♏11'43	0.45280 AU
	-8302 Jun 14 j 07:58	30°℞♎	
greatest brilliancy	-8302 Jun 20 j 07:17	27°♎59'08	-2.4m
opposition	-8302 Jun 21 j 20:56	27°♎27'14	-5°30'31
direct	-8302 Jul 24 j 06:58	20°♎59'43	
	-8302 Sep 03 j 04:08	0°♏	
	-8302 Nov 02 j 11:51	0°♐	
	-8302 Dec 23 j 14:55	0°♑	
	-8301 Feb 10 j 19:22	0°♒	
asc. node	-8301 Feb 21 j 05:03	6°♒25'59	
	-8301 Mar 30 j 20:32	0°♓	
evening set	-8301 Apr 25 j 10:46	16°♓20'01	
	-8301 May 16 j 11:42	0°♈	
max. Earth dist.	-8301 May 21 j 08:26	3°♈11'39	2.61071 AU
conjunction	-8301 Jun 12 j 09:19	17°♈50'43	0°56'48
minimum elong	-8301 Jun 12 j 07:48	17°♈48'11	0°56'54
	-8301 Jun 30 j 07:41	0°♉	
morning rise	-8301 Jul 30 j 07:52	20°♉50'02	
	-8301 Aug 12 j 06:04	0°♊	
	-8301 Sep 22 j 12:08	0°♋	
	-8301 Nov 01 j 13:36	0°♌	
	-8301 Dec 11 j 02:44	0°♍	
	-8300 Jan 20 j 01:44	0°♎	
desc. node	-8300 Jan 30 j 17:53	7°♎50'30	
	-8300 Mar 01 j 20:47	0°♏	
	-8300 Apr 17 j 13:58	0°♐	
retrograde	-8300 Jul 01 j 18:33	27°♐01'20	
min. Earth dist.	-8300 Aug 03 j 20:37	19°♐41'00	0.57345 AU
opposition	-8300 Aug 09 j 22:00	17°♐18'53	-5°05'50
greatest brilliancy	-8300 Aug 08 j 21:55	17°♐42'28	-1.8m
direct	-8300 Sep 15 j 05:42	9°♐01'33	
	-8300 Nov 23 j 21:41	0°♑	
asc. node	-8299 Jan 08 j 06:41	23°♑55'01	
	-8299 Jan 18 j 23:40	0°♒	
	-8299 Mar 10 j 08:56	0°♓	
	-8299 Apr 26 j 19:21	0°♈	
evening set	-8299 Jun 05 j 04:46	26°♈15'03	
	-8299 Jun 10 j 16:05	0°♉	
max. Earth dist.	-8299 Jun 21 j 18:33	7°♉41'06	2.51218 AU
	-8299 Jul 23 j 04:09	0°♊	
conjunction	-8299 Jul 26 j 10:51	2°♊22'43	1°11'53
minimum elong	-8299 Jul 26 j 11:16	2°♊23'28	1°12'20
	-8299 Sep 01 j 17:10	0°♋	
morning rise	-8299 Sep 19 j 01:33	13°♋10'47	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

	-8299 Oct 10 j 22:14	0°♌	
	-8299 Nov 18 j 13:45	0°♍	
desc. node	-8299 Dec 17 j 13:06	22°♍23'00	
	-8299 Dec 27 j 12:10	0°♎	
	-8298 Feb 05 j 16:20	0°♏	
	-8298 Mar 20 j 05:50	0°♐	
	-8298 May 06 j 06:15	0°♑	
	-8298 Jul 07 j 00:41	0°♒	
retrograde	-8298 Aug 08 j 04:19	5°♒50'13	
	-8298 Sep 06 j 17:23	30°℞♑	
min. Earth dist.	-8298 Sep 14 j 17:17	26°♑53'30	0.64959 AU
opposition	-8298 Sep 17 j 03:07	25°♑55'11	-2°38'05
greatest brilliancy	-8298 Sep 16 j 22:28	25°♑59'52	-1.4m
direct	-8298 Oct 26 j 05:04	16°♑34'00	
asc. node	-8298 Nov 26 j 11:29	21°♑45'14	
	-8298 Dec 19 j 00:02	0°♒	
	-8297 Feb 16 j 03:52	0°♓	
	-8297 Apr 06 j 23:02	0°♈	
	-8297 May 22 j 12:51	0°♉	
	-8297 Jul 04 j 01:49	0°♊	
evening set	-8297 Jul 25 j 03:24	15°♊31'09	
	-8297 Aug 13 j 08:22	0°♋	
max. Earth dist.	-8297 Aug 24 j 12:27	8°♋32'40	2.39462 AU
conjunction	-8297 Sep 21 j 22:07	0°♌34'44	0°31'45
minimum elong	-8297 Sep 22 j 00:36	0°♌39'35	0°32'12
	-8297 Sep 21 j 04:20	0°♌	
	-8297 Oct 29 j 10:48	0°♍	
desc. node	-8297 Nov 04 j 05:57	4°♍32'26	
morning rise	-8297 Nov 25 j 22:51	21°♍26'34	
	-8297 Dec 07 j 01:03	0°♎	
	-8296 Jan 15 j 19:30	0°♏	
	-8296 Feb 26 j 12:46	0°♐	
	-8296 Apr 10 j 23:45	0°♑	
	-8296 May 29 j 14:14	0°♒	
	-8296 Jul 28 j 04:48	0°♓	
retrograde	-8296 Sep 11 j 03:34	10°♓08'58	
asc. node	-8296 Oct 13 j 16:22	3°♓23'17	
opposition	-8296 Oct 20 j 15:12	0°♓39'31	0°16'05
greatest brilliancy	-8296 Oct 20 j 15:25	0°♓39'18	-1.4m
min. Earth dist.	-8296 Oct 21 j 22:43	0°♓07'56	0.66572 AU
	-8296 Oct 22 j 06:39	30°℞♒	
direct	-8296 Nov 30 j 07:23	20°♒44'57	
	-8295 Jan 12 j 07:18	0°♓	
	-8295 Mar 13 j 19:30	0°♈	
	-8295 Apr 30 j 20:36	0°♉	
	-8295 Jun 13 j 04:04	0°♊	
	-8295 Jul 23 j 15:16	0°♋	
	-8295 Aug 31 j 11:06	0°♌	
desc. node	-8295 Sep 21 j 02:18	16°♌11'05	
evening set	-8295 Sep 24 j 23:53	19°♌14'54	
	-8295 Oct 08 j 16:35	0°♍	
	-8295 Nov 16 j 06:39	0°♎	
conjunction	-8295 Nov 27 j 21:06	8°♎52'02	-0°46'41
minimum elong	-8295 Nov 27 j 17:54	8°♎45'56	0°46'40
	-8295 Dec 26 j 01:28	0°♏	
max. Earth dist.	-8294 Jan 13 j 06:59	13°♏19'29	2.44853 AU
morning rise	-8294 Jan 29 j 13:18	24°♏58'03	
	-8294 Feb 05 j 16:27	0°♐	
	-8294 Mar 21 j 13:30	0°♑	
	-8294 May 06 j 23:38	0°♒	
	-8294 Jun 25 j 17:44	0°♓	
	-8294 Aug 22 j 11:32	0°♈	
asc. node	-8294 Aug 31 j 18:05	3°♈54'18	
retrograde	-8294 Oct 18 j 15:43	15°♈00'39	
opposition	-8294 Nov 25 j 14:18	6°♈21'02	3°15'28
greatest brilliancy	-8294 Nov 26 j 02:11	6°♈09'30	-1.5m
min. Earth dist.	-8294 Nov 30 j 13:49	4°♈25'02	0.62022 AU
	-8294 Dec 13 j 04:30	30°℞♓	
direct	-8293 Jan 05 j 10:58	26°♓24'57	
	-8293 Jan 30 j 08:19	0°♈	
	-8293 Apr 05 j 09:17	0°♉	
	-8293 May 21 j 20:13	0°♊	
	-8293 Jul 02 j 10:47	0°♋	
desc. node	-8293 Aug 09 j 01:59	28°♋38'41	
	-8293 Aug 10 j 20:04	0°♌	
	-8293 Sep 18 j 11:04	0°♍	
	-8293 Oct 27 j 10:00	0°♎	
evening set	-8293 Nov 28 j 22:06	24°♎22'41	
	-8293 Dec 06 j 13:38	0°♏	
	-8292 Jan 17 j 11:58	0°♐	
conjunction	-8292 Jan 25 j 11:47	5°♐33'40	-1°11'16
minimum elong	-8292 Jan 25 j 12:17	5°♐34'32	1°11'44
max. Earth dist.	-8292 Feb 24 j 14:25	26°♐05'09	2.56779 AU
	-8292 Mar 01 j 10:48	0°♑	
morning rise	-8292 Mar 19 j 09:42	11°♑52'57	
	-8292 Apr 16 j 07:50	0°♒	
	-8292 Jun 02 j 21:45	0°♓	
asc. node	-8292 Jul 18 j 14:31	27°♓44'52	
	-8292 Jul 22 j 10:02	0°♈	
	-8292 Sep 14 j 07:01	0°♉	
retrograde	-8292 Dec 03 j 01:58	25°♉55'00	
opposition	-8291 Jan 07 j 04:09	18°♉38'25	5°47'34
greatest brilliancy	-8291 Jan 08 j 16:56	18°♉05'37	-2.0m
min. Earth dist.	-8291 Jan 15 j 03:28	15°♉48'45	0.51797 AU
direct	-8291 Feb 14 j 21:40	9°♉44'49	
	-8291 Apr 18 j 14:36	0°♊	
	-8291 Jun 05 j 12:24	0°♋	
desc. node	-8291 Jun 26 j 03:56	14°♋33'19	
	-8291 Jul 17 j 07:04	0°♌	
	-8291 Aug 26 j 08:31	0°♍	
	-8291 Oct 05 j 10:04	0°♎	
	-8291 Nov 15 j 12:17	0°♏	
	-8291 Dec 28 j 05:11	0°♐	
evening set	-8290 Jan 19 j 04:57	14°♐58'35	
	-8290 Feb 10 j 16:41	0°♑	
conjunction	-8290 Mar 11 j 10:53	18°♑51'13	-0°45'46
minimum elong	-8290 Mar 11 j 12:28	18°♑53'47	0°46'17
max. Earth dist.	-8290 Mar 23 j 20:46	26°♑53'28	2.64397 AU
	-8290 Mar 28 j 16:26	0°♒	
morning rise	-8290 Apr 28 j 23:45	20°♒03'01	
	-8290 May 14 j 15:04	0°♓	
asc. node	-8290 Jun 05 j 07:55	13°♓46'08	
	-8290 Jun 30 j 23:30	0°♈	
	-8290 Aug 17 j 15:18	0°♉	
	-8290 Oct 05 j 09:08	0°♊	
	-8290 Nov 27 j 09:36	0°♋	
retrograde	-8289 Feb 07 j 09:19	23°♋02'09	
opposition	-8289 Mar 10 j 11:35	17°♋42'10	4°33'01
greatest brilliancy	-8289 Mar 11 j 12:35	17°♋24'26	-2.7m
min. Earth dist.	-8289 Mar 15 j 17:53	16°♋12'47	0.39987 AU
direct	-8289 Apr 12 j 05:48	11°♋43'35	
desc. node	-8289 May 14 j 08:06	18°♋07'00	
	-8289 Jun 09 j 05:52	0°♌	
	-8289 Jul 28 j 10:11	0°♍	
	-8289 Sep 10 j 16:39	0°♎	
	-8289 Oct 24 j 10:07	0°♏	
	-8289 Dec 07 j 22:12	0°♐	
	-8288 Jan 22 j 14:15	0°♑	
evening set	-8288 Mar 02 j 00:34	25°♑23'31	
	-8288 Mar 09 j 05:26	0°♒	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

max. Earth dist.	-8288 Apr 16 j 06:03	24°♒16'32	2.66719 AU
conjunction	-8288 Apr 19 j 04:06	26°♒08'22	-0°01'41
minimum elong	-8288 Apr 19 j 04:08	26°♒08'26	0°02'03
behind sun begin	-8288 Apr 18 j 08:43	25°♒37'27	
behind sun end	-8288 Apr 19 j 23:33	26°♒39'25	
asc. node	-8288 Apr 22 j 01:23	27°♒59'02	
	-8288 Apr 25 j 05:03	0°♓	
morning rise	-8288 Jun 04 j 10:42	25°♓52'15	
	-8288 Jun 10 j 19:36	0°♈	
	-8288 Jul 26 j 13:09	0°♉	
	-8288 Sep 09 j 06:49	0°♊	
	-8288 Oct 23 j 06:35	0°♋	
	-8288 Dec 06 j 03:16	0°♌	
	-8287 Jan 20 j 10:23	0°♍	
	-8287 Mar 15 j 16:27	0°♎	
desc. node	-8287 Mar 31 j 12:36	5°♎41'30	
retrograde	-8287 Apr 23 j 13:39	9°♎11'39	
min. Earth dist.	-8287 May 20 j 14:28	4°♎35'53	0.40847 AU
greatest brilliancy	-8287 May 26 j 04:34	2°♎54'26	-2.7m
opposition	-8287 May 27 j 05:19	2°♎35'37	-3°57'00
	-8287 Jun 05 j 07:37	30°℞♍	
direct	-8287 Jun 27 j 00:56	26°♍59'12	
	-8287 Jul 19 j 08:21	0°♎	
	-8287 Sep 23 j 21:42	0°♏	
	-8287 Nov 13 j 12:51	0°♐	
	-8286 Jan 01 j 03:09	0°♑	
	-8286 Feb 18 j 06:16	0°♒	
asc. node	-8286 Mar 09 j 21:10	12°♒18'27	
	-8286 Apr 06 j 20:42	0°♓	
evening set	-8286 Apr 10 j 04:33	2°♓07'07	
max. Earth dist.	-8286 May 10 j 20:58	21°♓50'30	2.63675 AU
	-8286 May 23 j 09:18	0°♈	
conjunction	-8286 May 27 j 17:16	2°♈50'28	0°42'48
minimum elong	-8286 May 27 j 15:52	2°♈48'11	0°42'46
	-8286 Jul 07 j 08:38	0°♉	
morning rise	-8286 Jul 13 j 12:35	4°♉12'19	
	-8286 Aug 19 j 14:53	0°♊	
	-8286 Sep 30 j 08:29	0°♋	
	-8286 Nov 09 j 23:49	0°♌	
	-8286 Dec 20 j 05:07	0°♍	
	-8285 Jan 30 j 01:38	0°♎	
desc. node	-8285 Feb 16 j 12:14	12°♎21'50	
	-8285 Mar 14 j 15:28	0°♏	
	-8285 May 07 j 19:36	0°♐	
retrograde	-8285 Jun 16 j 05:13	9°♐14'40	
min. Earth dist.	-8285 Jul 17 j 04:35	2°♐43'21	0.52929 AU
greatest brilliancy	-8285 Jul 23 j 02:52	0°♐29'26	-2.0m
opposition	-8285 Jul 24 j 11:42	29°♏58'21	-5°41'59
	-8285 Jul 24 j 09:57	30°℞♏	
direct	-8285 Aug 28 j 09:51	22°♏17'43	
	-8285 Oct 05 j 10:38	0°♐	
	-8285 Dec 07 j 11:57	0°♑	
asc. node	-8284 Jan 25 j 21:17	28°♑20'23	
	-8284 Jan 28 j 16:18	0°♒	
	-8284 Mar 17 j 21:23	0°♓	
	-8284 May 03 j 22:09	0°♈	
evening set	-8284 May 19 j 07:10	10°♈07'30	
max. Earth dist.	-8284 Jun 07 j 17:04	23°♈09'24	2.55566 AU
	-8284 Jun 17 j 17:37	0°♉	
conjunction	-8284 Jul 07 j 19:12	13°♉56'21	1°10'47
minimum elong	-8284 Jul 07 j 18:26	13°♉55'01	1°11'07
	-8284 Jul 30 j 08:40	0°♊	
morning rise	-8284 Aug 28 j 01:24	20°♊59'48	
	-8284 Sep 09 j 03:03	0°♋	
	-8284 Oct 18 j 14:18	0°♌	
	-8284 Nov 26 j 12:03	0°♍	
desc. node	-8283 Jan 03 j 08:24	28°♍58'36	
	-8283 Jan 04 j 16:51	0°♎	
	-8283 Feb 14 j 05:47	0°♏	
	-8283 Mar 29 j 15:03	0°♐	
	-8283 May 18 j 13:11	0°♑	
retrograde	-8283 Jul 25 j 05:48	21°♑47'46	
min. Earth dist.	-8283 Aug 30 j 04:40	13°♑24'23	0.62668 AU
opposition	-8283 Sep 03 j 01:34	11°♑51'12	-3°40'44
greatest brilliancy	-8283 Sep 02 j 14:41	12°♑02'07	-1.5m
direct	-8283 Oct 11 j 04:38	2°♑50'55	
asc. node	-8283 Dec 13 j 00:44	20°♑18'40	
	-8282 Jan 02 j 01:22	0°♒	
	-8282 Feb 25 j 01:26	0°♓	
	-8282 Apr 14 j 15:37	0°♈	
	-8282 May 29 j 20:55	0°♉	
evening set	-8282 Jul 04 j 05:51	24°♉51'15	
	-8282 Jul 11 j 08:44	0°♊	
max. Earth dist.	-8282 Jul 21 j 18:47	7°♊36'54	2.43810 AU
	-8282 Aug 20 j 17:12	0°♋	
conjunction	-8282 Aug 28 j 14:05	5°♋59'48	0°55'36
minimum elong	-8282 Aug 28 j 16:40	6°♋04'44	0°56'09
	-8282 Sep 28 j 15:50	0°♌	
morning rise	-8282 Oct 28 j 22:26	23°♌40'06	
	-8282 Nov 06 j 00:42	0°♍	
desc. node	-8282 Nov 21 j 03:27	11°♍47'35	
	-8282 Dec 14 j 16:40	0°♎	
	-8281 Jan 23 j 12:40	0°♏	
	-8281 Mar 06 j 09:53	0°♐	
	-8281 Apr 20 j 10:03	0°♑	
	-8281 Jun 10 j 02:48	0°♒	
retrograde	-8281 Aug 29 j 13:36	27°♒11'52	
opposition	-8281 Oct 08 j 08:28	17°♒29'18	-0°52'41
greatest brilliancy	-8281 Oct 08 j 08:40	17°♒29'06	-1.4m
min. Earth dist.	-8281 Oct 08 j 04:52	17°♒32'56	0.66677 AU
asc. node	-8281 Oct 31 j 05:42	9°♒42'48	
direct	-8281 Nov 17 j 13:06	7°♒44'36	
	-8280 Jan 29 j 08:05	0°♓	
	-8280 Mar 23 j 04:51	0°♈	
	-8280 May 08 j 22:48	0°♉	
	-8280 Jun 20 j 20:40	0°♊	
	-8280 Jul 31 j 05:06	0°♋	
evening set	-8280 Aug 30 j 00:25	22°♋58'44	
	-8280 Sep 08 j 00:12	0°♌	
desc. node	-8280 Oct 07 j 21:44	23°♌28'16	
	-8280 Oct 16 j 05:18	0°♍	
conjunction	-8280 Nov 01 j 07:21	12°♍35'25	-0°18'18
minimum elong	-8280 Nov 01 j 05:40	12°♍32'09	0°18'03
	-8280 Nov 23 j 18:29	0°♎	
max. Earth dist.	-8280 Dec 11 j 23:54	13°♎54'33	2.40064 AU
	-8279 Jan 02 j 11:49	0°♏	
morning rise	-8279 Jan 05 j 20:21	2°♏28'40	
	-8279 Feb 13 j 01:49	0°♐	
	-8279 Mar 29 j 00:55	0°♑	
	-8279 May 14 j 23:05	0°♒	
	-8279 Jul 05 j 14:31	0°♓	
asc. node	-8279 Sep 17 j 08:37	29°♓46'52	
	-8279 Sep 18 j 14:56	0°♈	
retrograde	-8279 Oct 03 j 11:00	1°♈17'04	
	-8279 Oct 17 j 11:40	30°℞♓	
opposition	-8279 Nov 11 j 03:18	22°♓14'47	2°06'21
greatest brilliancy	-8279 Nov 11 j 08:28	22°♓09'40	-1.4m
min. Earth dist.	-8279 Nov 14 j 16:33	20°♓50'39	0.64526 AU
direct	-8279 Dec 22 j 02:59	12°♓14'21	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

	-8278 Feb 21 j 23:47	0°♈	
	-8278 Apr 16 j 02:06	0°♉	
	-8278 May 30 j 18:39	0°♊	
	-8278 Jul 10 j 18:33	0°♋	
	-8278 Aug 18 j 20:27	0°♌	
desc. node	-8278 Aug 25 j 18:50	5°♌24'02	
	-8278 Sep 26 j 06:11	0°♍	
evening set	-8278 Nov 04 j 19:20	0°♎36'23	
	-8278 Nov 04 j 00:18	0°♎	
	-8278 Dec 13 j 23:05	0°♏	
conjunction	-8277 Jan 04 j 10:30	15°♏36'41	-1°09'47
minimum elong	-8277 Jan 04 j 09:19	15°♏34'34	1°10'08
	-8277 Jan 24 j 17:09	0°♐	
max. Earth dist.	-8277 Feb 11 j 01:15	12°♐02'24	2.52490 AU
morning rise	-8277 Mar 02 j 11:54	25°♐15'47	
	-8277 Mar 09 j 13:28	0°♑	
	-8277 Apr 24 j 12:43	0°♒	
	-8277 Jun 11 j 15:35	0°♓	
	-8277 Aug 01 j 22:12	0°♈	
asc. node	-8277 Aug 05 j 07:48	1°♈52'49	
	-8277 Oct 02 j 23:52	0°♉	
retrograde	-8277 Nov 14 j 09:06	8°♉58'03	
opposition	-8277 Dec 20 j 18:07	1°♉03'43	4°56'56
greatest brilliancy	-8277 Dec 21 j 20:52	0°♉38'46	-1.8m
	-8277 Dec 23 j 14:19	30°℞♈	
min. Earth dist.	-8277 Dec 27 j 18:00	28°♈27'32	0.56378 AU
direct	-8276 Jan 29 j 17:00	21°♈33'51	
	-8276 Mar 08 j 09:36	0°♉	
	-8276 May 03 j 13:41	0°♊	
	-8276 Jun 16 j 11:13	0°♋	
desc. node	-8276 Jul 12 j 20:08	19°♋25'16	
	-8276 Jul 26 j 20:48	0°♌	
	-8276 Sep 04 j 03:18	0°♍	
	-8276 Oct 13 j 14:48	0°♎	
	-8276 Nov 23 j 05:21	0°♏	
evening set	-8276 Dec 31 j 08:54	27°♏06'17	
	-8275 Jan 04 j 12:54	0°♐	
	-8275 Feb 17 j 17:42	0°♑	
conjunction	-8275 Feb 22 j 15:52	3°♑16'03	-0°59'13
minimum elong	-8275 Feb 22 j 17:31	3°♑18'47	0°59'45
max. Earth dist.	-8275 Mar 13 j 13:05	15°♑41'16	2.62035 AU
	-8275 Apr 04 j 14:45	0°♒	
morning rise	-8275 Apr 13 j 20:41	5°♒56'39	
	-8275 May 21 j 16:39	0°♓	
asc. node	-8275 Jun 22 j 02:13	19°♓42'37	
	-8275 Jul 08 j 15:02	0°♈	
	-8275 Aug 26 j 18:16	0°♉	
	-8275 Oct 18 j 11:41	0°♊	
retrograde	-8274 Jan 09 j 10:10	28°♊04'48	
opposition	-8274 Feb 11 j 01:42	22°♊00'39	5°59'33
greatest brilliancy	-8274 Feb 12 j 18:48	21°♊28'21	-2.4m
min. Earth dist.	-8274 Feb 18 j 22:33	19°♊33'10	0.44122 AU
direct	-8274 Mar 18 j 14:34	14°♊44'14	
	-8274 May 09 j 15:17	0°♋	
desc. node	-8274 May 30 j 23:59	11°♋56'01	
	-8274 Jun 28 j 04:17	0°♌	
	-8274 Aug 10 j 03:02	0°♍	
	-8274 Sep 20 j 21:54	0°♎	
	-8274 Nov 02 j 04:55	0°♏	
	-8274 Dec 15 j 18:49	0°♐	
	-8273 Jan 29 j 20:37	0°♑	
evening set	-8273 Feb 15 j 02:21	10°♑35'35	
	-8273 Mar 17 j 03:58	0°♒	
conjunction	-8273 Apr 05 j 02:59	12°♒08'43	-0°19'38
minimum elong	-8273 Apr 05 j 03:45	12°♒09'57	0°20'05
max. Earth dist.	-8273 Apr 08 j 01:40	14°♒01'41	2.66469 AU
	-8273 May 03 j 01:42	0°♓	
asc. node	-8273 May 09 j 18:58	4°♓17'34	
morning rise	-8273 May 21 j 22:58	12°♓04'33	
	-8273 Jun 18 j 21:08	0°♈	
	-8273 Aug 04 j 04:03	0°♉	
	-8273 Sep 18 j 22:56	0°♊	
	-8273 Nov 03 j 18:48	0°♋	
	-8273 Dec 21 j 02:50	0°♌	
	-8272 Feb 15 j 01:36	0°♍	
retrograde	-8272 Mar 27 j 03:46	9°♍37'39	
desc. node	-8272 Apr 17 j 03:46	6°♍53'08	
min. Earth dist.	-8272 Apr 24 j 20:22	4°♍54'14	0.38250 AU
opposition	-8272 Apr 27 j 11:17	4°♍11'23	-0°49'01
greatest brilliancy	-8272 Apr 27 j 08:33	4°♍13'15	-2.9m
	-8272 May 15 j 19:54	30°℞♌	
direct	-8272 May 27 j 15:25	29°♌06'39	
	-8272 Jun 08 j 09:58	0°♍	
	-8272 Aug 18 j 18:19	0°♎	
	-8272 Oct 06 j 22:39	0°♏	
	-8272 Nov 23 j 00:34	0°♐	
	-8271 Jan 09 j 02:21	0°♑	
	-8271 Feb 25 j 11:43	0°♒	
evening set	-8271 Mar 26 j 02:59	18°♒08'04	
asc. node	-8271 Mar 26 j 13:28	18°♒24'42	
	-8271 Apr 13 j 18:31	0°♓	
max. Earth dist.	-8271 May 01 j 01:40	11°♓04'44	2.65513 AU
conjunction	-8271 May 12 j 14:17	18°♓30'29	0°26'30
minimum elong	-8271 May 12 j 13:20	18°♓28'57	0°26'18
	-8271 May 30 j 06:40	0°♈	
morning rise	-8271 Jun 27 j 19:18	18°♈49'04	
	-8271 Jul 14 j 11:37	0°♉	
	-8271 Aug 27 j 04:51	0°♊	
	-8271 Oct 08 j 14:20	0°♋	
	-8271 Nov 19 j 01:41	0°♌	
	-8271 Dec 30 j 08:31	0°♍	
	-8270 Feb 10 j 21:32	0°♎	
desc. node	-8270 Mar 05 j 06:58	14°♎44'57	
	-8270 Mar 31 j 01:52	0°♏	
retrograde	-8270 May 28 j 17:22	18°♏51'52	
min. Earth dist.	-8270 Jun 26 j 12:32	13°♏14'00	0.48009 AU
greatest brilliancy	-8270 Jul 03 j 00:57	10°♏55'52	-2.2m
opposition	-8270 Jul 04 j 15:18	10°♏21'42	-5°49'08
direct	-8270 Aug 07 j 00:16	3°♏26'02	
	-8270 Oct 25 j 02:01	0°♐	
	-8270 Dec 17 j 16:02	0°♑	
	-8269 Feb 05 j 17:05	0°♒	
asc. node	-8269 Feb 11 j 11:23	3°♒31'25	
	-8269 Mar 26 j 03:03	0°♓	
evening set	-8269 May 04 j 08:27	25°♓04'49	
	-8269 May 11 j 21:28	0°♈	
max. Earth dist.	-8269 May 27 j 17:51	10°♈27'00	2.59311 AU
conjunction	-8269 Jun 21 j 16:38	27°♈14'28	1°03'16
minimum elong	-8269 Jun 21 j 15:14	27°♈12'06	1°03'28
	-8269 Jun 25 j 17:32	0°♉	
	-8269 Aug 07 j 13:27	0°♊	
morning rise	-8269 Aug 09 j 13:21	1°♊25'49	
	-8269 Sep 17 j 15:30	0°♋	
	-8269 Oct 27 j 11:37	0°♌	
	-8269 Dec 05 j 18:31	0°♍	
	-8268 Jan 14 j 09:25	0°♎	
desc. node	-8268 Jan 21 j 04:52	5°♎04'23	
	-8268 Feb 24 j 13:32	0°♏	
	-8268 Apr 09 j 12:28	0°♐	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

	-8268 Jun 06 j 21:10	0°♑		
retrograde	-8268 Jul 10 j 14:41	6°♑42'16		
	-8268 Aug 11 j 02:23	30°℞♐		
min. Earth dist.	-8268 Aug 13 j 18:32	28°♐57'56	0.59451 AU	
greatest brilliancy	-8268 Aug 18 j 06:50	27°♐10'44	-1.7m	
opposition	-8268 Aug 19 j 01:53	26°♐51'51	-4°37'38	
direct	-8268 Sep 25 j 01:44	18°♐17'43		
	-8268 Nov 13 j 05:48	0°♑		
asc. node	-8268 Dec 29 j 13:27	22°♑14'10		
	-8267 Jan 12 j 19:24	0°♒		
	-8267 Mar 05 j 05:27	0°♓		
	-8267 Apr 22 j 00:55	0°♈		
	-8267 Jun 06 j 00:59	0°♉		
evening set	-8267 Jun 15 j 08:03	6°♉25'17		
max. Earth dist.	-8267 Jul 01 j 03:46	17°♉31'44	2.48623 AU	
	-8267 Jul 18 j 13:11	0°♊		
conjunction	-8267 Aug 06 j 20:07	14°♊08'02	1°08'48	
minimum elong	-8267 Aug 06 j 21:23	14°♊10'23	1°09'17	
	-8267 Aug 28 j 00:46	0°♋		
morning rise	-8267 Oct 02 j 17:14	27°♋20'46		
	-8267 Oct 06 j 03:24	0°♌		
	-8267 Nov 13 j 16:10	0°♍		
desc. node	-8267 Dec 07 j 22:43	18°♍49'52		
	-8267 Dec 22 j 11:42	0°♎		
	-8266 Jan 31 j 11:39	0°♏		
	-8266 Mar 14 j 16:49	0°♐		
	-8266 Apr 29 j 16:42	0°♑		
	-8266 Jun 23 j 20:51	0°♒		
retrograde	-8266 Aug 16 j 01:02	14°♒01'28		
min. Earth dist.	-8266 Sep 23 j 08:41	4°♒48'48	0.65822 AU	
opposition	-8266 Sep 24 j 23:28	4°♒09'39	-2°00'02	
greatest brilliancy	-8266 Sep 24 j 21:17	4°♒11'51	-1.4m	
	-8266 Oct 05 j 18:29	30°℞♑		
direct	-8266 Nov 03 j 11:55	24°♑39'09		
asc. node	-8266 Nov 16 j 18:44	25°♑41'03		
	-8266 Dec 05 j 07:49	0°♒		
	-8265 Feb 09 j 18:12	0°♓		
	-8265 Apr 01 j 16:46	0°♈		
	-8265 May 17 j 16:04	0°♉		
	-8265 Jun 29 j 08:26	0°♊		
evening set	-8265 Aug 06 j 20:26	28°♊37'12		
	-8265 Aug 08 j 15:59	0°♋		
	-8265 Sep 16 j 11:33	0°♌		
max. Earth dist.	-8265 Sep 28 j 07:54	9°♌16'53	2.38074 AU	
conjunction	-8265 Oct 06 j 12:21	15°♌42'28	0°14'30	
minimum elong	-8265 Oct 06 j 13:41	15°♌45'05	0°14'54	
behind sun begin	-8265 Oct 06 j 02:29	15°♌23'04		
behind sun end	-8265 Oct 07 j 00:54	16°♌07'06		
	-8265 Oct 24 j 17:04	0°♍		
desc. node	-8265 Oct 25 j 16:52	0°♍46'41		
	-8265 Dec 02 j 06:13	0°♎		
morning rise	-8265 Dec 11 j 13:53	7°♎08'38		
	-8264 Jan 10 j 23:11	0°♏		
	-8264 Feb 21 j 13:51	0°♐		
	-8264 Apr 05 j 18:19	0°♑		
	-8264 May 23 j 12:53	0°♒		
	-8264 Jul 17 j 18:44	0°♓		
retrograde	-8264 Sep 19 j 03:56	18°♓04'34		
asc. node	-8264 Oct 03 j 23:31	16°♓37'34		
opposition	-8264 Oct 28 j 09:25	8°♓43'49	0°56'34	
greatest brilliancy	-8264 Oct 28 j 10:37	8°♓42'37	-1.4m	
min. Earth dist.	-8264 Oct 30 j 11:52	7°♓53'29	0.66095 AU	
	-8264 Nov 24 j 12:45	30°℞♒		
direct	-8264 Dec 08 j 05:28	28°♒45'54		
	-8264 Dec 22 j 17:19	0°♓		
	-8263 Mar 06 j 23:03	0°♈		
	-8263 Apr 25 j 07:53	0°♉		
	-8263 Jun 08 j 01:39	0°♊		
	-8263 Jul 18 j 17:21	0°♋		
	-8263 Aug 26 j 15:17	0°♌		
desc. node	-8263 Sep 11 j 13:19	12°♌27'35		
	-8263 Oct 03 j 21:58	0°♍		
evening set	-8263 Oct 09 j 21:54	4°♍41'35		
	-8263 Nov 11 j 12:53	0°♎		
conjunction	-8263 Dec 12 j 01:48	23°♎07'29	-0°58'15	
minimum elong	-8263 Dec 11 j 22:56	23°♎02'08	0°58'22	
	-8263 Dec 21 j 08:05	0°♏		
max. Earth dist.	-8262 Jan 25 j 07:25	25°♏18'36	2.47634 AU	
	-8262 Jan 31 j 22:54	0°♐		
morning rise	-8262 Feb 10 j 18:03	6°♐50'52		
	-8262 Mar 16 j 18:12	0°♑		
	-8262 May 01 j 22:26	0°♒		
	-8262 Jun 19 j 21:48	0°♓		
	-8262 Aug 13 j 07:12	0°♈		
asc. node	-8262 Aug 22 j 00:07	4°♈14'08		
retrograde	-8262 Oct 27 j 22:05	23°♈40'33		
opposition	-8262 Dec 04 j 08:27	15°♈15'26	3°54'08	
greatest brilliancy	-8262 Dec 05 j 01:12	14°♈59'21	-1.6m	
min. Earth dist.	-8262 Dec 10 j 01:57	13°♈03'32	0.60233 AU	
direct	-8261 Jan 13 j 23:49	5°♈25'28		
	-8261 Mar 28 j 07:09	0°♉		
	-8261 May 15 j 16:33	0°♊		
	-8261 Jun 26 j 21:55	0°♋		
desc. node	-8261 Jul 30 j 12:07	25°♋19'47		
	-8261 Aug 05 j 14:08	0°♌		
	-8261 Sep 13 j 09:31	0°♍		
	-8261 Oct 22 j 11:59	0°♎		
	-8261 Dec 01 j 18:26	0°♏		
evening set	-8261 Dec 11 j 15:45	7°♏11'00		
	-8260 Jan 12 j 18:58	0°♐		
conjunction	-8260 Feb 05 j 13:19	16°♐22'19	-1°08'32	
minimum elong	-8260 Feb 05 j 14:28	16°♐24'16	1°09'02	
	-8260 Feb 25 j 18:48	0°♑		
max. Earth dist.	-8260 Mar 02 j 12:08	3°♑48'30	2.58867 AU	
morning rise	-8260 Mar 28 j 23:15	21°♑10'56		
	-8260 Apr 11 j 14:41	0°♒		
	-8260 May 28 j 22:39	0°♓		
asc. node	-8260 Jul 08 j 20:09	25°♓12'51		
	-8260 Jul 16 j 17:55	0°♈		
	-8260 Sep 06 j 07:42	0°♉		
	-8260 Nov 09 j 00:35	0°♊		
retrograde	-8260 Dec 15 j 10:46	6°♊56'17		
opposition	-8259 Jan 18 j 18:37	0°♊03'38	6°04'57	
	-8259 Jan 18 j 22:51	30°℞♉		
greatest brilliancy	-8259 Jan 20 j 11:37	29°♉28'23	-2.1m	
min. Earth dist.	-8259 Jan 27 j 01:53	27°♉13'32	0.49072 AU	
direct	-8259 Feb 25 j 13:38	21°♉38'34		
	-8259 Apr 04 j 01:31	0°♊		
	-8259 May 28 j 12:37	0°♋		
desc. node	-8259 Jun 16 j 15:48	12°♋53'36		
	-8259 Jul 10 j 18:16	0°♌		
	-8259 Aug 20 j 11:58	0°♍		
	-8259 Sep 30 j 00:07	0°♎		
	-8259 Nov 10 j 09:54	0°♏		
	-8259 Dec 23 j 08:28	0°♐		
evening set	-8258 Jan 29 j 08:23	24°♐56'18		
	-8258 Feb 05 j 23:48	0°♑		
conjunction	-8258 Mar 20 j 15:56	27°♑48'44	-0°36'40	
minimum elong	-8258 Mar 20 j 17:17	27°♑50'55	0°37'10	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

	-8258 Mar 24 j 01:27	0°♒	
max. Earth dist.	-8258 Mar 29 j 13:29	3°♒32'19	2.65379 AU
morning rise	-8258 May 07 j 10:55	28°♒24'22	
	-8258 May 09 j 22:58	0°♓	
asc. node	-8258 May 26 j 13:04	10°♓33'40	
	-8258 Jun 26 j 01:50	0°♈	
	-8258 Aug 12 j 03:35	0°♉	
	-8258 Sep 28 j 13:13	0°♊	
	-8258 Nov 16 j 19:33	0°♋	
	-8257 Jan 14 j 09:41	0°♌	
retrograde	-8257 Feb 24 j 20:24	9°♌16'34	
opposition	-8257 Mar 27 j 14:15	4°♌09'19	2°56'08
greatest brilliancy	-8257 Mar 28 j 01:13	4°♌01'53	-2.9m
min. Earth dist.	-8257 Mar 30 j 08:17	3°♌24'38	0.38568 AU
	-8257 Apr 14 j 00:43	30°℞♋	
direct	-8257 Apr 27 j 20:45	28°♋44'50	
desc. node	-8257 May 04 j 21:25	29°♋04'35	
	-8257 May 11 j 17:20	0°♌	
	-8257 Jul 18 j 11:25	0°♍	
	-8257 Sep 03 j 12:11	0°♎	
	-8257 Oct 18 j 11:09	0°♏	
	-8257 Dec 02 j 15:18	0°♐	
	-8256 Jan 17 j 16:43	0°♑	
	-8256 Mar 04 j 13:13	0°♒	
evening set	-8256 Mar 10 j 22:23	4°♒03'57	
asc. node	-8256 Apr 12 j 06:02	24°♒39'23	
	-8256 Apr 20 j 14:51	0°♓	
max. Earth dist.	-8256 Apr 21 j 17:17	0°♓42'15	2.66522 AU
conjunction	-8256 Apr 27 j 17:38	4°♓33'06	0°08'54
minimum elong	-8256 Apr 27 j 17:19	4°♓32'36	0°08'35
behind sun begin	-8256 Apr 27 j 00:42	4°♓06'00	
behind sun end	-8256 Apr 28 j 09:56	4°♓59'11	
	-8256 Jun 06 j 04:24	0°♈	
morning rise	-8256 Jun 12 j 20:30	4°♈20'56	
	-8256 Jul 21 j 17:00	0°♉	
	-8256 Sep 04 j 00:46	0°♊	
	-8256 Oct 17 j 08:19	0°♋	
	-8256 Nov 29 j 02:48	0°♌	
	-8255 Jan 11 j 08:54	0°♍	
	-8255 Feb 27 j 03:56	0°♎	
desc. node	-8255 Mar 22 j 00:07	12°♎13'19	
retrograde	-8255 May 07 j 07:07	24°♎51'11	
min. Earth dist.	-8255 Jun 03 j 11:44	20°♎00'13	0.43163 AU
greatest brilliancy	-8255 Jun 09 j 19:53	17°♎58'02	-2.5m
opposition	-8255 Jun 11 j 05:52	17°♎30'33	-5°01'24
direct	-8255 Jul 12 j 21:36	11°♎26'28	
	-8255 Sep 13 j 03:32	0°♏	
	-8255 Nov 06 j 19:15	0°♐	
	-8255 Dec 26 j 15:54	0°♑	
	-8254 Feb 13 j 08:21	0°♒	
asc. node	-8254 Feb 28 j 02:56	9°♒12'01	
	-8254 Apr 02 j 04:47	0°♓	
evening set	-8254 Apr 18 j 22:04	10°♓39'08	
max. Earth dist.	-8254 May 16 j 20:28	28°♓43'06	2.62344 AU
	-8254 May 18 j 19:29	0°♈	
conjunction	-8254 Jun 05 j 14:49	11°♈44'34	0°51'15
minimum elong	-8254 Jun 05 j 13:19	11°♈42'04	0°51'16
	-8254 Jul 02 j 17:56	0°♉	
morning rise	-8254 Jul 22 j 22:55	13°♉54'33	
	-8254 Aug 14 j 20:34	0°♊	
	-8254 Sep 25 j 08:17	0°♋	
	-8254 Nov 04 j 15:53	0°♌	
	-8254 Dec 14 j 11:20	0°♍	
	-8253 Jan 23 j 17:55	0°♎	
desc. node	-8253 Feb 06 j 23:08	10°♎19'29	
	-8253 Mar 07 j 01:58	0°♏	
	-8253 Apr 24 j 16:15	0°♐	
retrograde	-8253 Jun 25 j 21:10	20°♐03'54	
min. Earth dist.	-8253 Jul 28 j 01:21	13°♐04'36	0.55449 AU
opposition	-8253 Aug 03 j 16:44	10°♐30'49	-5°23'56
greatest brilliancy	-8253 Aug 02 j 12:35	10°♐58'02	-1.9m
direct	-8253 Sep 08 j 09:22	2°♐29'01	
	-8253 Nov 29 j 21:52	0°♑	
asc. node	-8252 Jan 16 j 03:51	25°♑59'13	
	-8252 Jan 23 j 01:49	0°♒	
	-8252 Mar 12 j 22:36	0°♓	
	-8252 Apr 29 j 05:35	0°♈	
evening set	-8252 May 28 j 20:16	19°♈36'38	
	-8252 Jun 13 j 02:57	0°♉	
max. Earth dist.	-8252 Jun 15 j 12:44	1°♉39'17	2.53237 AU
conjunction	-8252 Jul 18 j 05:13	24°♉36'10	1°12'19
minimum elong	-8252 Jul 18 j 05:04	24°♉35'54	1°12'44
	-8252 Jul 25 j 17:23	0°♊	
	-8252 Sep 04 j 09:40	0°♋	
morning rise	-8252 Sep 09 j 04:31	3°♋36'19	
	-8252 Oct 13 j 17:55	0°♌	
	-8252 Nov 21 j 12:02	0°♍	
desc. node	-8252 Dec 24 j 19:14	25°♍38'26	
	-8252 Dec 30 j 12:37	0°♎	
	-8251 Feb 08 j 19:01	0°♏	
	-8251 Mar 23 j 13:52	0°♐	
	-8251 May 10 j 10:08	0°♑	
	-8251 Jul 25 j 17:05	0°♒	
retrograde	-8251 Aug 02 j 07:44	0°♒22'37	
	-8251 Aug 09 j 17:11	30°℞♑	
min. Earth dist.	-8251 Sep 08 j 04:03	21°♑40'30	0.64041 AU
opposition	-8251 Sep 11 j 06:02	20°♑26'00	-3°04'56
greatest brilliancy	-8251 Sep 10 j 22:53	20°♑33'11	-1.5m
direct	-8251 Oct 19 j 22:24	11°♑13'46	
asc. node	-8251 Dec 03 j 08:19	20°♑55'18	
	-8251 Dec 24 j 17:10	0°♒	
	-8250 Feb 19 j 08:13	0°♓	
	-8250 Apr 09 j 15:22	0°♈	
	-8250 May 25 j 02:45	0°♉	
	-8250 Jul 06 j 16:17	0°♊	
evening set	-8250 Jul 15 j 20:47	6°♊42'24	
max. Earth dist.	-8250 Aug 06 j 18:11	22°♊59'27	2.41251 AU
	-8250 Aug 16 j 00:37	0°♋	
conjunction	-8250 Sep 11 j 01:40	20°♋00'06	0°43'16
minimum elong	-8250 Sep 11 j 04:28	20°♋05'31	0°43'47
	-8250 Sep 23 j 22:14	0°♌	
	-8250 Nov 01 j 05:41	0°♍	
desc. node	-8250 Nov 11 j 12:24	8°♍02'15	
morning rise	-8250 Nov 13 j 16:15	9°♍43'24	
	-8250 Dec 09 j 20:14	0°♎	
	-8249 Jan 18 j 14:20	0°♏	
	-8249 Mar 01 j 07:35	0°♐	
	-8249 Apr 14 j 21:37	0°♑	
	-8249 Jun 03 j 02:56	0°♒	
	-8249 Aug 06 j 22:57	0°♓	
retrograde	-8249 Sep 06 j 08:42	5°♓04'32	
	-8249 Oct 04 j 04:13	30°℞♒	
opposition	-8249 Oct 15 j 23:57	25°♒28'38	-0°12'51
greatest brilliancy	-8249 Oct 16 j 00:14	25°♒28'22	-1.4m
min. Earth dist.	-8249 Oct 16 j 15:20	25°♒13'11	0.66741 AU
asc. node	-8249 Oct 21 j 13:35	23°♒15'34	
direct	-8249 Nov 25 j 11:32	15°♒38'04	
	-8248 Jan 20 j 03:40	0°♓	
	-8248 Mar 17 j 06:46	0°♈	
	-8248 May 03 j 19:05	0°♉	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

	-8248 Jun 15 j 23:23	0°♊	
	-8248 Jul 26 j 10:14	0°♋	
	-8248 Sep 03 j 06:03	0°♌	
evening set	-8248 Sep 13 j 13:04	8°♌03'59	
desc. node	-8248 Sep 28 j 07:37	19°♌40'18	
	-8248 Oct 11 j 11:05	0°♍	
conjunction	-8248 Nov 16 j 12:11	28°♍04'36	-0°35'28
minimum elong	-8248 Nov 16 j 09:17	27°♍59'00	0°35'21
	-8248 Nov 19 j 00:09	0°♎	
	-8248 Dec 28 j 17:16	0°♏	
max. Earth dist.	-8247 Jan 01 j 18:37	2°♏59'44	2.42616 AU
morning rise	-8247 Jan 19 j 16:09	16°♏02'27	
	-8247 Feb 08 j 06:23	0°♐	
	-8247 Mar 24 j 02:44	0°♑	
	-8247 May 09 j 15:44	0°♒	
	-8247 Jun 28 j 23:57	0°♓	
	-8247 Aug 29 j 07:00	0°♈	
asc. node	-8247 Sep 07 j 15:40	3°♈18'23	
retrograde	-8247 Oct 12 j 01:15	9°♈30'19	
opposition	-8247 Nov 19 j 08:03	0°♈39'53	2°46'22
greatest brilliancy	-8247 Nov 19 j 16:40	0°♈31'27	-1.5m
	-8247 Nov 21 j 00:45	30°℞♓	
min. Earth dist.	-8247 Nov 23 j 15:53	28°♓58'15	0.63268 AU
direct	-8247 Dec 30 j 06:40	20°♓41'00	
	-8246 Feb 10 j 12:57	0°♈	
	-8246 Apr 09 j 13:48	0°♉	
	-8246 May 25 j 05:48	0°♊	
	-8246 Jul 05 j 14:32	0°♋	
	-8246 Aug 13 j 20:47	0°♌	
desc. node	-8246 Aug 16 j 06:49	1°♌52'35	
	-8246 Sep 21 j 09:00	0°♍	
	-8246 Oct 30 j 04:58	0°♎	
evening set	-8246 Nov 18 j 17:21	14°♎46'42	
	-8246 Dec 09 j 05:11	0°♏	
conjunction	-8245 Jan 16 j 16:40	27°♏40'36	-1°11'40
minimum elong	-8245 Jan 16 j 16:31	27°♏40'19	1°12'05
	-8245 Jan 20 j 00:05	0°♐	
max. Earth dist.	-8245 Feb 19 j 06:35	20°♐51'45	2.54935 AU
	-8245 Mar 04 j 20:24	0°♑	
morning rise	-8245 Mar 12 j 22:45	5°♑23'33	
	-8245 Apr 19 j 16:58	0°♒	
	-8245 Jun 06 j 10:50	0°♓	
asc. node	-8245 Jul 26 j 12:51	29°♓58'40	
	-8245 Jul 26 j 13:46	0°♈	
	-8245 Sep 20 j 19:05	0°♉	
retrograde	-8245 Nov 25 j 05:44	18°♉48'40	
opposition	-8245 Dec 30 j 22:59	11°♉14'09	5°27'38
greatest brilliancy	-8244 Jan 01 j 07:30	10°♉44'32	-1.9m
min. Earth dist.	-8244 Jan 07 j 13:18	8°♉28'42	0.53926 AU
direct	-8244 Feb 08 j 07:15	2°♉02'13	
	-8244 Apr 25 j 04:22	0°♊	
	-8244 Jun 09 j 23:10	0°♋	
desc. node	-8244 Jul 03 j 08:20	16°♋50'39	
	-8244 Jul 21 j 01:47	0°♌	
	-8244 Aug 29 j 17:39	0°♍	
	-8244 Oct 08 j 11:47	0°♎	
	-8244 Nov 18 j 07:24	0°♏	
	-8244 Dec 30 j 18:34	0°♐	
evening set	-8243 Jan 11 j 07:33	7°♐56'00	
	-8243 Feb 13 j 01:46	0°♑	
conjunction	-8243 Mar 04 j 10:13	12°♑45'36	-0°51'48
minimum elong	-8243 Mar 04 j 11:53	12°♑48'21	0°52'20
max. Earth dist.	-8243 Mar 19 j 15:03	22°♑40'02	2.63435 AU
	-8243 Mar 30 j 23:13	0°♒	
morning rise	-8243 Apr 22 j 15:25	14°♒32'46	
	-8243 May 16 j 22:31	0°♓	
asc. node	-8243 Jun 12 j 06:33	16°♓38'36	
	-8243 Jul 03 j 12:22	0°♈	
	-8243 Aug 20 j 17:36	0°♉	
	-8243 Oct 09 j 20:02	0°♊	
	-8243 Dec 07 j 00:52	0°♋	
retrograde	-8242 Jan 25 j 07:33	12°♋03'19	
opposition	-8242 Feb 25 j 23:48	6°♋25'28	5°22'47
greatest brilliancy	-8242 Feb 27 j 10:06	5°♋59'57	-2.6m
min. Earth dist.	-8242 Mar 04 j 17:27	4°♋25'48	0.41651 AU
	-8242 Mar 27 j 17:48	30°℞♊	
direct	-8242 Apr 01 j 00:49	29°♊52'25	
	-8242 Apr 05 j 07:40	0°♋	
desc. node	-8242 May 21 j 12:09	14°♋22'59	
	-8242 Jun 18 j 06:34	0°♌	
	-8242 Aug 02 j 19:07	0°♍	
	-8242 Sep 14 j 17:28	0°♎	
	-8242 Oct 27 j 16:57	0°♏	
	-8242 Dec 10 j 17:12	0°♐	
	-8241 Jan 25 j 01:38	0°♑	
evening set	-8241 Feb 24 j 07:40	19°♑35'45	
	-8241 Mar 12 j 12:31	0°♒	
conjunction	-8241 Apr 13 j 19:43	20°♒38'56	-0°09'16
minimum elong	-8241 Apr 13 j 20:05	20°♒39'32	0°09'39
behind sun begin	-8241 Apr 13 j 04:18	20°♒14'20	
behind sun end	-8241 Apr 14 j 11:53	21°♒04'44	
max. Earth dist.	-8241 Apr 13 j 13:33	20°♒29'06	2.66710 AU
	-8241 Apr 28 j 10:57	0°♓	
asc. node	-8241 Apr 29 j 23:50	0°♓58'58	
morning rise	-8241 May 30 j 07:03	20°♓24'43	
	-8241 Jun 14 j 03:48	0°♈	
	-8241 Jul 30 j 03:15	0°♉	
	-8241 Sep 13 j 07:35	0°♊	
	-8241 Oct 28 j 00:35	0°♋	
	-8241 Dec 12 j 01:59	0°♌	
	-8240 Jan 29 j 00:59	0°♍	
desc. node	-8240 Apr 07 j 16:51	26°♍50'39	
retrograde	-8240 Apr 12 j 02:40	26°♍58'42	
min. Earth dist.	-8240 May 09 j 12:32	22°♍26'32	0.39368 AU
opposition	-8240 May 14 j 15:52	20°♍57'49	-2°46'14
greatest brilliancy	-8240 May 14 j 01:07	21°♍08'28	-2.8m
direct	-8240 Jun 14 j 00:31	15°♍39'58	
	-8240 Aug 05 j 12:00	0°♎	
	-8240 Sep 29 j 07:35	0°♏	
	-8240 Nov 17 j 01:52	0°♐	
	-8239 Jan 03 j 22:01	0°♑	
	-8239 Feb 20 j 16:31	0°♒	
asc. node	-8239 Mar 16 j 18:52	15°♒11'10	
evening set	-8239 Apr 03 j 18:55	26°♒35'29	
	-8239 Apr 09 j 03:30	0°♓	
max. Earth dist.	-8239 May 06 j 17:12	17°♓40'35	2.64590 AU
conjunction	-8239 May 21 j 05:52	27°♓06'05	0°36'10
minimum elong	-8239 May 21 j 04:38	27°♓04'05	0°36'03
	-8239 May 25 j 16:25	0°♈	
morning rise	-8239 Jul 06 j 17:04	27°♈55'18	
	-8239 Jul 09 j 18:49	0°♉	
	-8239 Aug 22 j 06:32	0°♊	
	-8239 Oct 03 j 07:20	0°♋	
	-8239 Nov 13 j 07:17	0°♌	
	-8239 Dec 23 j 22:19	0°♍	
	-8238 Feb 03 j 08:41	0°♎	
desc. node	-8238 Feb 23 j 17:27	14°♎05'59	
	-8238 Mar 20 j 05:23	0°♏	
	-8238 May 26 j 04:39	0°♐	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

retrograde	-8238 Jun 08 j 13:21	1°♐13'22		
	-8238 Jun 21 j 10:33	30°℞♏		
min. Earth dist.	-8238 Jul 08 j 13:30	25°♏05'24	0.50761 AU	
greatest brilliancy	-8238 Jul 14 j 18:49	22°♏48'06	-2.1m	
opposition	-8238 Jul 16 j 06:50	22°♏14'45	-5°50'07	
direct	-8238 Aug 19 j 12:08	14°♏53'17		
	-8238 Oct 14 j 14:07	0°♐		
	-8238 Dec 11 j 07:20	0°♑		
	-8237 Jan 31 j 11:13	0°♒		
asc. node	-8237 Feb 01 j 18:19	0°♒46'50		
	-8237 Mar 21 j 07:56	0°♓		
	-8237 May 07 j 06:47	0°♈		
evening set	-8237 May 13 j 09:25	4°♈00'13		
max. Earth dist.	-8237 Jun 03 j 11:06	18°♈00'07	2.57327 AU	
	-8237 Jun 21 j 03:30	0°♉		
conjunction	-8237 Jul 01 j 07:19	6°♉59'56	1°08'14	
minimum elong	-8237 Jul 01 j 06:12	6°♉58'01	1°08'30	
	-8237 Aug 02 j 21:40	0°♊		
morning rise	-8237 Aug 20 j 09:06	12°♊39'56		
	-8237 Sep 12 j 19:59	0°♋		
	-8237 Oct 22 j 11:27	0°♌		
	-8237 Nov 30 j 12:52	0°♍		
	-8236 Jan 08 j 21:09	0°♎		
desc. node	-8236 Jan 11 j 13:46	2°♎01'32		
	-8236 Feb 18 j 14:44	0°♏		
	-8236 Apr 02 j 10:55	0°♐		
	-8236 May 24 j 10:51	0°♑		
retrograde	-8236 Jul 19 j 02:50	15°♑55'31		
min. Earth dist.	-8236 Aug 23 j 07:08	7°♑49'02	0.61345 AU	
opposition	-8236 Aug 27 j 19:54	6°♑00'27	-4°05'42	
greatest brilliancy	-8236 Aug 27 j 05:36	6°♑14'43	-1.6m	
	-8236 Sep 13 j 23:22	30°℞♐		
direct	-8236 Oct 04 j 11:32	27°♐11'14		
	-8236 Oct 26 j 19:03	0°♑		
asc. node	-8236 Dec 19 j 21:17	21°♑09'44		
	-8235 Jan 06 j 02:21	0°♒		
	-8235 Feb 27 j 21:57	0°♓		
	-8235 Apr 17 j 04:57	0°♈		
	-8235 Jun 01 j 09:13	0°♉		
evening set	-8235 Jun 25 j 20:57	17°♉03'35		
max. Earth dist.	-8235 Jul 11 j 22:01	28°♉32'20	2.45976 AU	
	-8235 Jul 13 j 22:27	0°♊		
conjunction	-8235 Aug 18 j 20:21	26°♊34'27	1°02'35	
minimum elong	-8235 Aug 18 j 22:27	26°♊38'24	1°03'06	
	-8235 Aug 23 j 09:09	0°♋		
	-8235 Oct 01 j 10:03	0°♌		
morning rise	-8235 Oct 17 j 04:47	12°♌18'01		
	-8235 Nov 08 j 20:26	0°♍		
desc. node	-8235 Nov 28 j 09:26	15°♍12'57		
	-8235 Dec 17 j 13:13	0°♎		
	-8234 Jan 26 j 09:42	0°♏		
	-8234 Mar 09 j 08:08	0°♐		
	-8234 Apr 23 j 14:45	0°♑		
	-8234 Jun 14 j 13:43	0°♒		
retrograde	-8234 Aug 23 j 20:19	22°♒04'28		
opposition	-8234 Oct 02 j 17:30	12°♒17'05	-1°21'01	
min. Earth dist.	-8234 Oct 01 j 21:41	12°♒37'04	0.66422 AU	
greatest brilliancy	-8234 Oct 02 j 16:58	12°♒17'37	-1.4m	
asc. node	-8234 Nov 07 j 02:25	2°♒46'13		
direct	-8234 Nov 11 j 15:47	2°♒38'18		
	-8233 Feb 02 j 17:14	0°♓		
	-8233 Mar 27 j 06:11	0°♈		
	-8233 May 12 j 17:09	0°♉		
	-8233 Jun 24 j 13:54	0°♊		
	-8233 Aug 03 j 22:52	0°♋		
evening set	-8233 Aug 20 j 05:32	12°♋28'23		
	-8233 Sep 11 j 18:44	0°♌		
desc. node	-8233 Oct 16 j 03:39	26°♌58'52		
	-8233 Oct 19 j 23:54	0°♍		
conjunction	-8233 Oct 21 j 12:47	1°♍12'22	-0°04'08	
minimum elong	-8233 Oct 21 j 12:25	1°♍11'38	0°03'48	
behind sun begin	-8233 Oct 20 j 09:26	0°♍18'43		
behind sun end	-8233 Oct 22 j 15:23	2°♍04'33		
max. Earth dist.	-8233 Nov 16 j 18:56	21°♍42'24	2.38505 AU	
	-8233 Nov 27 j 12:27	0°♎		
morning rise	-8233 Dec 26 j 16:44	22°♎10'54		
	-8232 Jan 06 j 04:34	0°♏		
	-8232 Feb 16 j 17:12	0°♐		
	-8232 Mar 31 j 16:38	0°♑		
	-8232 May 17 j 20:14	0°♒		
	-8232 Jul 09 j 13:32	0°♓		
asc. node	-8232 Sep 24 j 05:54	25°♓59'44		
retrograde	-8232 Sep 27 j 07:18	26°♓03'13		
opposition	-8232 Nov 05 j 06:01	16°♓52'03	1°37'04	
greatest brilliancy	-8232 Nov 05 j 09:06	16°♓49'00	-1.4m	
min. Earth dist.	-8232 Nov 08 j 03:16	15°♓43'20	0.65352 AU	
direct	-8232 Dec 16 j 04:50	6°♓52'10		
	-8231 Feb 27 j 05:57	0°♈		
	-8231 Apr 19 j 13:31	0°♉		
	-8231 Jun 02 j 20:55	0°♊		
	-8231 Jul 13 j 17:53	0°♋		
	-8231 Aug 21 j 18:25	0°♌		
desc. node	-8231 Sep 01 j 23:59	8°♌46'18		
	-8231 Sep 29 j 02:33	0°♍		
evening set	-8231 Oct 24 j 16:29	19°♍55'04		
	-8231 Nov 06 j 18:33	0°♎		
	-8231 Dec 16 j 14:45	0°♏		
conjunction	-8231 Dec 25 j 14:32	6°♏36'06	-1°06'09	
minimum elong	-8231 Dec 25 j 12:33	6°♏32'29	1°06'24	
	-8230 Jan 27 j 05:57	0°♐		
max. Earth dist.	-8230 Feb 04 j 12:40	5°♐47'34	2.50368 AU	
morning rise	-8230 Feb 22 j 06:11	18°♐00'37		
	-8230 Mar 12 j 00:22	0°♑		
	-8230 Apr 26 j 24:00	0°♒		
	-8230 Jun 14 j 09:17	0°♓		
	-8230 Aug 05 j 16:10	0°♈		
asc. node	-8230 Aug 12 j 05:35	3°♈28'55		
	-8230 Oct 15 j 18:21	0°♉		
retrograde	-8230 Nov 06 j 15:21	2°♉40'43		
	-8230 Nov 27 j 00:17	30°℞♈		
opposition	-8230 Dec 13 j 12:39	24°♈31'38	4°30'51	
greatest brilliancy	-8230 Dec 14 j 10:49	24°♈10'39	-1.7m	
min. Earth dist.	-8230 Dec 19 j 23:16	22°♈05'37	0.58218 AU	
direct	-8229 Jan 22 j 20:09	14°♈51'11		
	-8229 Mar 18 j 05:55	0°♉		
	-8229 May 09 j 01:41	0°♊		
	-8229 Jun 21 j 04:05	0°♋		
desc. node	-8229 Jul 21 j 00:27	22°♋13'48		
	-8229 Jul 31 j 05:43	0°♌		
	-8229 Sep 08 j 06:35	0°♍		
	-8229 Oct 17 j 12:59	0°♎		
	-8229 Nov 26 j 22:42	0°♏		
evening set	-8229 Dec 23 j 16:26	19°♏12'00		
	-8228 Jan 08 j 01:38	0°♐		
conjunction	-8228 Feb 16 j 02:12	26°♐38'10	-1°03'44	
minimum elong	-8228 Feb 16 j 03:44	26°♐40'45	1°04'16	
	-8228 Feb 21 j 03:01	0°♑		
max. Earth dist.	-8228 Mar 09 j 01:29	11°♑12'52	2.60714 AU	
	-8228 Apr 06 j 22:21	0°♒		

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

morning rise	-8228 Apr 07 j 05:06	0°♒10'53	
	-8228 May 24 j 01:57	0°♓	
asc. node	-8228 Jun 29 j 00:59	22°♓25'54	
	-8228 Jul 11 j 07:54	0°♈	
	-8228 Aug 30 j 07:40	0°♉	
	-8228 Oct 24 j 23:41	0°♊	
retrograde	-8228 Dec 29 j 01:44	18°♊55'28	
opposition	-8227 Jan 31 j 11:54	12°♊29'13	6°08'40
greatest brilliancy	-8227 Feb 02 j 06:36	11°♊54'11	-2.3m
min. Earth dist.	-8227 Feb 08 j 18:35	9°♊47'17	0.46307 AU
direct	-8227 Mar 09 j 04:03	4°♊39'40	
	-8227 May 18 j 15:36	0°♋	
desc. node	-8227 Jun 07 j 04:19	12°♋09'44	
	-8227 Jul 03 j 12:21	0°♌	
	-8227 Aug 14 j 07:17	0°♍	
	-8227 Sep 24 j 09:54	0°♎	
	-8227 Nov 05 j 05:39	0°♏	
	-8227 Dec 18 j 10:56	0°♐	
	-8226 Feb 01 j 06:48	0°♑	
evening set	-8226 Feb 08 j 01:11	4°♑26'42	
	-8226 Mar 19 j 10:38	0°♒	
conjunction	-8226 Mar 29 j 14:26	6°♒31'20	-0°26'58
minimum elong	-8226 Mar 29 j 15:28	6°♒32'59	0°27'25
max. Earth dist.	-8226 Apr 04 j 04:01	10°♒05'21	2.66085 AU
	-8226 May 05 j 07:53	0°♓	
morning rise	-8226 May 15 j 19:23	6°♓41'18	
asc. node	-8226 May 16 j 18:00	7°♓17'23	
	-8226 Jun 21 j 06:26	0°♈	
	-8226 Aug 06 j 21:03	0°♉	
	-8226 Sep 22 j 07:08	0°♊	
	-8226 Nov 08 j 07:51	0°♋	
	-8226 Dec 28 j 13:04	0°♌	
retrograde	-8225 Mar 14 j 20:02	26°♌38'03	
opposition	-8225 Apr 14 j 13:30	21°♌28'10	0°51'34
min. Earth dist.	-8225 Apr 14 j 08:34	21°♌31'28	0.37997 AU
greatest brilliancy	-8225 Apr 14 j 14:40	21°♌27'23	-3.0m
desc. node	-8225 Apr 25 j 08:11	18°♌44'30	
direct	-8225 May 14 j 22:42	16°♌22'27	
	-8225 Jul 03 j 22:53	0°♍	
	-8225 Aug 26 j 04:22	0°♎	
	-8225 Oct 12 j 01:30	0°♏	
	-8225 Nov 27 j 03:52	0°♐	
	-8224 Jan 12 j 17:22	0°♑	
	-8224 Feb 28 j 20:11	0°♒	
evening set	-8224 Mar 19 j 16:12	12°♒35'24	
asc. node	-8224 Apr 02 j 12:05	21°♒22'49	
	-8224 Apr 16 j 00:37	0°♓	
max. Earth dist.	-8224 Apr 27 j 04:53	7°♓09'03	2.66072 AU
conjunction	-8224 May 06 j 05:51	12°♓57'15	0°19'11
minimum elong	-8224 May 06 j 05:09	12°♓56'07	0°18'57
	-8224 Jun 01 j 13:50	0°♈	
morning rise	-8224 Jun 21 j 08:20	12°♈57'57	
	-8224 Jul 16 j 22:40	0°♉	
	-8224 Aug 29 j 22:48	0°♊	
	-8224 Oct 11 j 17:41	0°♋	
	-8224 Nov 22 j 17:31	0°♌	
	-8223 Jan 03 j 16:55	0°♍	
	-8223 Feb 16 j 12:17	0°♎	
desc. node	-8223 Mar 12 j 11:36	14°♎53'10	
	-8223 Apr 10 j 19:49	0°♏	
retrograde	-8223 May 19 j 22:10	9°♏21'41	
min. Earth dist.	-8223 Jun 16 j 20:38	4°♏06'18	0.45782 AU
greatest brilliancy	-8223 Jun 23 j 10:03	1°♏52'32	-2.4m
opposition	-8223 Jun 25 j 00:09	1°♏19'49	-5°37'41
	-8223 Jun 28 j 23:01	30°℞♎	
direct	-8223 Jul 27 j 15:10	24°♎46'41	
	-8223 Aug 26 j 18:37	0°♏	
	-8223 Oct 30 j 05:02	0°♐	
	-8223 Dec 20 j 21:51	0°♑	
	-8222 Feb 08 j 07:28	0°♒	
asc. node	-8222 Feb 18 j 09:13	6°♒12'34	
	-8222 Mar 28 j 11:37	0°♓	
evening set	-8222 Apr 27 j 17:09	19°♓17'04	
	-8222 May 14 j 05:10	0°♈	
max. Earth dist.	-8222 May 23 j 00:25	5°♈46'47	2.60771 AU
conjunction	-8222 Jun 14 j 16:50	20°♈53'31	0°58'37
minimum elong	-8222 Jun 14 j 15:21	20°♈51'01	0°58'44
	-8222 Jun 28 j 03:10	0°♉	
morning rise	-8222 Aug 01 j 18:46	24°♉04'27	
	-8222 Aug 10 j 03:06	0°♊	
	-8222 Sep 20 j 10:01	0°♋	
	-8222 Oct 30 j 11:32	0°♌	
	-8222 Dec 08 j 23:36	0°♍	
	-8221 Jan 17 j 19:52	0°♎	
desc. node	-8221 Jan 28 j 10:32	7°♎49'53	
	-8221 Feb 28 j 08:44	0°♏	
	-8221 Apr 15 j 08:02	0°♐	
	-8221 Jun 29 j 10:15	0°♑	
retrograde	-8221 Jul 05 j 01:00	0°♑13'06	
	-8221 Jul 10 j 13:25	30°℞♐	
min. Earth dist.	-8221 Aug 07 j 08:06	22°♐48'30	0.57743 AU
greatest brilliancy	-8221 Aug 12 j 07:38	20°♐51'19	-1.7m
opposition	-8221 Aug 13 j 06:44	20°♐28'39	-4°59'11
direct	-8221 Sep 18 j 16:58	12°♐08'15	
	-8221 Nov 20 j 20:44	0°♑	
asc. node	-8220 Jan 06 j 10:36	23°♑59'24	
	-8220 Jan 17 j 03:18	0°♒	
	-8220 Mar 07 j 20:57	0°♓	
	-8220 Apr 24 j 11:58	0°♈	
evening set	-8220 Jun 07 j 16:09	29°♈26'06	
	-8220 Jun 08 j 11:56	0°♉	
max. Earth dist.	-8220 Jun 24 j 00:27	10°♉44'49	2.50743 AU
	-8220 Jul 21 j 02:18	0°♊	
conjunction	-8220 Jul 29 j 02:42	5°♊49'19	1°11'22
minimum elong	-8220 Jul 29 j 03:19	5°♊50'27	1°11'51
	-8220 Aug 30 j 16:40	0°♋	
morning rise	-8220 Sep 22 j 02:57	17°♋03'26	
	-8220 Oct 08 j 22:15	0°♌	
	-8220 Nov 16 j 13:22	0°♍	
desc. node	-8220 Dec 15 j 05:07	22°♍10'08	
	-8220 Dec 25 j 10:26	0°♎	
	-8219 Feb 03 j 11:58	0°♏	
	-8219 Mar 17 j 20:29	0°♐	
	-8219 May 03 j 09:10	0°♑	
	-8219 Jul 01 j 01:03	0°♒	
retrograde	-8219 Aug 10 j 06:15	8°♒43'16	
	-8219 Sep 16 j 06:36	30°℞♑	
min. Earth dist.	-8219 Sep 16 j 22:24	29°♑44'06	0.65136 AU
opposition	-8219 Sep 19 j 05:27	28°♑48'35	-2°27'37
greatest brilliancy	-8219 Sep 19 j 01:23	28°♑52'41	-1.4m
direct	-8219 Oct 28 j 09:45	19°♑25'51	
asc. node	-8219 Nov 23 j 15:35	23°♑11'32	
	-8219 Dec 14 j 03:35	0°♒	
	-8218 Feb 13 j 06:06	0°♓	
	-8218 Apr 04 j 11:59	0°♈	
	-8218 May 20 j 07:20	0°♉	
	-8218 Jul 01 j 23:51	0°♊	
evening set	-8218 Jul 28 j 00:42	19°♊11'18	
	-8218 Aug 11 j 08:35	0°♋	
max. Earth dist.	-8218 Aug 30 j 06:56	14°♋30'24	2.39119 AU

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

	-8218 Sep 19 j 05:30	0°♌	
conjunction	-8218 Sep 25 j 03:54	4°♌38'16	0°27'55
minimum elong	-8218 Sep 25 j 06:10	4°♌42'43	0°28'23
	-8218 Oct 27 j 11:47	0°♍	
desc. node	-8218 Nov 01 j 23:03	4°♍17'14	
morning rise	-8218 Nov 29 j 11:28	25°♍42'48	
	-8218 Dec 05 j 00:51	0°♎	
	-8217 Jan 13 j 17:14	0°♏	
	-8217 Feb 24 j 07:26	0°♐	
	-8217 Apr 09 j 13:41	0°♑	
	-8217 May 27 j 18:18	0°♒	
	-8217 Jul 24 j 10:00	0°♓	
retrograde	-8217 Sep 14 j 06:26	12°♓58'14	
asc. node	-8217 Oct 11 j 20:40	8°♓00'04	
opposition	-8217 Oct 23 j 16:46	3°♓30'10	0°27'26
greatest brilliancy	-8217 Oct 23 j 17:08	3°♓29'48	-1.4m
min. Earth dist.	-8217 Oct 25 j 03:06	2°♓55'48	0.66503 AU
	-8217 Nov 01 j 15:32	30°♓℞	
direct	-8217 Dec 03 j 09:49	23°♒35'07	
	-8216 Jan 07 j 09:30	0°♓	
	-8216 Mar 10 j 20:49	0°♈	
	-8216 Apr 28 j 10:20	0°♉	
	-8216 Jun 10 j 23:34	0°♊	
	-8216 Jul 21 j 14:01	0°♋	
	-8216 Aug 29 j 11:33	0°♌	
desc. node	-8216 Sep 18 j 18:46	15°♌54'38	
evening set	-8216 Sep 28 j 08:47	23°♌26'14	
	-8216 Oct 06 j 17:28	0°♍	
	-8216 Nov 14 j 06:52	0°♎	
conjunction	-8216 Dec 01 j 04:27	12°♎54'13	-0°49'42
minimum elong	-8216 Dec 01 j 01:14	12°♎48'07	0°49'43
	-8216 Dec 24 j 00:04	0°♏	
max. Earth dist.	-8215 Jan 16 j 07:58	17°♏02'17	2.45361 AU
morning rise	-8215 Feb 01 j 12:31	28°♏35'02	
	-8215 Feb 03 j 12:42	0°♐	
	-8215 Mar 19 j 06:46	0°♑	
	-8215 May 04 j 12:44	0°♒	
	-8215 Jun 22 j 22:32	0°♓	
	-8215 Aug 18 j 07:18	0°♈	
asc. node	-8215 Aug 28 j 21:47	4°♈42'50	
retrograde	-8215 Oct 20 j 23:29	17°♈56'37	
opposition	-8215 Nov 27 j 19:41	9°♈19'27	3°25'43
greatest brilliancy	-8215 Nov 28 j 08:33	9°♈06'58	-1.6m
min. Earth dist.	-8215 Dec 02 j 22:01	7°♈20'56	0.61700 AU
	-8215 Dec 29 j 05:14	30°♓℞	
direct	-8214 Jan 07 j 15:16	29°♓24'31	
	-8214 Jan 17 j 09:16	0°♈	
	-8214 Apr 02 j 06:52	0°♉	
	-8214 May 19 j 09:12	0°♊	
	-8214 Jun 30 j 05:38	0°♋	
desc. node	-8214 Aug 06 j 16:59	28°♋26'11	
	-8214 Aug 08 j 17:39	0°♌	
	-8214 Sep 16 j 09:40	0°♍	
	-8214 Oct 25 j 08:27	0°♎	
evening set	-8214 Dec 02 j 00:07	28°♎11'47	
	-8214 Dec 04 j 11:05	0°♏	
	-8213 Jan 15 j 07:46	0°♐	
conjunction	-8213 Jan 28 j 05:43	8°♐58'37	-1°10'43
minimum elong	-8213 Jan 28 j 06:24	8°♐59'47	1°11'12
max. Earth dist.	-8213 Feb 26 j 15:01	28°♐57'03	2.57192 AU
	-8213 Feb 28 j 04:39	0°♑	
morning rise	-8213 Mar 22 j 20:12	14°♑59'11	
	-8213 Apr 14 j 23:30	0°♒	
	-8213 Jun 01 j 10:31	0°♓	

asc. node	-8213 Jul 16 j 18:30	27°♓39'35	
	-8213 Jul 20 j 16:53	0°♈	
	-8213 Sep 11 j 18:38	0°♉	
retrograde	-8213 Dec 06 j 20:39	29°♉13'32	
opposition	-8212 Jan 10 j 20:41	22°♉01'13	5°51'52
greatest brilliancy	-8212 Jan 12 j 10:30	21°♉27'46	-2.0m
min. Earth dist.	-8212 Jan 18 j 23:17	19°♉10'09	0.51291 AU
direct	-8212 Feb 18 j 10:57	13°♉12'39	
	-8212 Apr 14 j 11:45	0°♊	
	-8212 Jun 02 j 18:32	0°♋	
desc. node	-8212 Jun 23 j 19:45	14°♋41'15	
	-8212 Jul 14 j 21:43	0°♌	
	-8212 Aug 24 j 02:22	0°♍	
	-8212 Oct 03 j 04:55	0°♎	
	-8212 Nov 13 j 06:58	0°♏	
	-8212 Dec 25 j 23:03	0°♐	
evening set	-8211 Jan 21 j 19:20	18°♐15'36	
	-8211 Feb 08 j 09:34	0°♑	
conjunction	-8211 Mar 13 j 20:32	21°♑55'13	-0°43'20
minimum elong	-8211 Mar 13 j 22:04	21°♑57'42	0°43'50
max. Earth dist.	-8211 Mar 25 j 10:16	29°♑24'19	2.64620 AU
	-8211 Mar 26 j 08:24	0°♒	
morning rise	-8211 May 01 j 05:07	22°♒58'15	
	-8211 May 12 j 06:11	0°♓	
asc. node	-8211 Jun 02 j 11:59	13°♓29'23	
	-8211 Jun 28 j 13:16	0°♈	
	-8211 Aug 15 j 01:49	0°♉	
	-8211 Oct 02 j 11:11	0°♊	
	-8211 Nov 23 j 07:15	0°♋	
retrograde	-8210 Feb 11 j 02:44	27°♋16'47	
opposition	-8210 Mar 14 j 04:12	21°♋59'48	4°13'13
greatest brilliancy	-8210 Mar 15 j 02:11	21°♋44'19	-2.8m
min. Earth dist.	-8210 Mar 19 j 00:03	20°♋38'35	0.39671 AU
direct	-8210 Apr 15 j 14:04	16°♋08'09	
desc. node	-8210 May 12 j 01:27	20°♋33'57	
	-8210 Jun 04 j 02:20	0°♌	
	-8210 Jul 25 j 07:30	0°♍	
	-8210 Sep 08 j 01:27	0°♎	
	-8210 Oct 21 j 23:09	0°♏	
	-8210 Dec 05 j 12:42	0°♐	
	-8209 Jan 20 j 05:10	0°♑	
evening set	-8209 Mar 05 j 08:43	28°♑24'17	
	-8209 Mar 07 j 20:36	0°♒	
max. Earth dist.	-8209 Apr 19 j 00:23	26°♒54'07	2.66720 AU
asc. node	-8209 Apr 20 j 04:26	27°♒38'56	
conjunction	-8209 Apr 22 j 10:18	29°♒04'58	0°01'19
minimum elong	-8209 Apr 22 j 10:15	29°♒04'52	0°00'59
behind sun begin	-8209 Apr 21 j 14:51	28°♒33'54	
behind sun end	-8209 Apr 23 j 05:39	29°♒35'51	
	-8209 Apr 23 j 20:45	0°♓	
morning rise	-8209 Jun 07 j 15:23	28°♓47'49	
	-8209 Jun 09 j 11:55	0°♈	
	-8209 Jul 25 j 05:35	0°♉	
	-8209 Sep 07 j 22:17	0°♊	
	-8209 Oct 21 j 19:17	0°♋	
	-8209 Dec 04 j 10:07	0°♌	
	-8208 Jan 18 j 03:07	0°♍	
	-8208 Mar 09 j 11:09	0°♎	
desc. node	-8208 Mar 29 j 04:42	8°♎16'23	
retrograde	-8208 Apr 26 j 21:13	13°♎33'05	
min. Earth dist.	-8208 May 23 j 19:35	8°♎56'01	0.41252 AU
opposition	-8208 May 30 j 18:06	6°♎48'53	-4°15'22
greatest brilliancy	-8208 May 29 j 14:54	7°♎09'44	-2.7m
direct	-8208 Jun 30 j 17:04	1°♎07'34	
	-8208 Sep 20 j 06:56	0°♏	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

	-8208 Nov 10 j 17:19	0°♐	
	-8208 Dec 29 j 13:39	0°♑	
	-8207 Feb 15 j 19:28	0°♒	
asc. node	-8207 Mar 07 j 00:18	12°♒01'20	
	-8207 Apr 04 j 11:51	0°♓	
evening set	-8207 Apr 12 j 11:26	5°♓04'51	
max. Earth dist.	-8207 May 12 j 12:55	24°♓25'20	2.63453 AU
	-8207 May 21 j 02:20	0°♈	
conjunction	-8207 May 30 j 00:05	5°♈50'34	0°45'11
minimum elong	-8207 May 29 j 22:40	5°♈48'14	0°45'09
	-8207 Jul 05 j 03:22	0°♉	
morning rise	-8207 Jul 15 j 20:42	7°♉19'03	
	-8207 Aug 17 j 10:49	0°♊	
	-8207 Sep 28 j 04:44	0°♋	
	-8207 Nov 07 j 19:23	0°♌	
	-8207 Dec 17 j 22:35	0°♍	
	-8206 Jan 27 j 14:34	0°♎	
desc. node	-8206 Feb 14 j 04:11	12°♎33'00	
	-8206 Mar 11 j 17:03	0°♏	
	-8206 May 02 j 11:29	0°♐	
retrograde	-8206 Jun 18 j 16:14	12°♐42'03	
min. Earth dist.	-8206 Jul 19 j 21:52	6°♐05'10	0.53414 AU
greatest brilliancy	-8206 Jul 25 j 18:11	3°♐52'13	-2.0m
opposition	-8206 Jul 27 j 02:15	3°♐21'42	-5°38'40
	-8206 Aug 05 j 12:02	30°℞♏	
direct	-8206 Aug 31 j 03:01	25°♏37'01	
	-8206 Sep 28 j 00:16	0°♐	
	-8206 Dec 04 j 06:36	0°♑	
asc. node	-8205 Jan 23 j 00:44	28°♑14'59	
	-8205 Jan 25 j 23:50	0°♒	
	-8205 Mar 16 j 10:12	0°♓	
	-8205 May 02 j 14:25	0°♈	
evening set	-8205 May 22 j 17:06	13°♈14'36	
max. Earth dist.	-8205 Jun 10 j 17:53	26°♈03'07	2.55154 AU
	-8205 Jun 16 j 12:38	0°♉	
conjunction	-8205 Jul 11 j 08:11	17°♉14'44	1°11'23
minimum elong	-8205 Jul 11 j 07:33	17°♉13'38	1°11'44
	-8205 Jul 29 j 05:55	0°♊	
morning rise	-8205 Aug 31 j 21:05	24°♊37'39	
	-8205 Sep 08 j 01:44	0°♋	
	-8205 Oct 17 j 13:34	0°♌	
	-8205 Nov 25 j 10:53	0°♍	
desc. node	-8204 Jan 02 j 01:00	28°♍49'49	
	-8204 Jan 03 j 14:00	0°♎	
	-8204 Feb 12 j 23:30	0°♏	
	-8204 Mar 27 j 01:31	0°♐	
	-8204 May 15 j 01:28	0°♑	
retrograde	-8204 Jul 27 j 08:35	24°♑46'29	
min. Earth dist.	-8204 Sep 01 j 11:43	16°♑19'55	0.62943 AU
opposition	-8204 Sep 05 j 05:46	14°♑49'33	-3°31'11
greatest brilliancy	-8204 Sep 04 j 19:43	14°♑59'37	-1.5m
direct	-8204 Oct 13 j 12:06	5°♑47'02	
asc. node	-8204 Dec 10 j 04:45	20°♑56'58	
	-8204 Dec 29 j 12:49	0°♒	
	-8203 Feb 22 j 08:32	0°♓	
	-8203 Apr 12 j 05:53	0°♈	
	-8203 May 27 j 15:22	0°♉	
evening set	-8203 Jul 07 j 00:39	28°♉23'27	
	-8203 Jul 09 j 06:02	0°♊	
max. Earth dist.	-8203 Jul 24 j 23:12	11°♊29'52	2.43303 AU
	-8203 Aug 18 j 16:21	0°♋	
conjunction	-8203 Aug 31 j 17:08	9°♋56'12	0°52'54
minimum elong	-8203 Aug 31 j 19:49	10°♋01'21	0°53'25
	-8203 Sep 26 j 15:55	0°♌	
morning rise	-8203 Nov 01 j 12:37	28°♌02'17	
	-8203 Nov 04 j 00:49	0°♍	
desc. node	-8203 Nov 18 j 18:42	11°♍30'52	
	-8203 Dec 12 j 15:49	0°♎	
	-8202 Jan 21 j 09:50	0°♏	
	-8202 Mar 04 j 03:38	0°♐	
	-8202 Apr 17 j 21:37	0°♑	
	-8202 Jun 06 j 22:04	0°♒	
	-8202 Aug 30 j 22:39	0°♓	
retrograde	-8202 Aug 31 j 14:39	0°♓00'10	
	-8202 Sep 01 j 06:35	30°℞♒	
opposition	-8202 Oct 10 j 09:18	20°♒18'32	-0°41'32
greatest brilliancy	-8202 Oct 10 j 09:34	20°♒18'17	-1.4m
min. Earth dist.	-8202 Oct 10 j 08:36	20°♒19'15	0.66718 AU
asc. node	-8202 Oct 28 j 10:11	13°♒46'54	
direct	-8202 Nov 19 j 15:53	10°♒32'47	
	-8201 Jan 25 j 15:02	0°♓	
	-8201 Mar 21 j 13:09	0°♈	
	-8201 May 07 j 15:23	0°♉	
	-8201 Jun 19 j 17:38	0°♊	
	-8201 Jul 30 j 04:27	0°♋	
evening set	-8201 Sep 03 j 08:07	27°♋07'09	
	-8201 Sep 07 j 00:37	0°♌	
desc. node	-8201 Oct 06 j 12:53	23°♌10'01	
	-8201 Oct 15 j 05:38	0°♍	
conjunction	-8201 Nov 05 j 20:29	16°♍54'57	-0°22'34
minimum elong	-8201 Nov 05 j 18:27	16°♍50'59	0°22'22
	-8201 Nov 22 j 17:51	0°♎	
max. Earth dist.	-8201 Dec 18 j 16:12	19°♎45'04	2.40521 AU
	-8200 Jan 01 j 09:29	0°♏	
morning rise	-8200 Jan 10 j 05:02	6°♏30'02	
	-8200 Feb 11 j 21:07	0°♐	
	-8200 Mar 26 j 16:59	0°♑	
	-8200 May 12 j 09:51	0°♒	
	-8200 Jul 02 j 11:52	0°♓	
	-8200 Sep 08 j 03:14	0°♈	
asc. node	-8200 Sep 14 j 13:00	1°♈36'55	
retrograde	-8200 Oct 05 j 15:52	4°♈08'12	
	-8200 Oct 30 j 22:14	30°℞♓	
opposition	-8200 Nov 13 j 06:25	25°♓07'50	2°17'12
greatest brilliancy	-8200 Nov 13 j 12:15	25°♓02'05	-1.5m
min. Earth dist.	-8200 Nov 16 j 22:31	23°♓41'03	0.64327 AU
direct	-8200 Dec 24 j 06:04	15°♓07'49	
	-8199 Feb 17 j 21:20	0°♈	
	-8199 Apr 13 j 10:07	0°♉	
	-8199 May 28 j 12:08	0°♊	
	-8199 Jul 08 j 16:22	0°♋	
	-8199 Aug 16 j 20:16	0°♌	
desc. node	-8199 Aug 23 j 11:32	5°♌09'50	
	-8199 Sep 24 j 06:27	0°♍	
	-8199 Nov 01 j 23:48	0°♎	
evening set	-8199 Nov 08 j 01:57	4°♎39'09	
	-8199 Dec 11 j 21:00	0°♏	
conjunction	-8198 Jan 07 j 11:00	19°♏18'30	-1°10'29
minimum elong	-8198 Jan 07 j 10:06	19°♏16'53	1°10'50
	-8198 Jan 22 j 12:56	0°♐	
max. Earth dist.	-8198 Feb 13 j 13:16	15°♐16'44	2.52963 AU
morning rise	-8198 Mar 05 j 04:09	28°♐35'00	
	-8198 Mar 07 j 06:53	0°♑	
	-8198 Apr 22 j 03:26	0°♒	
	-8198 Jun 09 j 02:09	0°♓	
	-8198 Jul 29 j 22:32	0°♈	
asc. node	-8198 Aug 02 j 11:03	1°♈58'32	
	-8198 Sep 27 j 14:54	0°♉	
retrograde	-8198 Nov 16 j 22:25	12°♉05'39	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

opposition	-8198 Dec 23 j 05:24	4°♉14'41	5°04'31
greatest brilliancy	-8198 Dec 24 j 09:19	3°♉48'46	-1.8m
min. Earth dist.	-8198 Dec 30 j 08:35	1°♉36'22	0.55945 AU
	-8197 Jan 03 j 22:08	30°℞♈	
direct	-8197 Feb 01 j 01:55	24°♈48'07	
	-8197 Mar 02 j 17:29	0°♉	
	-8197 May 01 j 14:40	0°♊	
	-8197 Jun 15 j 01:26	0°♋	
desc. node	-8197 Jul 11 j 12:50	19°♋23'00	
	-8197 Jul 25 j 16:00	0°♌	
	-8197 Sep 03 j 00:32	0°♍	
	-8197 Oct 12 j 12:21	0°♎	
	-8197 Nov 22 j 02:09	0°♏	
	-8196 Jan 03 j 08:17	0°♐	
evening set	-8196 Jan 04 j 02:11	0°♐31'04	
	-8196 Feb 16 j 11:27	0°♑	
conjunction	-8196 Feb 26 j 04:21	6°♑26'14	-0°57'17
minimum elong	-8196 Feb 26 j 06:02	6°♑29'01	0°57'50
max. Earth dist.	-8196 Mar 15 j 08:25	18°♑21'57	2.62312 AU
	-8196 Apr 02 j 06:57	0°♒	
morning rise	-8196 Apr 16 j 04:25	8°♒55'56	
	-8196 May 19 j 07:18	0°♓	
asc. node	-8196 Jun 19 j 05:20	19°♓26'50	
	-8196 Jul 06 j 03:08	0°♈	
	-8196 Aug 24 j 00:10	0°♉	
	-8196 Oct 14 j 21:41	0°♊	
	-8196 Dec 25 j 18:23	0°♋	
retrograde	-8195 Jan 12 j 22:54	1°♋54'36	
	-8195 Jan 30 j 10:02	30°℞♊	
opposition	-8195 Feb 14 j 08:43	25°♊55'44	5°52'32
greatest brilliancy	-8195 Feb 16 j 01:00	25°♊24'21	-2.5m
min. Earth dist.	-8195 Feb 22 j 01:24	23°♊32'35	0.43622 AU
direct	-8195 Mar 21 j 16:08	18°♊47'05	
	-8195 May 04 j 05:53	0°♋	
desc. node	-8195 May 28 j 16:21	12°♋50'43	
	-8195 Jun 25 j 02:33	0°♌	
	-8195 Aug 07 j 13:15	0°♍	
	-8195 Sep 18 j 12:39	0°♎	
	-8195 Oct 30 j 21:23	0°♏	
	-8195 Dec 13 j 11:33	0°♐	
	-8194 Jan 27 j 12:59	0°♑	
evening set	-8194 Feb 17 j 11:22	13°♑38'45	
	-8194 Mar 14 j 19:52	0°♒	
conjunction	-8194 Apr 07 j 09:34	15°♒05'49	-0°16'47
minimum elong	-8194 Apr 07 j 10:14	15°♒06'52	0°17'12
max. Earth dist.	-8194 Apr 09 j 17:19	16°♒34'54	2.66534 AU
	-8194 Apr 30 j 17:24	0°♓	
asc. node	-8194 May 06 j 22:49	3°♓58'40	
morning rise	-8194 May 24 j 03:31	14°♓58'54	
	-8194 Jun 16 j 12:39	0°♈	
	-8194 Aug 01 j 18:46	0°♉	
	-8194 Sep 16 j 11:13	0°♊	
	-8194 Nov 01 j 01:14	0°♋	
	-8194 Dec 17 j 18:30	0°♌	
	-8193 Feb 08 j 17:20	0°♍	
retrograde	-8193 Mar 31 j 18:35	14°♍12'38	
desc. node	-8193 Apr 15 j 21:08	12°♍44'11	
min. Earth dist.	-8193 Apr 29 j 04:56	9°♍32'51	0.38377 AU
opposition	-8193 May 02 j 08:05	8°♍41'04	-1°17'40
greatest brilliancy	-8193 May 02 j 03:10	8°♍44'28	-2.9m
direct	-8193 Jun 01 j 12:19	3°♍35'04	
	-8193 Aug 15 j 21:21	0°♎	
	-8193 Oct 05 j 01:29	0°♏	
	-8193 Nov 21 j 10:39	0°♐	
	-8192 Jan 07 j 15:17	0°♑	
	-8192 Feb 24 j 02:07	0°♒	
asc. node	-8192 Mar 23 j 17:12	18°♒06'36	
evening set	-8192 Mar 28 j 08:52	21°♒03'44	
	-8192 Apr 11 j 10:09	0°♓	
max. Earth dist.	-8192 May 02 j 18:23	13°♓40'00	2.65350 AU
conjunction	-8192 May 14 j 19:57	21°♓27'09	0°29'11
minimum elong	-8192 May 14 j 18:55	21°♓25'29	0°29'02
	-8192 May 27 j 23:29	0°♈	
morning rise	-8192 Jun 30 j 01:43	21°♈50'42	
	-8192 Jul 12 j 05:22	0°♉	
	-8192 Aug 24 j 22:58	0°♊	
	-8192 Oct 06 j 07:57	0°♋	
	-8192 Nov 16 j 17:43	0°♌	
	-8192 Dec 27 j 21:05	0°♍	
	-8191 Feb 08 j 01:54	0°♎	
desc. node	-8191 Mar 02 j 22:50	15°♎18'04	
	-8191 Mar 27 j 00:29	0°♏	
retrograde	-8191 May 31 j 09:50	22°♏34'49	
min. Earth dist.	-8191 Jun 29 j 11:18	16°♏50'31	0.48530 AU
greatest brilliancy	-8191 Jul 05 j 21:33	14°♏32'51	-2.2m
opposition	-8191 Jul 07 j 11:38	13°♏58'35	-5°51'20
direct	-8191 Aug 09 j 23:25	6°♏57'56	
	-8191 Oct 21 j 07:21	0°♐	
	-8191 Dec 14 j 20:03	0°♑	
	-8190 Feb 03 j 03:55	0°♒	
asc. node	-8190 Feb 08 j 15:49	3°♒20'52	
	-8190 Mar 23 j 17:28	0°♓	
evening set	-8190 May 06 j 14:56	28°♓03'09	
	-8190 May 09 j 14:37	0°♈	
max. Earth dist.	-8190 May 29 j 10:18	13°♈03'56	2.58957 AU
	-8190 Jun 23 j 12:56	0°♉	
conjunction	-8190 Jun 24 j 01:23	0°♉21'18	1°04'43
minimum elong	-8190 Jun 24 j 00:04	0°♉19'02	1°04'55
	-8190 Aug 05 j 10:28	0°♊	
morning rise	-8190 Aug 12 j 03:24	4°♊48'43	
	-8190 Sep 15 j 13:15	0°♋	
	-8190 Oct 25 j 09:14	0°♌	
	-8190 Dec 03 j 15:04	0°♍	
	-8189 Jan 12 j 03:35	0°♎	
desc. node	-8189 Jan 18 j 19:32	4°♎58'58	
	-8189 Feb 22 j 02:59	0°♏	
	-8189 Apr 07 j 14:18	0°♐	
	-8189 Jun 02 j 01:25	0°♑	
retrograde	-8189 Jul 13 j 19:08	9°♑48'31	
min. Earth dist.	-8189 Aug 17 j 04:01	2°♑00'19	0.59843 AU
opposition	-8189 Aug 22 j 08:37	29°♐56'50	-4°29'38
greatest brilliancy	-8189 Aug 21 j 14:34	0°♑14'43	-1.6m
	-8189 Aug 22 j 05:25	30°℞♐	
direct	-8189 Sep 28 j 12:13	21°♐19'49	
	-8189 Nov 08 j 20:21	0°♑	
asc. node	-8189 Dec 27 j 18:28	22°♑28'43	
	-8188 Jan 10 j 18:57	0°♒	
	-8188 Mar 02 j 15:58	0°♓	
	-8188 Apr 19 j 16:47	0°♈	
	-8188 Jun 03 j 20:30	0°♉	
evening set	-8188 Jun 17 j 20:13	9°♉39'54	
max. Earth dist.	-8188 Jul 03 j 11:31	20°♉40'45	2.48146 AU
	-8188 Jul 16 j 11:22	0°♊	
conjunction	-8188 Aug 09 j 13:49	17°♊40'30	1°07'34
minimum elong	-8188 Aug 09 j 15:18	17°♊43'14	1°08'05
	-8188 Aug 26 j 00:37	0°♋	
	-8188 Oct 04 j 03:52	0°♌	
morning rise	-8188 Oct 05 j 22:01	1°♌21'44	
	-8188 Nov 11 j 16:13	0°♍	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

desc. node	-8188 Dec 05 j 15:37	18°♍37'42	
	-8188 Dec 20 j 10:12	0°♎	
	-8187 Jan 29 j 07:26	0°♏	
	-8187 Mar 12 j 08:03	0°♐	
	-8187 Apr 26 j 22:52	0°♑	
	-8187 Jun 19 j 16:15	0°♒	
retrograde	-8187 Aug 18 j 02:23	16°♒53'49	
min. Earth dist.	-8187 Sep 25 j 13:40	7°♒38'42	0.65973 AU
opposition	-8187 Sep 27 j 01:34	7°♒02'29	-1°49'09
greatest brilliancy	-8187 Sep 26 j 23:48	7°♒04'17	-1.4m
	-8187 Oct 17 j 05:05	30°℞♑	
direct	-8187 Nov 05 j 17:01	27°♑30'25	
asc. node	-8187 Nov 13 j 23:21	27°♑54'59	
	-8187 Nov 26 j 18:24	0°♒	
	-8186 Feb 06 j 15:30	0°♓	
	-8186 Mar 30 j 04:05	0°♈	
	-8186 May 15 j 09:38	0°♉	
	-8186 Jun 27 j 05:48	0°♊	
	-8186 Aug 06 j 15:45	0°♋	
evening set	-8186 Aug 09 j 20:16	2°♋25'35	
	-8186 Sep 14 j 12:32	0°♌	
max. Earth dist.	-8186 Oct 07 j 19:47	18°♌16'09	2.38000 AU
conjunction	-8186 Oct 09 j 20:05	19°♌51'03	0°10'18
minimum elong	-8186 Oct 09 j 21:04	19°♌52'59	0°10'42
behind sun begin	-8186 Oct 09 j 00:11	19°♌11'58	
behind sun end	-8186 Oct 10 j 17:57	20°♌33'59	
	-8186 Oct 22 j 18:12	0°♍	
desc. node	-8186 Oct 23 j 09:53	0°♍30'46	
	-8186 Nov 30 j 06:25	0°♎	
morning rise	-8186 Dec 15 j 00:44	11°♎18'34	
	-8185 Jan 08 j 21:26	0°♏	
	-8185 Feb 19 j 09:10	0°♐	
	-8185 Apr 04 j 09:17	0°♑	
	-8185 May 21 j 19:59	0°♒	
	-8185 Jul 14 j 23:27	0°♓	
retrograde	-8185 Sep 22 j 06:23	20°♓54'05	
asc. node	-8185 Oct 02 j 03:08	20°♓15'44	
opposition	-8185 Oct 31 j 11:06	11°♓34'43	1°07'48
greatest brilliancy	-8185 Oct 31 j 12:38	11°♓33'11	-1.4m
min. Earth dist.	-8185 Nov 02 j 16:32	10°♓41'29	0.65994 AU
direct	-8185 Dec 11 j 08:24	1°♓36'24	
	-8184 Mar 03 j 18:51	0°♈	
	-8184 Apr 22 j 20:25	0°♉	
	-8184 Jun 05 j 20:45	0°♊	
	-8184 Jul 16 j 15:48	0°♋	
	-8184 Aug 24 j 15:20	0°♌	
desc. node	-8184 Sep 09 j 05:14	12°♌11'03	
	-8184 Oct 01 j 22:24	0°♍	
evening set	-8184 Oct 13 j 06:50	8°♍52'45	
	-8184 Nov 09 j 12:43	0°♎	
conjunction	-8184 Dec 15 j 06:52	27°♎02'42	-1°00'26
minimum elong	-8184 Dec 15 j 04:10	26°♎57'40	1°00'36
	-8184 Dec 19 j 06:30	0°♏	
max. Earth dist.	-8183 Jan 28 j 03:30	28°♏49'54	2.48155 AU
	-8183 Jan 29 j 19:16	0°♐	
morning rise	-8183 Feb 13 j 14:32	10°♐20'23	
	-8183 Mar 14 j 11:53	0°♑	
	-8183 Apr 29 j 12:29	0°♒	
	-8183 Jun 17 j 05:19	0°♓	
	-8183 Aug 09 j 18:41	0°♈	
asc. node	-8183 Aug 19 j 03:19	4°♈41'44	
retrograde	-8183 Oct 30 j 06:44	26°♈39'55	
opposition	-8183 Dec 06 j 15:24	18°♈17'21	4°03'38
greatest brilliancy	-8183 Dec 07 j 09:13	18°♈00'17	-1.6m
min. Earth dist.	-8183 Dec 12 j 12:00	16°♈02'58	0.59896 AU
direct	-8182 Jan 16 j 05:42	8°♈29'04	
	-8182 Mar 24 j 18:16	0°♉	
	-8182 May 13 j 03:39	0°♊	
	-8182 Jun 24 j 16:36	0°♋	
desc. node	-8182 Jul 28 j 05:00	25°♋10'54	
	-8182 Aug 03 j 11:59	0°♌	
	-8182 Sep 11 j 08:25	0°♍	
	-8182 Oct 20 j 10:35	0°♎	
	-8182 Nov 29 j 15:50	0°♏	
evening set	-8182 Dec 14 j 13:56	10°♏49'35	
	-8181 Jan 10 j 14:42	0°♐	
conjunction	-8181 Feb 08 j 04:56	19°♐40'57	-1°07'23
minimum elong	-8181 Feb 08 j 06:12	19°♐43'06	1°07'54
	-8181 Feb 23 j 12:42	0°♑	
max. Earth dist.	-8181 Mar 05 j 12:01	6°♑38'04	2.59231 AU
morning rise	-8181 Apr 01 j 08:48	24°♑14'20	
	-8181 Apr 10 j 06:43	0°♒	
	-8181 May 27 j 12:19	0°♓	
asc. node	-8181 Jul 06 j 23:35	25°♓02'40	
	-8181 Jul 15 j 03:00	0°♈	
	-8181 Sep 04 j 04:10	0°♉	
	-8181 Nov 03 j 14:22	0°♊	
retrograde	-8181 Dec 19 j 13:35	10°♊27'47	
opposition	-8180 Jan 22 j 17:20	3°♊40'12	6°06'10
greatest brilliancy	-8180 Jan 24 j 11:00	3°♊04'45	-2.2m
min. Earth dist.	-8180 Jan 31 j 02:00	0°♊50'29	0.48551 AU
	-8180 Feb 02 j 16:33	30°℞♉	
direct	-8180 Feb 29 j 09:12	25°♉21'30	
	-8180 Mar 27 j 13:14	0°♊	
	-8180 May 25 j 09:28	0°♋	
desc. node	-8180 Jun 14 j 08:39	13°♋13'27	
	-8180 Jul 08 j 05:47	0°♌	
	-8180 Aug 18 j 04:48	0°♍	
	-8180 Sep 27 j 18:56	0°♎	
	-8180 Nov 08 j 04:58	0°♏	
	-8180 Dec 21 j 02:50	0°♐	
evening set	-8179 Jan 31 j 19:18	28°♐04'27	
	-8179 Feb 03 j 17:09	0°♑	
	-8179 Mar 21 j 17:56	0°♒	
conjunction	-8179 Mar 22 j 23:24	0°♒47'28	-0°34'03
minimum elong	-8179 Mar 23 j 00:41	0°♒49'31	0°34'32
max. Earth dist.	-8179 Mar 31 j 03:11	6°♒02'14	2.65530 AU
	-8179 May 07 j 14:50	0°♓	
morning rise	-8179 May 09 j 15:28	1°♓17'29	
asc. node	-8179 May 23 j 16:46	10°♓14'40	
	-8179 Jun 23 j 16:48	0°♈	
	-8179 Aug 09 j 16:19	0°♉	
	-8179 Sep 25 j 20:09	0°♊	
	-8179 Nov 13 j 11:04	0°♋	
	-8178 Jan 07 j 20:51	0°♌	
retrograde	-8178 Feb 28 j 23:47	13°♌51'54	
opposition	-8178 Mar 31 j 14:46	8°♌45'44	2°28'35
greatest brilliancy	-8178 Mar 31 j 23:03	8°♌40'10	-2.9m
min. Earth dist.	-8178 Apr 02 j 20:24	8°♌09'46	0.38384 AU
direct	-8178 May 01 j 15:32	3°♌26'30	
desc. node	-8178 May 02 j 12:23	3°♌26'48	
	-8178 Jul 14 j 12:24	0°♍	
	-8178 Aug 31 j 14:34	0°♎	
	-8178 Oct 15 j 21:44	0°♏	
	-8178 Nov 30 j 05:05	0°♐	
	-8177 Jan 15 j 07:39	0°♑	
	-8177 Mar 03 j 04:44	0°♒	
evening set	-8177 Mar 14 j 04:41	7°♒00'10	
asc. node	-8177 Apr 10 j 10:13	24°♒20'27	
	-8177 Apr 19 j 07:03	0°♓	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

max. Earth dist.	-8177 Apr 24 j 11:26	3°♓18'42	2.66470 AU
conjunction	-8177 Apr 30 j 22:32	7°♓26'56	0°11'44
minimum elong	-8177 Apr 30 j 22:06	7°♓26'15	0°11'28
behind sun begin	-8177 Apr 30 j 08:29	7°♓04'26	
behind sun end	-8177 May 01 j 11:44	7°♓48'04	
	-8177 Jun 04 j 21:27	0°♈	
morning rise	-8177 Jun 16 j 00:50	7°♈15'55	
	-8177 Jul 20 j 10:40	0°♉	
	-8177 Sep 02 j 18:12	0°♊	
	-8177 Oct 16 j 00:06	0°♋	
	-8177 Nov 27 j 14:45	0°♌	
	-8176 Jan 09 j 12:32	0°♍	
	-8176 Feb 24 j 06:46	0°♎	
desc. node	-8176 Mar 19 j 15:48	13°♎43'22	
retrograde	-8176 May 10 j 11:16	29°♎04'16	
min. Earth dist.	-8176 Jun 06 j 17:31	24°♎08'59	0.43636 AU
greatest brilliancy	-8176 Jun 13 j 03:06	22°♎04'17	-2.5m
opposition	-8176 Jun 14 j 14:25	21°♎35'19	-5°13'22
direct	-8176 Jul 16 j 11:49	15°♎25'36	
	-8176 Sep 08 j 07:13	0°♏	
	-8176 Nov 03 j 17:42	0°♐	
	-8176 Dec 24 j 00:19	0°♑	
	-8175 Feb 10 j 20:51	0°♒	
asc. node	-8175 Feb 25 j 06:33	8°♒56'51	
	-8175 Mar 30 j 19:47	0°♓	
evening set	-8175 Apr 21 j 04:37	13°♓36'31	
	-8175 May 16 j 12:33	0°♈	
max. Earth dist.	-8175 May 18 j 12:21	1°♈18'10	2.62071 AU
conjunction	-8175 Jun 07 j 21:42	14°♈45'51	0°53'18
minimum elong	-8175 Jun 07 j 20:12	14°♈43'21	0°53'22
	-8175 Jun 30 j 12:50	0°♉	
morning rise	-8175 Jul 25 j 08:18	17°♉05'19	
	-8175 Aug 12 j 16:53	0°♊	
	-8175 Sep 23 j 05:21	0°♋	
	-8175 Nov 02 j 12:48	0°♌	
	-8175 Dec 12 j 06:56	0°♍	
	-8174 Jan 21 j 10:13	0°♎	
desc. node	-8174 Feb 04 j 15:56	10°♎23'53	
	-8174 Mar 04 j 10:28	0°♏	
	-8174 Apr 20 j 22:32	0°♐	
retrograde	-8174 Jun 28 j 05:32	23°♐23'16	
min. Earth dist.	-8174 Jul 30 j 14:57	16°♐19'48	0.55881 AU
greatest brilliancy	-8174 Aug 05 j 00:59	14°♐13'59	-1.8m
opposition	-8174 Aug 06 j 04:14	13°♐47'35	-5°18'25
direct	-8174 Sep 11 j 00:11	5°♐42'24	
	-8174 Nov 26 j 06:23	0°♑	
asc. node	-8173 Jan 13 j 07:27	25°♑59'27	
	-8173 Jan 20 j 06:43	0°♒	
	-8173 Mar 11 j 10:33	0°♓	
	-8173 Apr 27 j 21:41	0°♈	
evening set	-8173 Jun 01 j 06:41	22°♈45'43	
	-8173 Jun 11 j 22:06	0°♉	
max. Earth dist.	-8173 Jun 18 j 13:29	4°♉33'56	2.52785 AU
conjunction	-8173 Jul 21 j 19:19	27°♉58'45	1°12'19
minimum elong	-8173 Jul 21 j 19:20	27°♉58'48	1°12'44
	-8173 Jul 24 j 14:43	0°♊	
	-8173 Sep 03 j 08:23	0°♋	
morning rise	-8173 Sep 13 j 03:03	7°♋22'30	
	-8173 Oct 12 j 17:09	0°♌	
	-8173 Nov 20 j 10:55	0°♍	
desc. node	-8173 Dec 23 j 11:06	25°♍27'09	
	-8173 Dec 29 j 10:07	0°♎	
	-8172 Feb 07 j 13:39	0°♏	
	-8172 Mar 21 j 02:49	0°♐	
	-8172 May 07 j 08:19	0°♑	
	-8172 Jul 11 j 21:27	0°♒	
retrograde	-8172 Aug 04 j 09:53	3°♒18'50	
	-8172 Aug 26 j 09:08	30°℞♑	
min. Earth dist.	-8172 Sep 10 j 10:02	24°♑34'02	0.64265 AU
opposition	-8172 Sep 13 j 09:10	23°♑22'28	-2°54'46
greatest brilliancy	-8172 Sep 13 j 02:45	23°♑28'55	-1.5m
direct	-8172 Oct 22 j 04:44	14°♑08'18	
asc. node	-8172 Nov 30 j 11:56	21°♑58'07	
	-8172 Dec 20 j 13:14	0°♒	
	-8171 Feb 16 j 12:04	0°♓	
	-8171 Apr 07 j 04:29	0°♈	
	-8171 May 22 j 20:59	0°♉	
	-8171 Jul 04 j 13:53	0°♊	
evening set	-8171 Jul 18 j 16:20	10°♊17'57	
max. Earth dist.	-8171 Aug 11 j 03:27	27°♊49'36	2.40810 AU
	-8171 Aug 14 j 00:18	0°♋	
conjunction	-8171 Sep 14 j 05:44	23°♋59'51	0°39'54
minimum elong	-8171 Sep 14 j 08:29	24°♋05'09	0°40'23
	-8171 Sep 21 j 22:49	0°♌	
	-8171 Oct 30 j 06:06	0°♍	
desc. node	-8171 Nov 09 j 04:52	7°♍47'11	
morning rise	-8171 Nov 17 j 05:48	14°♍03'39	
	-8171 Dec 07 j 19:28	0°♎	
	-8170 Jan 16 j 11:26	0°♏	
	-8170 Feb 27 j 01:28	0°♐	
	-8170 Apr 12 j 10:13	0°♑	
	-8170 May 31 j 03:38	0°♒	
	-8170 Jul 31 j 13:18	0°♓	
retrograde	-8170 Sep 08 j 10:37	7°♓54'44	
	-8170 Oct 13 j 21:19	30°℞♒	
opposition	-8170 Oct 18 j 01:29	28°♒20'07	-0°01'31
greatest brilliancy	-8170 Oct 18 j 01:36	28°♒20'00	-1.4m
asc. node	-8170 Oct 18 j 17:09	28°♒04'24	
min. Earth dist.	-8170 Oct 18 j 19:53	28°♒01'40	0.66719 AU
direct	-8170 Nov 27 j 14:57	18°♒28'49	
	-8169 Jan 15 j 11:46	0°♓	
	-8169 Mar 15 j 10:27	0°♈	
	-8169 May 02 j 09:30	0°♉	
	-8169 Jun 14 j 19:09	0°♊	
	-8169 Jul 25 j 09:07	0°♋	
	-8169 Sep 02 j 06:31	0°♌	
evening set	-8169 Sep 17 j 21:18	12°♌14'11	
desc. node	-8169 Sep 27 j 00:01	19°♌23'44	
	-8169 Oct 10 j 11:53	0°♍	
	-8169 Nov 18 j 00:10	0°♎	
conjunction	-8169 Nov 20 j 21:10	2°♎12'43	-0°39'03
minimum elong	-8169 Nov 20 j 18:07	2°♎06'51	0°38'58
	-8169 Dec 27 j 15:32	0°♏	
max. Earth dist.	-8168 Jan 06 j 07:13	7°♏07'19	2.43103 AU
morning rise	-8168 Jan 23 j 18:06	19°♏47'28	
	-8168 Feb 07 j 02:12	0°♐	
	-8168 Mar 21 j 19:23	0°♑	
	-8168 May 07 j 03:47	0°♒	
	-8168 Jun 26 j 02:03	0°♓	
	-8168 Aug 24 j 05:52	0°♈	
asc. node	-8168 Sep 04 j 19:15	4°♈28'16	
retrograde	-8168 Oct 14 j 07:21	12°♈24'59	
opposition	-8168 Nov 21 j 12:43	3°♈36'48	2°56'58
greatest brilliancy	-8168 Nov 21 j 22:11	3°♈27'33	-1.5m
min. Earth dist.	-8168 Nov 25 j 23:49	1°♈52'16	0.62986 AU
	-8168 Nov 30 j 22:23	30°℞♓	
direct	-8167 Jan 01 j 11:19	23°♓38'48	
	-8167 Feb 04 j 13:29	0°♈	
	-8167 Apr 06 j 15:44	0°♉	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

	-8167 May 22 j 20:08	0°♊		
	-8167 Jul 03 j 10:06	0°♋		
	-8167 Aug 11 j 18:53	0°♌		
desc. node	-8167 Aug 13 j 21:54	1°♌38'49		
	-8167 Sep 19 j 08:05	0°♍		
	-8167 Oct 28 j 03:54	0°♎		
evening set	-8167 Nov 21 j 21:32	18°♎42'12		
	-8167 Dec 07 j 03:01	0°♏		
	-8166 Jan 17 j 20:13	0°♐		
conjunction	-8166 Jan 19 j 12:48	1°♐11'10	-1°11'37	
minimum elong	-8166 Jan 19 j 12:54	1°♐11'20	1°12'03	
max. Earth dist.	-8166 Feb 21 j 10:52	23°♐50'37	2.55379 AU	
	-8166 Mar 02 j 14:25	0°♑		
morning rise	-8166 Mar 15 j 10:50	8°♑33'17		
	-8166 Apr 17 j 08:36	0°♒		
	-8166 Jun 03 j 23:07	0°♓		
asc. node	-8166 Jul 23 j 16:46	29°♓57'06		
	-8166 Jul 23 j 18:46	0°♈		
	-8166 Sep 16 j 20:22	0°♉		
retrograde	-8166 Nov 27 j 21:35	22°♉00'51		
opposition	-8165 Jan 02 j 12:39	14°♉30'19	5°33'37	
greatest brilliancy	-8165 Jan 03 j 22:25	13°♉59'45	-1.9m	
min. Earth dist.	-8165 Jan 10 j 07:00	11°♉42'26	0.53441 AU	
direct	-8165 Feb 10 j 18:59	5°♉22'22		
	-8165 Apr 22 j 17:43	0°♊		
	-8165 Jun 08 j 09:15	0°♋		
desc. node	-8165 Jul 01 j 23:48	16°♋52'30		
	-8165 Jul 19 j 18:21	0°♌		
	-8165 Aug 28 j 12:46	0°♍		
	-8165 Oct 07 j 07:38	0°♎		
	-8165 Nov 17 j 02:56	0°♏		
	-8165 Dec 29 j 13:15	0°♐		
evening set	-8164 Jan 14 j 23:32	11°♐16'45		
	-8164 Feb 11 j 19:22	0°♑		
conjunction	-8164 Mar 06 j 20:57	15°♑51'26	-0°49'34	
minimum elong	-8164 Mar 06 j 22:36	15°♑54'08	0°50'05	
max. Earth dist.	-8164 Mar 21 j 06:56	25°♑14'11	2.63697 AU	
	-8164 Mar 28 j 15:47	0°♒		
morning rise	-8164 Apr 24 j 21:28	17°♒28'22		
	-8164 May 14 j 13:57	0°♓		
asc. node	-8164 Jun 09 j 10:55	16°♓22'27		
	-8164 Jul 01 j 02:01	0°♈		
	-8164 Aug 18 j 03:01	0°♉		
	-8164 Oct 06 j 17:46	0°♊		
	-8164 Dec 01 j 16:24	0°♋		
retrograde	-8163 Jan 28 j 21:03	16°♋04'54		
opposition	-8163 Mar 01 j 11:36	10°♋31'10	5°09'04	
greatest brilliancy	-8163 Mar 02 j 19:37	10°♋07'33	-2.6m	
min. Earth dist.	-8163 Mar 07 j 21:44	8°♋38'10	0.41239 AU	
direct	-8163 Apr 04 j 04:38	4°♋05'54		
desc. node	-8163 May 19 j 05:25	15°♋57'13		
	-8163 Jun 14 j 12:07	0°♌		
	-8163 Jul 30 j 23:56	0°♍		
	-8163 Sep 12 j 05:37	0°♎		
	-8163 Oct 25 j 07:52	0°♏		
	-8163 Dec 08 j 08:58	0°♐		
	-8162 Jan 22 j 17:28	0°♑		
evening set	-8162 Feb 26 j 16:22	22°♑37'16		
	-8162 Mar 10 j 04:24	0°♒		
max. Earth dist.	-8162 Apr 15 j 04:36	23°♒00'45	2.66754 AU	
conjunction	-8162 Apr 16 j 01:44	23°♒34'30	-0°06'22	
minimum elong	-8162 Apr 16 j 02:00	23°♒34'54	0°06'44	
behind sun begin	-8162 Apr 15 j 08:01	23°♒06'13		
behind sun end	-8162 Apr 16 j 19:58	24°♒03'35		
	-8162 Apr 26 j 03:07	0°♓		
asc. node	-8162 Apr 27 j 03:26	0°♓38'51		
morning rise	-8162 Jun 01 j 11:05	23°♓17'55		
	-8162 Jun 11 j 20:18	0°♈		
	-8162 Jul 27 j 19:32	0°♉		
	-8162 Sep 10 j 22:18	0°♊		
	-8162 Oct 25 j 11:30	0°♋		
	-8162 Dec 09 j 04:30	0°♌		
	-8161 Jan 25 j 03:30	0°♍		
	-8161 Apr 01 j 19:34	0°♎		
desc. node	-8161 Apr 06 j 09:25	0°♎45'26		
retrograde	-8161 Apr 16 j 14:20	1°♎27'40		
	-8161 May 01 j 10:06	30°℞♍		
min. Earth dist.	-8161 May 13 j 18:56	26°♍56'28	0.39669 AU	
opposition	-8161 May 19 j 08:55	25°♍19'21	-3°09'50	
greatest brilliancy	-8161 May 18 j 15:15	25°♍32'11	-2.8m	
direct	-8161 Jun 18 j 18:15	19°♍57'53		
	-8161 Jul 31 j 14:27	0°♎		
	-8161 Sep 27 j 02:51	0°♏		
	-8161 Nov 15 j 09:27	0°♐		
	-8160 Jan 02 j 09:58	0°♑		
	-8160 Feb 19 j 06:36	0°♒		
asc. node	-8160 Mar 13 j 22:20	14°♒53'07		
evening set	-8160 Apr 06 j 01:12	29°♒31'21		
	-8160 Apr 06 j 19:13	0°♓		
max. Earth dist.	-8160 May 08 j 10:46	20°♓16'57	2.64410 AU	
conjunction	-8160 May 23 j 11:41	0°♈03'03	0°38'40	
minimum elong	-8160 May 23 j 10:24	0°♈00'58	0°38'36	
	-8160 May 23 j 09:49	0°♈		
	-8160 Jul 07 j 13:44	0°♉		
morning rise	-8160 Jul 08 j 23:46	0°♉57'34		
	-8160 Aug 20 j 02:20	0°♊		
	-8160 Oct 01 j 03:10	0°♋		
	-8160 Nov 11 j 02:01	0°♌		
	-8160 Dec 21 j 14:26	0°♍		
	-8159 Jan 31 j 19:05	0°♎		
desc. node	-8159 Feb 21 j 09:37	14°♎24'40		
	-8159 Mar 16 j 23:59	0°♏		
	-8159 May 14 j 19:04	0°♐		
retrograde	-8159 Jun 11 j 01:44	4°♐47'03		
	-8159 Jul 07 j 05:49	30°℞♏		
min. Earth dist.	-8159 Jul 11 j 08:23	28°♏33'33	0.51268 AU	
opposition	-8159 Jul 18 j 23:45	25°♏43'33	-5°48'46	
greatest brilliancy	-8159 Jul 17 j 12:16	26°♏16'33	-2.1m	
direct	-8159 Aug 22 j 08:01	18°♏17'37		
	-8159 Oct 09 j 14:56	0°♐		
	-8159 Dec 08 j 06:38	0°♑		
	-8158 Jan 28 j 20:18	0°♒		
asc. node	-8158 Jan 29 j 22:08	0°♒38'42		
	-8158 Mar 18 j 21:27	0°♓		
	-8158 May 04 j 23:24	0°♈		
evening set	-8158 May 15 j 18:06	7°♈03'40		
max. Earth dist.	-8158 Jun 05 j 07:17	20°♈44'38	2.56951 AU	
	-8158 Jun 18 j 22:46	0°♉		
conjunction	-8158 Jul 03 j 18:19	10°♉12'42	1°09'13	
minimum elong	-8158 Jul 03 j 17:20	10°♉10'59	1°09'31	
	-8158 Jul 31 j 19:00	0°♊		
morning rise	-8158 Aug 23 j 01:45	16°♊09'36		
	-8158 Sep 10 j 18:42	0°♋		
	-8158 Oct 20 j 10:34	0°♌		
	-8158 Nov 28 j 11:22	0°♍		
	-8157 Jan 06 j 17:44	0°♎		
desc. node	-8157 Jan 09 j 06:59	1°♎55'30		
	-8157 Feb 16 j 07:21	0°♏		
	-8157 Mar 31 j 18:53	0°♐		

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

	-8157 May 21 j 11:14	0°♉	
retrograde	-8157 Jul 22 j 05:58	18°♉56'58	
min. Earth dist.	-8157 Aug 26 j 14:58	10°♉47'09	0.61662 AU
greatest brilliancy	-8157 Aug 30 j 11:39	9°♉14'38	-1.6m
opposition	-8157 Aug 31 j 00:59	9°♉01'20	-3°56'44
direct	-8157 Oct 07 j 20:33	0°♉09'30	
asc. node	-8157 Dec 18 j 01:47	21°♉36'20	
	-8156 Jan 03 j 19:32	0°♒	
	-8156 Feb 26 j 06:21	0°♓	
	-8156 Apr 14 j 19:34	0°♈	
	-8156 May 30 j 03:42	0°♉	
evening set	-8156 Jun 28 j 13:34	20°♉29'54	
	-8156 Jul 11 j 19:37	0°♊	
max. Earth dist.	-8156 Jul 14 j 15:32	2°♊03'01	2.45460 AU
conjunction	-8156 Aug 21 j 19:55	0°♋22'17	1°00'31
minimum elong	-8156 Aug 21 j 22:11	0°♋26'34	1°01'03
	-8156 Aug 21 j 08:08	0°♋	
	-8156 Sep 29 j 09:56	0°♌	
morning rise	-8156 Oct 20 j 15:25	16°♌33'04	
	-8156 Nov 06 j 20:20	0°♍	
desc. node	-8156 Nov 26 j 01:19	14°♍58'05	
	-8156 Dec 15 j 12:10	0°♎	
	-8155 Jan 24 j 06:32	0°♏	
	-8155 Mar 07 j 01:16	0°♐	
	-8155 Apr 21 j 00:48	0°♑	
	-8155 Jun 11 j 02:42	0°♒	
retrograde	-8155 Aug 25 j 20:53	24°♒53'40	
opposition	-8155 Oct 04 j 18:30	15°♒07'11	-1°10'02
min. Earth dist.	-8155 Oct 04 j 01:51	15°♒23'57	0.66503 AU
greatest brilliancy	-8155 Oct 04 j 18:12	15°♒07'29	-1.4m
asc. node	-8155 Nov 04 j 07:00	6°♒01'58	
direct	-8155 Nov 13 j 19:23	5°♒27'05	
	-8154 Jan 30 j 07:09	0°♓	
	-8154 Mar 24 j 15:32	0°♈	
	-8154 May 10 j 09:48	0°♉	
	-8154 Jun 22 j 10:32	0°♊	
	-8154 Aug 01 j 21:49	0°♋	
evening set	-8154 Aug 23 j 10:43	16°♋31'03	
	-8154 Sep 09 j 18:43	0°♌	
desc. node	-8154 Oct 13 j 18:38	26°♌41'08	
	-8154 Oct 17 j 23:53	0°♍	
conjunction	-8154 Oct 25 j 01:26	5°♍32'38	-0°08'35
minimum elong	-8154 Oct 25 j 00:39	5°♍31'05	0°08'17
behind sun begin	-8154 Oct 24 j 00:29	4°♍43'45	
behind sun end	-8154 Oct 26 j 00:48	6°♍18'25	
max. Earth dist.	-8154 Nov 24 j 22:43	29°♍35'17	2.38799 AU
	-8154 Nov 25 j 11:33	0°♎	
morning rise	-8154 Dec 30 j 03:47	26°♎20'00	
	-8153 Jan 04 j 02:00	0°♏	
	-8153 Feb 14 j 12:12	0°♐	
	-8153 Mar 30 j 08:10	0°♑	
	-8153 May 16 j 05:42	0°♒	
	-8153 Jul 07 j 06:02	0°♓	
asc. node	-8153 Sep 22 j 10:21	28°♓29'31	
retrograde	-8153 Sep 30 j 10:13	28°♓52'57	
opposition	-8153 Nov 08 j 07:59	19°♓43'32	1°47'58
greatest brilliancy	-8153 Nov 08 j 11:36	19°♓39'57	-1.4m
min. Earth dist.	-8153 Nov 11 j 08:33	18°♓31'44	0.65202 AU
direct	-8153 Dec 19 j 07:52	9°♓43'38	
	-8152 Feb 24 j 15:08	0°♈	
	-8152 Apr 16 j 23:29	0°♉	
	-8152 May 31 j 14:59	0°♊	
	-8152 Jul 11 j 15:52	0°♋	
	-8152 Aug 19 j 18:12	0°♌	
desc. node	-8152 Aug 30 j 16:22	8°♌31'24	
	-8152 Sep 27 j 02:41	0°♍	
evening set	-8152 Oct 28 j 01:07	24°♍04'20	
	-8152 Nov 04 j 17:54	0°♎	
	-8152 Dec 14 j 12:30	0°♏	
conjunction	-8152 Dec 28 j 18:07	10°♏26'33	-1°07'28
minimum elong	-8152 Dec 28 j 16:23	10°♏23'23	1°07'46
	-8151 Jan 25 j 01:33	0°♐	
max. Earth dist.	-8151 Feb 07 j 04:35	9°♐10'39	2.50872 AU
morning rise	-8151 Feb 25 j 00:57	21°♐26'10	
	-8151 Mar 09 j 17:31	0°♑	
	-8151 Apr 24 j 14:08	0°♒	
	-8151 Jun 11 j 18:31	0°♓	
	-8151 Aug 02 j 12:19	0°♈	
asc. node	-8151 Aug 09 j 09:20	3°♈43'12	
	-8151 Oct 07 j 02:50	0°♉	
retrograde	-8151 Nov 09 j 01:59	5°♉44'15	
	-8151 Dec 09 j 10:47	30°℞♈	
opposition	-8151 Dec 15 j 21:48	27°♈38'18	4°39'20
greatest brilliancy	-8151 Dec 16 j 21:08	27°♈16'20	-1.7m
min. Earth dist.	-8151 Dec 22 j 12:18	25°♈09'27	0.57823 AU
direct	-8150 Jan 25 j 04:17	18°♈00'25	
	-8150 Mar 13 j 15:16	0°♉	
	-8150 May 06 j 07:31	0°♊	
	-8150 Jun 18 j 20:15	0°♋	
desc. node	-8150 Jul 18 j 17:34	22°♋09'06	
	-8150 Jul 29 j 02:05	0°♌	
	-8150 Sep 06 j 04:35	0°♍	
	-8150 Oct 15 j 11:04	0°♎	
	-8150 Nov 24 j 19:48	0°♏	
evening set	-8150 Dec 26 j 11:47	22°♏42'47	
	-8149 Jan 05 j 21:07	0°♐	
conjunction	-8149 Feb 18 j 16:03	29°♐52'16	-1°02'07
minimum elong	-8149 Feb 18 j 17:38	29°♐54'56	1°02'38
	-8149 Feb 18 j 20:40	0°♑	
max. Earth dist.	-8149 Mar 12 j 01:13	14°♑01'41	2.61025 AU
	-8149 Apr 05 j 14:16	0°♒	
morning rise	-8149 Apr 10 j 13:40	3°♒12'21	
	-8149 May 22 j 16:01	0°♓	
asc. node	-8149 Jun 27 j 04:07	22°♓12'11	
	-8149 Jul 09 j 18:49	0°♈	
	-8149 Aug 28 j 10:31	0°♉	
	-8149 Oct 21 j 19:26	0°♊	
retrograde	-8148 Jan 02 j 10:40	22°♊35'34	
opposition	-8148 Feb 04 j 14:49	16°♊14'43	6°05'45
greatest brilliancy	-8148 Feb 06 j 09:29	15°♊40'00	-2.3m
min. Earth dist.	-8148 Feb 12 j 19:28	13°♊35'33	0.45776 AU
direct	-8148 Mar 12 j 01:52	8°♊32'19	
	-8148 May 14 j 17:23	0°♋	
desc. node	-8148 Jun 04 j 20:42	12°♋45'21	
	-8148 Jun 30 j 17:34	0°♌	
	-8148 Aug 11 j 20:36	0°♍	
	-8148 Sep 22 j 02:27	0°♎	
	-8148 Nov 02 j 23:15	0°♏	
	-8148 Dec 16 j 04:25	0°♐	
	-8147 Jan 29 j 23:39	0°♑	
evening set	-8147 Feb 10 j 11:19	7°♑32'24	
	-8147 Mar 17 j 02:49	0°♒	
conjunction	-8147 Mar 31 j 21:46	9°♒29'42	-0°24'10
minimum elong	-8147 Mar 31 j 22:42	9°♒31'13	0°24'37
max. Earth dist.	-8147 Apr 05 j 17:53	12°♒35'41	2.66185 AU
	-8147 May 02 j 23:38	0°♓	
asc. node	-8147 May 13 j 21:28	6°♓57'54	
morning rise	-8147 May 18 j 00:23	9°♓35'47	
	-8147 Jun 18 j 21:45	0°♈	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

	-8147 Aug 04 j 11:08	0°♉	
	-8147 Sep 19 j 17:48	0°♊	
	-8147 Nov 05 j 10:09	0°♋	
	-8147 Dec 24 j 14:09	0°♌	
	-8146 Mar 04 j 19:40	0°♍	
retrograde	-8146 Mar 18 j 15:05	1°♍12'41	
	-8146 Apr 01 j 09:37	30°℞♌	
opposition	-8146 Apr 18 j 11:56	26°♌00'15	0°21'49
min. Earth dist.	-8146 Apr 17 j 17:48	26°♌12'26	0.37978 AU
greatest brilliancy	-8146 Apr 18 j 12:17	26°♌00'01	-3.0m
desc. node	-8146 Apr 23 j 01:02	24°♌47'43	
direct	-8146 May 18 j 20:14	20°♌55'53	
	-8146 Jun 27 j 13:06	0°♍	
	-8146 Aug 22 j 21:09	0°♎	
	-8146 Oct 09 j 08:24	0°♏	
	-8146 Nov 24 j 15:45	0°♐	
	-8145 Jan 10 j 07:16	0°♑	
	-8145 Feb 26 j 11:11	0°♒	
evening set	-8145 Mar 22 j 22:47	15°♒31'53	
asc. node	-8145 Mar 31 j 15:09	21°♒02'46	
	-8145 Apr 14 j 16:34	0°♓	
max. Earth dist.	-8145 Apr 29 j 23:39	9°♓46'56	2.65950 AU
conjunction	-8145 May 09 j 11:54	15°♓53'39	0°21'59
minimum elong	-8145 May 09 j 11:06	15°♓52'22	0°21'47
	-8145 May 31 j 06:45	0°♈	
morning rise	-8145 Jun 24 j 14:46	15°♈58'05	
	-8145 Jul 15 j 16:18	0°♉	
	-8145 Aug 28 j 16:31	0°♊	
	-8145 Oct 10 j 10:33	0°♋	
	-8145 Nov 21 j 08:11	0°♌	
	-8144 Jan 02 j 02:55	0°♍	
	-8144 Feb 14 j 10:20	0°♎	
desc. node	-8144 Mar 10 j 03:43	15°♎43'12	
	-8144 Apr 05 j 04:04	0°♏	
retrograde	-8144 May 22 j 17:33	13°♏14'29	
min. Earth dist.	-8144 Jun 19 j 22:11	7°♏53'05	0.46288 AU
greatest brilliancy	-8144 Jun 26 j 10:08	5°♏38'53	-2.3m
opposition	-8144 Jun 28 j 00:38	5°♏05'27	-5°43'28
	-8144 Jul 15 j 15:19	30°℞♎	
direct	-8144 Jul 30 j 18:47	28°♎27'03	
	-8144 Aug 15 j 13:32	0°♏	
	-8144 Oct 26 j 20:16	0°♐	
	-8144 Dec 18 j 04:26	0°♑	
	-8143 Feb 05 j 19:24	0°♒	
asc. node	-8143 Feb 15 j 12:52	5°♒58'43	
	-8143 Mar 26 j 02:32	0°♓	
evening set	-8143 Apr 29 j 23:51	22°♓14'49	
	-8143 May 11 j 22:27	0°♈	
max. Earth dist.	-8143 May 24 j 16:41	8°♈22'39	2.60436 AU
conjunction	-8143 Jun 17 j 01:03	23°♈58'02	1°00'21
minimum elong	-8143 Jun 16 j 23:35	23°♈55'35	1°00'30
	-8143 Jun 25 j 22:25	0°♉	
morning rise	-8143 Aug 04 j 07:18	27°♉22'50	
	-8143 Aug 07 j 23:44	0°♊	
	-8143 Sep 18 j 07:17	0°♋	
	-8143 Oct 28 j 08:34	0°♌	
	-8143 Dec 06 j 19:29	0°♍	
	-8142 Jan 15 j 13:13	0°♎	
desc. node	-8142 Jan 26 j 01:07	7°♎46'41	
	-8142 Feb 25 j 20:36	0°♏	
	-8142 Apr 12 j 04:45	0°♐	
	-8142 Jun 14 j 03:07	0°♑	
retrograde	-8142 Jul 07 j 07:08	3°♑23'47	
	-8142 Jul 29 j 05:37	30°℞♐	
min. Earth dist.	-8142 Aug 09 j 19:33	25°♐55'05	0.58170 AU
opposition	-8142 Aug 15 j 15:30	23°♐37'45	-4°51'59
greatest brilliancy	-8142 Aug 14 j 17:29	23°♐59'21	-1.7m
direct	-8142 Sep 21 j 06:10	15°♐14'08	
	-8142 Nov 16 j 12:25	0°♑	
asc. node	-8141 Jan 03 j 15:17	24°♑06'51	
	-8141 Jan 14 j 05:43	0°♒	
	-8141 Mar 06 j 08:19	0°♓	
	-8141 Apr 23 j 04:05	0°♈	
	-8141 Jun 07 j 07:27	0°♉	
evening set	-8141 Jun 11 j 03:07	2°♉37'03	
max. Earth dist.	-8141 Jun 27 j 02:18	13°♉42'01	2.50275 AU
	-8141 Jul 20 j 00:18	0°♊	
conjunction	-8141 Aug 01 j 18:41	9°♊16'39	1°10'42
minimum elong	-8141 Aug 01 j 19:30	9°♊18'09	1°11'10
	-8141 Aug 29 j 16:13	0°♋	
morning rise	-8141 Sep 26 j 05:13	20°♋58'09	
	-8141 Oct 07 j 22:19	0°♌	
	-8141 Nov 15 j 12:53	0°♍	
desc. node	-8141 Dec 13 j 21:04	21°♍57'35	
	-8141 Dec 24 j 08:23	0°♎	
	-8140 Feb 02 j 07:07	0°♏	
	-8140 Mar 15 j 10:42	0°♐	
	-8140 Apr 30 j 12:39	0°♑	
	-8140 Jun 25 j 22:08	0°♒	
retrograde	-8140 Aug 12 j 07:47	11°♒37'17	
min. Earth dist.	-8140 Sep 19 j 04:27	2°♒35'10	0.65336 AU
opposition	-8140 Sep 21 j 08:08	1°♒43'07	-2°16'55
greatest brilliancy	-8140 Sep 21 j 04:39	1°♒46'38	-1.4m
	-8140 Sep 25 j 15:38	30°℞♑	
direct	-8140 Oct 30 j 15:53	22°♑18'26	
asc. node	-8140 Nov 20 j 19:43	24°♑50'02	
	-8140 Dec 08 j 14:19	0°♒	
	-8139 Feb 10 j 06:30	0°♓	
	-8139 Apr 02 j 00:02	0°♈	
	-8139 May 18 j 01:04	0°♉	
	-8139 Jun 29 j 21:11	0°♊	
evening set	-8139 Jul 30 j 22:35	22°♊54'00	
	-8139 Aug 09 j 08:16	0°♋	
max. Earth dist.	-8139 Sep 04 j 16:35	20°♋13'05	2.38820 AU
	-8139 Sep 17 j 06:24	0°♌	
conjunction	-8139 Sep 28 j 10:26	8°♌44'04	0°23'58
minimum elong	-8139 Sep 28 j 12:27	8°♌48'02	0°24'24
	-8139 Oct 25 j 12:45	0°♍	
desc. node	-8139 Oct 30 j 15:38	4°♍00'57	
morning rise	-8139 Dec 03 j 00:23	29°♍59'12	
	-8139 Dec 03 j 00:47	0°♎	
	-8138 Jan 11 j 15:07	0°♏	
	-8138 Feb 22 j 02:07	0°♐	
	-8138 Apr 07 j 03:37	0°♑	
	-8138 May 24 j 22:58	0°♒	
	-8138 Jul 20 j 01:15	0°♓	
retrograde	-8138 Sep 16 j 08:07	15°♓48'14	
asc. node	-8138 Oct 08 j 23:47	12°♓25'33	
opposition	-8138 Oct 25 j 18:22	6°♓21'32	0°38'45
greatest brilliancy	-8138 Oct 25 j 18:55	6°♓20'59	-1.4m
min. Earth dist.	-8138 Oct 27 j 08:10	5°♓43'47	0.66447 AU
	-8138 Nov 12 j 03:32	30°℞♒	
direct	-8138 Dec 05 j 13:26	26°♒25'46	
	-8138 Dec 30 j 22:23	0°♓	
	-8137 Mar 08 j 20:23	0°♈	
	-8137 Apr 26 j 23:37	0°♉	
	-8137 Jun 09 j 18:44	0°♊	
	-8137 Jul 20 j 12:20	0°♋	
	-8137 Aug 28 j 11:25	0°♌	
desc. node	-8137 Sep 17 j 10:24	15°♌37'54	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

evening set	-8137 Oct 02 j 18:10	27°♌39'44	
	-8137 Oct 05 j 17:40	0°♍	
	-8137 Nov 13 j 06:25	0°♎	
conjunction	-8137 Dec 05 j 11:41	16°♎56'55	-0°52'33
minimum elong	-8137 Dec 05 j 08:32	16°♎50'59	0°52'36
	-8137 Dec 22 j 22:10	0°♏	
max. Earth dist.	-8136 Jan 20 j 12:58	20°♏52'38	2.45887 AU
	-8136 Feb 02 j 08:35	0°♐	
morning rise	-8136 Feb 05 j 11:28	2°♐11'58	
	-8136 Mar 16 j 23:46	0°♑	
	-8136 May 02 j 01:41	0°♒	
	-8136 Jun 20 j 03:46	0°♓	
	-8136 Aug 14 j 09:03	0°♈	
asc. node	-8136 Aug 26 j 00:55	5°♈25'16	
retrograde	-8136 Oct 23 j 06:23	20°♈54'04	
opposition	-8136 Nov 30 j 01:28	12°♈19'19	3°35'40
greatest brilliancy	-8136 Nov 30 j 15:21	12°♈05'54	-1.6m
min. Earth dist.	-8136 Dec 05 j 07:38	10°♈17'37	0.61401 AU
direct	-8135 Jan 09 j 21:07	2°♈25'32	
	-8135 Mar 30 j 01:49	0°♉	
	-8135 May 16 j 21:58	0°♊	
	-8135 Jun 28 j 00:46	0°♋	
desc. node	-8135 Aug 04 j 09:31	28°♋16'04	
	-8135 Aug 06 j 15:32	0°♌	
	-8135 Sep 14 j 08:23	0°♍	
	-8135 Oct 23 j 06:48	0°♎	
	-8135 Dec 02 j 08:13	0°♏	
evening set	-8135 Dec 05 j 01:04	1°♏58'52	
	-8134 Jan 13 j 03:11	0°♐	
conjunction	-8134 Jan 30 j 23:36	12°♐23'47	-1°10'00
minimum elong	-8134 Jan 31 j 00:29	12°♐25'18	1°10'29
	-8134 Feb 25 j 22:09	0°♑	
max. Earth dist.	-8134 Feb 28 j 17:19	1°♑52'19	2.57600 AU
morning rise	-8134 Mar 25 j 07:17	18°♑06'48	
	-8134 Apr 12 j 14:54	0°♒	
	-8134 May 29 j 23:08	0°♓	
asc. node	-8134 Jul 13 j 22:03	27°♓33'22	
	-8134 Jul 17 j 23:56	0°♈	
	-8134 Sep 08 j 08:41	0°♉	
	-8134 Nov 18 j 07:00	0°♊	
retrograde	-8134 Dec 09 j 18:57	2°♊37'08	
	-8134 Dec 30 j 04:25	30°℞♉	
opposition	-8133 Jan 13 j 15:18	25°♉29'27	5°55'28
greatest brilliancy	-8133 Jan 15 j 06:13	24°♉55'19	-2.1m
min. Earth dist.	-8133 Jan 21 j 20:12	22°♉37'36	0.50792 AU
direct	-8133 Feb 21 j 03:07	16°♉45'54	
	-8133 Apr 10 j 20:03	0°♊	
	-8133 May 31 j 22:30	0°♋	
desc. node	-8133 Jun 22 j 12:49	14°♋53'12	
	-8133 Jul 13 j 11:59	0°♌	
	-8133 Aug 22 j 20:32	0°♍	
	-8133 Oct 02 j 00:23	0°♎	
	-8133 Nov 12 j 02:18	0°♏	
	-8133 Dec 24 j 17:28	0°♐	
evening set	-8132 Jan 25 j 08:00	21°♐28'39	
	-8132 Feb 07 j 02:50	0°♑	
conjunction	-8132 Mar 16 j 05:15	24°♑57'07	-0°40'50
minimum elong	-8132 Mar 16 j 06:44	24°♑59'30	0°41'20
	-8132 Mar 24 j 00:40	0°♒	
max. Earth dist.	-8132 Mar 27 j 02:28	1°♒58'58	2.64810 AU
morning rise	-8132 May 03 j 10:29	25°♒53'05	
	-8132 May 09 j 21:36	0°♓	
asc. node	-8132 May 30 j 15:32	13°♓11'16	
	-8132 Jun 26 j 03:26	0°♈	
	-8132 Aug 12 j 12:53	0°♉	
	-8132 Sep 29 j 14:24	0°♊	
	-8132 Nov 19 j 10:19	0°♋	
	-8131 Jan 29 j 08:14	0°♌	
retrograde	-8131 Feb 15 j 02:34	1°♌41'02	
	-8131 Mar 03 j 18:09	30°℞♋	
opposition	-8131 Mar 18 j 00:55	26°♋27'18	3°51'05
greatest brilliancy	-8131 Mar 18 j 19:54	26°♋14'08	-2.8m
min. Earth dist.	-8131 Mar 22 j 10:48	25°♋14'09	0.39363 AU
direct	-8131 Apr 19 j 02:49	20°♋43'13	
desc. node	-8131 May 09 j 16:40	23°♋26'04	
	-8131 May 28 j 17:18	0°♌	
	-8131 Jul 22 j 00:11	0°♍	
	-8131 Sep 05 j 08:49	0°♎	
	-8131 Oct 19 j 12:01	0°♏	
	-8131 Dec 03 j 03:37	0°♐	
	-8130 Jan 17 j 20:42	0°♑	
	-8130 Mar 05 j 12:23	0°♒	
evening set	-8130 Mar 07 j 15:17	1°♒21'16	
asc. node	-8130 Apr 17 j 08:50	27°♒20'06	
max. Earth dist.	-8130 Apr 20 j 15:53	29°♒26'19	2.66707 AU
	-8130 Apr 21 j 12:59	0°♓	
conjunction	-8130 Apr 24 j 14:48	1°♓57'58	0°04'12
minimum elong	-8130 Apr 24 j 14:39	1°♓57'44	0°03'53
behind sun begin	-8130 Apr 23 j 19:37	1°♓27'19	
behind sun end	-8130 Apr 25 j 09:42	2°♓28'09	
	-8130 Jun 07 j 04:48	0°♈	
morning rise	-8130 Jun 09 j 18:59	1°♈40'49	
	-8130 Jul 22 j 22:46	0°♉	
	-8130 Sep 05 j 14:48	0°♊	
	-8130 Oct 19 j 09:20	0°♋	
	-8130 Dec 01 j 18:47	0°♌	
	-8129 Jan 14 j 23:17	0°♍	
	-8129 Mar 05 j 05:14	0°♎	
desc. node	-8129 Mar 27 j 20:08	10°♎34'38	
retrograde	-8129 May 01 j 06:30	17°♎57'45	
min. Earth dist.	-8129 May 28 j 03:42	13°♎17'56	0.41667 AU
greatest brilliancy	-8129 Jun 03 j 02:35	11°♎27'43	-2.6m
opposition	-8129 Jun 04 j 07:59	11°♎04'50	-4°32'37
direct	-8129 Jul 05 j 12:08	5°♎18'19	
	-8129 Sep 17 j 09:30	0°♏	
	-8129 Nov 08 j 20:13	0°♐	
	-8129 Dec 27 j 23:53	0°♑	
	-8128 Feb 14 j 08:57	0°♒	
asc. node	-8128 Mar 04 j 04:33	11°♒45'27	
	-8128 Apr 02 j 03:26	0°♓	
evening set	-8128 Apr 14 j 17:15	7°♓59'58	
max. Earth dist.	-8128 May 14 j 06:29	27°♓01'57	2.63223 AU
	-8128 May 18 j 19:48	0°♈	
conjunction	-8128 Jun 01 j 05:48	8°♈48'13	0°47'26
minimum elong	-8128 Jun 01 j 04:21	8°♈45'49	0°47'26
	-8128 Jul 02 j 22:32	0°♉	
morning rise	-8128 Jul 18 j 04:20	10°♉24'28	
	-8128 Aug 15 j 07:16	0°♊	
	-8128 Sep 26 j 01:43	0°♋	
	-8128 Nov 05 j 16:00	0°♌	
	-8128 Dec 15 j 17:30	0°♍	
	-8127 Jan 25 j 05:25	0°♎	
desc. node	-8127 Feb 11 j 21:33	12°♎42'53	
	-8127 Mar 08 j 21:50	0°♏	
	-8127 Apr 27 j 21:15	0°♐	
retrograde	-8127 Jun 21 j 02:21	16°♐06'42	
min. Earth dist.	-8127 Jul 22 j 13:09	9°♐25'31	0.53877 AU
greatest brilliancy	-8127 Jul 28 j 08:39	7°♐12'52	-1.9m
opposition	-8127 Jul 29 j 15:55	6°♐43'05	-5°34'39

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

	-8127 Aug 21 j 03:41	30°℞♏	
direct	-8127 Sep 02 j 20:43	28°♏54'35	
	-8127 Sep 16 j 05:50	0°♐	
	-8127 Nov 30 j 22:51	0°♑	
asc. node	-8126 Jan 20 j 04:46	28°♑11'00	
	-8126 Jan 23 j 07:05	0°♒	
	-8126 Mar 13 j 23:21	0°♓	
	-8126 Apr 30 j 07:17	0°♈	
evening set	-8126 May 25 j 02:14	16°♈19'15	
max. Earth dist.	-8126 Jun 12 j 14:45	28°♈49'05	2.54730 AU
	-8126 Jun 14 j 08:18	0°♉	
conjunction	-8126 Jul 13 j 20:20	20°♉30'59	1°11'49
minimum elong	-8126 Jul 13 j 19:52	20°♉30'09	1°12'11
	-8126 Jul 27 j 03:39	0°♊	
morning rise	-8126 Sep 03 j 16:27	28°♊14'42	
	-8126 Sep 06 j 00:46	0°♋	
	-8126 Oct 15 j 13:07	0°♌	
	-8126 Nov 23 j 10:02	0°♍	
desc. node	-8126 Dec 30 j 17:23	28°♍39'38	
	-8125 Jan 01 j 11:39	0°♎	
	-8125 Feb 10 j 18:02	0°♏	
	-8125 Mar 25 j 13:27	0°♐	
	-8125 May 12 j 18:24	0°♑	
retrograde	-8125 Jul 30 j 11:04	27°♑43'30	
min. Earth dist.	-8125 Sep 04 j 18:28	19°♑13'51	0.63206 AU
opposition	-8125 Sep 08 j 09:25	17°♑46'42	-3°21'25
greatest brilliancy	-8125 Sep 08 j 00:15	17°♑55'54	-1.5m
direct	-8125 Oct 16 j 19:17	8°♑41'49	
asc. node	-8125 Dec 08 j 08:52	21°♑40'52	
	-8125 Dec 26 j 20:24	0°♒	
	-8124 Feb 20 j 15:04	0°♓	
	-8124 Apr 09 j 20:20	0°♈	
	-8124 May 25 j 10:24	0°♉	
	-8124 Jul 07 j 04:08	0°♊	
evening set	-8124 Jul 09 j 17:47	1°♊51'33	
max. Earth dist.	-8124 Jul 28 j 06:14	15°♊26'39	2.42813 AU
	-8124 Aug 16 j 16:19	0°♋	
conjunction	-8124 Sep 03 j 18:00	13°♋47'21	0°50'06
minimum elong	-8124 Sep 03 j 20:44	13°♋52'36	0°50'37
	-8124 Sep 24 j 16:41	0°♌	
	-8124 Nov 02 j 01:21	0°♍	
morning rise	-8124 Nov 05 j 00:28	2°♍19'08	
desc. node	-8124 Nov 16 j 11:02	11°♍15'31	
	-8124 Dec 10 j 15:13	0°♎	
	-8123 Jan 19 j 07:09	0°♏	
	-8123 Mar 01 j 21:37	0°♐	
	-8123 Apr 15 j 09:49	0°♑	
	-8123 Jun 03 j 19:44	0°♒	
	-8123 Aug 11 j 14:26	0°♓	
retrograde	-8123 Sep 02 j 15:51	2°♓49'31	
	-8123 Sep 23 j 06:01	30°℞♒	
opposition	-8123 Oct 12 j 10:44	23°♒09'11	-0°30'16
greatest brilliancy	-8123 Oct 12 j 11:01	23°♒08'54	-1.4m
min. Earth dist.	-8123 Oct 12 j 13:26	23°♒06'28	0.66741 AU
asc. node	-8123 Oct 25 j 13:54	18°♒09'47	
direct	-8123 Nov 21 j 19:41	13°♒22'24	
	-8122 Jan 21 j 15:09	0°♓	
	-8122 Mar 18 j 19:31	0°♈	
	-8122 May 05 j 06:58	0°♉	
	-8122 Jun 17 j 14:07	0°♊	
	-8122 Jul 28 j 03:51	0°♋	
	-8122 Sep 05 j 01:29	0°♌	
evening set	-8122 Sep 06 j 13:59	1°♌11'17	
desc. node	-8122 Oct 04 j 05:42	22°♌53'38	
	-8122 Oct 13 j 06:44	0°♍	
conjunction	-8122 Nov 09 j 06:01	21°♍05'34	-0°26'35
minimum elong	-8122 Nov 09 j 03:40	21°♍01'00	0°26'24
	-8122 Nov 20 j 18:03	0°♎	
max. Earth dist.	-8122 Dec 22 j 23:57	24°♎31'53	2.40958 AU
	-8122 Dec 30 j 07:53	0°♏	
morning rise	-8121 Jan 13 j 09:41	10°♏22'22	
	-8121 Feb 09 j 16:59	0°♐	
	-8121 Mar 25 j 09:32	0°♑	
	-8121 May 10 j 21:13	0°♒	
	-8121 Jun 30 j 11:07	0°♓	
	-8121 Sep 02 j 02:09	0°♈	
asc. node	-8121 Sep 12 j 16:50	3°♈14'30	
retrograde	-8121 Oct 08 j 20:03	7°♈00'34	
	-8121 Nov 11 j 08:20	30°℞♓	
opposition	-8121 Nov 16 j 09:51	28°♓02'22	2°27'59
greatest brilliancy	-8121 Nov 16 j 16:26	27°♓55'54	-1.5m
min. Earth dist.	-8121 Nov 20 j 05:49	26°♓32'05	0.64093 AU
direct	-8121 Dec 27 j 10:23	18°♓02'46	
	-8120 Feb 14 j 08:00	0°♈	
	-8120 Apr 10 j 15:24	0°♉	
	-8120 May 26 j 03:45	0°♊	
	-8120 Jul 06 j 12:39	0°♋	
	-8120 Aug 14 j 18:58	0°♌	
desc. node	-8120 Aug 21 j 03:08	4°♌55'32	
	-8120 Sep 22 j 06:03	0°♍	
	-8120 Oct 30 j 23:10	0°♎	
evening set	-8120 Nov 11 j 08:07	8°♎40'38	
	-8120 Dec 09 j 19:11	0°♏	
conjunction	-8119 Jan 10 j 09:34	22°♏55'35	-1°10'58
minimum elong	-8119 Jan 10 j 08:54	22°♏54'24	1°11'22
	-8119 Jan 20 j 09:14	0°♐	
max. Earth dist.	-8119 Feb 15 j 18:41	18°♐18'44	2.53430 AU
	-8119 Mar 05 j 00:52	0°♑	
morning rise	-8119 Mar 07 j 18:08	1°♑49'18	
	-8119 Apr 19 j 18:40	0°♒	
	-8119 Jun 06 j 13:24	0°♓	
	-8119 Jul 27 j 00:36	0°♈	
asc. node	-8119 Jul 30 j 15:13	2°♈03'01	
	-8119 Sep 22 j 21:24	0°♉	
retrograde	-8119 Nov 19 j 11:42	15°♉13'24	
opposition	-8119 Dec 25 j 16:45	7°♉26'14	5°11'45
greatest brilliancy	-8119 Dec 26 j 22:02	6°♉59'13	-1.8m
min. Earth dist.	-8118 Jan 02 j 00:11	4°♉44'57	0.55484 AU
	-8118 Jan 17 j 12:34	30°℞♈	
direct	-8118 Feb 03 j 12:10	28°♈02'46	
	-8118 Feb 21 j 02:50	0°♉	
	-8118 Apr 28 j 12:26	0°♊	
	-8118 Jun 12 j 13:56	0°♋	
desc. node	-8118 Jul 09 j 04:13	19°♋21'07	
	-8118 Jul 23 j 09:44	0°♌	
	-8118 Aug 31 j 20:21	0°♍	
	-8118 Oct 10 j 08:39	0°♎	
	-8118 Nov 19 j 21:58	0°♏	
	-8117 Jan 01 j 03:02	0°♐	
evening set	-8117 Jan 06 j 19:38	3°♐56'50	
	-8117 Feb 14 j 04:54	0°♑	
conjunction	-8117 Feb 28 j 15:50	9°♑35'02	-0°55'18
minimum elong	-8117 Feb 28 j 17:32	9°♑37'50	0°55'49
max. Earth dist.	-8117 Mar 18 j 04:02	21°♑03'20	2.62605 AU
	-8117 Mar 31 j 23:03	0°♒	
morning rise	-8117 Apr 19 j 10:51	11°♒53'14	
	-8117 May 17 j 21:59	0°♓	
asc. node	-8117 Jun 17 j 09:49	19°♓12'54	
	-8117 Jul 04 j 15:29	0°♈	
	-8117 Aug 22 j 07:02	0°♉	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

	-8117 Oct 12 j 11:45	0°♊	
	-8117 Dec 15 j 17:52	0°♋	
retrograde	-8116 Jan 17 j 09:32	5°♋45'56	
opposition	-8116 Feb 18 j 16:07	29°♊51'43	5°44'06
	-8116 Feb 18 j 05:21	30°℞♊	
greatest brilliancy	-8116 Feb 20 j 06:59	29°♊21'38	-2.5m
min. Earth dist.	-8116 Feb 26 j 03:38	27°♊33'44	0.43145 AU
direct	-8116 Mar 24 j 15:50	22°♊50'47	
	-8116 Apr 27 j 15:48	0°♋	
desc. node	-8116 May 26 j 09:23	13°♋52'47	
	-8116 Jun 21 j 21:49	0°♌	
	-8116 Aug 04 j 22:12	0°♍	
	-8116 Sep 16 j 02:28	0°♎	
	-8116 Oct 28 j 12:59	0°♏	
	-8116 Dec 11 j 03:30	0°♐	
	-8115 Jan 25 j 04:44	0°♑	
evening set	-8115 Feb 19 j 21:06	16°♑43'31	
	-8115 Mar 12 j 11:27	0°♒	
conjunction	-8115 Apr 09 j 16:11	18°♒03'15	-0°13'54
minimum elong	-8115 Apr 09 j 16:44	18°♒04'08	0°14'18
behind sun begin	-8115 Apr 09 j 08:20	17°♒50'43	
behind sun end	-8115 Apr 10 j 01:08	18°♒17'33	
max. Earth dist.	-8115 Apr 11 j 05:58	19°♒03'37	2.66612 AU
	-8115 Apr 28 j 09:02	0°♓	
asc. node	-8115 May 04 j 02:09	3°♓39'02	
morning rise	-8115 May 26 j 07:49	17°♓52'55	
	-8115 Jun 14 j 04:18	0°♈	
	-8115 Jul 30 j 09:47	0°♉	
	-8115 Sep 14 j 00:02	0°♊	
	-8115 Oct 29 j 08:44	0°♋	
	-8115 Dec 14 j 13:18	0°♌	
	-8114 Feb 03 j 09:56	0°♍	
retrograde	-8114 Apr 04 j 09:18	18°♍46'53	
desc. node	-8114 Apr 13 j 13:44	18°♍13'41	
min. Earth dist.	-8114 May 02 j 11:41	14°♍10'56	0.38553 AU
opposition	-8114 May 06 j 04:12	13°♍09'34	-1°45'31
greatest brilliancy	-8114 May 05 j 20:46	13°♍14'43	-2.9m
direct	-8114 Jun 05 j 06:43	8°♍01'47	
	-8114 Aug 11 j 16:55	0°♎	
	-8114 Oct 02 j 02:36	0°♏	
	-8114 Nov 18 j 19:59	0°♐	
	-8113 Jan 05 j 03:45	0°♑	
	-8113 Feb 21 j 16:11	0°♒	
asc. node	-8113 Mar 21 j 20:07	17°♒47'35	
evening set	-8113 Mar 31 j 15:41	24°♒00'58	
	-8113 Apr 10 j 01:39	0°♓	
max. Earth dist.	-8113 May 05 j 13:33	16°♓19'09	2.65206 AU
conjunction	-8113 May 18 j 01:59	24°♓24'24	0°31'51
minimum elong	-8113 May 18 j 00:52	24°♓22'36	0°31'43
	-8113 May 26 j 16:28	0°♈	
morning rise	-8113 Jul 03 j 08:12	24°♈52'00	
	-8113 Jul 10 j 23:37	0°♉	
	-8113 Aug 23 j 17:50	0°♊	
	-8113 Oct 05 j 02:27	0°♋	
	-8113 Nov 15 j 10:41	0°♌	
	-8113 Dec 26 j 10:42	0°♍	
	-8112 Feb 06 j 07:58	0°♎	
desc. node	-8112 Feb 29 j 14:38	15°♎47'30	
	-8112 Mar 23 j 06:08	0°♏	
retrograde	-8112 Jun 03 j 00:50	26°♏17'41	
min. Earth dist.	-8112 Jul 02 j 08:50	20°♏27'52	0.49048 AU
greatest brilliancy	-8112 Jul 08 j 18:03	18°♏09'51	-2.2m
opposition	-8112 Jul 10 j 08:02	17°♏35'29	-5°52'40
direct	-8112 Aug 12 j 23:01	10°♏30'00	
	-8112 Oct 17 j 06:07	0°♐	
	-8112 Dec 11 j 22:31	0°♑	
	-8111 Jan 31 j 13:58	0°♒	
asc. node	-8111 Feb 05 j 19:11	3°♒09'54	
	-8111 Mar 21 j 07:17	0°♓	
	-8111 May 07 j 07:14	0°♈	
evening set	-8111 May 08 j 23:14	1°♈05'11	
max. Earth dist.	-8111 May 31 j 05:52	15°♈46'46	2.58606 AU
	-8111 Jun 21 j 08:00	0°♉	
conjunction	-8111 Jun 26 j 11:12	3°♉30'40	1°06'03
minimum elong	-8111 Jun 26 j 09:57	3°♉28'31	1°06'17
	-8111 Aug 03 j 07:30	0°♊	
morning rise	-8111 Aug 14 j 17:46	8°♊12'28	
	-8111 Sep 13 j 11:30	0°♋	
	-8111 Oct 23 j 07:47	0°♌	
	-8111 Dec 01 j 12:52	0°♍	
	-8110 Jan 09 j 23:15	0°♎	
desc. node	-8110 Jan 16 j 12:28	4°♎54'53	
	-8110 Feb 19 j 18:09	0°♏	
	-8110 Apr 04 j 18:49	0°♐	
	-8110 May 28 j 02:49	0°♑	
retrograde	-8110 Jul 16 j 00:12	12°♑54'25	
min. Earth dist.	-8110 Aug 19 j 14:02	5°♑02'22	0.60204 AU
opposition	-8110 Aug 24 j 15:40	3°♑01'51	-4°21'13
greatest brilliancy	-8110 Aug 23 j 22:44	3°♑18'38	-1.6m
	-8110 Sep 01 j 14:02	30°℞♐	
direct	-8110 Sep 30 j 23:19	24°♐21'45	
	-8110 Nov 02 j 09:23	0°♑	
asc. node	-8110 Dec 24 j 22:23	22°♑45'18	
	-8109 Jan 07 j 16:17	0°♒	
	-8109 Mar 01 j 01:26	0°♓	
	-8109 Apr 18 j 07:44	0°♈	
	-8109 Jun 02 j 15:03	0°♉	
evening set	-8109 Jun 21 j 11:16	13°♉01'22	
max. Earth dist.	-8109 Jul 06 j 23:30	23°♉59'16	2.47639 AU
	-8109 Jul 15 j 08:34	0°♊	
conjunction	-8109 Aug 13 j 11:02	21°♊21'26	1°06'07
minimum elong	-8109 Aug 13 j 12:43	21°♊24'34	1°06'37
	-8109 Aug 24 j 23:37	0°♋	
	-8109 Oct 03 j 03:49	0°♌	
morning rise	-8109 Oct 10 j 05:49	5°♌29'50	
	-8109 Nov 10 j 16:11	0°♍	
desc. node	-8109 Dec 04 j 07:10	18°♍22'20	
	-8109 Dec 19 j 09:10	0°♎	
	-8108 Jan 28 j 04:12	0°♏	
	-8108 Mar 10 j 00:49	0°♐	
	-8108 Apr 24 j 07:26	0°♑	
	-8108 Jun 15 j 20:22	0°♒	
retrograde	-8108 Aug 20 j 03:16	19°♒43'55	
min. Earth dist.	-8108 Sep 27 j 18:50	10°♒25'58	0.66096 AU
opposition	-8108 Sep 29 j 03:04	9°♒53'32	-1°38'13
greatest brilliancy	-8108 Sep 29 j 01:42	9°♒54'55	-1.4m
direct	-8108 Nov 07 j 21:14	0°♒19'43	
asc. node	-8108 Nov 11 j 03:15	0°♒23'37	
	-8107 Feb 03 j 10:45	0°♓	
	-8107 Mar 27 j 14:49	0°♈	
	-8107 May 13 j 02:47	0°♉	
	-8107 Jun 25 j 02:41	0°♊	
	-8107 Aug 04 j 14:49	0°♋	
evening set	-8107 Aug 12 j 23:56	6°♋22'58	
	-8107 Sep 12 j 12:40	0°♌	
conjunction	-8107 Oct 13 j 08:37	24°♌10'53	0°05'51
minimum elong	-8107 Oct 13 j 09:10	24°♌11'58	0°06'11
behind sun begin	-8107 Oct 12 j 07:33	23°♌21'40	
behind sun end	-8107 Oct 14 j 10:47	25°♌02'17	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

max. Earth dist.	-8107 Oct 18 j 08:44	28°♌06'48	2.37978 AU
	-8107 Oct 20 j 18:24	0°♍	
desc. node	-8107 Oct 21 j 00:10	0°♍11'18	
	-8107 Nov 28 j 05:48	0°♎	
morning rise	-8107 Dec 18 j 14:48	15°♎35'33	
	-8106 Jan 06 j 19:10	0°♏	
	-8106 Feb 17 j 04:24	0°♐	
	-8106 Apr 02 j 00:43	0°♑	
	-8106 May 19 j 04:25	0°♒	
	-8106 Jul 11 j 09:46	0°♓	
retrograde	-8106 Sep 24 j 08:12	23°♓42'31	
asc. node	-8106 Sep 29 j 07:07	23°♓32'59	
opposition	-8106 Nov 02 j 12:40	14°♓24'53	1°18'55
greatest brilliancy	-8106 Nov 02 j 14:37	14°♓22'57	-1.4m
min. Earth dist.	-8106 Nov 04 j 21:52	13°♓28'05	0.65886 AU
direct	-8106 Dec 13 j 11:45	4°♓26'07	
	-8105 Mar 01 j 11:52	0°♈	
	-8105 Apr 21 j 08:23	0°♉	
	-8105 Jun 04 j 15:46	0°♊	
	-8105 Jul 15 j 14:17	0°♋	
	-8105 Aug 23 j 15:22	0°♌	
desc. node	-8105 Sep 07 j 21:06	11°♌54'36	
	-8105 Sep 30 j 22:39	0°♍	
evening set	-8105 Oct 17 j 17:16	13°♍07'08	
	-8105 Nov 08 j 12:06	0°♎	
	-8105 Dec 18 j 04:16	0°♏	
conjunction	-8105 Dec 19 j 13:27	1°♏01'27	-1°02'27
minimum elong	-8105 Dec 19 j 10:57	0°♏56'50	1°02'39
	-8104 Jan 28 j 14:54	0°♐	
max. Earth dist.	-8104 Feb 01 j 00:20	2°♐23'30	2.48690 AU
morning rise	-8104 Feb 17 j 11:58	13°♐52'28	
	-8104 Mar 12 j 04:59	0°♑	
	-8104 Apr 27 j 02:21	0°♒	
	-8104 Jun 14 j 13:29	0°♓	
	-8104 Aug 06 j 09:50	0°♈	
asc. node	-8104 Aug 16 j 07:22	5°♈05'47	
retrograde	-8104 Nov 01 j 15:40	29°♈40'00	
opposition	-8104 Dec 08 j 23:11	21°♈20'27	4°12'46
greatest brilliancy	-8104 Dec 09 j 18:11	21°♈02'20	-1.6m
min. Earth dist.	-8104 Dec 14 j 23:59	19°♈02'44	0.59540 AU
direct	-8103 Jan 18 j 13:32	11°♈34'00	
	-8103 Mar 20 j 23:08	0°♉	
	-8103 May 10 j 13:02	0°♊	
	-8103 Jun 22 j 10:22	0°♋	
desc. node	-8103 Jul 25 j 22:07	25°♋03'40	
	-8103 Aug 01 j 09:18	0°♌	
	-8103 Sep 09 j 07:03	0°♍	
	-8103 Oct 18 j 09:03	0°♎	
	-8103 Nov 27 j 13:09	0°♏	
evening set	-8103 Dec 17 j 12:03	14°♏27'50	
	-8102 Jan 08 j 10:15	0°♐	
conjunction	-8102 Feb 10 j 20:56	23°♐00'27	-1°06'06
minimum elong	-8102 Feb 10 j 22:20	23°♐02'48	1°06'37
	-8102 Feb 21 j 06:18	0°♑	
max. Earth dist.	-8102 Mar 07 j 14:05	9°♑31'44	2.59588 AU
morning rise	-8102 Apr 03 j 18:51	27°♑19'05	
	-8102 Apr 07 j 22:25	0°♒	
	-8102 May 25 j 01:52	0°♓	
asc. node	-8102 Jul 04 j 02:40	24°♓51'14	
	-8102 Jul 12 j 12:39	0°♈	
	-8102 Sep 01 j 03:10	0°♉	
	-8102 Oct 29 j 06:15	0°♊	
retrograde	-8102 Dec 22 j 17:31	13°♊58'46	
opposition	-8101 Jan 25 j 15:54	7°♊16'20	6°06'35
greatest brilliancy	-8101 Jan 27 j 10:12	6°♊40'36	-2.2m
min. Earth dist.	-8101 Feb 03 j 00:06	4°♊27'58	0.48022 AU
	-8101 Feb 20 j 11:00	30°℞♉	
direct	-8101 Mar 04 j 03:09	29°♉03'43	
	-8101 Mar 15 j 21:59	0°♊	
	-8101 May 23 j 02:26	0°♋	
desc. node	-8101 Jun 13 j 00:55	13°♋35'59	
	-8101 Jul 06 j 15:32	0°♌	
	-8101 Aug 16 j 20:20	0°♍	
	-8101 Sep 26 j 12:43	0°♎	
	-8101 Nov 06 j 23:16	0°♏	
	-8101 Dec 19 j 20:42	0°♐	
	-8100 Feb 02 j 10:06	0°♑	
evening set	-8100 Feb 04 j 07:02	1°♑14'15	
	-8100 Mar 19 j 10:01	0°♒	
conjunction	-8100 Mar 25 j 07:46	3°♒48'15	-0°31'21
minimum elong	-8100 Mar 25 j 08:57	3°♒50'10	0°31'48
max. Earth dist.	-8100 Apr 01 j 19:01	8°♒36'11	2.65669 AU
	-8100 May 05 j 06:16	0°♓	
morning rise	-8100 May 11 j 20:57	4°♓12'52	
asc. node	-8100 May 20 j 19:55	9°♓55'26	
	-8100 Jun 21 j 07:29	0°♈	
	-8100 Aug 07 j 05:11	0°♉	
	-8100 Sep 23 j 04:18	0°♊	
	-8100 Nov 10 j 06:49	0°♋	
	-8099 Jan 02 j 13:08	0°♌	
retrograde	-8099 Mar 04 j 22:46	18°♌21'49	
opposition	-8099 Apr 04 j 12:40	13°♌16'07	2°00'53
greatest brilliancy	-8099 Apr 04 j 18:40	13°♌12'05	-2.9m
min. Earth dist.	-8099 Apr 06 j 06:09	12°♌48'18	0.38216 AU
desc. node	-8099 Apr 30 j 05:00	8°♌11'49	
direct	-8099 May 05 j 10:49	8°♌01'04	
	-8099 Jul 10 j 06:02	0°♍	
	-8099 Aug 28 j 15:01	0°♎	
	-8099 Oct 13 j 07:09	0°♏	
	-8099 Nov 27 j 17:57	0°♐	
	-8098 Jan 12 j 21:51	0°♑	
	-8098 Feb 28 j 19:37	0°♒	
evening set	-8098 Mar 16 j 11:30	9°♒57'53	
asc. node	-8098 Apr 07 j 13:31	24°♒01'10	
	-8098 Apr 16 j 22:36	0°♓	
max. Earth dist.	-8098 Apr 26 j 03:42	5°♓53'12	2.66392 AU
conjunction	-8098 May 03 j 04:08	10°♓23'00	0°14'36
minimum elong	-8098 May 03 j 03:35	10°♓22'08	0°14'21
behind sun begin	-8098 May 02 j 19:15	10°♓08'46	
behind sun end	-8098 May 03 j 11:55	10°♓35'29	
	-8098 Jun 02 j 13:44	0°♈	
morning rise	-8098 Jun 18 j 06:17	10°♈14'13	
	-8098 Jul 18 j 03:30	0°♉	
	-8098 Aug 31 j 10:51	0°♊	
	-8098 Oct 13 j 15:29	0°♋	
	-8098 Nov 25 j 03:08	0°♌	
	-8097 Jan 06 j 18:16	0°♍	
	-8097 Feb 20 j 17:22	0°♎	
desc. node	-8097 Mar 18 j 08:37	15°♎00'57	
	-8097 Apr 22 j 18:27	0°♏	
retrograde	-8097 May 14 j 10:36	3°♏08'28	
	-8097 Jun 04 j 16:12	30°℞♎	
min. Earth dist.	-8097 Jun 10 j 21:42	28°♎07'57	0.44109 AU
greatest brilliancy	-8097 Jun 17 j 06:57	26°♎01'43	-2.5m
opposition	-8097 Jun 18 j 19:24	25°♎31'23	-5°23'20
direct	-8097 Jul 20 j 19:49	19°♎16'20	
	-8097 Sep 03 j 20:43	0°♏	
	-8097 Nov 01 j 14:50	0°♐	
	-8097 Dec 22 j 08:17	0°♑	
	-8096 Feb 09 j 09:04	0°♒	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

asc. node	-8096 Feb 23 j 10:30	8°♒42'41	
	-8096 Mar 28 j 10:36	0°♓	
evening set	-8096 Apr 23 j 10:48	16°♓33'21	
	-8096 May 14 j 05:29	0°♈	
max. Earth dist.	-8096 May 20 j 06:14	3°♈56'38	2.61772 AU
conjunction	-8096 Jun 10 j 04:55	17°♈48'03	0°55'18
minimum elong	-8096 Jun 10 j 03:24	17°♈45'33	0°55'22
	-8096 Jun 28 j 07:35	0°♉	
morning rise	-8096 Jul 27 j 19:00	20°♉19'16	
	-8096 Aug 10 j 12:51	0°♊	
	-8096 Sep 21 j 01:50	0°♋	
	-8096 Oct 31 j 08:58	0°♌	
	-8096 Dec 10 j 01:51	0°♍	
	-8095 Jan 19 j 02:14	0°♎	
desc. node	-8095 Feb 02 j 07:05	10°♎25'18	
	-8095 Mar 01 j 19:53	0°♏	
	-8095 Apr 17 j 10:50	0°♐	
retrograde	-8095 Jun 30 j 13:01	26°♐38'12	
min. Earth dist.	-8095 Aug 02 j 03:41	19°♐30'21	0.56337 AU
opposition	-8095 Aug 08 j 14:21	17°♐00'30	-5°12'25
greatest brilliancy	-8095 Aug 07 j 12:16	17°♐25'48	-1.8m
direct	-8095 Sep 13 j 15:03	8°♐51'39	
	-8095 Nov 22 j 11:33	0°♑	
asc. node	-8094 Jan 10 j 12:24	26°♑02'03	
	-8094 Jan 17 j 11:24	0°♒	
	-8094 Mar 08 j 22:41	0°♓	
	-8094 Apr 25 j 14:03	0°♈	
evening set	-8094 Jun 03 j 16:13	25°♈52'40	
	-8094 Jun 09 j 17:39	0°♉	
max. Earth dist.	-8094 Jun 20 j 11:12	7°♉22'40	2.52332 AU
	-8094 Jul 22 j 12:37	0°♊	
conjunction	-8094 Jul 24 j 09:18	1°♊20'25	1°12'08
minimum elong	-8094 Jul 24 j 09:31	1°♊20'49	1°12'35
	-8094 Sep 01 j 07:41	0°♋	
morning rise	-8094 Sep 16 j 02:12	11°♋09'24	
	-8094 Oct 10 j 16:49	0°♌	
	-8094 Nov 18 j 09:59	0°♍	
desc. node	-8094 Dec 21 j 02:46	25°♍15'29	
	-8094 Dec 27 j 07:32	0°♎	
	-8093 Feb 05 j 08:06	0°♏	
	-8093 Mar 19 j 15:53	0°♐	
	-8093 May 05 j 08:24	0°♑	
	-8093 Jul 05 j 08:09	0°♒	
retrograde	-8093 Aug 07 j 11:39	6°♒13'39	
	-8093 Sep 07 j 02:31	30°℞♑	
min. Earth dist.	-8093 Sep 13 j 16:58	27°♑25'11	0.64509 AU
opposition	-8093 Sep 16 j 12:07	26°♑17'42	-2°44'24
greatest brilliancy	-8093 Sep 16 j 06:29	26°♑23'22	-1.5m
direct	-8093 Oct 25 j 11:00	17°♑01'08	
asc. node	-8093 Nov 28 j 16:37	23°♑09'07	
	-8093 Dec 17 j 02:09	0°♒	
	-8092 Feb 14 j 15:32	0°♓	
	-8092 Apr 04 j 17:44	0°♈	
	-8092 May 20 j 15:23	0°♉	
	-8092 Jul 02 j 11:41	0°♊	
evening set	-8092 Jul 21 j 11:13	13°♊52'11	
	-8092 Aug 12 j 00:19	0°♋	
max. Earth dist.	-8092 Aug 15 j 17:37	2°♋49'22	2.40405 AU
conjunction	-8092 Sep 17 j 09:03	27°♋57'35	0°36'25
minimum elong	-8092 Sep 17 j 11:40	28°♋02'41	0°36'54
	-8092 Sep 19 j 23:55	0°♌	
	-8092 Oct 28 j 07:12	0°♍	
desc. node	-8092 Nov 06 j 21:43	7°♍31'23	
morning rise	-8092 Nov 20 j 18:18	18°♍20'24	
	-8092 Dec 05 j 19:30	0°♎	
	-8091 Jan 14 j 09:19	0°♏	
	-8091 Feb 24 j 20:05	0°♐	
	-8091 Apr 09 j 23:41	0°♑	
	-8091 May 28 j 06:16	0°♒	
	-8091 Jul 26 j 05:40	0°♓	
retrograde	-8091 Sep 10 j 11:43	10°♓43'41	
asc. node	-8091 Oct 15 j 20:47	2°♓52'01	
opposition	-8091 Oct 20 j 02:57	1°♓10'27	0°09'50
greatest brilliancy	-8091 Oct 20 j 03:04	1°♓10'20	-1.4m
min. Earth dist.	-8091 Oct 21 j 01:20	0°♓48'02	0.66708 AU
	-8091 Oct 23 j 01:28	30°℞♒	
direct	-8091 Nov 29 j 18:36	21°♒18'02	
	-8090 Jan 10 j 07:37	0°♓	
	-8090 Mar 12 j 13:43	0°♈	
	-8090 Apr 30 j 00:10	0°♉	
	-8090 Jun 12 j 15:08	0°♊	
	-8090 Jul 23 j 08:05	0°♋	
	-8090 Aug 31 j 07:00	0°♌	
evening set	-8090 Sep 21 j 05:11	16°♌23'42	
desc. node	-8090 Sep 24 j 16:16	19°♌06'52	
	-8090 Oct 08 j 12:44	0°♍	
	-8090 Nov 16 j 00:23	0°♎	
conjunction	-8090 Nov 24 j 05:36	6°♎19'04	-0°42'29
minimum elong	-8090 Nov 24 j 02:26	6°♎12'59	0°42'26
	-8090 Dec 25 j 14:14	0°♏	
max. Earth dist.	-8089 Jan 10 j 01:47	11°♏24'17	2.43612 AU
morning rise	-8089 Jan 26 j 19:27	23°♏30'12	
	-8089 Feb 04 j 22:38	0°♐	
	-8089 Mar 20 j 12:44	0°♑	
	-8089 May 05 j 16:42	0°♒	
	-8089 Jun 24 j 05:52	0°♓	
	-8089 Aug 20 j 17:56	0°♈	
asc. node	-8089 Sep 02 j 22:42	5°♈28'33	
retrograde	-8089 Oct 17 j 12:14	15°♈18'24	
opposition	-8089 Nov 24 j 16:53	6°♈32'34	3°07'16
greatest brilliancy	-8089 Nov 25 j 03:18	6°♈22'26	-1.5m
min. Earth dist.	-8089 Nov 29 j 08:20	4°♈44'12	0.62731 AU
	-8089 Dec 12 j 21:40	30°℞♓	
direct	-8088 Jan 04 j 16:23	26°♓35'04	
	-8088 Jan 28 j 23:24	0°♈	
	-8088 Apr 03 j 16:55	0°♉	
	-8088 May 20 j 11:06	0°♊	
	-8088 Jul 01 j 06:30	0°♋	
	-8088 Aug 09 j 17:41	0°♌	
desc. node	-8088 Aug 11 j 14:29	1°♌26'36	
	-8088 Sep 17 j 07:38	0°♍	
	-8088 Oct 26 j 03:02	0°♎	
evening set	-8088 Nov 25 j 01:01	22°♎35'32	
	-8088 Dec 05 j 00:56	0°♏	
	-8087 Jan 15 j 16:24	0°♐	
conjunction	-8087 Jan 22 j 09:01	4°♐41'24	-1°11'22
minimum elong	-8087 Jan 22 j 09:19	4°♐41'55	1°11'50
max. Earth dist.	-8087 Feb 23 j 12:16	26°♐44'24	2.55818 AU
	-8087 Feb 28 j 08:32	0°♑	
morning rise	-8087 Mar 17 j 23:30	11°♑43'39	
	-8087 Apr 15 j 00:22	0°♒	
	-8087 Jun 01 j 11:33	0°♓	
asc. node	-8087 Jul 20 j 20:37	29°♓54'34	
	-8087 Jul 21 j 00:18	0°♈	
	-8087 Sep 13 j 02:17	0°♉	
retrograde	-8087 Nov 30 j 16:10	25°♉16'43	
opposition	-8086 Jan 05 j 03:54	17°♉50'24	5°38'56
greatest brilliancy	-8086 Jan 06 j 14:57	17°♉18'54	-1.9m
min. Earth dist.	-8086 Jan 13 j 00:56	15°♉01'01	0.52970 AU

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

direct	-8086 Feb 13 j 08:19	8°♉46'19	
	-8086 Apr 19 j 01:20	0°♊	
	-8086 Jun 05 j 18:35	0°♋	
desc. node	-8086 Jun 29 j 17:10	16°♋57'44	
	-8086 Jul 17 j 11:19	0°♌	
	-8086 Aug 26 j 08:40	0°♍	
	-8086 Oct 05 j 04:18	0°♎	
	-8086 Nov 14 j 23:06	0°♏	
	-8086 Dec 27 j 08:14	0°♐	
evening set	-8085 Jan 17 j 13:36	14°♐33'30	
	-8085 Feb 09 j 12:58	0°♑	
conjunction	-8085 Mar 10 j 06:28	18°♑55'16	-0°47'15
minimum elong	-8085 Mar 10 j 08:05	18°♑57'55	0°47'46
max. Earth dist.	-8085 Mar 24 j 02:52	27°♑55'03	2.63922 AU
	-8085 Mar 27 j 08:11	0°♒	
morning rise	-8085 Apr 28 j 03:17	20°♒23'56	
	-8085 May 13 j 05:14	0°♓	
asc. node	-8085 Jun 07 j 14:20	16°♓04'56	
	-8085 Jun 29 j 15:33	0°♈	
	-8085 Aug 16 j 12:30	0°♉	
	-8085 Oct 04 j 16:25	0°♊	
	-8085 Nov 27 j 20:28	0°♋	
retrograde	-8084 Feb 02 j 16:08	20°♋17'19	
opposition	-8084 Mar 05 j 03:57	14°♋47'57	4°52'57
greatest brilliancy	-8084 Mar 06 j 09:18	14°♋26'37	-2.7m
min. Earth dist.	-8084 Mar 11 j 06:31	13°♋02'07	0.40839 AU
direct	-8084 Apr 07 j 11:46	8°♋31'21	
desc. node	-8084 May 16 j 21:05	17°♋48'07	
	-8084 Jun 10 j 06:52	0°♌	
	-8084 Jul 28 j 01:43	0°♍	
	-8084 Sep 09 j 16:42	0°♎	
	-8084 Oct 22 j 22:35	0°♏	
	-8084 Dec 06 j 00:52	0°♐	
	-8083 Jan 20 j 09:28	0°♑	
evening set	-8083 Feb 28 j 23:40	25°♑36'04	
	-8083 Mar 07 j 20:20	0°♒	
max. Earth dist.	-8083 Apr 16 j 17:39	25°♒29'13	2.66770 AU
conjunction	-8083 Apr 18 j 06:44	26°♒28'25	-0°03'30
minimum elong	-8083 Apr 18 j 06:51	26°♒28'36	0°03'50
behind sun begin	-8083 Apr 17 j 11:43	25°♒58'05	
behind sun end	-8083 Apr 19 j 01:59	26°♒59'08	
	-8083 Apr 23 j 19:14	0°♓	
asc. node	-8083 Apr 24 j 07:16	0°♓19'14	
morning rise	-8083 Jun 03 j 14:52	26°♓10'56	
	-8083 Jun 09 j 12:44	0°♈	
	-8083 Jul 25 j 11:54	0°♉	
	-8083 Sep 08 j 13:19	0°♊	
	-8083 Oct 22 j 22:57	0°♋	
	-8083 Dec 06 j 08:08	0°♌	
	-8082 Jan 21 j 10:41	0°♍	
	-8082 Mar 20 j 01:55	0°♎	
desc. node	-8082 Apr 04 j 00:15	4°♎18'32	
retrograde	-8082 Apr 20 j 04:58	6°♎02'40	
min. Earth dist.	-8082 May 17 j 04:13	1°♎31'14	0.40002 AU
greatest brilliancy	-8082 May 22 j 07:09	0°♎01'22	-2.8m
	-8082 May 22 j 09:01	30°℞♍	
opposition	-8082 May 23 j 03:39	29°♍46'17	-3°32'49
direct	-8082 Jun 22 j 17:04	24°♍20'37	
	-8082 Jul 23 j 20:32	0°♎	
	-8082 Sep 23 j 17:20	0°♏	
	-8082 Nov 12 j 15:19	0°♐	
	-8082 Dec 30 j 21:10	0°♑	
	-8081 Feb 16 j 20:18	0°♒	
asc. node	-8081 Mar 12 j 02:27	14°♒36'37	
	-8081 Apr 05 j 10:39	0°♓	
evening set	-8081 Apr 09 j 07:14	2°♓27'05	
max. Earth dist.	-8081 May 11 j 06:27	22°♓57'05	2.64216 AU
	-8081 May 22 j 02:53	0°♈	
conjunction	-8081 May 26 j 17:20	3°♈00'21	0°41'07
minimum elong	-8081 May 26 j 16:00	2°♈58'10	0°41'04
	-8081 Jul 06 j 08:19	0°♉	
morning rise	-8081 Jul 12 j 06:46	4°♉01'12	
	-8081 Aug 18 j 21:57	0°♊	
	-8081 Sep 29 j 23:02	0°♋	
	-8081 Nov 09 j 21:05	0°♌	
	-8081 Dec 20 j 07:13	0°♍	
	-8080 Jan 30 j 06:37	0°♎	
desc. node	-8080 Feb 20 j 02:32	14°♎42'15	
	-8080 Mar 13 j 21:37	0°♏	
	-8080 May 07 j 14:54	0°♐	
retrograde	-8080 Jun 13 j 14:47	8°♐21'00	
min. Earth dist.	-8080 Jul 14 j 02:24	2°♐03'05	0.51759 AU
	-8080 Jul 19 j 14:48	30°℞♏	
greatest brilliancy	-8080 Jul 20 j 05:52	29°♏45'52	-2.0m
opposition	-8080 Jul 21 j 16:44	29°♏13'20	-5°46'45
direct	-8080 Aug 25 j 05:23	21°♏43'08	
	-8080 Oct 03 j 19:17	0°♐	
	-8080 Dec 05 j 03:17	0°♑	
	-8079 Jan 26 j 04:24	0°♒	
asc. node	-8079 Jan 27 j 01:50	0°♒31'56	
	-8079 Mar 16 j 10:32	0°♓	
	-8079 May 02 j 15:44	0°♈	
evening set	-8079 May 18 j 02:37	10°♈07'14	
max. Earth dist.	-8079 Jun 07 j 03:57	23°♈30'26	2.56549 AU
	-8079 Jun 16 j 17:41	0°♉	
conjunction	-8079 Jul 06 j 05:09	13°♉26'01	1°10'04
minimum elong	-8079 Jul 06 j 04:16	13°♉24'29	1°10'23
	-8079 Jul 29 j 15:54	0°♊	
morning rise	-8079 Aug 25 j 18:37	19°♊41'05	
	-8079 Sep 08 j 16:52	0°♋	
	-8079 Oct 18 j 09:14	0°♌	
	-8079 Nov 26 j 09:36	0°♍	
	-8078 Jan 04 j 14:23	0°♎	
desc. node	-8078 Jan 06 j 23:15	1°♎47'34	
	-8078 Feb 14 j 00:26	0°♏	
	-8078 Mar 29 j 04:07	0°♐	
	-8078 May 17 j 18:07	0°♑	
retrograde	-8078 Jul 24 j 10:15	21°♑58'35	
min. Earth dist.	-8078 Aug 28 j 23:48	13°♑45'00	0.61967 AU
opposition	-8078 Sep 02 j 06:14	12°♑02'49	-3°47'24
greatest brilliancy	-8078 Sep 01 j 17:56	12°♑15'06	-1.6m
direct	-8078 Oct 10 j 05:07	3°♑08'13	
asc. node	-8078 Dec 15 j 05:21	22°♑07'00	
	-8078 Dec 31 j 09:13	0°♒	
	-8077 Feb 23 j 13:42	0°♓	
	-8077 Apr 13 j 09:52	0°♈	
	-8077 May 28 j 22:17	0°♉	
evening set	-8077 Jul 02 j 05:08	23°♉54'08	
	-8077 Jul 10 j 17:05	0°♊	
max. Earth dist.	-8077 Jul 18 j 12:03	5°♊38'52	2.44950 AU
	-8077 Aug 20 j 07:24	0°♋	
conjunction	-8077 Aug 25 j 18:42	4°♋08'29	0°58'18
minimum elong	-8077 Aug 25 j 21:06	4°♋13'03	0°58'48
	-8077 Sep 28 j 09:58	0°♌	
morning rise	-8077 Oct 25 j 01:54	20°♌48'00	
	-8077 Nov 05 j 20:11	0°♍	
desc. node	-8077 Nov 24 j 16:39	14°♍42'21	
	-8077 Dec 14 j 10:56	0°♎	
	-8076 Jan 23 j 03:13	0°♏	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

	-8076 Mar 04 j 18:27	0°♐	
	-8076 Apr 18 j 11:26	0°♑	
	-8076 Jun 07 j 18:56	0°♒	
retrograde	-8076 Aug 27 j 22:10	27°♒44'12	
opposition	-8076 Oct 06 j 20:06	17°♒59'04	-0°58'47
min. Earth dist.	-8076 Oct 06 j 07:30	18°♒11'44	0.66570 AU
greatest brilliancy	-8076 Oct 06 j 20:00	17°♒59'10	-1.4m
asc. node	-8076 Nov 01 j 10:11	9°♒39'45	
direct	-8076 Nov 15 j 23:19	8°♒17'30	
	-8075 Jan 26 j 16:13	0°♓	
	-8075 Mar 21 j 23:24	0°♈	
	-8075 May 08 j 01:50	0°♉	
	-8075 Jun 20 j 07:10	0°♊	
	-8075 Jul 30 j 21:14	0°♋	
evening set	-8075 Aug 26 j 15:11	20°♋31'15	
	-8075 Sep 07 j 19:30	0°♌	
desc. node	-8075 Oct 11 j 11:08	26°♌24'30	
	-8075 Oct 16 j 00:47	0°♍	
conjunction	-8075 Oct 28 j 12:03	9°♍46'55	-0°12'52
minimum elong	-8075 Oct 28 j 10:51	9°♍44'34	0°12'37
behind sun begin	-8075 Oct 27 j 17:04	9°♍09'46	
behind sun end	-8075 Oct 29 j 04:38	10°♍19'22	
	-8075 Nov 23 j 11:31	0°♎	
max. Earth dist.	-8075 Dec 02 j 20:28	7°♎12'39	2.39117 AU
morning rise	-8074 Jan 02 j 12:15	0°♏22'36	
	-8074 Jan 02 j 00:06	0°♏	
	-8074 Feb 12 j 07:41	0°♐	
	-8074 Mar 28 j 00:05	0°♑	
	-8074 May 13 j 15:47	0°♒	
	-8074 Jul 04 j 01:00	0°♓	
	-8074 Sep 15 j 06:59	0°♈	
asc. node	-8074 Sep 19 j 13:51	0°♈44'00	
retrograde	-8074 Oct 02 j 13:34	1°♈44'30	
	-8074 Oct 18 j 22:08	30°℞♓	
opposition	-8074 Nov 10 j 10:59	22°♓37'14	1°59'03
greatest brilliancy	-8074 Nov 10 j 15:14	22°♓33'02	-1.4m
min. Earth dist.	-8074 Nov 13 j 15:54	21°♓21'19	0.65014 AU
direct	-8074 Dec 21 j 12:08	12°♓37'12	
	-8073 Feb 20 j 17:35	0°♈	
	-8073 Apr 15 j 07:20	0°♉	
	-8073 May 30 j 07:43	0°♊	
	-8073 Jul 10 j 12:57	0°♋	
	-8073 Aug 18 j 17:29	0°♌	
desc. node	-8073 Aug 29 j 08:18	8°♌16'23	
	-8073 Sep 26 j 02:44	0°♍	
evening set	-8073 Nov 01 j 09:05	28°♍11'20	
	-8073 Nov 03 j 17:36	0°♎	
	-8073 Dec 13 j 10:53	0°♏	
conjunction	-8072 Jan 01 j 19:14	14°♏10'42	-1°08'35
minimum elong	-8072 Jan 01 j 17:46	14°♏08'02	1°08'54
	-8072 Jan 23 j 21:56	0°♐	
max. Earth dist.	-8072 Feb 10 j 11:48	12°♐17'07	2.51365 AU
morning rise	-8072 Feb 28 j 17:14	24°♐45'56	
	-8072 Mar 07 j 11:28	0°♑	
	-8072 Apr 22 j 05:10	0°♒	
	-8072 Jun 09 j 04:56	0°♓	
	-8072 Jul 30 j 11:08	0°♈	
asc. node	-8072 Aug 06 j 13:17	3°♈54'01	
	-8072 Sep 30 j 16:39	0°♉	
retrograde	-8072 Nov 11 j 14:01	8°♉48'25	
opposition	-8072 Dec 18 j 07:47	0°♉46'02	4°47'33
greatest brilliancy	-8072 Dec 19 j 08:33	0°♉22'51	-1.7m
	-8072 Dec 20 j 08:52	30°℞♈	
min. Earth dist.	-8072 Dec 25 j 02:34	28°♈13'51	0.57391 AU
direct	-8071 Jan 27 j 13:29	21°♈10'26	
	-8071 Mar 08 j 08:30	0°♉	
	-8071 May 03 j 10:57	0°♊	
	-8071 Jun 16 j 10:56	0°♋	
desc. node	-8071 Jul 16 j 08:34	22°♋02'59	
	-8071 Jul 26 j 21:10	0°♌	
	-8071 Sep 04 j 01:27	0°♍	
	-8071 Oct 13 j 08:18	0°♎	
	-8071 Nov 22 j 16:26	0°♏	
evening set	-8071 Dec 29 j 07:30	26°♏14'00	
	-8070 Jan 03 j 16:34	0°♐	
	-8070 Feb 16 j 14:39	0°♑	
conjunction	-8070 Feb 21 j 05:05	3°♑04'20	-1°00'23
minimum elong	-8070 Feb 21 j 06:44	3°♑07'05	1°00'55
max. Earth dist.	-8070 Mar 13 j 22:24	16°♑45'37	2.61358 AU
	-8070 Apr 03 j 06:43	0°♒	
morning rise	-8070 Apr 12 j 21:09	6°♒11'12	
	-8070 May 20 j 06:46	0°♓	
asc. node	-8070 Jun 24 j 08:16	21°♓58'38	
	-8070 Jul 07 j 06:44	0°♈	
	-8070 Aug 25 j 15:20	0°♉	
	-8070 Oct 17 j 23:04	0°♊	
retrograde	-8069 Jan 05 j 17:05	26°♊15'27	
opposition	-8069 Feb 07 j 17:23	19°♊59'21	6°01'49
greatest brilliancy	-8069 Feb 09 j 11:37	19°♊25'12	-2.4m
min. Earth dist.	-8069 Feb 15 j 19:15	17°♊23'34	0.45267 AU
direct	-8069 Mar 15 j 21:34	12°♊23'58	
	-8069 May 11 j 11:12	0°♋	
desc. node	-8069 Jun 03 j 13:03	13°♋24'30	
	-8069 Jun 28 j 21:11	0°♌	
	-8069 Aug 10 j 09:03	0°♍	
	-8069 Sep 20 j 18:15	0°♎	
	-8069 Nov 01 j 16:10	0°♏	
	-8069 Dec 14 j 21:22	0°♐	
	-8068 Jan 28 j 16:12	0°♑	
evening set	-8068 Feb 13 j 22:34	10°♑39'52	
	-8068 Mar 14 j 19:02	0°♒	
conjunction	-8068 Apr 03 j 05:15	12°♒28'04	-0°21'20
minimum elong	-8068 Apr 03 j 06:05	12°♒29'24	0°21'45
max. Earth dist.	-8068 Apr 07 j 07:53	15°♒05'54	2.66301 AU
	-8068 Apr 30 j 15:39	0°♓	
asc. node	-8068 May 11 j 00:40	6°♓37'29	
morning rise	-8068 May 20 j 04:55	12°♓29'09	
	-8068 Jun 16 j 13:28	0°♈	
	-8068 Aug 02 j 01:43	0°♉	
	-8068 Sep 17 j 05:16	0°♊	
	-8068 Nov 02 j 14:09	0°♋	
	-8068 Dec 20 j 21:29	0°♌	
	-8067 Feb 19 j 03:50	0°♍	
retrograde	-8067 Mar 22 j 08:25	5°♍46'53	
desc. node	-8067 Apr 20 j 18:01	0°♍57'54	
min. Earth dist.	-8067 Apr 21 j 01:10	0°♍53'05	0.38008 AU
opposition	-8067 Apr 22 j 09:45	0°♍31'06	-0°07'56
greatest brilliancy	-8067 Apr 22 j 09:31	0°♍31'15	-3.0m
	-8067 Apr 24 j 07:59	30°℞♌	
direct	-8067 May 22 j 14:55	25°♌27'19	
	-8067 Jun 18 j 22:59	0°♍	
	-8067 Aug 19 j 10:20	0°♎	
	-8067 Oct 06 j 14:10	0°♏	
	-8067 Nov 22 j 03:03	0°♐	
	-8066 Jan 07 j 20:45	0°♑	
	-8066 Feb 24 j 01:50	0°♒	
evening set	-8066 Mar 25 j 05:38	18°♒28'56	
asc. node	-8066 Mar 28 j 18:17	20°♒43'15	
	-8066 Apr 12 j 08:20	0°♓	
max. Earth dist.	-8066 May 01 j 16:19	12°♓21'35	2.65850 AU

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

conjunction	-8066 May 11 j 17:21	18°♓49'12	0°24'44
minimum elong	-8066 May 11 j 16:28	18°♓47'47	0°24'34
	-8066 May 28 j 23:46	0°♈	
morning rise	-8066 Jun 26 j 20:06	18°♈56'14	
	-8066 Jul 13 j 10:20	0°♉	
	-8066 Aug 26 j 10:50	0°♊	
	-8066 Oct 08 j 04:08	0°♋	
	-8066 Nov 18 j 23:38	0°♌	
	-8066 Dec 30 j 13:54	0°♍	
	-8065 Feb 11 j 10:42	0°♎	
desc. node	-8065 Mar 08 j 19:46	16°♎28'18	
	-8065 Apr 01 j 07:24	0°♏	
retrograde	-8065 May 26 j 11:39	17°♏06'50	
min. Earth dist.	-8065 Jun 23 j 22:06	11°♏40'23	0.46805 AU
greatest brilliancy	-8065 Jun 30 j 10:01	9°♏24'48	-2.3m
opposition	-8065 Jul 02 j 00:53	8°♏50'46	-5°47'59
direct	-8065 Aug 03 j 21:54	2°♏07'16	
	-8065 Oct 24 j 07:13	0°♐	
	-8065 Dec 16 j 09:30	0°♑	
	-8064 Feb 04 j 06:23	0°♒	
asc. node	-8064 Feb 13 j 16:40	5°♒46'31	
	-8064 Mar 23 j 16:44	0°♓	
evening set	-8064 May 02 j 07:14	25°♓14'23	
	-8064 May 09 j 15:14	0°♈	
max. Earth dist.	-8064 May 26 j 13:03	11°♈05'53	2.60124 AU
conjunction	-8064 Jun 19 j 09:24	27°♈03'22	1°01'59
minimum elong	-8064 Jun 19 j 08:00	27°♈00'59	1°02'10
	-8064 Jun 23 j 17:30	0°♉	
	-8064 Aug 05 j 20:37	0°♊	
morning rise	-8064 Aug 06 j 19:13	0°♊40'13	
	-8064 Sep 16 j 05:11	0°♋	
	-8064 Oct 26 j 06:36	0°♌	
	-8064 Dec 04 j 16:30	0°♍	
	-8063 Jan 13 j 07:47	0°♎	
desc. node	-8063 Jan 23 j 18:06	7°♎45'39	
	-8063 Feb 23 j 09:52	0°♏	
	-8063 Apr 09 j 04:25	0°♐	
	-8063 Jun 06 j 09:56	0°♑	
retrograde	-8063 Jul 09 j 13:47	6°♑33'49	
	-8063 Aug 09 j 17:19	30°℞♐	
min. Earth dist.	-8063 Aug 12 j 07:04	29°♐00'44	0.58572 AU
opposition	-8063 Aug 17 j 23:48	26°♐46'27	-4°44'29
greatest brilliancy	-8063 Aug 17 j 03:01	27°♐06'54	-1.7m
direct	-8063 Sep 23 j 18:28	18°♐19'18	
	-8063 Nov 11 j 16:58	0°♑	
asc. node	-8063 Dec 31 j 19:14	24°♑16'26	
	-8062 Jan 11 j 06:07	0°♒	
	-8062 Mar 03 j 18:31	0°♓	
	-8062 Apr 20 j 19:11	0°♈	
	-8062 Jun 05 j 01:59	0°♉	
evening set	-8062 Jun 13 j 16:15	5°♉53'30	
max. Earth dist.	-8062 Jun 29 j 10:03	16°♉51'21	2.49790 AU
	-8062 Jul 17 j 21:25	0°♊	
conjunction	-8062 Aug 04 j 13:05	12°♊50'12	1°09'49
minimum elong	-8062 Aug 04 j 14:06	12°♊52'05	1°10'19
	-8062 Aug 27 j 15:07	0°♋	
morning rise	-8062 Sep 29 j 09:07	24°♋57'10	
	-8062 Oct 05 j 22:07	0°♌	
	-8062 Nov 13 j 12:36	0°♍	
desc. node	-8062 Dec 11 j 13:16	21°♍44'30	
	-8062 Dec 22 j 06:57	0°♎	
	-8061 Jan 31 j 03:14	0°♏	
	-8061 Mar 14 j 02:17	0°♐	
	-8061 Apr 28 j 18:33	0°♑	
	-8061 Jun 22 j 10:18	0°♒	
retrograde	-8061 Aug 15 j 09:13	14°♒29'00	
min. Earth dist.	-8061 Sep 22 j 10:23	5°♒23'29	0.65498 AU
opposition	-8061 Sep 24 j 09:55	4°♒35'39	-2°06'15
greatest brilliancy	-8061 Sep 24 j 07:01	4°♒38'35	-1.4m
	-8061 Oct 06 j 11:21	30°℞♑	
direct	-8061 Nov 02 j 20:04	25°♑08'52	
asc. node	-8061 Nov 19 j 00:01	26°♑40'10	
	-8061 Dec 02 j 22:29	0°♒	
	-8060 Feb 08 j 05:15	0°♓	
	-8060 Mar 30 j 11:27	0°♈	
	-8060 May 15 j 18:15	0°♉	
	-8060 Jun 27 j 17:50	0°♊	
evening set	-8060 Aug 02 j 23:08	26°♊43'43	
	-8060 Aug 07 j 07:02	0°♋	
max. Earth dist.	-8060 Sep 12 j 08:11	27°♋43'32	2.38523 AU
	-8060 Sep 15 j 06:15	0°♌	
conjunction	-8060 Oct 01 j 20:06	12°♌58'16	0°19'47
minimum elong	-8060 Oct 01 j 21:50	13°♌01'40	0°20'12
	-8060 Oct 23 j 12:42	0°♍	
desc. node	-8060 Oct 28 j 06:22	3°♍42'59	
	-8060 Nov 30 j 23:59	0°♎	
morning rise	-8060 Dec 06 j 15:08	4°♎20'15	
	-8059 Jan 09 j 12:40	0°♏	
	-8059 Feb 19 j 21:03	0°♐	
	-8059 Apr 04 j 18:24	0°♑	
	-8059 May 22 j 05:35	0°♒	
	-8059 Jul 16 j 01:41	0°♓	
retrograde	-8059 Sep 18 j 09:16	18°♓36'06	
asc. node	-8059 Oct 06 j 04:16	16°♓31'26	
opposition	-8059 Oct 27 j 19:30	9°♓11'07	0°49'53
greatest brilliancy	-8059 Oct 27 j 20:18	9°♓10'19	-1.4m
min. Earth dist.	-8059 Oct 29 j 13:27	8°♓29'18	0.66379 AU
	-8059 Nov 26 j 19:57	30°℞♒	
direct	-8059 Dec 07 j 16:20	29°♒14'28	
	-8059 Dec 18 j 22:04	0°♓	
	-8058 Mar 05 j 18:17	0°♈	
	-8058 Apr 24 j 12:40	0°♉	
	-8058 Jun 07 j 14:00	0°♊	
	-8058 Jul 18 j 10:49	0°♋	
	-8058 Aug 26 j 11:21	0°♌	
desc. node	-8058 Sep 15 j 02:26	15°♌21'57	
	-8058 Oct 03 j 17:45	0°♍	
evening set	-8058 Oct 06 j 04:35	1°♍55'26	
	-8058 Nov 11 j 05:40	0°♎	
conjunction	-8058 Dec 08 j 20:23	21°♎02'43	-0°55'14
minimum elong	-8058 Dec 08 j 17:19	20°♎56'56	0°55'21
	-8058 Dec 20 j 19:49	0°♏	
max. Earth dist.	-8057 Jan 23 j 17:17	24°♏42'06	2.46438 AU
	-8057 Jan 31 j 04:07	0°♐	
morning rise	-8057 Feb 08 j 11:24	5°♐50'51	
	-8057 Mar 15 j 16:44	0°♑	
	-8057 Apr 30 j 15:07	0°♒	
	-8057 Jun 18 j 10:30	0°♓	
	-8057 Aug 11 j 17:01	0°♈	
asc. node	-8057 Aug 24 j 05:28	6°♈02'18	
retrograde	-8057 Oct 26 j 13:19	23°♈50'22	
opposition	-8057 Dec 03 j 07:16	15°♈18'30	3°45'20
greatest brilliancy	-8057 Dec 03 j 22:17	15°♈04'03	-1.6m
min. Earth dist.	-8057 Dec 08 j 17:45	13°♈13'04	0.61090 AU
direct	-8056 Jan 13 j 03:23	5°♈25'46	
	-8056 Mar 26 j 17:30	0°♉	
	-8056 May 14 j 10:03	0°♊	
	-8056 Jun 25 j 19:51	0°♋	
desc. node	-8056 Aug 02 j 02:53	28°♋06'59	
	-8056 Aug 04 j 13:45	0°♌	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

	-8056 Sep 12 j 07:40	0°♍	
	-8056 Oct 21 j 05:47	0°♎	
	-8056 Nov 30 j 05:57	0°♏	
evening set	-8056 Dec 08 j 01:46	5°♏43'59	
	-8055 Jan 10 j 23:02	0°♐	
conjunction	-8055 Feb 02 j 17:43	15°♐48'26	-1°09'06
minimum elong	-8055 Feb 02 j 18:44	15°♐50'11	1°09'37
	-8055 Feb 23 j 15:57	0°♑	
max. Earth dist.	-8055 Mar 02 j 17:55	4°♑44'13	2.57991 AU
morning rise	-8055 Mar 27 j 18:39	21°♑14'22	
	-8055 Apr 10 j 06:36	0°♒	
	-8055 May 27 j 12:18	0°♓	
asc. node	-8055 Jul 11 j 01:25	27°♓25'00	
	-8055 Jul 15 j 08:16	0°♈	
	-8055 Sep 05 j 02:46	0°♉	
	-8055 Nov 09 j 01:28	0°♊	
retrograde	-8055 Dec 12 j 18:51	6°♊00'09	
	-8054 Jan 13 j 08:58	30°℞♉	
opposition	-8054 Jan 16 j 10:13	28°♉57'12	5°58'18
greatest brilliancy	-8054 Jan 18 j 02:05	28°♉22'26	-2.1m
min. Earth dist.	-8054 Jan 24 j 15:46	26°♉05'32	0.50276 AU
direct	-8054 Feb 23 j 18:04	20°♉18'39	
	-8054 Apr 05 j 12:06	0°♊	
	-8054 May 29 j 00:22	0°♋	
desc. node	-8054 Jun 20 j 05:19	15°♋06'05	
	-8054 Jul 11 j 01:25	0°♌	
	-8054 Aug 20 j 14:20	0°♍	
	-8054 Sep 29 j 19:46	0°♎	
	-8054 Nov 09 j 21:47	0°♏	
	-8054 Dec 22 j 12:08	0°♐	
evening set	-8053 Jan 27 j 20:40	24°♐40'50	
	-8053 Feb 04 j 20:21	0°♑	
conjunction	-8053 Mar 19 j 14:01	27°♑58'43	-0°38'17
minimum elong	-8053 Mar 19 j 15:25	28°♑01'00	0°38'46
	-8053 Mar 22 j 17:05	0°♒	
max. Earth dist.	-8053 Mar 29 j 21:56	4°♒38'34	2.64984 AU
morning rise	-8053 May 06 j 16:01	28°♒48'06	
	-8053 May 08 j 13:10	0°♓	
asc. node	-8053 May 28 j 18:32	12°♓51'55	
	-8053 Jun 24 j 17:55	0°♈	
	-8053 Aug 11 j 00:53	0°♉	
	-8053 Sep 27 j 19:53	0°♊	
	-8053 Nov 16 j 20:34	0°♋	
	-8052 Jan 18 j 03:31	0°♌	
retrograde	-8052 Feb 20 j 02:42	6°♌02'14	
opposition	-8052 Mar 21 j 20:44	0°♌51'22	3°27'57
greatest brilliancy	-8052 Mar 22 j 12:56	0°♌40'15	-2.8m
	-8052 Mar 24 j 23:33	30°℞♋	
min. Earth dist.	-8052 Mar 25 j 20:28	29°♋45'44	0.39070 AU
direct	-8052 Apr 22 j 17:33	25°♋13'56	
desc. node	-8052 May 07 j 09:06	26°♋38'08	
	-8052 May 20 j 07:46	0°♌	
	-8052 Jul 18 j 13:29	0°♍	
	-8052 Sep 02 j 15:00	0°♎	
	-8052 Oct 17 j 00:13	0°♏	
	-8052 Nov 30 j 18:07	0°♐	
	-8051 Jan 15 j 12:01	0°♑	
	-8051 Mar 03 j 04:00	0°♒	
evening set	-8051 Mar 09 j 22:39	4°♒19'31	
asc. node	-8051 Apr 14 j 11:59	26°♒59'40	
	-8051 Apr 19 j 04:58	0°♓	
max. Earth dist.	-8051 Apr 22 j 05:22	1°♓55'38	2.66663 AU
conjunction	-8051 Apr 26 j 20:35	4°♓53'25	0°07'05
minimum elong	-8051 Apr 26 j 20:20	4°♓53'01	0°06'49
behind sun begin	-8051 Apr 26 j 02:31	4°♓24'32	
behind sun end	-8051 Apr 27 j 14:10	5°♓21'30	
	-8051 Jun 04 j 21:18	0°♈	
morning rise	-8051 Jun 12 j 00:13	4°♈37'22	
	-8051 Jul 20 j 15:30	0°♉	
	-8051 Sep 03 j 07:00	0°♊	
	-8051 Oct 16 j 23:36	0°♋	
	-8051 Nov 29 j 04:47	0°♌	
	-8050 Jan 11 j 23:23	0°♍	
	-8050 Feb 28 j 17:43	0°♎	
desc. node	-8050 Mar 25 j 13:06	12°♎32'25	
retrograde	-8050 May 04 j 09:52	22°♎12'04	
min. Earth dist.	-8050 May 31 j 09:55	17°♎28'26	0.42087 AU
greatest brilliancy	-8050 Jun 06 j 10:15	15°♎35'25	-2.6m
opposition	-8050 Jun 07 j 17:34	15°♎10'39	-4°47'45
direct	-8050 Jul 09 j 01:31	9°♎18'55	
	-8050 Sep 13 j 06:45	0°♏	
	-8050 Nov 05 j 22:15	0°♐	
	-8050 Dec 25 j 09:43	0°♑	
	-8049 Feb 11 j 22:07	0°♒	
asc. node	-8049 Mar 02 j 08:13	11°♒29'12	
	-8049 Mar 31 j 18:45	0°♓	
evening set	-8049 Apr 17 j 23:44	10°♓56'23	
max. Earth dist.	-8049 May 17 j 02:16	29°♓42'32	2.62956 AU
	-8049 May 17 j 12:59	0°♈	
conjunction	-8049 Jun 04 j 13:00	11°♈48'58	0°49'39
minimum elong	-8049 Jun 04 j 11:32	11°♈46'33	0°49'41
	-8049 Jul 01 j 17:14	0°♉	
morning rise	-8049 Jul 21 j 14:09	13°♉35'01	
	-8049 Aug 14 j 02:57	0°♊	
	-8049 Sep 24 j 21:40	0°♋	
	-8049 Nov 04 j 11:28	0°♌	
	-8049 Dec 14 j 11:24	0°♍	
	-8048 Jan 23 j 19:54	0°♎	
desc. node	-8048 Feb 10 j 12:39	12°♎48'38	
	-8048 Mar 06 j 03:55	0°♏	
	-8048 Apr 23 j 18:34	0°♐	
retrograde	-8048 Jun 23 j 12:21	19°♐27'31	
min. Earth dist.	-8048 Jul 25 j 04:13	12°♐41'37	0.54361 AU
greatest brilliancy	-8048 Jul 30 j 22:20	10°♐30'02	-1.9m
opposition	-8048 Aug 01 j 04:26	10°♐01'16	-5°30'04
direct	-8048 Sep 05 j 14:07	2°♐08'40	
	-8048 Nov 27 j 12:38	0°♑	
asc. node	-8047 Jan 17 j 09:15	28°♑08'41	
	-8047 Jan 20 j 13:43	0°♒	
	-8047 Mar 11 j 12:07	0°♓	
	-8047 Apr 27 j 23:48	0°♈	
evening set	-8047 May 27 j 10:59	19°♈23'45	
	-8047 Jun 12 j 03:40	0°♉	
max. Earth dist.	-8047 Jun 14 j 12:13	1°♉36'31	2.54288 AU
conjunction	-8047 Jul 16 j 08:55	23°♉48'38	1°12'07
minimum elong	-8047 Jul 16 j 08:36	23°♉48'04	1°12'30
	-8047 Jul 25 j 01:09	0°♊	
	-8047 Sep 03 j 23:29	0°♋	
morning rise	-8047 Sep 06 j 13:09	1°♋55'26	
	-8047 Oct 13 j 12:07	0°♌	
	-8047 Nov 21 j 08:21	0°♍	
desc. node	-8047 Dec 28 j 08:10	28°♍28'17	
	-8047 Dec 30 j 08:17	0°♎	
	-8046 Feb 08 j 11:32	0°♏	
	-8046 Mar 23 j 00:51	0°♐	
	-8046 May 09 j 13:22	0°♑	
	-8046 Jul 22 j 06:40	0°♒	
retrograde	-8046 Aug 01 j 14:33	0°♒41'19	
	-8046 Aug 11 j 15:10	30°℞♑	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

min. Earth dist.	-8046 Sep 07 j 03:04	22°♉07'26	0.63495 AU
opposition	-8046 Sep 10 j 13:33	20°♉44'43	-3°11'26
greatest brilliancy	-8046 Sep 10 j 05:19	20°♉52'59	-1.5m
direct	-8046 Oct 19 j 02:13	11°♉37'13	
asc. node	-8046 Dec 05 j 13:06	22°♉31'44	
	-8046 Dec 22 j 22:31	0°♒	
	-8045 Feb 17 j 20:11	0°♓	
	-8045 Apr 08 j 09:54	0°♈	
	-8045 May 24 j 04:43	0°♉	
	-8045 Jul 06 j 01:43	0°♊	
evening set	-8045 Jul 13 j 10:40	5°♊20'25	
max. Earth dist.	-8045 Aug 02 j 01:47	19°♊47'53	2.42350 AU
	-8045 Aug 15 j 15:59	0°♋	
conjunction	-8045 Sep 07 j 19:08	17°♋39'46	0°47'09
minimum elong	-8045 Sep 07 j 21:53	17°♋45'05	0°47'38
	-8045 Sep 23 j 17:22	0°♌	
	-8045 Nov 01 j 01:56	0°♍	
morning rise	-8045 Nov 09 j 12:58	6°♍37'23	
desc. node	-8045 Nov 15 j 03:15	10°♍59'48	
	-8045 Dec 09 j 14:37	0°♎	
	-8044 Jan 18 j 04:20	0°♏	
	-8044 Feb 28 j 15:20	0°♐	
	-8044 Apr 12 j 21:50	0°♑	
	-8044 May 31 j 18:36	0°♒	
	-8044 Aug 03 j 13:33	0°♓	
retrograde	-8044 Sep 04 j 17:27	5°♓39'45	
	-8044 Oct 04 j 05:30	30°R♒	
opposition	-8044 Oct 14 j 12:22	26°♒00'50	-0°18'56
greatest brilliancy	-8044 Oct 14 j 12:38	26°♒00'34	-1.4m
min. Earth dist.	-8044 Oct 14 j 19:33	25°♒53'38	0.66774 AU
asc. node	-8044 Oct 22 j 17:23	22°♒47'11	
direct	-8044 Nov 23 j 23:11	16°♒12'35	
	-8043 Jan 17 j 07:39	0°♓	
	-8043 Mar 16 j 00:36	0°♈	
	-8043 May 02 j 21:51	0°♉	
	-8043 Jun 15 j 09:59	0°♊	
	-8043 Jul 26 j 02:36	0°♋	
	-8043 Sep 03 j 01:47	0°♌	
evening set	-8043 Sep 09 j 20:58	5°♌18'52	
desc. node	-8043 Oct 01 j 21:57	22°♌37'07	
	-8043 Oct 11 j 07:22	0°♍	
conjunction	-8043 Nov 12 j 16:19	25°♍18'07	-0°30'31
minimum elong	-8043 Nov 12 j 13:42	25°♍13'03	0°30'22
	-8043 Nov 18 j 17:59	0°♎	
max. Earth dist.	-8043 Dec 27 j 11:01	29°♎24'18	2.41418 AU
	-8043 Dec 28 j 06:11	0°♏	
morning rise	-8042 Jan 16 j 14:33	14°♏14'59	
	-8042 Feb 07 j 12:46	0°♐	
	-8042 Mar 23 j 01:57	0°♑	
	-8042 May 08 j 08:35	0°♒	
	-8042 Jun 27 j 11:26	0°♓	
	-8042 Aug 27 j 08:33	0°♈	
asc. node	-8042 Sep 09 j 19:57	4°♈40'36	
retrograde	-8042 Oct 11 j 00:22	9°♈53'29	
opposition	-8042 Nov 18 j 13:22	0°♈57'36	2°38'38
greatest brilliancy	-8042 Nov 18 j 20:48	0°♈50'19	-1.5m
	-8042 Nov 21 j 00:08	30°R♓	
min. Earth dist.	-8042 Nov 22 j 13:56	29°♓23'03	0.63877 AU
direct	-8042 Dec 29 j 14:58	20°♓57'54	
	-8041 Feb 09 j 05:21	0°♈	
	-8041 Apr 08 j 19:47	0°♉	
	-8041 May 24 j 19:27	0°♊	
	-8041 Jul 05 j 09:10	0°♋	
	-8041 Aug 13 j 17:40	0°♌	
desc. node	-8041 Aug 19 j 19:24	4°♌42'38	
	-8041 Sep 21 j 05:23	0°♍	
	-8041 Oct 29 j 22:01	0°♎	
evening set	-8041 Nov 15 j 14:00	12°♎41'59	
	-8041 Dec 08 j 16:47	0°♏	
conjunction	-8040 Jan 14 j 08:17	26°♏33'29	-1°11'16
minimum elong	-8040 Jan 14 j 07:55	26°♏32'49	1°11'41
	-8040 Jan 19 j 05:01	0°♐	
max. Earth dist.	-8040 Feb 18 j 19:33	21°♐13'40	2.53902 AU
	-8040 Mar 02 j 18:28	0°♑	
morning rise	-8040 Mar 10 j 08:53	5°♑05'23	
	-8040 Apr 17 j 09:39	0°♒	
	-8040 Jun 04 j 00:33	0°♓	
	-8040 Jul 24 j 03:13	0°♈	
asc. node	-8040 Jul 27 j 18:40	2°♈05'37	
	-8040 Sep 18 j 12:51	0°♉	
retrograde	-8040 Nov 22 j 04:05	18°♉24'51	
opposition	-8040 Dec 28 j 05:43	10°♉41'30	5°18'29
greatest brilliancy	-8040 Dec 29 j 12:24	10°♉13'21	-1.8m
min. Earth dist.	-8039 Jan 04 j 16:06	7°♉58'07	0.55044 AU
direct	-8039 Feb 05 j 23:20	1°♉20'54	
	-8039 Apr 25 j 07:06	0°♊	
	-8039 Jun 10 j 02:13	0°♋	
desc. node	-8039 Jul 06 j 21:11	19°♋21'32	
	-8039 Jul 21 j 04:01	0°♌	
	-8039 Aug 29 j 16:56	0°♍	
	-8039 Oct 08 j 05:37	0°♎	
	-8039 Nov 17 j 18:15	0°♏	
	-8039 Dec 29 j 21:57	0°♐	
evening set	-8038 Jan 09 j 12:04	7°♐20'06	
	-8038 Feb 11 j 22:19	0°♑	
conjunction	-8038 Mar 03 j 03:01	12°♑43'14	-0°53'11
minimum elong	-8038 Mar 03 j 04:43	12°♑46'02	0°53'43
max. Earth dist.	-8038 Mar 20 j 01:39	23°♑47'58	2.62878 AU
	-8038 Mar 29 j 15:07	0°♒	
morning rise	-8038 Apr 21 j 17:48	14°♒51'26	
	-8038 May 15 j 12:43	0°♓	
asc. node	-8038 Jun 14 j 12:43	18°♓56'13	
	-8038 Jul 02 j 04:01	0°♈	
	-8038 Aug 19 j 14:20	0°♉	
	-8038 Oct 09 j 03:58	0°♊	
	-8038 Dec 08 j 06:21	0°♋	
retrograde	-8037 Jan 20 j 22:37	9°♋45'38	
opposition	-8037 Feb 22 j 02:56	3°♋56'13	5°33'48
greatest brilliancy	-8037 Feb 23 j 16:00	3°♋27'53	-2.5m
min. Earth dist.	-8037 Mar 01 j 09:50	1°♋43'39	0.42686 AU
	-8037 Mar 07 j 15:12	30°R♊	
direct	-8037 Mar 28 j 18:07	27°♊03'55	
	-8037 Apr 18 j 23:59	0°♋	
desc. node	-8037 May 25 j 01:13	15°♋04'16	
	-8037 Jun 19 j 12:05	0°♌	
	-8037 Aug 03 j 05:50	0°♍	
	-8037 Sep 14 j 16:16	0°♎	
	-8037 Oct 27 j 05:10	0°♏	
	-8037 Dec 09 j 20:15	0°♐	
	-8036 Jan 23 j 21:16	0°♑	
evening set	-8036 Feb 23 j 05:44	19°♑45'00	
	-8036 Mar 10 j 03:40	0°♒	
conjunction	-8036 Apr 11 j 21:59	20°♒58'23	-0°11'02
minimum elong	-8036 Apr 11 j 22:26	20°♒59'05	0°11'25
behind sun begin	-8036 Apr 11 j 08:37	20°♒37'02	
behind sun end	-8036 Apr 12 j 12:15	21°♒21'09	
max. Earth dist.	-8036 Apr 12 j 19:59	21°♒33'29	2.66661 AU
	-8036 Apr 26 j 01:15	0°♓	
asc. node	-8036 May 01 j 05:28	3°♓18'25	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

morning rise	-8036 May 28 j 11:46	20°♓45'37	
	-8036 Jun 11 j 20:34	0°♈	
	-8036 Jul 28 j 01:31	0°♉	
	-8036 Sep 11 j 13:42	0°♊	
	-8036 Oct 26 j 17:21	0°♋	
	-8036 Dec 11 j 10:21	0°♌	
	-8035 Jan 29 j 16:08	0°♍	
retrograde	-8035 Apr 08 j 05:06	23°♍28'40	
desc. node	-8035 Apr 11 j 04:31	23°♍25'07	
min. Earth dist.	-8035 May 05 j 22:09	18°♍55'20	0.38768 AU
opposition	-8035 May 10 j 03:12	17°♍44'55	-2°13'25
greatest brilliancy	-8035 May 09 j 17:01	17°♍52'01	-2.9m
direct	-8035 Jun 09 j 06:35	12°♍34'46	
	-8035 Aug 06 j 23:33	0°♎	
	-8035 Sep 29 j 01:09	0°♏	
	-8035 Nov 16 j 04:48	0°♐	
	-8034 Jan 02 j 16:26	0°♑	
	-8034 Feb 19 j 06:43	0°♒	
asc. node	-8034 Mar 19 j 00:38	17°♒30'26	
evening set	-8034 Apr 02 j 21:22	26°♒55'26	
	-8034 Apr 07 j 17:35	0°♓	
max. Earth dist.	-8034 May 07 j 07:10	18°♓55'03	2.65057 AU
conjunction	-8034 May 20 j 06:48	27°♓19'02	0°34'24
minimum elong	-8034 May 20 j 05:38	27°♓17'07	0°34'19
	-8034 May 24 j 09:51	0°♈	
morning rise	-8034 Jul 05 j 13:45	27°♈51'18	
	-8034 Jul 08 j 18:21	0°♉	
	-8034 Aug 21 j 13:24	0°♊	
	-8034 Oct 02 j 21:55	0°♋	
	-8034 Nov 13 j 04:54	0°♌	
	-8034 Dec 24 j 01:48	0°♍	
	-8033 Feb 03 j 16:06	0°♎	
desc. node	-8033 Feb 27 j 07:21	16°♎14'27	
	-8033 Mar 20 j 17:37	0°♏	
	-8033 Jun 05 j 13:53	0°♐	
retrograde	-8033 Jun 06 j 17:10	0°♐00'33	
	-8033 Jun 07 j 20:24	30°℞♏	
min. Earth dist.	-8033 Jul 06 j 05:26	24°♏06'26	0.49564 AU
greatest brilliancy	-8033 Jul 12 j 15:11	21°♏47'16	-2.2m
opposition	-8033 Jul 14 j 04:48	21°♏13'04	-5°53'01
direct	-8033 Aug 17 j 00:23	14°♏02'45	
	-8033 Oct 13 j 19:51	0°♐	
	-8033 Dec 09 j 23:29	0°♑	
	-8032 Jan 29 j 23:49	0°♒	
asc. node	-8032 Feb 03 j 23:17	3°♒00'21	
	-8032 Mar 18 j 21:22	0°♓	
	-8032 May 05 j 00:15	0°♈	
evening set	-8032 May 11 j 06:46	4°♈05'12	
max. Earth dist.	-8032 Jun 02 j 03:48	18°♈32'50	2.58242 AU
	-8032 Jun 19 j 03:24	0°♉	
conjunction	-8032 Jun 28 j 20:26	6°♉38'38	1°07'14
minimum elong	-8032 Jun 28 j 19:17	6°♉36'39	1°07'30
	-8032 Aug 01 j 04:47	0°♊	
morning rise	-8032 Aug 17 j 07:53	11°♊35'51	
	-8032 Sep 11 j 09:59	0°♋	
	-8032 Oct 21 j 06:41	0°♌	
	-8032 Nov 29 j 11:14	0°♍	
	-8031 Jan 07 j 19:44	0°♎	
desc. node	-8031 Jan 14 j 05:11	4°♎48'40	
	-8031 Feb 17 j 10:34	0°♏	
	-8031 Apr 02 j 01:38	0°♐	
	-8031 May 23 j 18:08	0°♑	
retrograde	-8031 Jul 18 j 06:02	15°♑58'36	
min. Earth dist.	-8031 Aug 22 j 00:21	8°♑02'08	0.60547 AU
opposition	-8031 Aug 26 j 21:55	6°♑05'28	-4°12'35
greatest brilliancy	-8031 Aug 26 j 06:07	6°♑21'10	-1.6m
	-8031 Sep 13 j 11:23	30°℞♐	
direct	-8031 Oct 03 j 08:42	27°♐22'18	
	-8031 Oct 24 j 18:10	0°♑	
asc. node	-8031 Dec 22 j 02:00	23°♑04'45	
	-8030 Jan 04 j 11:35	0°♒	
	-8030 Feb 26 j 10:34	0°♓	
	-8030 Apr 15 j 22:59	0°♈	
	-8030 May 31 j 10:12	0°♉	
evening set	-8030 Jun 24 j 00:59	16°♉19'34	
max. Earth dist.	-8030 Jul 09 j 12:41	27°♉18'52	2.47132 AU
	-8030 Jul 13 j 06:27	0°♊	
conjunction	-8030 Aug 16 j 07:07	24°♊59'36	1°04'29
minimum elong	-8030 Aug 16 j 08:58	25°♊03'04	1°05'01
	-8030 Aug 22 j 23:09	0°♋	
	-8030 Oct 01 j 04:04	0°♌	
morning rise	-8030 Oct 13 j 13:05	9°♌36'45	
	-8030 Nov 08 j 16:14	0°♍	
desc. node	-8030 Dec 01 j 22:44	18°♍07'02	
	-8030 Dec 17 j 08:05	0°♎	
	-8029 Jan 26 j 00:56	0°♏	
	-8029 Mar 08 j 17:45	0°♐	
	-8029 Apr 22 j 16:51	0°♑	
	-8029 Jun 13 j 05:41	0°♒	
retrograde	-8029 Aug 23 j 05:06	22°♒34'25	
min. Earth dist.	-8029 Oct 01 j 00:48	13°♒13'14	0.66204 AU
opposition	-8029 Oct 02 j 04:37	12°♒45'15	-1°27'14
greatest brilliancy	-8029 Oct 02 j 03:38	12°♒46'15	-1.4m
asc. node	-8029 Nov 09 j 07:00	3°♒10'50	
direct	-8029 Nov 11 j 00:41	3°♒09'42	
	-8028 Feb 01 j 02:41	0°♓	
	-8028 Mar 25 j 00:32	0°♈	
	-8028 May 10 j 19:41	0°♉	
	-8028 Jun 22 j 23:48	0°♊	
	-8028 Aug 02 j 14:30	0°♋	
evening set	-8028 Aug 16 j 01:15	10°♋14'54	
	-8028 Sep 10 j 13:34	0°♌	
conjunction	-8028 Oct 16 j 17:35	28°♌22'17	0°01'32
minimum elong	-8028 Oct 16 j 17:47	28°♌22'41	0°01'52
behind sun begin	-8028 Oct 15 j 14:30	27°♌29'05	
behind sun end	-8028 Oct 17 j 21:05	29°♌16'16	
desc. node	-8028 Oct 18 j 17:01	29°♌55'25	
	-8028 Oct 18 j 19:21	0°♍	
max. Earth dist.	-8028 Oct 29 j 06:44	8°♍13'15	2.38029 AU
	-8028 Nov 26 j 05:44	0°♎	
morning rise	-8028 Dec 22 j 01:26	19°♎44'49	
	-8027 Jan 04 j 17:14	0°♏	
	-8027 Feb 14 j 23:47	0°♐	
	-8027 Mar 30 j 16:17	0°♑	
	-8027 May 16 j 13:20	0°♒	
	-8027 Jul 07 j 23:23	0°♓	
retrograde	-8027 Sep 26 j 11:21	26°♓32'55	
asc. node	-8027 Sep 26 j 11:10	26°♓32'55	
opposition	-8027 Nov 04 j 15:06	17°♓17'25	1°30'02
greatest brilliancy	-8027 Nov 04 j 17:31	17°♓15'01	-1.4m
min. Earth dist.	-8027 Nov 07 j 04:48	16°♓16'14	0.65743 AU
direct	-8027 Dec 15 j 15:05	7°♓18'09	
	-8026 Feb 25 j 23:37	0°♈	
	-8026 Apr 18 j 18:05	0°♉	
	-8026 Jun 02 j 09:16	0°♊	
	-8026 Jul 13 j 11:49	0°♋	
	-8026 Aug 21 j 15:01	0°♌	
desc. node	-8026 Sep 05 j 13:51	11°♌40'15	
	-8026 Sep 28 j 23:00	0°♍	
evening set	-8026 Oct 21 j 01:33	17°♍16'30	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

	-8026 Nov 06 j 11:57	0°♎	
	-8026 Dec 16 j 02:40	0°♏	
conjunction	-8026 Dec 22 j 16:29	4°♏51'54	-1°04'11
minimum elong	-8026 Dec 22 j 14:11	4°♏47'40	1°04'26
	-8025 Jan 26 j 11:11	0°♐	
max. Earth dist.	-8025 Feb 03 j 09:59	5°♐36'05	2.49196 AU
morning rise	-8025 Feb 20 j 06:24	17°♐18'00	
	-8025 Mar 10 j 22:41	0°♑	
	-8025 Apr 25 j 16:50	0°♒	
	-8025 Jun 12 j 22:34	0°♓	
	-8025 Aug 04 j 03:58	0°♈	
asc. node	-8025 Aug 14 j 11:23	5°♈25'49	
	-8025 Oct 14 j 06:35	0°♉	
retrograde	-8025 Nov 05 j 02:05	2°♉40'46	
	-8025 Nov 25 j 13:03	30°℞♈	
opposition	-8025 Dec 12 j 07:07	24°♈24'36	4°21'46
greatest brilliancy	-8025 Dec 13 j 03:28	24°♈05'17	-1.7m
min. Earth dist.	-8025 Dec 18 j 12:10	22°♈03'17	0.59143 AU
direct	-8024 Jan 21 j 20:33	14°♈39'44	
	-8024 Mar 16 j 19:36	0°♉	
	-8024 May 07 j 19:55	0°♊	
	-8024 Jun 20 j 02:19	0°♋	
desc. node	-8024 Jul 23 j 13:13	24°♋55'33	
	-8024 Jul 30 j 05:06	0°♌	
	-8024 Sep 07 j 04:30	0°♍	
	-8024 Oct 16 j 06:45	0°♎	
	-8024 Nov 25 j 10:10	0°♏	
evening set	-8024 Dec 20 j 09:43	18°♏04'57	
	-8023 Jan 06 j 05:54	0°♐	
conjunction	-8023 Feb 13 j 11:18	26°♐16'29	-1°04'43
minimum elong	-8023 Feb 13 j 12:46	26°♐18'58	1°05'14
	-8023 Feb 19 j 00:14	0°♑	
max. Earth dist.	-8023 Mar 09 j 09:06	12°♑13'09	2.59946 AU
	-8023 Apr 05 j 14:32	0°♒	
morning rise	-8023 Apr 06 j 02:58	0°♒20'05	
	-8023 May 22 j 15:54	0°♓	
asc. node	-8023 Jul 01 j 06:56	24°♓40'26	
	-8023 Jul 09 j 23:05	0°♈	
	-8023 Aug 29 j 04:16	0°♉	
	-8023 Oct 24 j 13:37	0°♊	
retrograde	-8023 Dec 25 j 20:25	17°♊30'18	
opposition	-8022 Jan 28 j 14:20	10°♊52'28	6°06'04
greatest brilliancy	-8022 Jan 30 j 08:49	10°♊16'45	-2.2m
min. Earth dist.	-8022 Feb 05 j 21:38	8°♊05'54	0.47496 AU
direct	-8022 Mar 06 j 19:27	2°♊46'00	
	-8022 May 19 j 15:12	0°♋	
desc. node	-8022 Jun 10 j 16:49	14°♋01'00	
	-8022 Jul 03 j 23:47	0°♌	
	-8022 Aug 14 j 10:50	0°♍	
	-8022 Sep 24 j 05:36	0°♎	
	-8022 Nov 04 j 16:45	0°♏	
	-8022 Dec 17 j 13:55	0°♐	
	-8021 Jan 31 j 02:42	0°♑	
evening set	-8021 Feb 06 j 18:49	4°♑24'17	
	-8021 Mar 18 j 02:01	0°♒	
conjunction	-8021 Mar 28 j 15:20	6°♒47'42	-0°28'37
minimum elong	-8021 Mar 28 j 16:26	6°♒49'28	0°29'05
max. Earth dist.	-8021 Apr 04 j 12:07	11°♒12'05	2.65822 AU
	-8021 May 03 j 21:51	0°♓	
morning rise	-8021 May 15 j 01:14	7°♓06'16	
asc. node	-8021 May 18 j 23:34	9°♓36'39	
	-8021 Jun 19 j 22:27	0°♈	
	-8021 Aug 05 j 18:31	0°♉	
	-8021 Sep 21 j 13:22	0°♊	
	-8021 Nov 08 j 05:03	0°♋	
	-8021 Dec 29 j 20:38	0°♌	
retrograde	-8020 Mar 08 j 18:02	22°♌52'57	
opposition	-8020 Apr 08 j 10:36	17°♌46'29	1°32'29
greatest brilliancy	-8020 Apr 08 j 14:29	17°♌43'53	-2.9m
min. Earth dist.	-8020 Apr 09 j 13:40	17°♌28'18	0.38102 AU
desc. node	-8020 Apr 27 j 22:18	13°♌24'04	
direct	-8020 May 09 j 04:49	12°♌34'38	
	-8020 Jul 05 j 12:47	0°♍	
	-8020 Aug 25 j 13:30	0°♎	
	-8020 Oct 10 j 15:56	0°♏	
	-8020 Nov 25 j 06:32	0°♐	
	-8019 Jan 10 j 11:55	0°♑	
	-8019 Feb 26 j 10:29	0°♒	
evening set	-8019 Mar 18 j 18:40	12°♒55'50	
asc. node	-8019 Apr 04 j 16:43	23°♒41'29	
	-8019 Apr 14 j 14:22	0°♓	
max. Earth dist.	-8019 Apr 27 j 17:11	8°♓22'49	2.66326 AU
conjunction	-8019 May 05 j 09:36	13°♓18'22	0°17'26
minimum elong	-8019 May 05 j 08:58	13°♓17'21	0°17'12
	-8019 May 31 j 06:29	0°♈	
morning rise	-8019 Jun 20 j 11:10	13°♈11'00	
	-8019 Jul 15 j 20:59	0°♉	
	-8019 Aug 29 j 04:18	0°♊	
	-8019 Oct 11 j 07:41	0°♋	
	-8019 Nov 22 j 16:25	0°♌	
	-8018 Jan 04 j 01:27	0°♍	
	-8018 Feb 17 j 08:24	0°♎	
desc. node	-8018 Mar 16 j 00:37	16°♎09'05	
	-8018 Apr 13 j 15:54	0°♏	
retrograde	-8018 May 17 j 07:36	7°♏10'45	
min. Earth dist.	-8018 Jun 13 j 23:45	2°♏05'54	0.44602 AU
greatest brilliancy	-8018 Jun 20 j 10:02	29°♎57'15	-2.4m
	-8018 Jun 20 j 06:47	30°℞♎	
opposition	-8018 Jun 21 j 23:36	29°♎25'43	-5°32'01
direct	-8018 Jul 24 j 02:44	23°♎05'20	
	-8018 Aug 28 j 07:16	0°♏	
	-8018 Oct 29 j 09:37	0°♐	
	-8018 Dec 19 j 15:34	0°♑	
	-8017 Feb 06 j 21:02	0°♒	
asc. node	-8017 Feb 20 j 14:15	8°♒28'33	
	-8017 Mar 27 j 01:21	0°♓	
evening set	-8017 Apr 26 j 18:01	19°♓31'38	
	-8017 May 12 j 22:34	0°♈	
max. Earth dist.	-8017 May 23 j 03:56	6°♈40'58	2.61493 AU
conjunction	-8017 Jun 13 j 12:45	20°♈50'54	0°57'12
minimum elong	-8017 Jun 13 j 11:16	20°♈48'25	0°57'19
	-8017 Jun 27 j 02:45	0°♉	
morning rise	-8017 Jul 31 j 05:24	23°♉31'58	
	-8017 Aug 09 j 09:35	0°♊	
	-8017 Sep 19 j 23:20	0°♋	
	-8017 Oct 30 j 06:18	0°♌	
	-8017 Dec 08 j 21:56	0°♍	
	-8016 Jan 17 j 19:25	0°♎	
desc. node	-8016 Jan 31 j 23:20	10°♎26'33	
	-8016 Feb 28 j 06:45	0°♏	
	-8016 Apr 14 j 03:23	0°♐	
retrograde	-8016 Jul 02 j 22:11	29°♐53'25	
min. Earth dist.	-8016 Aug 04 j 17:48	22°♐40'21	0.56778 AU
greatest brilliancy	-8016 Aug 09 j 23:59	20°♐37'52	-1.8m
opposition	-8016 Aug 11 j 00:48	20°♐13'43	-5°05'55
direct	-8016 Sep 16 j 05:26	12°♐00'54	
	-8016 Nov 18 j 10:33	0°♑	
asc. node	-8015 Jan 07 j 15:55	26°♑04'51	
	-8015 Jan 14 j 14:41	0°♒	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

	-8015 Mar 06 j 09:58	0°♓	
	-8015 Apr 23 j 05:40	0°♈	
evening set	-8015 Jun 06 j 03:52	29°♈04'31	
	-8015 Jun 07 j 12:29	0°♉	
max. Earth dist.	-8015 Jun 22 j 17:53	10°♉28'06	2.51870 AU
	-8015 Jul 20 j 09:57	0°♊	
conjunction	-8015 Jul 27 j 01:21	4°♊47'05	1°11'48
minimum elong	-8015 Jul 27 j 01:46	4°♊47'49	1°12'15
	-8015 Aug 30 j 06:44	0°♋	
morning rise	-8015 Sep 19 j 02:44	14°♋59'30	
	-8015 Oct 08 j 16:42	0°♌	
	-8015 Nov 16 j 09:43	0°♍	
desc. node	-8015 Dec 18 j 19:04	25°♍03'04	
	-8015 Dec 25 j 06:01	0°♎	
	-8014 Feb 03 j 03:54	0°♏	
	-8014 Mar 17 j 06:37	0°♐	
	-8014 May 02 j 11:24	0°♑	
	-8014 Jun 29 j 11:52	0°♒	
retrograde	-8014 Aug 09 j 14:58	9°♒07'39	
min. Earth dist.	-8014 Sep 16 j 00:12	0°♒15'23	0.64714 AU
	-8014 Sep 16 j 15:31	30°℞♑	
opposition	-8014 Sep 18 j 15:01	29°♑12'12	-2°33'57
greatest brilliancy	-8014 Sep 18 j 10:06	29°♑17'09	-1.5m
direct	-8014 Oct 27 j 15:50	19°♑53'19	
asc. node	-8014 Nov 25 j 20:24	24°♑28'56	
	-8014 Dec 12 j 03:27	0°♒	
	-8013 Feb 11 j 17:20	0°♓	
	-8013 Apr 03 j 06:05	0°♈	
	-8013 May 19 j 08:58	0°♉	
	-8013 Jul 01 j 08:34	0°♊	
evening set	-8013 Jul 25 j 09:36	17°♊35'04	
	-8013 Aug 10 j 23:17	0°♋	
max. Earth dist.	-8013 Aug 21 j 08:18	7°♋53'04	2.39985 AU
	-8013 Sep 18 j 23:58	0°♌	
conjunction	-8013 Sep 21 j 16:29	2°♌05'42	0°32'39
minimum elong	-8013 Sep 21 j 18:58	2°♌10'31	0°33'06
	-8013 Oct 27 j 07:27	0°♍	
desc. node	-8013 Nov 05 j 12:18	7°♍12'38	
morning rise	-8013 Nov 25 j 09:58	22°♍44'21	
	-8013 Dec 04 j 19:01	0°♎	
	-8012 Jan 13 j 07:10	0°♏	
	-8012 Feb 23 j 15:11	0°♐	
	-8012 Apr 07 j 14:09	0°♑	
	-8012 May 25 j 11:04	0°♒	
	-8012 Jul 21 j 14:08	0°♓	
retrograde	-8012 Sep 12 j 13:28	13°♓31'18	
asc. node	-8012 Oct 13 j 00:58	7°♓32'16	
opposition	-8012 Oct 22 j 04:01	3°♓59'45	0°21'01
greatest brilliancy	-8012 Oct 22 j 04:13	3°♓59'33	-1.4m
min. Earth dist.	-8012 Oct 23 j 06:44	3°♓33'02	0.66676 AU
	-8012 Nov 01 j 10:49	30°℞♒	
direct	-8012 Dec 01 j 20:57	24°♒06'09	
	-8011 Jan 04 j 06:11	0°♓	
	-8011 Mar 09 j 15:21	0°♈	
	-8011 Apr 27 j 14:16	0°♉	
	-8011 Jun 10 j 10:49	0°♊	
	-8011 Jul 21 j 06:45	0°♋	
	-8011 Aug 29 j 07:01	0°♌	
desc. node	-8011 Sep 22 j 07:36	18°♌49'23	
evening set	-8011 Sep 24 j 16:06	20°♌40'24	
	-8011 Oct 06 j 12:55	0°♍	
	-8011 Nov 13 j 23:44	0°♎	
conjunction	-8011 Nov 27 j 17:12	10°♎32'47	-0°45'51
minimum elong	-8011 Nov 27 j 13:58	10°♎26'38	0°45'51
	-8011 Dec 23 j 11:58	0°♏	
max. Earth dist.	-8010 Jan 13 j 20:10	15°♏42'02	2.44158 AU
morning rise	-8010 Jan 29 j 22:42	27°♏17'26	
	-8010 Feb 02 j 18:13	0°♐	
	-8010 Mar 18 j 05:32	0°♑	
	-8010 May 03 j 05:33	0°♒	
	-8010 Jun 21 j 10:41	0°♓	
	-8010 Aug 16 j 14:41	0°♈	
asc. node	-8010 Aug 31 j 02:55	6°♈21'59	
retrograde	-8010 Oct 19 j 18:35	18°♈12'38	
opposition	-8010 Nov 26 j 21:39	9°♈29'32	3°17'20
greatest brilliancy	-8010 Nov 27 j 09:06	9°♈18'25	-1.5m
min. Earth dist.	-8010 Dec 01 j 17:20	7°♈37'17	0.62460 AU
	-8010 Dec 29 j 12:44	30°℞♓	
direct	-8009 Jan 06 j 21:19	29°♓32'29	
	-8009 Jan 15 j 10:09	0°♈	
	-8009 Apr 01 j 15:12	0°♉	
	-8009 May 19 j 01:03	0°♊	
	-8009 Jun 30 j 02:27	0°♋	
	-8009 Aug 08 j 16:18	0°♌	
desc. node	-8009 Aug 10 j 07:26	1°♌15'31	
	-8009 Sep 16 j 07:05	0°♍	
	-8009 Oct 25 j 02:01	0°♎	
evening set	-8009 Nov 29 j 04:31	26°♎29'02	
	-8009 Dec 03 j 22:30	0°♏	
	-8008 Jan 14 j 12:01	0°♐	
conjunction	-8008 Jan 26 j 05:43	8°♐13'13	-1°10'56
minimum elong	-8008 Jan 26 j 06:15	8°♐14'08	1°11'25
max. Earth dist.	-8008 Feb 26 j 12:28	29°♐37'16	2.56249 AU
	-8008 Feb 27 j 01:59	0°♑	
morning rise	-8008 Mar 20 j 12:53	14°♑56'14	
	-8008 Apr 12 j 15:35	0°♒	
	-8008 May 29 j 23:50	0°♓	
asc. node	-8008 Jul 17 j 23:37	29°♓49'43	
	-8008 Jul 18 j 06:34	0°♈	
	-8008 Sep 09 j 12:47	0°♉	
retrograde	-8008 Dec 03 j 13:16	28°♉34'34	
opposition	-8007 Jan 07 j 20:15	21°♉12'35	5°43'44
greatest brilliancy	-8007 Jan 09 j 08:27	20°♉40'10	-2.0m
min. Earth dist.	-8007 Jan 15 j 18:31	18°♉22'38	0.52478 AU
direct	-8007 Feb 15 j 20:46	12°♉12'35	
	-8007 Apr 15 j 00:50	0°♊	
	-8007 Jun 03 j 01:30	0°♋	
desc. node	-8007 Jun 27 j 09:26	17°♋04'01	
	-8007 Jul 15 j 02:51	0°♌	
	-8007 Aug 24 j 03:36	0°♍	
	-8007 Oct 03 j 00:20	0°♎	
	-8007 Nov 12 j 18:51	0°♏	
	-8007 Dec 25 j 02:54	0°♐	
evening set	-8006 Jan 20 j 04:16	17°♐51'23	
	-8006 Feb 07 j 06:12	0°♑	
conjunction	-8006 Mar 12 j 16:39	22°♑00'47	-0°44'51
minimum elong	-8006 Mar 12 j 18:14	22°♑03'21	0°45'21
	-8006 Mar 25 j 00:09	0°♒	
max. Earth dist.	-8006 Mar 26 j 00:04	0°♒38'39	2.64143 AU
morning rise	-8006 Apr 30 j 09:42	23°♒21'18	
	-8006 May 10 j 20:08	0°♓	
asc. node	-8006 Jun 04 j 16:45	15°♓46'13	
	-8006 Jun 27 j 05:01	0°♈	
	-8006 Aug 13 j 22:39	0°♉	
	-8006 Oct 01 j 17:35	0°♊	
	-8006 Nov 23 j 13:15	0°♋	
retrograde	-8005 Feb 06 j 13:02	24°♋27'46	
opposition	-8005 Mar 09 j 19:30	19°♋02'59	4°35'39
greatest brilliancy	-8005 Mar 10 j 22:31	18°♋43'38	-2.7m

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

min. Earth dist.	-8005 Mar 15 j 15:15	17°♋23'19	0.40443 AU
direct	-8005 Apr 11 j 21:13	12°♋54'38	
desc. node	-8005 May 15 j 13:02	19°♋52'43	
	-8005 Jun 06 j 14:36	0°♌	
	-8005 Jul 26 j 00:44	0°♍	
	-8005 Sep 08 j 02:11	0°♎	
	-8005 Oct 21 j 12:09	0°♏	
	-8005 Dec 04 j 15:58	0°♐	
	-8004 Jan 19 j 00:54	0°♑	
evening set	-8004 Mar 03 j 08:12	28°♑37'22	
	-8004 Mar 05 j 11:47	0°♒	
max. Earth dist.	-8004 Apr 18 j 07:38	28°♒00'02	2.66761 AU
conjunction	-8004 Apr 20 j 13:08	29°♒25'26	-0°00'31
minimum elong	-8004 Apr 20 j 13:10	29°♒25'29	0°00'51
behind sun begin	-8004 Apr 19 j 17:44	28°♒54'28	
behind sun end	-8004 Apr 21 j 08:36	29°♒56'30	
asc. node	-8004 Apr 21 j 10:17	29°♒59'11	
	-8004 Apr 21 j 10:47	0°♓	
morning rise	-8004 Jun 05 j 19:51	29°♓07'10	
	-8004 Jun 07 j 04:33	0°♈	
	-8004 Jul 23 j 03:42	0°♉	
	-8004 Sep 06 j 04:08	0°♊	
	-8004 Oct 20 j 11:00	0°♋	
	-8004 Dec 03 j 13:58	0°♌	
	-8003 Jan 18 j 00:34	0°♍	
	-8003 Mar 12 j 13:04	0°♎	
desc. node	-8003 Apr 01 j 17:25	7°♎21'21	
retrograde	-8003 Apr 23 j 13:43	10°♎28'31	
min. Earth dist.	-8003 May 20 j 12:57	5°♎55'03	0.40336 AU
opposition	-8003 May 26 j 18:28	4°♎03'58	-3°53'28
greatest brilliancy	-8003 May 25 j 19:24	4°♎21'14	-2.7m
	-8003 Jun 11 j 14:14	30°℞♍	
direct	-8003 Jun 26 j 11:49	28°♍33'54	
	-8003 Jul 11 j 12:40	0°♎	
	-8003 Sep 20 j 04:42	0°♏	
	-8003 Nov 09 j 20:14	0°♐	
	-8003 Dec 28 j 07:47	0°♑	
	-8002 Feb 14 j 09:32	0°♒	
asc. node	-8002 Mar 09 j 06:09	14°♒20'10	
	-8002 Apr 03 j 01:42	0°♓	
evening set	-8002 Apr 11 j 13:27	5°♓23'30	
max. Earth dist.	-8002 May 13 j 00:21	25°♓34'57	2.63994 AU
	-8002 May 19 j 19:33	0°♈	
conjunction	-8002 May 28 j 23:49	5°♈59'42	0°43'31
minimum elong	-8002 May 28 j 22:26	5°♈57'26	0°43'30
	-8002 Jul 04 j 02:24	0°♉	
morning rise	-8002 Jul 14 j 15:02	7°♉08'14	
	-8002 Aug 16 j 16:53	0°♊	
	-8002 Sep 27 j 18:09	0°♋	
	-8002 Nov 07 j 15:30	0°♌	
	-8002 Dec 17 j 23:43	0°♍	
	-8001 Jan 27 j 18:49	0°♎	
desc. node	-8001 Feb 17 j 18:04	14°♎55'06	
	-8001 Mar 11 j 22:29	0°♏	
	-8001 May 03 j 01:11	0°♐	
retrograde	-8001 Jun 17 j 03:35	11°♐49'27	
min. Earth dist.	-8001 Jul 17 j 19:54	5°♐26'24	0.52267 AU
greatest brilliancy	-8001 Jul 23 j 22:16	3°♐09'49	-2.0m
opposition	-8001 Jul 25 j 08:03	2°♐38'08	-5°43'51
	-8001 Aug 01 j 15:51	30°℞♏	
direct	-8001 Aug 29 j 01:49	25°♏03'18	
	-8001 Sep 27 j 17:18	0°♐	
	-8001 Dec 02 j 22:44	0°♑	
	-8000 Jan 24 j 12:27	0°♒	
asc. node	-8000 Jan 25 j 06:16	0°♒26'23	
	-8000 Mar 13 j 23:46	0°♓	
	-8000 Apr 30 j 08:22	0°♈	
evening set	-8000 May 20 j 10:30	13°♈09'11	
max. Earth dist.	-8000 Jun 09 j 02:31	26°♈18'44	2.56133 AU
	-8000 Jun 14 j 13:00	0°♉	
conjunction	-8000 Jul 08 j 16:18	16°♉39'23	1°10'46
minimum elong	-8000 Jul 08 j 15:34	16°♉38'06	1°11'07
	-8000 Jul 27 j 13:09	0°♊	
morning rise	-8000 Aug 28 j 12:45	23°♊14'51	
	-8000 Sep 06 j 15:16	0°♋	
	-8000 Oct 16 j 07:50	0°♌	
	-8000 Nov 24 j 07:32	0°♍	
	-7999 Jan 02 j 10:34	0°♎	
desc. node	-7999 Jan 04 j 13:49	1°♎37'12	
	-7999 Feb 11 j 17:13	0°♏	
	-7999 Mar 26 j 13:54	0°♐	
	-7999 May 14 j 06:08	0°♑	
retrograde	-7999 Jul 26 j 14:57	24°♑58'17	
min. Earth dist.	-7999 Aug 31 j 09:12	16°♑40'00	0.62291 AU
opposition	-7999 Sep 04 j 10:56	15°♑02'18	-3°37'54
greatest brilliancy	-7999 Sep 03 j 23:41	15°♑13'34	-1.5m
direct	-7999 Oct 12 j 12:12	6°♑04'54	
asc. node	-7999 Dec 12 j 09:42	22°♑42'08	
	-7999 Dec 27 j 20:23	0°♒	
	-7998 Feb 20 j 20:54	0°♓	
	-7998 Apr 11 j 00:23	0°♈	
	-7998 May 26 j 17:14	0°♉	
evening set	-7998 Jul 04 j 19:56	27°♉16'19	
	-7998 Jul 08 j 15:07	0°♊	
max. Earth dist.	-7998 Jul 21 j 15:02	9°♊25'41	2.44466 AU
	-7998 Aug 18 j 07:27	0°♋	
conjunction	-7998 Aug 28 j 17:04	7°♋52'51	0°55'55
minimum elong	-7998 Aug 28 j 19:34	7°♋57'38	0°56'27
	-7998 Sep 26 j 10:53	0°♌	
morning rise	-7998 Oct 28 j 12:11	25°♌01'14	
	-7998 Nov 03 j 20:52	0°♍	
desc. node	-7998 Nov 22 j 09:06	14°♍27'19	
	-7998 Dec 12 j 10:21	0°♎	
	-7997 Jan 21 j 00:17	0°♏	
	-7997 Mar 03 j 11:53	0°♐	
	-7997 Apr 16 j 22:34	0°♑	
	-7997 Jun 05 j 14:00	0°♒	
	-7997 Aug 21 j 11:16	0°♓	
retrograde	-7997 Aug 31 j 00:30	0°♓33'54	
	-7997 Sep 09 j 06:31	30°℞♒	
opposition	-7997 Oct 09 j 21:40	20°♒50'00	-0°47'36
greatest brilliancy	-7997 Oct 09 j 21:43	20°♒49'56	-1.4m
min. Earth dist.	-7997 Oct 09 j 13:33	20°♒58'09	0.66644 AU
asc. node	-7997 Oct 30 j 14:27	13°♒35'25	
direct	-7997 Nov 19 j 02:07	11°♒06'45	
	-7996 Jan 23 j 21:37	0°♓	
	-7996 Mar 19 j 07:02	0°♈	
	-7996 May 05 j 17:56	0°♉	
	-7996 Jun 18 j 03:48	0°♊	
	-7996 Jul 28 j 20:39	0°♋	
evening set	-7996 Aug 29 j 19:14	24°♋30'42	
	-7996 Sep 05 j 20:24	0°♌	
desc. node	-7996 Oct 09 j 04:01	26°♌08'04	
	-7996 Oct 14 j 02:02	0°♍	
conjunction	-7996 Oct 31 j 21:48	13°♍58'39	-0°17'04
minimum elong	-7996 Oct 31 j 20:14	13°♍55'35	0°16'50
	-7996 Nov 21 j 12:03	0°♎	
max. Earth dist.	-7996 Dec 08 j 09:41	12°♎59'03	2.39482 AU
	-7996 Dec 30 j 22:55	0°♏	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

morning rise	-7995 Jan 05 j 19:32	4♏21'23	
	-7995 Feb 10 j 03:54	0♐	
	-7995 Mar 25 j 16:43	0♑	
	-7995 May 11 j 02:49	0♒	
	-7995 Jun 30 j 22:35	0♓	
	-7995 Sep 05 j 17:21	0♈	
asc. node	-7995 Sep 16 j 17:26	2♈42'13	
retrograde	-7995 Oct 04 j 17:44	4♈34'56	
	-7995 Oct 31 j 10:11	30℞♓	
opposition	-7995 Nov 12 j 13:45	25°♓29'50	2°09'50
greatest brilliancy	-7995 Nov 12 j 18:41	25°♓24'58	-1.4m
min. Earth dist.	-7995 Nov 15 j 22:58	24°♓09'47	0.64838 AU
direct	-7995 Dec 23 j 15:21	15°♓29'21	
	-7994 Feb 16 j 14:05	0♈	
	-7994 Apr 12 j 14:59	0♉	
	-7994 May 28 j 00:46	0♊	
	-7994 Jul 08 j 10:19	0♋	
	-7994 Aug 16 j 16:53	0♌	
desc. node	-7994 Aug 27 j 00:40	8°♌02'05	
	-7994 Sep 24 j 02:45	0♍	
	-7994 Nov 01 j 17:11	0♎	
evening set	-7994 Nov 04 j 16:14	2♎16'26	
	-7994 Dec 11 j 09:11	0♏	
conjunction	-7993 Jan 04 j 19:54	17♏53'33	-1°09'29
minimum elong	-7993 Jan 04 j 18:41	17♏51'21	1°09'50
	-7993 Jan 21 j 18:25	0♐	
max. Earth dist.	-7993 Feb 12 j 13:23	15♐13'33	2.51859 AU
morning rise	-7993 Mar 03 j 09:45	28♐05'32	
	-7993 Mar 06 j 05:38	0♑	
	-7993 Apr 20 j 20:29	0♒	
	-7993 Jun 07 j 15:48	0♓	
	-7993 Jul 28 j 11:28	0♈	
asc. node	-7993 Aug 04 j 16:43	4♈01'51	
	-7993 Sep 26 j 07:11	0♉	
retrograde	-7993 Nov 15 j 03:38	11♉53'32	
opposition	-7993 Dec 21 j 17:51	3♉54'40	4°55'18
greatest brilliancy	-7993 Dec 22 j 19:57	3♉30'18	-1.8m
min. Earth dist.	-7993 Dec 28 j 15:40	1♉20'00	0.56984 AU
	-7992 Jan 01 j 08:40	30℞♈	
direct	-7992 Jan 30 j 21:41	24♈21'08	
	-7992 Mar 01 j 23:11	0♉	
	-7992 Apr 30 j 12:59	0♊	
	-7992 Jun 14 j 01:54	0♋	
desc. node	-7992 Jul 14 j 01:24	21°♋59'06	
	-7992 Jul 24 j 16:58	0♌	
	-7992 Sep 01 j 23:04	0♍	
	-7992 Oct 11 j 06:07	0♎	
	-7992 Nov 20 j 13:23	0♏	
evening set	-7991 Jan 01 j 01:59	29♏42'22	
	-7991 Jan 01 j 12:04	0♐	
	-7991 Feb 14 j 08:30	0♑	
conjunction	-7991 Feb 23 j 17:31	6♑15'23	-0°58'33
minimum elong	-7991 Feb 23 j 19:12	6♑18'11	0°59'05
max. Earth dist.	-7991 Mar 15 j 17:29	19♑26'19	2.61665 AU
	-7991 Mar 31 j 23:01	0♒	
morning rise	-7991 Apr 15 j 04:33	9♒10'18	
	-7991 May 17 j 21:20	0♓	
asc. node	-7991 Jun 21 j 11:30	21♓43'50	
	-7991 Jul 04 j 18:29	0♈	
	-7991 Aug 22 j 20:20	0♉	
	-7991 Oct 14 j 06:09	0♊	
	-7990 Jan 06 j 03:15	0♋	
retrograde	-7990 Jan 09 j 01:03	0♋03'10	
	-7990 Jan 11 j 22:27	30℞♊	
opposition	-7990 Feb 10 j 22:53	23°♊51'53	5°56'17
greatest brilliancy	-7990 Feb 12 j 16:09	23°♊18'51	-2.4m
min. Earth dist.	-7990 Feb 18 j 22:33	21°♊19'46	0.44774 AU
direct	-7990 Mar 18 j 19:15	16°♊24'33	
	-7990 May 06 j 13:29	0♋	
desc. node	-7990 Jun 01 j 05:27	14°♋11'07	
	-7990 Jun 25 j 21:52	0♌	
	-7990 Aug 07 j 20:45	0♍	
	-7990 Sep 18 j 10:10	0♎	
	-7990 Oct 30 j 09:29	0♏	
	-7990 Dec 12 j 14:42	0♐	
	-7989 Jan 26 j 08:57	0♑	
evening set	-7989 Feb 16 j 07:31	13°♑43'05	
	-7989 Mar 13 j 11:14	0♒	
conjunction	-7989 Apr 06 j 11:10	15°♒23'56	-0°18'31
minimum elong	-7989 Apr 06 j 11:54	15°♒25'06	0°18'56
max. Earth dist.	-7989 Apr 10 j 01:00	17°♒41'10	2.66385 AU
	-7989 Apr 29 j 07:34	0♓	
asc. node	-7989 May 09 j 04:15	6♓17'51	
morning rise	-7989 May 23 j 08:40	15°♓21'37	
	-7989 Jun 15 j 05:09	0♈	
	-7989 Jul 31 j 16:23	0♉	
	-7989 Sep 15 j 16:54	0♊	
	-7989 Oct 31 j 18:39	0♋	
	-7989 Dec 18 j 07:42	0♌	
	-7988 Feb 11 j 23:04	0♍	
retrograde	-7988 Mar 26 j 07:48	10♍31'39	
desc. node	-7988 Apr 18 j 09:02	7♍20'03	
min. Earth dist.	-7988 Apr 24 j 11:38	5♍44'02	0.38090 AU
opposition	-7988 Apr 26 j 11:22	5♍11'51	-0°38'35
greatest brilliancy	-7988 Apr 26 j 09:36	5♍13'02	-3.0m
direct	-7988 May 26 j 13:35	0♍08'16	
	-7988 Aug 15 j 16:33	0♎	
	-7988 Oct 03 j 17:51	0♏	
	-7988 Nov 19 j 13:43	0♐	
	-7987 Jan 05 j 10:08	0♑	
	-7987 Feb 21 j 16:30	0♒	
asc. node	-7987 Mar 25 j 23:01	20°♒26'20	
evening set	-7987 Mar 27 j 11:14	21°♒23'46	
	-7987 Apr 10 j 00:05	0♓	
max. Earth dist.	-7987 May 03 j 06:28	14°♓52'15	2.65735 AU
conjunction	-7987 May 13 j 21:54	21°♓43'21	0°27'25
minimum elong	-7987 May 13 j 20:56	21°♓41'47	0°27'16
	-7987 May 26 j 16:44	0♈	
morning rise	-7987 Jun 29 j 00:54	21♈53'48	
	-7987 Jul 11 j 04:25	0♉	
	-7987 Aug 24 j 05:27	0♊	
	-7987 Oct 05 j 22:14	0♋	
	-7987 Nov 16 j 15:48	0♌	
	-7987 Dec 28 j 01:50	0♍	
	-7986 Feb 08 j 12:55	0♎	
desc. node	-7986 Mar 06 j 11:49	17°♎09'36	
	-7986 Mar 27 j 22:23	0♏	
retrograde	-7986 May 29 j 07:23	21°♏00'44	
min. Earth dist.	-7986 Jun 26 j 21:21	15°♏30'09	0.47326 AU
greatest brilliancy	-7986 Jul 03 j 10:29	13°♏12'38	-2.3m
opposition	-7986 Jul 05 j 01:34	12°♏38'14	-5°51'34
direct	-7986 Aug 07 j 03:25	5°♏49'32	
	-7986 Oct 20 j 12:15	0♐	
	-7986 Dec 13 j 13:01	0♑	
	-7985 Feb 01 j 16:54	0♒	
asc. node	-7985 Feb 10 j 20:51	5°♒35'34	
	-7985 Mar 22 j 06:50	0♓	
evening set	-7985 May 05 j 14:24	28°♓13'36	
	-7985 May 08 j 07:57	0♈	
max. Earth dist.	-7985 May 29 j 12:14	13°♈53'49	2.59794 AU

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

conjunction	-7985 Jun 22 j 17:47	0°♉09'04	1°03'30
minimum elong	-7985 Jun 22 j 16:26	0°♉06'46	1°03'43
	-7985 Jun 22 j 12:27	0°♉	
	-7985 Aug 04 j 17:17	0°♊	
morning rise	-7985 Aug 10 j 07:17	3°♊58'37	
	-7985 Sep 15 j 02:57	0°♋	
	-7985 Oct 25 j 04:38	0°♌	
	-7985 Dec 03 j 13:48	0°♍	
	-7984 Jan 12 j 02:55	0°♎	
desc. node	-7984 Jan 22 j 10:47	7°♎42'49	
	-7984 Feb 22 j 00:08	0°♏	
	-7984 Apr 06 j 06:33	0°♐	
	-7984 May 31 j 11:49	0°♑	
retrograde	-7984 Jul 11 j 21:45	9°♑43'44	
min. Earth dist.	-7984 Aug 14 j 19:37	2°♑05'32	0.58952 AU
opposition	-7984 Aug 20 j 07:58	29°♐55'08	-4°36'33
greatest brilliancy	-7984 Aug 19 j 12:21	0°♑14'29	-1.7m
	-7984 Aug 20 j 03:01	30°℞♐	
direct	-7984 Sep 26 j 05:28	21°♐24'41	
	-7984 Nov 06 j 05:11	0°♑	
asc. node	-7984 Dec 28 j 22:33	24°♑28'04	
	-7983 Jan 08 j 04:42	0°♒	
	-7983 Mar 01 j 04:17	0°♓	
	-7983 Apr 18 j 10:20	0°♈	
	-7983 Jun 02 j 20:46	0°♉	
evening set	-7983 Jun 16 j 04:25	9°♉08'00	
max. Earth dist.	-7983 Jul 01 j 20:15	20°♉04'37	2.49295 AU
	-7983 Jul 15 j 18:46	0°♊	
conjunction	-7983 Aug 07 j 06:46	16°♊22'30	1°08'47
minimum elong	-7983 Aug 07 j 08:00	16°♊24'46	1°09'16
	-7983 Aug 25 j 14:07	0°♋	
morning rise	-7983 Oct 02 j 13:19	28°♋57'09	
	-7983 Oct 03 j 21:52	0°♌	
	-7983 Nov 11 j 12:11	0°♍	
desc. node	-7983 Dec 09 j 04:52	21°♍30'24	
	-7983 Dec 20 j 05:27	0°♎	
	-7982 Jan 28 j 23:26	0°♏	
	-7982 Mar 11 j 18:17	0°♐	
	-7982 Apr 26 j 01:42	0°♑	
	-7982 Jun 18 j 07:36	0°♒	
retrograde	-7982 Aug 17 j 12:25	17°♒21'44	
min. Earth dist.	-7982 Sep 24 j 16:59	8°♒12'42	0.65650 AU
opposition	-7982 Sep 26 j 12:08	7°♒29'13	-1°55'22
greatest brilliancy	-7982 Sep 26 j 09:45	7°♒31'37	-1.4m
	-7982 Oct 18 j 13:36	30°℞♑	
direct	-7982 Nov 04 j 23:37	28°♑00'31	
asc. node	-7982 Nov 16 j 03:25	28°♑45'15	
	-7982 Nov 23 j 15:13	0°♒	
	-7981 Feb 05 j 01:29	0°♓	
	-7981 Mar 28 j 22:11	0°♈	
	-7981 May 14 j 11:29	0°♉	
	-7981 Jun 26 j 15:01	0°♊	
evening set	-7981 Aug 06 j 22:21	0°♋29'41	
	-7981 Aug 06 j 06:39	0°♋	
	-7981 Sep 14 j 07:00	0°♌	
max. Earth dist.	-7981 Sep 20 j 23:17	5°♌12'49	2.38285 AU
conjunction	-7981 Oct 06 j 03:59	17°♌07'21	0°15'39
minimum elong	-7981 Oct 06 j 05:24	17°♌10'07	0°16'01
behind sun begin	-7981 Oct 06 j 00:10	16°♌59'51	
behind sun end	-7981 Oct 06 j 10:38	17°♌20'24	
	-7981 Oct 22 j 13:28	0°♍	
desc. node	-7981 Oct 26 j 22:43	3°♍26'35	
	-7981 Nov 29 j 23:48	0°♎	
morning rise	-7981 Dec 11 j 04:32	8°♎37'11	
	-7980 Jan 08 j 10:39	0°♏	
	-7980 Feb 18 j 16:17	0°♐	
	-7980 Apr 02 j 09:33	0°♑	
	-7980 May 19 j 13:04	0°♒	
	-7980 Jul 12 j 07:34	0°♓	
retrograde	-7980 Sep 20 j 12:58	21°♓26'06	
asc. node	-7980 Oct 03 j 07:56	20°♓22'05	
opposition	-7980 Oct 29 j 21:39	12°♓03'07	1°01'10
greatest brilliancy	-7980 Oct 29 j 22:47	12°♓02'00	-1.4m
min. Earth dist.	-7980 Oct 31 j 19:58	11°♓16'58	0.66277 AU
direct	-7980 Dec 09 j 18:40	2°♓05'42	
	-7979 Mar 02 j 12:20	0°♈	
	-7979 Apr 22 j 00:05	0°♉	
	-7979 Jun 05 j 08:25	0°♊	
	-7979 Jul 16 j 09:02	0°♋	
	-7979 Aug 24 j 11:35	0°♌	
desc. node	-7979 Sep 12 j 19:05	15°♌06'10	
	-7979 Oct 01 j 18:34	0°♍	
evening set	-7979 Oct 09 j 13:47	6°♍07'07	
	-7979 Nov 09 j 05:55	0°♎	
conjunction	-7979 Dec 12 j 02:19	25°♎00'48	-0°57'40
minimum elong	-7979 Dec 11 j 23:23	24°♎55'19	0°57'48
	-7979 Dec 18 j 18:32	0°♏	
max. Earth dist.	-7978 Jan 26 j 08:18	28°♏05'49	2.46947 AU
	-7978 Jan 29 j 00:33	0°♐	
morning rise	-7978 Feb 11 j 08:46	9°♐23'21	
	-7978 Mar 13 j 10:26	0°♑	
	-7978 Apr 28 j 05:14	0°♒	
	-7978 Jun 15 j 18:15	0°♓	
	-7978 Aug 08 j 05:09	0°♈	
asc. node	-7978 Aug 21 j 08:49	6°♈32'53	
retrograde	-7978 Oct 28 j 23:03	26°♈48'32	
opposition	-7978 Dec 05 j 14:06	18°♈19'48	3°54'54
greatest brilliancy	-7978 Dec 06 j 06:22	18°♈04'11	-1.6m
min. Earth dist.	-7978 Dec 11 j 04:34	16°♈10'45	0.60728 AU
direct	-7977 Jan 15 j 08:48	8°♈28'05	
	-7977 Mar 24 j 03:41	0°♉	
	-7977 May 12 j 19:57	0°♊	
	-7977 Jun 24 j 13:20	0°♋	
desc. node	-7977 Jul 31 j 17:50	27°♋55'52	
	-7977 Aug 03 j 10:39	0°♌	
	-7977 Sep 11 j 06:00	0°♍	
	-7977 Oct 20 j 04:17	0°♎	
	-7977 Nov 29 j 03:38	0°♏	
evening set	-7977 Dec 12 j 01:40	9°♏27'06	
	-7976 Jan 09 j 19:13	0°♐	
conjunction	-7976 Feb 06 j 10:03	19°♐09'02	-1°08'06
minimum elong	-7976 Feb 06 j 11:14	19°♐11'03	1°08'36
	-7976 Feb 22 j 10:17	0°♑	
max. Earth dist.	-7976 Mar 04 j 12:08	7°♑24'36	2.58381 AU
morning rise	-7976 Mar 30 j 04:19	24°♑18'16	
	-7976 Apr 07 j 22:56	0°♒	
	-7976 May 25 j 02:12	0°♓	
asc. node	-7976 Jul 08 j 04:58	27°♓15'10	
	-7976 Jul 12 j 17:45	0°♈	
	-7976 Sep 01 j 23:49	0°♉	
	-7976 Nov 02 j 09:19	0°♊	
retrograde	-7976 Dec 15 j 18:40	9°♊24'26	
opposition	-7975 Jan 19 j 05:41	2°♊25'52	6°00'32
greatest brilliancy	-7975 Jan 20 j 22:13	1°♊50'39	-2.1m
	-7975 Jan 26 j 05:49	30°℞♉	
min. Earth dist.	-7975 Jan 27 j 11:24	29°♉34'56	0.49751 AU
direct	-7975 Feb 26 j 07:43	23°♉52'38	
	-7975 Mar 29 j 23:31	0°♊	
	-7975 May 25 j 23:14	0°♋	
desc. node	-7975 Jun 17 j 20:24	15°♋19'45	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

	-7975 Jul 08 j 13:13	0°♌	
	-7975 Aug 18 j 06:45	0°♍	
	-7975 Sep 27 j 13:55	0°♎	
	-7975 Nov 07 j 16:14	0°♏	
	-7975 Dec 20 j 06:04	0°♐	
evening set	-7974 Jan 30 j 10:02	27°♐54'31	
	-7974 Feb 02 j 13:28	0°♑	
	-7974 Mar 20 j 09:25	0°♒	
conjunction	-7974 Mar 21 j 22:44	1°♒00'14	-0°35'40
minimum elong	-7974 Mar 22 j 00:04	1°♒02'23	0°36'08
max. Earth dist.	-7974 Mar 31 j 16:46	7°♒17'11	2.65183 AU
	-7974 May 06 j 04:50	0°♓	
morning rise	-7974 May 08 j 20:59	1°♓42'12	
asc. node	-7974 May 25 j 22:02	12°♓33'04	
	-7974 Jun 22 j 08:41	0°♈	
	-7974 Aug 08 j 13:23	0°♉	
	-7974 Sep 25 j 02:37	0°♊	
	-7974 Nov 13 j 11:04	0°♋	
	-7973 Jan 10 j 11:43	0°♌	
retrograde	-7973 Feb 23 j 23:08	10°♌24'21	
opposition	-7973 Mar 26 j 16:14	5°♌15'22	3°03'37
greatest brilliancy	-7973 Mar 27 j 05:35	5°♌06'13	-2.9m
min. Earth dist.	-7973 Mar 30 j 03:48	4°♌18'11	0.38813 AU
	-7973 Apr 20 j 22:09	30°℞♋	
direct	-7973 Apr 27 j 08:34	29°♋43'33	
	-7973 May 03 j 17:42	0°♌	
desc. node	-7973 May 06 j 02:12	0°♌14'18	
	-7973 Jul 15 j 21:49	0°♍	
	-7973 Aug 31 j 19:28	0°♎	
	-7973 Oct 15 j 11:23	0°♏	
	-7973 Nov 29 j 07:51	0°♐	
	-7972 Jan 14 j 02:42	0°♑	
	-7972 Feb 29 j 19:11	0°♒	
evening set	-7972 Mar 12 j 06:51	7°♒19'29	
asc. node	-7972 Apr 11 j 14:56	26°♒39'17	
	-7972 Apr 16 j 20:46	0°♓	
max. Earth dist.	-7972 Apr 23 j 18:37	4°♓24'51	2.66629 AU
conjunction	-7972 Apr 29 j 02:36	7°♓49'26	0°10'00
minimum elong	-7972 Apr 29 j 02:14	7°♓48'50	0°09'43
behind sun begin	-7972 Apr 28 j 10:37	7°♓23'52	
behind sun end	-7972 Apr 29 j 17:51	8°♓13'48	
	-7972 Jun 02 j 13:49	0°♈	
morning rise	-7972 Jun 14 j 04:43	7°♈32'54	
	-7972 Jul 18 j 08:25	0°♉	
	-7972 Aug 31 j 23:28	0°♊	
	-7972 Oct 14 j 14:13	0°♋	
	-7972 Nov 26 j 15:23	0°♌	
	-7971 Jan 09 j 01:10	0°♍	
	-7971 Feb 24 j 15:28	0°♎	
desc. node	-7971 Mar 23 j 05:23	14°♎16'54	
retrograde	-7971 May 07 j 11:09	26°♎25'48	
min. Earth dist.	-7971 Jun 03 j 14:52	21°♎38'50	0.42528 AU
greatest brilliancy	-7971 Jun 09 j 17:21	19°♎42'27	-2.6m
opposition	-7971 Jun 11 j 02:37	19°♎15'50	-5°01'17
direct	-7971 Jul 12 j 12:27	13°♎19'00	
	-7971 Sep 08 j 17:54	0°♏	
	-7971 Nov 02 j 22:02	0°♐	
	-7971 Dec 22 j 18:23	0°♑	
	-7970 Feb 09 j 10:25	0°♒	
asc. node	-7970 Feb 27 j 11:46	11°♒14'02	
	-7970 Mar 29 j 09:24	0°♓	
evening set	-7970 Apr 20 j 06:24	13°♓53'53	
	-7970 May 15 j 05:45	0°♈	
max. Earth dist.	-7970 May 18 j 21:54	2°♈23'33	2.62720 AU
conjunction	-7970 Jun 06 j 19:53	14°♈49'42	0°51'47
minimum elong	-7970 Jun 06 j 18:24	14°♈47'14	0°51'50
	-7970 Jun 29 j 11:54	0°♉	
morning rise	-7970 Jul 23 j 22:48	16°♉43'38	
	-7970 Aug 11 j 23:02	0°♊	
	-7970 Sep 22 j 18:18	0°♋	
	-7970 Nov 02 j 07:41	0°♌	
	-7970 Dec 12 j 06:02	0°♍	
	-7969 Jan 21 j 11:05	0°♎	
desc. node	-7969 Feb 08 j 04:29	12°♎54'23	
	-7969 Mar 04 j 11:11	0°♏	
	-7969 Apr 20 j 22:43	0°♐	
retrograde	-7969 Jun 26 j 23:55	22°♐49'41	
min. Earth dist.	-7969 Jul 28 j 20:50	15°♐57'49	0.54840 AU
opposition	-7969 Aug 04 j 17:10	13°♐20'28	-5°24'50
greatest brilliancy	-7969 Aug 03 j 12:19	13°♐48'11	-1.9m
direct	-7969 Sep 09 j 06:42	5°♐23'30	
	-7969 Nov 24 j 21:40	0°♑	
asc. node	-7968 Jan 15 j 12:39	28°♑07'29	
	-7968 Jan 18 j 18:35	0°♒	
	-7968 Mar 08 j 23:40	0°♓	
	-7968 Apr 25 j 15:18	0°♈	
evening set	-7968 May 29 j 21:17	22°♈32'27	
	-7968 Jun 09 j 22:14	0°♉	
max. Earth dist.	-7968 Jun 16 j 18:24	4°♉40'13	2.53860 AU
conjunction	-7968 Jul 18 j 22:51	27°♉09'54	1°12'15
minimum elong	-7968 Jul 18 j 22:43	27°♉09'39	1°12'40
	-7968 Jul 22 j 22:10	0°♊	
	-7968 Sep 01 j 22:11	0°♋	
morning rise	-7968 Sep 09 j 10:23	5°♋37'32	
	-7968 Oct 11 j 11:36	0°♌	
	-7968 Nov 19 j 07:34	0°♍	
desc. node	-7968 Dec 26 j 00:52	28°♍18'24	
	-7968 Dec 28 j 06:04	0°♎	
	-7967 Feb 06 j 06:20	0°♏	
	-7967 Mar 20 j 13:48	0°♐	
	-7967 May 06 j 11:37	0°♑	
	-7967 Jul 10 j 02:06	0°♒	
retrograde	-7967 Aug 03 j 18:56	3°♒38'23	
	-7967 Aug 26 j 18:17	30°℞♑	
min. Earth dist.	-7967 Sep 09 j 10:51	25°♑00'26	0.63740 AU
opposition	-7967 Sep 12 j 17:05	23°♑41'49	-3°01'16
greatest brilliancy	-7967 Sep 12 j 09:40	23°♑49'16	-1.5m
direct	-7967 Oct 21 j 07:19	14°♑31'54	
asc. node	-7967 Dec 02 j 16:52	23°♑29'33	
	-7967 Dec 18 j 17:47	0°♒	
	-7966 Feb 14 j 23:47	0°♓	
	-7966 Apr 05 j 22:31	0°♈	
	-7966 May 21 j 22:10	0°♉	
	-7966 Jul 03 j 22:22	0°♊	
evening set	-7966 Jul 16 j 06:49	8°♊57'12	
max. Earth dist.	-7966 Aug 05 j 23:22	24°♊15'24	2.41876 AU
	-7966 Aug 13 j 14:44	0°♋	
conjunction	-7966 Sep 10 j 23:34	21°♋40'39	0°43'55
minimum elong	-7966 Sep 11 j 02:18	21°♋45'56	0°44'24
	-7966 Sep 21 j 17:16	0°♌	
	-7966 Oct 30 j 02:00	0°♍	
desc. node	-7966 Nov 12 j 18:36	10°♍43'05	
morning rise	-7966 Nov 13 j 03:00	10°♍59'31	
	-7966 Dec 07 j 13:55	0°♎	
	-7965 Jan 16 j 01:53	0°♏	
	-7965 Feb 26 j 09:51	0°♐	
	-7965 Apr 11 j 11:13	0°♑	
	-7965 May 29 j 20:24	0°♒	
	-7965 Jul 29 j 12:03	0°♓	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

retrograde	-7965 Sep 07 j 19:42	8°♓27'42		
	-7965 Oct 14 j 15:29	30°♑≈		
opposition	-7965 Oct 17 j 13:14	28°≈50'15	-0°07'45	
greatest brilliancy	-7965 Oct 17 j 13:24	28°≈50'04	-1.4m	
min. Earth dist.	-7965 Oct 18 j 00:30	28°≈38'56	0.66776 AU	
asc. node	-7965 Oct 20 j 22:02	27°≈29'22		
direct	-7965 Nov 27 j 00:39	19°≈00'41		
	-7964 Jan 13 j 14:57	0°♓		
	-7964 Mar 13 j 04:48	0°♈		
	-7964 Apr 30 j 12:32	0°♉		
	-7964 Jun 13 j 05:42	0°♊		
	-7964 Jul 24 j 01:06	0°♋		
	-7964 Sep 01 j 01:37	0°♌		
evening set	-7964 Sep 13 j 06:12	9°♌32'02		
desc. node	-7964 Sep 29 j 13:08	22°♌19'38		
	-7964 Oct 09 j 07:24	0°♍		
conjunction	-7964 Nov 16 j 04:53	29°♍36'02	-0°34'26	
minimum elong	-7964 Nov 16 j 02:02	29°♍30'30	0°34'19	
	-7964 Nov 16 j 17:17	0°♎		
	-7964 Dec 26 j 04:01	0°♏		
max. Earth dist.	-7963 Jan 01 j 07:37	4°♏34'19	2.41936 AU	
morning rise	-7963 Jan 19 j 20:24	18°♏09'30		
	-7963 Feb 05 j 08:26	0°♐		
	-7963 Mar 20 j 18:44	0°♑		
	-7963 May 05 j 20:56	0°≈		
	-7963 Jun 24 j 14:10	0°♓		
	-7963 Aug 22 j 10:36	0°♈		
asc. node	-7963 Sep 07 j 00:30	5°♈55'54		
retrograde	-7963 Oct 13 j 05:59	12°♈45'08		
opposition	-7963 Nov 20 j 16:53	3°♈51'40	2°48'59	
greatest brilliancy	-7963 Nov 21 j 01:13	3°♈43'31	-1.5m	
min. Earth dist.	-7963 Nov 24 j 21:13	2°♈13'28	0.63649 AU	
	-7963 Nov 30 j 17:52	30°♑♓		
direct	-7963 Dec 31 j 17:51	23°♓51'59		
	-7962 Feb 03 j 05:48	0°♈		
	-7962 Apr 05 j 22:46	0°♉		
	-7962 May 22 j 11:00	0°♊		
	-7962 Jul 03 j 05:55	0°♋		
	-7962 Aug 11 j 16:49	0°♌		
desc. node	-7962 Aug 17 j 12:08	4°♌29'49		
	-7962 Sep 19 j 05:12	0°♍		
	-7962 Oct 27 j 21:17	0°♎		
evening set	-7962 Nov 18 j 19:42	16°♎41'55		
	-7962 Dec 06 j 14:40	0°♏		
conjunction	-7961 Jan 17 j 07:17	0°♐11'12	-1°11'23	
minimum elong	-7961 Jan 17 j 07:08	0°♐10'57	1°11'49	
	-7961 Jan 17 j 00:57	0°♐		
max. Earth dist.	-7961 Feb 20 j 21:19	24°♐09'47	2.54370 AU	
	-7961 Mar 01 j 12:17	0°♑		
morning rise	-7961 Mar 13 j 23:59	8°♑21'34		
	-7961 Apr 16 j 01:06	0°≈		
	-7961 Jun 02 j 12:39	0°♓		
	-7961 Jul 22 j 07:58	0°♈		
asc. node	-7961 Jul 25 j 21:59	2°♈04'50		
	-7961 Sep 15 j 13:23	0°♉		
retrograde	-7961 Nov 25 j 21:22	21°♉35'34		
opposition	-7961 Dec 31 j 18:45	13°♉56'07	5°24'41	
greatest brilliancy	-7960 Jan 02 j 02:37	13°♉26'56	-1.9m	
min. Earth dist.	-7960 Jan 08 j 06:41	11°♉11'41	0.54582 AU	
direct	-7960 Feb 09 j 08:39	4°♉38'48		
	-7960 Apr 21 j 21:49	0°♊		
	-7960 Jun 07 j 13:20	0°♋		
desc. node	-7960 Jul 04 j 13:49	19°♋22'29		
	-7960 Jul 18 j 21:53	0°♌		
	-7960 Aug 27 j 13:31	0°♍		
	-7960 Oct 06 j 02:57	0°♎		
	-7960 Nov 15 j 15:04	0°♏		
	-7960 Dec 27 j 17:28	0°♐		
evening set	-7959 Jan 12 j 04:27	10°♐41'48		
	-7959 Feb 09 j 16:16	0°♑		
conjunction	-7959 Mar 05 j 14:11	15°♑50'28	-0°51'00	
minimum elong	-7959 Mar 05 j 15:53	15°♑53'14	0°51'30	
max. Earth dist.	-7959 Mar 21 j 20:16	26°♑27'04	2.63134 AU	
	-7959 Mar 27 j 07:35	0°≈		
morning rise	-7959 Apr 24 j 00:23	17°≈48'34		
	-7959 May 13 j 03:54	0°♓		
asc. node	-7959 Jun 11 j 15:36	18°♓38'29		
	-7959 Jun 29 j 17:20	0°♈		
	-7959 Aug 16 j 23:16	0°♉		
	-7959 Oct 06 j 00:26	0°♊		
	-7959 Dec 02 j 09:52	0°♋		
retrograde	-7958 Jan 24 j 14:04	13°♋43'14		
opposition	-7958 Feb 25 j 13:28	7°♋59'07	5°22'11	
greatest brilliancy	-7958 Feb 27 j 00:59	7°♋32'24	-2.6m	
min. Earth dist.	-7958 Mar 04 j 16:38	5°♋51'14	0.42215 AU	
direct	-7958 Mar 31 j 21:51	1°♋15'36		
desc. node	-7958 May 22 j 17:19	16°♋24'26		
	-7958 Jun 15 j 21:35	0°♌		
	-7958 Jul 31 j 11:47	0°♍		
	-7958 Sep 12 j 05:08	0°♎		
	-7958 Oct 24 j 20:49	0°♏		
	-7958 Dec 07 j 12:43	0°♐		
	-7957 Jan 21 j 13:41	0°♑		
evening set	-7957 Feb 25 j 14:17	22°♑46'16		
	-7957 Mar 08 j 19:47	0°≈		
conjunction	-7957 Apr 15 j 04:17	23°≈54'27	-0°08'08	
minimum elong	-7957 Apr 15 j 04:36	23°≈54'57	0°08'29	
behind sun begin	-7957 Apr 14 j 11:45	23°≈28'04		
behind sun end	-7957 Apr 15 j 21:28	24°≈21'50		
max. Earth dist.	-7957 Apr 15 j 12:50	24°≈08'04	2.66694 AU	
	-7957 Apr 24 j 17:17	0°♓		
asc. node	-7957 Apr 29 j 09:07	2°♓58'37		
morning rise	-7957 May 31 j 16:12	23°♓39'37		
	-7957 Jun 10 j 12:39	0°♈		
	-7957 Jul 26 j 17:16	0°♉		
	-7957 Sep 10 j 03:53	0°♊		
	-7957 Oct 25 j 03:31	0°♋		
	-7957 Dec 09 j 11:15	0°♌		
	-7956 Jan 26 j 12:14	0°♍		
desc. node	-7956 Apr 08 j 21:50	27°♍58'20		
retrograde	-7956 Apr 11 j 20:00	28°♍01'49		
min. Earth dist.	-7956 May 09 j 08:01	23°♍29'11	0.38994 AU	
opposition	-7956 May 13 j 22:29	22°♍11'18	-2°39'14	
greatest brilliancy	-7956 May 13 j 09:38	22°♍20'24	-2.9m	
direct	-7956 Jun 13 j 05:17	16°♍58'16		
	-7956 Aug 01 j 16:16	0°♎		
	-7956 Sep 25 j 21:42	0°♏		
	-7956 Nov 13 j 12:45	0°♐		
	-7956 Dec 31 j 04:33	0°♑		
	-7955 Feb 16 j 20:49	0°≈		
asc. node	-7955 Mar 16 j 04:21	17°≈12'43		
evening set	-7955 Apr 05 j 03:28	29°≈51'02		
	-7955 Apr 05 j 09:07	0°♓		
max. Earth dist.	-7955 May 08 j 21:42	21°♓26'45	2.64872 AU	
conjunction	-7955 May 22 j 12:56	0°♈16'35	0°36'58	
minimum elong	-7955 May 22 j 11:41	0°♈14'34	0°36'53	
	-7955 May 22 j 02:43	0°♈		
	-7955 Jul 06 j 12:23	0°♉		
morning rise	-7955 Jul 07 j 21:02	0°♉54'56		

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

	-7955 Aug 19 j 08:08	0°♊	
	-7955 Sep 30 j 16:35	0°♋	
	-7955 Nov 10 j 22:33	0°♌	
	-7955 Dec 21 j 16:58	0°♍	
	-7954 Feb 01 j 01:37	0°♎	
desc. node	-7954 Feb 24 j 23:18	16°♎36'04	
	-7954 Mar 17 j 10:40	0°♏	
	-7954 May 16 j 23:07	0°♐	
retrograde	-7954 Jun 09 j 08:51	3°♐36'35	
	-7954 Jul 01 j 21:37	30°℞♏	
min. Earth dist.	-7954 Jul 09 j 01:23	27°♏37'04	0.50078 AU
greatest brilliancy	-7954 Jul 15 j 10:04	25°♏18'12	-2.1m
opposition	-7954 Jul 16 j 22:56	24°♏44'27	-5°52'29
direct	-7954 Aug 19 j 23:53	17°♏29'14	
	-7954 Oct 08 j 23:42	0°♐	
	-7954 Dec 06 j 23:17	0°♑	
	-7953 Jan 27 j 09:11	0°♒	
asc. node	-7953 Feb 01 j 03:26	2°♒51'39	
	-7953 Mar 17 j 11:06	0°♓	
	-7953 May 03 j 16:59	0°♈	
evening set	-7953 May 14 j 14:20	7°♈05'46	
max. Earth dist.	-7953 Jun 05 j 02:52	21°♈21'13	2.57850 AU
	-7953 Jun 17 j 22:30	0°♉	
conjunction	-7953 Jul 02 j 06:42	9°♉49'04	1°08'20
minimum elong	-7953 Jul 02 j 05:37	9°♉47'14	1°08'37
	-7953 Jul 31 j 01:37	0°♊	
morning rise	-7953 Aug 20 j 23:44	15°♊03'46	
	-7953 Sep 10 j 07:45	0°♋	
	-7953 Oct 20 j 04:35	0°♌	
	-7953 Nov 28 j 08:24	0°♍	
	-7952 Jan 06 j 15:02	0°♎	
desc. node	-7952 Jan 12 j 19:33	4°♎40'12	
	-7952 Feb 16 j 02:10	0°♏	
	-7952 Mar 30 j 08:53	0°♐	
	-7952 May 19 j 18:06	0°♑	
retrograde	-7952 Jul 20 j 12:05	19°♑02'04	
min. Earth dist.	-7952 Aug 24 j 10:49	11°♑00'43	0.60904 AU
opposition	-7952 Aug 29 j 03:52	9°♑08'12	-4°03'38
greatest brilliancy	-7952 Aug 28 j 13:10	9°♑22'50	-1.6m
direct	-7952 Oct 05 j 16:38	0°♑22'10	
asc. node	-7952 Dec 19 j 06:15	23°♑28'35	
	-7951 Jan 01 j 04:25	0°♒	
	-7951 Feb 23 j 18:49	0°♓	
	-7951 Apr 13 j 13:37	0°♈	
	-7951 May 29 j 04:53	0°♉	
evening set	-7951 Jun 26 j 13:56	19°♉37'17	
	-7951 Jul 11 j 04:03	0°♊	
max. Earth dist.	-7951 Jul 12 j 07:36	0°♊49'29	2.46641 AU
conjunction	-7951 Aug 19 j 02:59	28°♊37'58	1°02'43
minimum elong	-7951 Aug 19 j 05:00	28°♊41'47	1°03'13
	-7951 Aug 20 j 22:38	0°♋	
	-7951 Sep 29 j 04:20	0°♌	
morning rise	-7951 Oct 16 j 21:05	13°♌45'33	
	-7951 Nov 06 j 16:13	0°♍	
desc. node	-7951 Nov 29 j 14:55	17°♍53'13	
	-7951 Dec 15 j 06:43	0°♎	
	-7950 Jan 23 j 21:09	0°♏	
	-7950 Mar 06 j 10:04	0°♐	
	-7950 Apr 20 j 02:03	0°♑	
	-7950 Jun 09 j 18:11	0°♒	
retrograde	-7950 Aug 25 j 08:22	25°♒26'12	
min. Earth dist.	-7950 Oct 03 j 06:53	16°♒01'46	0.66325 AU
opposition	-7950 Oct 04 j 06:34	15°♒37'54	-1°16'04
greatest brilliancy	-7950 Oct 04 j 05:53	15°♒38'35	-1.4m
asc. node	-7950 Nov 06 j 11:07	6°♒17'56	
direct	-7950 Nov 13 j 03:19	6°♒00'37	
	-7949 Jan 28 j 15:03	0°♓	
	-7949 Mar 23 j 09:06	0°♈	
	-7949 May 09 j 11:47	0°♉	
	-7949 Jun 21 j 20:14	0°♊	
	-7949 Aug 01 j 13:37	0°♋	
evening set	-7949 Aug 20 j 03:06	14°♋08'59	
	-7949 Sep 09 j 14:10	0°♌	
desc. node	-7949 Oct 17 j 09:44	29°♌39'19	
	-7949 Oct 17 j 20:16	0°♍	
conjunction	-7949 Oct 21 j 03:10	2°♍34'56	-0°02'52
minimum elong	-7949 Oct 21 j 02:53	2°♍34'24	0°02'34
behind sun begin	-7949 Oct 19 j 23:36	1°♍40'50	
behind sun end	-7949 Oct 22 j 06:10	3°♍27'57	
max. Earth dist.	-7949 Nov 08 j 05:20	16°♍45'39	2.38164 AU
	-7949 Nov 25 j 05:53	0°♎	
morning rise	-7949 Dec 26 j 12:07	23°♎53'21	
	-7948 Jan 03 j 15:36	0°♏	
	-7948 Feb 13 j 19:23	0°♐	
	-7948 Mar 28 j 07:59	0°♑	
	-7948 May 13 j 22:37	0°♒	
	-7948 Jul 04 j 15:41	0°♓	
asc. node	-7948 Sep 23 j 14:23	29°♓14'18	
retrograde	-7948 Sep 28 j 15:42	29°♓23'42	
opposition	-7948 Nov 06 j 17:28	20°♓10'10	1°41'07
greatest brilliancy	-7948 Nov 06 j 20:26	20°♓07'14	-1.4m
min. Earth dist.	-7948 Nov 09 j 11:03	19°♓05'07	0.65605 AU
direct	-7948 Dec 17 j 17:13	10°♓10'15	
	-7947 Feb 22 j 07:17	0°♈	
	-7947 Apr 16 j 03:11	0°♉	
	-7947 May 31 j 02:37	0°♊	
	-7947 Jul 11 j 09:09	0°♋	
	-7947 Aug 19 j 14:20	0°♌	
desc. node	-7947 Sep 03 j 05:43	11°♌24'57	
	-7947 Sep 26 j 22:56	0°♍	
evening set	-7947 Oct 24 j 10:35	21°♍27'38	
	-7947 Nov 04 j 11:26	0°♎	
	-7947 Dec 14 j 00:51	0°♏	
conjunction	-7947 Dec 25 j 19:59	8°♏43'08	-1°05'45
minimum elong	-7947 Dec 25 j 17:57	8°♏39'24	1°06'01
	-7946 Jan 24 j 07:23	0°♐	
max. Earth dist.	-7946 Feb 05 j 15:41	8°♐41'49	2.49702 AU
morning rise	-7946 Feb 23 j 01:14	20°♐44'07	
	-7946 Mar 08 j 16:22	0°♑	
	-7946 Apr 23 j 07:17	0°♒	
	-7946 Jun 10 j 07:50	0°♓	
	-7946 Jul 31 j 23:56	0°♈	
asc. node	-7946 Aug 11 j 14:07	5°♈41'28	
	-7946 Oct 05 j 15:19	0°♉	
retrograde	-7946 Nov 07 j 13:49	5°♉42'53	
	-7946 Dec 07 j 19:36	30°℞♈	
opposition	-7946 Dec 14 j 15:27	27°♈29'53	4°30'20
greatest brilliancy	-7946 Dec 15 j 13:06	27°♈09'23	-1.7m
min. Earth dist.	-7946 Dec 20 j 23:19	25°♈06'02	0.58769 AU
direct	-7945 Jan 24 j 02:47	17°♈46'29	
	-7945 Mar 13 j 06:23	0°♉	
	-7945 May 06 j 02:12	0°♊	
	-7945 Jun 18 j 18:43	0°♋	
desc. node	-7945 Jul 22 j 05:34	24°♋48'44	
	-7945 Jul 29 j 01:32	0°♌	
	-7945 Sep 06 j 02:24	0°♍	
	-7945 Oct 15 j 04:40	0°♎	
	-7945 Nov 24 j 07:07	0°♏	
evening set	-7945 Dec 24 j 06:40	21°♏40'29	
	-7944 Jan 05 j 01:22	0°♐	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

conjunction	-7944 Feb 17 j 01:49	29°♐32'50	-1°03'11
minimum elong	-7944 Feb 17 j 03:23	29°♐35'28	1°03'42
	-7944 Feb 17 j 18:00	0°♑	
max. Earth dist.	-7944 Mar 11 j 02:39	14°♑52'22	2.60293 AU
	-7944 Apr 03 j 06:35	0°♒	
morning rise	-7944 Apr 08 j 11:51	3°♒22'32	
	-7944 May 20 j 05:56	0°♓	
asc. node	-7944 Jun 28 j 09:45	24°♓27'14	
	-7944 Jul 07 j 09:36	0°♈	
	-7944 Aug 26 j 06:05	0°♉	
	-7944 Oct 20 j 05:26	0°♊	
retrograde	-7944 Dec 28 j 23:57	21°♊08'24	
opposition	-7943 Jan 31 j 15:34	14°♊35'07	6°04'21
greatest brilliancy	-7943 Feb 02 j 09:52	13°♊59'51	-2.3m
min. Earth dist.	-7943 Feb 08 j 22:17	11°♊50'44	0.46994 AU
direct	-7943 Mar 09 j 13:55	6°♊35'40	
	-7943 May 15 j 21:29	0°♋	
desc. node	-7943 Jun 08 j 09:20	14°♋30'54	
	-7943 Jul 01 j 06:49	0°♌	
	-7943 Aug 12 j 01:27	0°♍	
	-7943 Sep 21 j 23:06	0°♎	
	-7943 Nov 02 j 11:01	0°♏	
	-7943 Dec 15 j 07:47	0°♐	
	-7942 Jan 28 j 19:44	0°♑	
evening set	-7942 Feb 09 j 05:17	7°♑31'07	
	-7942 Mar 15 j 18:20	0°♒	
conjunction	-7942 Mar 30 j 22:34	9°♒45'59	-0°25'51
minimum elong	-7942 Mar 30 j 23:34	9°♒47'36	0°26'17
max. Earth dist.	-7942 Apr 06 j 07:21	13°♒50'53	2.65952 AU
	-7942 May 01 j 13:45	0°♓	
asc. node	-7942 May 16 j 02:40	9°♓16'27	
morning rise	-7942 May 17 j 05:50	9°♓59'47	
	-7942 Jun 17 j 13:49	0°♈	
	-7942 Aug 03 j 08:21	0°♉	
	-7942 Sep 18 j 23:05	0°♊	
	-7942 Nov 05 j 04:41	0°♋	
	-7942 Dec 25 j 12:39	0°♌	
retrograde	-7941 Mar 13 j 17:59	27°♌33'36	
opposition	-7941 Apr 13 j 12:12	22°♌26'00	1°02'09
greatest brilliancy	-7941 Apr 13 j 14:16	22°♌24'37	-3.0m
min. Earth dist.	-7941 Apr 13 j 23:43	22°♌18'17	0.38029 AU
desc. node	-7941 Apr 26 j 13:18	19°♌13'08	
direct	-7941 May 14 j 00:27	17°♌17'17	
	-7941 Jun 30 j 22:31	0°♍	
	-7941 Aug 23 j 08:21	0°♎	
	-7941 Oct 08 j 23:49	0°♏	
	-7941 Nov 23 j 19:13	0°♐	
	-7940 Jan 09 j 02:27	0°♑	
	-7940 Feb 25 j 01:52	0°♒	
evening set	-7940 Mar 21 j 00:58	15°♒51'27	
asc. node	-7940 Apr 01 j 20:54	23°♒22'43	
	-7940 Apr 12 j 06:33	0°♓	
max. Earth dist.	-7940 Apr 29 j 06:41	10°♓51'46	2.66240 AU
conjunction	-7940 May 07 j 14:27	16°♓12'03	0°20'12
minimum elong	-7940 May 07 j 13:43	16°♓10'52	0°20'00
	-7940 May 28 j 23:37	0°♈	
morning rise	-7940 Jun 22 j 15:29	16°♈06'22	
	-7940 Jul 13 j 14:58	0°♉	
	-7940 Aug 26 j 22:27	0°♊	
	-7940 Oct 09 j 00:48	0°♋	
	-7940 Nov 20 j 06:47	0°♌	
	-7939 Jan 01 j 10:01	0°♍	
	-7939 Feb 14 j 02:39	0°♎	
desc. node	-7939 Mar 13 j 16:04	17°♎10'29	
	-7939 Apr 07 j 01:15	0°♏	
retrograde	-7939 May 20 j 07:53	11°♏16'13	
min. Earth dist.	-7939 Jun 17 j 02:14	6°♏07'45	0.45110 AU
greatest brilliancy	-7939 Jun 23 j 14:47	3°♏56'11	-2.4m
opposition	-7939 Jun 25 j 05:15	3°♏23'38	-5°39'33
	-7939 Jul 06 j 03:01	30°℞♎	
direct	-7939 Jul 27 j 12:43	26°♎57'54	
	-7939 Aug 19 j 01:42	0°♏	
	-7939 Oct 26 j 00:32	0°♐	
	-7939 Dec 16 j 21:48	0°♑	
	-7938 Feb 04 j 08:44	0°♒	
asc. node	-7938 Feb 17 j 18:13	8°♒15'06	
	-7938 Mar 24 j 16:02	0°♓	
evening set	-7938 Apr 29 j 00:26	22°♓28'37	
	-7938 May 10 j 15:35	0°♈	
max. Earth dist.	-7938 May 25 j 00:53	9°♈24'09	2.61207 AU
conjunction	-7938 Jun 15 j 20:00	23°♈52'57	0°58'59
minimum elong	-7938 Jun 15 j 18:33	23°♈50'31	0°59'07
	-7938 Jun 24 j 21:50	0°♉	
morning rise	-7938 Aug 02 j 15:30	26°♉44'34	
	-7938 Aug 07 j 06:19	0°♊	
	-7938 Sep 17 j 21:02	0°♋	
	-7938 Oct 28 j 04:06	0°♌	
	-7938 Dec 06 j 18:46	0°♍	
	-7937 Jan 15 j 13:37	0°♎	
desc. node	-7937 Jan 29 j 15:59	10°♎26'29	
	-7937 Feb 25 j 19:07	0°♏	
	-7937 Apr 11 j 23:39	0°♐	
	-7937 Jun 14 j 02:05	0°♑	
retrograde	-7937 Jul 06 j 07:51	3°♑08'43	
	-7937 Jul 27 j 07:12	30°℞♐	
min. Earth dist.	-7937 Aug 08 j 08:15	25°♐50'02	0.57199 AU
greatest brilliancy	-7937 Aug 13 j 11:18	23°♐49'59	-1.8m
opposition	-7937 Aug 14 j 10:57	23°♐26'51	-4°58'56
direct	-7937 Sep 19 j 18:10	15°♐10'26	
	-7937 Nov 15 j 01:00	0°♑	
asc. node	-7936 Jan 05 j 19:10	26°♑09'43	
	-7936 Jan 12 j 16:25	0°♒	
	-7936 Mar 03 j 20:51	0°♓	
	-7936 Apr 20 j 21:19	0°♈	
	-7936 Jun 05 j 07:25	0°♉	
evening set	-7936 Jun 08 j 14:48	2°♉15'05	
max. Earth dist.	-7936 Jun 25 j 02:29	13°♉36'45	2.51398 AU
	-7936 Jul 18 j 07:19	0°♊	
conjunction	-7936 Jul 29 j 17:00	8°♊13'16	1°11'17
minimum elong	-7936 Jul 29 j 17:36	8°♊14'22	1°11'46
	-7936 Aug 28 j 05:43	0°♋	
morning rise	-7936 Sep 22 j 03:50	18°♋51'17	
	-7936 Oct 06 j 16:26	0°♌	
	-7936 Nov 14 j 09:20	0°♍	
desc. node	-7936 Dec 16 j 10:56	24°♍49'51	
	-7936 Dec 23 j 04:28	0°♎	
	-7935 Jan 31 j 23:53	0°♏	
	-7935 Mar 14 j 21:54	0°♐	
	-7935 Apr 29 j 16:02	0°♑	
	-7935 Jun 24 j 12:05	0°♒	
retrograde	-7935 Aug 11 j 18:31	12°♒01'53	
min. Earth dist.	-7935 Sep 18 j 06:42	3°♒06'09	0.64905 AU
opposition	-7935 Sep 20 j 17:32	2°♒06'51	-2°23'17
greatest brilliancy	-7935 Sep 20 j 13:15	2°♒11'10	-1.4m
	-7935 Sep 26 j 01:07	30°℞♑	
direct	-7935 Oct 29 j 19:27	22°♑46'04	
asc. node	-7935 Nov 22 j 23:53	26°♑00'12	
	-7935 Dec 06 j 10:12	0°♒	
	-7934 Feb 08 j 17:05	0°♓	
	-7934 Mar 31 j 17:50	0°♈	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

	-7934 May 17 j 02:34	0°♉	
	-7934 Jun 29 j 05:50	0°♊	
evening set	-7934 Jul 28 j 06:46	21°♊15'00	
	-7934 Aug 08 j 22:49	0°♋	
max. Earth dist.	-7934 Aug 26 j 05:50	13°♋09'45	2.39582 AU
	-7934 Sep 17 j 00:31	0°♌	
conjunction	-7934 Sep 24 j 22:14	6°♌09'51	0°28'51
minimum elong	-7934 Sep 25 j 00:31	6°♌14'19	0°29'17
	-7934 Oct 25 j 07:58	0°♍	
desc. node	-7934 Nov 03 j 04:36	6°♍56'52	
morning rise	-7934 Nov 28 j 23:46	27°♍04'19	
	-7934 Dec 02 j 18:32	0°♎	
	-7933 Jan 11 j 04:49	0°♏	
	-7933 Feb 21 j 10:00	0°♐	
	-7933 Apr 06 j 04:31	0°♑	
	-7933 May 23 j 16:32	0°♒	
	-7933 Jul 18 j 07:47	0°♓	
retrograde	-7933 Sep 15 j 17:15	16°♓21'04	
asc. node	-7933 Oct 11 j 05:01	12°♓05'05	
opposition	-7933 Oct 25 j 05:43	6°♓51'16	0°32'21
greatest brilliancy	-7933 Oct 25 j 06:03	6°♓50'56	-1.4m
min. Earth dist.	-7933 Oct 26 j 12:18	6°♓20'40	0.66616 AU
	-7933 Nov 13 j 07:47	30°℞♒	
direct	-7933 Dec 04 j 22:20	26°♒56'52	
	-7933 Dec 28 j 07:14	0°♓	
	-7932 Mar 06 j 13:43	0°♈	
	-7932 Apr 25 j 02:47	0°♉	
	-7932 Jun 08 j 05:38	0°♊	
	-7932 Jul 19 j 05:06	0°♋	
	-7932 Aug 27 j 07:13	0°♌	
desc. node	-7932 Sep 20 j 00:25	18°♌33'59	
evening set	-7932 Sep 28 j 00:19	24°♌51'02	
	-7932 Oct 04 j 13:37	0°♍	
	-7932 Nov 11 j 23:46	0°♎	
conjunction	-7932 Dec 01 j 00:55	14°♎37'19	-0°48'55
minimum elong	-7932 Nov 30 j 21:40	14°♎31'07	0°48'57
	-7932 Dec 21 j 10:24	0°♏	
max. Earth dist.	-7931 Jan 16 j 20:03	19°♏24'34	2.44666 AU
	-7931 Jan 31 j 14:21	0°♐	
morning rise	-7931 Feb 01 j 22:46	0°♐57'33	
	-7931 Mar 15 j 22:44	0°♑	
	-7931 Apr 30 j 18:49	0°♒	
	-7931 Jun 18 j 16:26	0°♓	
	-7931 Aug 12 j 17:40	0°♈	
asc. node	-7931 Aug 28 j 06:28	7°♈08'21	
retrograde	-7931 Oct 22 j 03:08	21°♈08'44	
opposition	-7931 Nov 29 j 03:02	12°♈28'24	3°27'22
greatest brilliancy	-7931 Nov 29 j 15:34	12°♈16'15	-1.5m
min. Earth dist.	-7931 Dec 04 j 02:12	10°♈32'49	0.62145 AU
direct	-7930 Jan 09 j 00:48	2°♈32'00	
	-7930 Mar 29 j 09:03	0°♉	
	-7930 May 16 j 12:41	0°♊	
	-7930 Jun 27 j 20:40	0°♋	
	-7930 Aug 06 j 13:38	0°♌	
desc. node	-7930 Aug 07 j 22:44	1°♌03'45	
	-7930 Sep 14 j 05:44	0°♍	
	-7930 Oct 23 j 00:43	0°♎	
	-7930 Dec 01 j 20:17	0°♏	
evening set	-7930 Dec 02 j 06:18	0°♏18'32	
	-7929 Jan 12 j 08:12	0°♐	
conjunction	-7929 Jan 28 j 23:50	11°♐39'10	-1°10'22
minimum elong	-7929 Jan 29 j 00:33	11°♐40'24	1°10'51
	-7929 Feb 24 j 20:10	0°♑	
max. Earth dist.	-7929 Feb 28 j 08:06	2°♑21'10	2.56669 AU
morning rise	-7929 Mar 23 j 23:52	18°♑03'38	
	-7929 Apr 11 j 07:36	0°♒	
	-7929 May 28 j 13:01	0°♓	
asc. node	-7929 Jul 16 j 03:17	29°♓43'33	
	-7929 Jul 16 j 14:18	0°♈	
	-7929 Sep 07 j 03:42	0°♉	
	-7929 Nov 19 j 07:21	0°♊	
retrograde	-7929 Dec 07 j 09:02	1°♊52'02	
	-7929 Dec 24 j 10:22	30°℞♉	
opposition	-7928 Jan 11 j 12:07	24°♉34'08	5°47'58
greatest brilliancy	-7928 Jan 13 j 01:16	24°♉00'58	-2.0m
min. Earth dist.	-7928 Jan 19 j 11:35	21°♉43'54	0.51963 AU
direct	-7928 Feb 19 j 07:31	15°♉38'40	
	-7928 Apr 10 j 14:42	0°♊	
	-7928 May 31 j 06:08	0°♋	
desc. node	-7928 Jun 25 j 00:26	17°♋10'59	
	-7928 Jul 12 j 16:52	0°♌	
	-7928 Aug 21 j 21:15	0°♍	
	-7928 Sep 30 j 19:20	0°♎	
	-7928 Nov 10 j 13:53	0°♏	
	-7928 Dec 22 j 21:17	0°♐	
evening set	-7927 Jan 22 j 18:50	21°♐08'45	
	-7927 Feb 04 j 23:33	0°♑	
conjunction	-7927 Mar 15 j 01:52	25°♑03'58	-0°42'24
minimum elong	-7927 Mar 15 j 03:24	25°♑06'27	0°42'54
	-7927 Mar 22 j 16:30	0°♒	
max. Earth dist.	-7927 Mar 27 j 16:22	3°♒13'43	2.64376 AU
morning rise	-7927 May 02 j 14:28	26°♒15'21	
	-7927 May 08 j 11:32	0°♓	
asc. node	-7927 Jun 01 j 21:12	15°♓29'46	
	-7927 Jun 24 j 19:08	0°♈	
	-7927 Aug 11 j 09:49	0°♉	
	-7927 Sep 28 j 20:57	0°♊	
	-7927 Nov 19 j 14:46	0°♋	
retrograde	-7926 Feb 10 j 08:22	28°♋38'06	
opposition	-7926 Mar 13 j 10:46	23°♋17'05	4°17'00
greatest brilliancy	-7926 Mar 14 j 11:13	22°♋59'43	-2.7m
min. Earth dist.	-7926 Mar 18 j 21:28	21°♋44'26	0.40068 AU
direct	-7926 Apr 15 j 07:07	17°♋15'59	
desc. node	-7926 May 13 j 06:14	22°♋13'06	
	-7926 Jun 01 j 06:55	0°♌	
	-7926 Jul 22 j 21:26	0°♍	
	-7926 Sep 05 j 10:46	0°♎	
	-7926 Oct 19 j 01:10	0°♏	
	-7926 Dec 02 j 06:40	0°♐	
	-7925 Jan 16 j 16:07	0°♑	
	-7925 Mar 04 j 03:17	0°♒	
evening set	-7925 Mar 06 j 16:20	1°♒37'43	
asc. node	-7925 Apr 19 j 13:55	29°♒39'36	
	-7925 Apr 20 j 02:42	0°♓	
max. Earth dist.	-7925 Apr 20 j 23:16	0°♓32'50	2.66770 AU
conjunction	-7925 Apr 23 j 18:53	2°♓20'45	0°02'26
minimum elong	-7925 Apr 23 j 18:50	2°♓20'40	0°02'09
behind sun begin	-7925 Apr 22 j 23:27	1°♓49'44	
behind sun end	-7925 Apr 24 j 14:13	2°♓51'35	
	-7925 Jun 05 j 20:58	0°♈	
morning rise	-7925 Jun 08 j 23:44	2°♈00'51	
	-7925 Jul 21 j 20:15	0°♉	
	-7925 Sep 04 j 19:47	0°♊	
	-7925 Oct 19 j 00:04	0°♋	
	-7925 Dec 01 j 21:25	0°♌	
	-7924 Jan 15 j 18:32	0°♍	
	-7924 Mar 06 j 15:59	0°♎	
desc. node	-7924 Mar 30 j 10:15	10°♎01'38	
retrograde	-7924 Apr 26 j 19:14	14°♎51'14	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

min. Earth dist.	-7924 May 23 j 19:29	10°♎16'05	0.40701 AU
greatest brilliancy	-7924 May 29 j 06:08	8°♎37'37	-2.7m
opposition	-7924 May 30 j 07:49	8°♎18'07	-4°12'28
direct	-7924 Jun 30 j 02:46	2°♎43'23	
	-7924 Sep 16 j 11:50	0°♏	
	-7924 Nov 07 j 00:18	0°♐	
	-7924 Dec 25 j 18:14	0°♑	
	-7923 Feb 11 j 22:51	0°♒	
asc. node	-7923 Mar 06 j 09:34	14°♒03'08	
	-7923 Mar 31 j 16:58	0°♓	
evening set	-7923 Apr 13 j 19:43	8°♓19'31	
max. Earth dist.	-7923 May 14 j 15:59	28°♓08'26	2.63793 AU
	-7923 May 17 j 12:42	0°♈	
conjunction	-7923 May 31 j 06:06	8°♈57'53	0°45'50
minimum elong	-7923 May 31 j 04:42	8°♈55'35	0°45'50
	-7923 Jul 01 j 21:15	0°♉	
morning rise	-7923 Jul 16 j 22:30	10°♉12'46	
	-7923 Aug 14 j 12:53	0°♊	
	-7923 Sep 25 j 14:28	0°♋	
	-7923 Nov 05 j 11:06	0°♌	
	-7923 Dec 15 j 17:24	0°♍	
	-7922 Jan 25 j 08:17	0°♎	
desc. node	-7922 Feb 15 j 09:43	15°♎05'40	
	-7922 Mar 09 j 01:41	0°♏	
	-7922 Apr 28 j 06:23	0°♐	
retrograde	-7922 Jun 19 j 17:06	15°♐17'14	
min. Earth dist.	-7922 Jul 20 j 14:37	8°♐47'45	0.52766 AU
opposition	-7922 Jul 27 j 22:57	6°♐01'57	-5°40'22
greatest brilliancy	-7922 Jul 26 j 14:15	6°♐32'52	-2.0m
	-7922 Aug 16 j 08:03	30°℞♏	
direct	-7922 Aug 31 j 20:23	28°♏22'29	
	-7922 Sep 17 j 04:14	0°♐	
	-7922 Nov 29 j 15:29	0°♑	
	-7921 Jan 21 j 19:38	0°♒	
asc. node	-7921 Jan 22 j 09:43	0°♒20'44	
	-7921 Mar 12 j 12:32	0°♓	
	-7921 Apr 29 j 00:39	0°♈	
evening set	-7921 May 23 j 19:54	16°♈14'11	
max. Earth dist.	-7921 Jun 12 j 07:18	29°♈17'54	2.55734 AU
	-7921 Jun 13 j 08:07	0°♉	
conjunction	-7921 Jul 12 j 04:26	19°♉54'48	1°11'21
minimum elong	-7921 Jul 12 j 03:50	19°♉53'45	1°11'43
	-7921 Jul 26 j 10:31	0°♊	
morning rise	-7921 Sep 01 j 06:45	26°♊48'06	
	-7921 Sep 05 j 14:10	0°♋	
	-7921 Oct 15 j 07:20	0°♌	
	-7921 Nov 23 j 06:38	0°♍	
	-7920 Jan 01 j 08:05	0°♎	
desc. node	-7920 Jan 03 j 06:38	1°♎28'30	
	-7920 Feb 10 j 11:28	0°♏	
	-7920 Mar 24 j 01:30	0°♐	
	-7920 May 10 j 22:44	0°♑	
retrograde	-7920 Jul 28 j 20:05	27°♑58'00	
min. Earth dist.	-7920 Sep 02 j 17:46	19°♑35'36	0.62576 AU
opposition	-7920 Sep 06 j 15:37	18°♑01'29	-3°28'10
greatest brilliancy	-7920 Sep 06 j 05:15	18°♑11'53	-1.5m
direct	-7920 Oct 14 j 18:33	9°♑01'38	
asc. node	-7920 Dec 09 j 13:25	23°♑22'21	
	-7920 Dec 24 j 03:00	0°♒	
	-7919 Feb 18 j 02:40	0°♓	
	-7919 Apr 08 j 13:50	0°♈	
	-7919 May 24 j 11:06	0°♉	
	-7919 Jul 06 j 12:01	0°♊	
evening set	-7919 Jul 07 j 13:42	0°♊46'07	
max. Earth dist.	-7919 Jul 25 j 01:24	13°♊28'34	2.43972 AU
	-7919 Aug 16 j 06:27	0°♋	
conjunction	-7919 Aug 31 j 18:21	11°♋45'08	0°53'18
minimum elong	-7919 Aug 31 j 20:57	11°♋50'07	0°53'48
	-7919 Sep 24 j 11:01	0°♌	
morning rise	-7919 Nov 01 j 00:10	29°♌18'49	
	-7919 Nov 01 j 21:13	0°♍	
desc. node	-7919 Nov 20 j 00:55	14°♍11'10	
	-7919 Dec 10 j 09:55	0°♎	
	-7918 Jan 18 j 21:58	0°♏	
	-7918 Mar 01 j 06:18	0°♐	
	-7918 Apr 14 j 11:13	0°♑	
	-7918 Jun 02 j 12:27	0°♒	
	-7918 Aug 08 j 20:28	0°♓	
retrograde	-7918 Sep 02 j 03:07	3°♓22'34	
	-7918 Sep 24 j 14:00	30°℞♒	
opposition	-7918 Oct 11 j 22:41	23°♒39'45	-0°36'24
greatest brilliancy	-7918 Oct 11 j 22:49	23°♒39'36	-1.4m
min. Earth dist.	-7918 Oct 11 j 18:12	23°♒44'16	0.66688 AU
asc. node	-7918 Oct 27 j 18:41	17°♒47'34	
direct	-7918 Nov 21 j 03:38	13°♒55'10	
	-7917 Jan 19 j 21:03	0°♓	
	-7917 Mar 17 j 13:20	0°♈	
	-7917 May 04 j 09:15	0°♉	
	-7917 Jun 16 j 23:41	0°♊	
	-7917 Jul 27 j 19:10	0°♋	
evening set	-7917 Sep 03 j 02:57	28°♋39'39	
	-7917 Sep 04 j 20:12	0°♌	
desc. node	-7917 Oct 07 j 18:31	25°♌49'14	
	-7917 Oct 13 j 02:06	0°♍	
conjunction	-7917 Nov 05 j 11:25	18°♍20'03	-0°21'23
minimum elong	-7917 Nov 05 j 09:29	18°♍16'16	0°21'11
	-7917 Nov 20 j 11:30	0°♎	
max. Earth dist.	-7917 Dec 15 j 14:00	19°♎14'40	2.39917 AU
	-7917 Dec 29 j 20:55	0°♏	
morning rise	-7916 Jan 10 j 04:55	8°♏25'02	
	-7916 Feb 08 j 23:42	0°♐	
	-7916 Mar 23 j 09:22	0°♑	
	-7916 May 08 j 14:25	0°♒	
	-7916 Jun 27 j 22:19	0°♓	
	-7916 Aug 29 j 23:46	0°♈	
asc. node	-7916 Sep 13 j 21:32	4°♈26'44	
retrograde	-7916 Oct 06 j 22:52	7°♈25'31	
	-7916 Nov 10 j 12:23	30°℞♓	
opposition	-7916 Nov 14 j 16:27	28°♓22'34	2°20'31
greatest brilliancy	-7916 Nov 14 j 22:07	28°♓16'59	-1.4m
min. Earth dist.	-7916 Nov 18 j 05:04	26°♓59'08	0.64648 AU
direct	-7916 Dec 25 j 17:04	18°♓21'56	
	-7915 Feb 12 j 00:31	0°♈	
	-7915 Apr 09 j 21:01	0°♉	
	-7915 May 25 j 17:12	0°♊	
	-7915 Jul 06 j 07:24	0°♋	
	-7915 Aug 14 j 16:05	0°♌	
desc. node	-7915 Aug 24 j 16:37	7°♌47'25	
	-7915 Sep 22 j 02:29	0°♍	
	-7915 Oct 30 j 16:17	0°♎	
evening set	-7915 Nov 08 j 00:53	6°♎25'00	
	-7915 Dec 09 j 06:48	0°♏	
conjunction	-7914 Jan 07 j 21:56	21°♏39'56	-1°10'12
minimum elong	-7914 Jan 07 j 21:01	21°♏38'18	1°10'34
	-7914 Jan 19 j 14:02	0°♐	
max. Earth dist.	-7914 Feb 14 j 20:13	18°♐20'22	2.52356 AU
	-7914 Mar 03 j 22:59	0°♑	
morning rise	-7914 Mar 06 j 02:59	1°♑27'39	
	-7914 Apr 18 j 11:13	0°♒	

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

	-7914 Jun 05 j 02:35	0°♓	
	-7914 Jul 25 j 13:03	0°♈	
asc. node	-7914 Aug 01 j 19:53	4°♈07'17	
	-7914 Sep 21 j 12:46	0°♉	
retrograde	-7914 Nov 17 j 18:17	15°♉00'37	
opposition	-7914 Dec 24 j 04:47	7°♉05'15	5°02'41
greatest brilliancy	-7914 Dec 25 j 08:06	6°♉39'47	-1.8m
min. Earth dist.	-7914 Dec 31 j 04:25	4°♉29'11	0.56556 AU
	-7913 Jan 14 j 07:14	30°♑℞♈	
direct	-7913 Feb 02 j 05:08	27°♈34'24	
	-7913 Feb 22 j 00:25	0°♉	
	-7913 Apr 28 j 11:37	0°♊	
	-7913 Jun 12 j 15:21	0°♋	
desc. node	-7913 Jul 12 j 18:10	21°♋57'03	
	-7913 Jul 23 j 11:51	0°♌	
	-7913 Aug 31 j 20:07	0°♍	
	-7913 Oct 10 j 03:34	0°♎	
	-7913 Nov 19 j 10:03	0°♏	
	-7913 Dec 31 j 07:15	0°♐	
evening set	-7912 Jan 04 j 20:42	3°♐11'12	
	-7912 Feb 13 j 01:58	0°♑	
conjunction	-7912 Feb 27 j 06:43	9°♑28'08	-0°56'35
minimum elong	-7912 Feb 27 j 08:26	9°♑30'58	0°57'07
max. Earth dist.	-7912 Mar 17 j 10:48	22°♑04'56	2.61961 AU
	-7912 Mar 29 j 14:51	0°♒	
morning rise	-7912 Apr 17 j 12:32	12°♒11'06	
	-7912 May 15 j 11:36	0°♓	
asc. node	-7912 Jun 18 j 14:00	21°♓27'52	
	-7912 Jul 02 j 06:21	0°♈	
	-7912 Aug 20 j 02:29	0°♉	
	-7912 Oct 10 j 18:16	0°♊	
	-7912 Dec 17 j 05:03	0°♋	
retrograde	-7911 Jan 12 j 11:14	3°♋51'26	
	-7911 Feb 06 j 19:15	30°♑℞♊	
opposition	-7911 Feb 14 j 05:03	27°♊45'34	5°49'33
greatest brilliancy	-7911 Feb 15 j 21:38	27°♊13'32	-2.4m
min. Earth dist.	-7911 Feb 22 j 03:20	25°♊16'32	0.44266 AU
direct	-7911 Mar 21 j 19:21	20°♊26'33	
	-7911 Apr 30 j 18:32	0°♋	
desc. node	-7911 May 29 j 21:22	15°♋03'55	
	-7911 Jun 22 j 19:00	0°♌	
	-7911 Aug 05 j 06:35	0°♍	
	-7911 Sep 16 j 00:47	0°♎	
	-7911 Oct 28 j 01:54	0°♏	
	-7911 Dec 10 j 07:22	0°♐	
	-7910 Jan 24 j 01:10	0°♑	
evening set	-7910 Feb 18 j 17:17	16°♑48'10	
	-7910 Mar 11 j 02:56	0°♒	
conjunction	-7910 Apr 08 j 18:30	18°♒22'43	-0°15'38
minimum elong	-7910 Apr 08 j 19:08	18°♒23'43	0°16'01
max. Earth dist.	-7910 Apr 11 j 20:14	20°♒20'33	2.66465 AU
	-7910 Apr 26 j 23:00	0°♓	
asc. node	-7910 May 06 j 07:25	5°♓58'18	
morning rise	-7910 May 25 j 13:40	18°♓16'59	
	-7910 Jun 12 j 20:27	0°♈	
	-7910 Jul 29 j 07:00	0°♉	
	-7910 Sep 13 j 05:12	0°♊	
	-7910 Oct 29 j 01:16	0°♋	
	-7910 Dec 14 j 23:50	0°♌	
	-7909 Feb 05 j 19:57	0°♍	
retrograde	-7909 Mar 31 j 04:41	15°♍09'27	
desc. node	-7909 Apr 17 j 01:43	13°♍20'12	
min. Earth dist.	-7909 Apr 28 j 22:25	10°♍25'49	0.38175 AU
opposition	-7909 May 01 j 09:58	9°♍45'28	-1°08'02
greatest brilliancy	-7909 May 01 j 06:21	9°♍47'55	-2.9m
direct	-7909 May 31 j 12:32	4°♍41'34	
	-7909 Aug 12 j 16:49	0°♎	
	-7909 Oct 01 j 19:45	0°♏	
	-7909 Nov 17 j 23:23	0°♐	
	-7908 Jan 03 j 22:51	0°♑	
	-7908 Feb 20 j 06:41	0°♒	
asc. node	-7908 Mar 23 j 02:01	20°♒07'26	
evening set	-7908 Mar 29 j 17:59	24°♒21'03	
	-7908 Apr 07 j 15:20	0°♓	
max. Earth dist.	-7908 May 04 j 20:05	17°♓22'51	2.65581 AU
conjunction	-7908 May 16 j 04:10	24°♓41'09	0°30'07
minimum elong	-7908 May 16 j 03:07	24°♓39'27	0°29'59
	-7908 May 24 j 09:05	0°♈	
morning rise	-7908 Jul 01 j 07:27	24°♈55'42	
	-7908 Jul 08 j 21:46	0°♉	
	-7908 Aug 21 j 23:18	0°♊	
	-7908 Oct 03 j 15:48	0°♋	
	-7908 Nov 14 j 07:57	0°♌	
	-7908 Dec 25 j 14:45	0°♍	
	-7907 Feb 05 j 18:05	0°♎	
desc. node	-7907 Mar 04 j 04:02	17°♎43'58	
	-7907 Mar 24 j 00:52	0°♏	
retrograde	-7907 Jun 01 j 02:48	24°♏47'04	
min. Earth dist.	-7907 Jun 29 j 20:16	19°♏11'13	0.47838 AU
greatest brilliancy	-7907 Jul 06 j 09:00	16°♏53'11	-2.2m
opposition	-7907 Jul 07 j 23:43	16°♏18'48	-5°53'53
direct	-7907 Aug 10 j 06:56	9°♏24'55	
	-7907 Oct 16 j 12:43	0°♐	
	-7907 Dec 10 j 15:49	0°♑	
	-7906 Jan 30 j 03:07	0°♒	
asc. node	-7906 Feb 08 j 00:22	5°♒24'04	
	-7906 Mar 19 j 20:45	0°♓	
	-7906 May 06 j 00:34	0°♈	
evening set	-7906 May 07 j 21:24	1°♈12'45	
max. Earth dist.	-7906 May 31 j 08:56	16°♈37'50	2.59437 AU
	-7906 Jun 20 j 07:15	0°♉	
conjunction	-7906 Jun 25 j 03:05	3°♉16'42	1°04'55
minimum elong	-7906 Jun 25 j 01:48	3°♉14'31	1°05'09
	-7906 Aug 02 j 13:41	0°♊	
morning rise	-7906 Aug 12 j 21:14	7°♊21'21	
	-7906 Sep 13 j 00:13	0°♋	
	-7906 Oct 23 j 01:59	0°♌	
	-7906 Dec 01 j 10:21	0°♍	
	-7905 Jan 09 j 21:32	0°♎	
desc. node	-7905 Jan 20 j 01:01	7°♎36'07	
	-7905 Feb 19 j 14:35	0°♏	
	-7905 Apr 04 j 10:46	0°♐	
	-7905 May 27 j 12:57	0°♑	
retrograde	-7905 Jul 15 j 04:29	12°♑50'43	
min. Earth dist.	-7905 Aug 18 j 06:58	5°♑07'27	0.59346 AU
opposition	-7905 Aug 23 j 15:07	3°♑00'41	-4°28'19
greatest brilliancy	-7905 Aug 22 j 20:38	3°♑19'00	-1.7m
	-7905 Aug 31 j 12:49	30°♑℞♐	
direct	-7905 Sep 29 j 14:37	24°♐27'11	
	-7905 Oct 31 j 17:27	0°♑	
asc. node	-7905 Dec 27 j 02:49	24°♑42'36	
	-7904 Jan 06 j 02:15	0°♒	
	-7904 Feb 27 j 14:01	0°♓	
	-7904 Apr 16 j 01:40	0°♈	
	-7904 May 31 j 15:51	0°♉	
evening set	-7904 Jun 18 j 16:06	12°♉21'14	
max. Earth dist.	-7904 Jul 04 j 09:43	23°♉23'05	2.48808 AU
	-7904 Jul 13 j 16:34	0°♊	
conjunction	-7904 Aug 10 j 00:41	19°♊54'42	1°07'33

Attention, astronomical year style is used: The year -8399 in astronomical counting style is the year 8400 BCE in historical counting style.

minimum elong	-7904 Aug 10 j 02:07	19°♊57'20	1°08'04
	-7904 Aug 23 j 13:40	0°♋	
	-7904 Oct 01 j 22:05	0°♌	
morning rise	-7904 Oct 05 j 18:56	2°♌59'32	
	-7904 Nov 09 j 12:03	0°♍	
desc. node	-7904 Dec 06 j 20:31	21°♍16'11	
	-7904 Dec 18 j 03:58	0°♎	
	-7903 Jan 26 j 19:29	0°♏	
	-7903 Mar 09 j 10:12	0°♐	
	-7903 Apr 23 j 09:31	0°♑	
	-7903 Jun 14 j 11:46	0°♒	
retrograde	-7903 Aug 19 j 15:28	20°♒13'47	
min. Earth dist.	-7903 Sep 26 j 22:33	11°♒01'43	0.65814 AU
opposition	-7903 Sep 28 j 14:10	10°♒21'45	-1°44'25
greatest brilliancy	-7903 Sep 28 j 12:14	10°♒23'43	-1.4m
direct	-7903 Nov 07 j 02:40	0°♒51'21	
asc. node	-7903 Nov 13 j 07:44	1°♒05'28	
	-7902 Feb 01 j 19:55	0°♓	
	-7902 Mar 26 j 08:35	0°♈	
	-7902 May 12 j 04:37	0°♉	
	-7902 Jun 24 j 12:09	0°♊	
	-7902 Aug 04 j 06:22	0°♋	
evening set	-7902 Aug 09 j 21:53	4°♋16'18	
	-7902 Sep 12 j 08:04	0°♌	
max. Earth dist.	-7902 Sep 28 j 07:20	12°♌28'59	2.38103 AU
conjunction	-7902 Oct 09 j 11:59	21°♌16'00	0°11'26
minimum elong	-7902 Oct 09 j 13:02	21°♌18'05	0°11'49
behind sun begin	-7902 Oct 08 j 18:01	20°♌40'46	
behind sun end	-7902 Oct 10 j 08:03	21°♌55'25	
	-7902 Oct 20 j 14:43	0°♍	
desc. node	-7902 Oct 24 j 15:30	3°♍10'03	
	-7902 Nov 28 j 00:11	0°♎	
morning rise	-7902 Dec 14 j 16:55	12°♎50'58	
	-7901 Jan 06 j 09:09	0°♏	
	-7901 Feb 16 j 11:54	0°♐	
	-7901 Apr 01 j 01:04	0°♑	
	-7901 May 17 j 21:23	0°♒	
	-7901 Jul 09 j 18:11	0°♓	
retrograde	-7901 Sep 23 j 16:56	24°♓15'28	
asc. node	-7901 Oct 01 j 11:36	23°♓51'58	
opposition	-7901 Nov 01 j 23:34	14°♓54'09	1°12'20
greatest brilliancy	-7901 Nov 02 j 01:02	14°♓52'41	-1.4m
min. Earth dist.	-7901 Nov 04 j 01:11	14°♓04'41	0.66181 AU
direct	-7901 Dec 12 j 20:23	4°♓56'04	
	-7900 Feb 28 j 04:11	0°♈	
	-7900 Apr 19 j 11:15	0°♉	
	-7900 Jun 03 j 02:42	0°♊	
	-7900 Jul 14 j 07:00	0°♋	
	-7900 Aug 22 j 11:26	0°♌	
desc. node	-7900 Sep 10 j 10:59	14°♌49'46	
	-7900 Sep 29 j 19:00	0°♍	
evening set	-7900 Oct 12 j 22:58	10°♍19'11	
	-7900 Nov 07 j 05:55	0°♎	
conjunction	-7900 Dec 15 j 08:04	28°♎58'10	-0°59'54
minimum elong	-7900 Dec 15 j 05:17	28°♎52'58	1°00'04
	-7900 Dec 16 j 17:13	0°♏	
	-7899 Jan 26 j 21:11	0°♐	
max. Earth dist.	-7899 Jan 28 j 20:47	1°♐24'33	2.47463 AU
morning rise	-7899 Feb 14 j 05:54	12°♐54'51	
	-7899 Mar 11 j 04:22	0°♑	
	-7899 Apr 25 j 19:38	0°♒	
	-7899 Jun 13 j 02:41	0°♓	
	-7899 Aug 04 j 20:37	0°♈	
asc. node	-7899 Aug 18 j 11:48	6°♈58'24	
retrograde	-7899 Oct 31 j 08:30	29°♈46'23	

opposition	-7899 Dec 07 j 20:25	21°♈20'22	4°04'06
greatest brilliancy	-7899 Dec 08 j 13:50	21°♈03'40	-1.6m
min. Earth dist.	-7899 Dec 13 j 13:29	19°♈08'52	0.60399 AU